

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022525\
 Data File : VN085860.D
 Acq On : 25 Feb 2025 16:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2025
 Supervised By : Mahesh Dadoda 02/26/2025

Quant Time: Feb 25 23:42:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	340650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	554394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	496104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	239799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	214138	48.487	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.980%		
35) Dibromofluoromethane	8.165	113	180892	49.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.720%		
50) Toluene-d8	10.565	98	679284	51.466	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.940%		
62) 4-Bromofluorobenzene	12.847	95	247526	56.920	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	113.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	197108	42.540	ug/l	100
3) Chloromethane	2.359	50	178775	38.450	ug/l	99
4) Vinyl Chloride	2.512	62	204281	41.496	ug/l	99
5) Bromomethane	2.948	94	126709	40.253	ug/l	95
6) Chloroethane	3.112	64	132395	40.602	ug/l	93
7) Trichlorofluoromethane	3.495	101	312492	43.843	ug/l	97
8) Diethyl Ether	3.959	74	112660	48.851	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	181700	44.102	ug/l	99
10) Methyl Iodide	4.583	142	243735	47.992	ug/l	97
11) Tert butyl alcohol	5.524	59	155996	287.186	ug/l	99
12) 1,1-Dichloroethene	4.336	96	168717	45.163	ug/l	98
13) Acrolein	4.177	56	171660	213.107	ug/l	99
14) Allyl chloride	5.024	41	220911	45.041	ug/l	97
15) Acrylonitrile	5.712	53	428001	242.376	ug/l	100
16) Acetone	4.424	43	336382	240.714	ug/l	97
17) Carbon Disulfide	4.712	76	415530	37.531	ug/l	100
18) Methyl Acetate	5.024	43	234109	48.707	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	588104	52.978	ug/l	98
20) Methylene Chloride	5.271	84	190577	42.407	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	175028	43.513	ug/l	93
22) Diisopropyl ether	6.671	45	539171	48.650	ug/l	98
23) Vinyl Acetate	6.600	43	1899498	250.319	ug/l	99
24) 1,1-Dichloroethane	6.571	63	333907	44.321	ug/l	98
25) 2-Butanone	7.477	43	534305	259.891	ug/l	97
26) 2,2-Dichloropropane	7.489	77	310168	46.299	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	217561	46.647	ug/l	99
28) Bromochloromethane	7.812	49	151117	48.803	ug/l	95
29) Tetrahydrofuran	7.836	42	348193	262.278	ug/l	97
30) Chloroform	7.965	83	356386	45.266	ug/l	97
31) Cyclohexane	8.253	56	251817	39.920	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	322682	46.079	ug/l	98
36) 1,1-Dichloropropene	8.365	75	239102	46.571	ug/l	98
37) Ethyl Acetate	7.553	43	217270	51.423	ug/l	98
38) Carbon Tetrachloride	8.359	117	286710	46.999	ug/l	97
39) Methylcyclohexane	9.600	83	244570	48.489	ug/l	99
40) Benzene	8.606	78	751399	45.663	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	116883	51.749	ug/l	95
42) 1,2-Dichloroethane	8.671	62	254426	47.468	ug/l	99
43) Isopropyl Acetate	8.683	43	373394	50.361	ug/l	98
44) Trichloroethene	9.347	130	185910	46.014	ug/l	99
45) 1,2-Dichloropropane	9.618	63	181809	45.773	ug/l	95
46) Dibromomethane	9.706	93	134216	47.905	ug/l	99
47) Bromodichloromethane	9.888	83	286115	47.732	ug/l	99
48) Methyl methacrylate	9.677	41	173057	55.152	ug/l	96
49) 1,4-Dioxane	9.694	88	74470	1248.041	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	1122202	275.483	ug/l	99
52) Toluene	10.630	92	487380	50.527	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	291581	52.606	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	309569	50.933	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	187299	48.838	ug/l	98
56) Ethyl methacrylate	10.871	69	293169	52.803	ug/l	98
57) 1,3-Dichloropropane	11.159	76	312579	48.824	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	673643	295.423	ug/l	96
59) 2-Hexanone	11.194	43	821038	292.977	ug/l	100
60) Dibromochloromethane	11.359	129	230468	51.607	ug/l	98
61) 1,2-Dibromoethane	11.465	107	187838	51.837	ug/l	99
64) Tetrachloroethene	11.100	164	169947	44.219	ug/l	97
65) Chlorobenzene	11.888	112	539558	47.475	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	196143	48.016	ug/l	99
67) Ethyl Benzene	11.959	91	922386	51.812	ug/l	99
68) m/p-Xylenes	12.071	106	712218	105.321	ug/l	99
69) o-Xylene	12.394	106	346414	53.909	ug/l	99
70) Styrene	12.412	104	591747	49.534	ug/l	99
71) Bromoform	12.576	173	155847	51.344	ug/l #	97
73) Isopropylbenzene	12.694	105	869841	52.947	ug/l	99
74) N-amyl acetate	12.494	43	314954	54.364	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	262976	46.518	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	242916m	45.603	ug/l	
77) Bromobenzene	12.976	156	219204	49.387	ug/l	99
78) n-propylbenzene	13.035	91	993387	52.799	ug/l	98
79) 2-Chlorotoluene	13.123	91	622073	49.486	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	720357	53.828	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	97295	53.294	ug/l	94
82) 4-Chlorotoluene	13.218	91	625002	50.152	ug/l	99
83) tert-Butylbenzene	13.435	119	616386	54.772	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	726351	54.859	ug/l	100
85) sec-Butylbenzene	13.612	105	836741	52.624	ug/l	99
86) p-Isopropyltoluene	13.729	119	708723	48.758	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	395116	47.515	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	388377	45.568	ug/l	99
89) n-Butylbenzene	14.053	91	577933	51.194	ug/l	99
90) Hexachloroethane	14.329	117	135173	44.889	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	382829	47.875	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	50506	48.652	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	195004	51.177	ug/l	99
94) Hexachlorobutadiene	15.500	225	94445	40.784	ug/l	98
95) Naphthalene	15.641	128	613128	58.611	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	187063	48.901	ug/l	99

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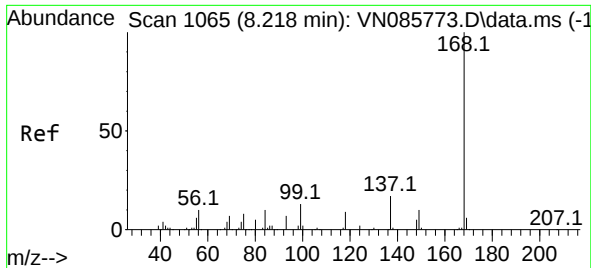
Manual Integrations
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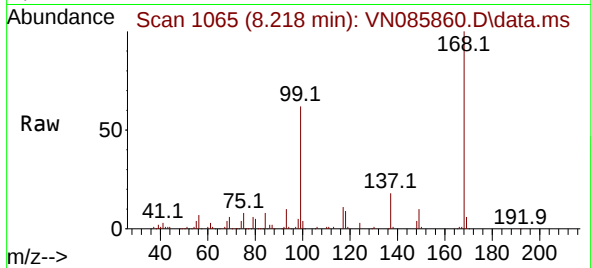
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085860.D
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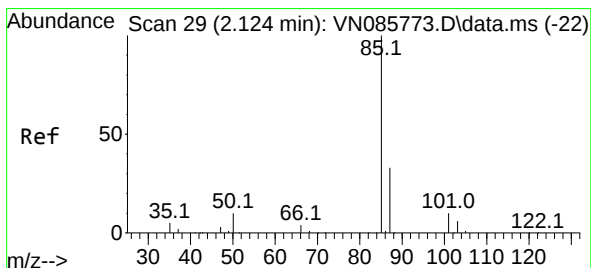
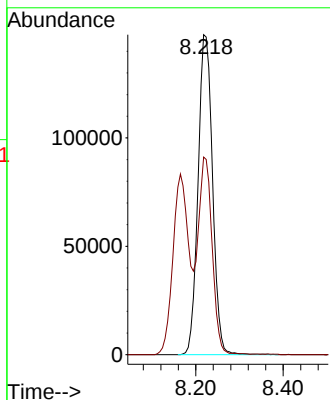
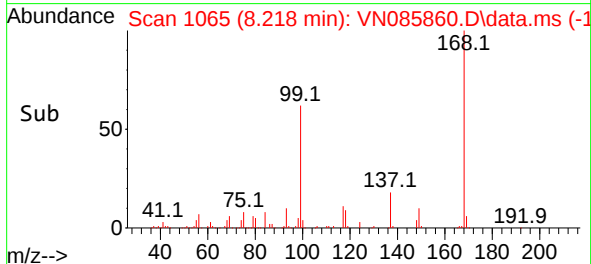
Instrument :
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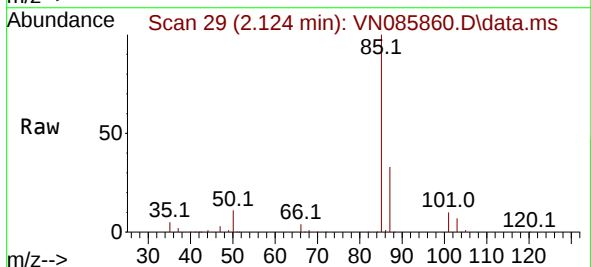
Tgt Ion:168 Resp: 340650
Ion Ratio Lower Upper
168 100
99 61.6 47.9 71.9

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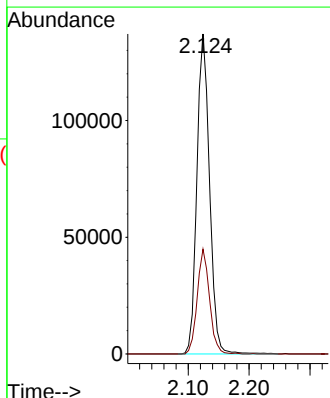
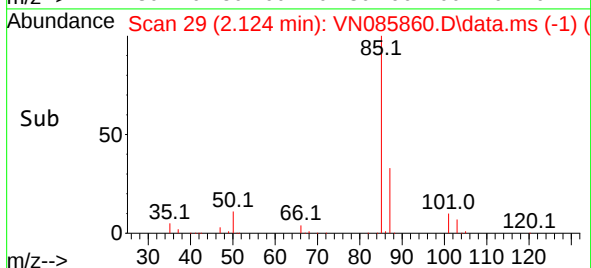
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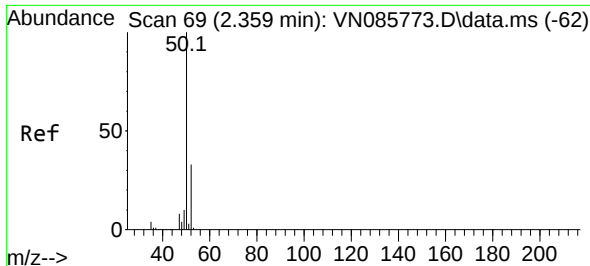


#2
Dichlorodifluoromethane
Concen: 42.540 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



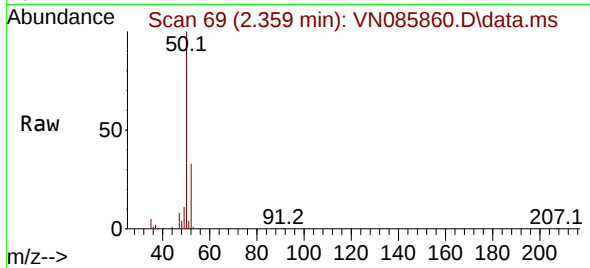
Tgt Ion: 85 Resp: 197108
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.2





#3
Chloromethane
Concen: 38.450 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

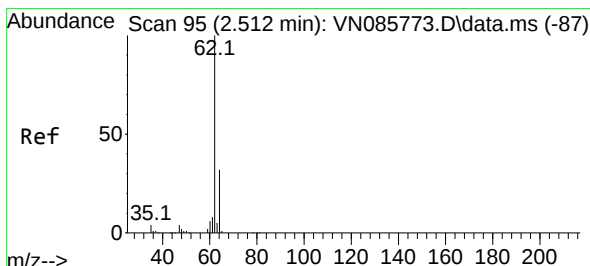
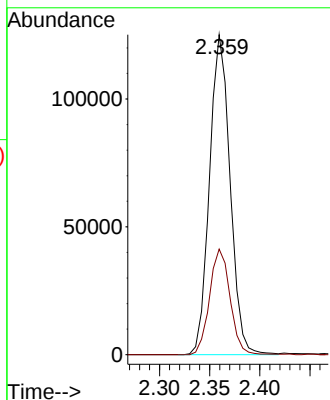
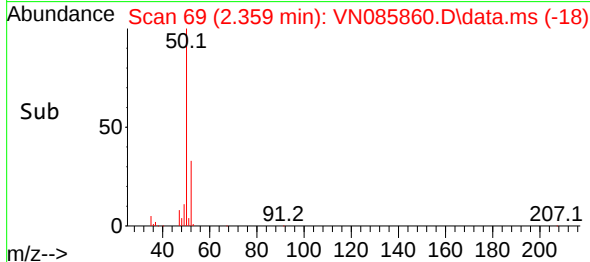
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Tgt Ion: 50 Resp: 178775
Ion Ratio Lower Upper
50 100
52 33.0 26.7 40.1

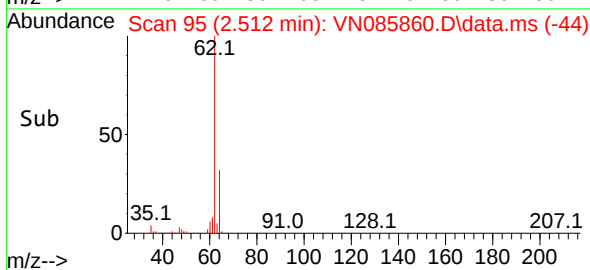
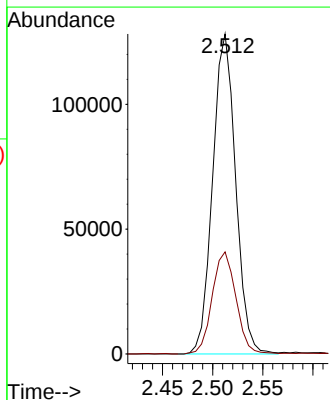
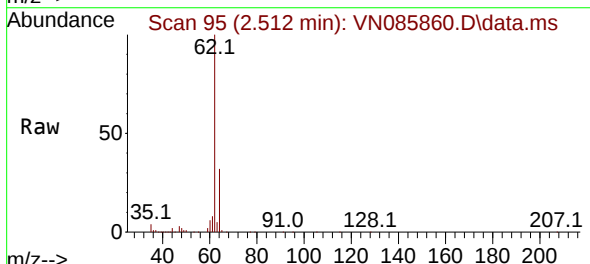
Manual Integrations
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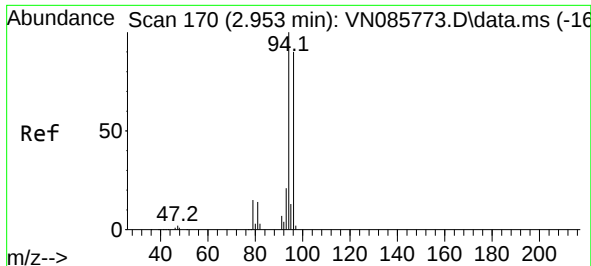
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#4
Vinyl Chloride
Concen: 41.496 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

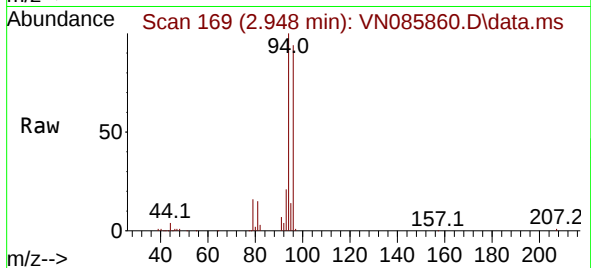
Tgt Ion: 62 Resp: 204281
Ion Ratio Lower Upper
62 100
64 31.9 25.9 38.9





#5
Bromomethane
Concen: 40.253 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

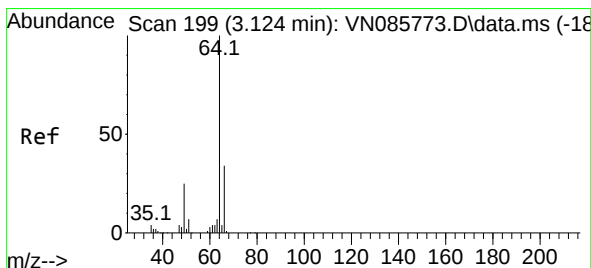
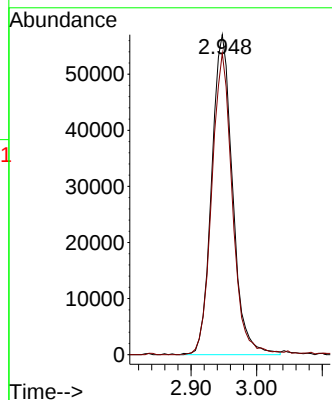
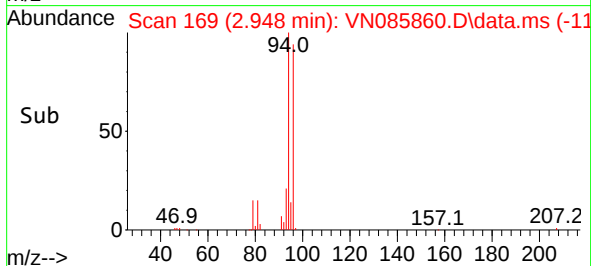
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Tgt Ion: 94 Resp: 126709
Ion Ratio Lower Upper
94 100
96 94.2 71.7 107.5

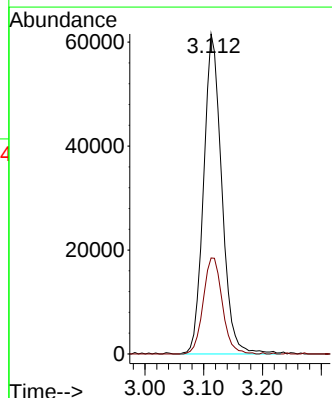
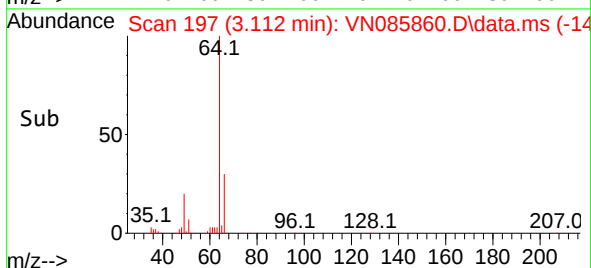
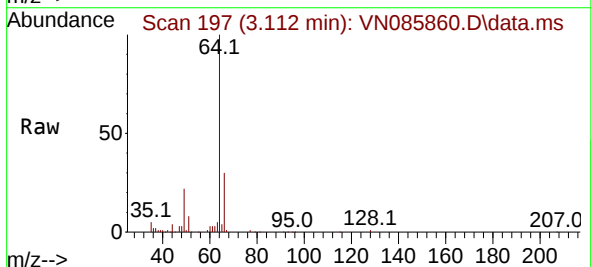
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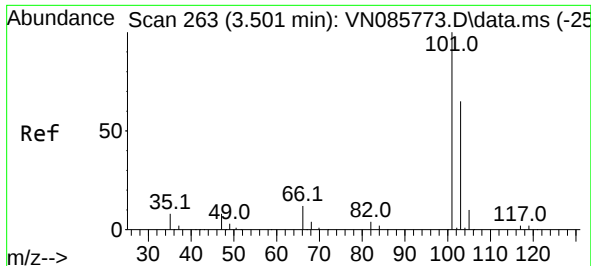
Reviewed By :John Carlone 02/26/2025
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#6
Chloroethane
Concen: 40.602 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN085860.D
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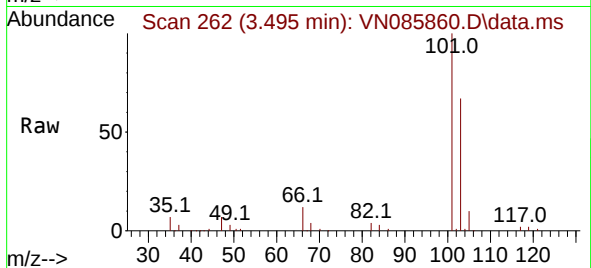
Tgt Ion: 64 Resp: 132395
Ion Ratio Lower Upper
64 100
66 30.0 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 43.843 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.006 min
 Lab File: VN085860.D
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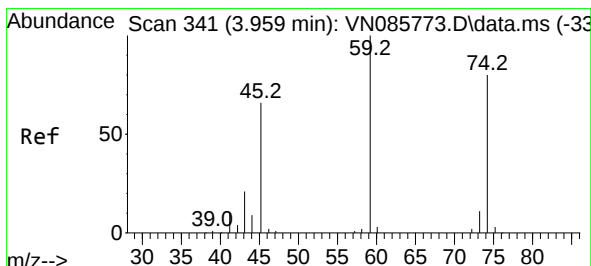
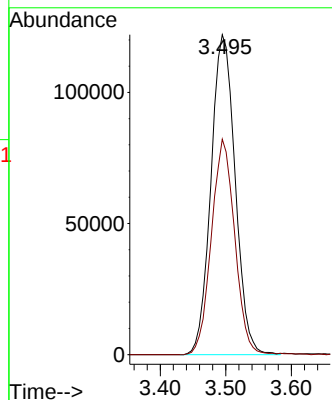
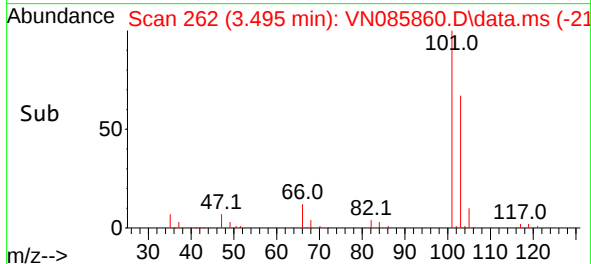
Instrument :
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Tgt Ion:101 Resp: 312492
 Ion Ratio Lower Upper
 101 100
 103 67.4 52.2 78.4

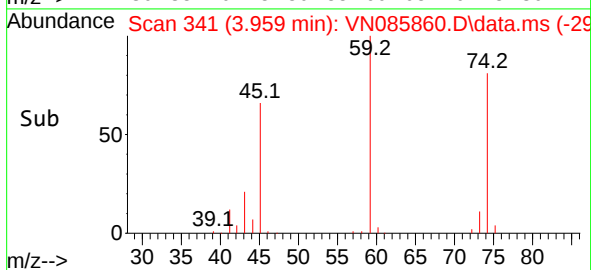
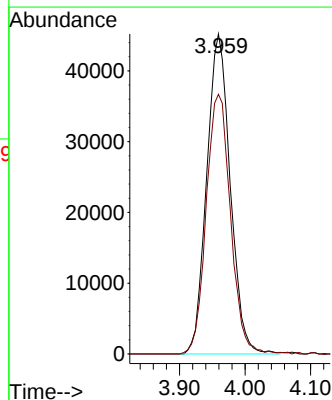
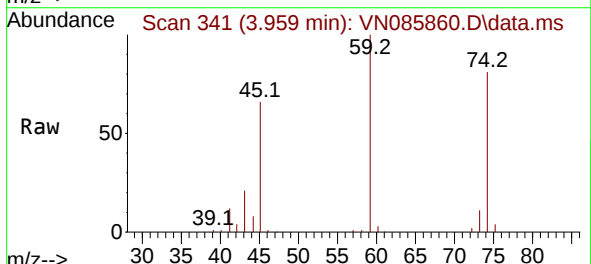
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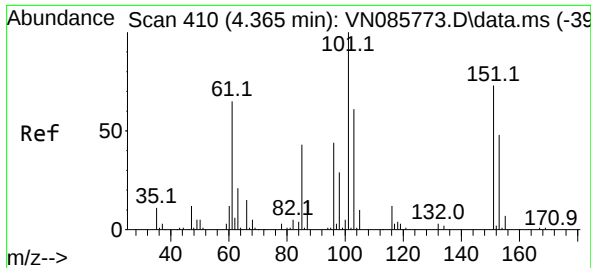
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#8
 Diethyl Ether
 Concen: 48.851 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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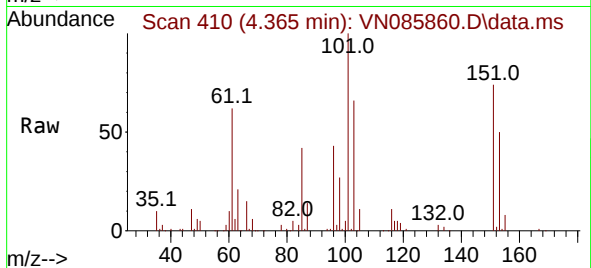
Tgt Ion: 74 Resp: 112660
 Ion Ratio Lower Upper
 74 100
 45 84.0 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.102 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

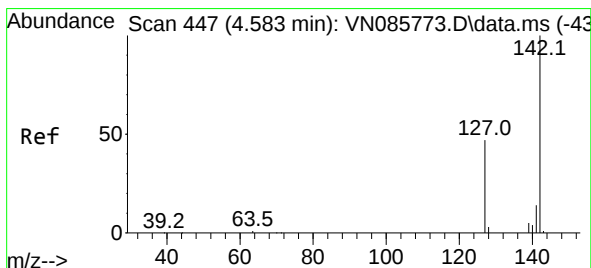
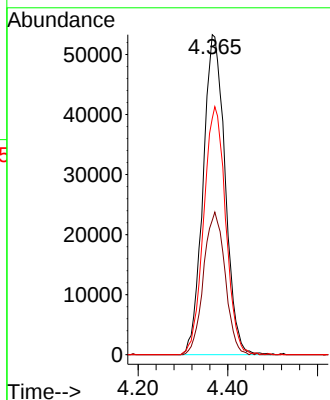
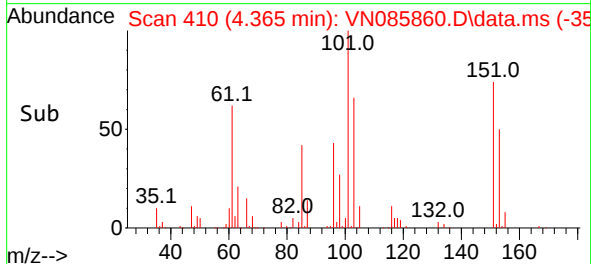
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 181700
Ion Ratio Lower Upper
101 100
85 43.5 35.7 53.5
151 77.2 61.4 92.2

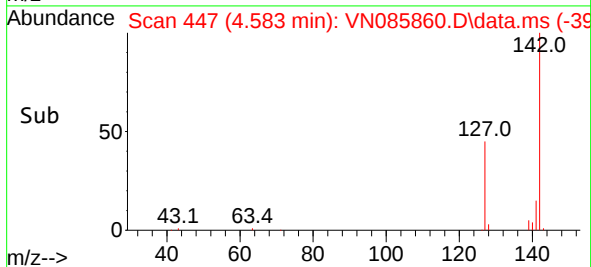
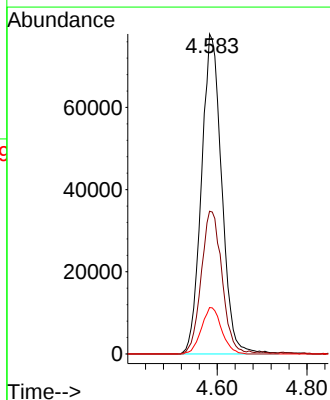
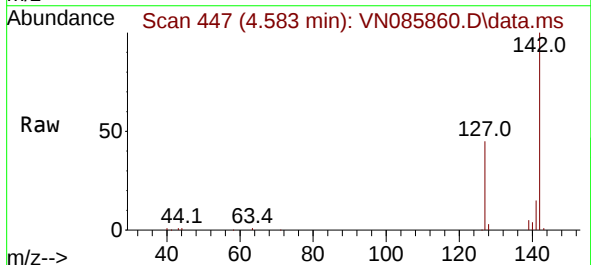
Manual Integrations
APPROVED

