

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031425\
 Data File : VN085993.D
 Acq On : 14 Mar 2025 16:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

Quant Time: Mar 15 00:05:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	171602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	83945	37.732	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	75.460%		
35) Dibromofluoromethane	8.165	113	68137	38.080	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	76.160%		
50) Toluene-d8	10.565	98	244917	37.621	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	75.240%#		
62) 4-Bromofluorobenzene	12.847	95	92696	43.217	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	86.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	105628	45.254	ug/l	95
3) Chloromethane	2.359	50	84263	35.976	ug/l	96
4) Vinyl Chloride	2.512	62	89373	36.039	ug/l	98
5) Bromomethane	2.948	94	54028	34.072	ug/l	87
6) Chloroethane	3.112	64	53047	32.294	ug/l	89
7) Trichlorofluoromethane	3.495	101	157099	43.754	ug/l	99
8) Diethyl Ether	3.959	74	50696	43.638	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	87016	41.926	ug/l	100
10) Methyl Iodide	4.589	142	115648	45.204	ug/l	95
11) Tert butyl alcohol	5.512	59	59536	217.579	ug/l	98
12) 1,1-Dichloroethene	4.342	96	81556	43.338	ug/l	97
13) Acrolein	4.177	56	75690	186.532	ug/l	100
14) Allyl chloride	5.030	41	103201	41.770	ug/l	96
15) Acrylonitrile	5.712	53	191076	214.801	ug/l	99
16) Acetone	4.424	43	140261	199.247	ug/l	98
17) Carbon Disulfide	4.712	76	233105	41.796	ug/l	100
18) Methyl Acetate	5.018	43	82277	33.981	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	276679	49.477	ug/l	97
20) Methylene Chloride	5.277	84	93290	41.209	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	86160	42.521	ug/l	94
22) Diisopropyl ether	6.671	45	235204	42.130	ug/l	96
23) Vinyl Acetate	6.600	43	836575	218.850	ug/l	97
24) 1,1-Dichloroethane	6.565	63	159383	41.996	ug/l	98
25) 2-Butanone	7.483	43	213105	205.770	ug/l	98
26) 2,2-Dichloropropane	7.489	77	152426	45.167	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	101207	43.076	ug/l	99
28) Bromochloromethane	7.812	49	60653	38.884	ug/l	95
29) Tetrahydrofuran	7.836	42	144285	215.749	ug/l	92
30) Chloroform	7.965	83	173735	43.805	ug/l	100
31) Cyclohexane	8.259	56	128723	40.509	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	162885	46.174	ug/l	97
36) 1,1-Dichloropropene	8.371	75	117235	46.295	ug/l	99
37) Ethyl Acetate	7.553	43	87948	42.202	ug/l #	97
38) Carbon Tetrachloride	8.359	117	151549	50.366	ug/l	93
39) Methylcyclohexane	9.600	83	117598	47.270	ug/l	96
40) Benzene	8.606	78	371456	45.766	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	48022	43.106	ug/l	89
42) 1,2-Dichloroethane	8.671	62	125546	47.488	ug/l	99
43) Isopropyl Acetate	8.683	43	161236	44.020	ug/l	96
44) Trichloroethene	9.347	130	87704	44.010	ug/l	97
45) 1,2-Dichloropropane	9.618	63	87741	44.785	ug/l	93
46) Dibromomethane	9.706	93	65589	47.463	ug/l	99
47) Bromodichloromethane	9.888	83	139486	47.179	ug/l	100
48) Methyl methacrylate	9.677	41	72736	46.996	ug/l	94
49) 1,4-Dioxane	9.688	88	31233	1061.219	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	467884	232.866	ug/l	95
52) Toluene	10.629	92	241448	50.749	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	139392	50.987	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	145823	48.642	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	87615	46.317	ug/l	97
56) Ethyl methacrylate	10.871	69	133550	49.200	ug/l	95
57) 1,3-Dichloropropane	11.159	76	150019	47.508	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	260575	247.060	ug/l	96
59) 2-Hexanone	11.194	43	337664	244.286	ug/l	95
60) Dibromochloromethane	11.359	129	111245	50.504	ug/l	98
61) 1,2-Dibromoethane	11.465	107	88474	49.502	ug/l	98
64) Tetrachloroethene	11.100	164	83686	43.544	ug/l	97
65) Chlorobenzene	11.888	112	256915	45.207	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	95886	46.941	ug/l	97
67) Ethyl Benzene	11.959	91	447268	50.242	ug/l	99
68) m/p-Xylenes	12.071	106	354743	104.906	ug/l	97
69) o-Xylene	12.394	106	169179	52.649	ug/l	98
70) Styrene	12.406	104	289792	48.607	ug/l	98
71) Bromoform	12.576	173	78490	51.711	ug/l #	98
73) Isopropylbenzene	12.694	105	424070	46.522	ug/l	100
74) N-amyl acetate	12.488	43	138967	43.231	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	124086	39.559	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	119724m	40.508	ug/l	
77) Bromobenzene	12.976	156	107239	43.545	ug/l	98
78) n-propylbenzene	13.035	91	495957	47.508	ug/l	100
79) 2-Chlorotoluene	13.123	91	316622	45.394	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	369726	49.792	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	43187	42.634	ug/l	96
82) 4-Chlorotoluene	13.218	91	322574	46.650	ug/l	99
83) tert-Butylbenzene	13.435	119	302967	48.520	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	377701	51.413	ug/l	99
85) sec-Butylbenzene	13.612	105	413853	46.910	ug/l	98
86) p-Isopropyltoluene	13.729	119	358551	44.790	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	201826	43.742	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	200569	42.412	ug/l	99
89) n-Butylbenzene	14.053	91	279807	44.671	ug/l	99
90) Hexachloroethane	14.329	117	70023	41.909	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	195290	44.015	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24787	43.033	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	94648	44.768	ug/l	97
94) Hexachlorobutadiene	15.500	225	50783	39.523	ug/l	99
95) Naphthalene	15.635	128	272761	46.992	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	93144	43.884	ug/l	98

