

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085862.D
 Acq On : 26 Feb 2025 10:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 27 02:26:26 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

Manual Integrations APPROVED

Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	312343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	503422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	446587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	218212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	199937	49.374	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.740%		
35) Dibromofluoromethane	8.165	113	171952	52.199	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.400%		
50) Toluene-d8	10.565	98	634293	52.923	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.840%		
62) 4-Bromofluorobenzene	12.847	95	221599	56.118	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	112.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	188214	44.301	ug/l	99
3) Chloromethane	2.360	50	174358	40.899	ug/l	98
4) Vinyl Chloride	2.512	62	196411	43.513	ug/l	99
5) Bromomethane	2.942	94	120879	41.881	ug/l	97
6) Chloroethane	3.112	64	126185	42.204	ug/l	96
7) Trichlorofluoromethane	3.495	101	298775	45.717	ug/l	100
8) Diethyl Ether	3.954	74	100035	47.308	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	176331	46.677	ug/l	98
10) Methyl Iodide	4.583	142	225173	48.356	ug/l	98
11) Tert butyl alcohol	5.518	59	140551	282.203	ug/l	100
12) 1,1-Dichloroethene	4.336	96	160535	46.868	ug/l	97
13) Acrolein	4.171	56	196306	265.790	ug/l	100
14) Allyl chloride	5.024	41	198507	44.141	ug/l	98
15) Acrylonitrile	5.712	53	418685	258.588	ug/l	99
16) Acetone	4.424	43	328581	256.442	ug/l	98
17) Carbon Disulfide	4.712	76	402059	39.606	ug/l	100
18) Methyl Acetate	5.024	43	225651	51.202	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	531646	52.233	ug/l	98
20) Methylene Chloride	5.271	84	185360	44.984	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	168803	45.768	ug/l	91
22) Diisopropyl ether	6.671	45	503092	49.509	ug/l	98
23) Vinyl Acetate	6.600	43	1749675	251.472	ug/l	98
24) 1,1-Dichloroethane	6.565	63	319388	46.236	ug/l	99
25) 2-Butanone	7.483	43	513951	272.647	ug/l	99
26) 2,2-Dichloropropane	7.483	77	289279	47.094	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	201613	47.145	ug/l	100
28) Bromochloromethane	7.812	49	128132	45.130	ug/l	97
29) Tetrahydrofuran	7.836	42	338346	277.958	ug/l	97
30) Chloroform	7.965	83	338948	46.953	ug/l	99
31) Cyclohexane	8.253	56	240788	41.631	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	302193	47.064	ug/l	98
36) 1,1-Dichloropropene	8.371	75	227474	48.792	ug/l	99
37) Ethyl Acetate	7.553	43	208875	54.442	ug/l	98
38) Carbon Tetrachloride	8.359	117	268978	48.556	ug/l	93
39) Methylcyclohexane	9.600	83	221479	48.357	ug/l	98
40) Benzene	8.600	78	716647	47.961	ug/l	99

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 Quant Title : SW846 8260
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Manual Integrations APPROVED

Reviewed By : John Carlone 02/27/2025
 Supervised By : Mahesh Dadoda 02/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	112517	54.860	ug/l	96
42) 1,2-Dichloroethane	8.665	62	237756	48.849	ug/l	98
43) Isopropyl Acetate	8.683	43	341121	50.669	ug/l	98
44) Trichloroethene	9.347	130	172862	47.117	ug/l	96
45) 1,2-Dichloropropane	9.618	63	175801	48.741	ug/l	97
46) Dibromomethane	9.706	93	126223	49.614	ug/l	97
47) Bromodichloromethane	9.883	83	267549	49.154	ug/l	100
48) Methyl methacrylate	9.677	41	157337	55.219	ug/l	95
49) 1,4-Dioxane	9.694	88	73078	1348.716	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	1089144	294.439	ug/l	100
52) Toluene	10.630	92	455712	52.028	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	263991	52.451	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	287047	52.010	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	178096	51.140	ug/l	99
56) Ethyl methacrylate	10.871	69	272613	53.925	ug/l	98
57) 1,3-Dichloropropane	11.159	76	300052	51.613	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	612478	295.691	ug/l	97
59) 2-Hexanone	11.194	43	783015	307.699	ug/l	98
60) Dibromochloromethane	11.359	129	218377	53.851	ug/l	100
61) 1,2-Dibromoethane	11.465	107	174844	53.137	ug/l	100
64) Tetrachloroethene	11.100	164	162731	47.036	ug/l	97
65) Chlorobenzene	11.888	112	495840	48.466	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	185207	50.366	ug/l	99
67) Ethyl Benzene	11.959	91	843152	52.612	ug/l	100
68) m/p-Xylenes	12.071	106	670511	110.148	ug/l	99
69) o-Xylene	12.394	106	318031	54.979	ug/l	99
70) Styrene	12.406	104	549551	50.949	ug/l	100
71) Bromoform	12.576	173	149603	54.751	ug/l #	98
73) Isopropylbenzene	12.694	105	786716	52.624	ug/l	99
74) N-amyl acetate	12.488	43	289414	54.898	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	254660	49.503	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	205022m	42.297	ug/l	
77) Bromobenzene	12.976	156	206974	51.245	ug/l	99
78) n-propylbenzene	13.035	91	916789	53.548	ug/l	99
79) 2-Chlorotoluene	13.124	91	578612	50.582	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	667463	54.809	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	92557	55.714	ug/l	93
82) 4-Chlorotoluene	13.218	91	579227	51.077	ug/l	98
83) tert-Butylbenzene	13.435	119	550124	53.720	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	675986	56.106	ug/l	100
85) sec-Butylbenzene	13.612	105	762762	52.717	ug/l	99
86) p-Isopropyltoluene	13.723	119	644100	48.701	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	368073	48.641	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	364956	47.056	ug/l	100
89) n-Butylbenzene	14.053	91	509133	49.562	ug/l	98
90) Hexachloroethane	14.329	117	130894	47.768	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	357290	49.101	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	47781	50.581	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	167941	48.435	ug/l	99
94) Hexachlorobutadiene	15.500	225	87668	41.603	ug/l	99
95) Naphthalene	15.641	128	516827	54.292	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	164036	47.124	ug/l	99

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ClientSampleId :
VSTDCCC050

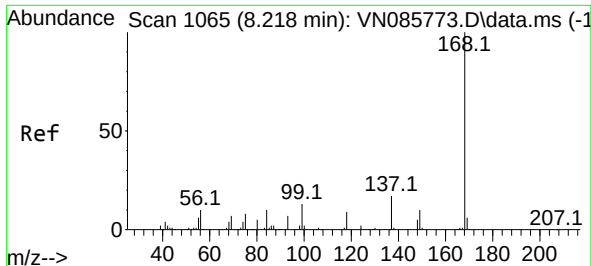
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/27/2025

Quant Time: Feb 27 02:26:26 2025
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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

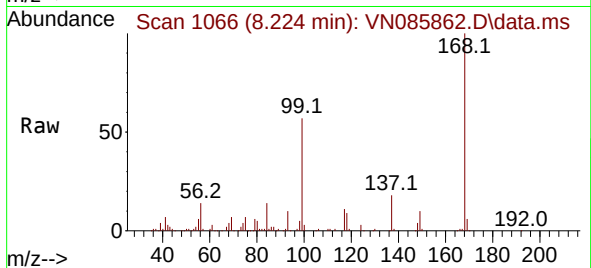
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085862.D
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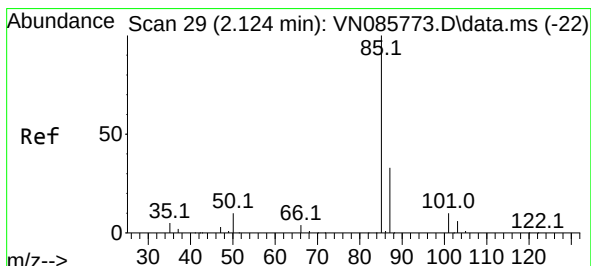
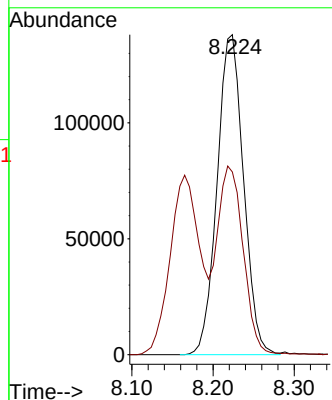
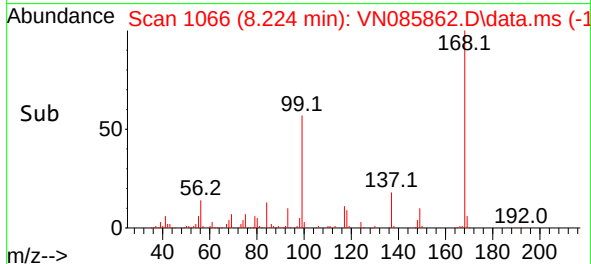
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 31234
Ion Ratio Lower Upper
168 100
99 56.8 47.9 71.9

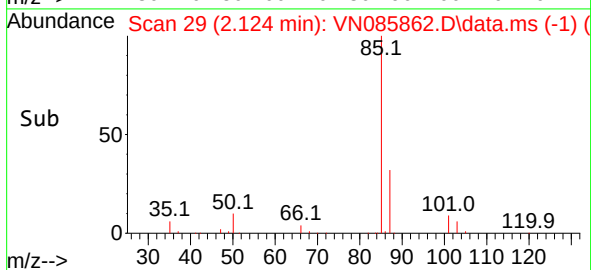
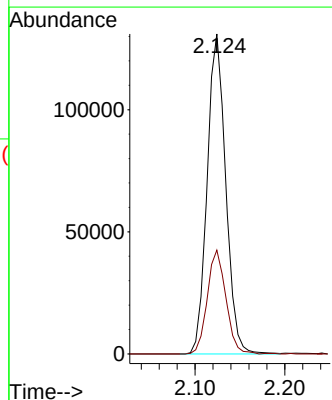
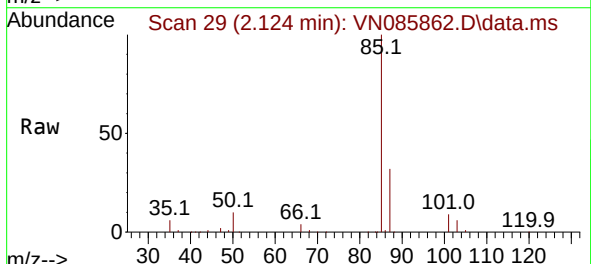
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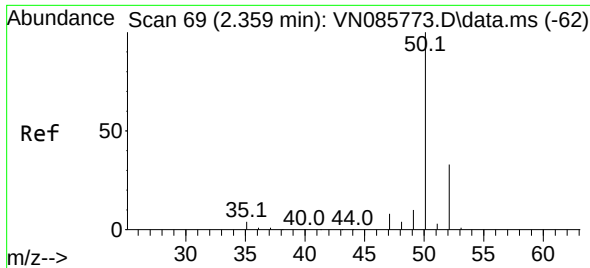
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#2
Dichlorodifluoromethane
Concen: 44.301 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

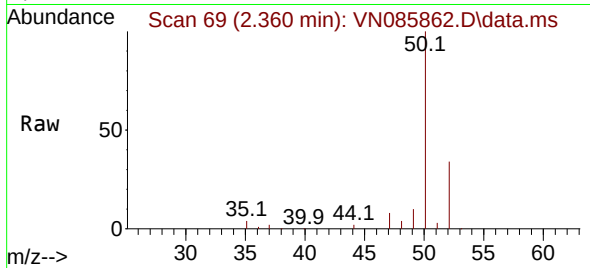
Tgt Ion: 85 Resp: 188214
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.2





#3
Chloromethane
Concen: 40.899 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

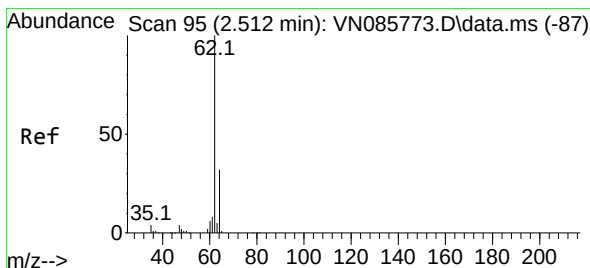
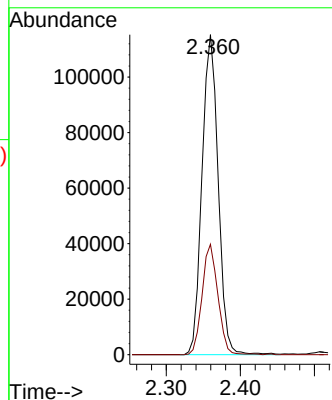
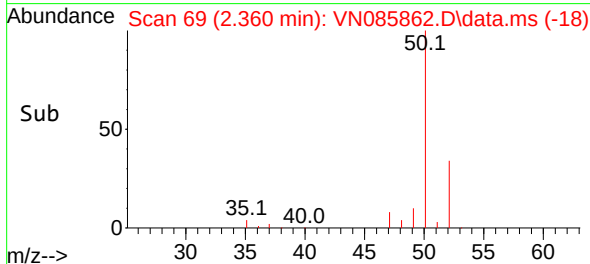
Instrument :
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Tgt Ion: 50 Resp: 17435
Ion Ratio Lower Upper
50 100
52 34.5 26.7 40.1

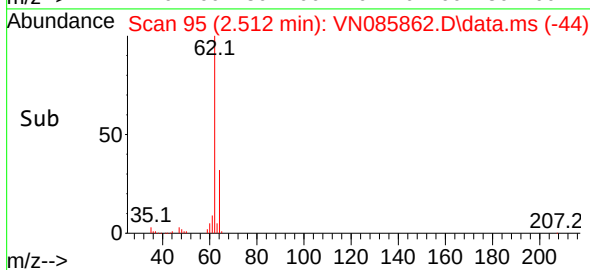
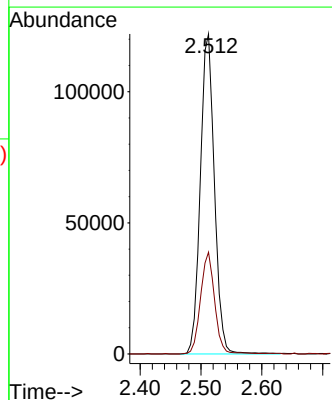
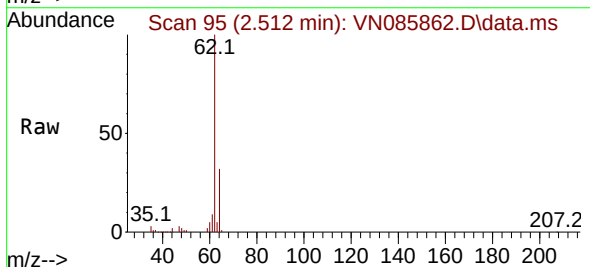
Manual Integrations
APPROVED

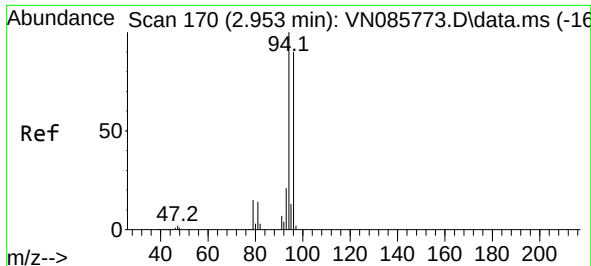
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#4
Vinyl Chloride
Concen: 43.513 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

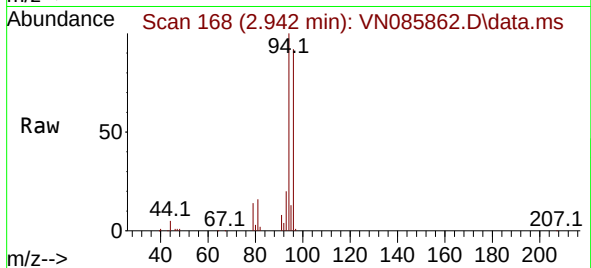
Tgt Ion: 62 Resp: 196411
Ion Ratio Lower Upper
62 100
64 31.8 25.9 38.9





#5
Bromomethane
Concen: 41.881 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

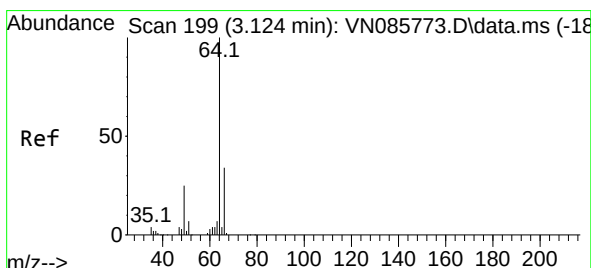
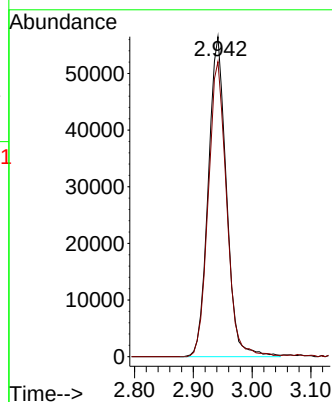
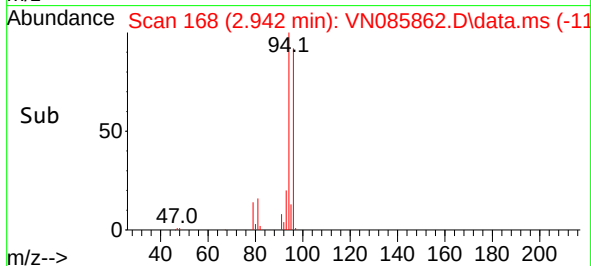
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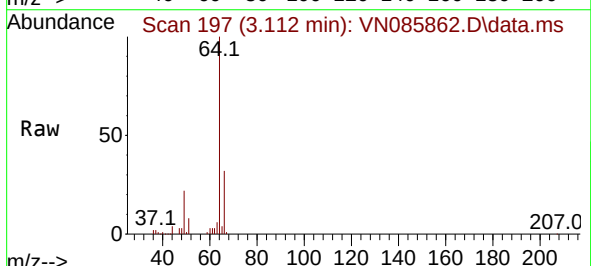
Tgt Ion: 94 Resp: 120879
Ion Ratio Lower Upper
94 100
96 92.2 71.7 107.5

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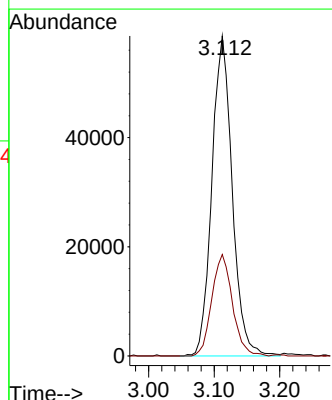
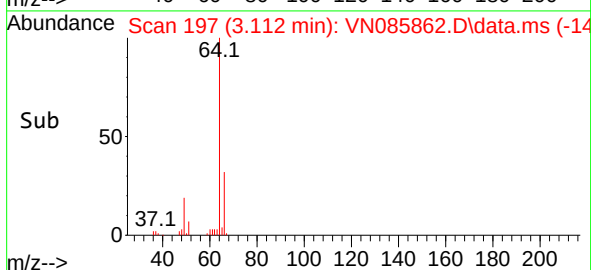
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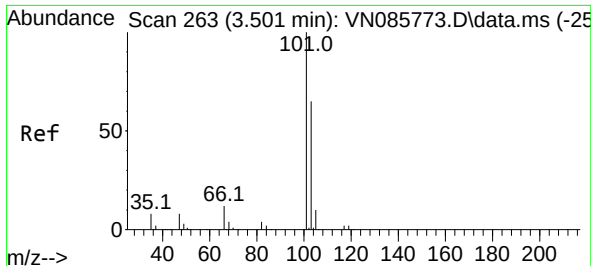


#6
Chloroethane
Concen: 42.204 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



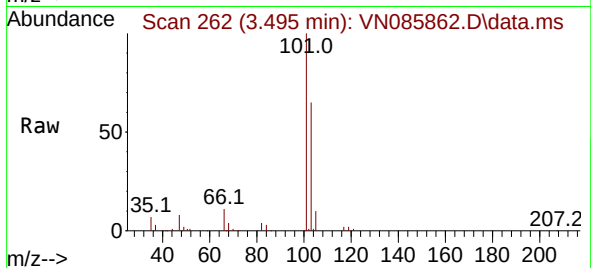
Tgt Ion: 64 Resp: 126185
Ion Ratio Lower Upper
64 100
66 31.7 27.0 40.6





#7
Trichlorofluoromethane
Concen: 45.717 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN085862.D
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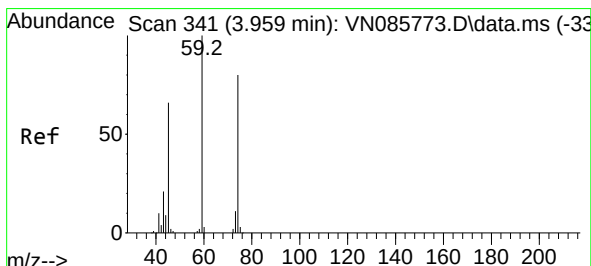
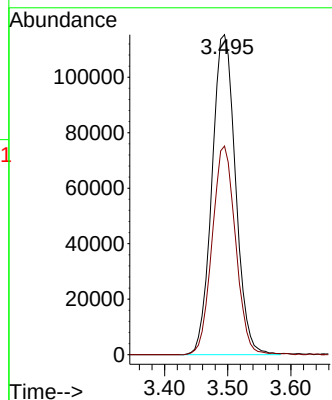
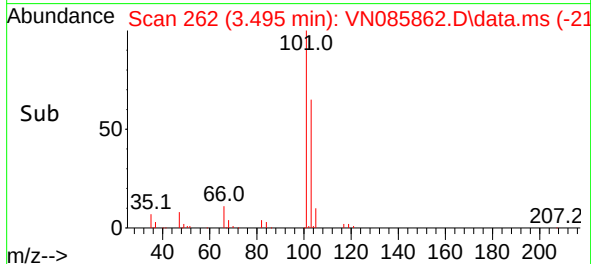
Instrument :
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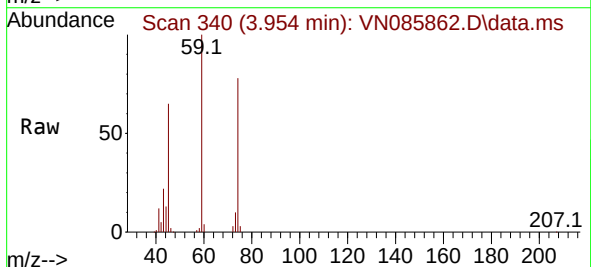
Tgt Ion:101 Resp: 298775
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.4

Manual Integrations
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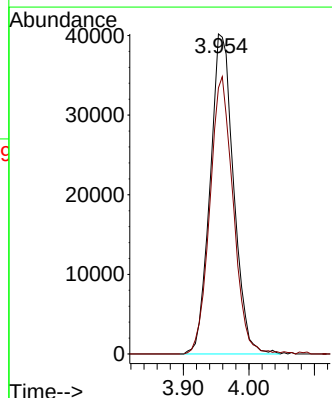
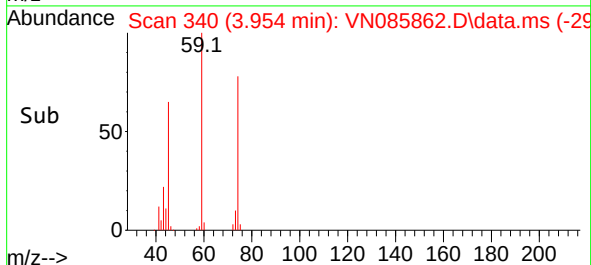
Reviewed By :John Carlone 02/27/2025
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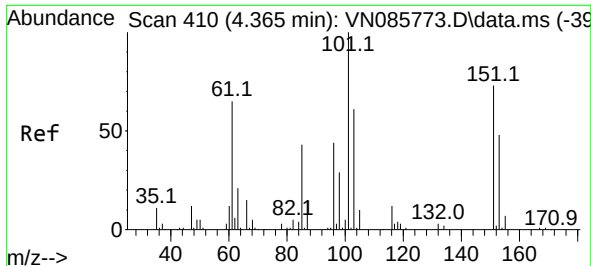


#8
Diethyl Ether
Concen: 47.308 ug/l
RT: 3.954 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN085862.D
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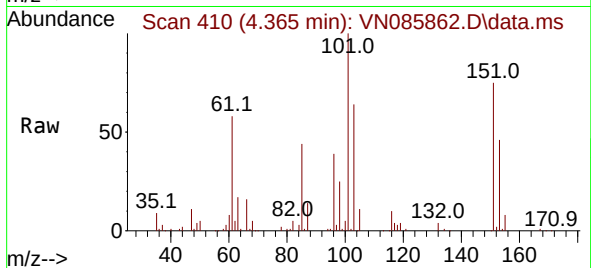
Tgt Ion: 74 Resp: 100035
Ion Ratio Lower Upper
74 100
45 86.1 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.677 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085862.D
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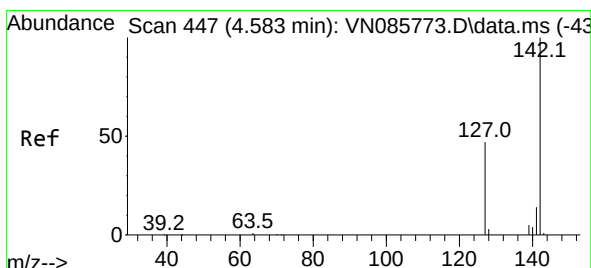
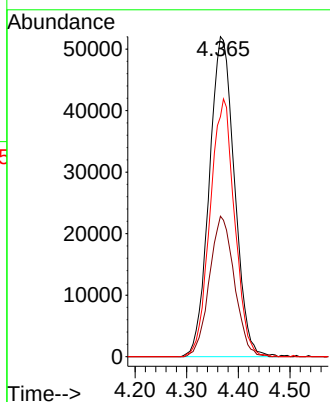
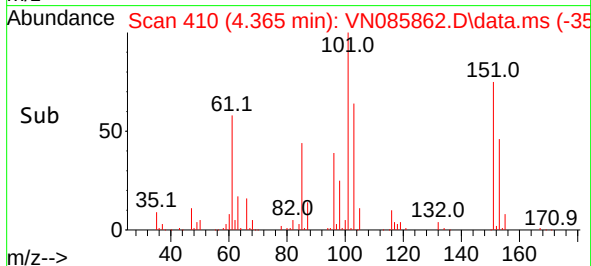
Instrument :
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ClientSampleId :
VSTDCCC050



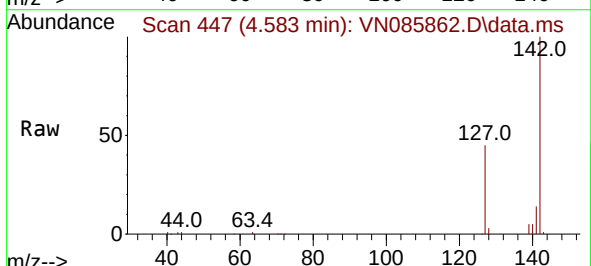
Tgt Ion:101 Resp: 17633
Ion Ratio Lower Upper
101 100
85 43.5 35.7 53.5
151 78.3 61.4 92.2