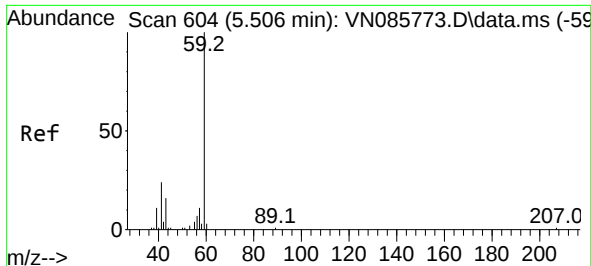
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#10
Methyl Iodide
Concen: 47.992 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

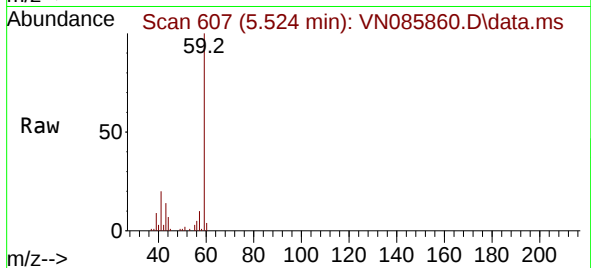
Tgt Ion:142 Resp: 243735
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 14.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 287.186 ug/l
RT: 5.524 min Scan# 604
Delta R.T. 0.018 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

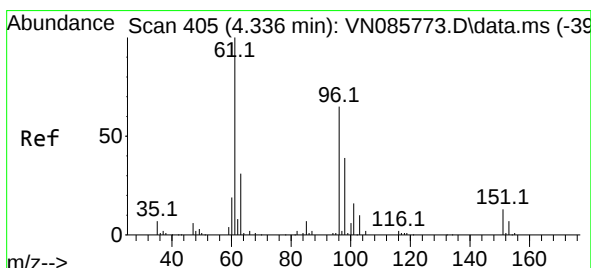
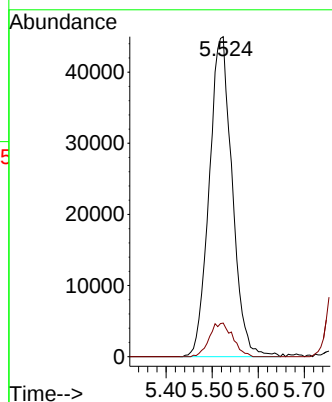
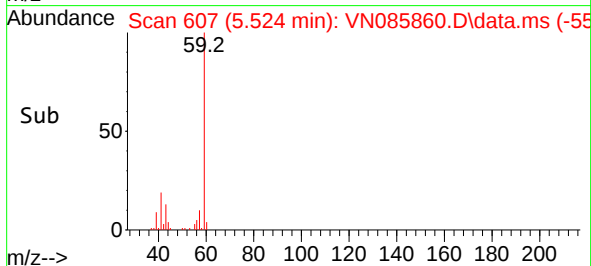
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 155990
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

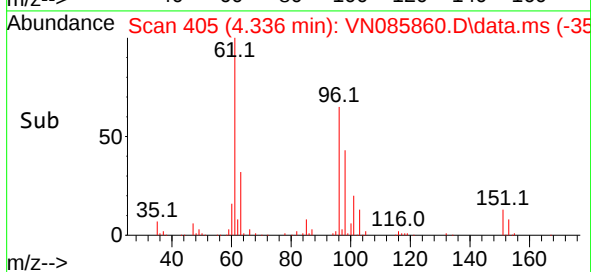
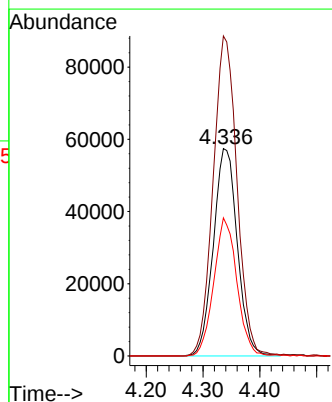
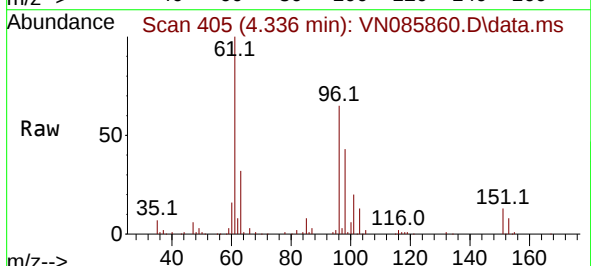
Manual Integrations
APPROVED

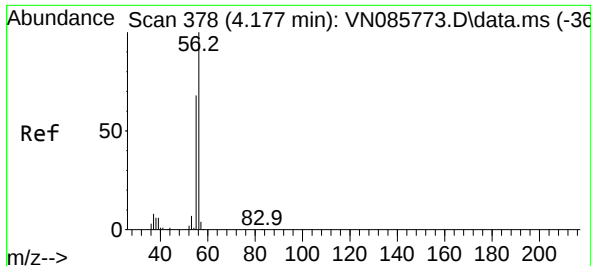
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#12
1,1-Dichloroethene
Concen: 45.163 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

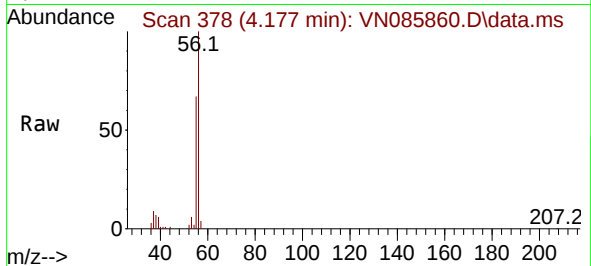
Tgt Ion: 96 Resp: 168717
Ion Ratio Lower Upper
96 100
61 154.3 123.3 184.9
98 66.6 48.6 72.8





#13
Acrolein
Concen: 213.107 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

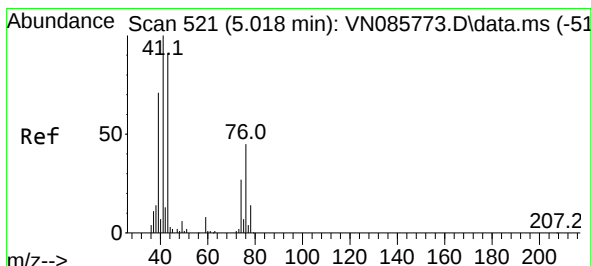
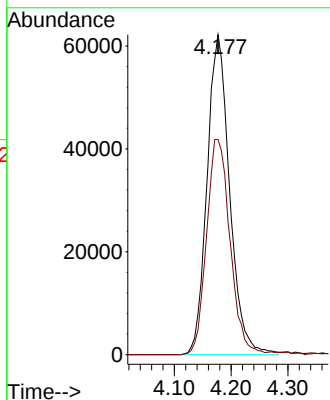
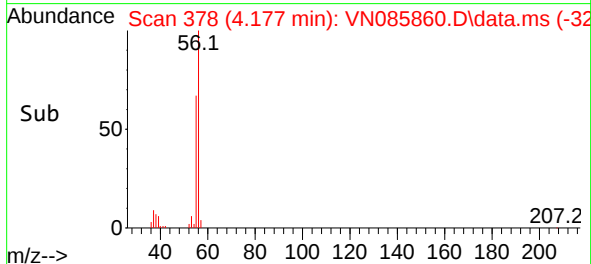
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



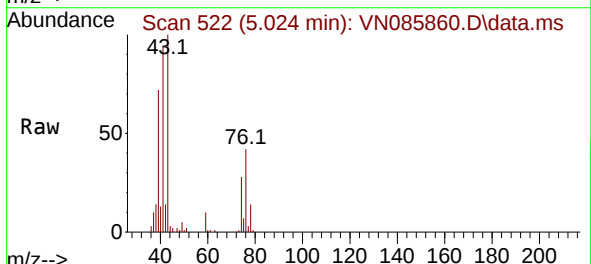
Tgt Ion: 56 Resp: 171660
Ion Ratio Lower Upper
56 100
55 69.8 55.3 82.9

Manual Integrations
APPROVED

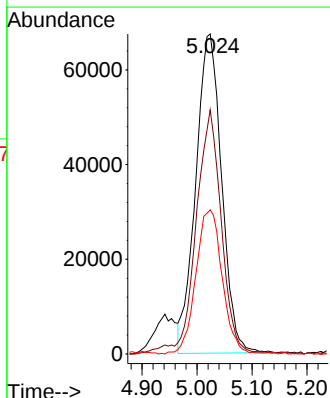
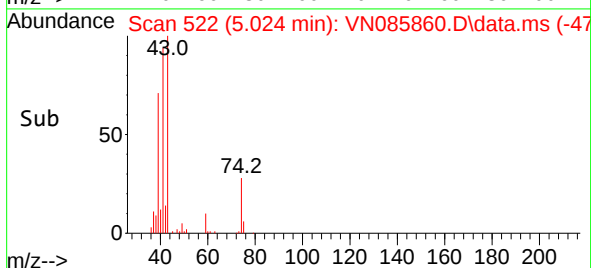
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

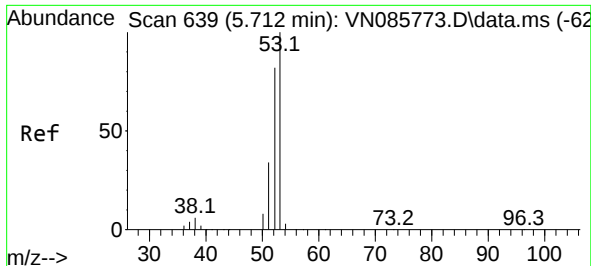


#14
Allyl chloride
Concen: 45.041 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



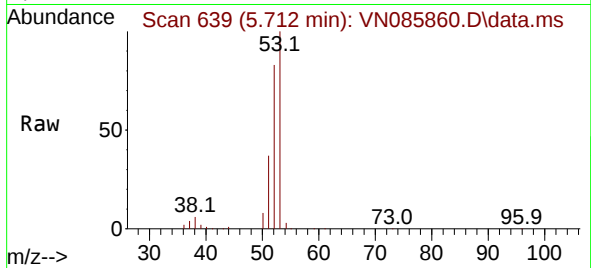
Tgt Ion: 41 Resp: 220911
Ion Ratio Lower Upper
41 100
39 75.0 57.4 86.2
76 45.8 36.2 54.2





#15
Acrylonitrile
Concen: 242.376 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

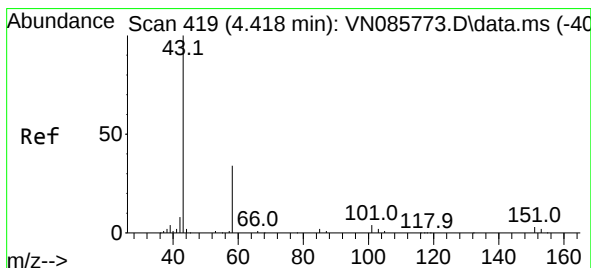
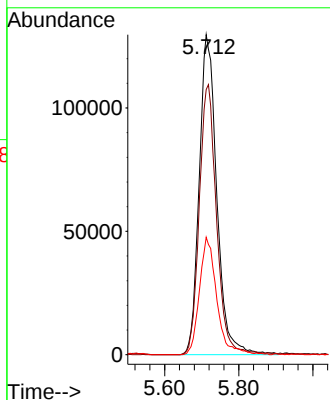
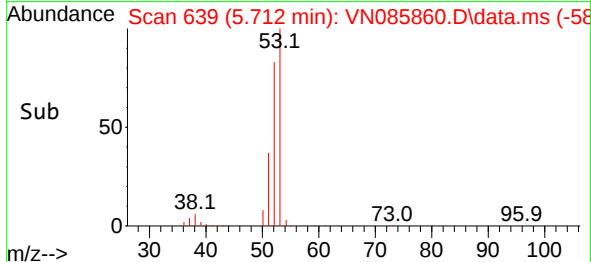
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



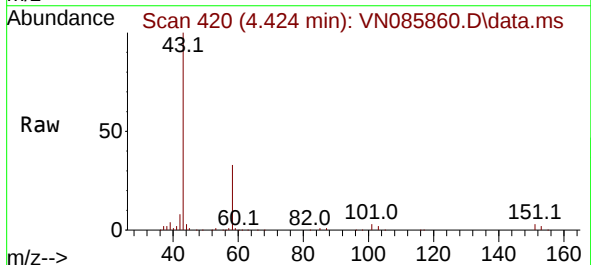
Tgt Ion: 53 Resp: 42800
Ion Ratio Lower Upper
53 100
52 82.5 65.8 98.6
51 35.9 28.6 42.8

Manual Integrations
APPROVED

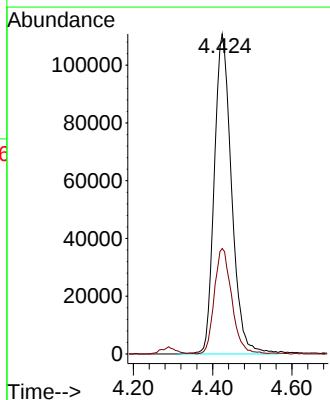
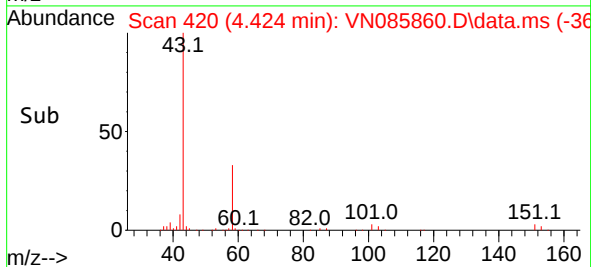
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

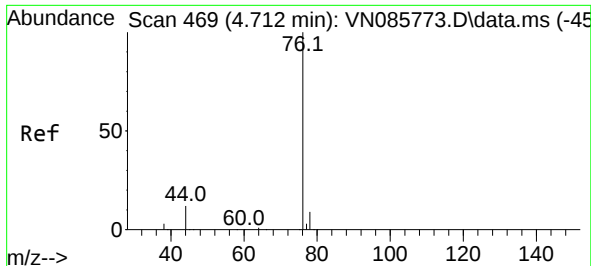


#16
Acetone
Concen: 240.714 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



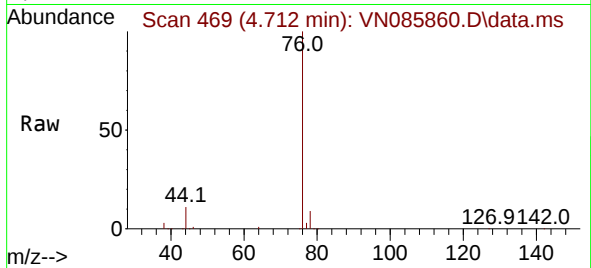
Tgt Ion: 43 Resp: 336382
Ion Ratio Lower Upper
43 100
58 32.7 27.5 41.3





#17
Carbon Disulfide
Concen: 37.531 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

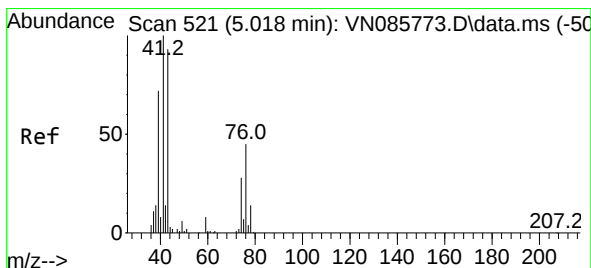
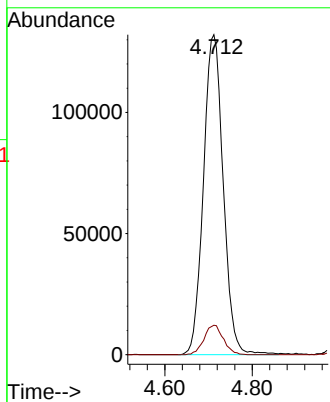
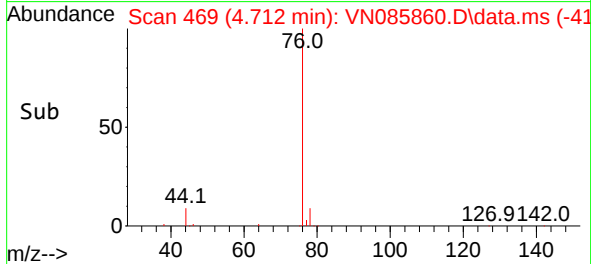
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



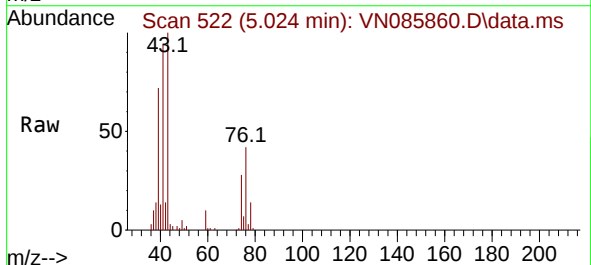
Tgt Ion: 76 Resp: 415530
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
APPROVED

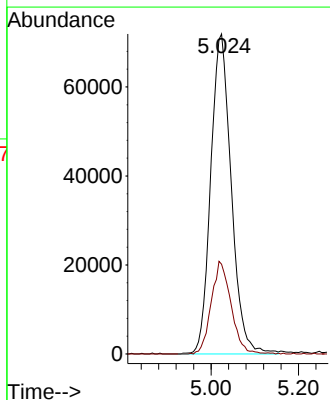
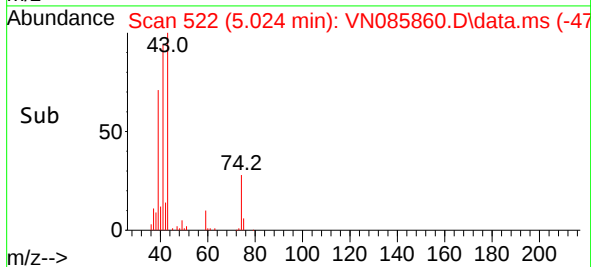
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

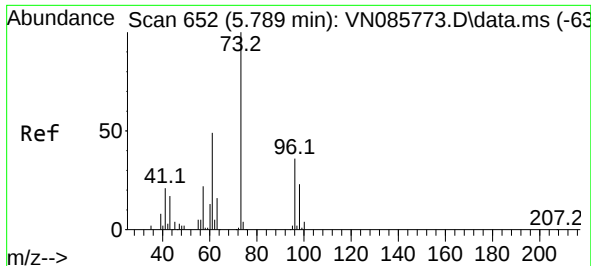


#18
Methyl Acetate
Concen: 48.707 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



Tgt Ion: 43 Resp: 234109
Ion Ratio Lower Upper
43 100
74 27.8 22.2 33.4





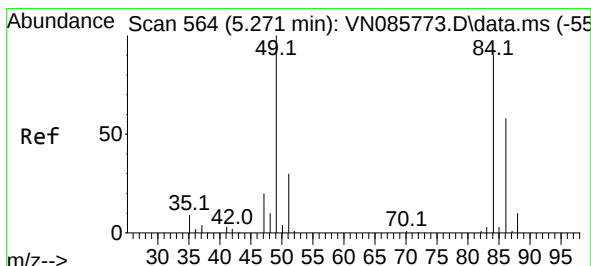
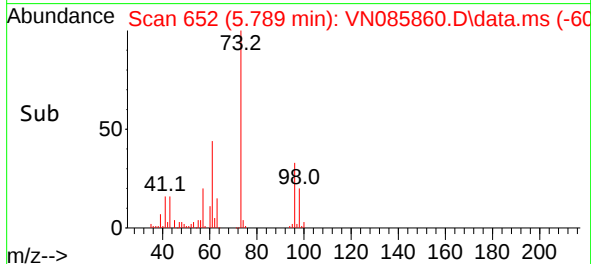
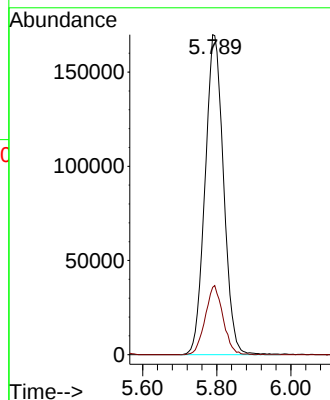
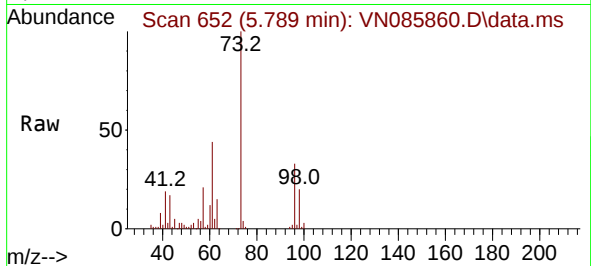
#19
Methyl tert-butyl Ether
Concen: 52.978 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 588104
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4

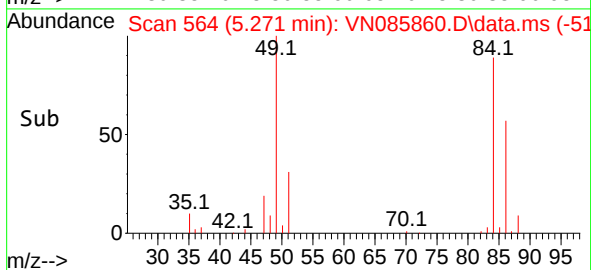
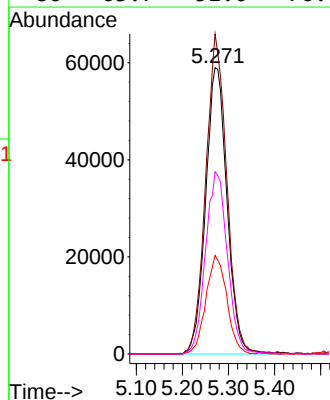
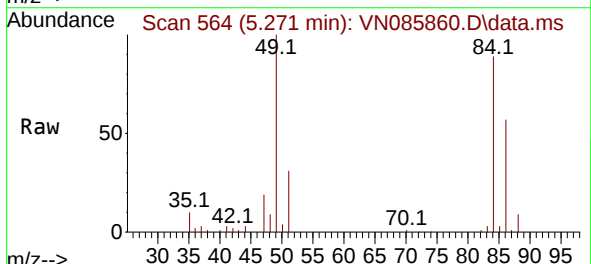
Manual Integrations
APPROVED

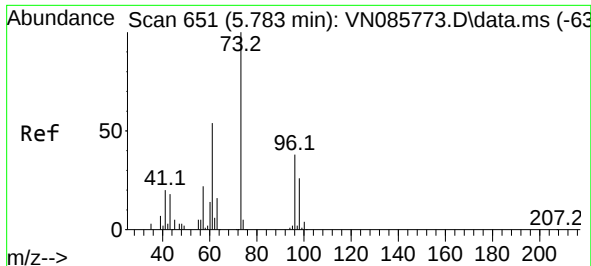
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#20
Methylene Chloride
Concen: 42.407 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

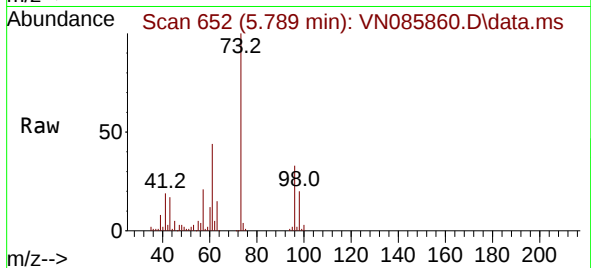
Tgt Ion: 84 Resp: 190577
Ion Ratio Lower Upper
84 100
49 111.5 88.4 132.6
51 34.5 26.6 40.0
86 63.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 43.513 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

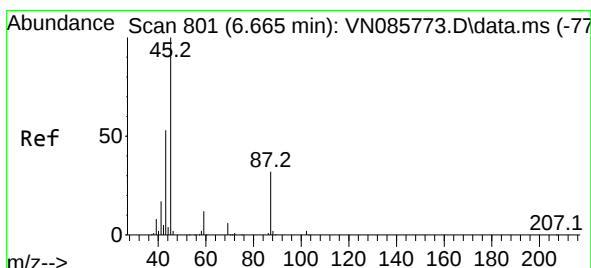
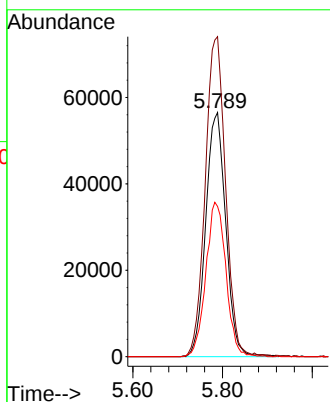
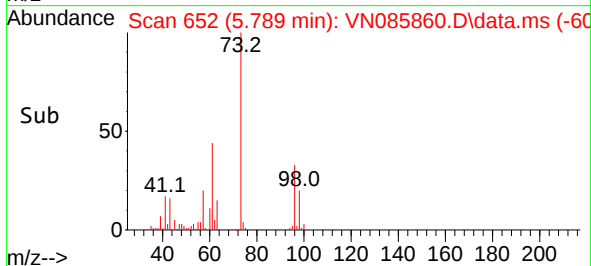
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 175028
Ion Ratio Lower Upper
96 100
61 131.1 112.6 168.8
98 61.5 53.3 79.9

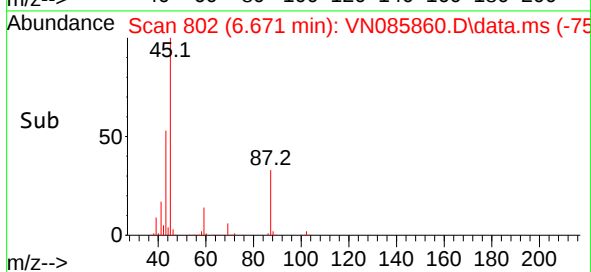
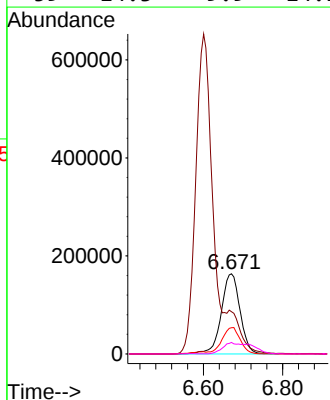
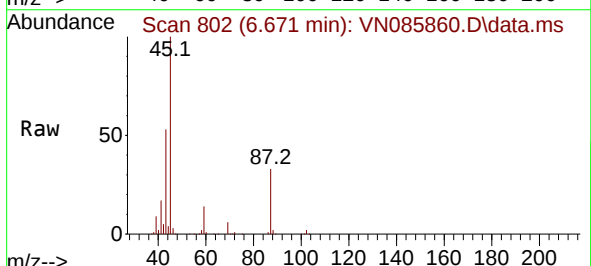
Manual Integrations
APPROVED