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

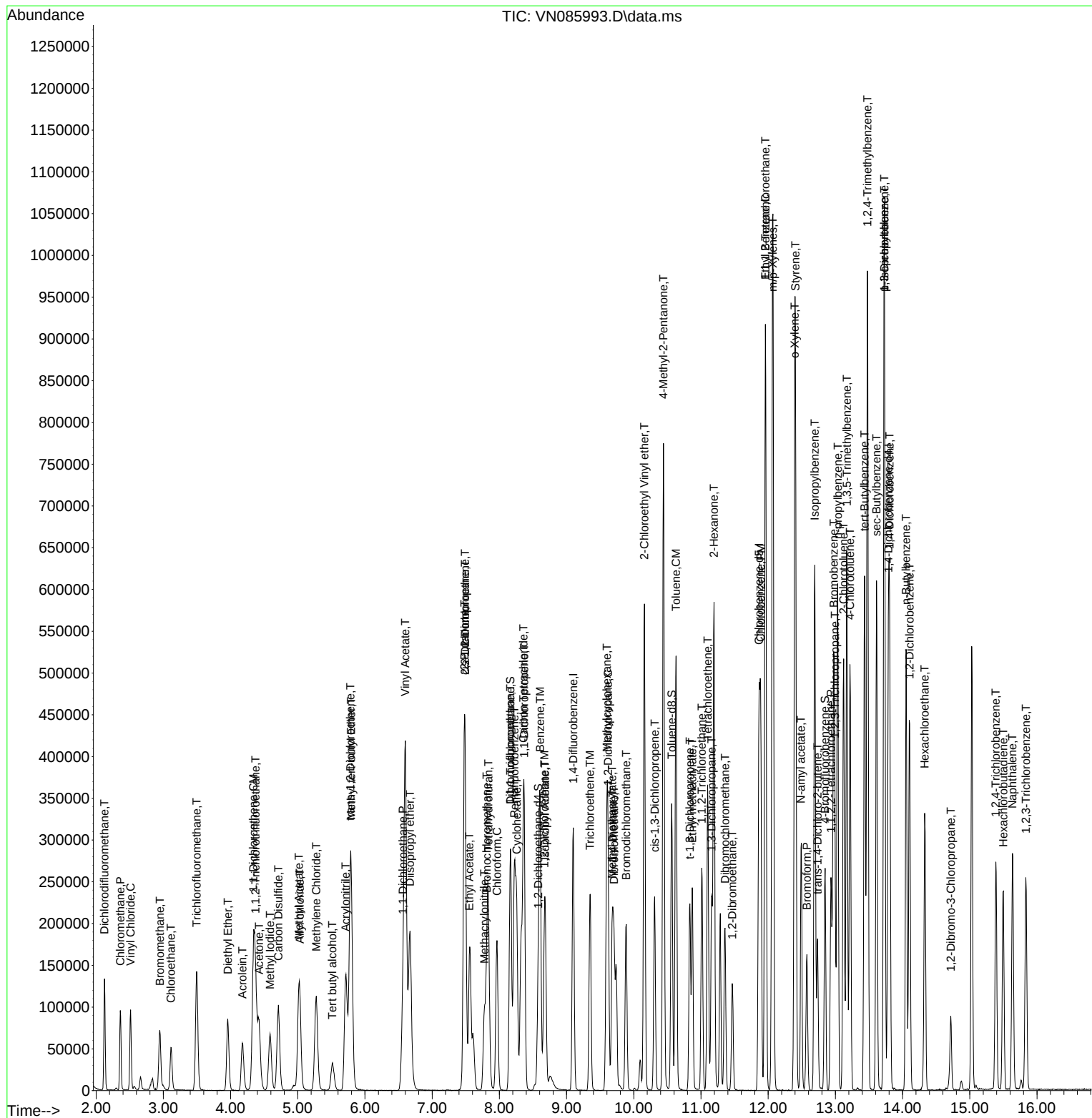
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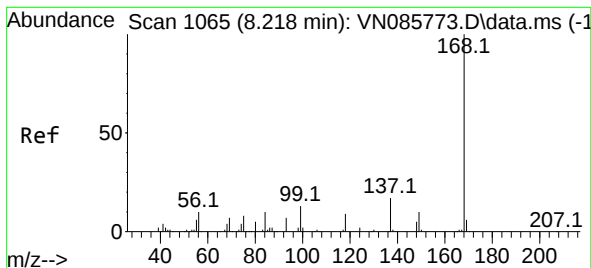
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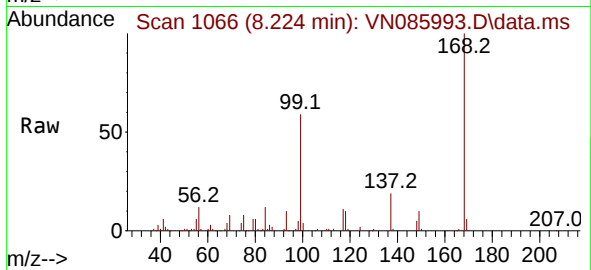
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