Manual Integrations
APPROVED

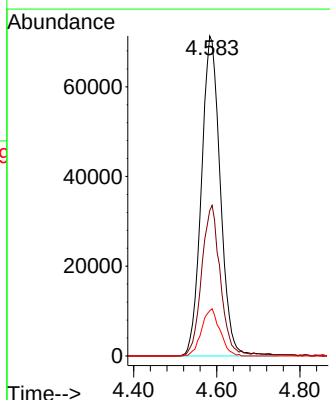
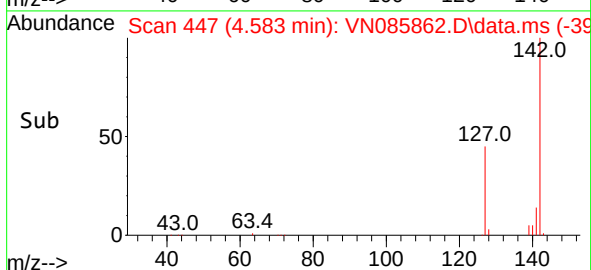
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

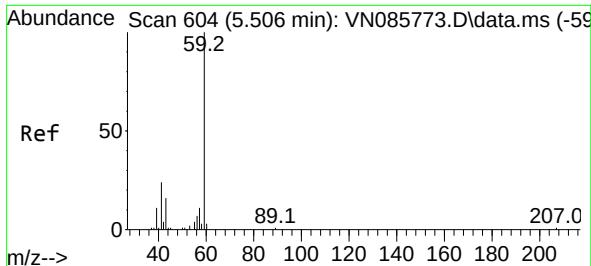


#10
Methyl Iodide
Concen: 48.356 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



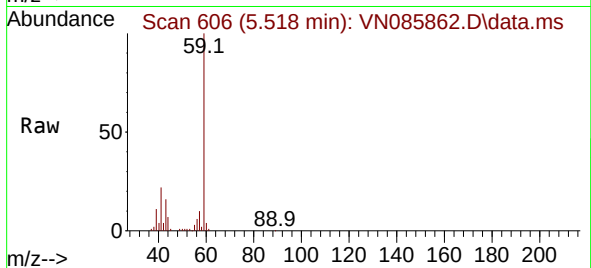
Tgt Ion:142 Resp: 225173
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 282.203 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

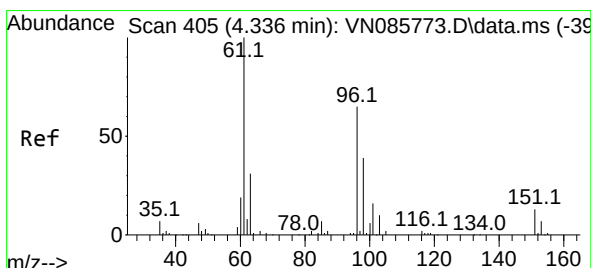
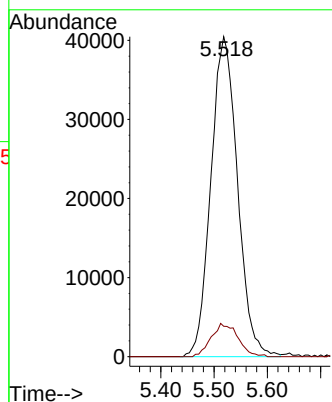
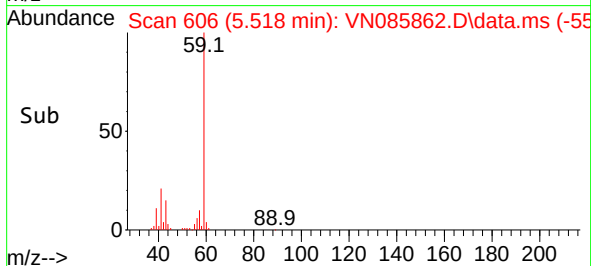
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



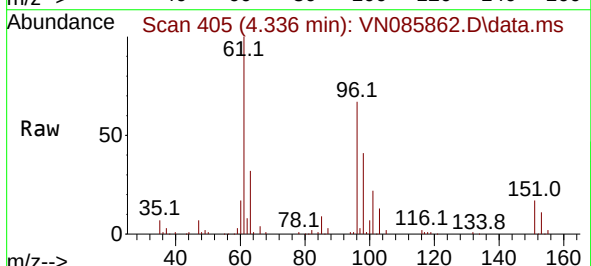
Tgt Ion: 59 Resp: 14055
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

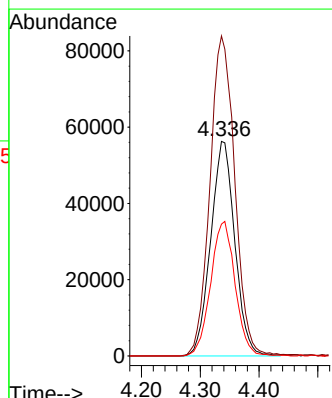
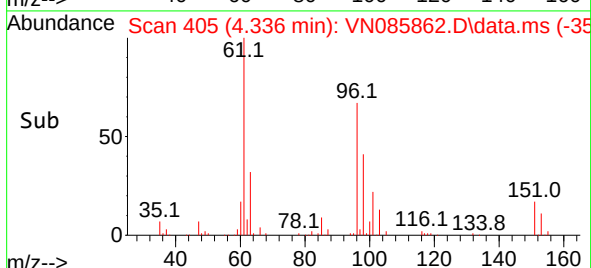
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

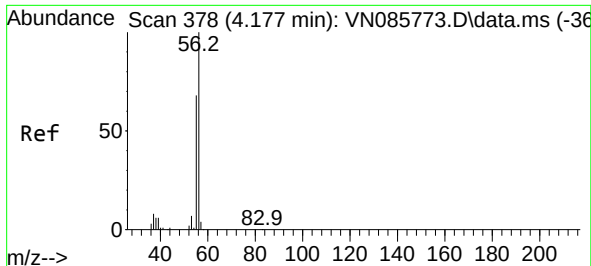


#12
1,1-Dichloroethene
Concen: 46.868 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



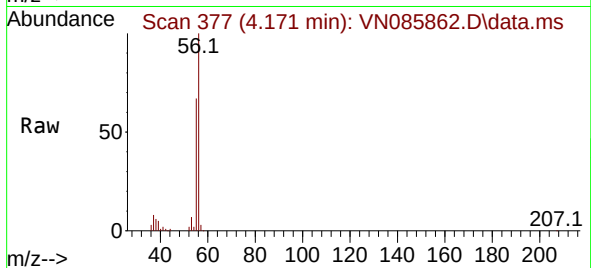
Tgt Ion: 96 Resp: 160535
Ion Ratio Lower Upper
96 100
61 149.1 123.3 184.9
98 61.4 48.6 72.8





#13
Acrolein
Concen: 265.790 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

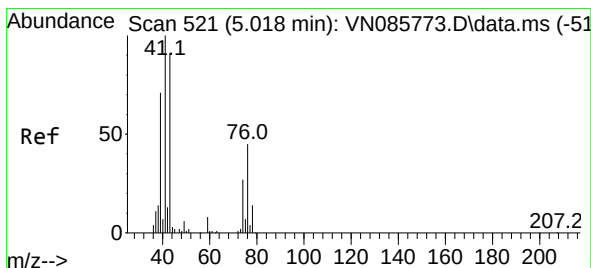
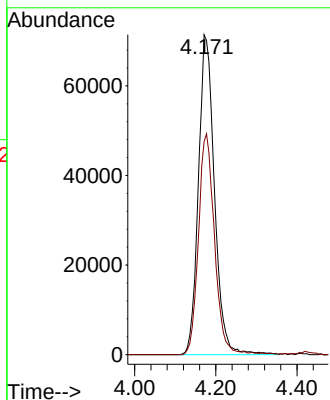
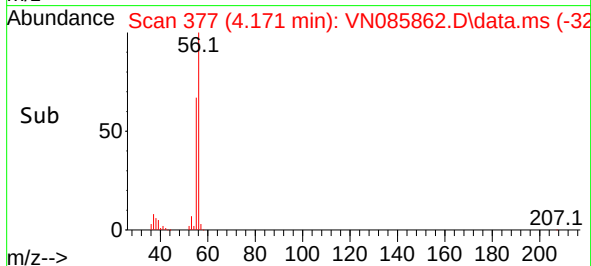
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



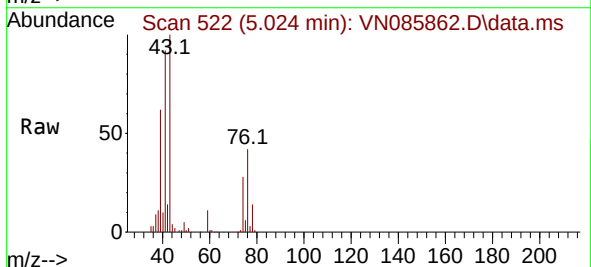
Tgt Ion: 56 Resp: 196300
Ion Ratio Lower Upper
56 100
55 68.8 55.3 82.9

Manual Integrations
APPROVED

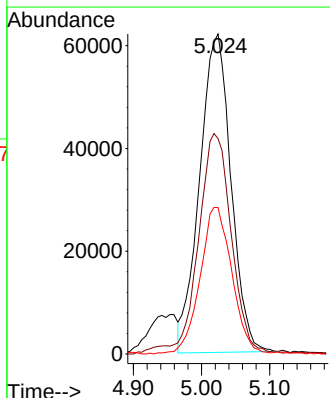
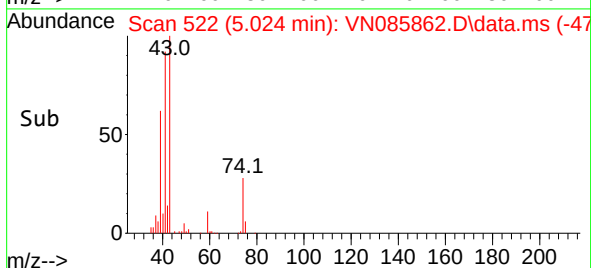
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

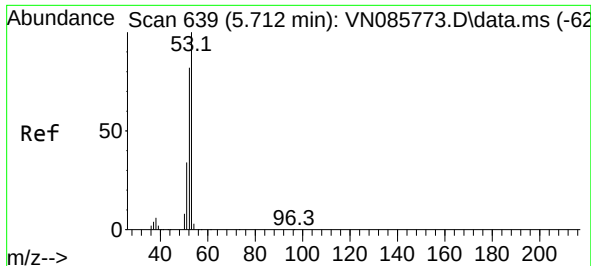


#14
Allyl chloride
Concen: 44.141 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



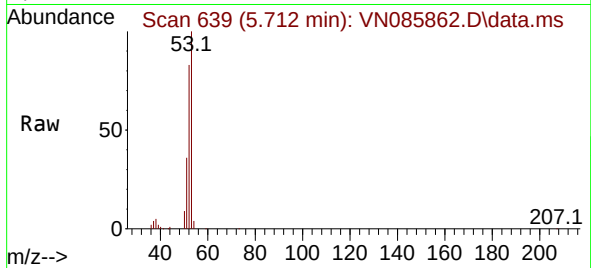
Tgt Ion: 41 Resp: 198507
Ion Ratio Lower Upper
41 100
39 73.5 57.4 86.2
76 46.7 36.2 54.2





#15
Acrylonitrile
Concen: 258.588 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

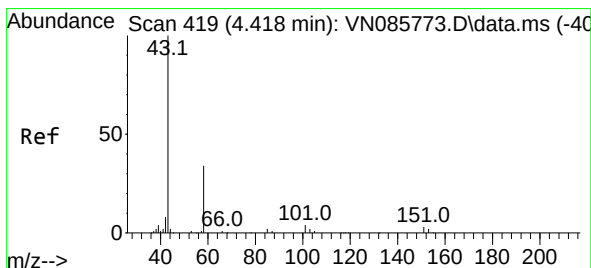
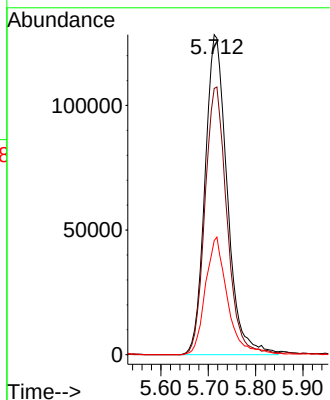
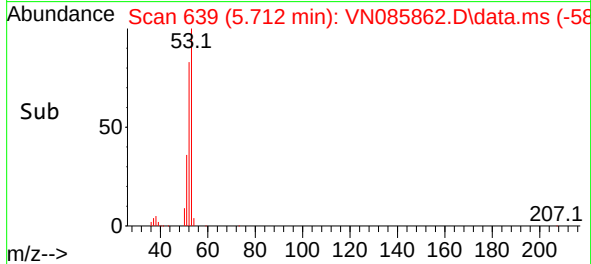
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



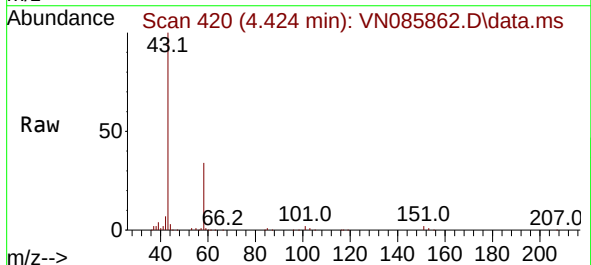
Tgt Ion: 53 Resp: 41868
Ion Ratio Lower Upper
53 100
52 83.2 65.8 98.6
51 36.7 28.6 42.8

Manual Integrations
APPROVED

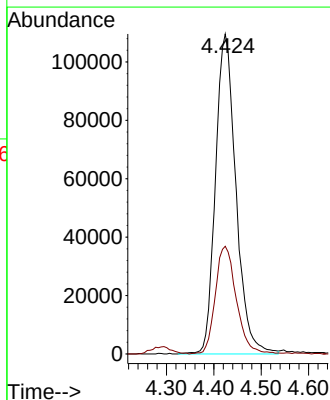
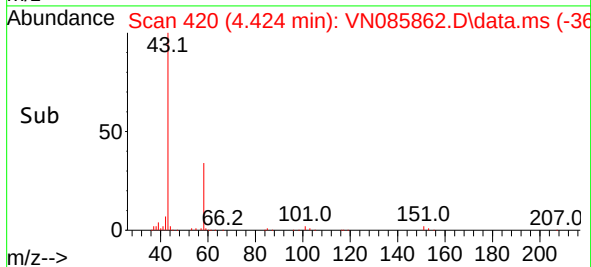
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

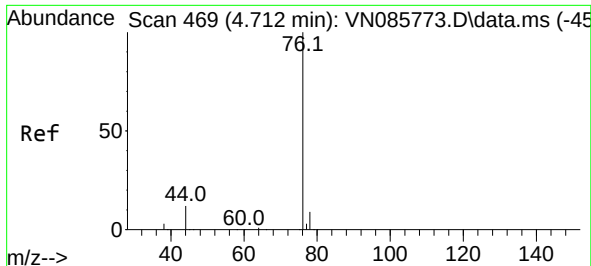


#16
Acetone
Concen: 256.442 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



Tgt Ion: 43 Resp: 328581
Ion Ratio Lower Upper
43 100
58 33.4 27.5 41.3





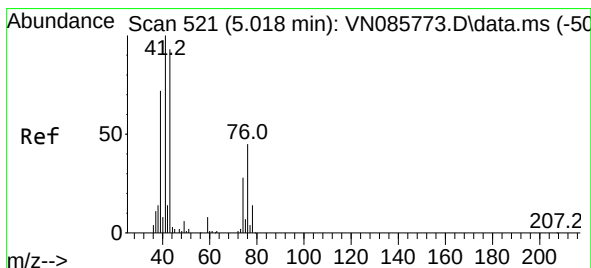
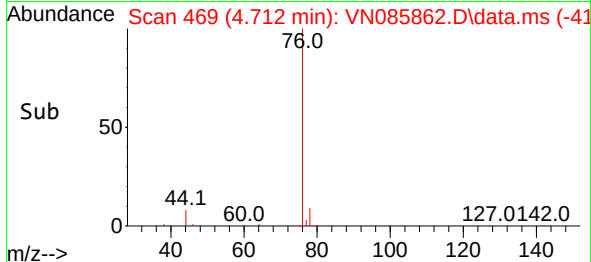
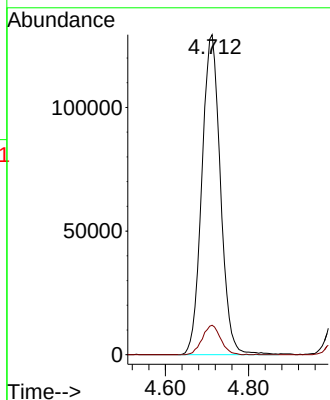
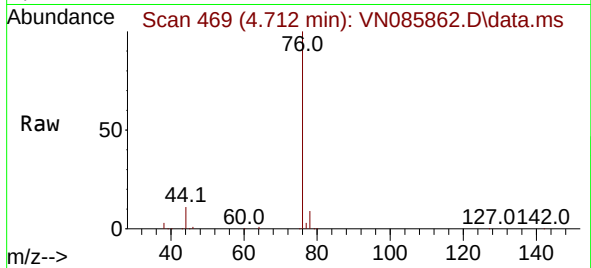
#17
Carbon Disulfide
Concen: 39.606 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 402059
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

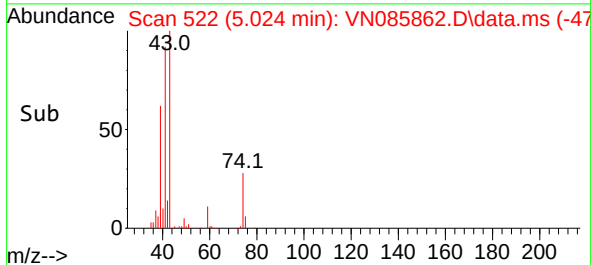
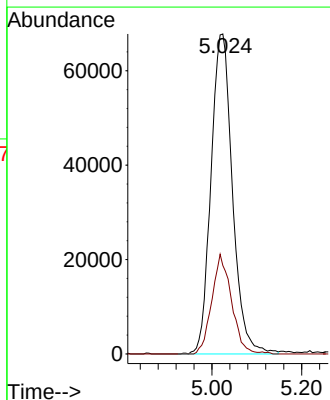
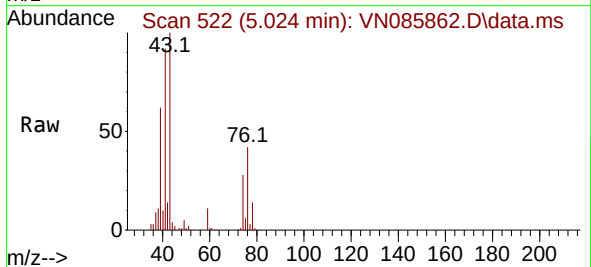
Manual Integrations
APPROVED

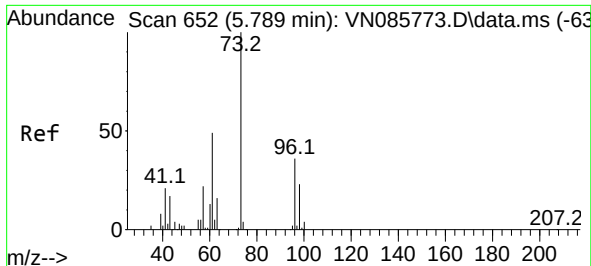
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#18
Methyl Acetate
Concen: 51.202 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

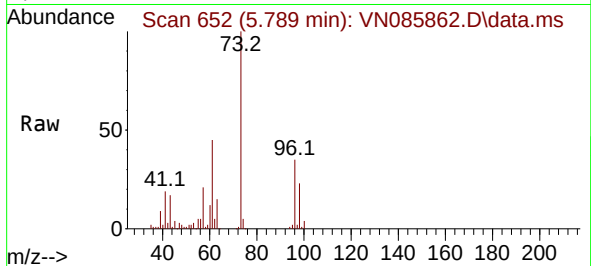
Tgt Ion: 43 Resp: 225651
Ion Ratio Lower Upper
43 100
74 28.5 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 52.233 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

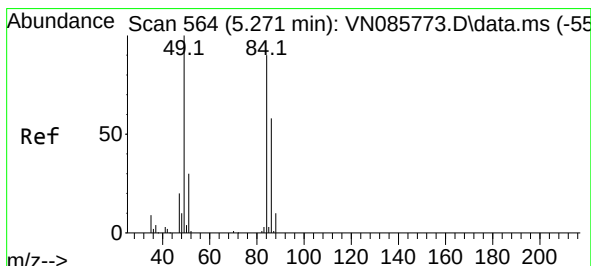
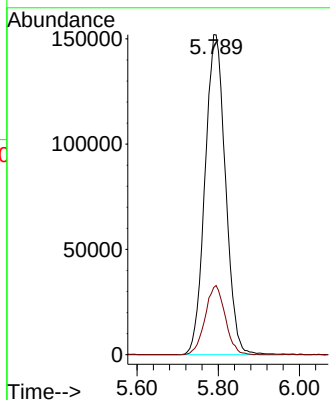
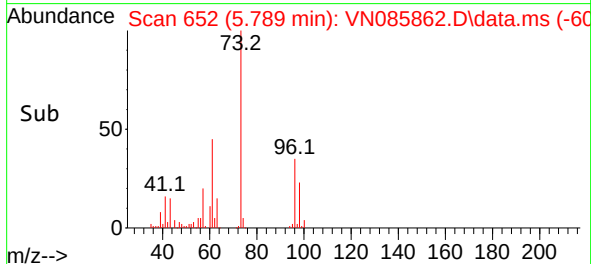
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 531640
Ion Ratio Lower Upper
73 100
57 21.0 17.6 26.4

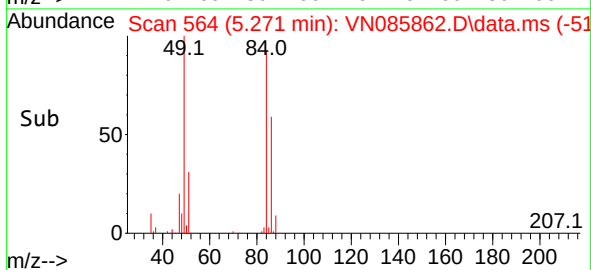
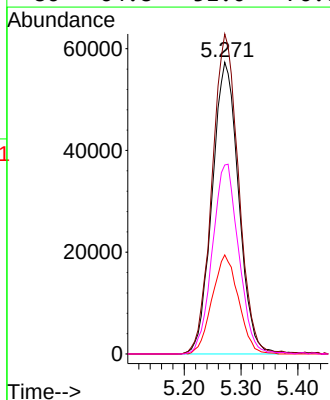
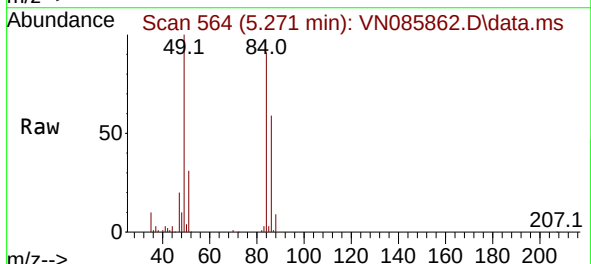
Manual Integrations
APPROVED

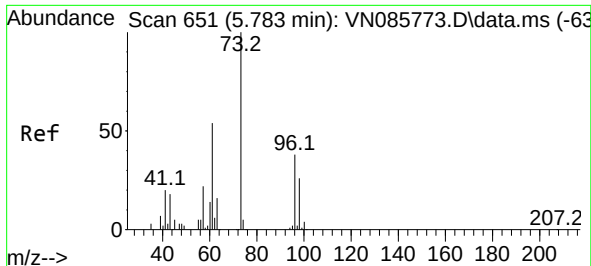
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#20
Methylene Chloride
Concen: 44.984 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

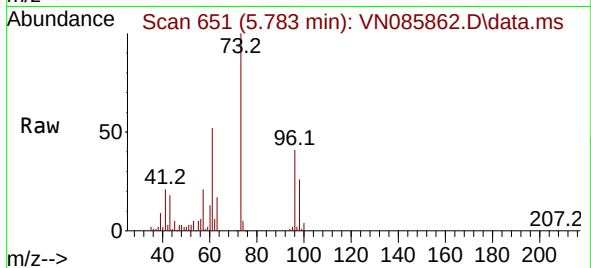
Tgt Ion: 84 Resp: 185360
Ion Ratio Lower Upper
84 100
49 109.7 88.4 132.6
51 33.9 26.6 40.0
86 64.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 45.768 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

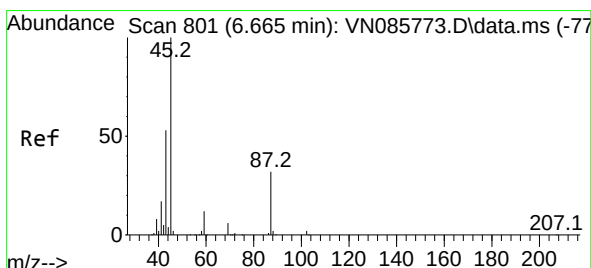
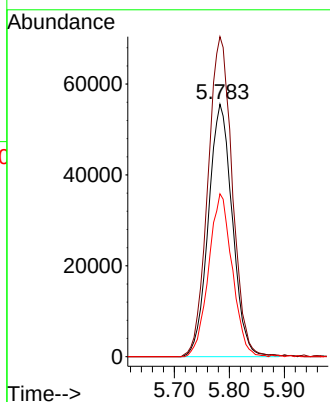
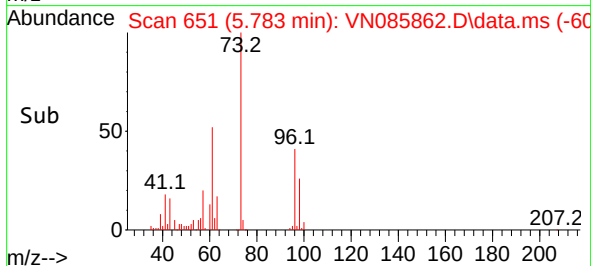
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



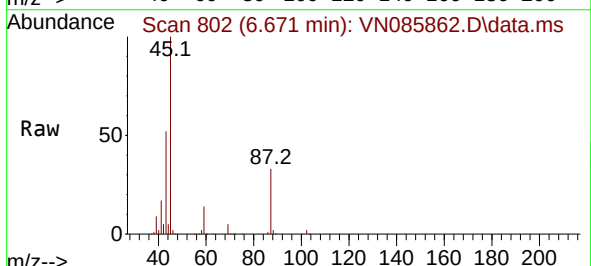
Tgt Ion: 96 Resp: 16880
Ion Ratio Lower Upper
96 100
61 126.7 112.6 168.8
98 64.5 53.3 79.9

Manual Integrations
APPROVED

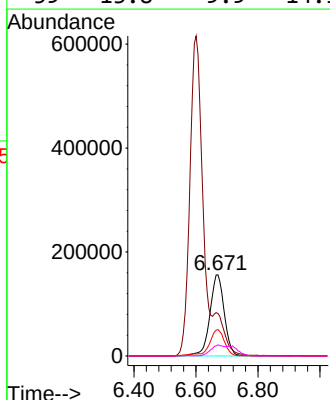
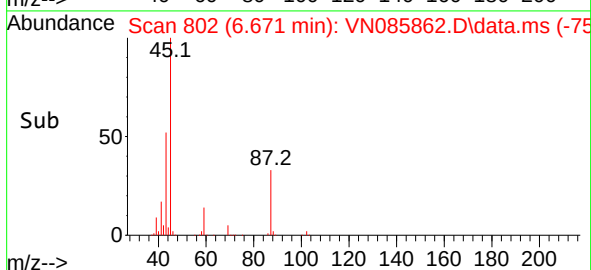
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