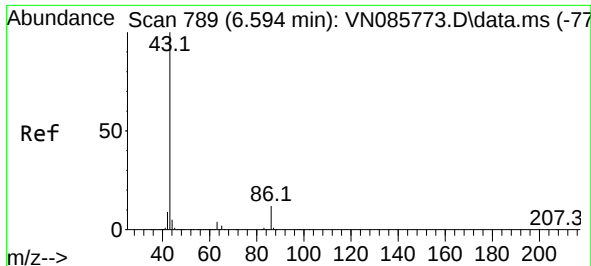
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#22
Diisopropyl ether
Concen: 48.650 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

Tgt Ion: 45 Resp: 539171
Ion Ratio Lower Upper
45 100
43 52.2 42.6 64.0
87 32.6 25.8 38.8
59 14.3 9.9 14.9





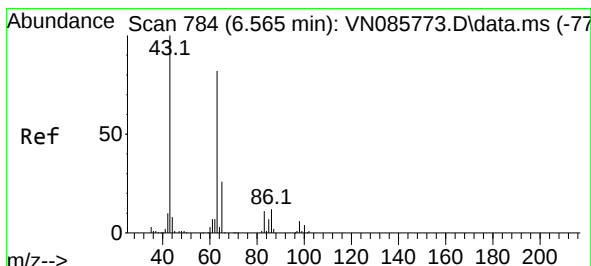
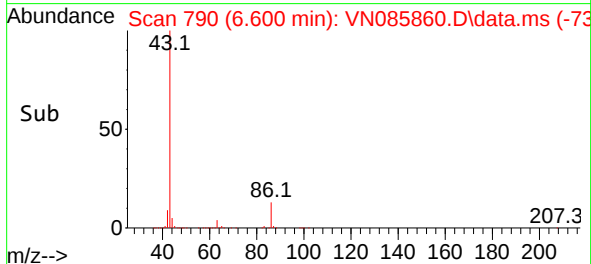
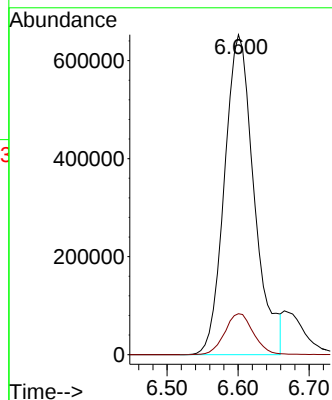
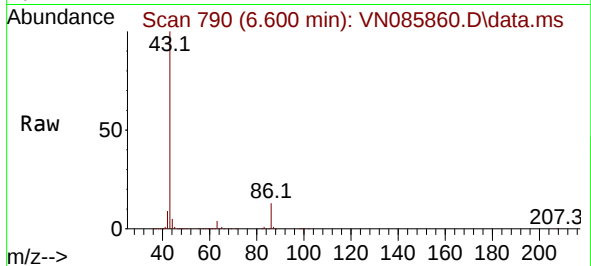
#23
 Vinyl Acetate
 Concen: 250.319 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085860.D
 Acq: 25 Feb 2025 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1899498
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.8 14.8

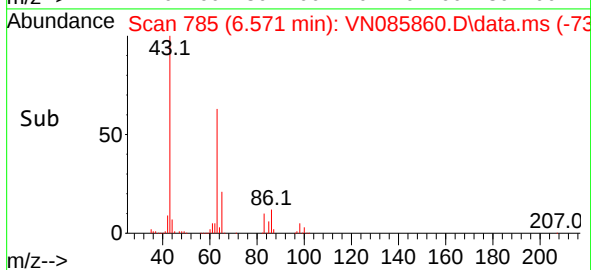
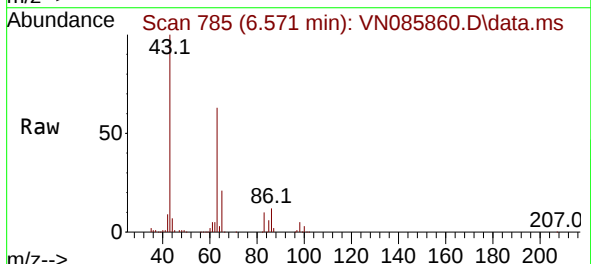
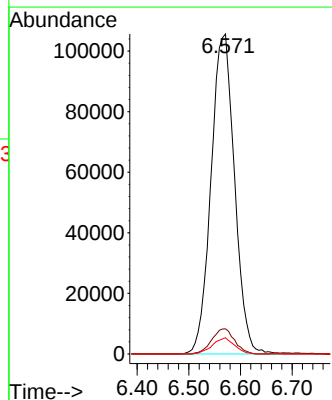
Manual Integrations
 APPROVED

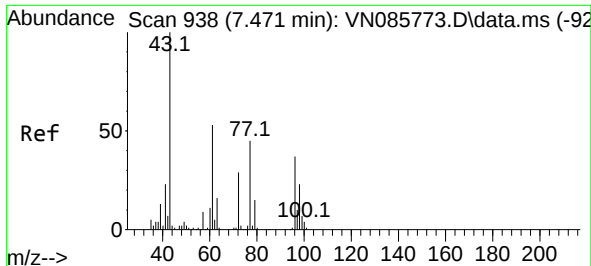
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#24
 1,1-Dichloroethane
 Concen: 44.321 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085860.D
 Acq: 25 Feb 2025 16:42

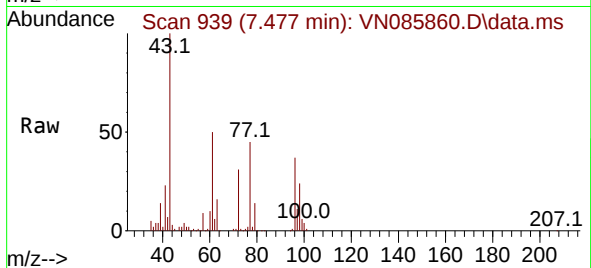
Tgt Ion: 63 Resp: 333907
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.1 2.4 7.2





#25
2-Butanone
Concen: 259.891 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

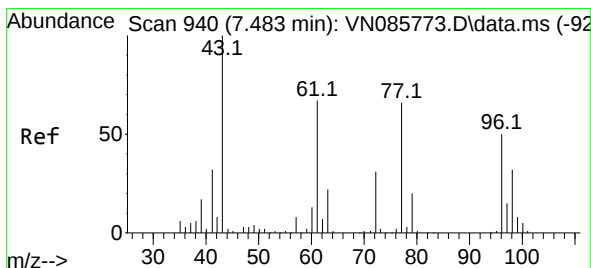
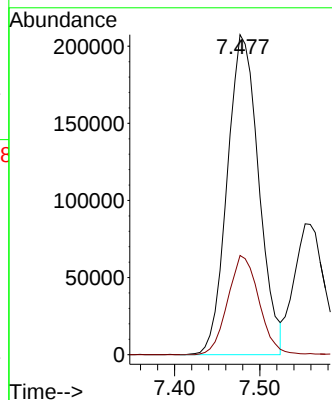
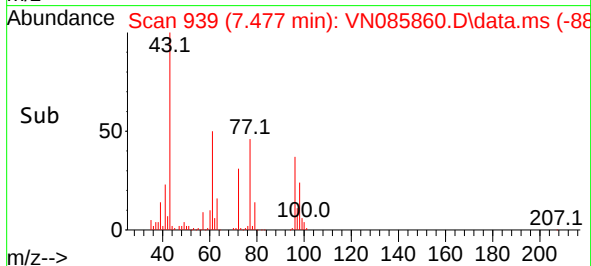
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 53430
Ion Ratio Lower Upper
43 100
72 31.0 23.6 35.4

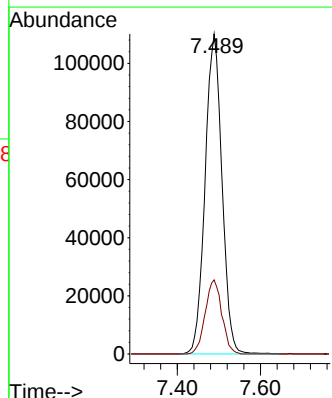
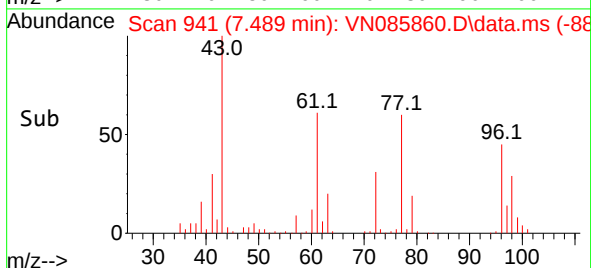
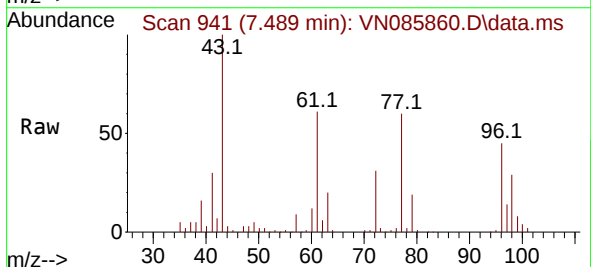
Manual Integrations
APPROVED

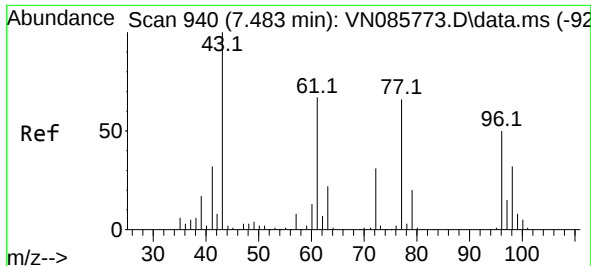
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#26
2,2-Dichloropropane
Concen: 46.299 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

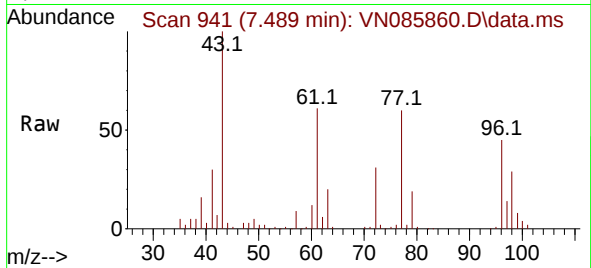
Tgt Ion: 77 Resp: 310168
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 46.647 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085860.D
 Acq: 25 Feb 2025 16:42

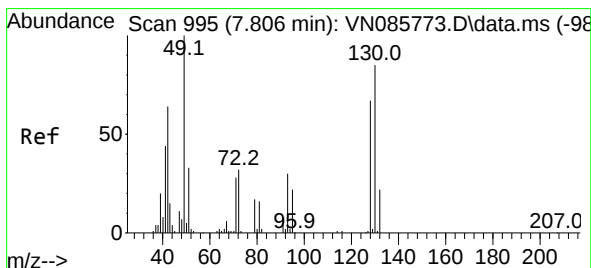
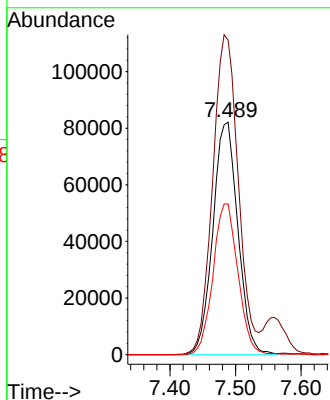
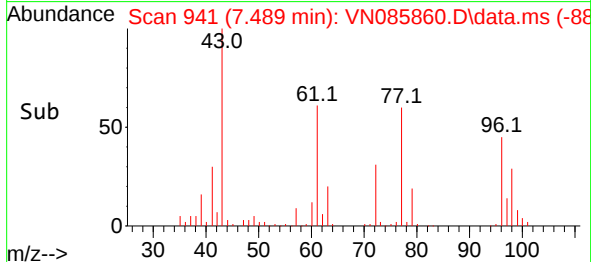
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 21756
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 280.6
 98 64.6 0.0 128.6

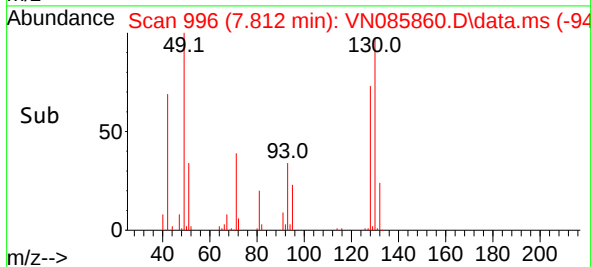
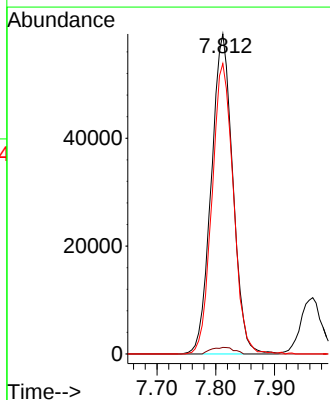
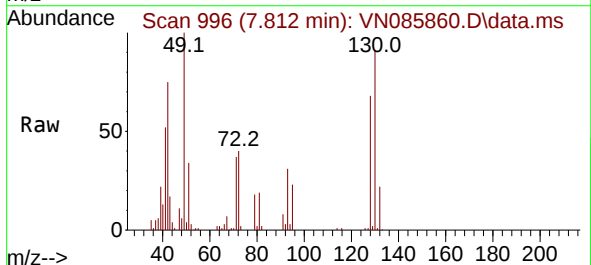
Manual Integrations
 APPROVED

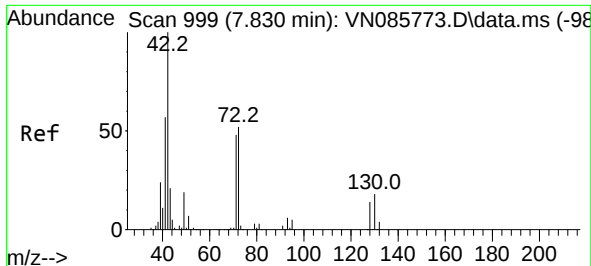
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#28
 Bromochloromethane
 Concen: 48.803 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085860.D
 Acq: 25 Feb 2025 16:42

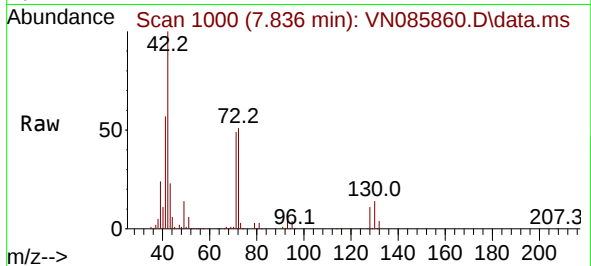
Tgt Ion: 49 Resp: 151117
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 90.0 68.0 102.0





#29
Tetrahydrofuran
Concen: 262.278 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

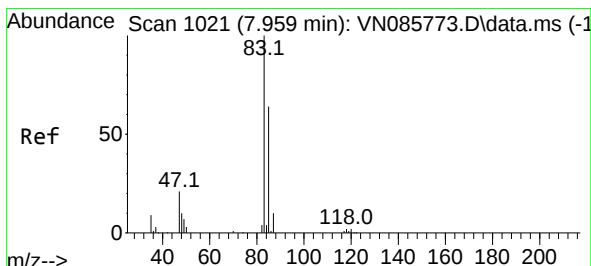
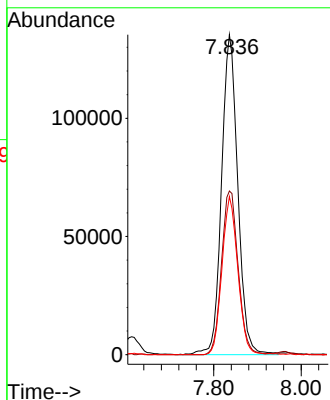
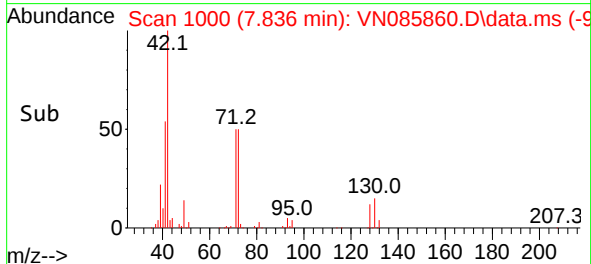
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



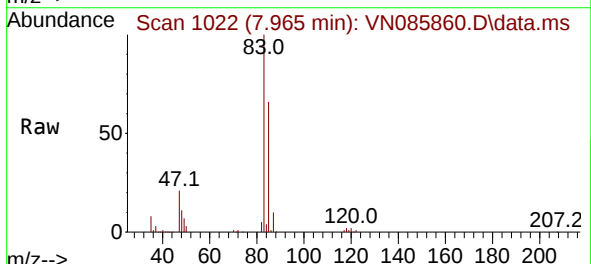
Tgt Ion: 42 Resp: 34819
Ion Ratio Lower Upper
42 100
72 52.4 40.0 60.0
71 47.9 37.0 55.4

Manual Integrations
APPROVED

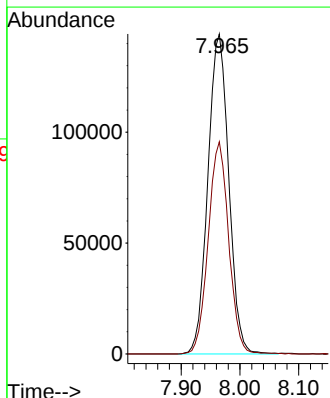
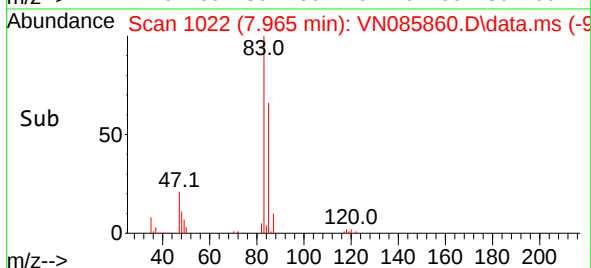
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

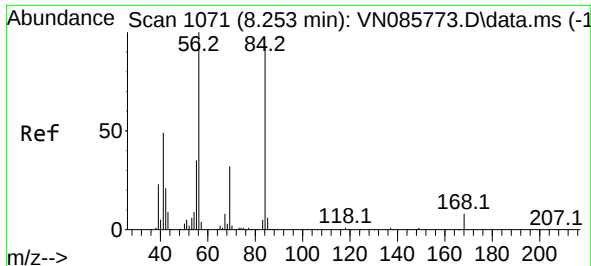


#30
Chloroform
Concen: 45.266 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



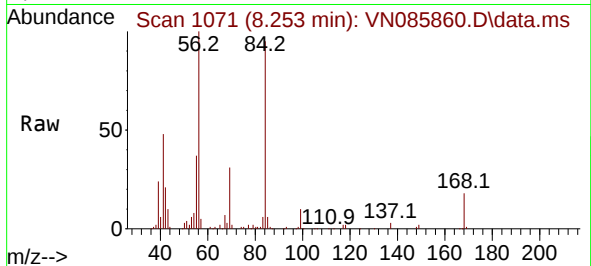
Tgt Ion: 83 Resp: 356386
Ion Ratio Lower Upper
83 100
85 66.3 50.9 76.3





#31
Cyclohexane
Concen: 39.920 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

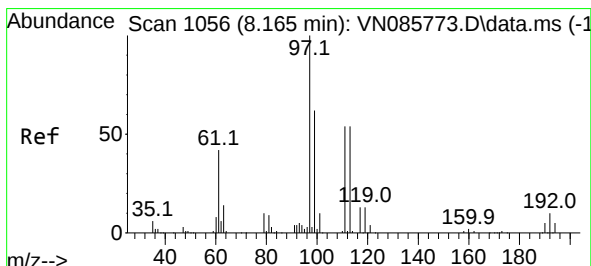
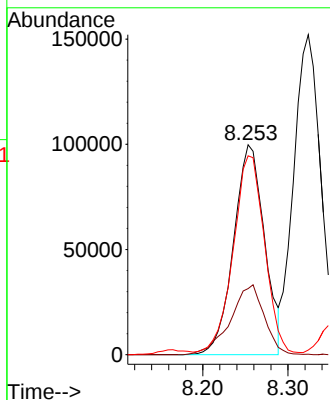
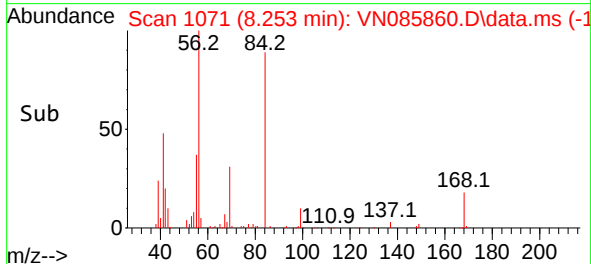
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050EC



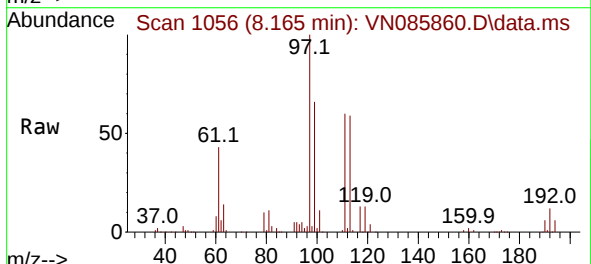
Tgt Ion: 56 Resp: 25181
Ion Ratio Lower Upper
56 100
69 31.5 25.8 38.6
84 93.1 74.5 111.7

Manual Integrations
APPROVED

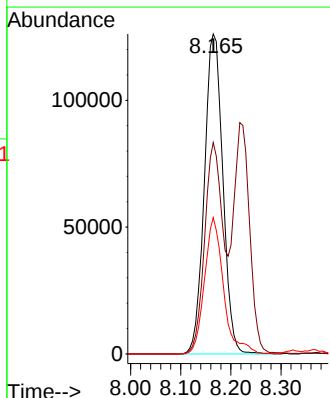
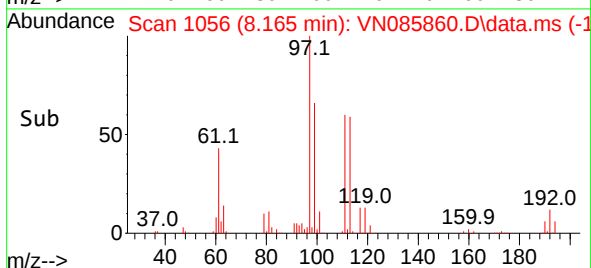
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

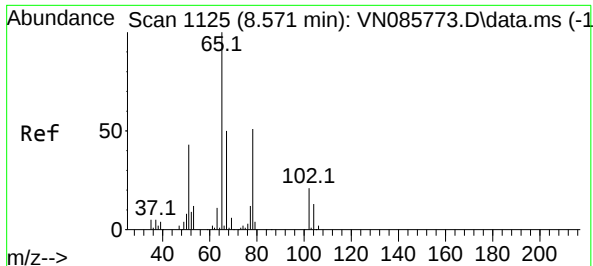


#32
1,1,1-Trichloroethane
Concen: 46.079 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



Tgt Ion: 97 Resp: 322682
Ion Ratio Lower Upper
97 100
99 65.7 50.4 75.6
61 44.1 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 48.487 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085860.D

Acq: 25 Feb 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 214138

Ion Ratio Lower Upper

65 100

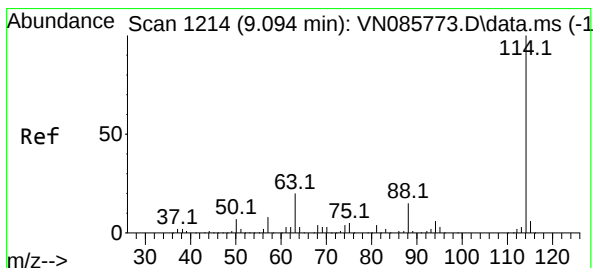
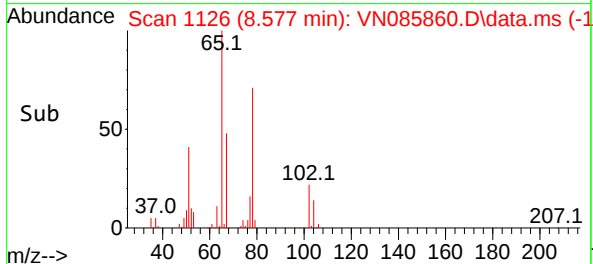
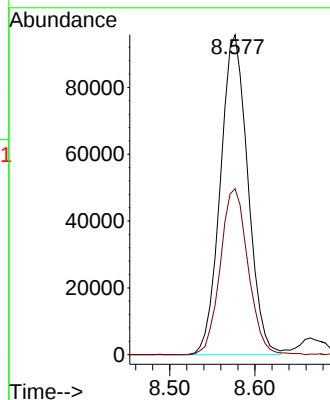
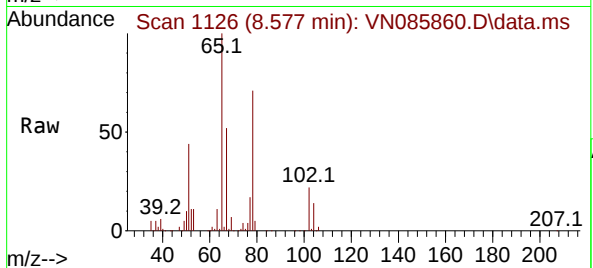
67 52.5 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085860.D

Acq: 25 Feb 2025 16:42

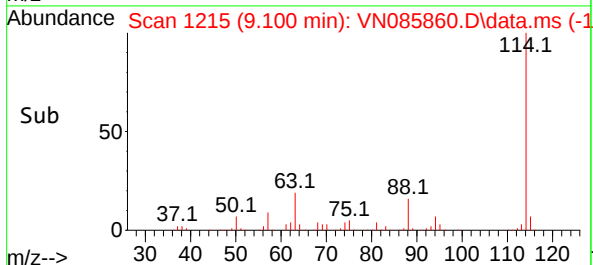
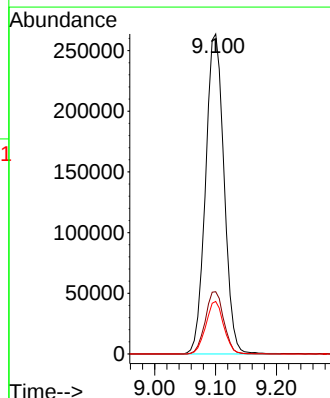
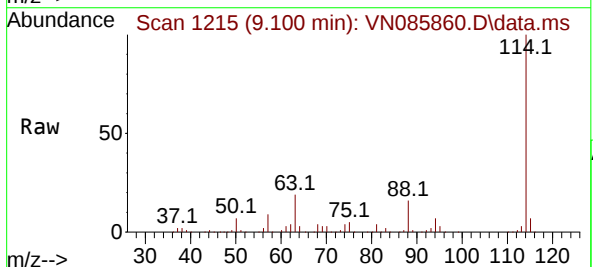
Tgt Ion:114 Resp: 554394