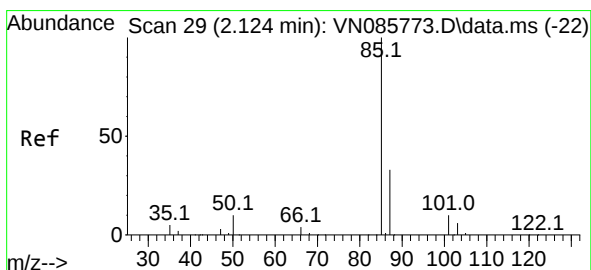
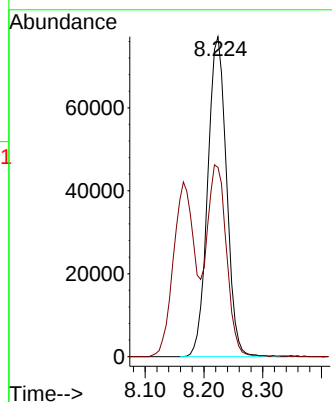
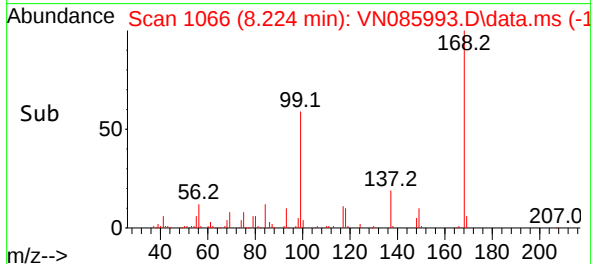
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MSVOA_N
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Tgt Ion:168 Resp: 171602
Ion Ratio Lower Upper
168 100
99 58.9 47.9 71.9