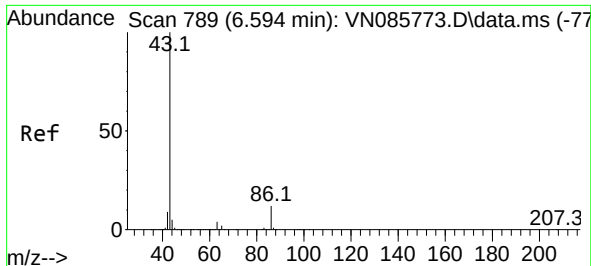


#22
Diisopropyl ether
Concen: 49.509 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



Tgt Ion: 45 Resp: 503092
Ion Ratio Lower Upper
45 100
43 51.6 42.6 64.0
87 32.7 25.8 38.8
59 13.8 9.9 14.9





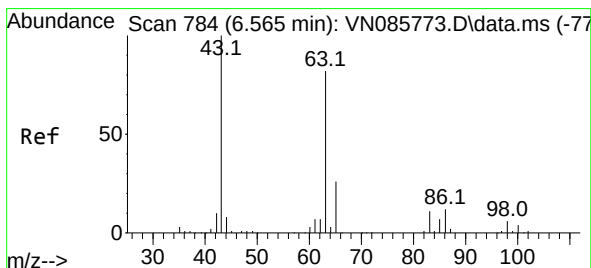
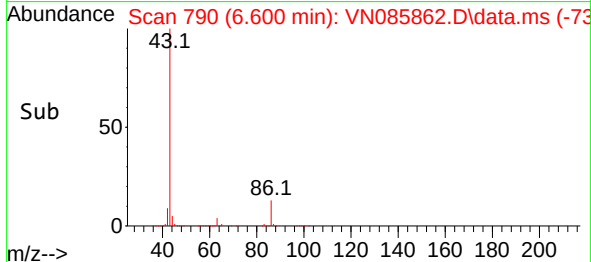
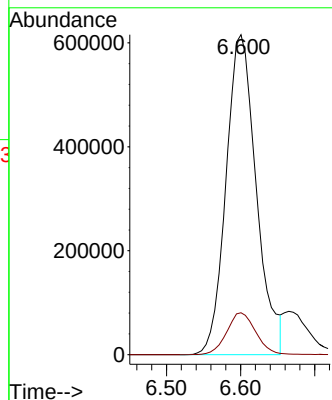
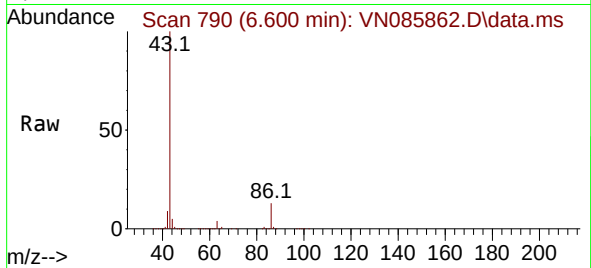
#23
 Vinyl Acetate
 Concen: 251.472 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085862.D
 Acq: 26 Feb 2025 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 174967
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.8 14.8

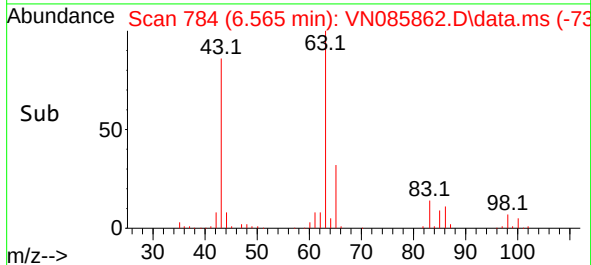
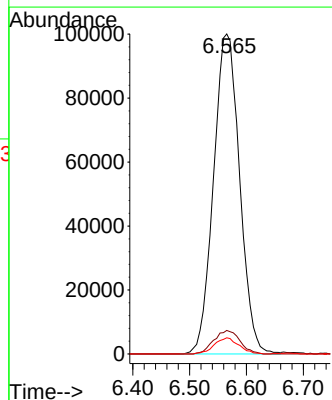
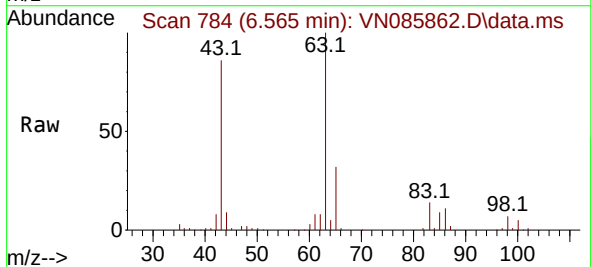
Manual Integrations
 APPROVED

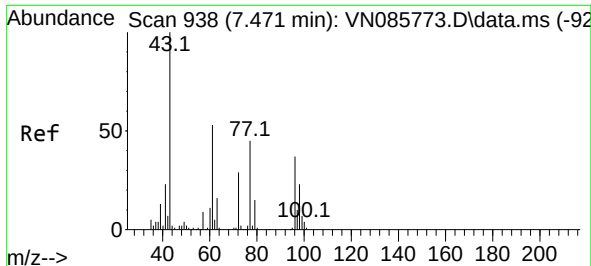
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#24
 1,1-Dichloroethane
 Concen: 46.236 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085862.D
 Acq: 26 Feb 2025 10:32

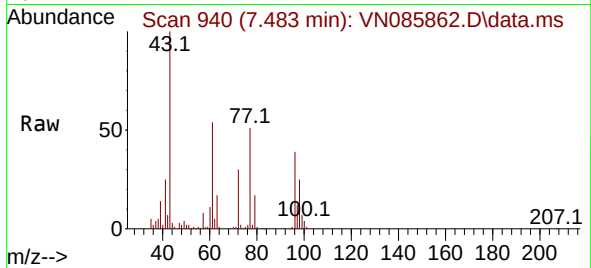
Tgt Ion: 63 Resp: 319388
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 5.1 2.4 7.2





#25
2-Butanone
Concen: 272.647 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

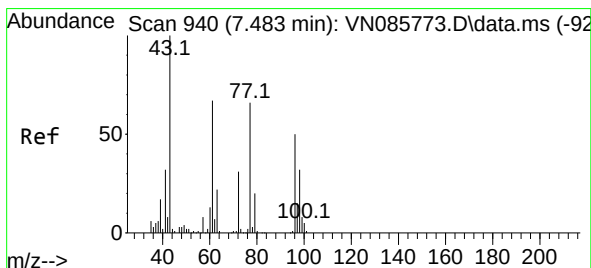
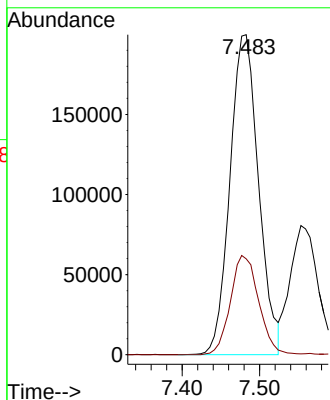
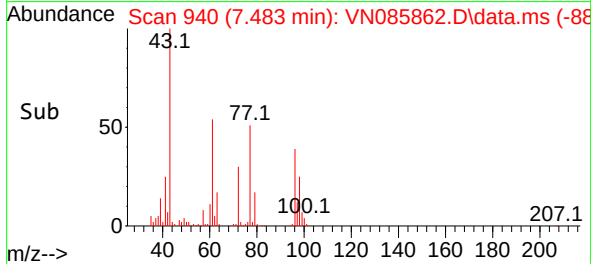
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 51395
Ion Ratio Lower Upper
43 100
72 29.9 23.6 35.4

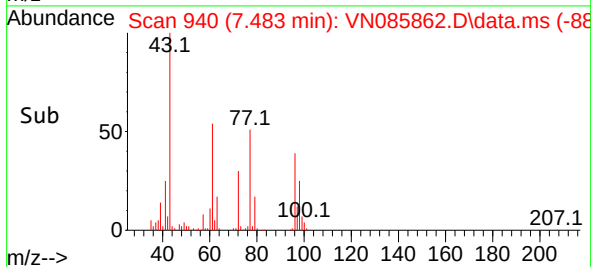
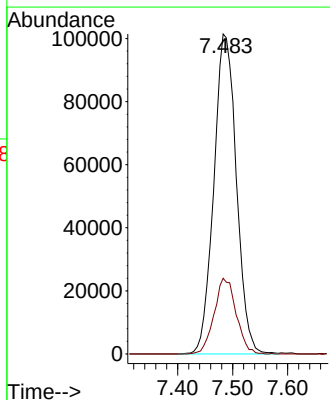
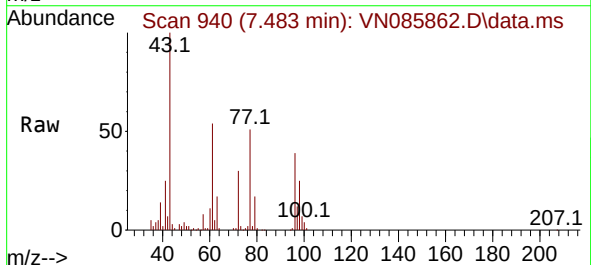
Manual Integrations
APPROVED

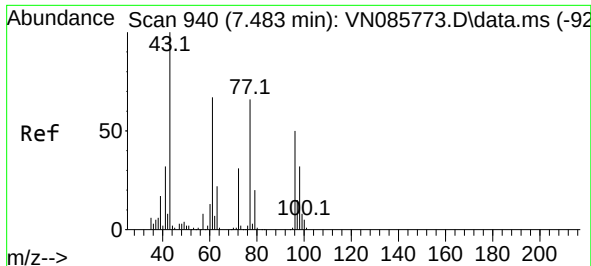
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#26
2,2-Dichloropropane
Concen: 47.094 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

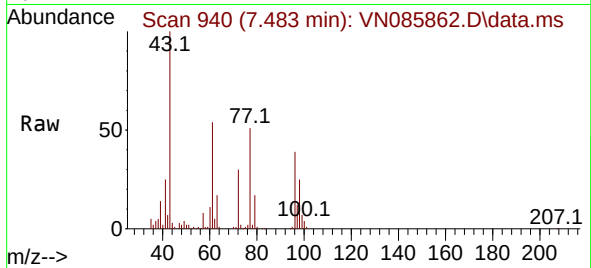
Tgt Ion: 77 Resp: 289279
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 47.145 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085862.D
 Acq: 26 Feb 2025 10:32

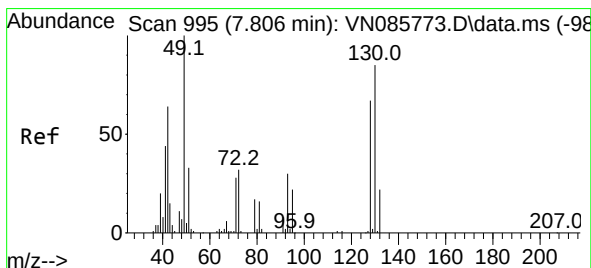
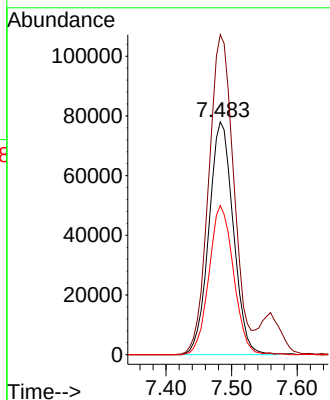
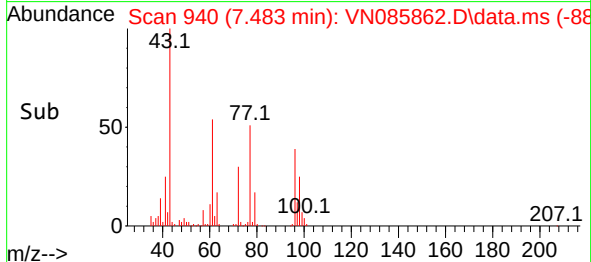
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 20161
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 280.6
 98 64.5 0.0 128.6

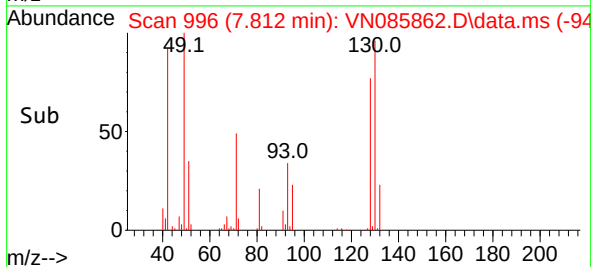
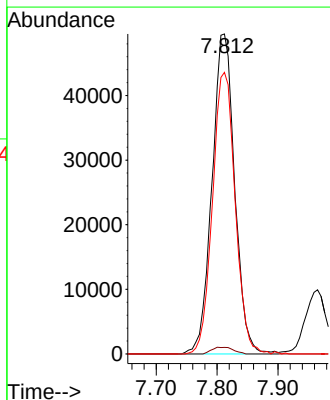
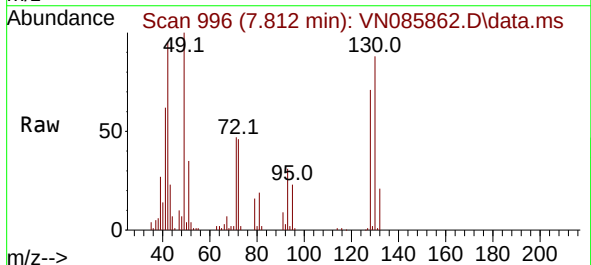
Manual Integrations
 APPROVED

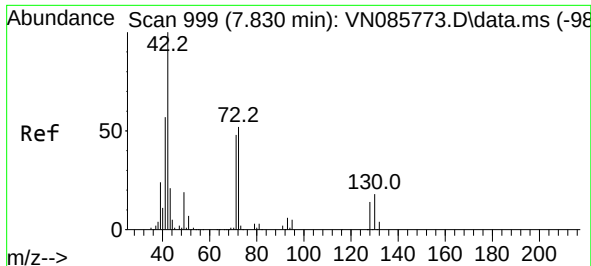
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#28
 Bromochloromethane
 Concen: 45.130 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085862.D
 Acq: 26 Feb 2025 10:32

Tgt Ion: 49 Resp: 128132
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 88.0 68.0 102.0





#29

Tetrahydrofuran

Concen: 277.958 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085862.D

Acq: 26 Feb 2025 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 338340

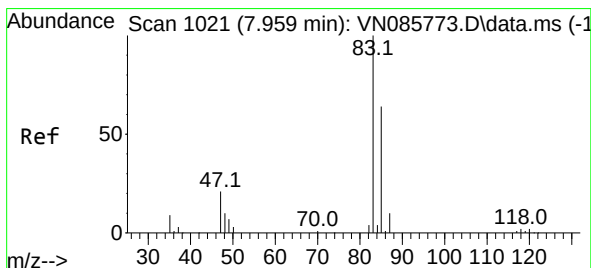
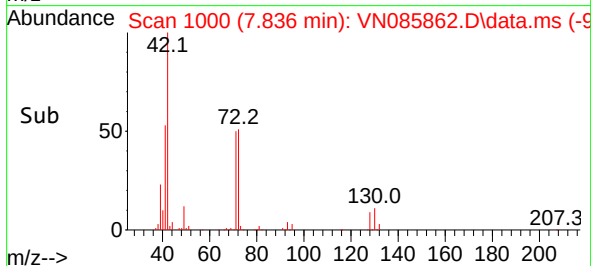
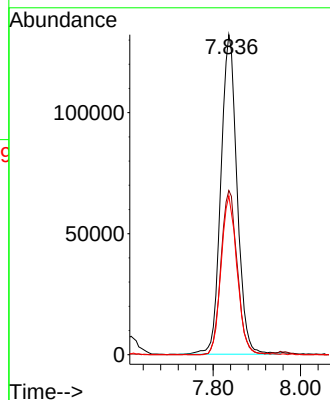
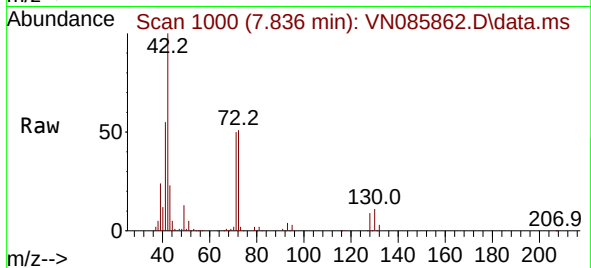
Ion	Ratio	Lower	Upper
42	100		
72	51.6	40.0	60.0
71	49.1	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#30

Chloroform

Concen: 46.953 ug/l

RT: 7.965 min Scan# 1022

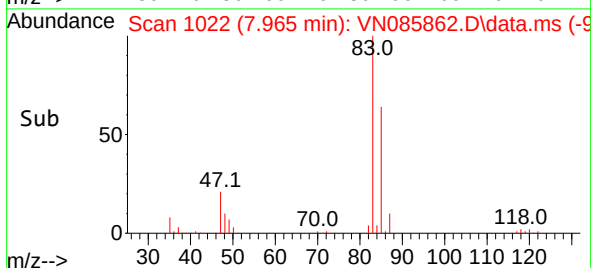
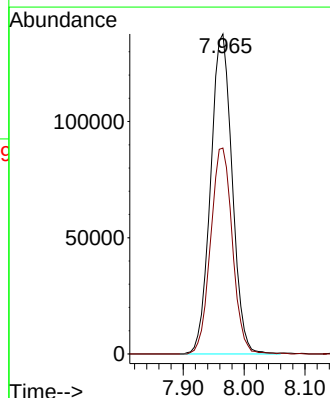
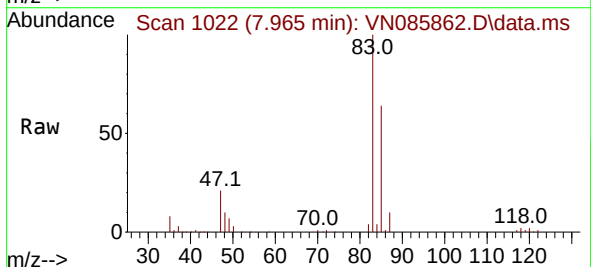
Delta R.T. 0.006 min

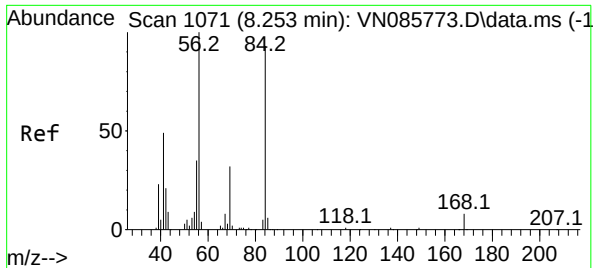
Lab File: VN085862.D

Acq: 26 Feb 2025 10:32

Tgt Ion: 83 Resp: 338948

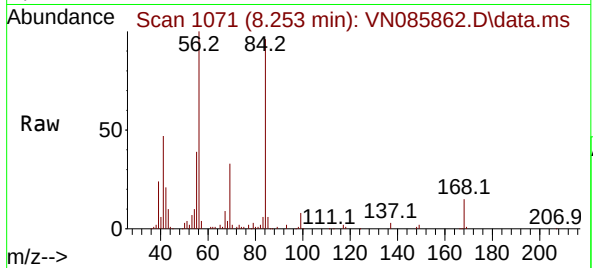
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.9	76.3





#31
Cyclohexane
Concen: 41.631 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

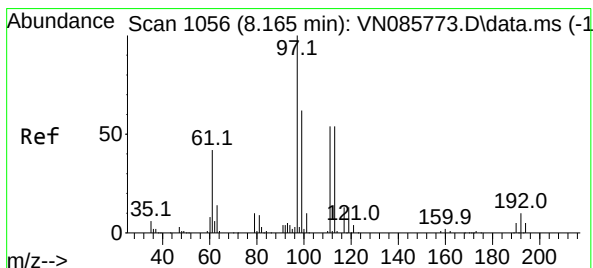
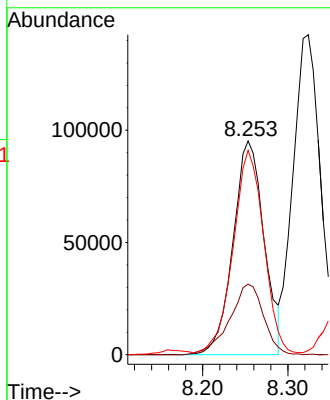
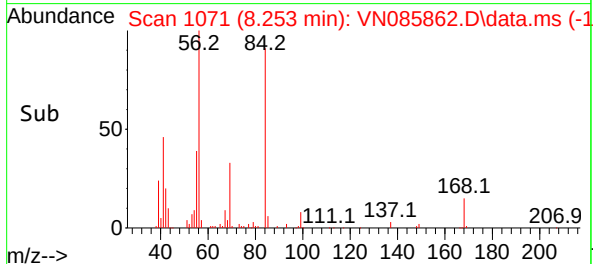
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



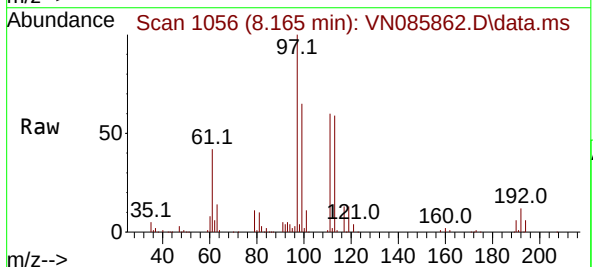
Tgt Ion: 56 Resp: 240788
Ion Ratio Lower Upper
56 100
69 33.0 25.8 38.6
84 93.7 74.5 111.7

Manual Integrations
APPROVED

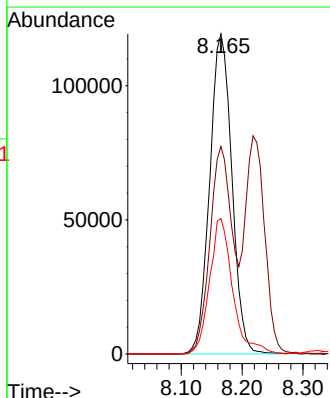
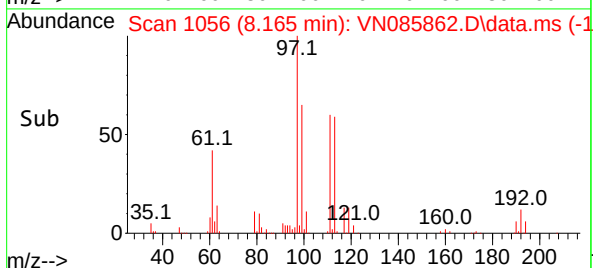
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

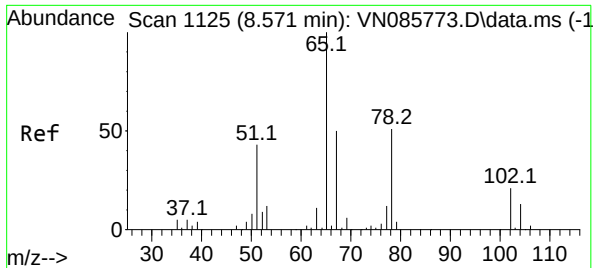


#32
1,1,1-Trichloroethane
Concen: 47.064 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



Tgt Ion: 97 Resp: 302193
Ion Ratio Lower Upper
97 100
99 65.7 50.4 75.6
61 44.0 35.5 53.3





#33
1,2-Dichloroethane-d4
Concen: 49.374 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Instrument :

MSVOA_N

ClientSampleId :

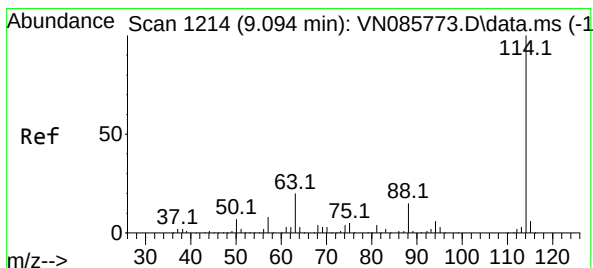
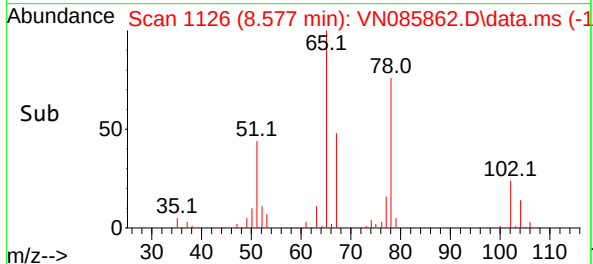
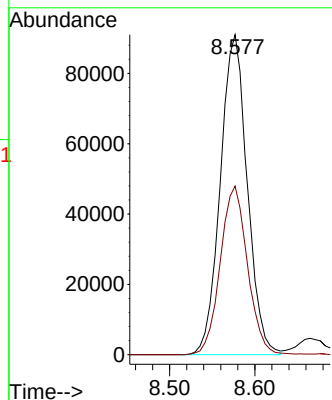
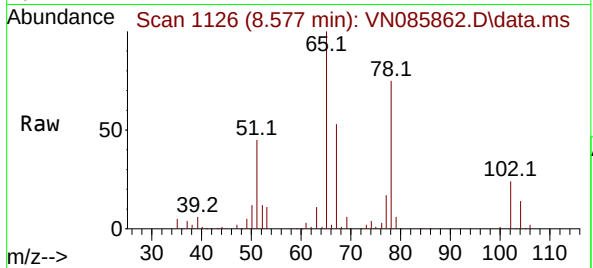
VSTDC050

Tgt Ion: 65 Resp: 19993
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.2

Manual Integrations

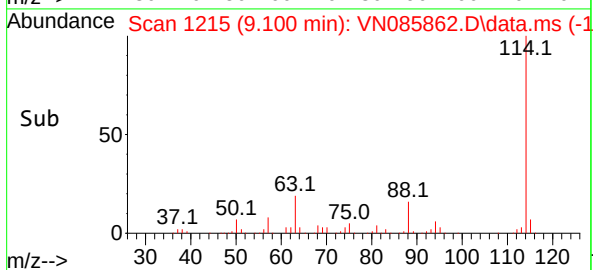
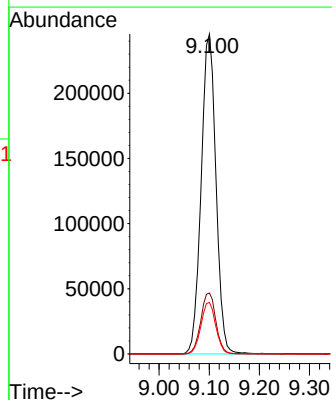
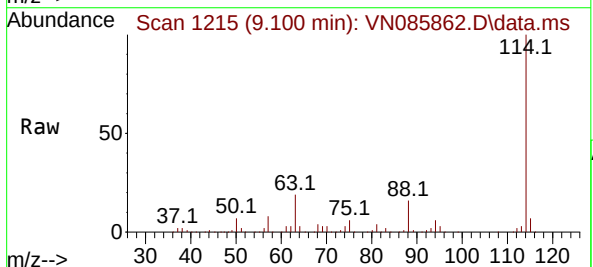
APPROVED