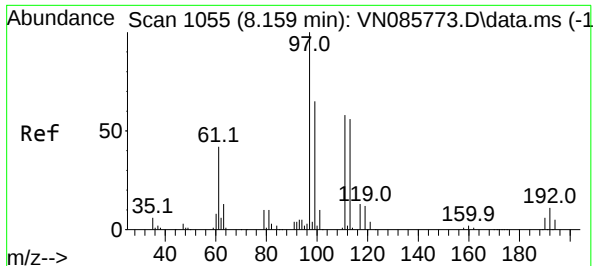
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 16.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.864 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085860.D

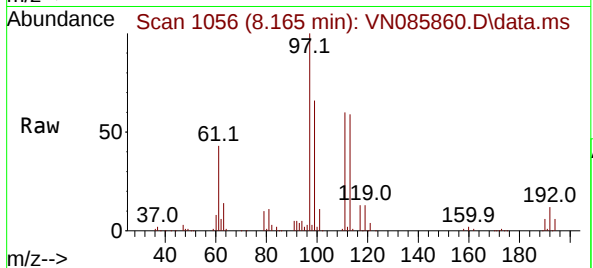
Acq: 25 Feb 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



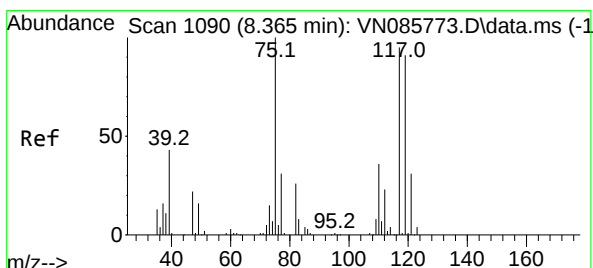
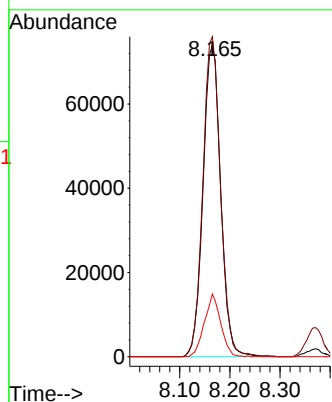
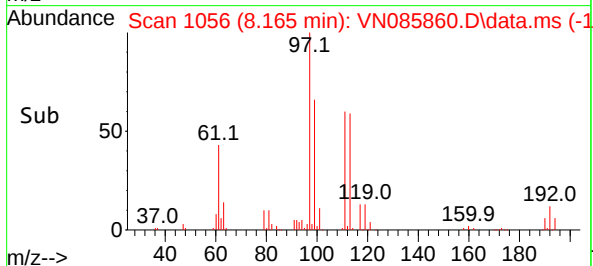
Tgt Ion:	113	Resp:	18089
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.2	123.4
192	18.6	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#36

1,1-Dichloropropene

Concen: 46.571 ug/l

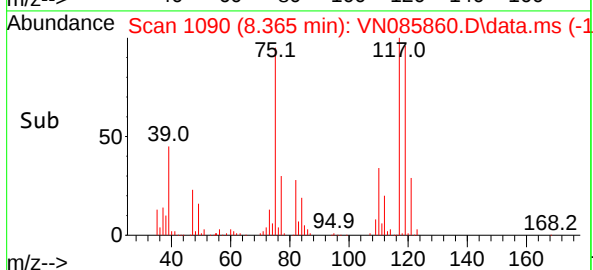
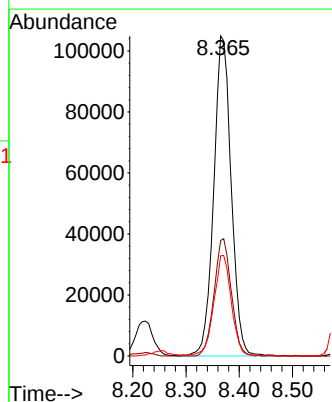
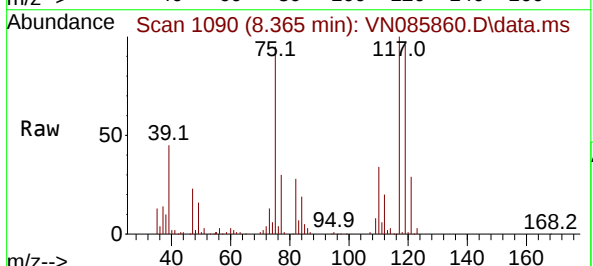
RT: 8.365 min Scan# 1090

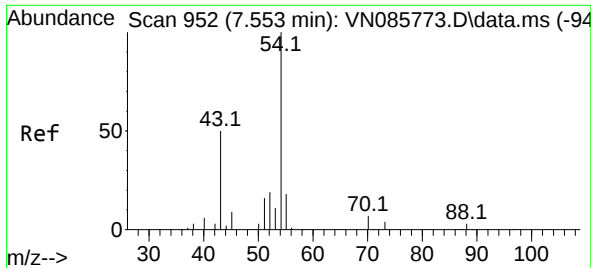
Delta R.T. 0.000 min

Lab File: VN085860.D

Acq: 25 Feb 2025 16:42

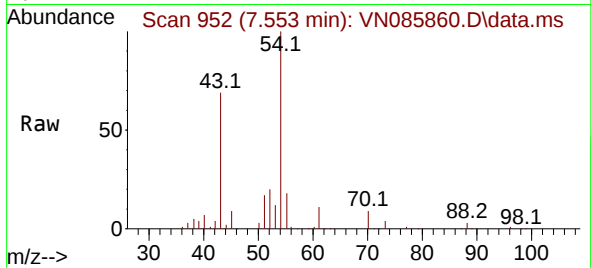
Tgt Ion:	75	Resp:	239102
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.3	52.0
77	31.5	24.6	37.0





#37
Ethyl Acetate
Concen: 51.423 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

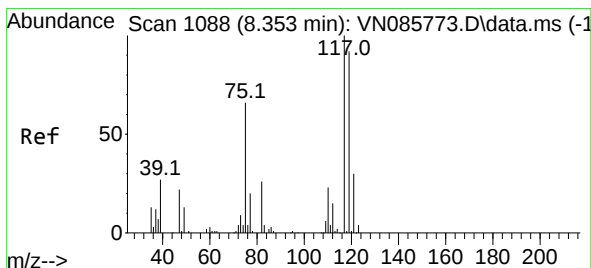
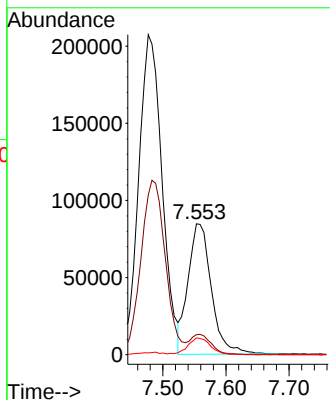
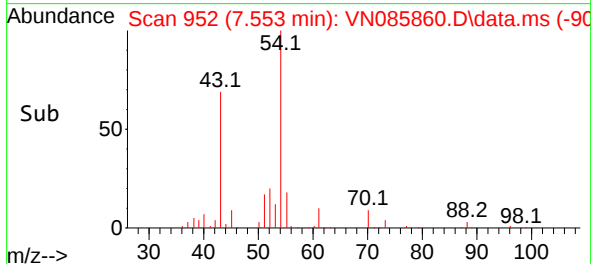
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



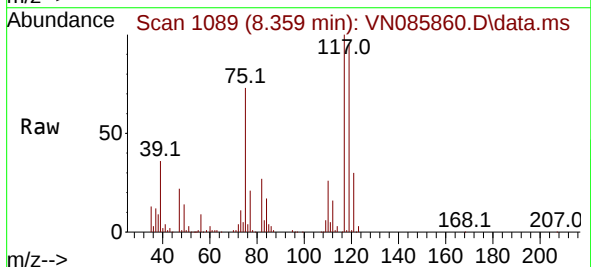
Tgt Ion: 43 Resp: 217270
Ion Ratio Lower Upper
43 100
61 14.2 12.2 18.2
70 12.5 9.5 14.3

Manual Integrations
APPROVED

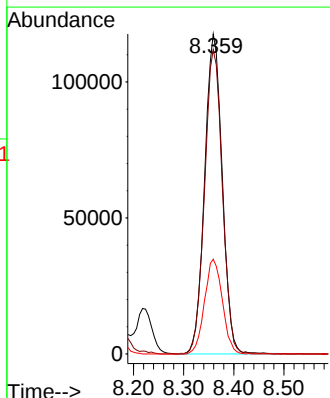
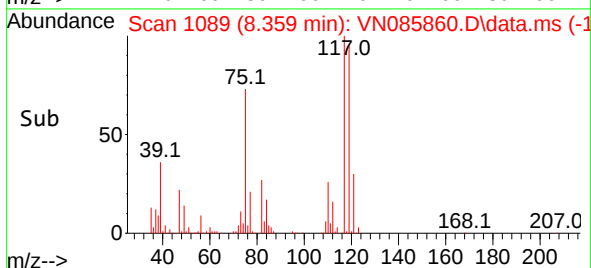
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

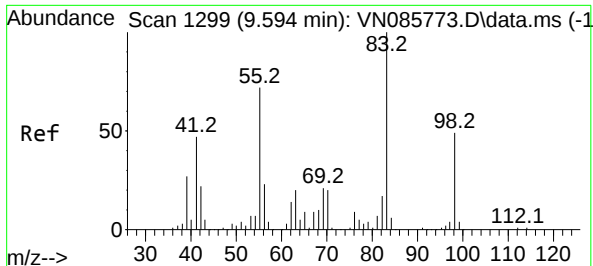


#38
Carbon Tetrachloride
Concen: 46.999 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



Tgt Ion:117 Resp: 286710
Ion Ratio Lower Upper
117 100
119 95.1 73.8 110.6
121 29.6 24.3 36.5





#39

Methylcyclohexane

Concen: 48.489 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085860.D

Acq: 25 Feb 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 244570

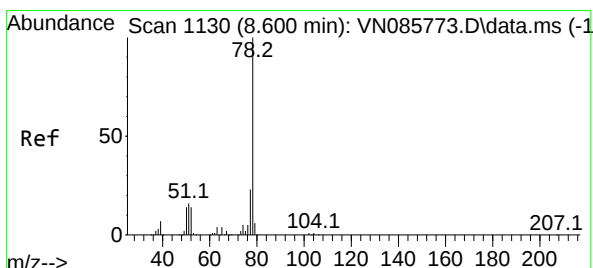
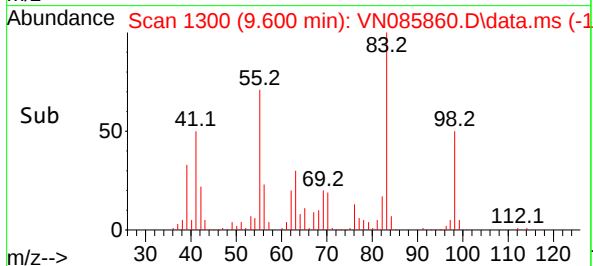
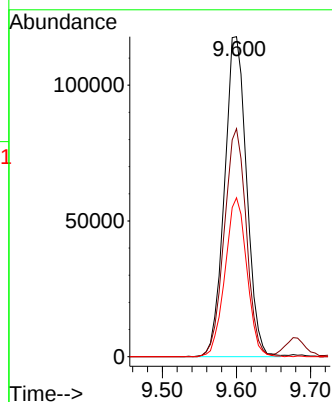
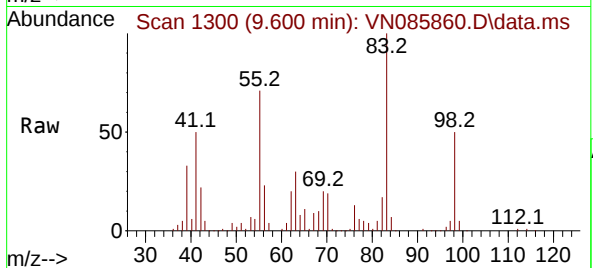
Ion	Ratio	Lower	Upper
83	100		
55	71.2	57.5	86.3
98	49.6	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#40

Benzene

Concen: 45.663 ug/l

RT: 8.606 min Scan# 1131

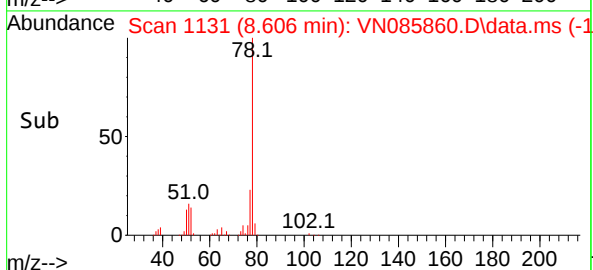
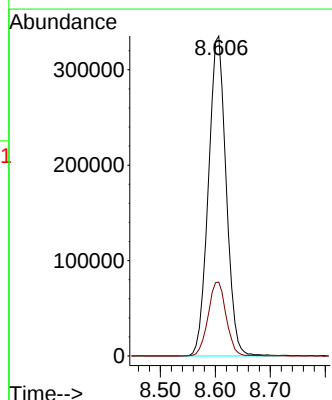
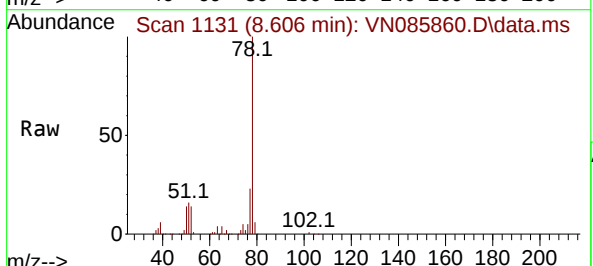
Delta R.T. 0.006 min

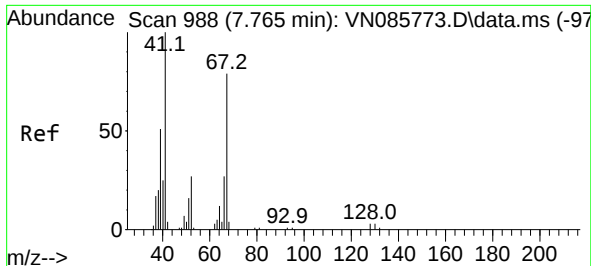
Lab File: VN085860.D

Acq: 25 Feb 2025 16:42

Tgt Ion: 78 Resp: 751399

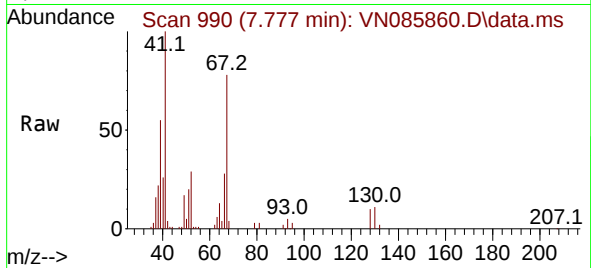
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.3	27.5





#41
Methacrylonitrile
Concen: 51.749 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

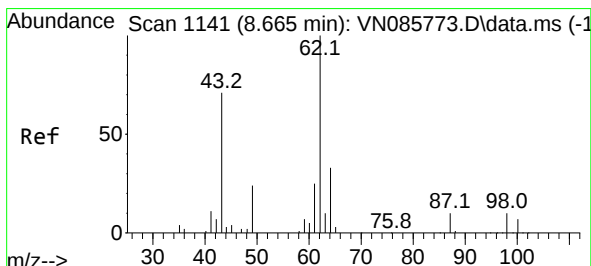
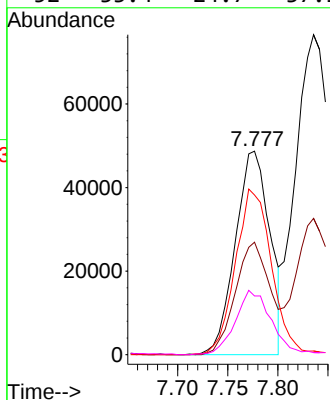
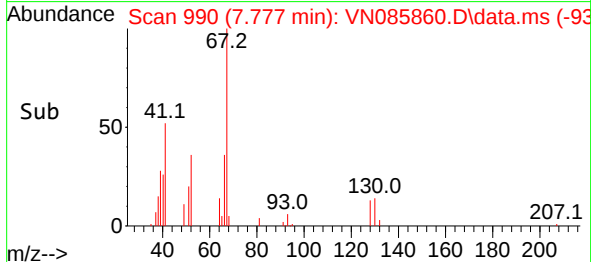
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



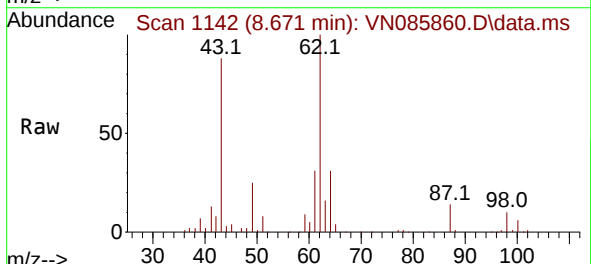
Tgt Ion: 41 Resp: 11688
Ion Ratio Lower Upper
41 100
39 54.6 42.0 63.0
67 86.0 64.2 96.4
52 33.4 24.7 37.1

Manual Integrations
APPROVED

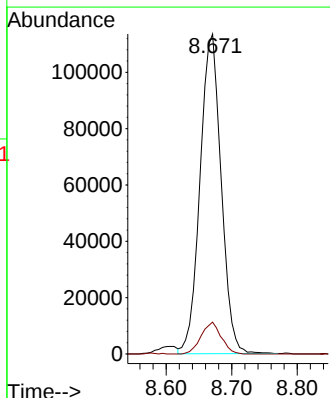
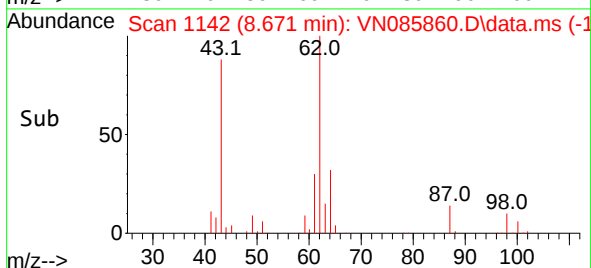
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

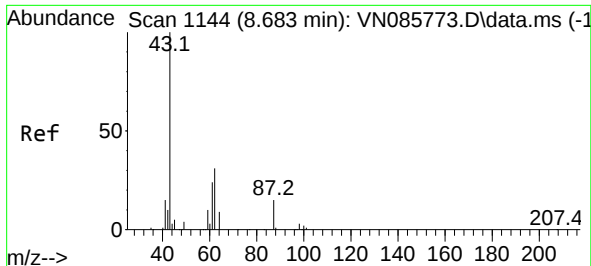


#42
1,2-Dichloroethane
Concen: 47.468 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



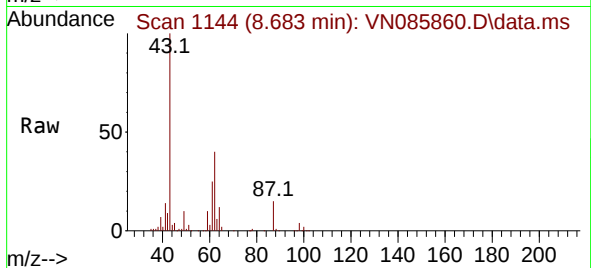
Tgt Ion: 62 Resp: 254426
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.6





#43
Isopropyl Acetate
Concen: 50.361 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

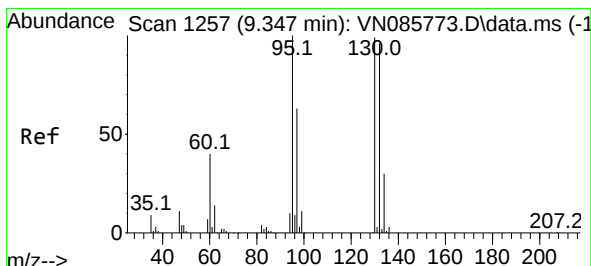
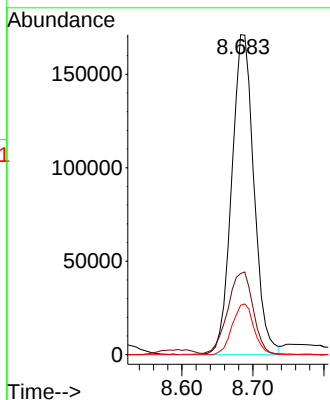
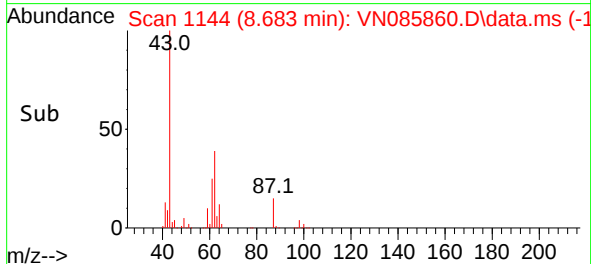
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 373394
Ion Ratio Lower Upper
43 100
61 29.3 22.6 34.0
87 15.5 11.8 17.8

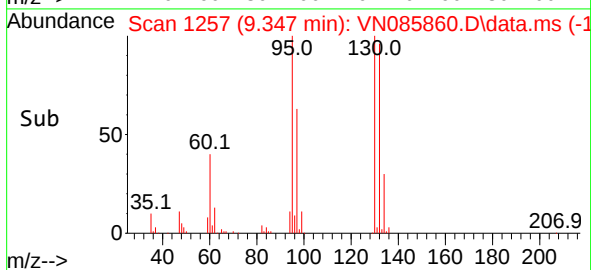
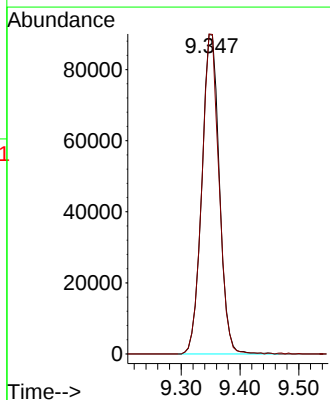
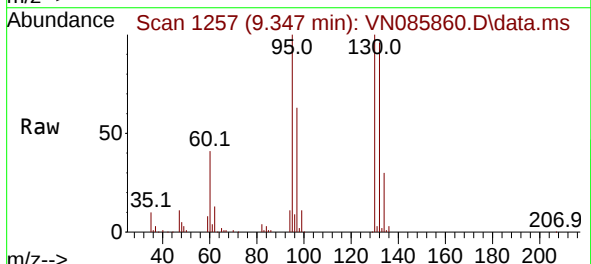
Manual Integrations
APPROVED

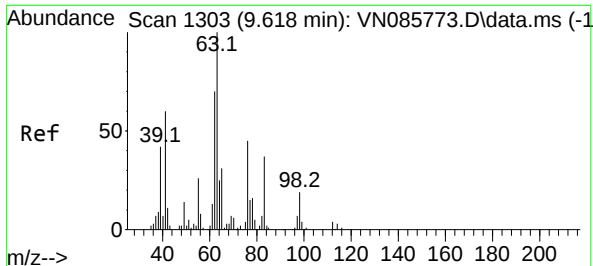
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#44
Trichloroethene
Concen: 46.014 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

Tgt Ion:130 Resp: 185910
Ion Ratio Lower Upper
130 100
95 100.1 0.0 202.6





#45

1,2-Dichloropropane

Concen: 45.773 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085860.D

Acq: 25 Feb 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 181809

Ion Ratio Lower Upper

63 100

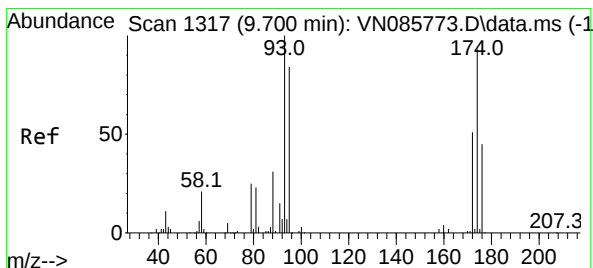
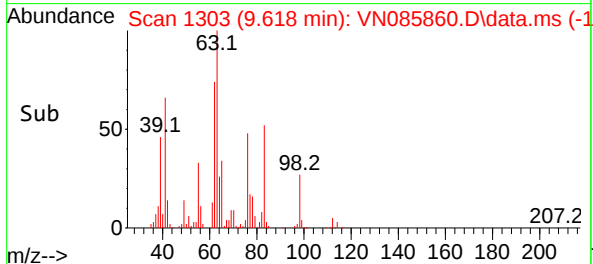
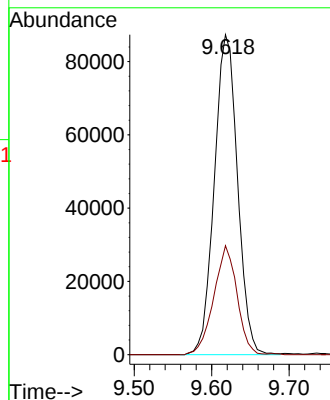
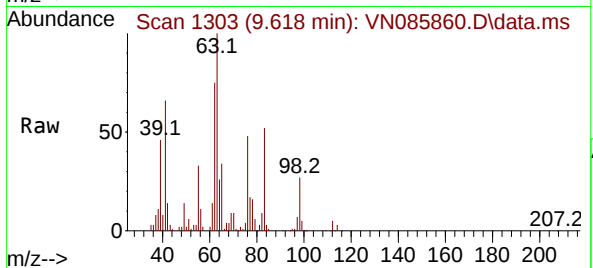
65 34.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#46

Dibromomethane

Concen: 47.905 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085860.D

Acq: 25 Feb 2025 16:42

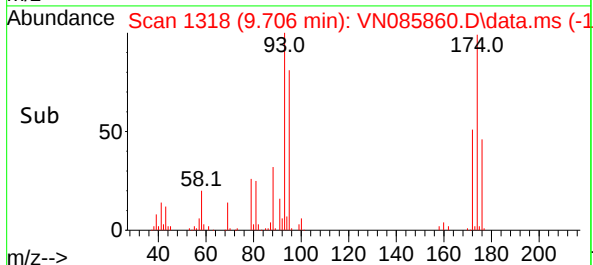
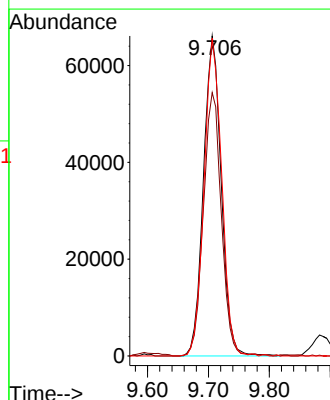
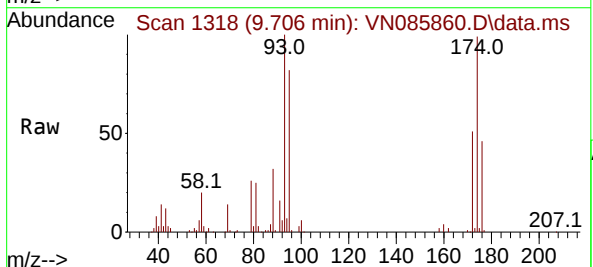
Tgt Ion: 93 Resp: 134216

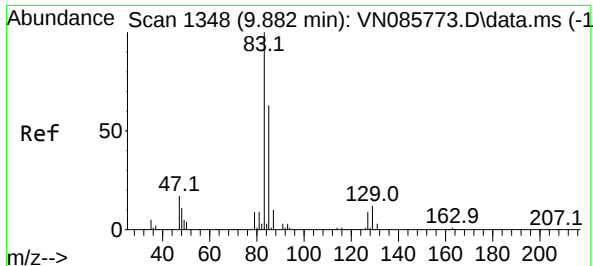
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

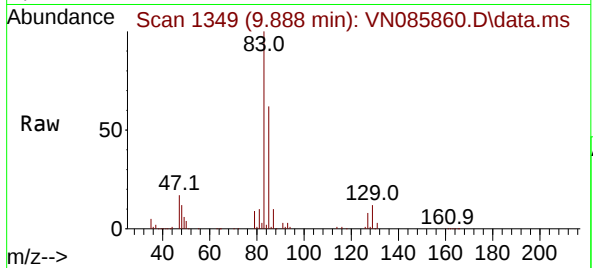
174 98.6 77.2 115.8





#47
Bromodichloromethane
Concen: 47.732 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

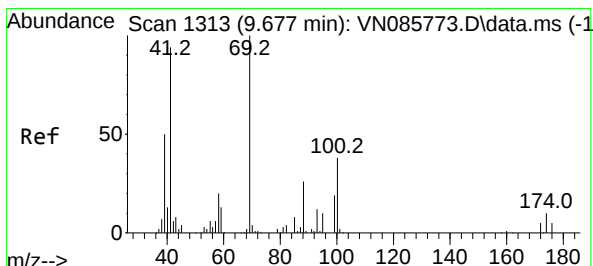
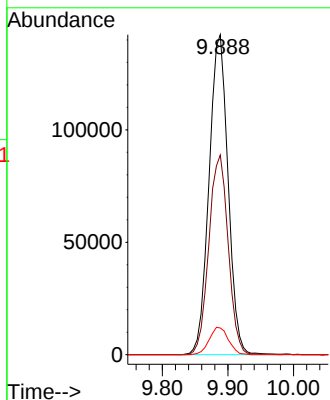
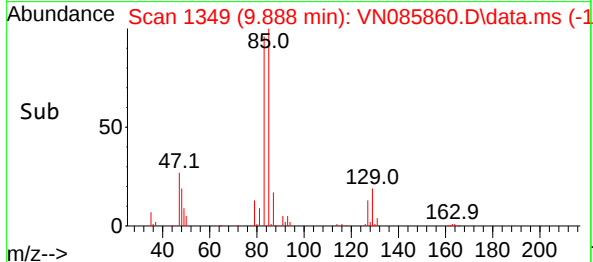
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



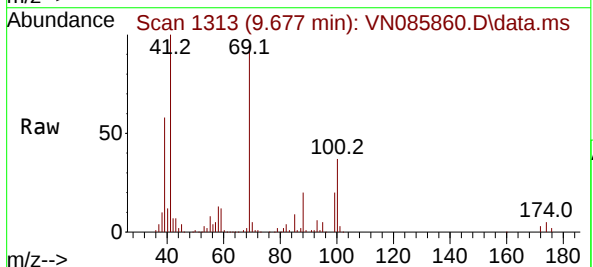
Tgt Ion: 83 Resp: 28611
Ion Ratio Lower Upper
83 100
85 62.4 50.5 75.7
127 8.4 7.2 10.8

Manual Integrations
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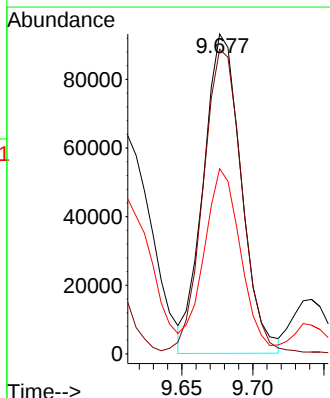
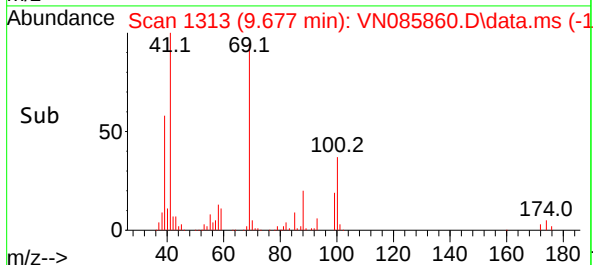
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

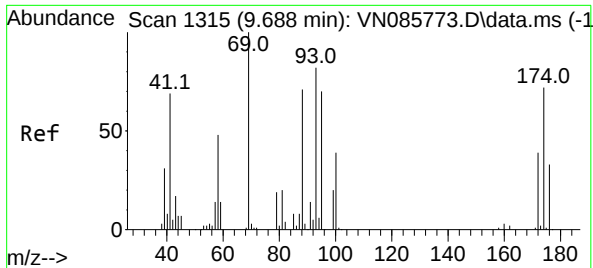


#48
Methyl methacrylate
Concen: 55.152 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



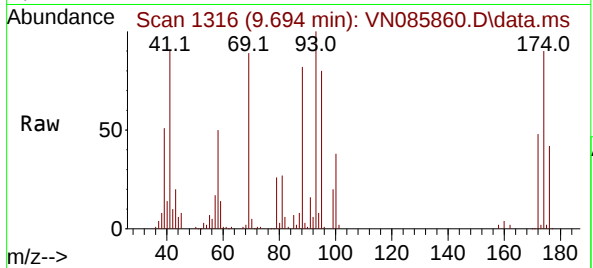
Tgt Ion: 41 Resp: 173057
Ion Ratio Lower Upper
41 100
69 97.7 76.0 114.0
39 57.1 42.3 63.5





#49
1,4-Dioxane
Concen: 1248.041 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

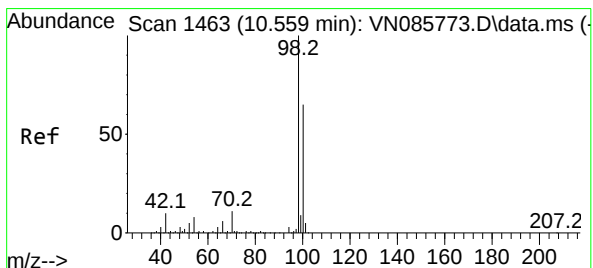
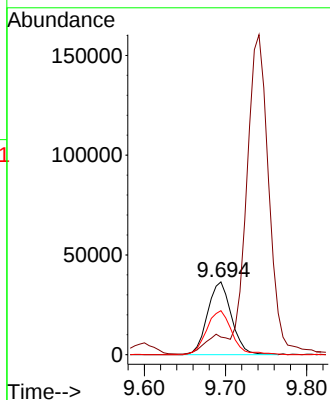
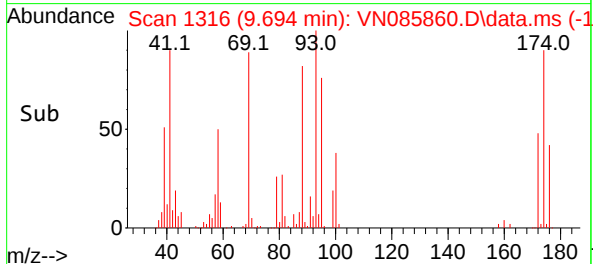
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



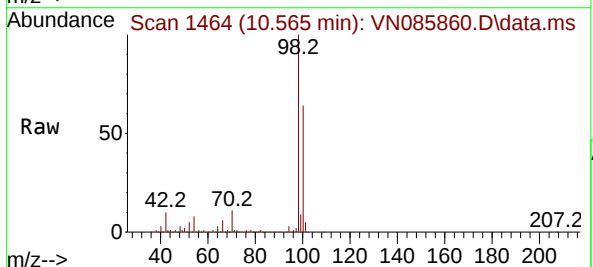
Tgt Ion: 88 Resp: 74470
Ion Ratio Lower Upper
88 100
43 26.6 18.6 27.8
58 64.4 56.7 85.1

Manual Integrations
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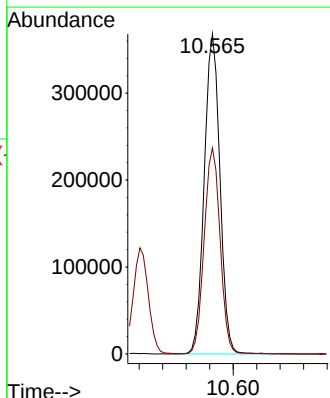
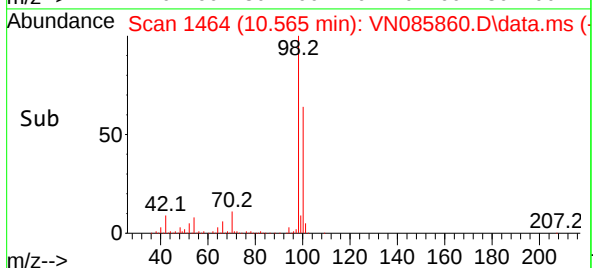
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

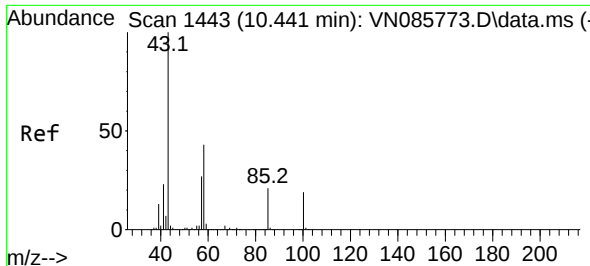


#50
Toluene-d8
Concen: 51.466 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



Tgt Ion: 98 Resp: 679284
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1





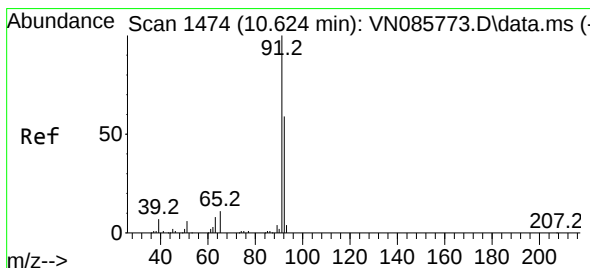
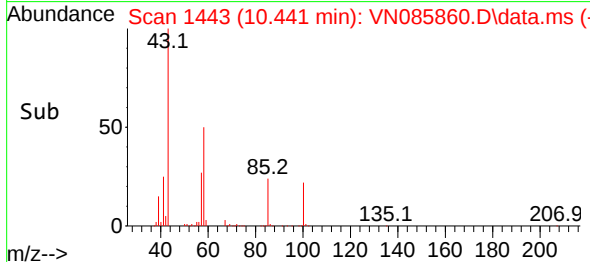
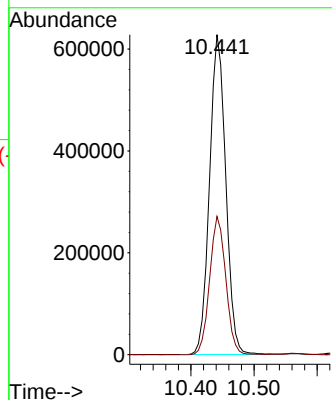
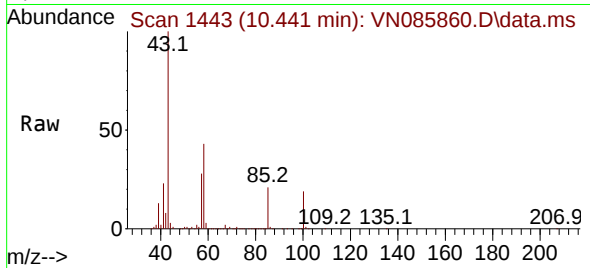
#51
4-Methyl-2-Pentanone
Concen: 275.483 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 112220
Ion Ratio Lower Upper
43 100
58 43.0 34.6 52.0

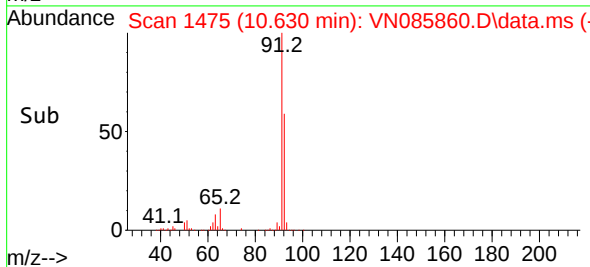
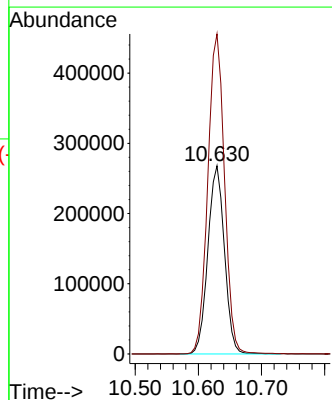
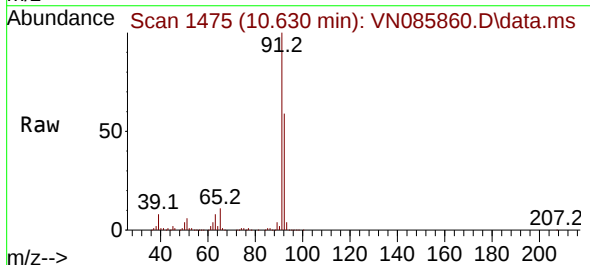
Manual Integrations
APPROVED

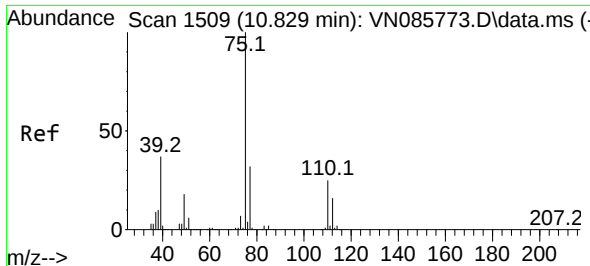
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#52
Toluene
Concen: 50.527 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

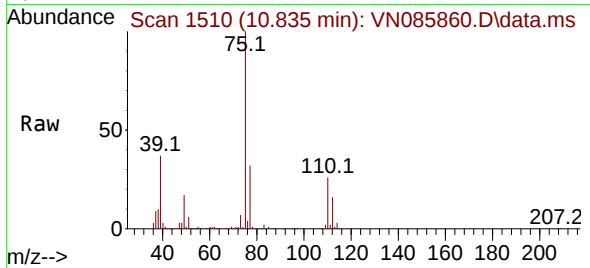
Tgt Ion: 92 Resp: 487380
Ion Ratio Lower Upper
92 100
91 171.6 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 52.606 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

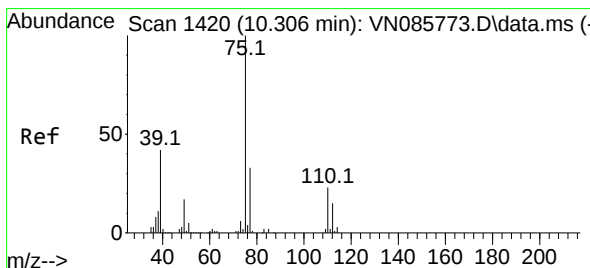
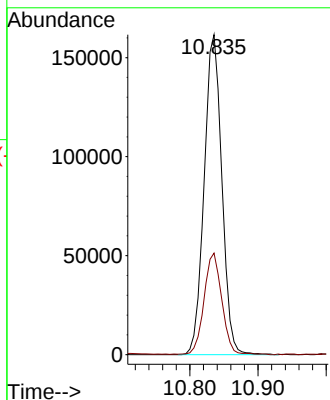
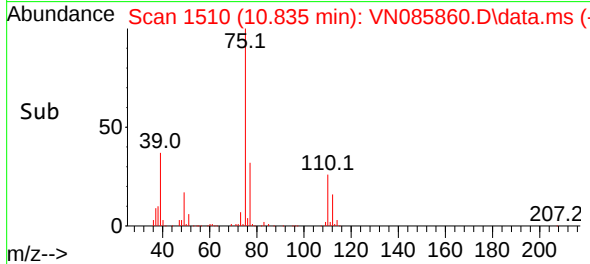
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 29158
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

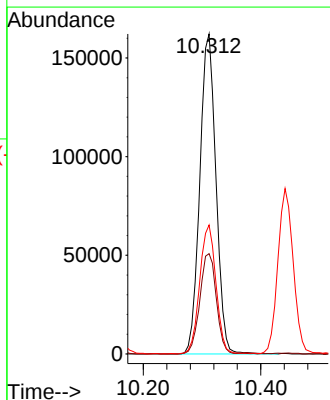
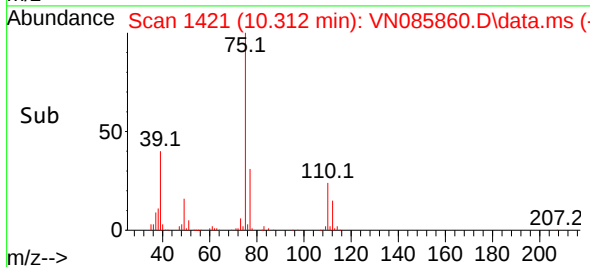
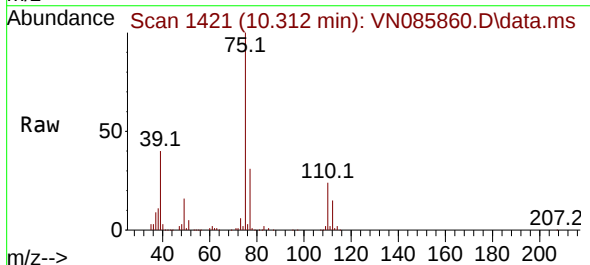
Manual Integrations
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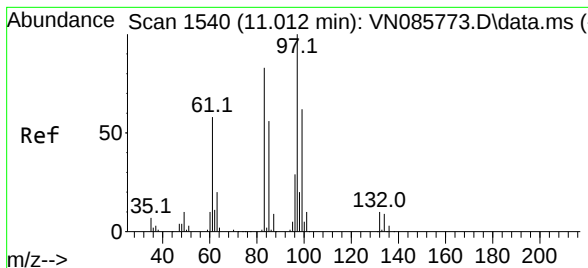
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#54
cis-1,3-Dichloropropene
Concen: 50.933 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

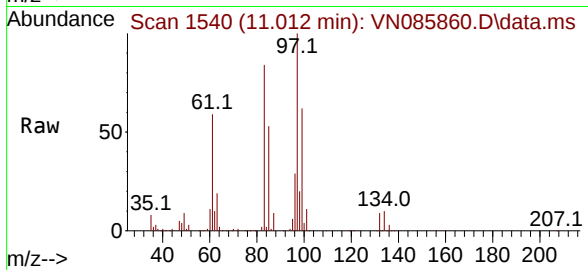
Tgt Ion: 75 Resp: 309569
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1
39 40.3 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 48.838 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

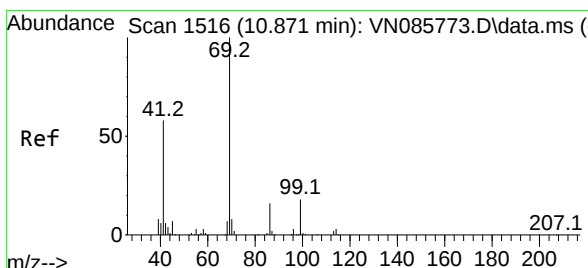
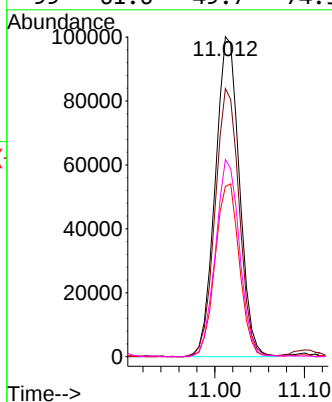
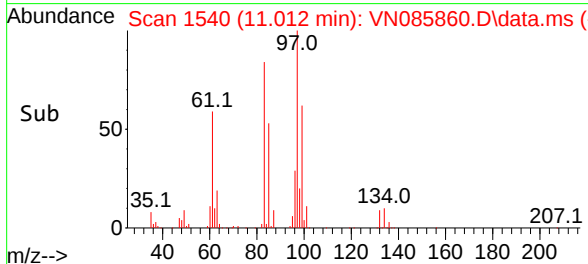
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



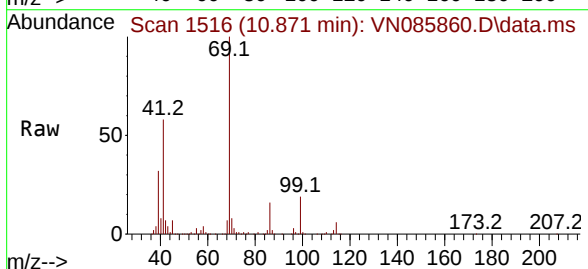
Tgt Ion: 97 Resp: 187299
Ion Ratio Lower Upper
97 100
83 83.8 66.1 99.1
85 53.2 44.7 67.1
99 61.6 49.7 74.5

Manual Integrations
APPROVED

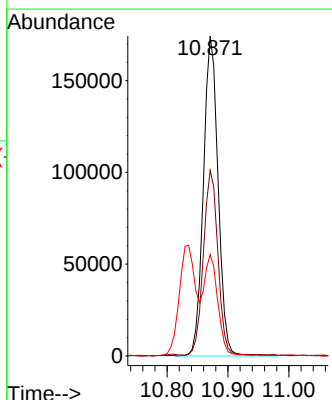
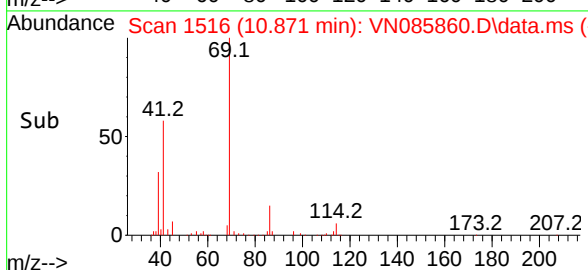
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

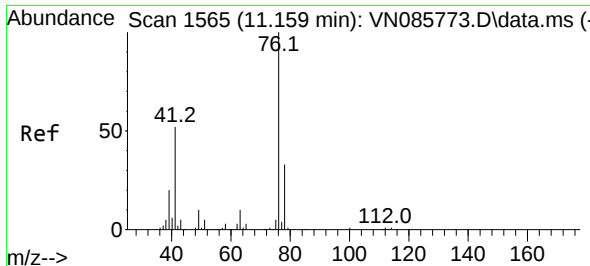


#56
Ethyl methacrylate
Concen: 52.803 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



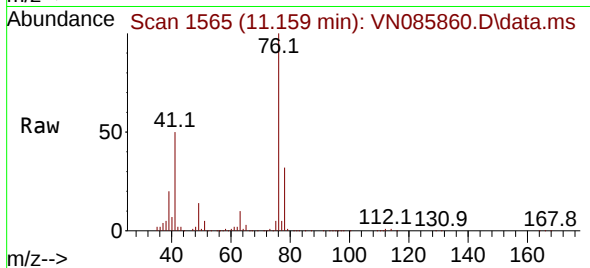
Tgt Ion: 69 Resp: 293169
Ion Ratio Lower Upper
69 100
41 56.8 46.0 69.0
39 29.7 22.0 33.0





#57
1,3-Dichloropropane
Concen: 48.824 ug/l
RT: 11.159 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

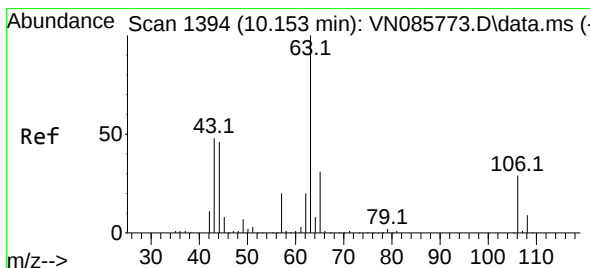
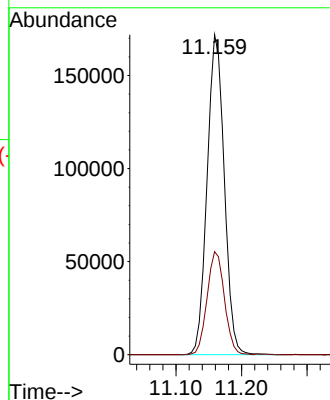
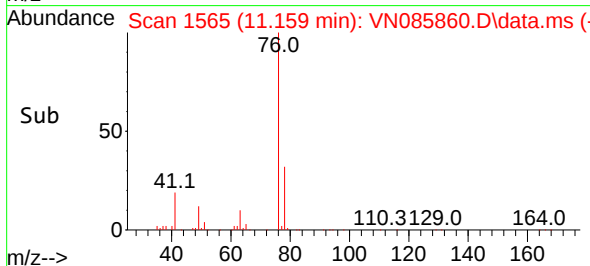
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



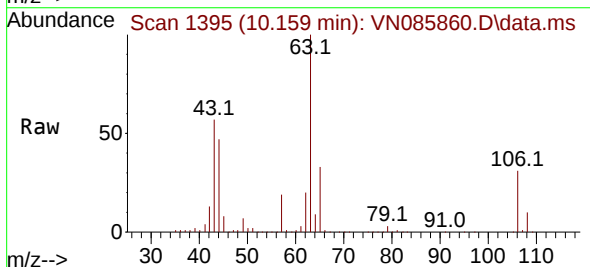
Tgt Ion: 76 Resp: 312579
Ion Ratio Lower Upper
76 100
78 32.6 25.9 38.9

Manual Integrations
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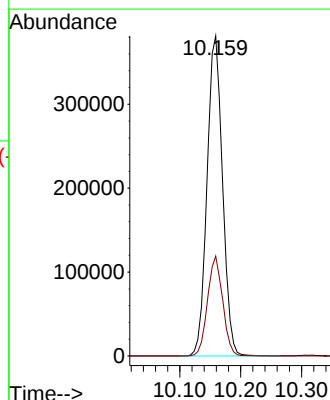
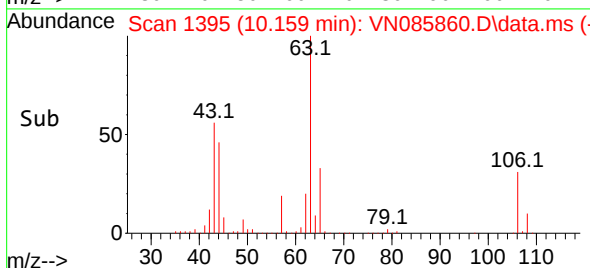
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

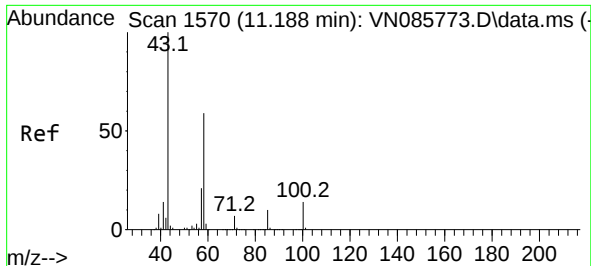


#58
2-Chloroethyl Vinyl ether
Concen: 295.423 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



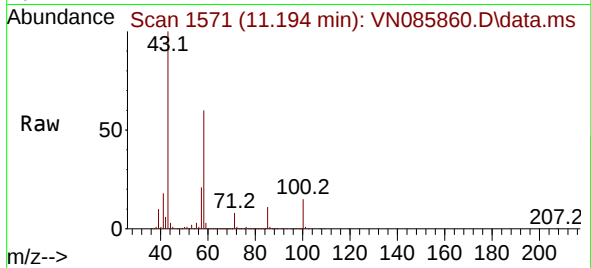
Tgt Ion: 63 Resp: 673643
Ion Ratio Lower Upper
63 100
106 30.5 22.7 34.1