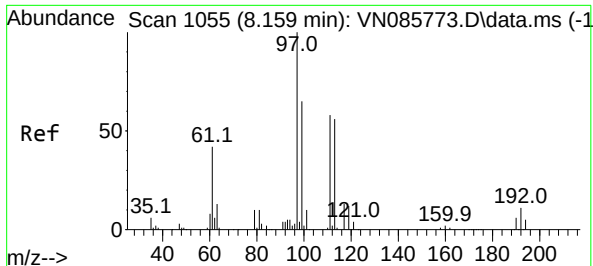
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

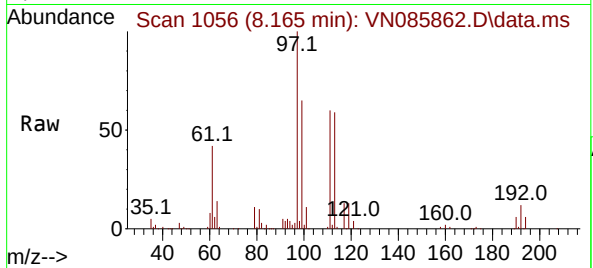
Tgt Ion:114 Resp: 503422
Ion Ratio Lower Upper
114 100
63 19.0 0.0 39.2
88 16.1 0.0 30.0





#35
Dibromofluoromethane
Concen: 52.199 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

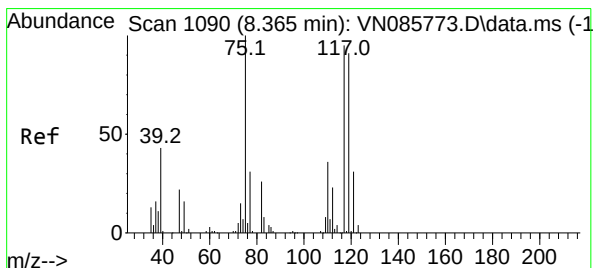
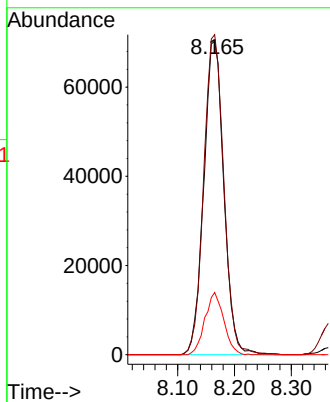
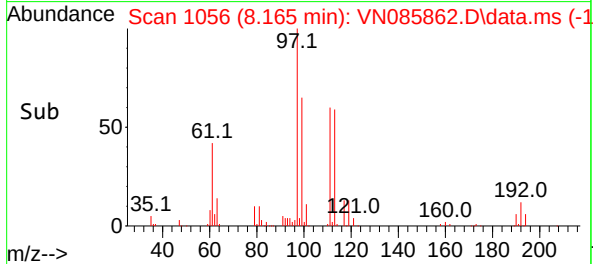
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 171952
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 18.7 14.7 22.1

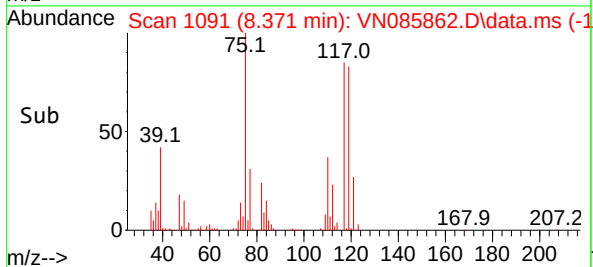
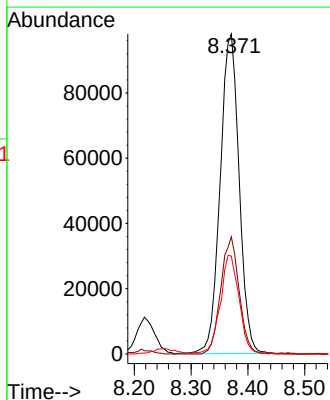
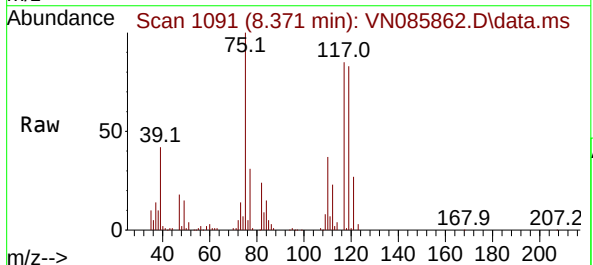
Manual Integrations
APPROVED

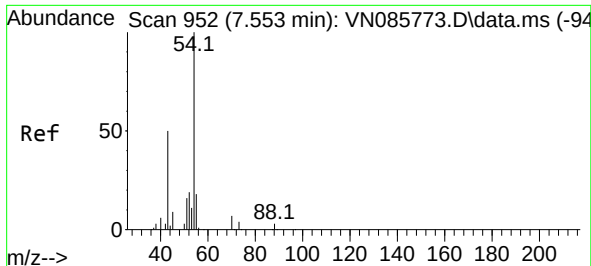
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#36
1,1-Dichloropropene
Concen: 48.792 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Tgt Ion: 75 Resp: 227474
Ion Ratio Lower Upper
75 100
110 35.4 17.3 52.0
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 54.442 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN085862.D

Acq: 26 Feb 2025 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 20887

Ion Ratio Lower Upper

43 100

61 14.1 12.2 18.2

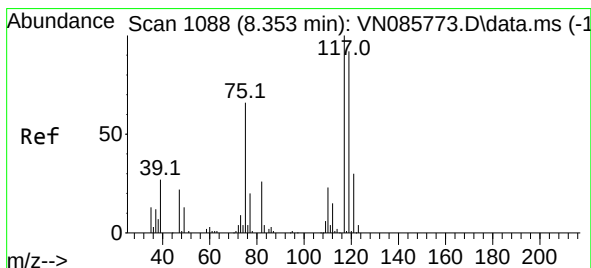
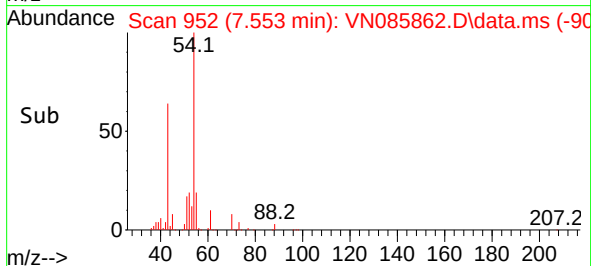
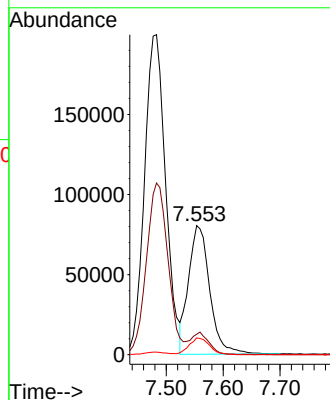
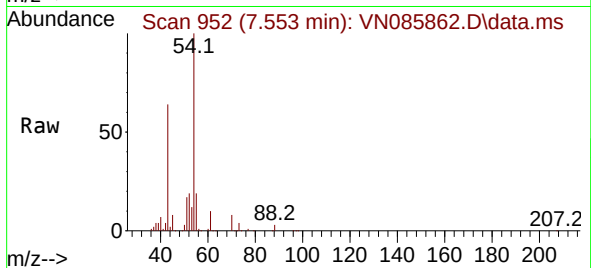
70 12.5 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#38

Carbon Tetrachloride

Concen: 48.556 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN085862.D

Acq: 26 Feb 2025 10:32

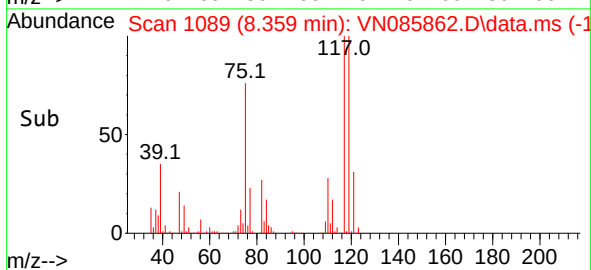
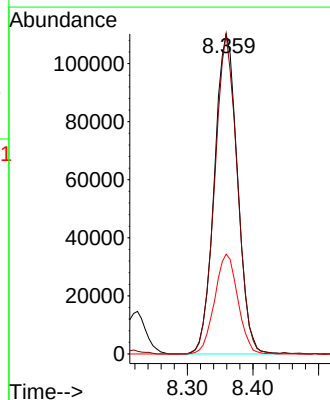
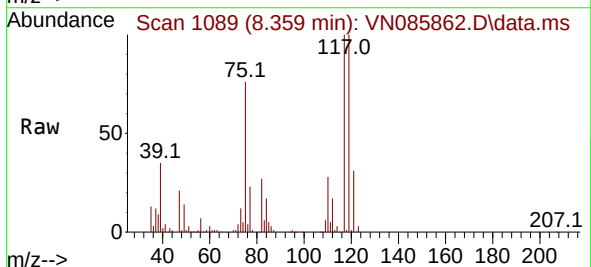
Tgt Ion:117 Resp: 268978

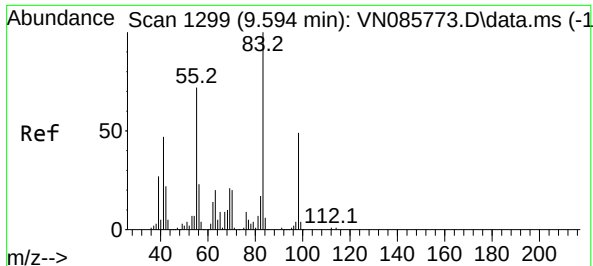
Ion Ratio Lower Upper

117 100

119 100.0 73.8 110.6

121 31.2 24.3 36.5





#39

Methylcyclohexane

Concen: 48.357 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085862.D

Acq: 26 Feb 2025 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

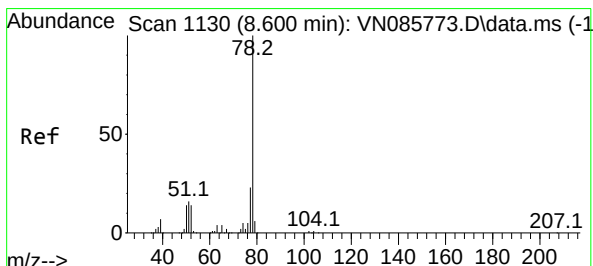
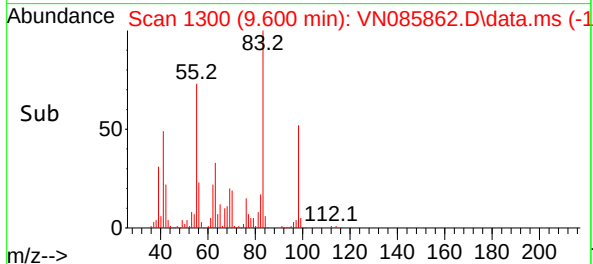
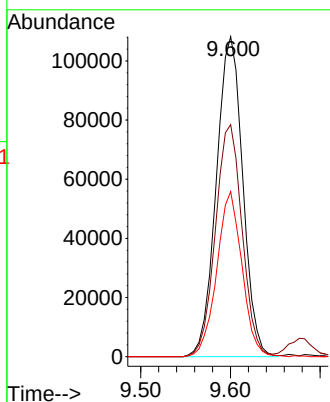
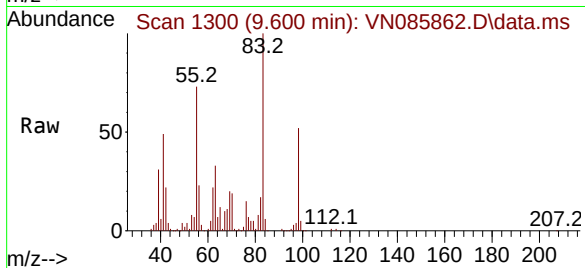
Tgt Ion: 83 Resp: 221479
 Ion Ratio Lower Upper
 83 100
 55 72.5 57.5 86.3
 98 51.6 39.2 58.8

Manual Integrations

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Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#40

Benzene

Concen: 47.961 ug/l

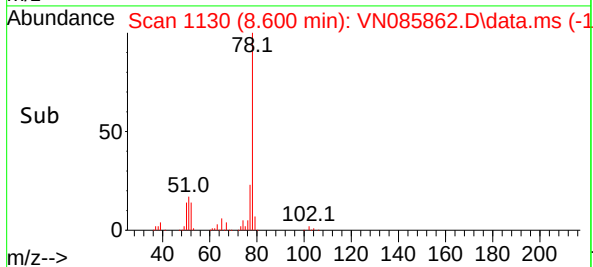
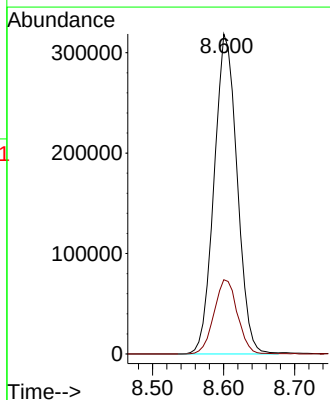
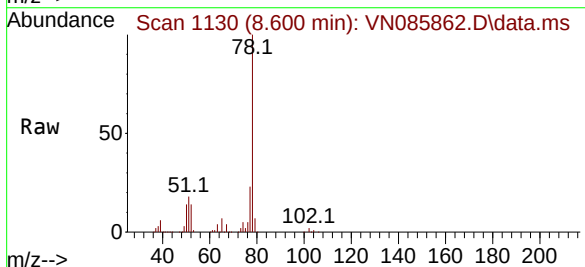
RT: 8.600 min Scan# 1130

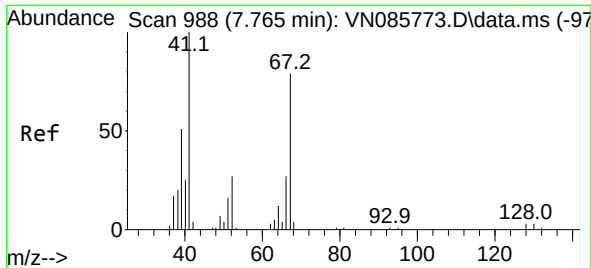
Delta R.T. 0.000 min

Lab File: VN085862.D

Acq: 26 Feb 2025 10:32

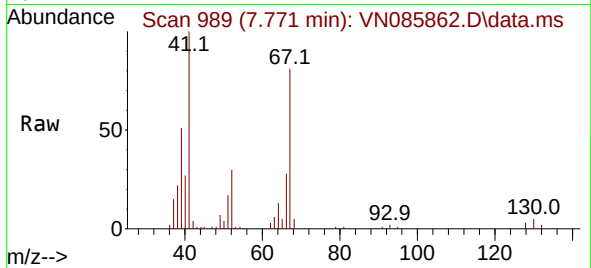
Tgt Ion: 78 Resp: 716647
 Ion Ratio Lower Upper
 78 100
 77 23.2 18.3 27.5





#41
Methacrylonitrile
Concen: 54.860 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

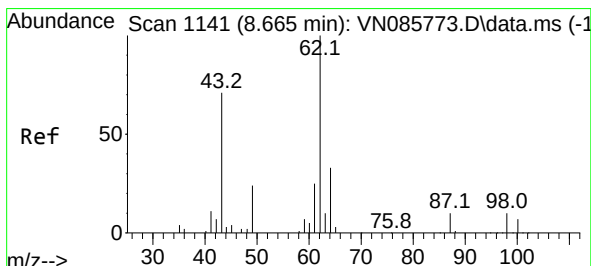
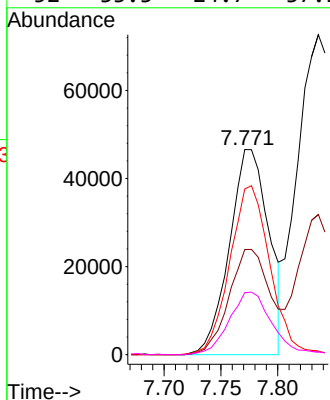
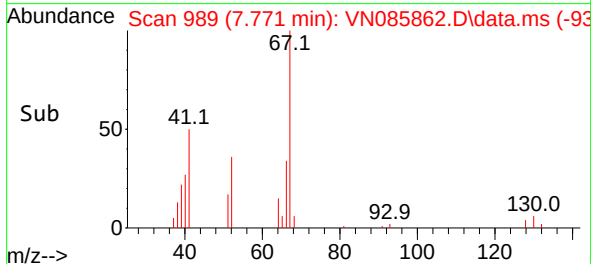
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 112517
Ion Ratio Lower Upper
41 100
39 55.3 42.0 63.0
67 84.3 64.2 96.4
52 33.3 24.7 37.1

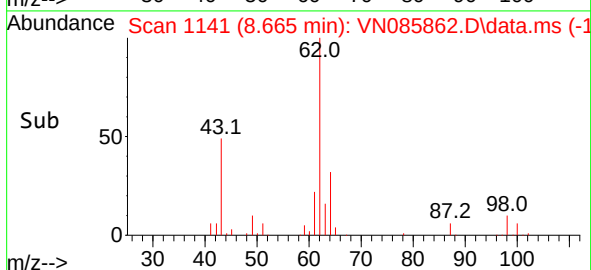
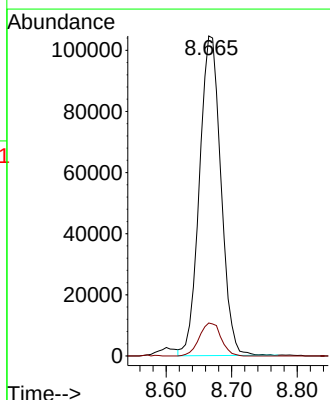
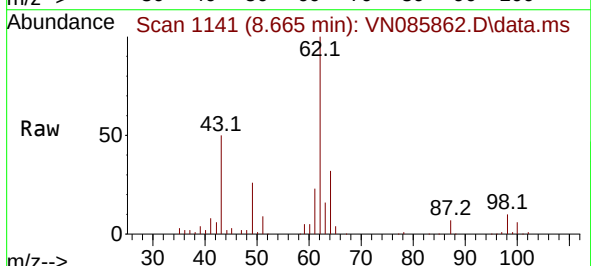
Manual Integrations
APPROVED

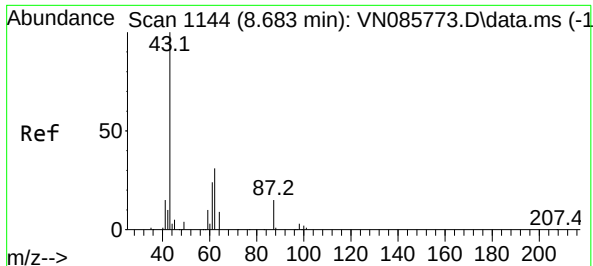
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#42
1,2-Dichloroethane
Concen: 48.849 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

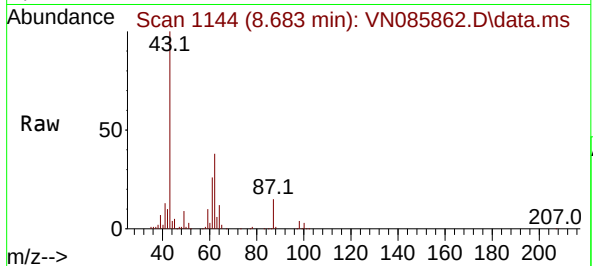
Tgt Ion: 62 Resp: 237756
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.6





#43
Isopropyl Acetate
Concen: 50.669 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

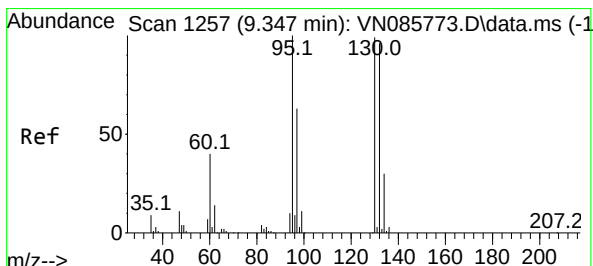
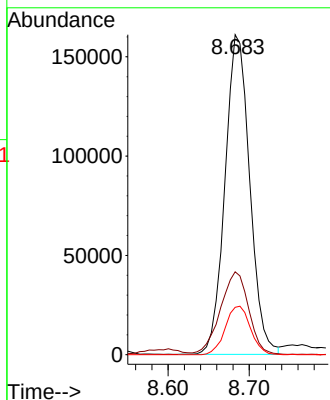
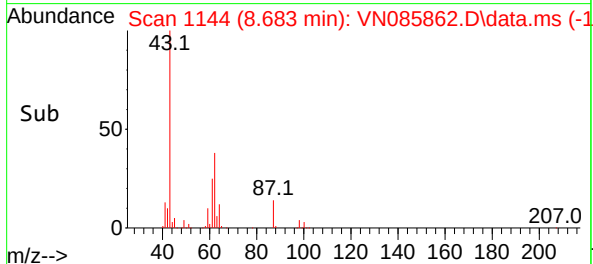
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 34112
Ion Ratio Lower Upper
43 100
61 29.4 22.6 34.0
87 15.4 11.8 17.8

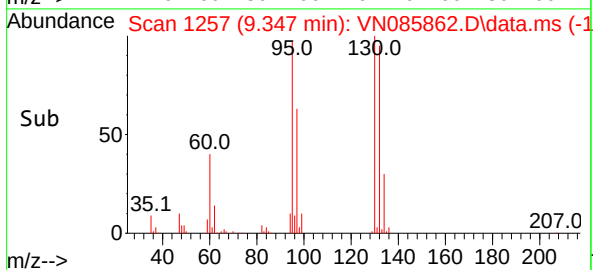
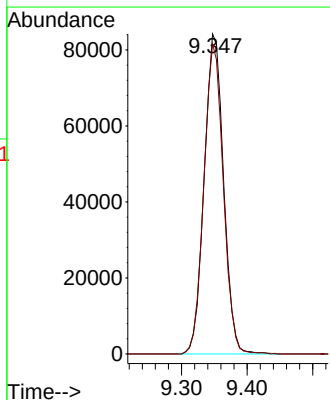
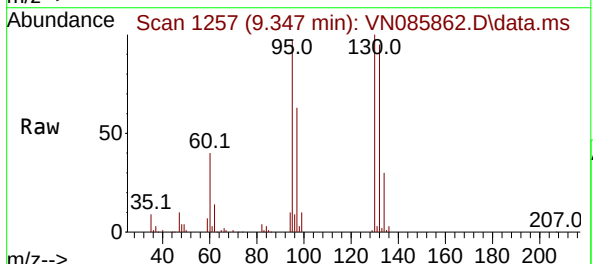
Manual Integrations
APPROVED

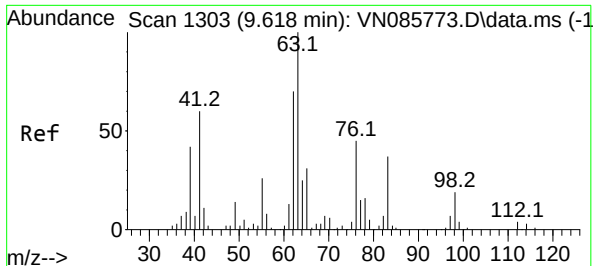
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#44
Trichloroethene
Concen: 47.117 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Tgt Ion:130 Resp: 172862
Ion Ratio Lower Upper
130 100
95 96.9 0.0 202.6





#45

1,2-Dichloropropane

Concen: 48.741 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085862.D

Acq: 26 Feb 2025 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 17580

Ion Ratio Lower Upper

63 100

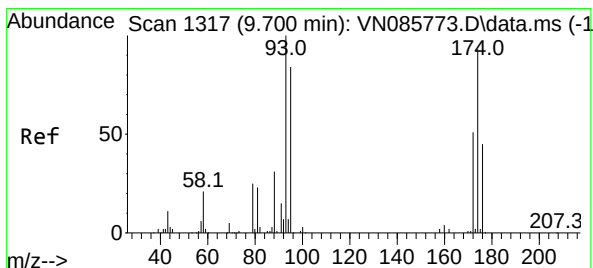
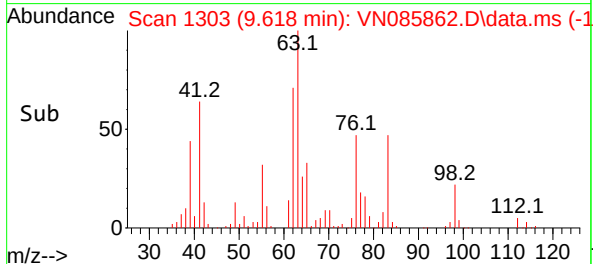
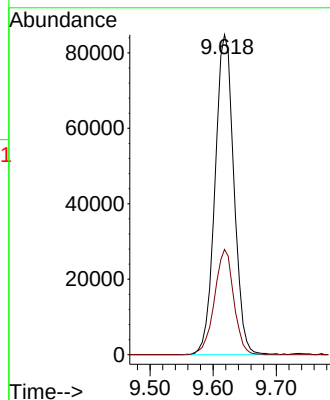
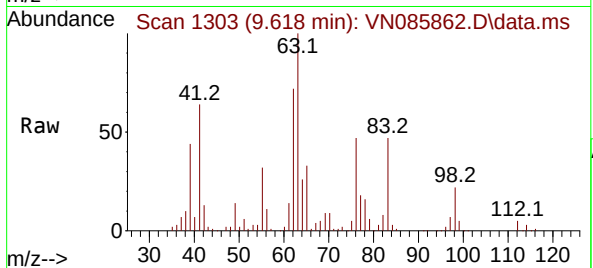
65 32.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#46

Dibromomethane

Concen: 49.614 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085862.D

Acq: 26 Feb 2025 10:32

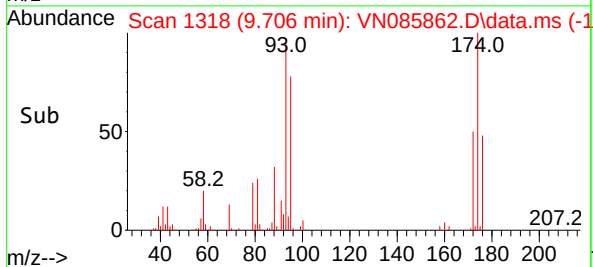
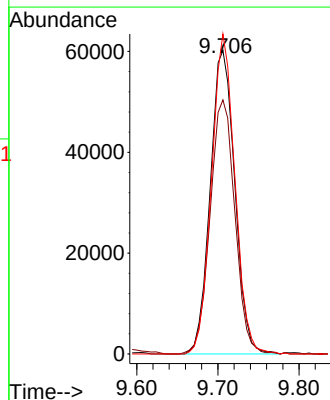
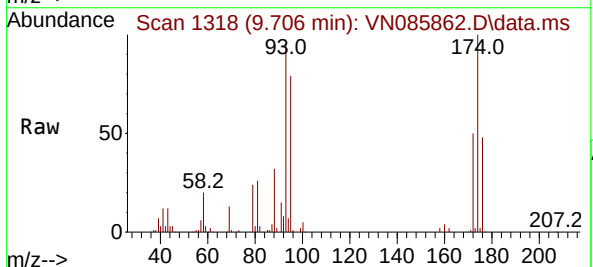
Tgt Ion: 93 Resp: 126223