#59
2-Hexanone
Concen: 292.977 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

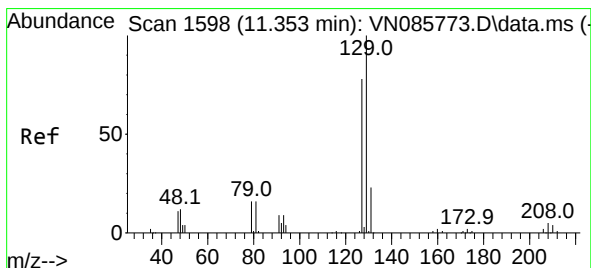
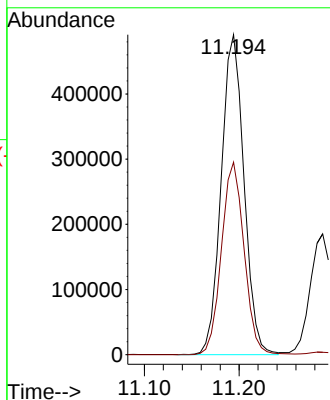
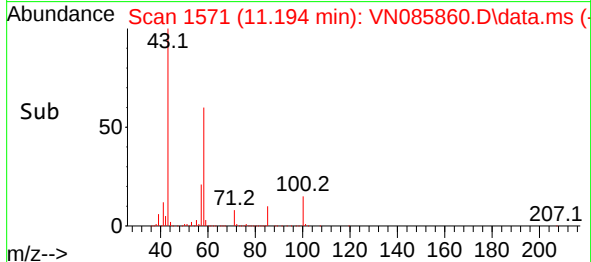
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 821038
Ion Ratio Lower Upper
43 100
58 59.7 29.8 89.5

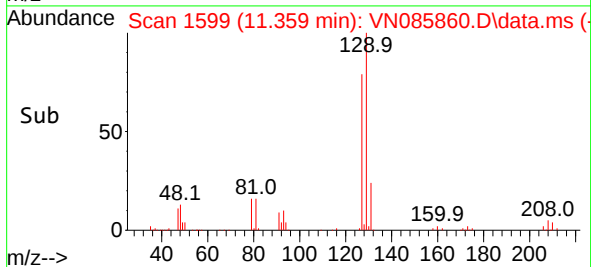
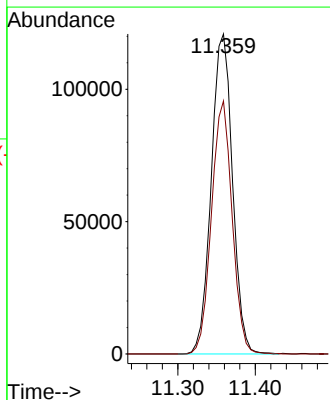
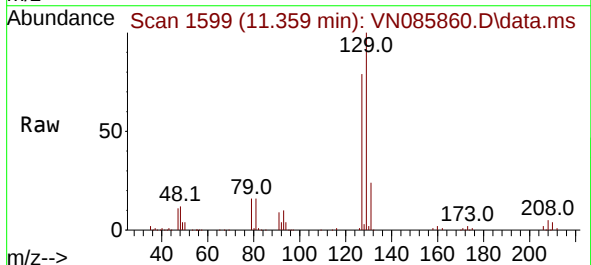
Manual Integrations
APPROVED

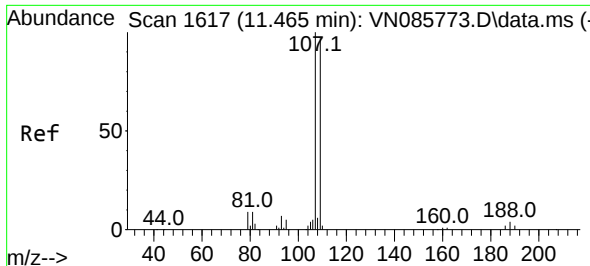
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#60
Dibromochloromethane
Concen: 51.607 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

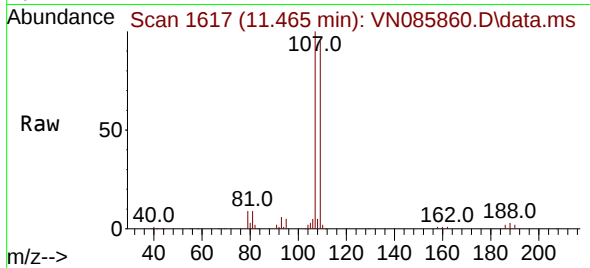
Tgt Ion:129 Resp: 230468
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.5





#61
1,2-Dibromoethane
Concen: 51.837 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

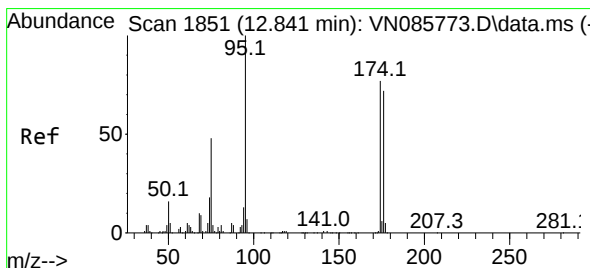
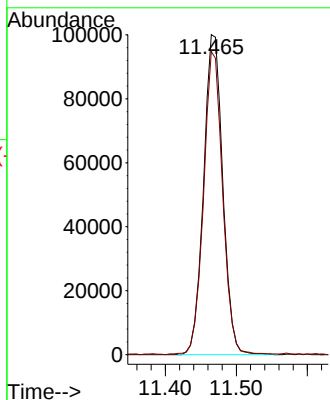
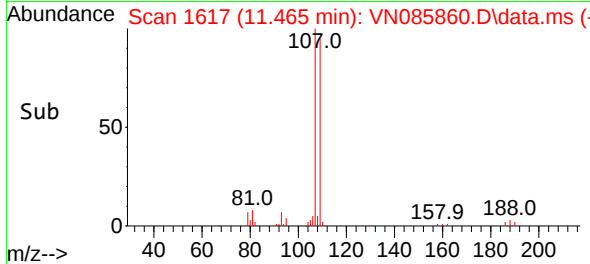
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



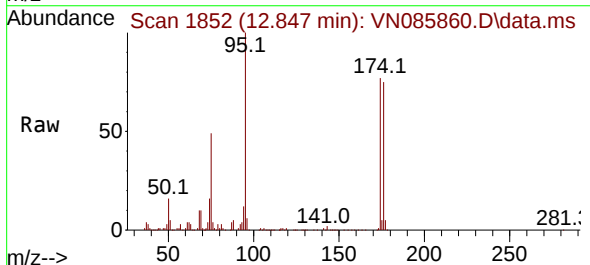
Tgt Ion:107 Resp: 187838
Ion Ratio Lower Upper
107 100
109 94.3 76.0 114.0

Manual Integrations
APPROVED

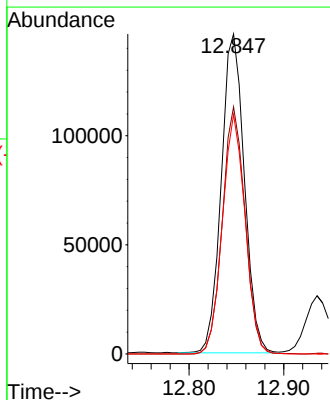
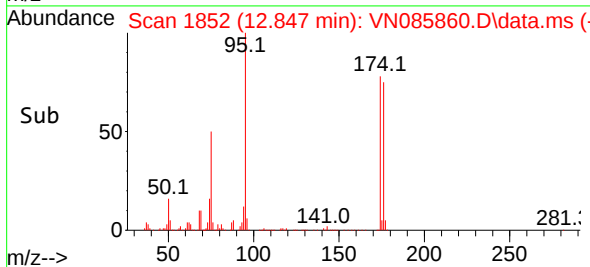
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

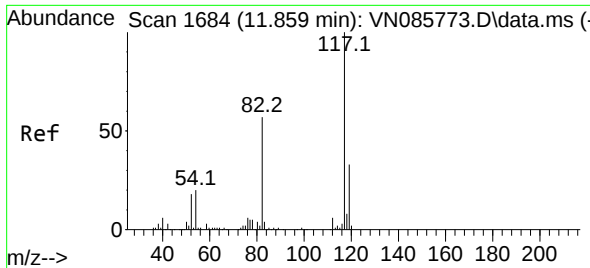


#62
4-Bromofluorobenzene
Concen: 56.920 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



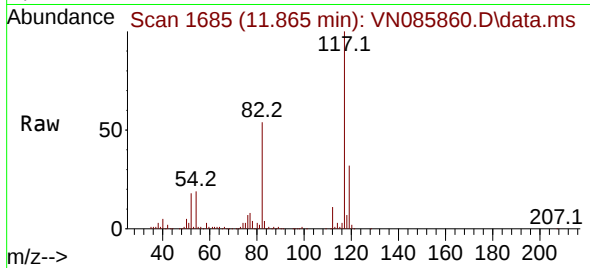
Tgt Ion: 95 Resp: 247526
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.4
176 74.0 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

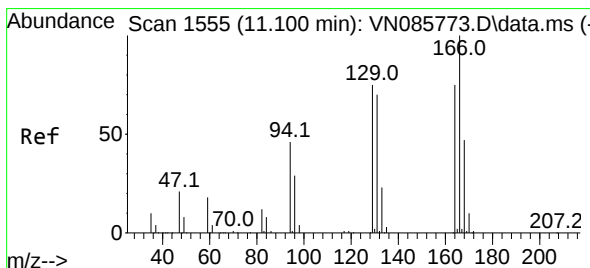
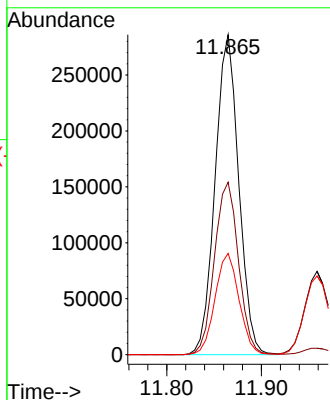
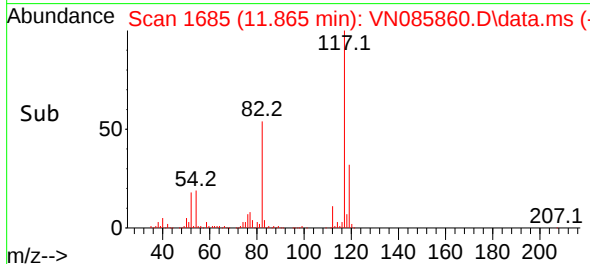
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 496104
Ion Ratio Lower Upper
117 100
82 53.8 45.7 68.5
119 31.7 26.2 39.2

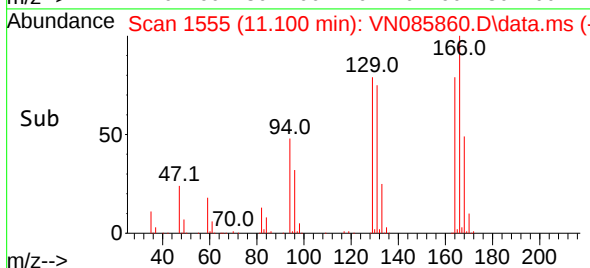
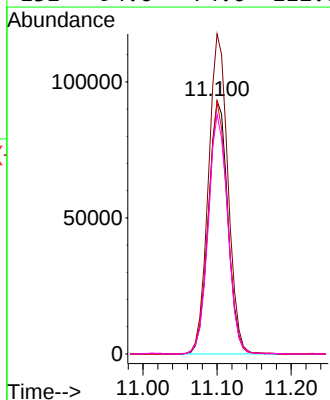
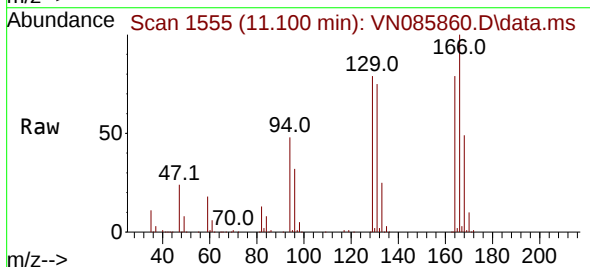
Manual Integrations
APPROVED

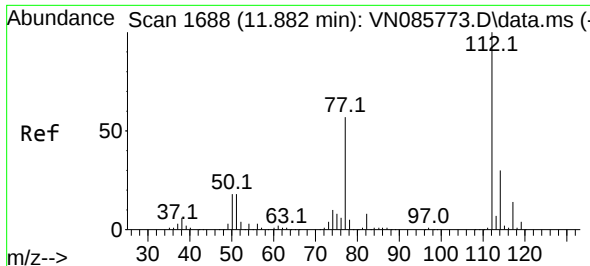
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#64
Tetrachloroethene
Concen: 44.219 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

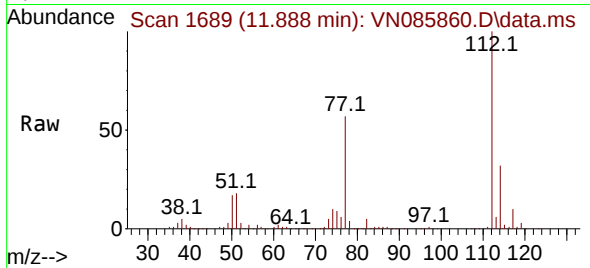
Tgt Ion:164 Resp: 169947
Ion Ratio Lower Upper
164 100
166 126.4 107.2 160.8
129 99.4 80.7 121.1
131 94.6 74.6 112.0





#65
Chlorobenzene
Concen: 47.475 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

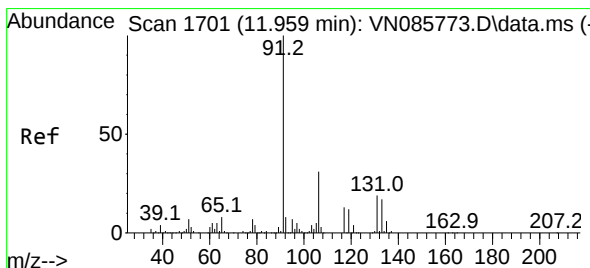
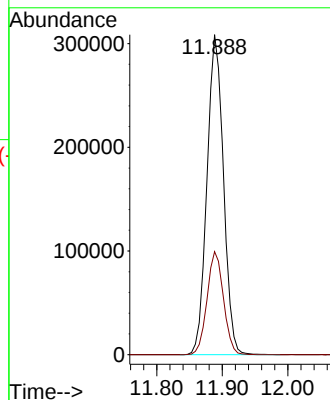
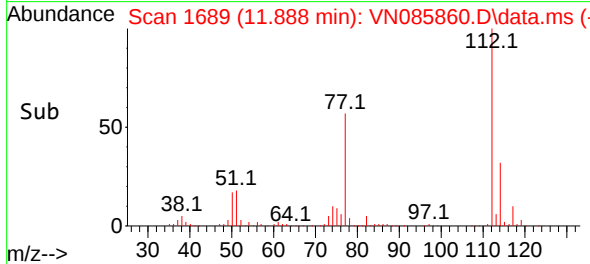
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



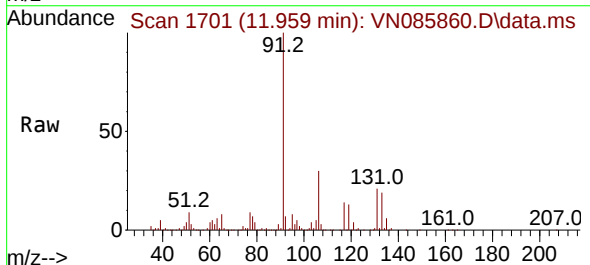
Tgt Ion:112 Resp: 539558
Ion Ratio Lower Upper
112 100
114 32.2 24.3 36.5

Manual Integrations
APPROVED

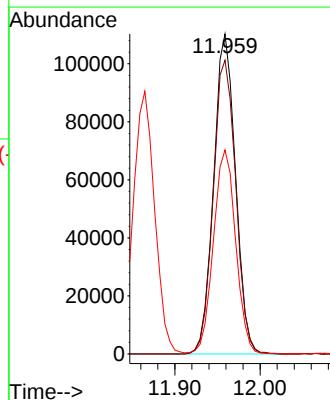
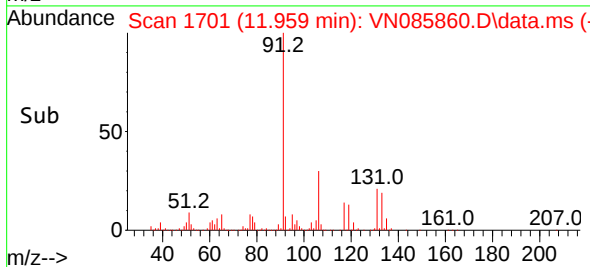
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

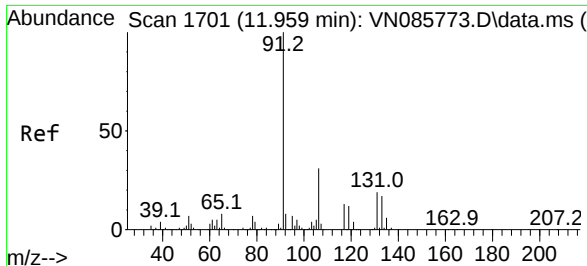


#66
1,1,1,2-Tetrachloroethane
Concen: 48.016 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



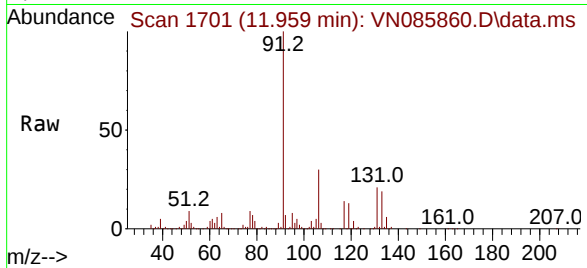
Tgt Ion:131 Resp: 196143
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 65.2 33.3 99.8





#67
Ethyl Benzene
Concen: 51.812 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

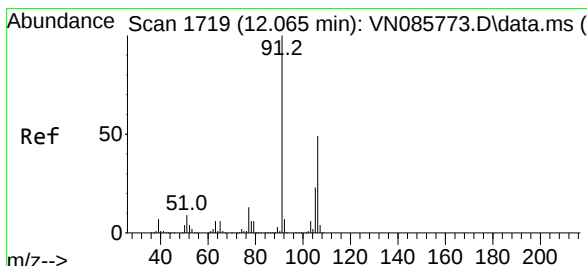
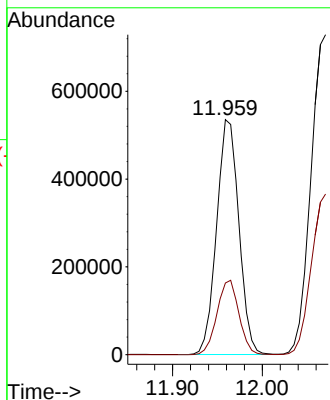
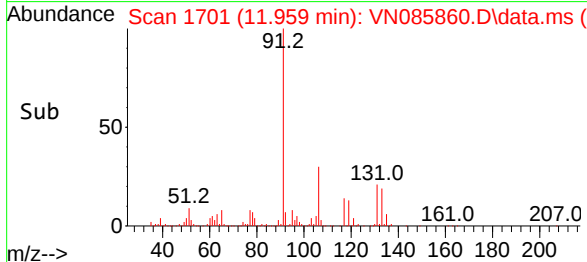
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



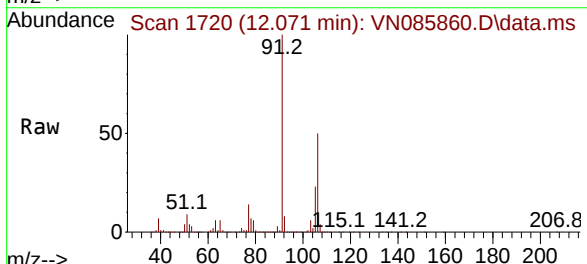
Tgt Ion: 91 Resp: 922380
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1

Manual Integrations
APPROVED

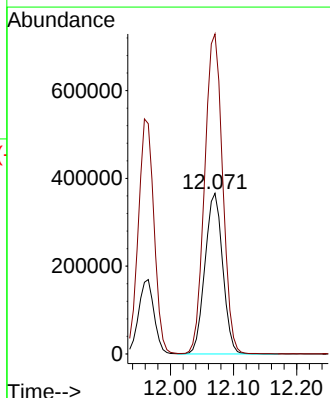
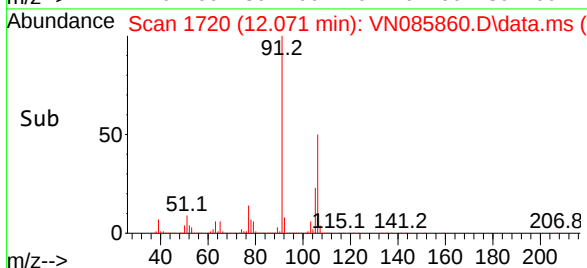
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

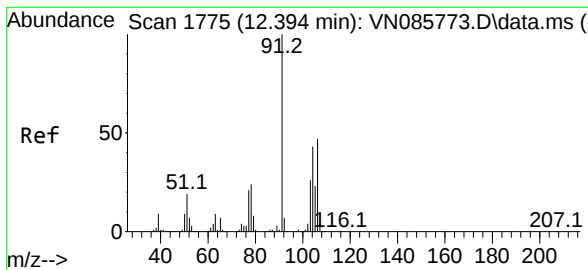


#68
m/p-Xylenes
Concen: 105.321 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



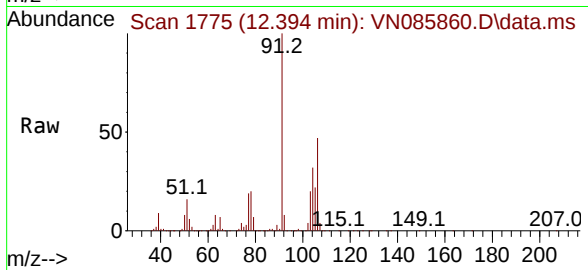
Tgt Ion:106 Resp: 712218
Ion Ratio Lower Upper
106 100
91 202.0 163.3 244.9





#69
o-Xylene
Concen: 53.909 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

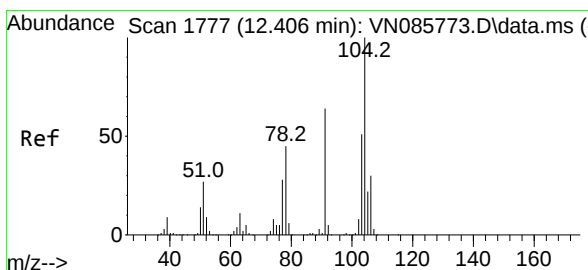
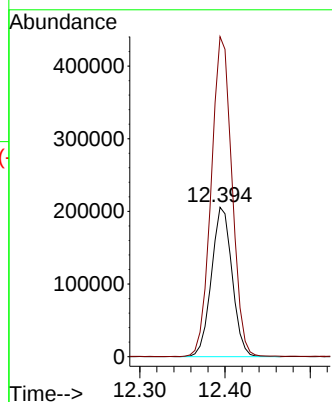
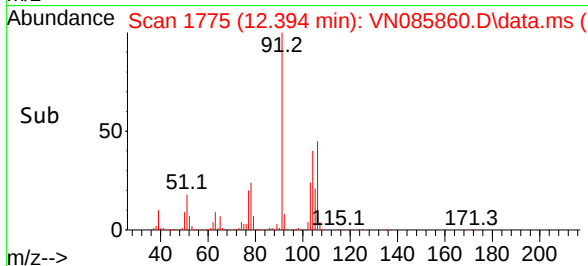
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 346414
Ion Ratio Lower Upper
106 100
91 215.2 107.1 321.4

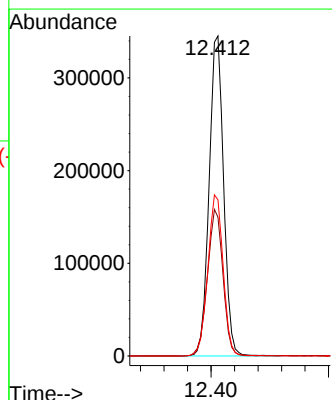
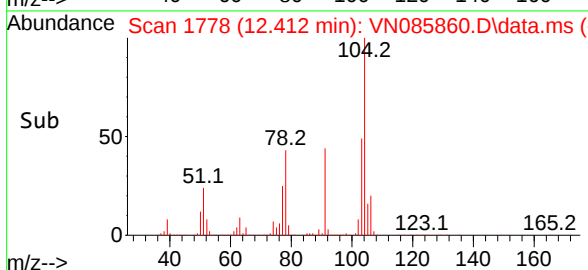
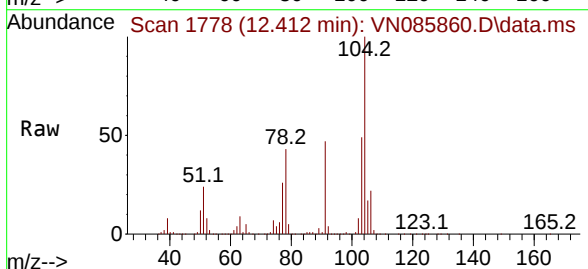
Manual Integrations
APPROVED

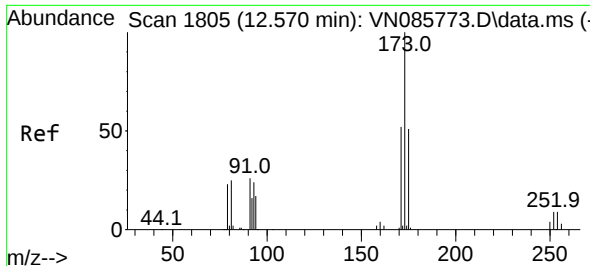
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#70
Styrene
Concen: 49.534 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

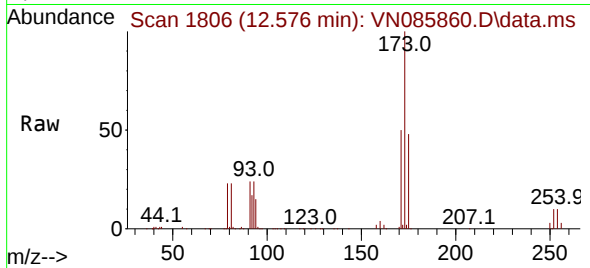
Tgt Ion:104 Resp: 591747
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 53.5 43.3 64.9





#71
Bromoform
Concen: 51.344 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

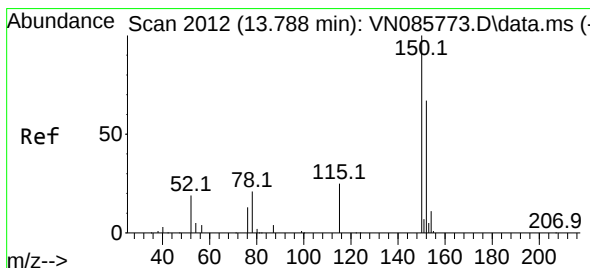
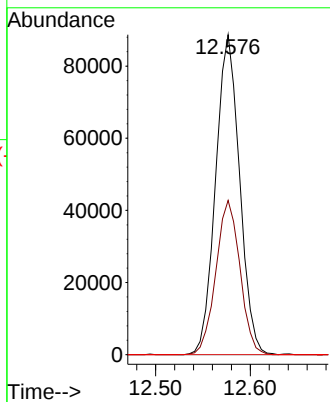
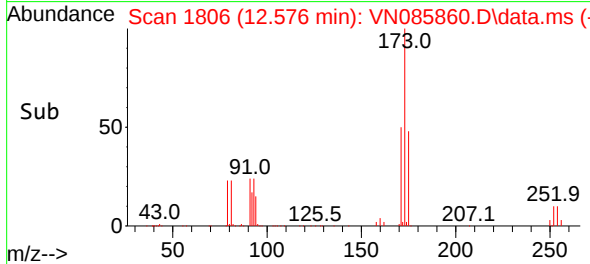
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