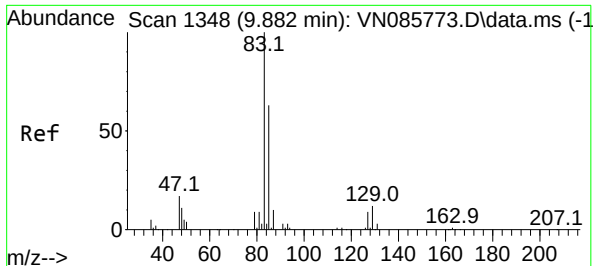
Ion Ratio Lower Upper

93 100

95 84.7 66.7 100.1

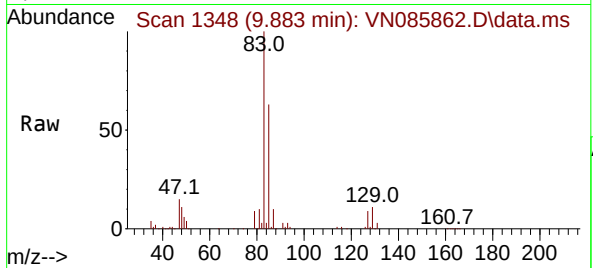
174 100.6 77.2 115.8





#47
Bromodichloromethane
Concen: 49.154 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

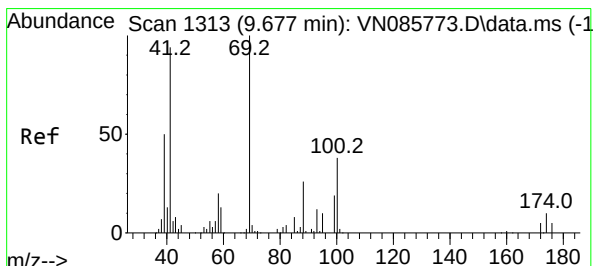
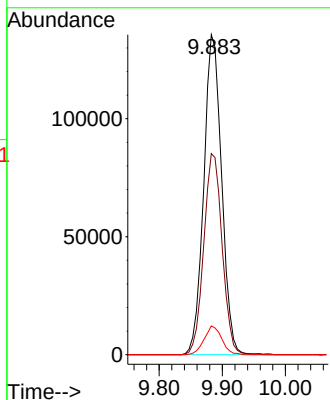
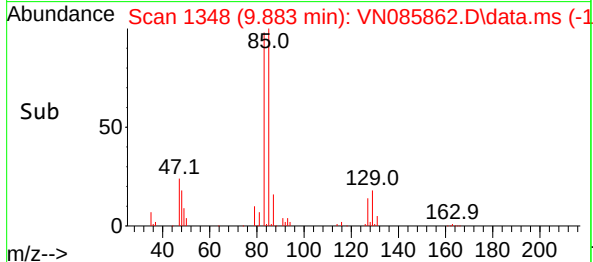
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



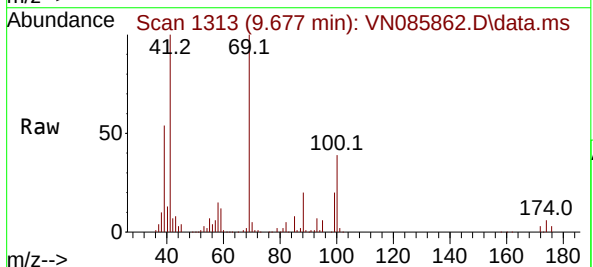
Tgt Ion: 83 Resp: 267549
Ion Ratio Lower Upper
83 100
85 62.9 50.5 75.7
127 9.0 7.2 10.8

Manual Integrations
APPROVED

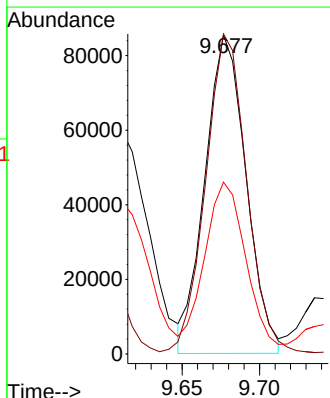
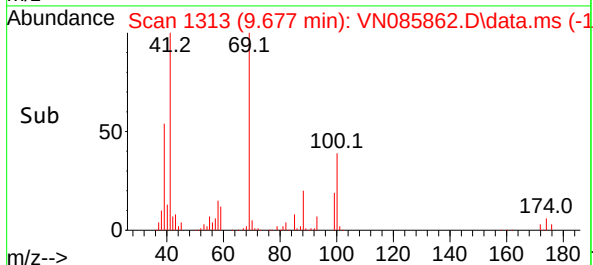
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

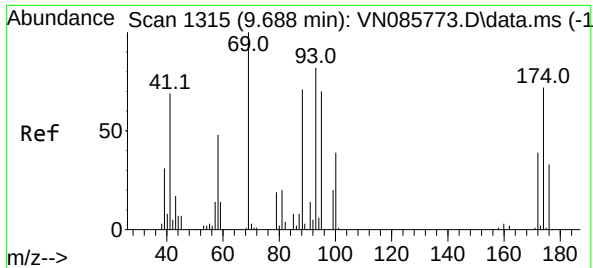


#48
Methyl methacrylate
Concen: 55.219 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



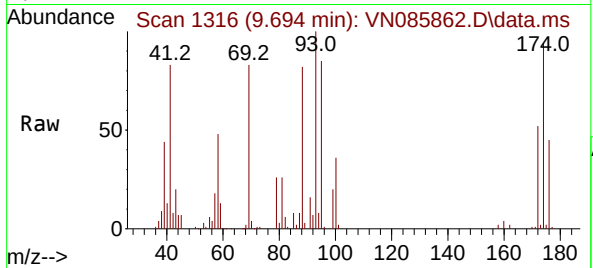
Tgt Ion: 41 Resp: 157337
Ion Ratio Lower Upper
41 100
69 100.6 76.0 114.0
39 55.1 42.3 63.5





#49
1,4-Dioxane
Concen: 1348.716 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

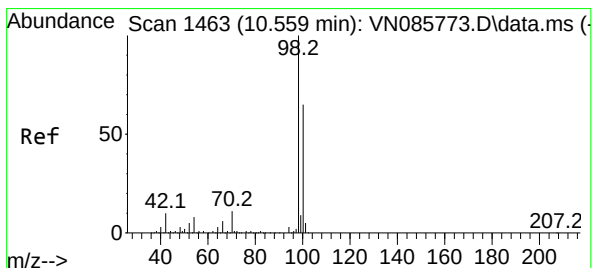
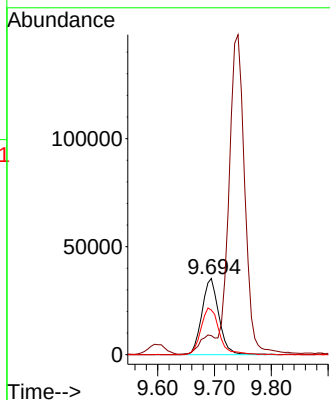
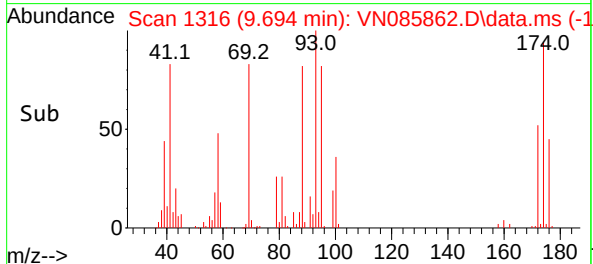
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



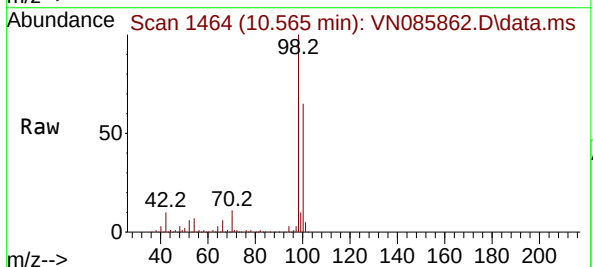
Tgt Ion: 88 Resp: 73078
Ion Ratio Lower Upper
88 100
43 22.2 18.6 27.8
58 65.7 56.7 85.1

Manual Integrations
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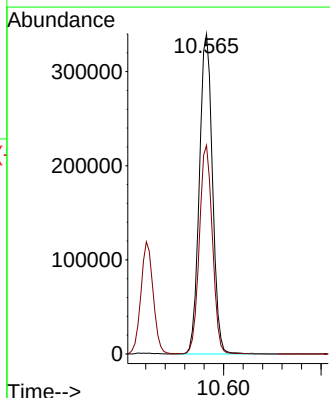
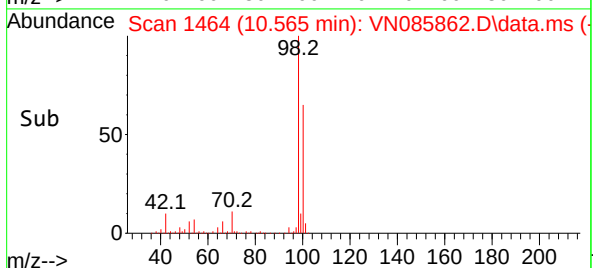
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

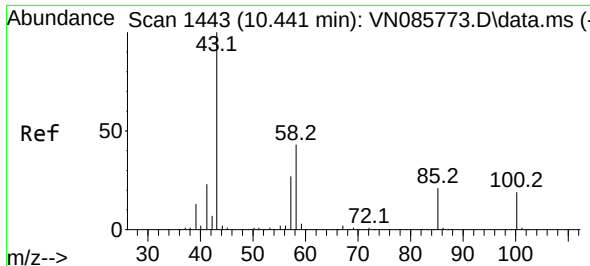


#50
Toluene-d8
Concen: 52.923 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



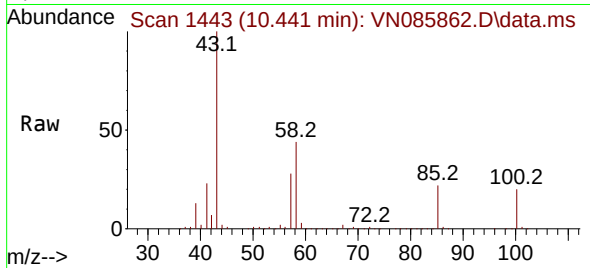
Tgt Ion: 98 Resp: 634293
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 294.439 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

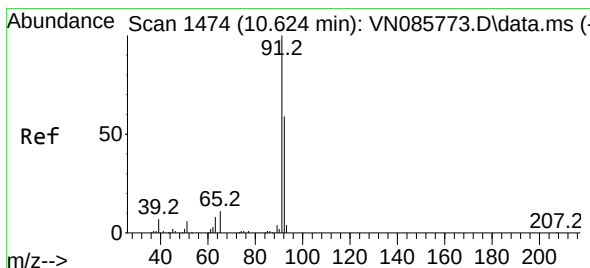
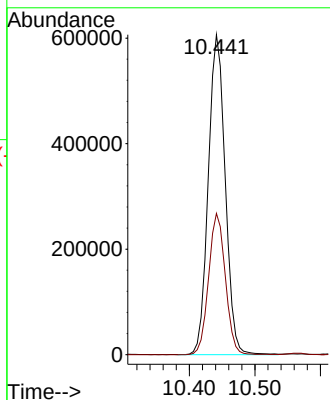
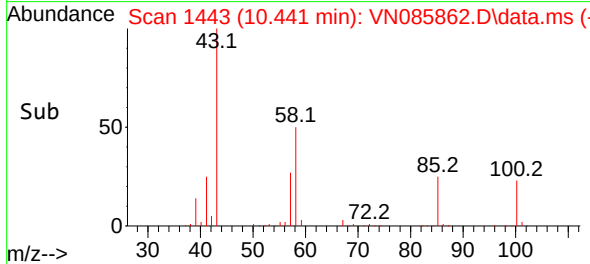
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



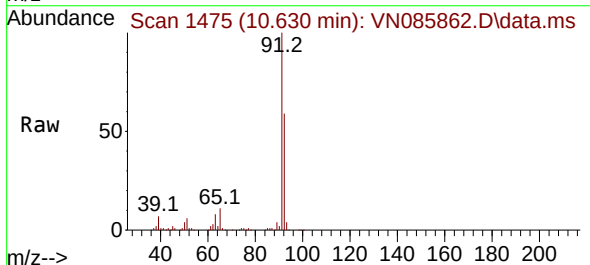
Tgt Ion: 43 Resp: 108914
Ion Ratio Lower Upper
43 100
58 43.6 34.6 52.0

Manual Integrations
APPROVED

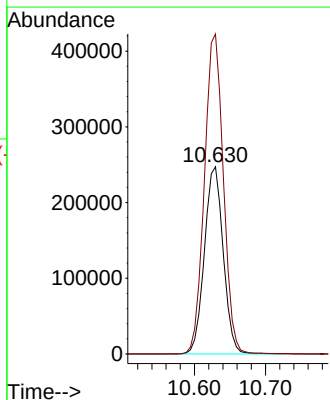
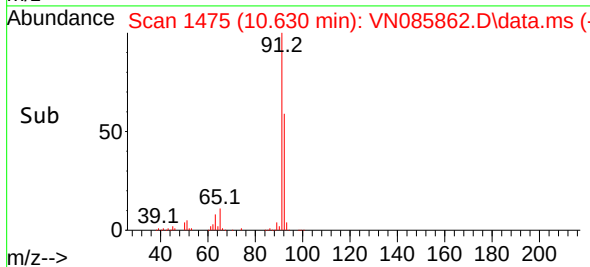
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

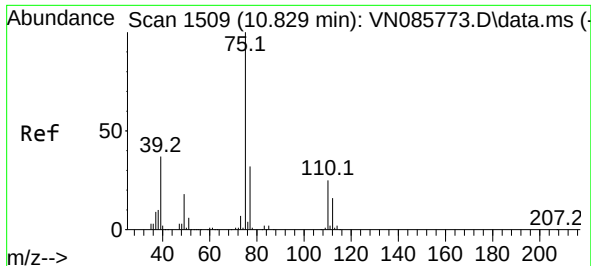


#52
Toluene
Concen: 52.028 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



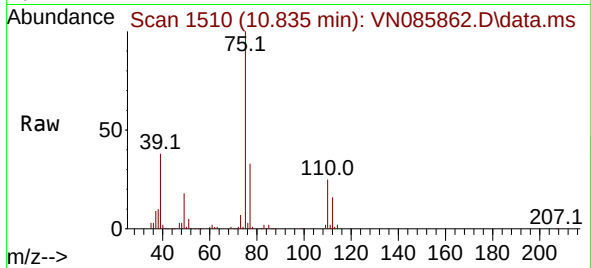
Tgt Ion: 92 Resp: 455712
Ion Ratio Lower Upper
92 100
91 172.6 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 52.451 ug/l
RT: 10.835 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

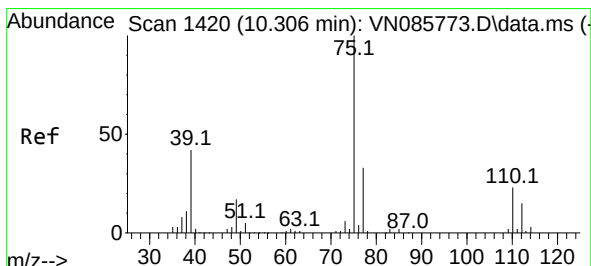
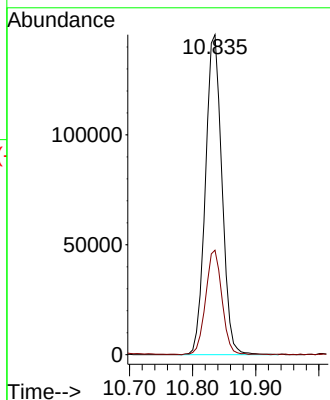
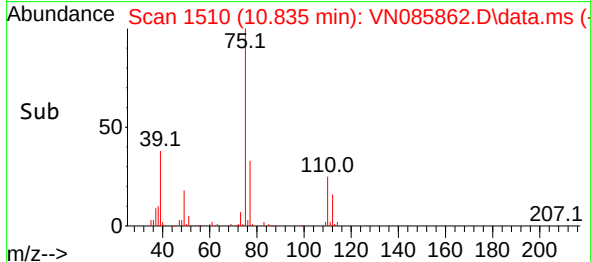
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 26399
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0

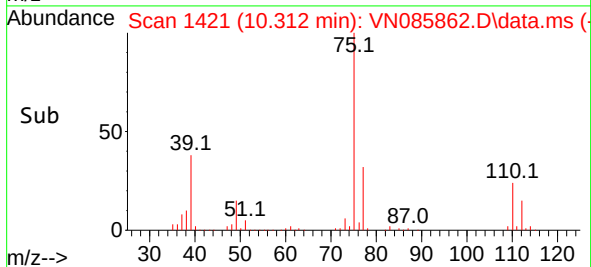
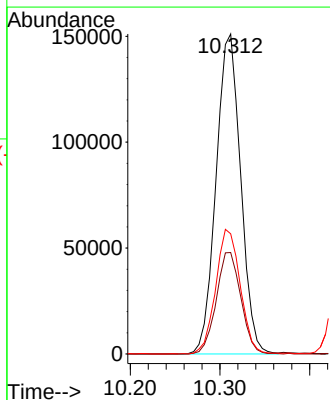
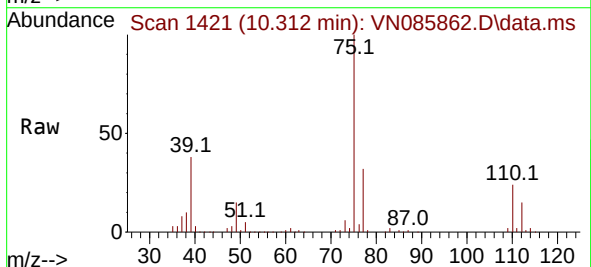
Manual Integrations
APPROVED

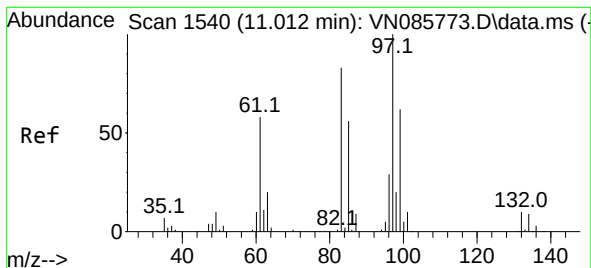
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#54
cis-1,3-Dichloropropene
Concen: 52.010 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

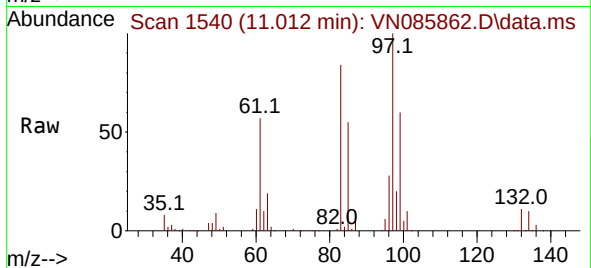
Tgt Ion: 75 Resp: 287047
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 37.6 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 51.140 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

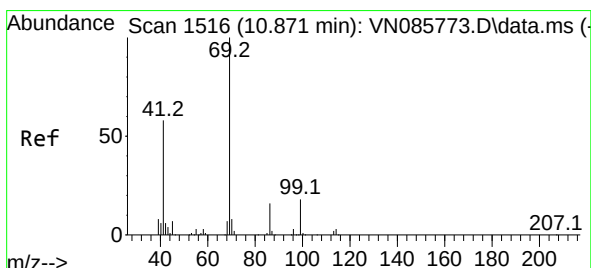
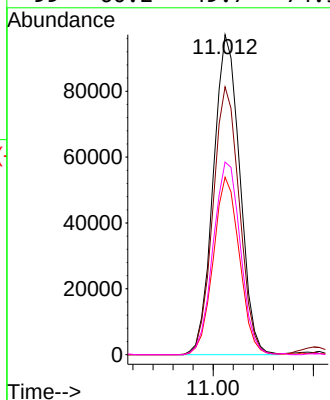
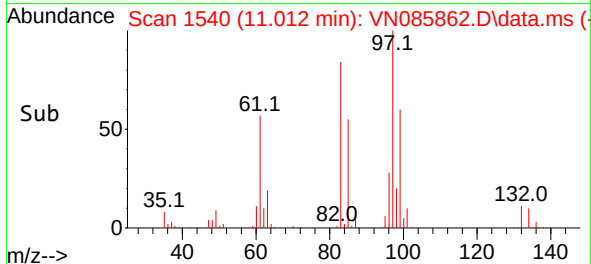
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



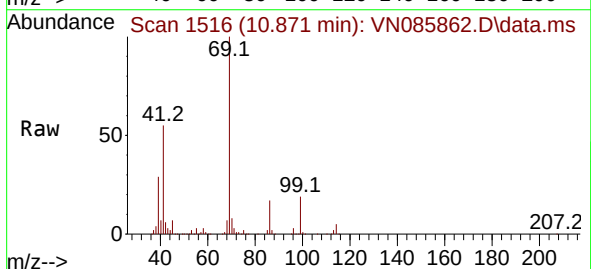
Tgt Ion: 97 Resp: 178090
Ion Ratio Lower Upper
97 100
83 83.7 66.1 99.1
85 55.4 44.7 67.1
99 60.2 49.7 74.5

Manual Integrations
APPROVED

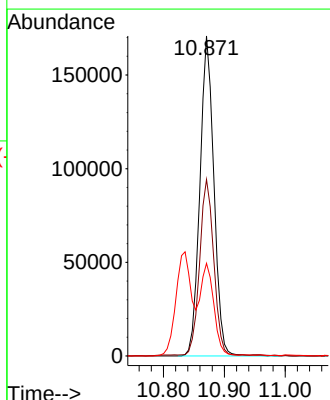
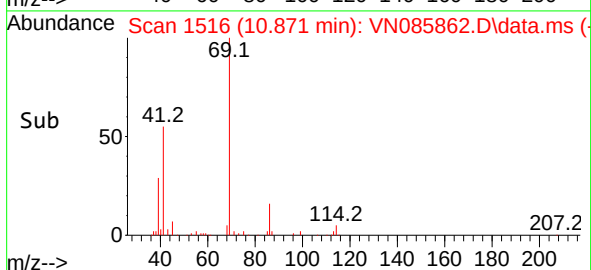
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

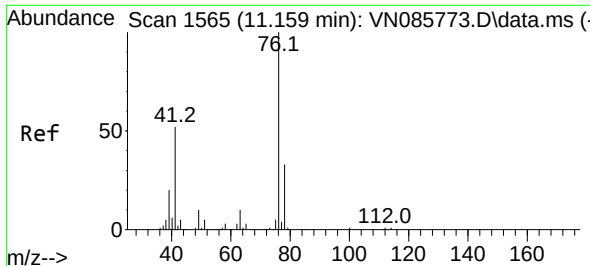


#56
Ethyl methacrylate
Concen: 53.925 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



Tgt Ion: 69 Resp: 272613
Ion Ratio Lower Upper
69 100
41 55.3 46.0 69.0
39 27.5 22.0 33.0





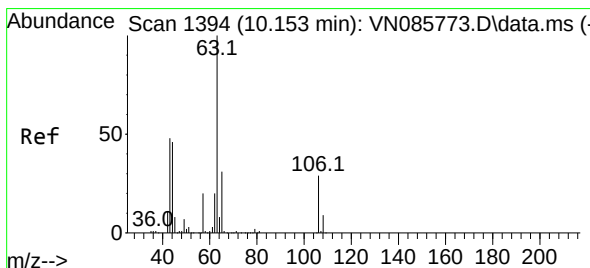
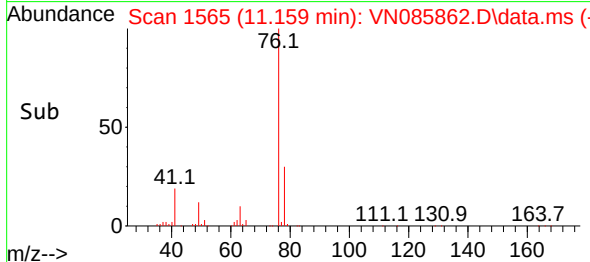
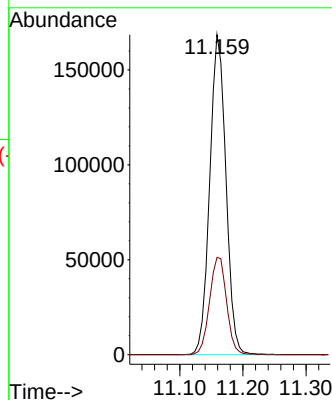
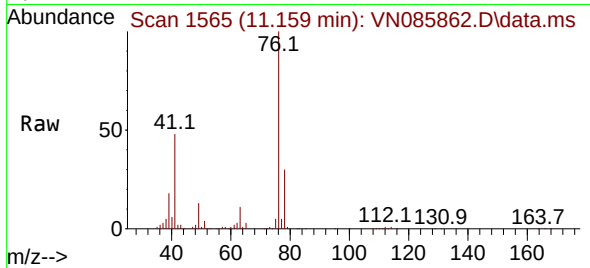
#57
1,3-Dichloropropane
Concen: 51.613 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 300052
Ion Ratio Lower Upper
76 100
78 31.9 25.9 38.9

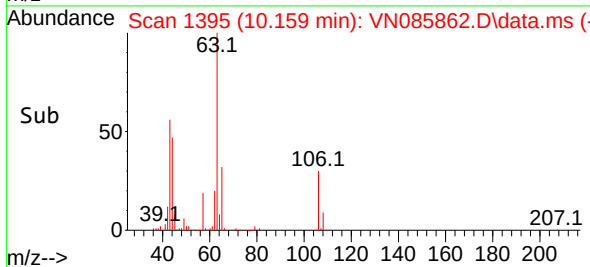
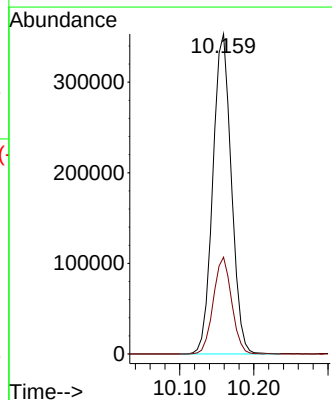
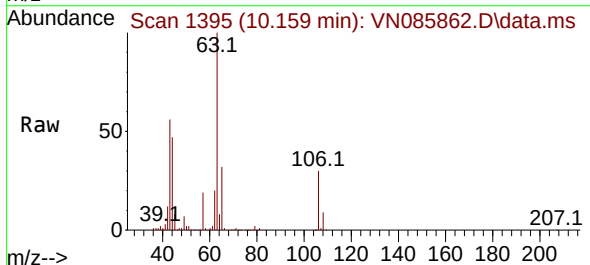
Manual Integrations
APPROVED

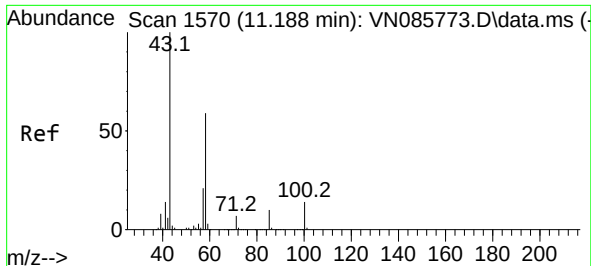
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 295.691 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Tgt Ion: 63 Resp: 612478
Ion Ratio Lower Upper
63 100
106 29.8 22.7 34.1





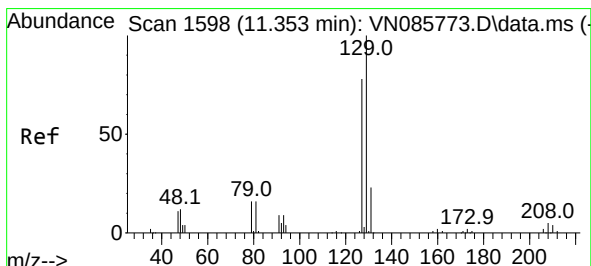
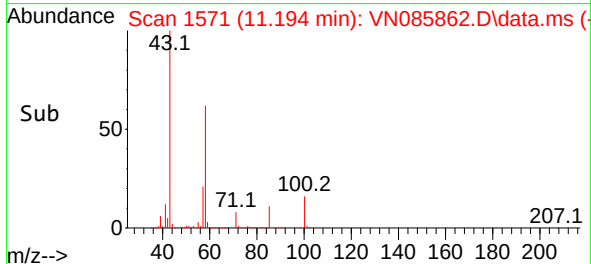
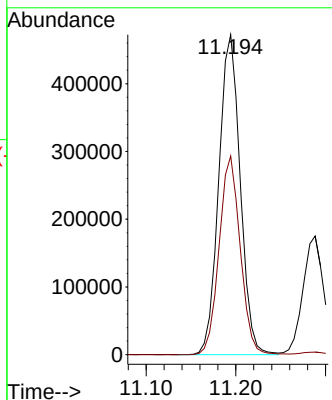
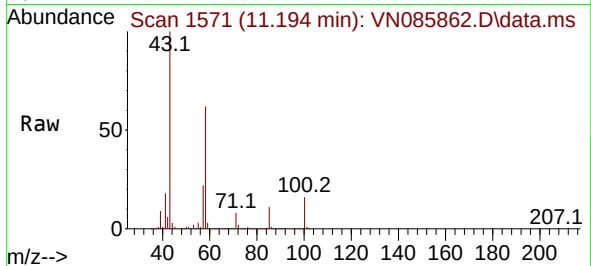
#59
2-Hexanone
Concen: 307.699 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 783015
Ion Ratio Lower Upper
43 100
58 61.1 29.8 89.5

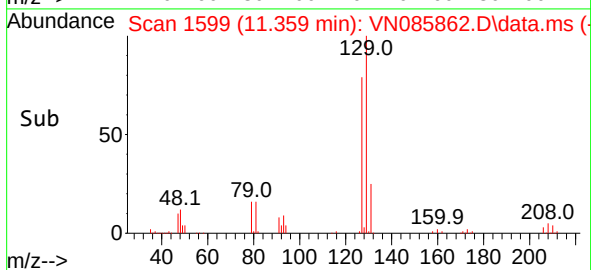
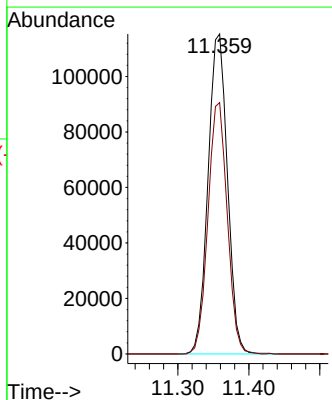
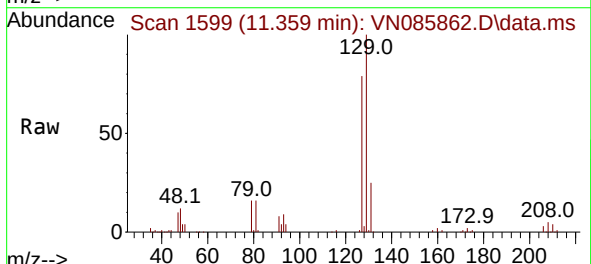
Manual Integrations
APPROVED

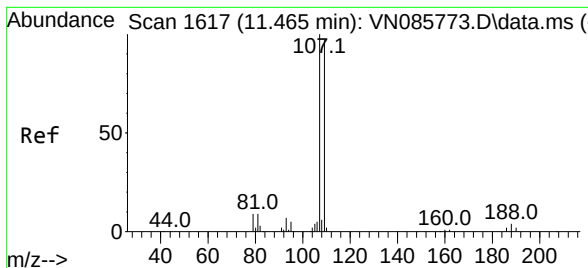
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#60
Dibromochloromethane
Concen: 53.851 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

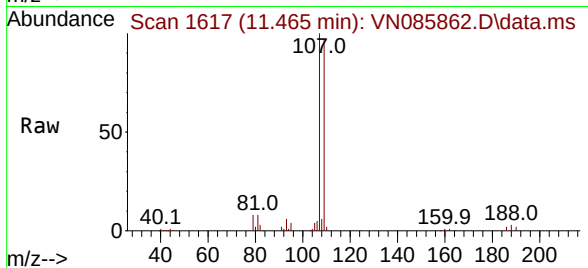
Tgt Ion:129 Resp: 218377
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.5





#61
1,2-Dibromoethane
Concen: 53.137 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

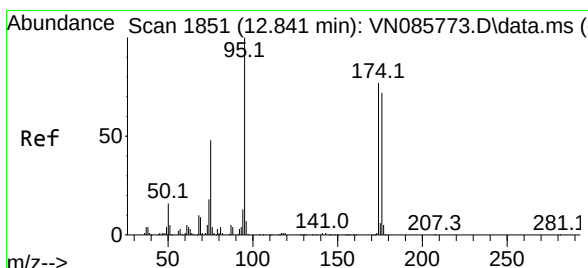
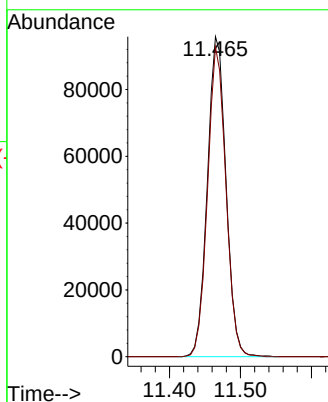
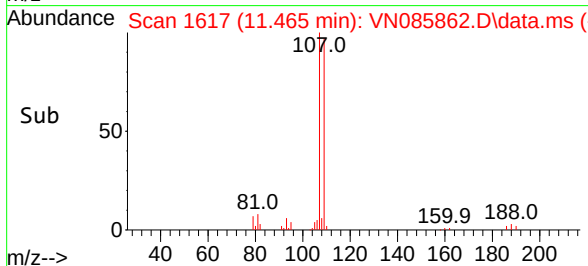
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



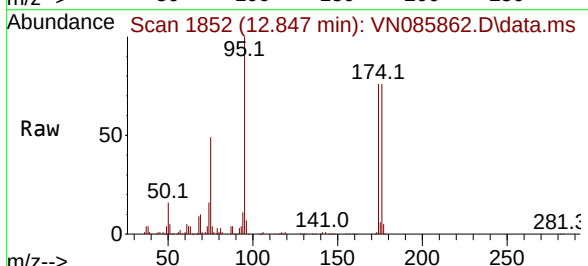
Tgt Ion:107 Resp: 174844
Ion Ratio Lower Upper
107 100
109 94.9 76.0 114.0

Manual Integrations
APPROVED

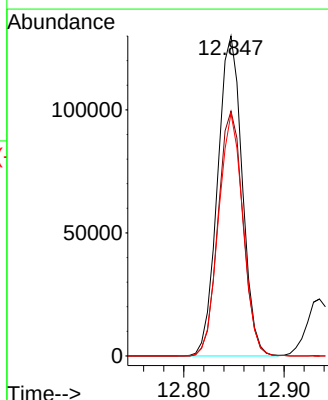
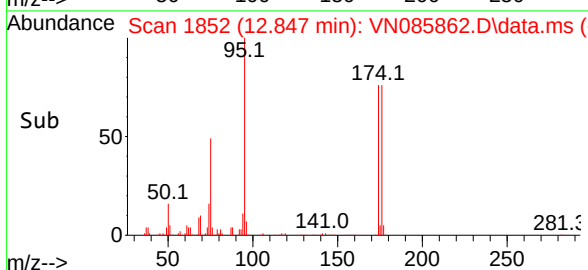
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

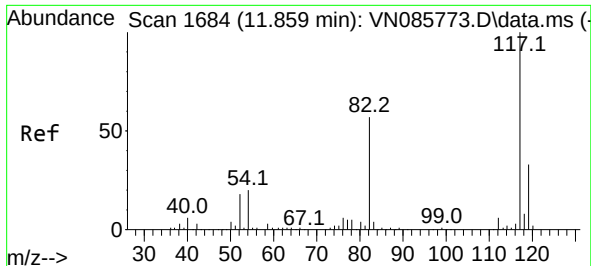


#62
4-Bromofluorobenzene
Concen: 56.118 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



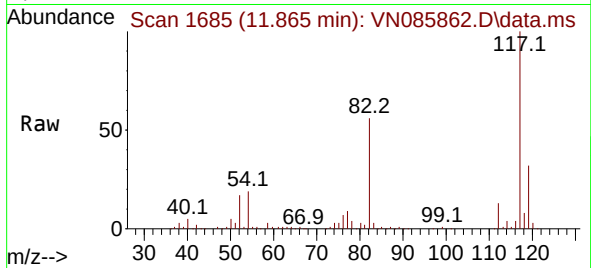
Tgt Ion: 95 Resp: 221599
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.4
176 75.3 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

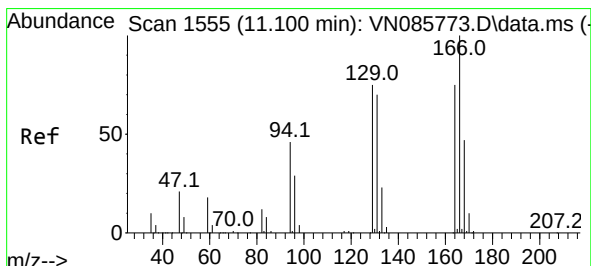
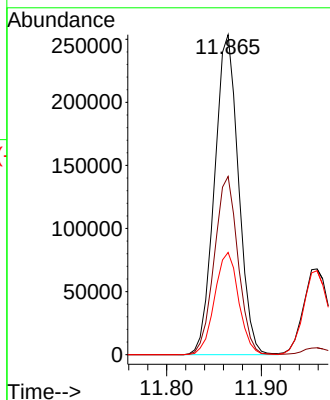
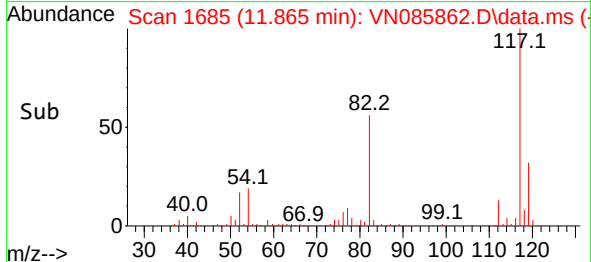
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



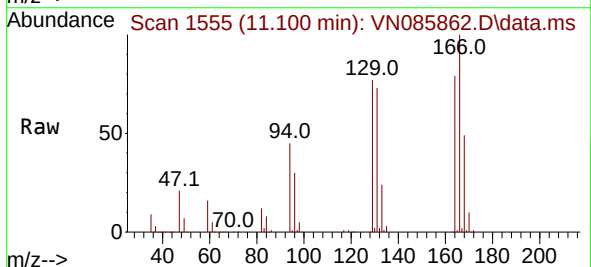
Tgt Ion:117 Resp: 44658
Ion Ratio Lower Upper
117 100
82 55.7 45.7 68.5
119 32.0 26.2 39.2

Manual Integrations
APPROVED

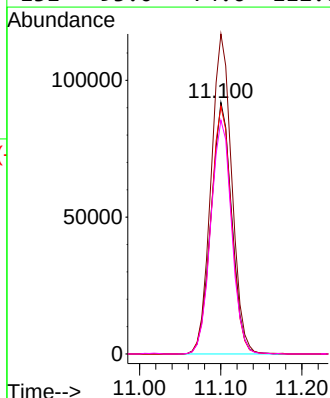
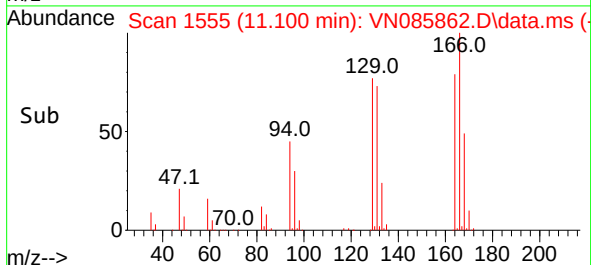
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

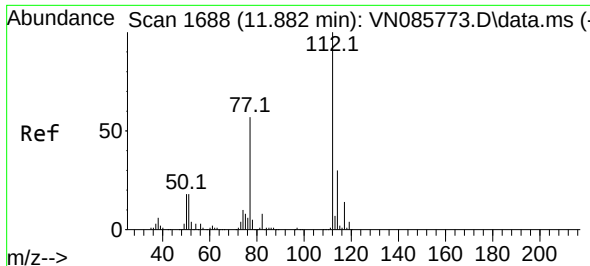


#64
Tetrachloroethene
Concen: 47.036 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



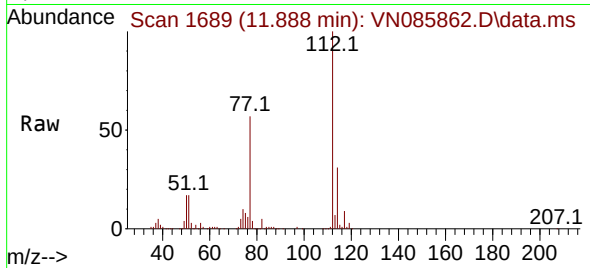
Tgt Ion:164 Resp: 162731
Ion Ratio Lower Upper
164 100
166 127.2 107.2 160.8
129 98.5 80.7 121.1
131 93.0 74.6 112.0





#65
Chlorobenzene
Concen: 48.466 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

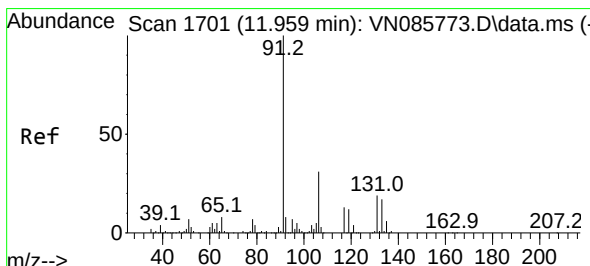
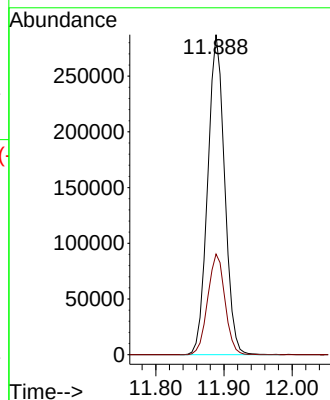
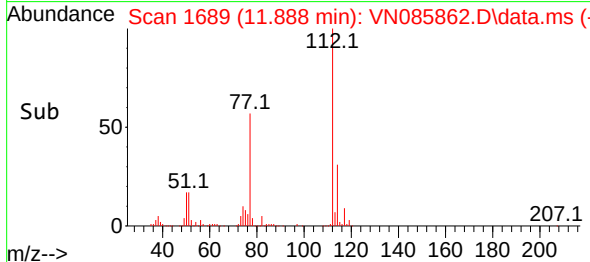
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



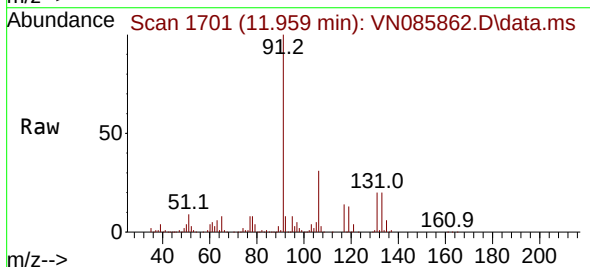
Tgt Ion:112 Resp: 495840
Ion Ratio Lower Upper
112 100
114 31.5 24.3 36.5

Manual Integrations
APPROVED

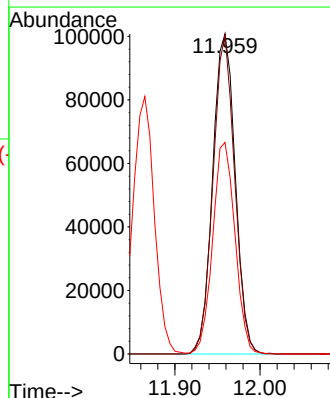
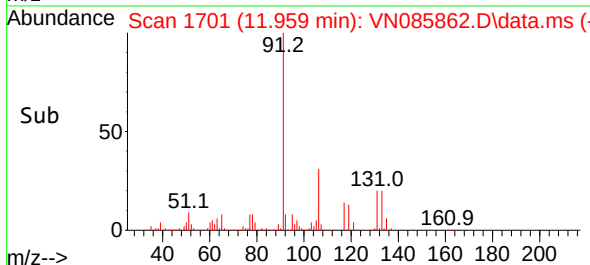
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

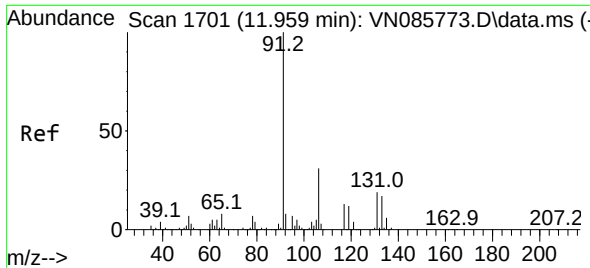


#66
1,1,1,2-Tetrachloroethane
Concen: 50.366 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



Tgt Ion:131 Resp: 185207
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 65.5 33.3 99.8





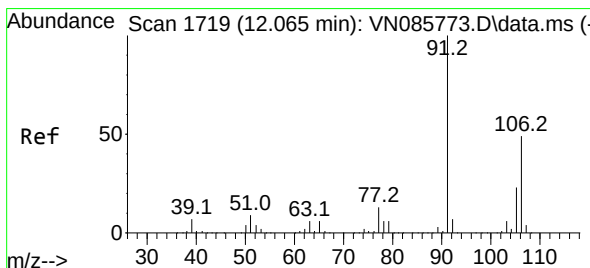
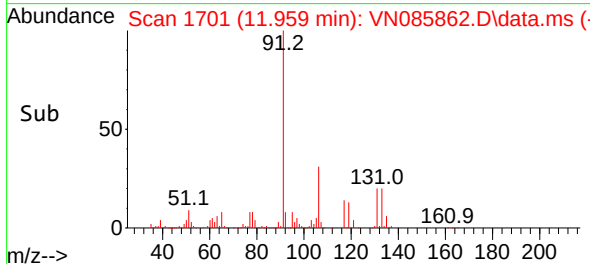
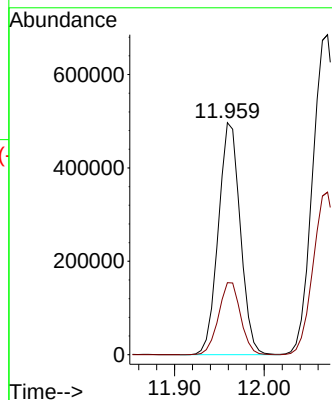
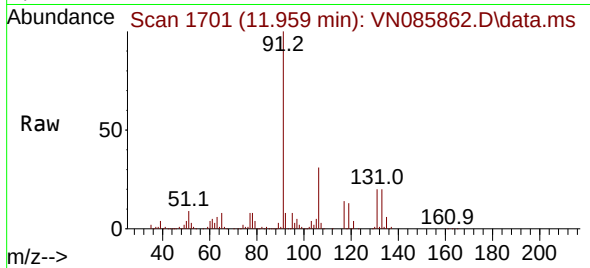
#67
Ethyl Benzene
Concen: 52.612 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 843152
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1

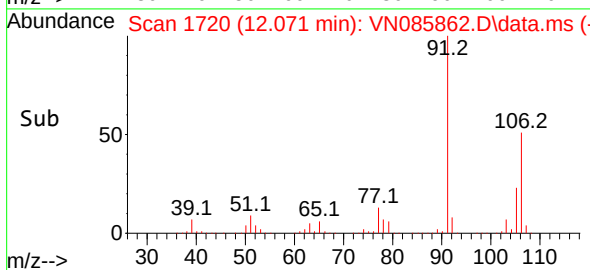
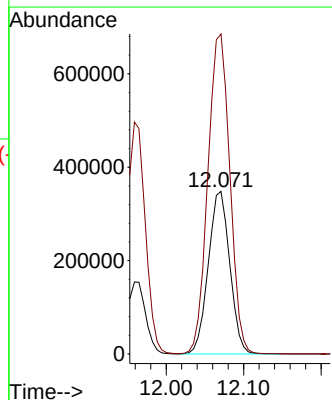
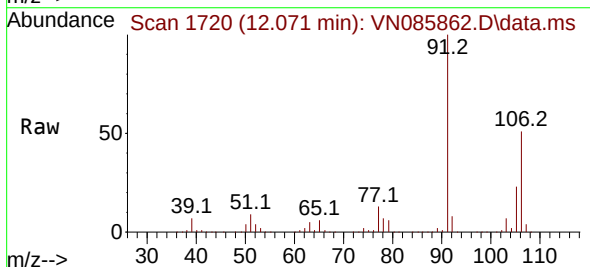
Manual Integrations
APPROVED

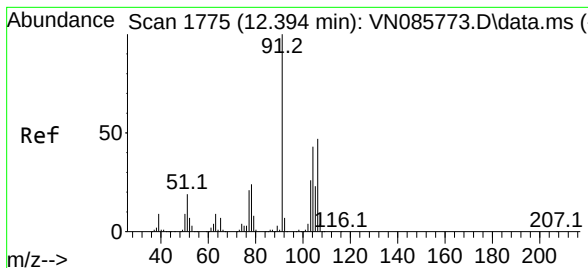
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#68
m/p-Xylenes
Concen: 110.148 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

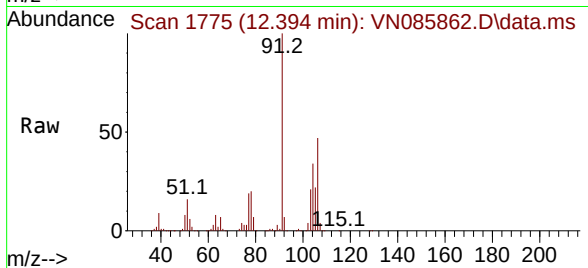
Tgt Ion:106 Resp: 670511
Ion Ratio Lower Upper
106 100
91 202.0 163.3 244.9





#69
o-Xylene
Concen: 54.979 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

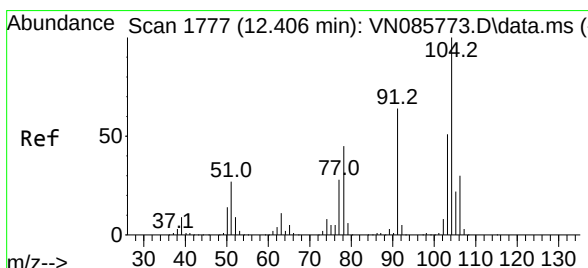
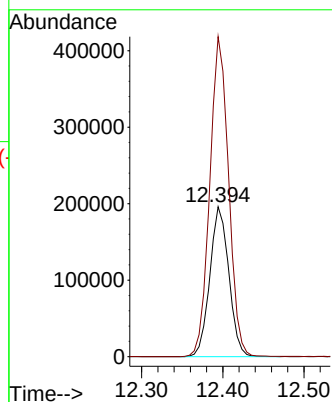
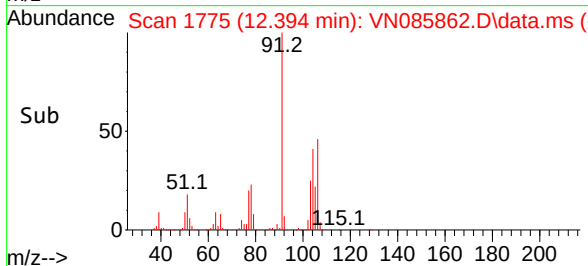
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 31803
Ion Ratio Lower Upper
106 100
91 212.0 107.1 321.4

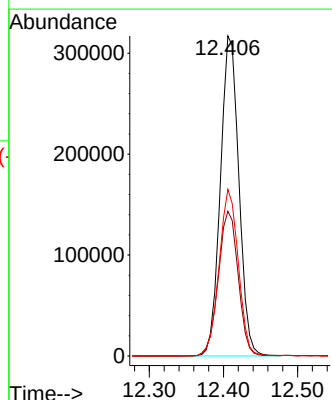
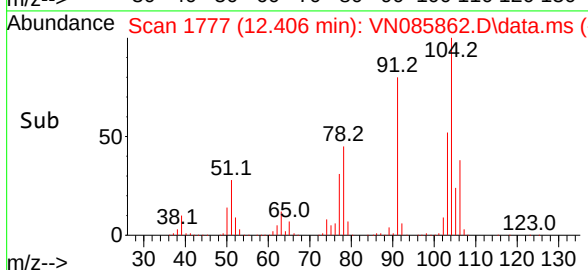
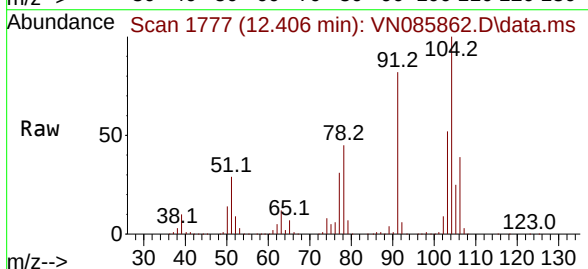
Manual Integrations
APPROVED

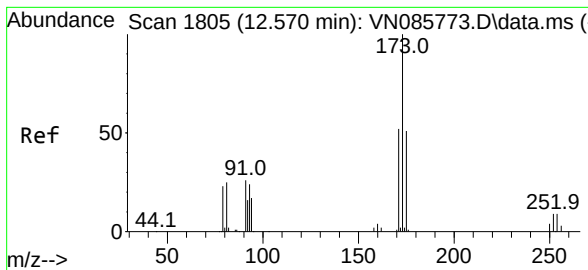
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#70
Styrene
Concen: 50.949 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Tgt Ion:104 Resp: 549551
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.6
103 54.1 43.3 64.9





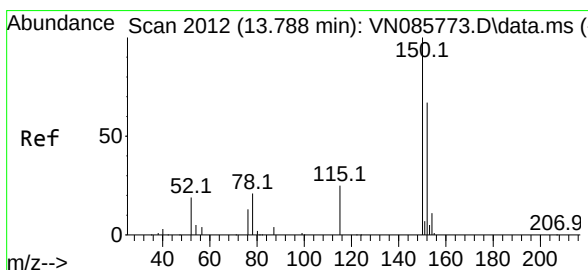
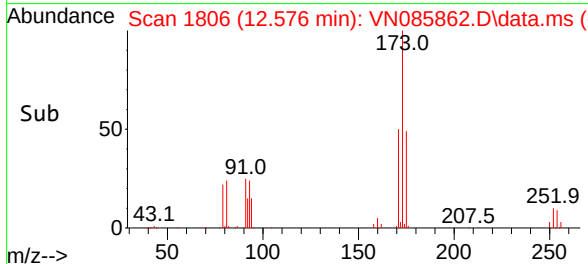
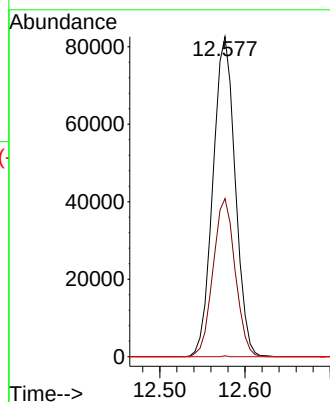
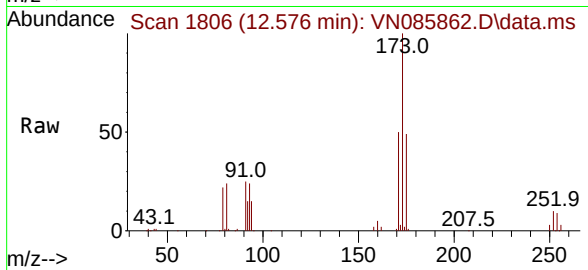
#71
Bromoform
Concen: 54.751 ug/l
RT: 12.576 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 14960
Ion Ratio Lower Upper
173 100
175 49.2 25.1 75.4
254 0.1 0.0 0.0