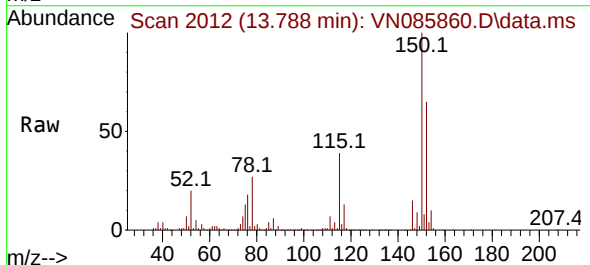
Tgt Ion:173 Resp: 15584
Ion Ratio Lower Upper
173 100
175 48.5 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

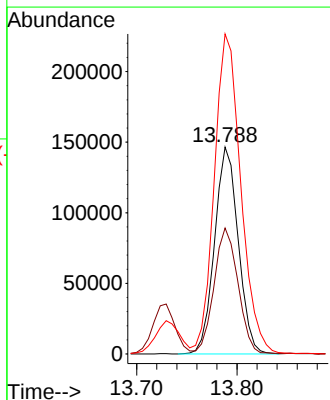
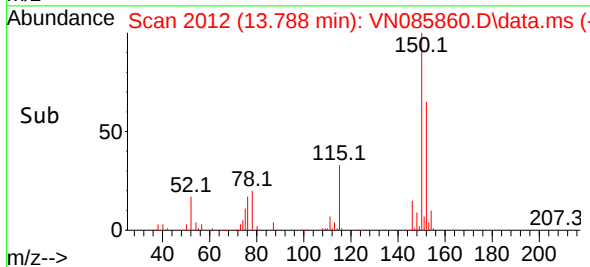
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

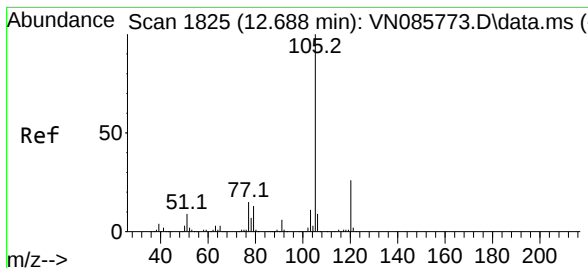


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



Tgt Ion:152 Resp: 239799
Ion Ratio Lower Upper
152 100
115 61.3 30.4 91.3
150 173.9 0.0 345.4





#73

Isopropylbenzene

Concen: 52.947 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085860.D

Acq: 25 Feb 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 86984

Ion Ratio Lower Upper

105 100

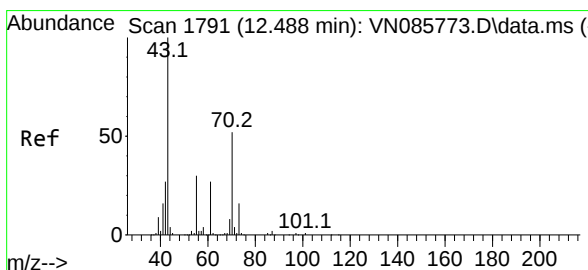
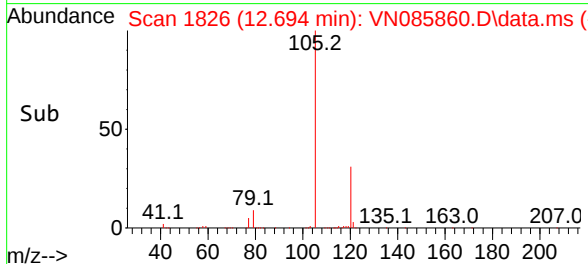
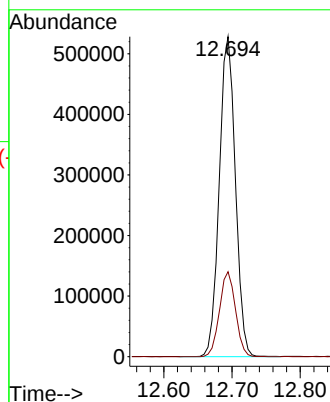
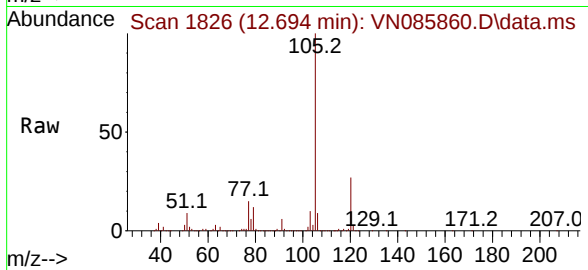
120 26.3 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#74

N-ethyl acetate

Concen: 54.364 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085860.D

Acq: 25 Feb 2025 16:42

Tgt Ion: 43 Resp: 314954

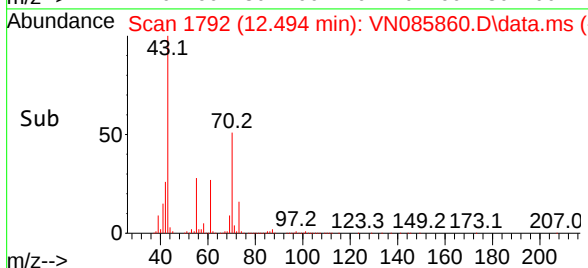
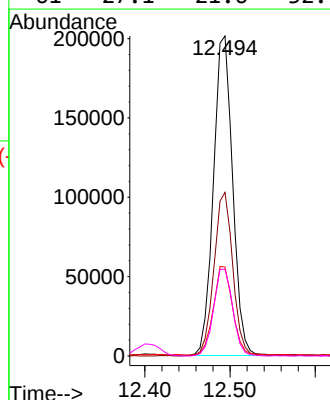
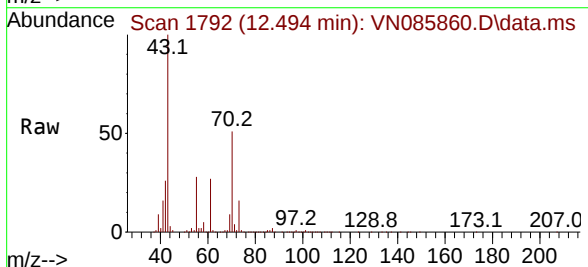
Ion Ratio Lower Upper

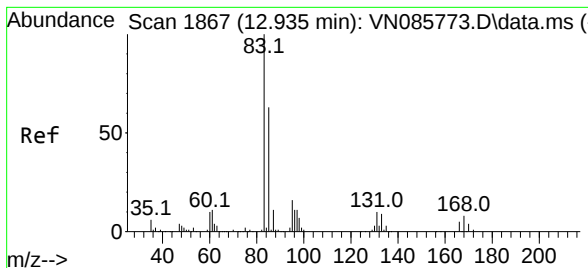
43 100

70 50.7 41.0 61.4

55 27.9 24.6 36.8

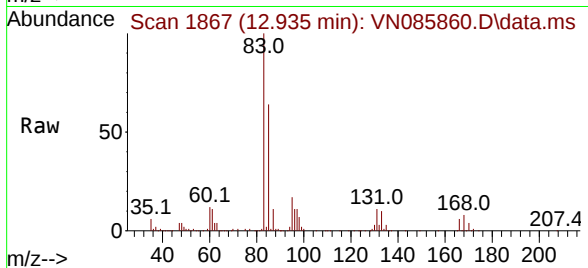
61 27.1 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 46.518 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

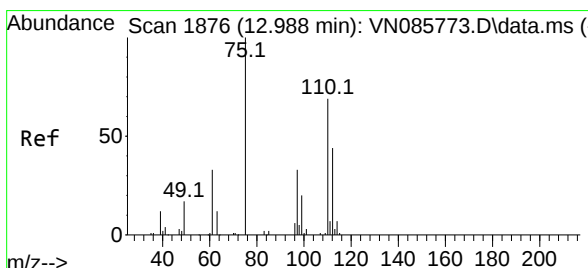
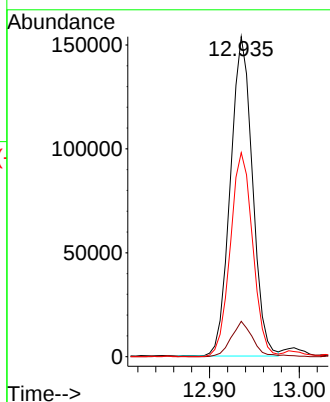
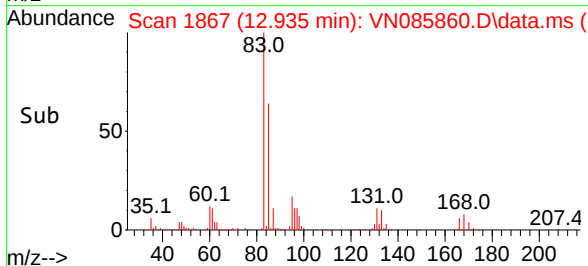
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



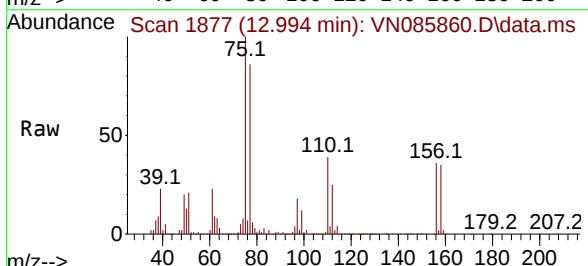
Tgt Ion: 83 Resp: 262970
Ion Ratio Lower Upper
83 100
131 10.9 5.0 15.0
85 64.8 32.2 96.6

Manual Integrations
APPROVED

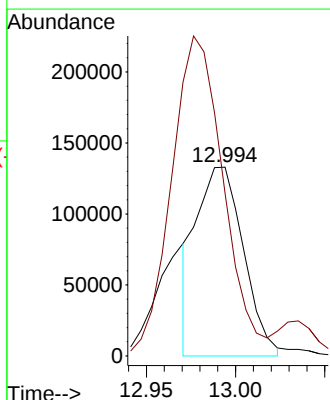
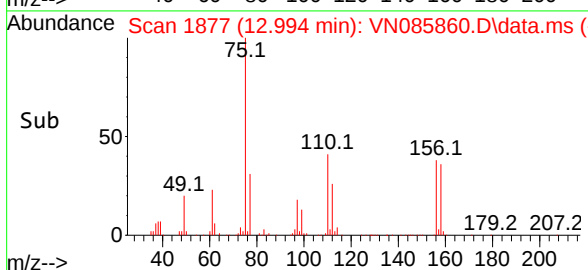
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

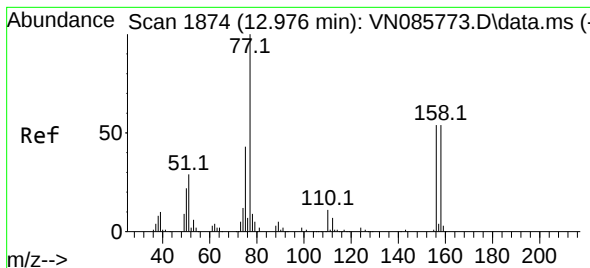


#76
1,2,3-Trichloropropane
Concen: 45.603 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



Tgt Ion: 75 Resp: 242916
Ion Ratio Lower Upper
75 100
77 187.2 100.0 300.0





#77

Bromobenzene

Concen: 49.387 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085860.D

Acq: 25 Feb 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 219204

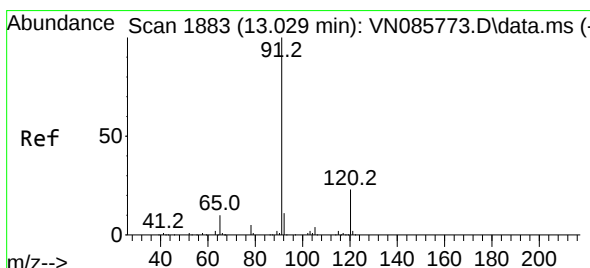
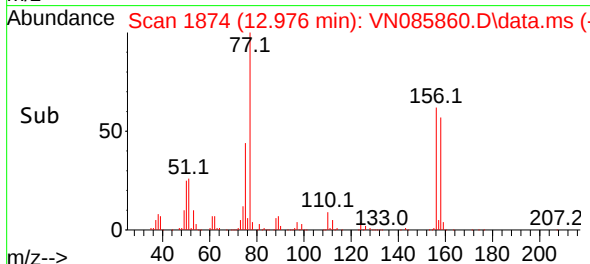
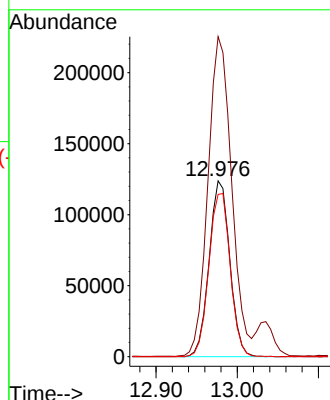
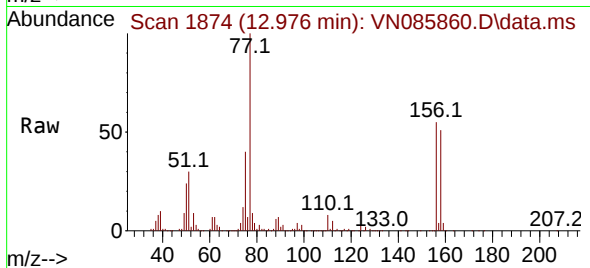
Ion	Ratio	Lower	Upper
156	100		
77	207.4	104.1	312.3
158	95.6	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#78

n-propylbenzene

Concen: 52.799 ug/l

RT: 13.035 min Scan# 1884

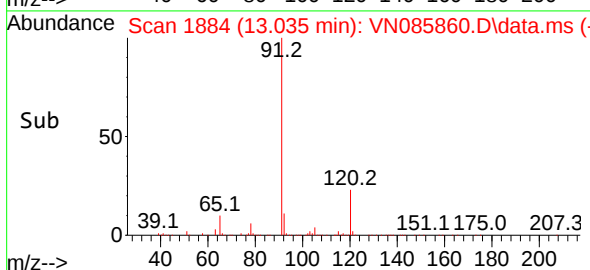
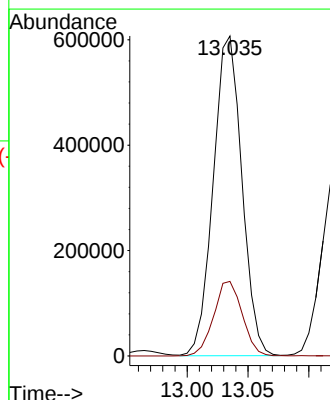
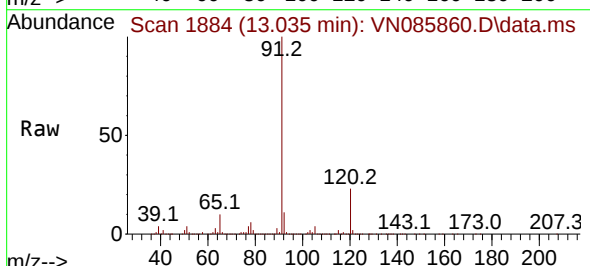
Delta R.T. 0.006 min

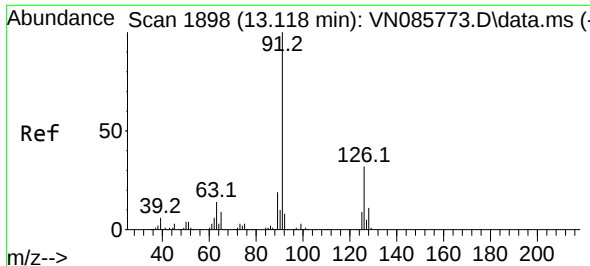
Lab File: VN085860.D

Acq: 25 Feb 2025 16:42

Tgt Ion: 91 Resp: 993387

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.3	33.8





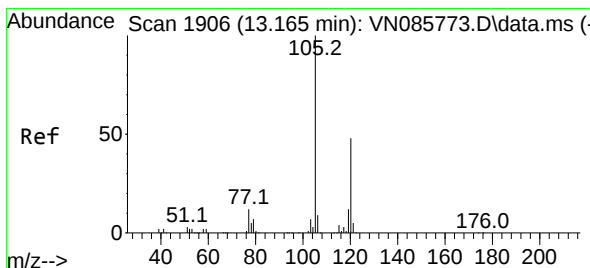
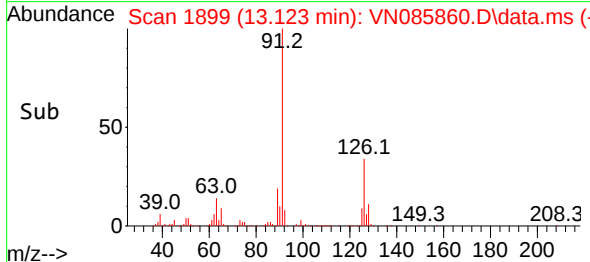
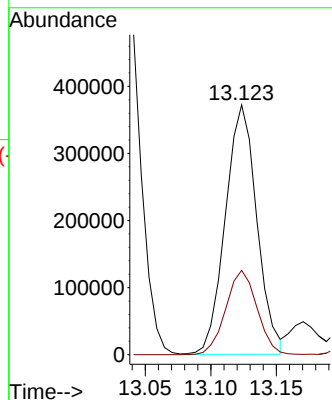
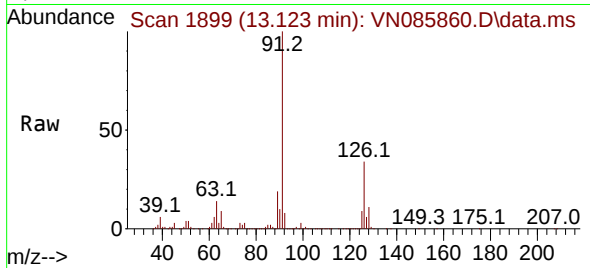
#79
2-Chlorotoluene
Concen: 49.486 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 62207
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.1

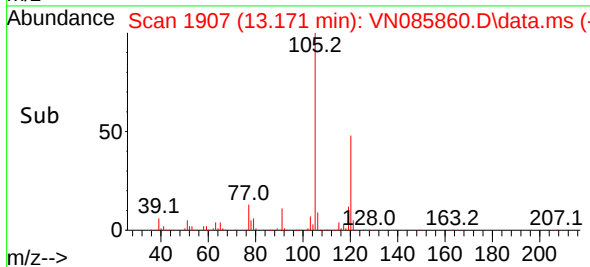
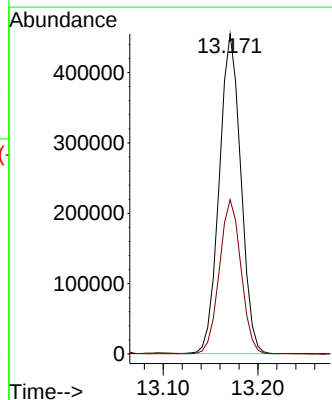
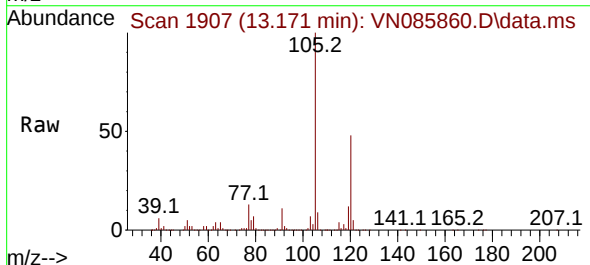
Manual Integrations
APPROVED

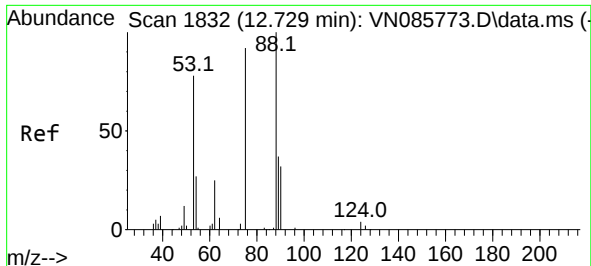
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.828 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

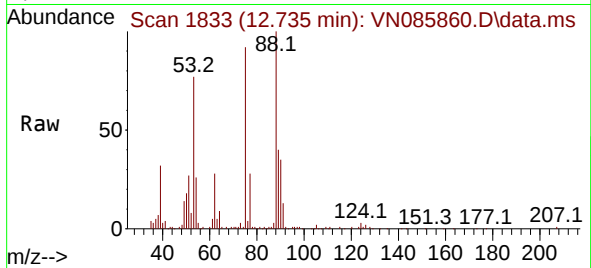
Tgt Ion:105 Resp: 720357
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 53.294 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

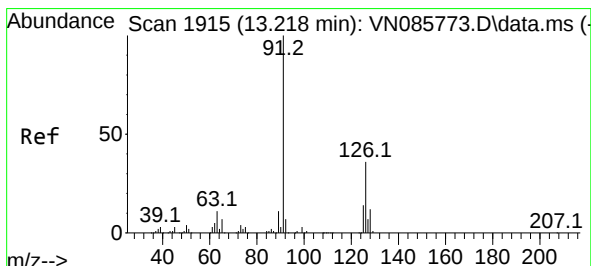
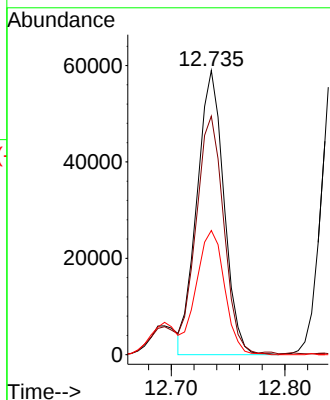
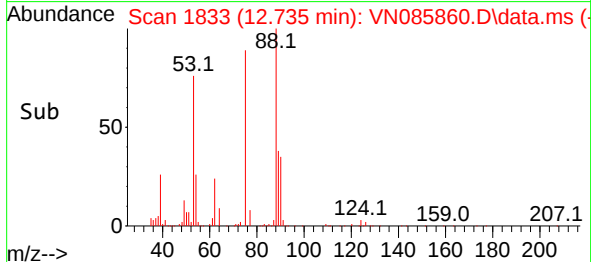
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 9729
Ion Ratio Lower Upper
75 100
53 85.4 74.2 111.4
89 46.0 34.9 52.3

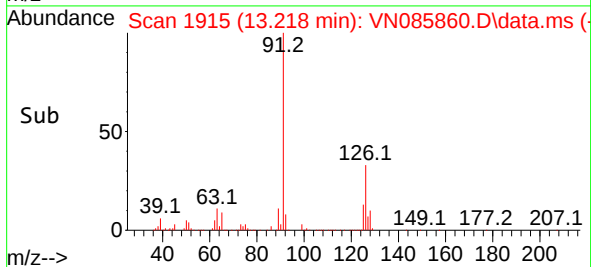
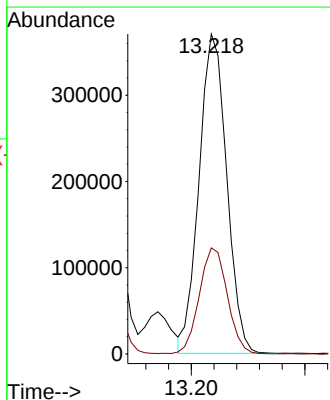
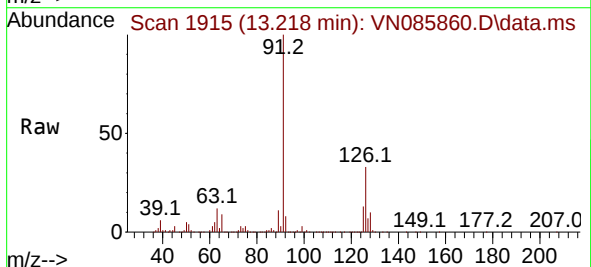
Manual Integrations
APPROVED

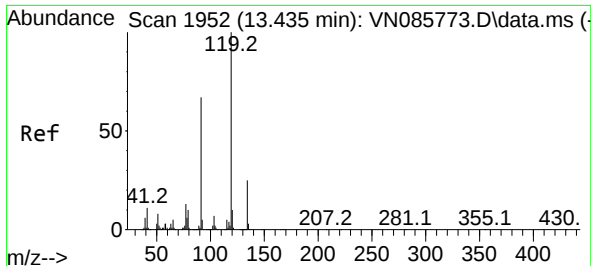
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#82
4-Chlorotoluene
Concen: 50.152 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

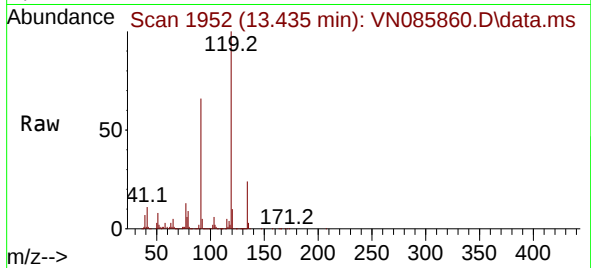
Tgt Ion: 91 Resp: 625002
Ion Ratio Lower Upper
91 100
126 33.7 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 54.772 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085860.D
 Acq: 25 Feb 2025 16:42

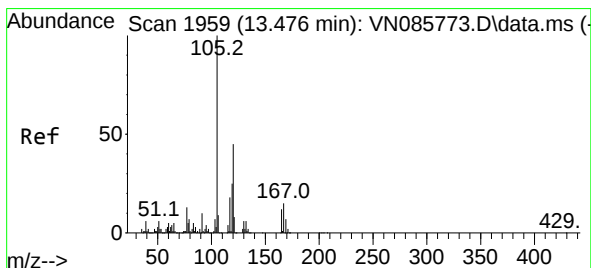
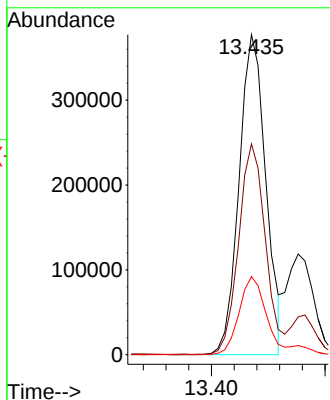
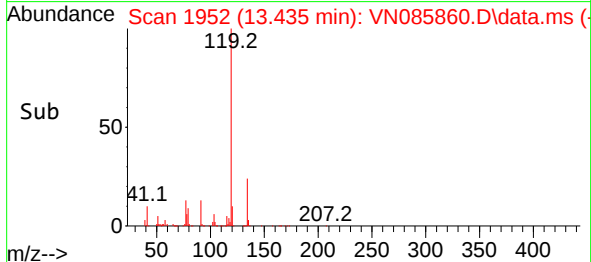
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