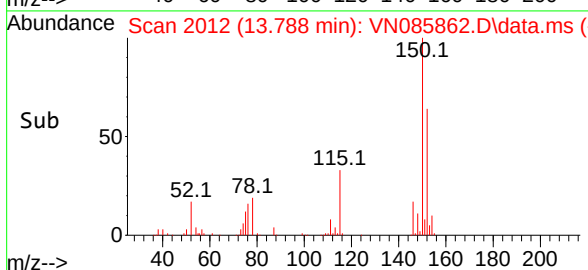
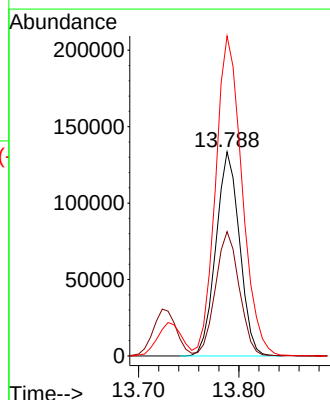
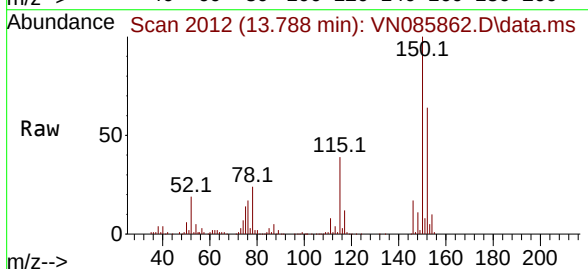
Manual Integrations
APPROVED

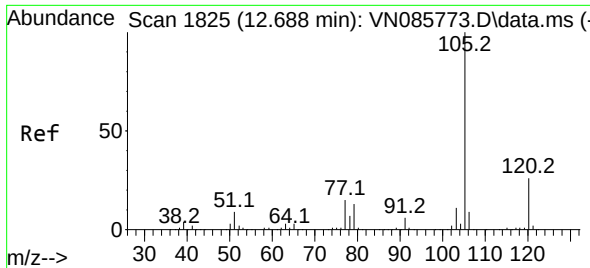
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Tgt Ion:152 Resp: 218212
Ion Ratio Lower Upper
152 100
115 61.7 30.4 91.3
150 175.8 0.0 345.4





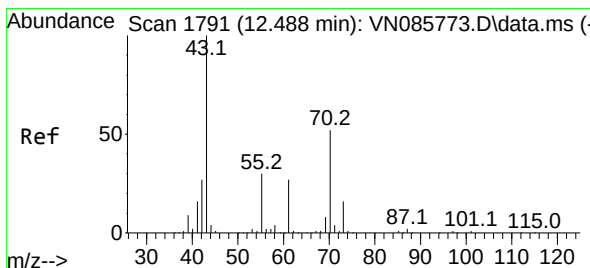
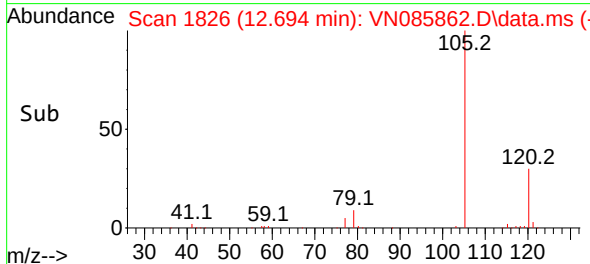
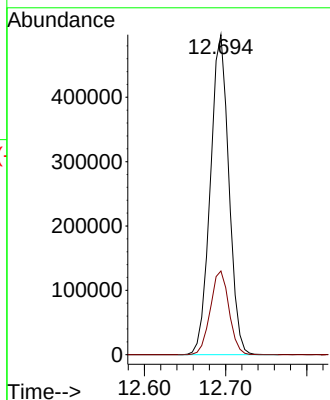
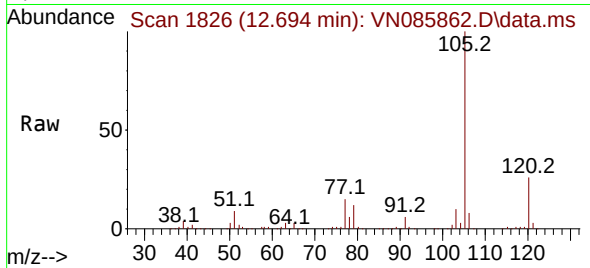
#73
Isopropylbenzene
Concen: 52.624 ug/l
RT: 12.694 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 786710
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

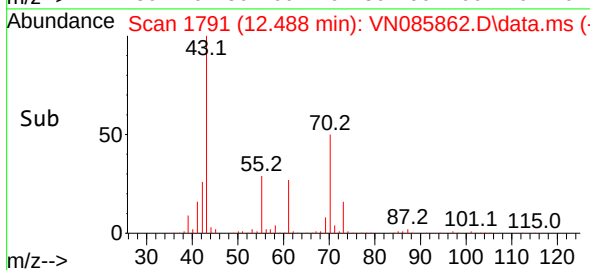
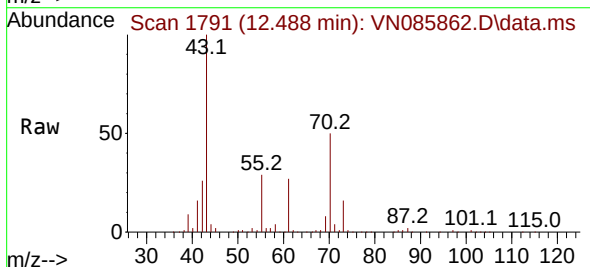
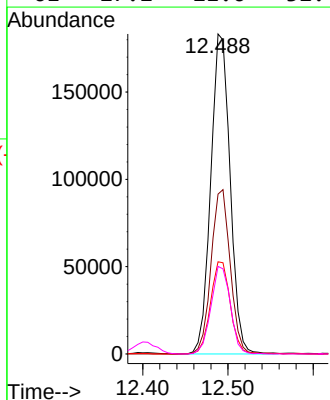
Manual Integrations
APPROVED

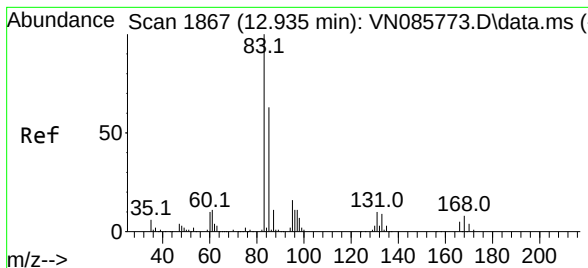
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#74
N-ethyl acetate
Concen: 54.898 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

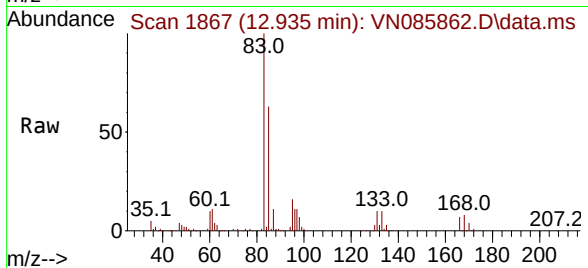
Tgt Ion: 43 Resp: 289414
Ion Ratio Lower Upper
43 100
70 50.7 41.0 61.4
55 29.5 24.6 36.8
61 27.2 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 49.503 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

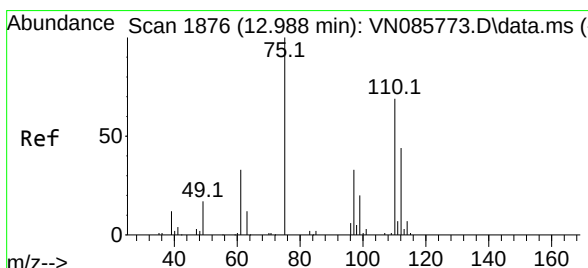
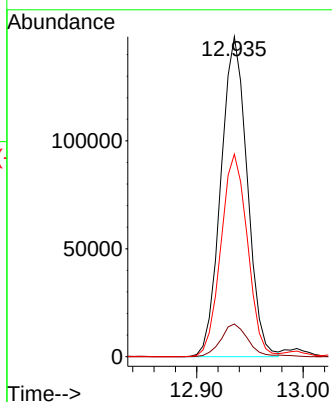
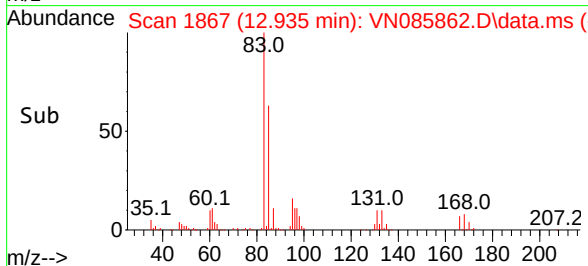
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 254660
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 63.9 32.2 96.6

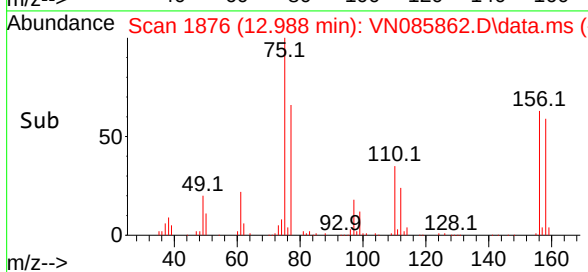
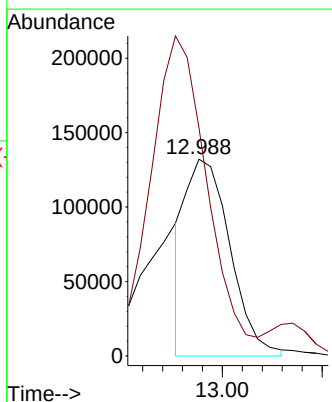
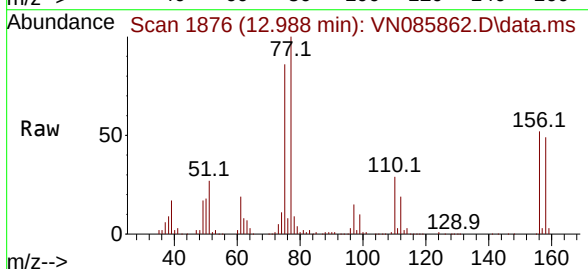
Manual Integrations
APPROVED

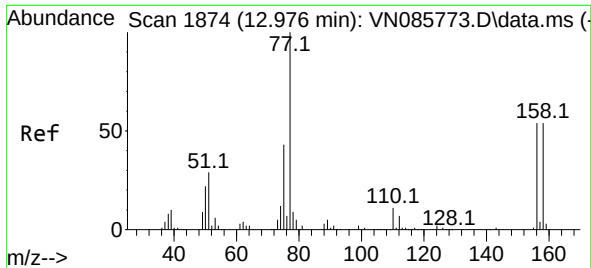
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#76
1,2,3-Trichloropropane
Concen: 42.297 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

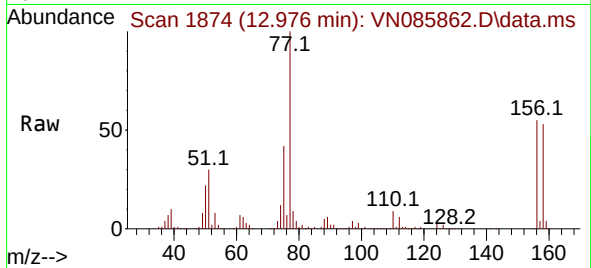
Tgt Ion: 75 Resp: 205022
Ion Ratio Lower Upper
75 100
77 209.1 100.0 300.0





#77
Bromobenzene
Concen: 51.245 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

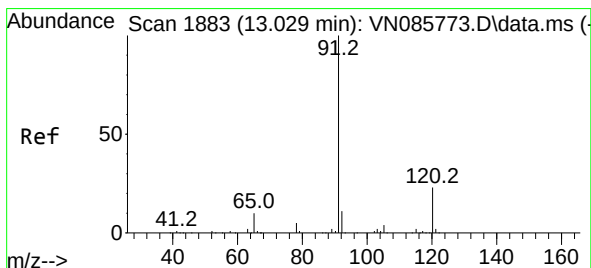
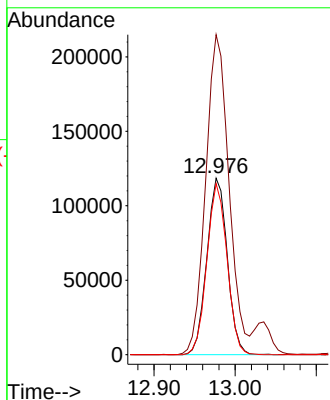
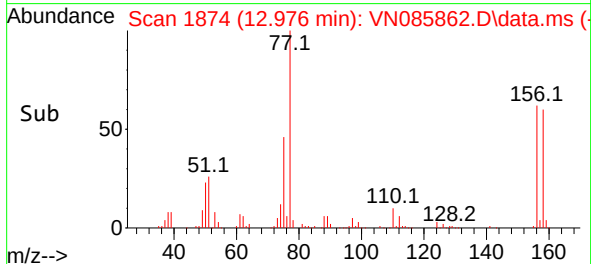
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 206974
Ion Ratio Lower Upper
156 100
77 207.1 104.1 312.3
158 95.7 48.1 144.4

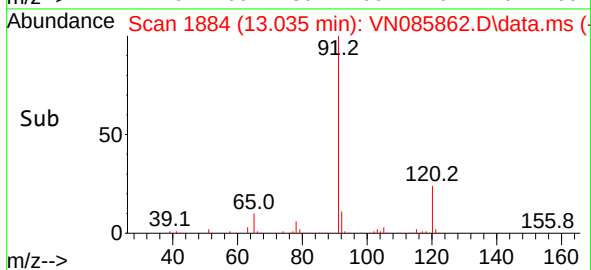
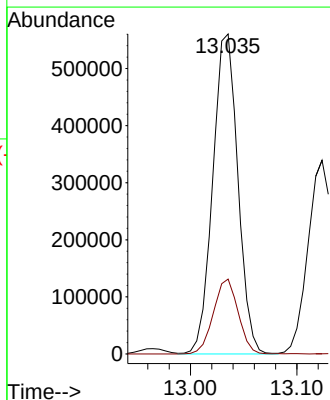
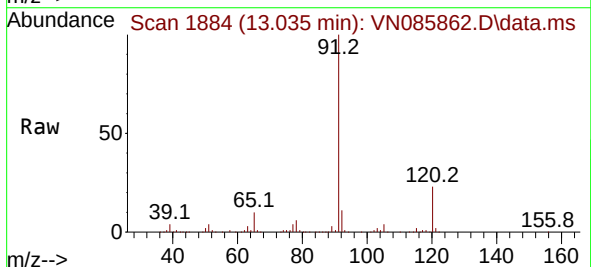
Manual Integrations
APPROVED

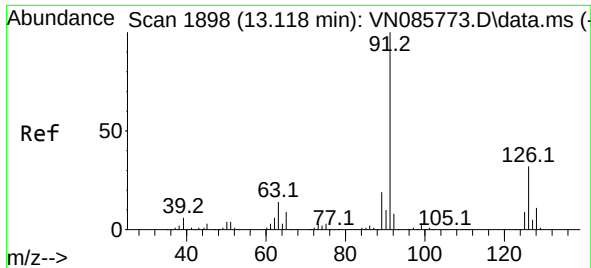
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#78
n-propylbenzene
Concen: 53.548 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Tgt Ion: 91 Resp: 916789
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.8





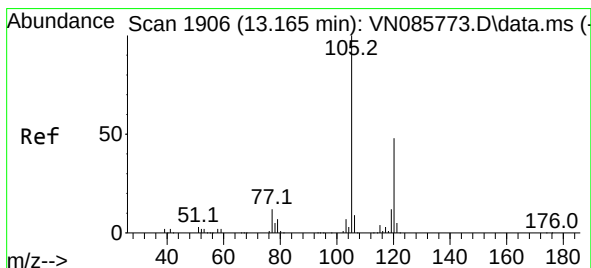
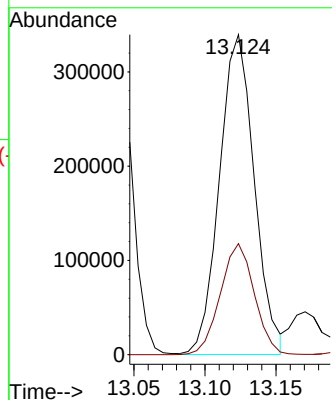
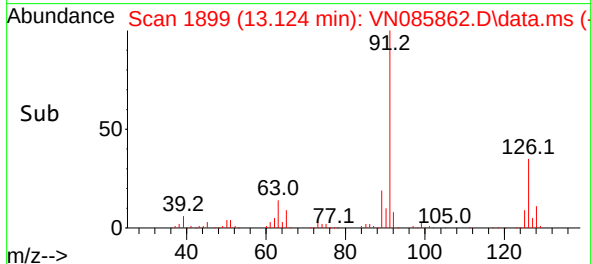
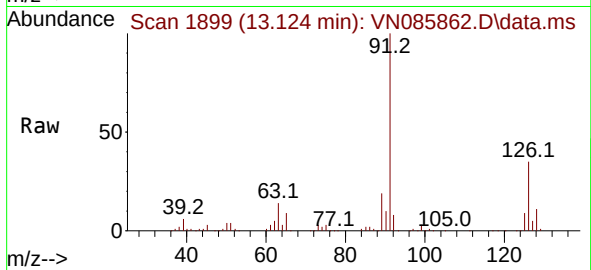
#79
2-Chlorotoluene
Concen: 50.582 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 578612
Ion Ratio Lower Upper
91 100
126 33.9 16.4 49.1

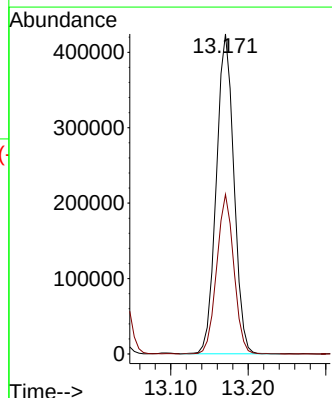
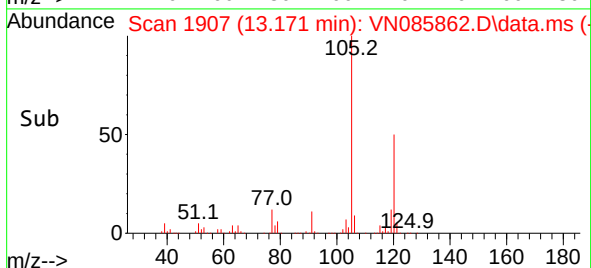
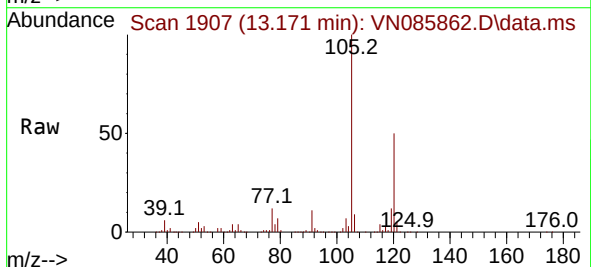
Manual Integrations
APPROVED

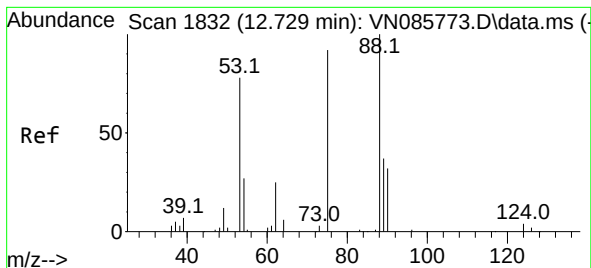
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.809 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Tgt Ion:105 Resp: 667463
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.9





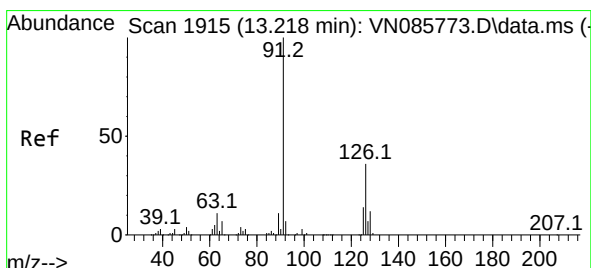
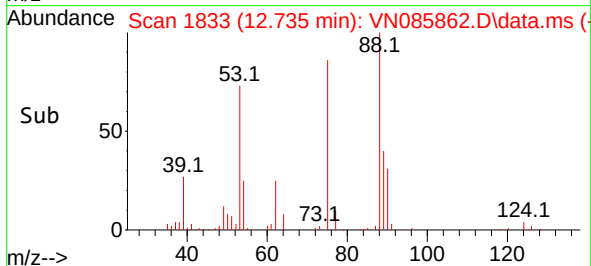
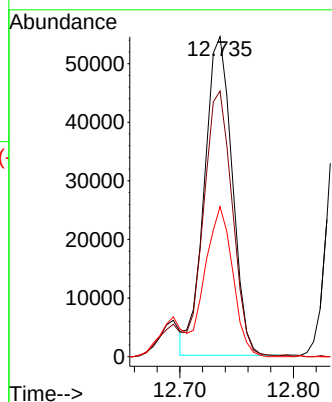
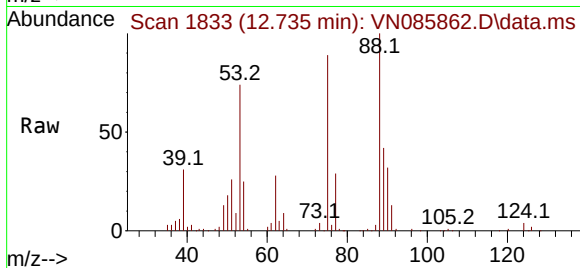
#81
trans-1,4-Dichloro-2-butene
Concen: 55.714 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 9255
Ion Ratio Lower Upper
75 100
53 85.5 74.2 111.4
89 46.8 34.9 52.3

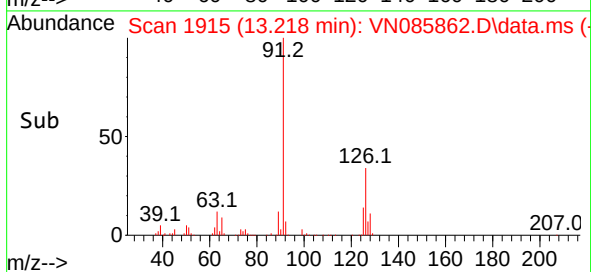
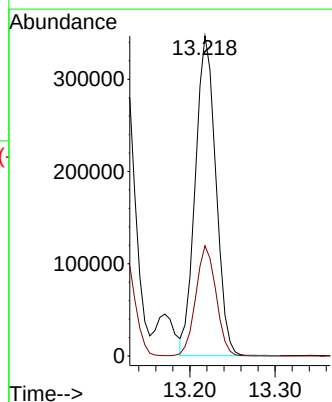
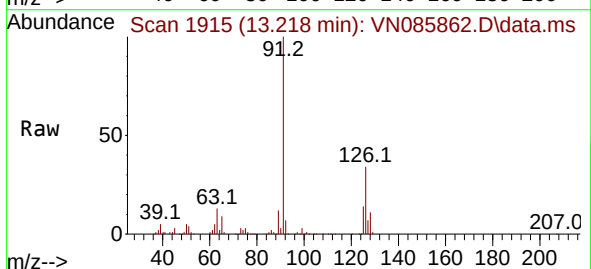
Manual Integrations
APPROVED

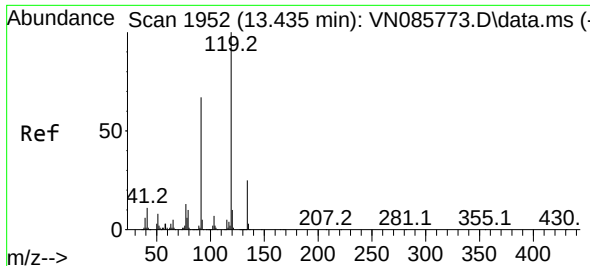
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#82
4-Chlorotoluene
Concen: 51.077 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

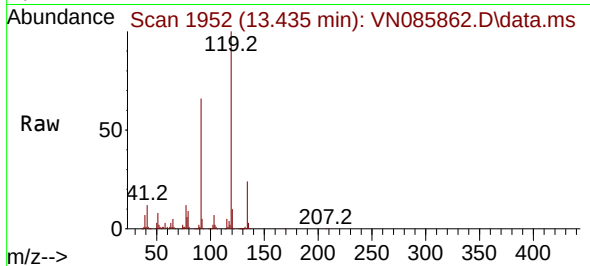
Tgt Ion: 91 Resp: 579227
Ion Ratio Lower Upper
91 100
126 34.1 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 53.720 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085862.D
 Acq: 26 Feb 2025 10:32

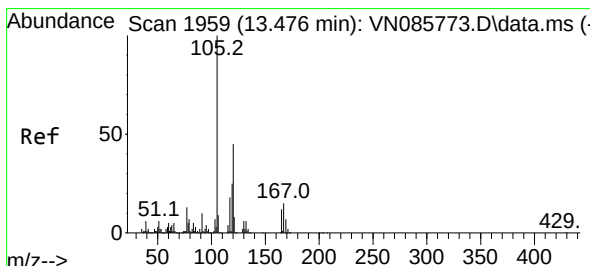
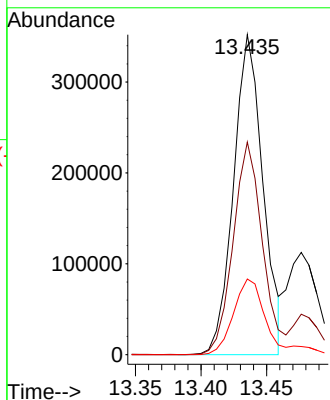
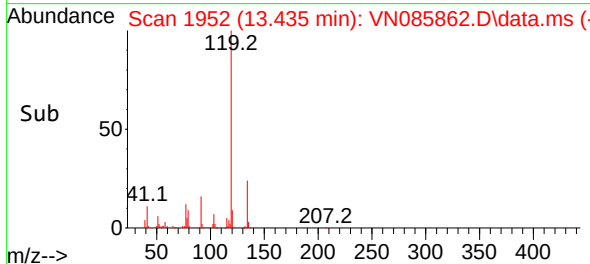
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



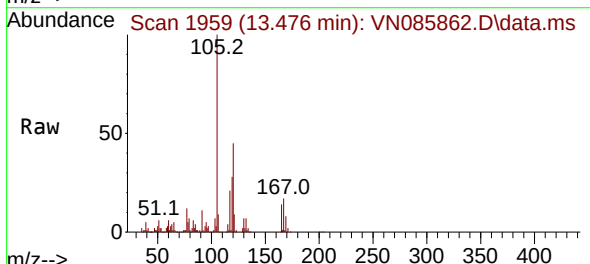
Tgt Ion:119 Resp: 550124
 Ion Ratio Lower Upper
 119 100
 91 66.3 32.5 97.5
 134 26.9 13.3 39.9

Manual Integrations
 APPROVED

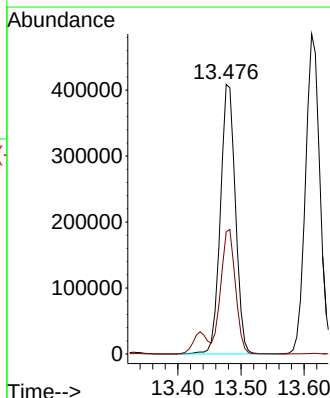
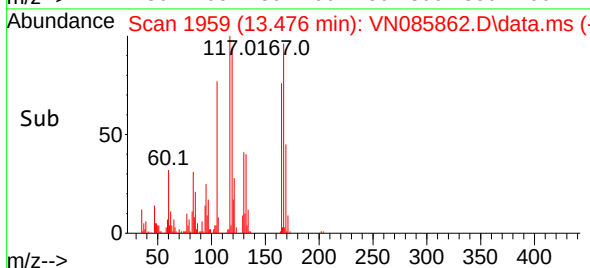
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

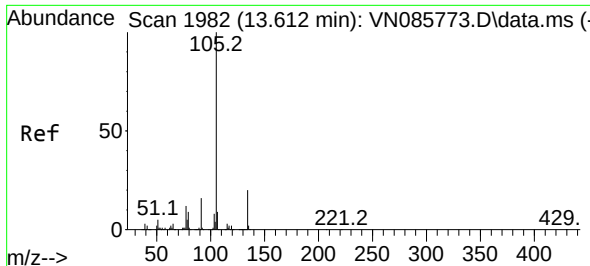


#84
 1,2,4-Trimethylbenzene
 Concen: 56.106 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN085862.D
 Acq: 26 Feb 2025 10:32



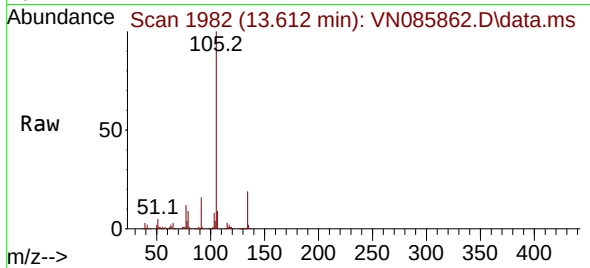
Tgt Ion:105 Resp: 675986
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 52.717 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085862.D
 Acq: 26 Feb 2025 10:32

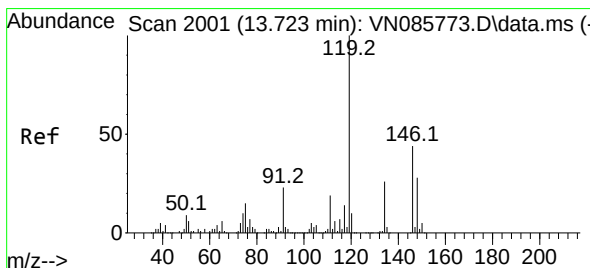
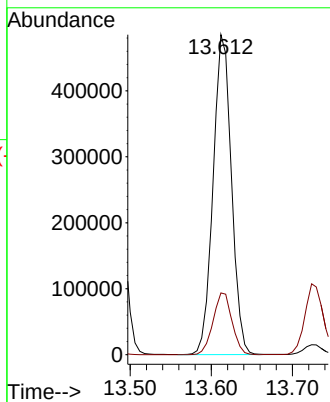
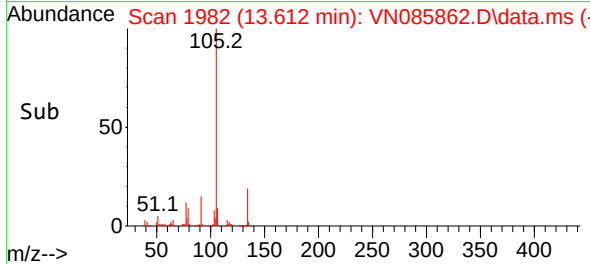
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



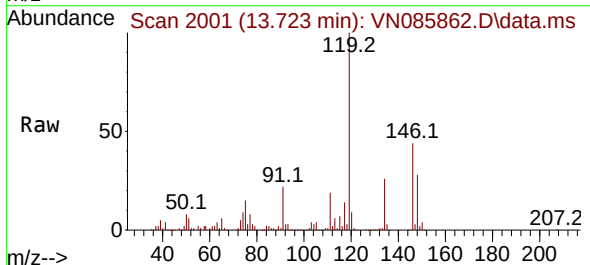
Tgt Ion:105 Resp: 762762
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

Manual Integrations
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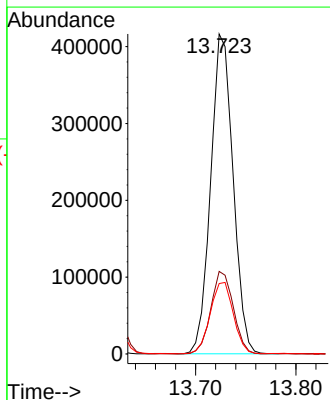
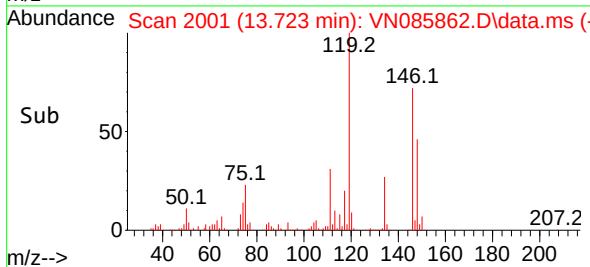
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

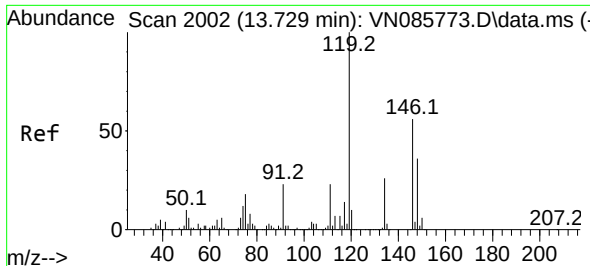


#86
 p-Isopropyltoluene
 Concen: 48.701 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085862.D
 Acq: 26 Feb 2025 10:32



Tgt Ion:119 Resp: 644100
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 23.2 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 48.641 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085862.D

Acq: 26 Feb 2025 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 36807

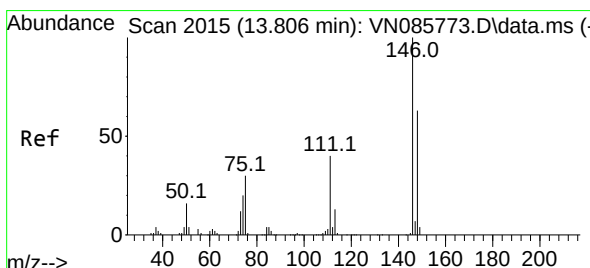
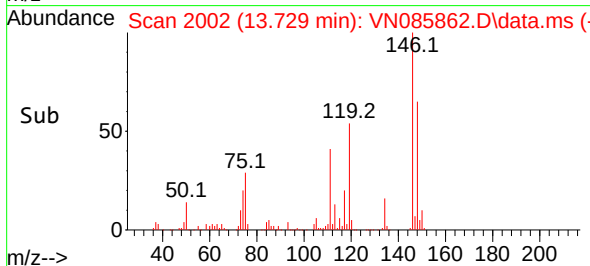
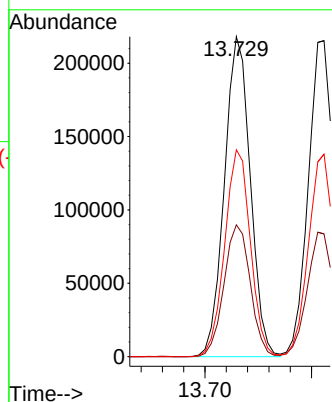
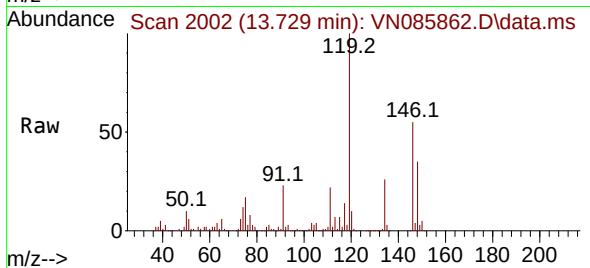
Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.3
148	64.3	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#88

1,4-Dichlorobenzene

Concen: 47.056 ug/l

RT: 13.812 min Scan# 2016

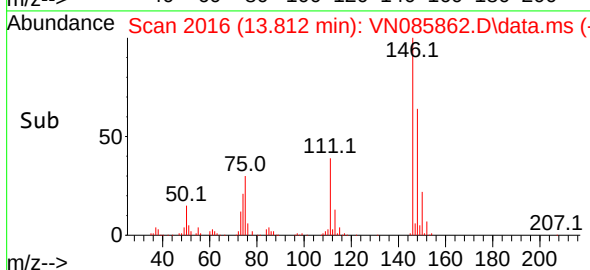
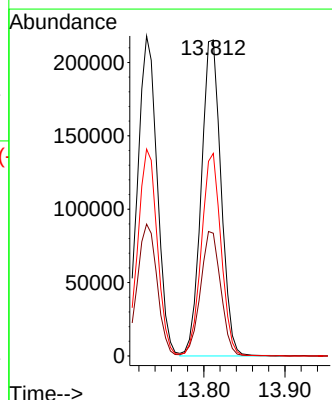
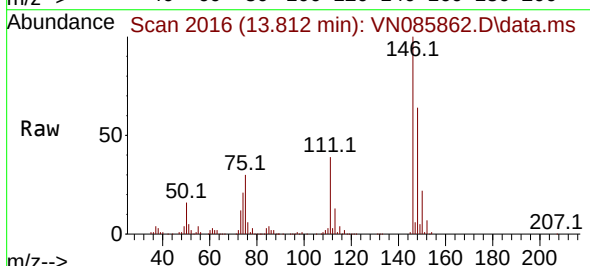
Delta R.T. 0.006 min

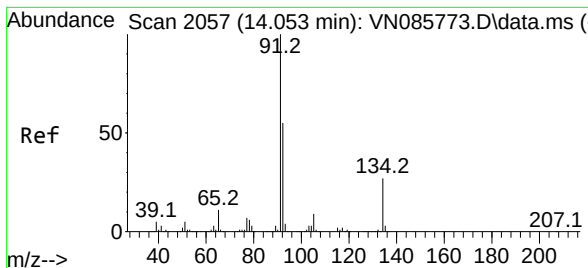
Lab File: VN085862.D

Acq: 26 Feb 2025 10:32

Tgt Ion:146 Resp: 364956

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.3
148	63.6	31.8	95.4





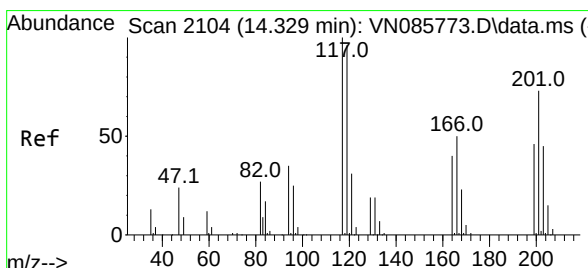
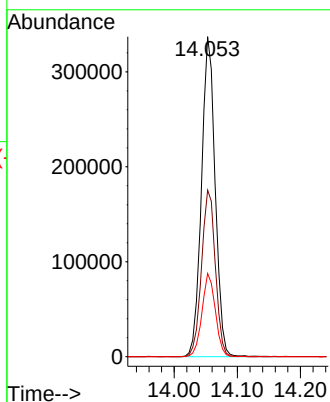
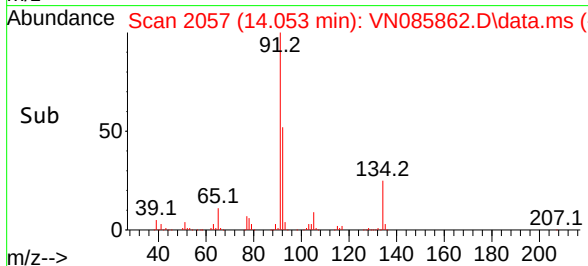
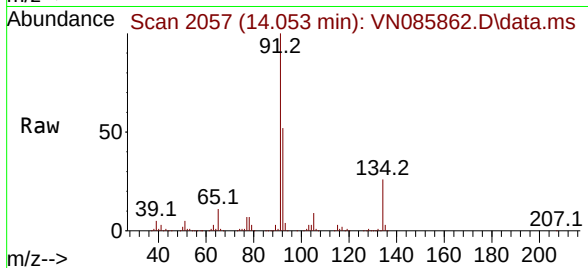
#89
n-Butylbenzene
Concen: 49.562 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 50913
Ion Ratio Lower Upper
91 100
92 52.5 27.1 81.3
134 25.3 12.7 38.1

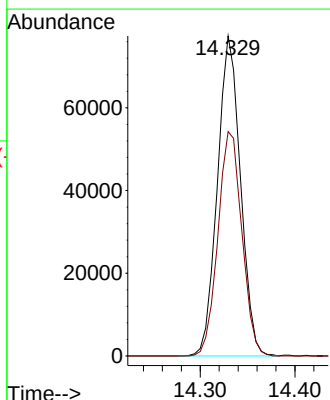
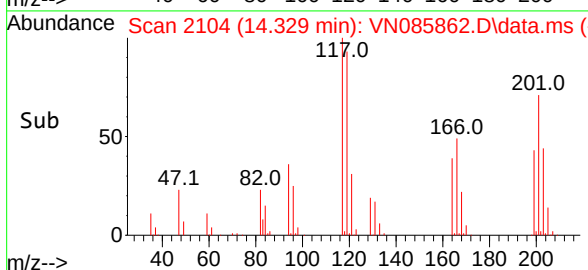
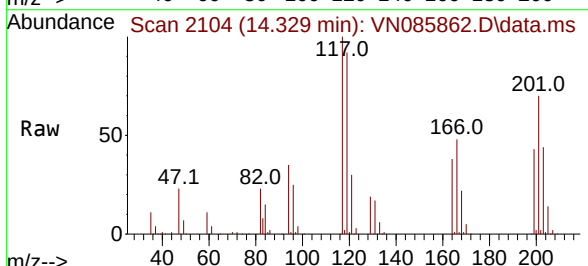
Manual Integrations
APPROVED

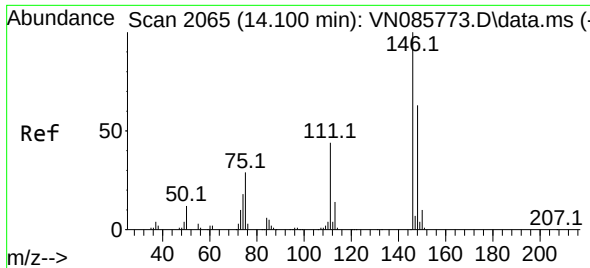
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#90
Hexachloroethane
Concen: 47.768 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

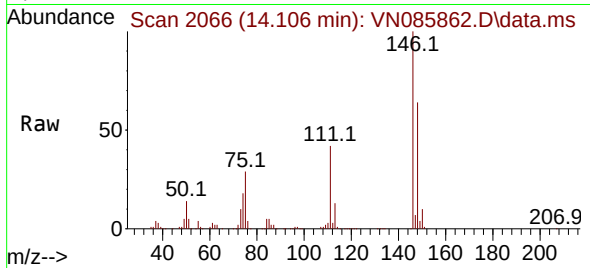
Tgt Ion:117 Resp: 130894
Ion Ratio Lower Upper
117 100
201 72.8 35.6 106.9





#91
1,2-Dichlorobenzene
Concen: 49.101 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

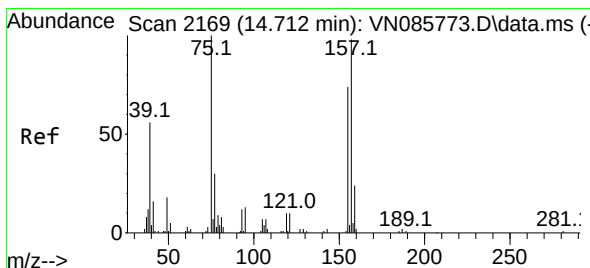
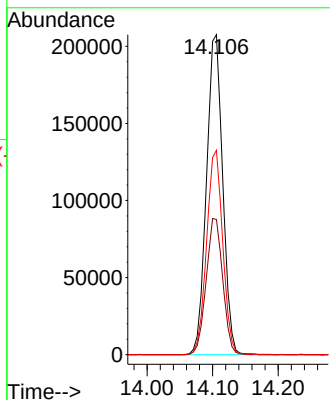
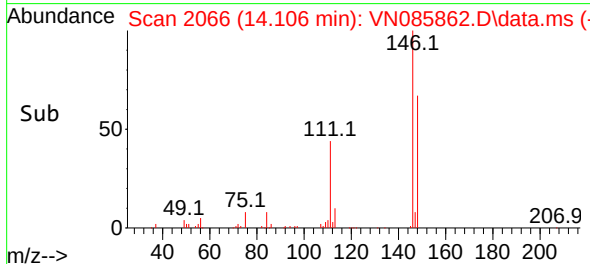
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



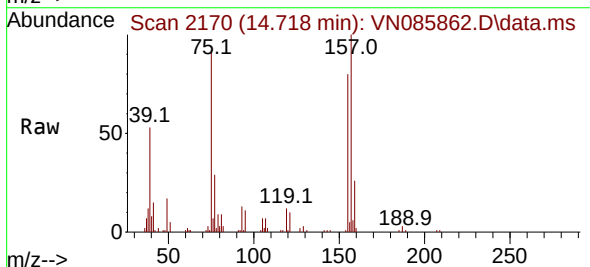
Tgt Ion:146 Resp: 357290
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.3
148 63.6 32.0 96.2

Manual Integrations
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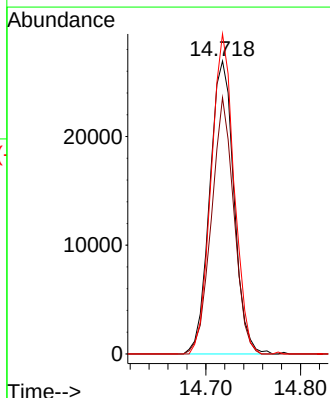
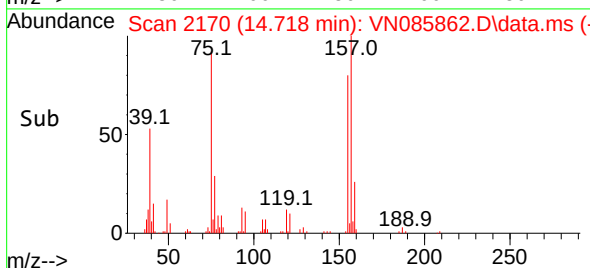
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

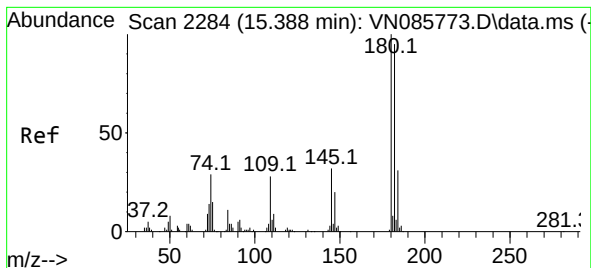


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.581 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



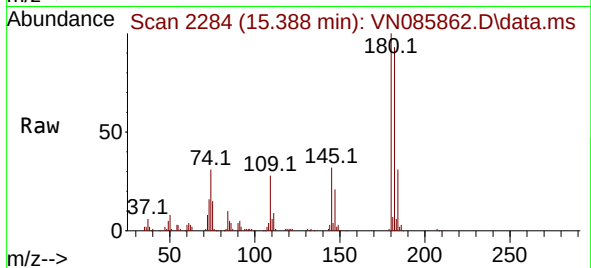
Tgt Ion: 75 Resp: 47781
Ion Ratio Lower Upper
75 100
155 81.4 39.9 119.6
157 103.4 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 48.435 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

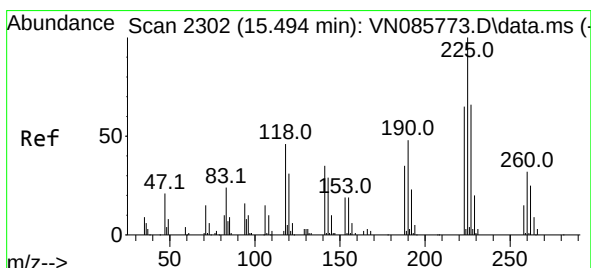
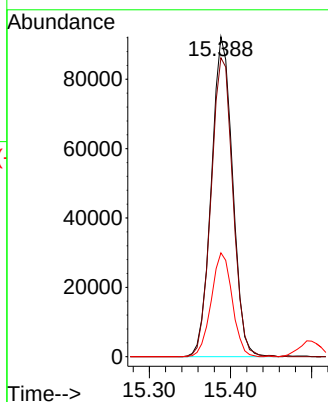
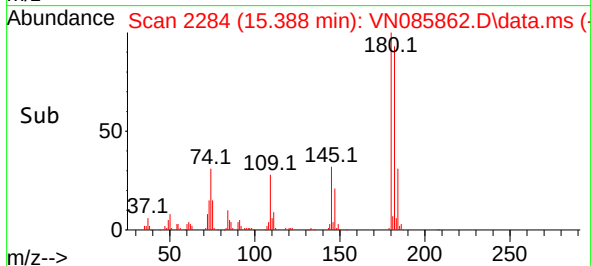
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



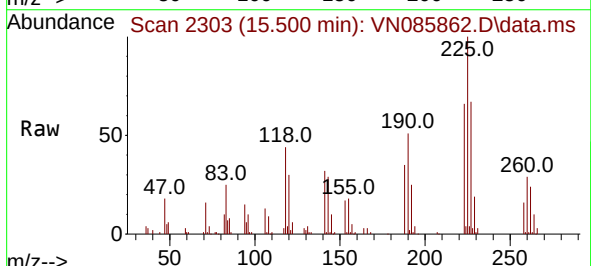
Tgt Ion:180 Resp: 16794
Ion Ratio Lower Upper
180 100
182 95.5 47.3 141.9
145 32.0 16.2 48.5

Manual Integrations
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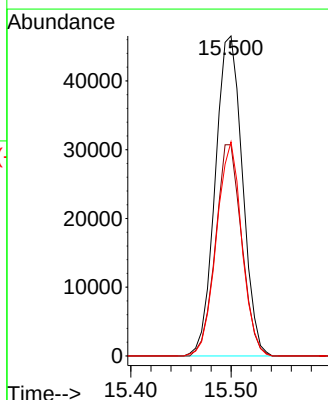
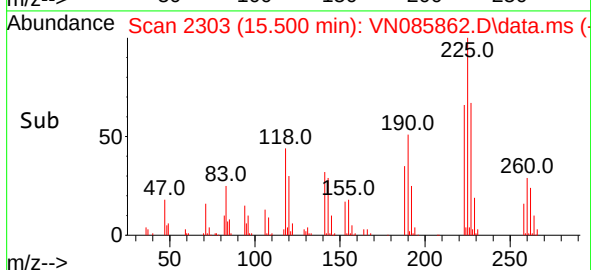
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

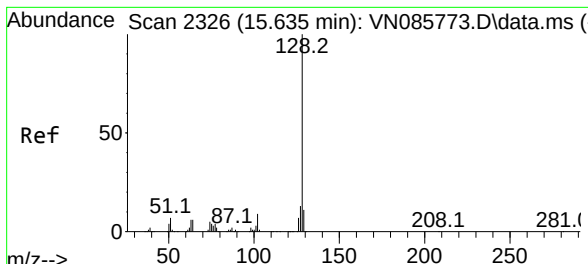


#94
Hexachlorobutadiene
Concen: 41.603 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



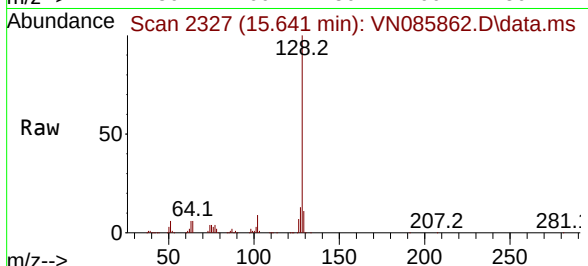
Tgt Ion:225 Resp: 87668
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.5
227 62.5 32.2 96.6





#95
Naphthalene
Concen: 54.292 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32

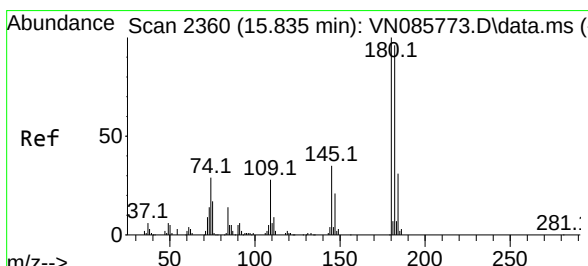
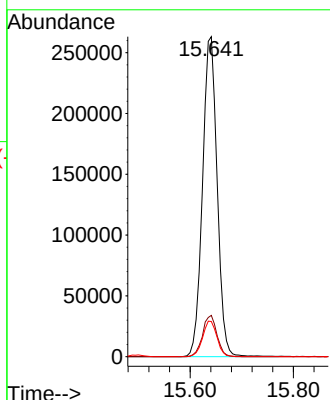
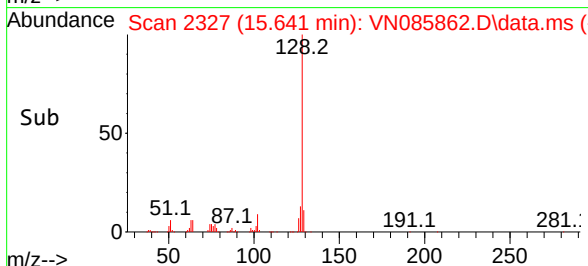
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



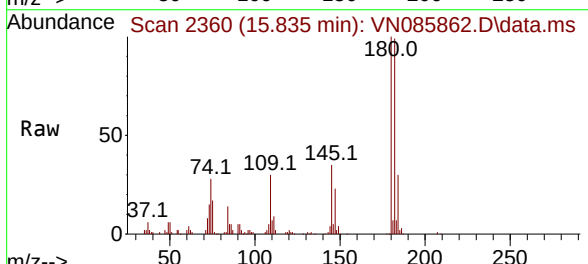
Tgt Ion:128 Resp: 51682
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.124 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085862.D
Acq: 26 Feb 2025 10:32



Tgt Ion:180 Resp: 164036
Ion Ratio Lower Upper
180 100
182 95.9 47.3 141.8
145 34.2 16.9 50.6