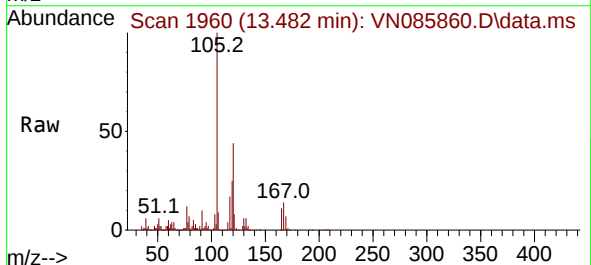
Tgt Ion:119 Resp: 616380
 Ion Ratio Lower Upper
 119 100
 91 66.0 32.5 97.5
 134 26.6 13.3 39.9

Manual Integrations
 APPROVED

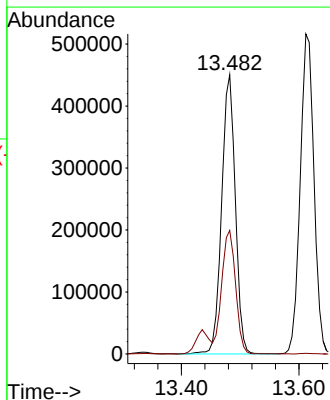
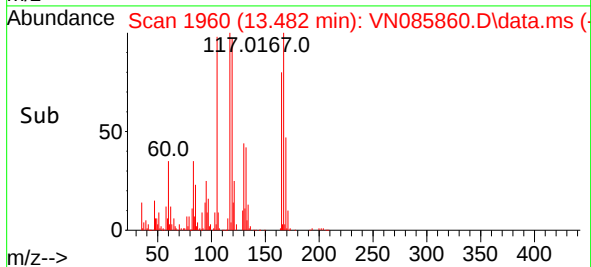
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025

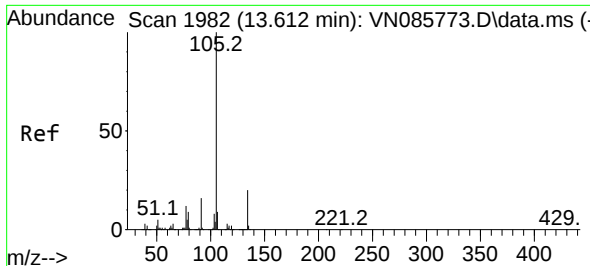


#84
 1,2,4-Trimethylbenzene
 Concen: 54.859 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085860.D
 Acq: 25 Feb 2025 16:42



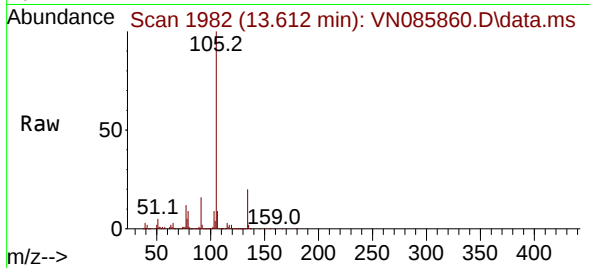
Tgt Ion:105 Resp: 726351
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 52.624 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085860.D
 Acq: 25 Feb 2025 16:42

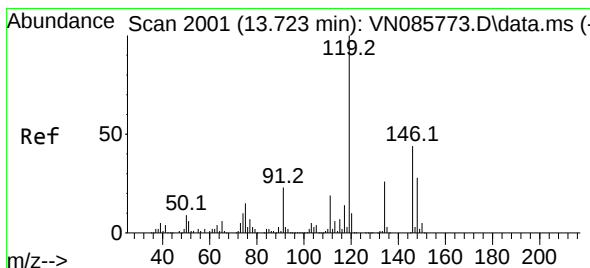
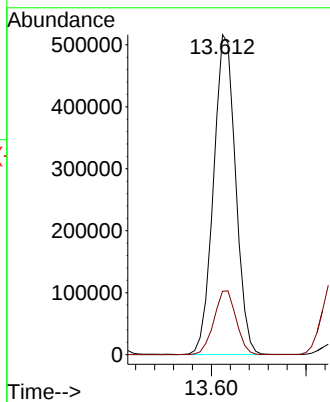
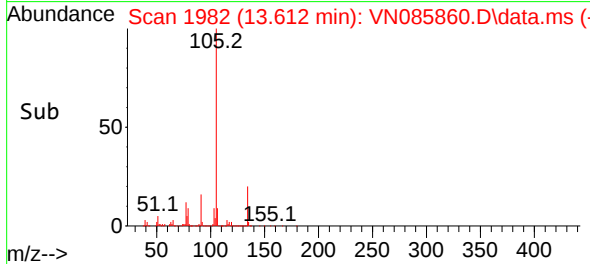
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



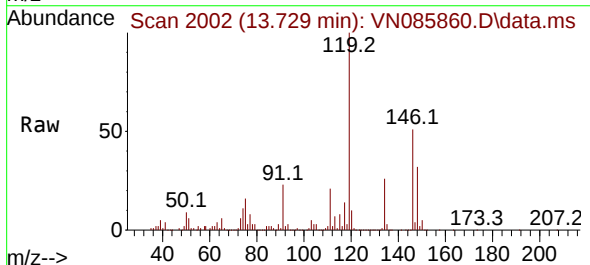
Tgt Ion:105 Resp: 83674
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4

Manual Integrations
 APPROVED

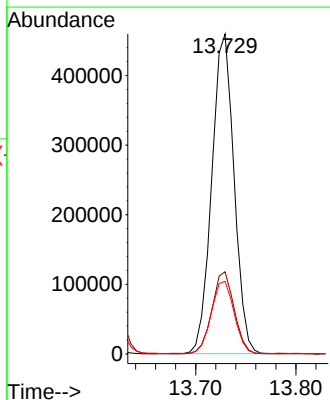
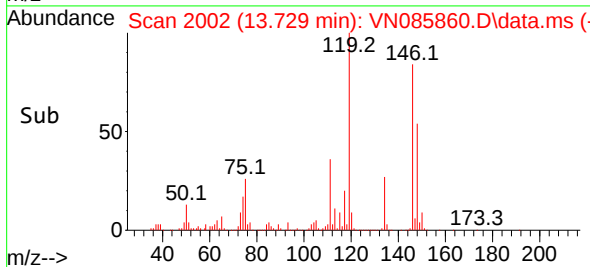
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025

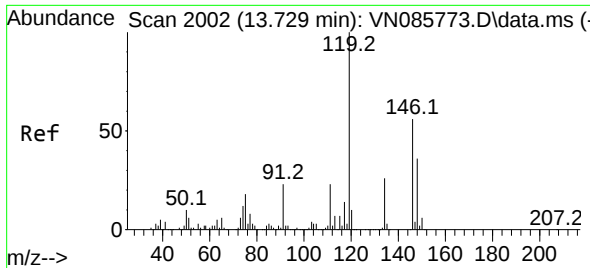


#86
 p-Isopropyltoluene
 Concen: 48.758 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085860.D
 Acq: 25 Feb 2025 16:42



Tgt Ion:119 Resp: 708723
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 23.3 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 47.515 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085860.D

Acq: 25 Feb 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 395110

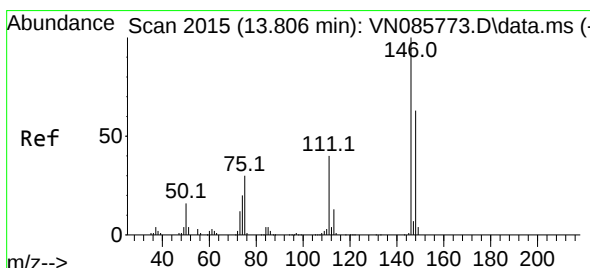
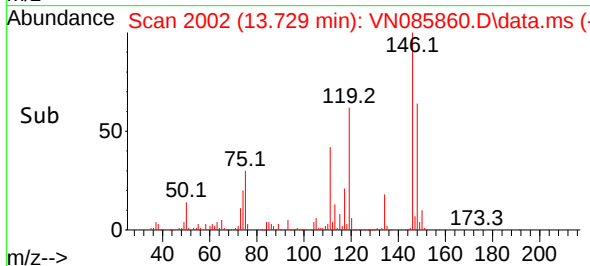
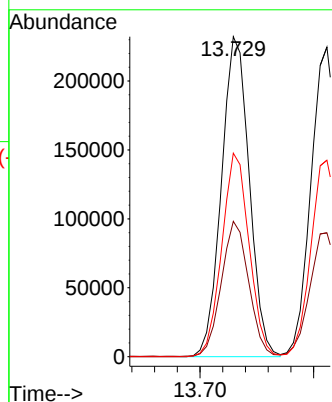
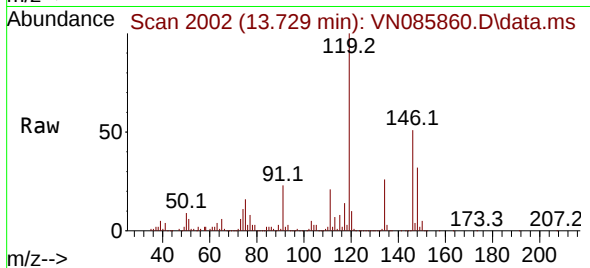
Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.1	63.3
148	62.5	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#88

1,4-Dichlorobenzene

Concen: 45.568 ug/l

RT: 13.812 min Scan# 2016

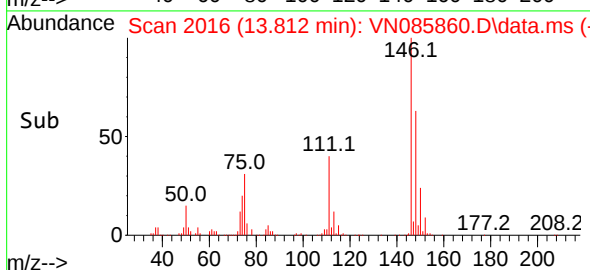
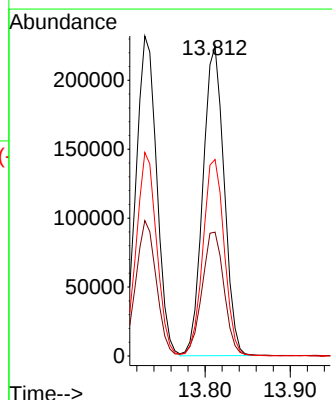
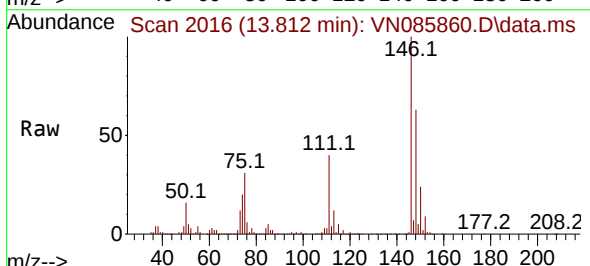
Delta R.T. 0.006 min

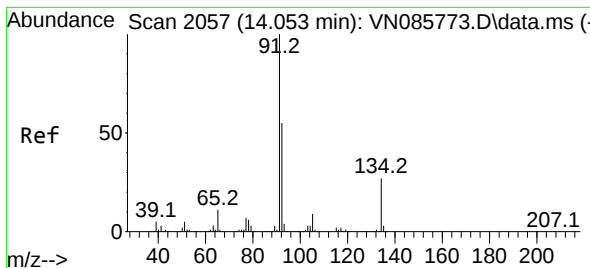
Lab File: VN085860.D

Acq: 25 Feb 2025 16:42

Tgt Ion:146 Resp: 388377

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.4	61.3
148	64.0	31.8	95.4





#89

n-Butylbenzene

Concen: 51.194 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085860.D

Acq: 25 Feb 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

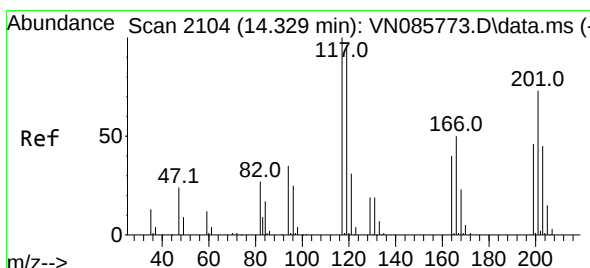
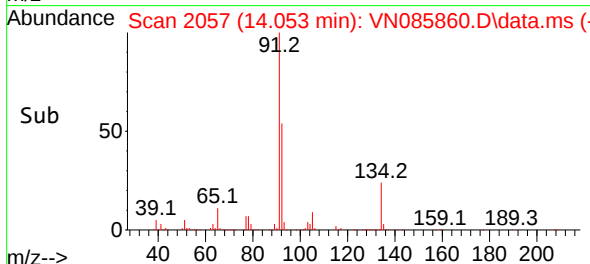
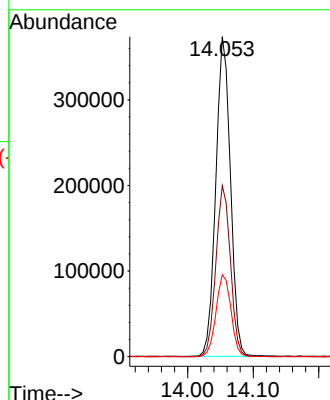
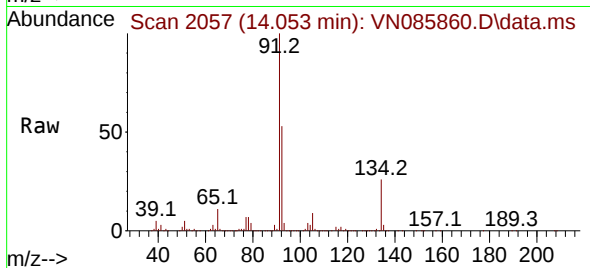
Tgt Ion:	91	Resp:	57793
Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.1	81.3
134	26.2	12.7	38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#90

Hexachloroethane

Concen: 44.889 ug/l

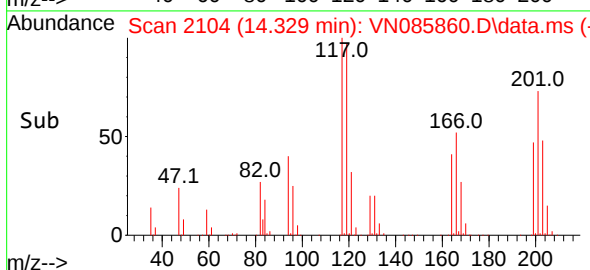
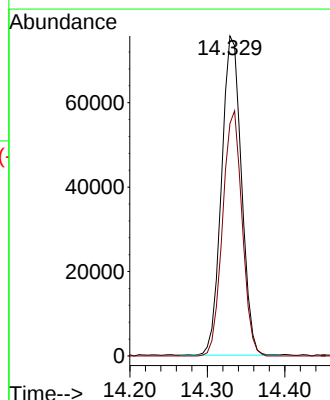
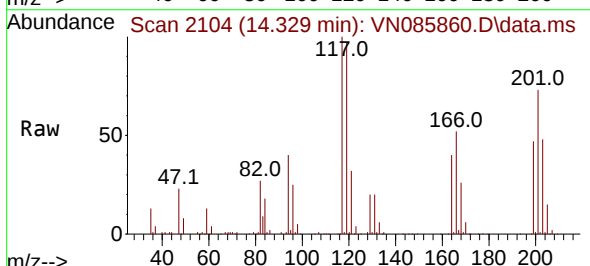
RT: 14.329 min Scan# 2104

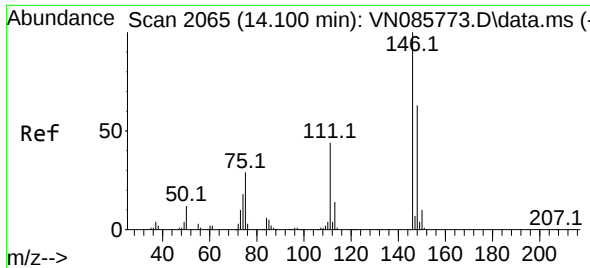
Delta R.T. 0.000 min

Lab File: VN085860.D

Acq: 25 Feb 2025 16:42

Tgt Ion:	117	Resp:	135173
Ion	Ratio	Lower	Upper
117	100		
201	75.0	35.6	106.9





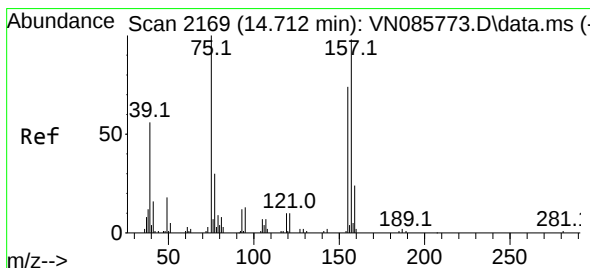
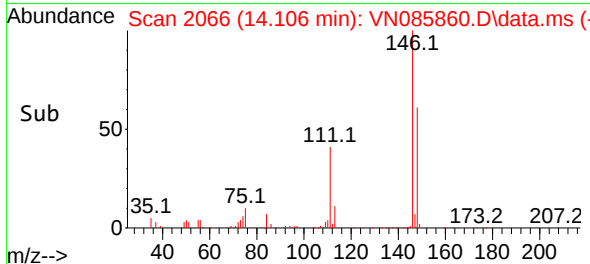
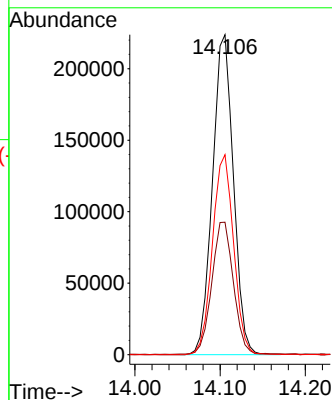
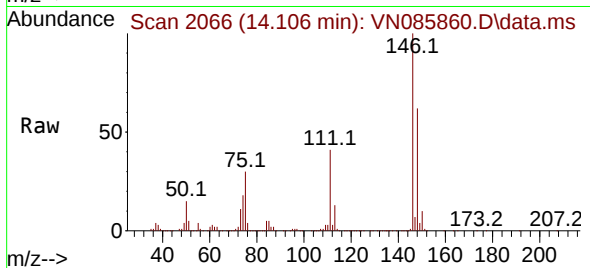
#91
1,2-Dichlorobenzene
Concen: 47.875 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 382829
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 63.2 32.0 96.2

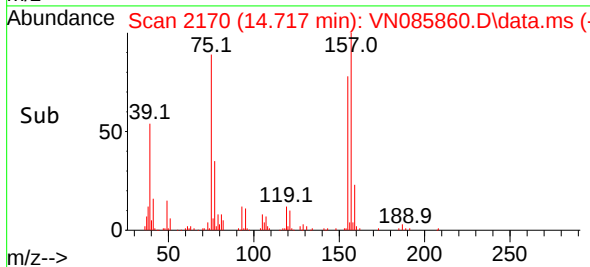
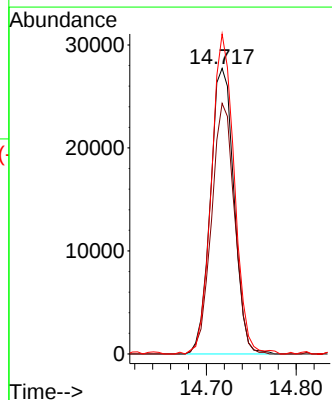
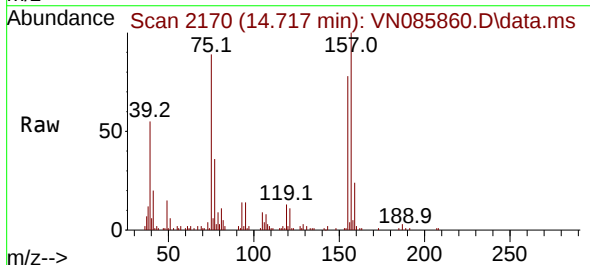
Manual Integrations
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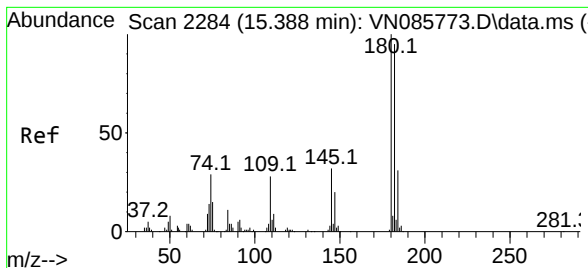
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.652 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

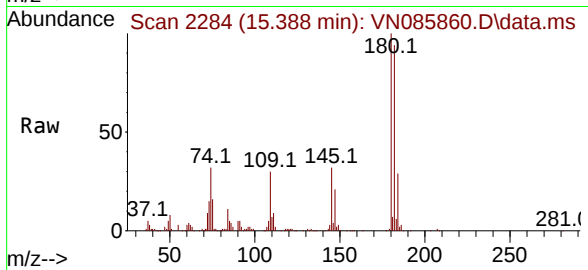
Tgt Ion: 75 Resp: 50506
Ion Ratio Lower Upper
75 100
155 85.8 39.9 119.6
157 108.6 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 51.177 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

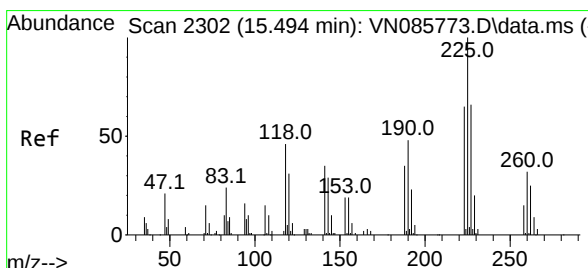
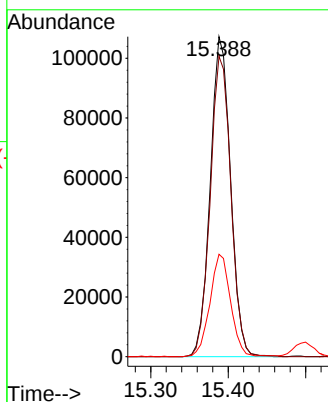
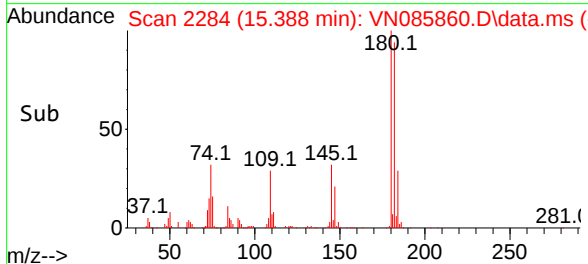
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



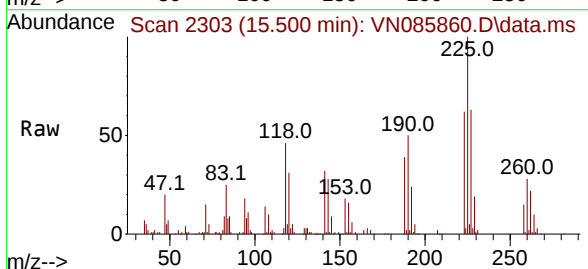
Tgt Ion:180 Resp: 195004
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 32.7 16.2 48.5

Manual Integrations
APPROVED

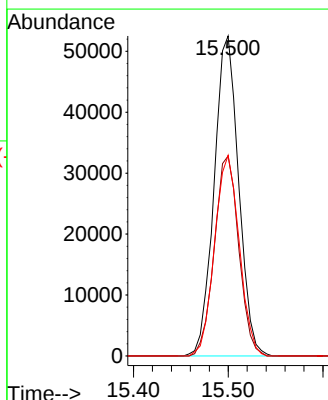
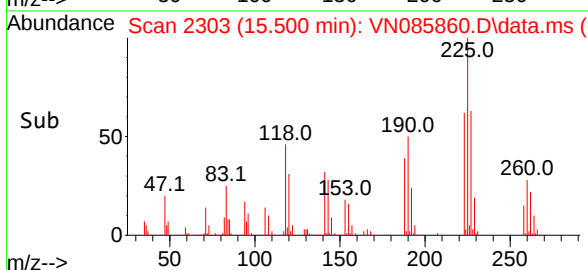
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

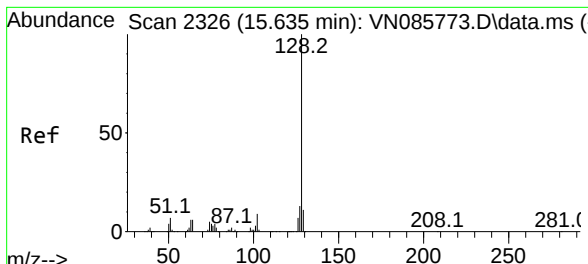


#94
Hexachlorobutadiene
Concen: 40.784 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



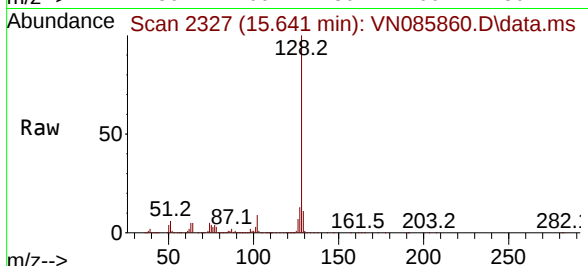
Tgt Ion:225 Resp: 94445
Ion Ratio Lower Upper
225 100
223 62.1 31.9 95.5
227 63.0 32.2 96.6





#95
Naphthalene
Concen: 58.611 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42

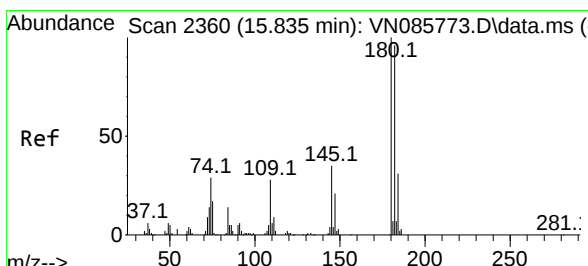
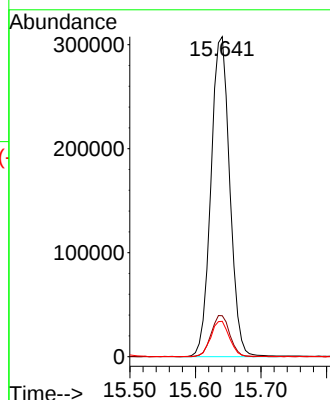
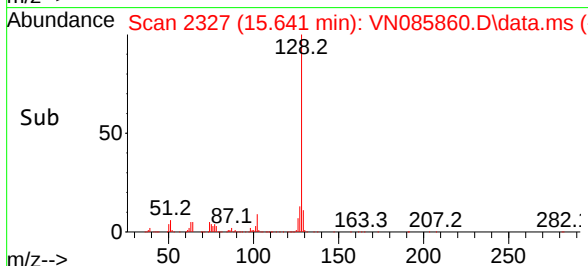
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



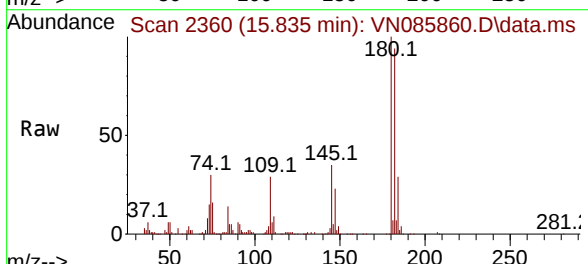
Tgt Ion:128 Resp: 613128
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.901 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085860.D
Acq: 25 Feb 2025 16:42



Tgt Ion:180 Resp: 187063
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.8
145 34.6 16.9 50.6