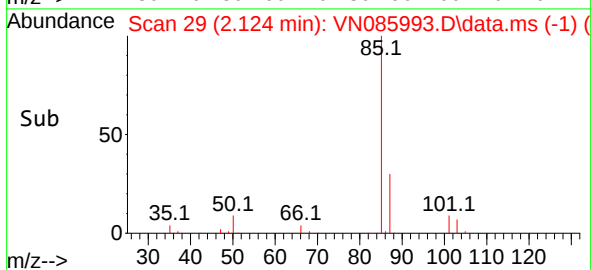
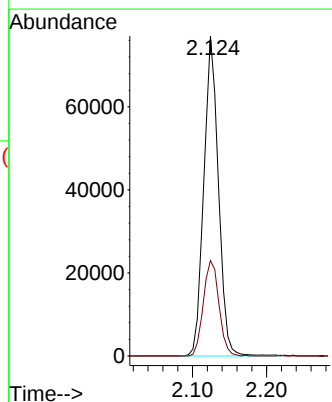
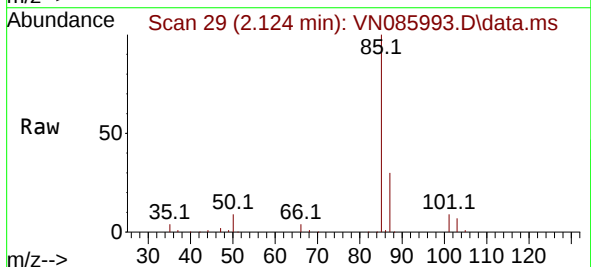
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#2
Dichlorodifluoromethane
Concen: 45.254 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

Tgt Ion: 85 Resp: 105628
Ion Ratio Lower Upper
85 100
87 29.8 16.4 49.2





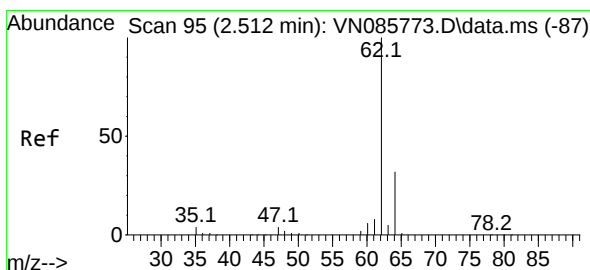
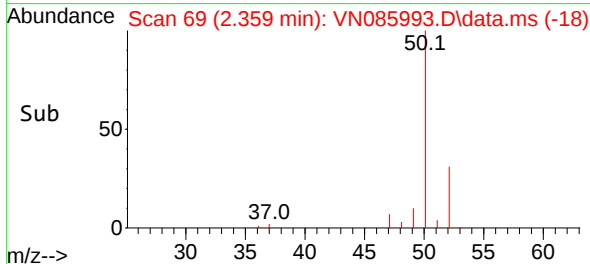
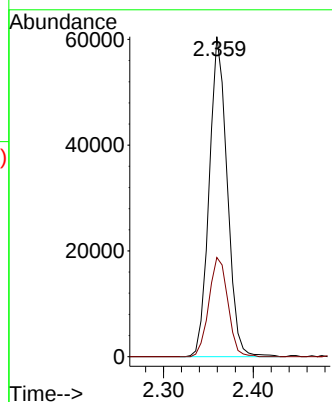
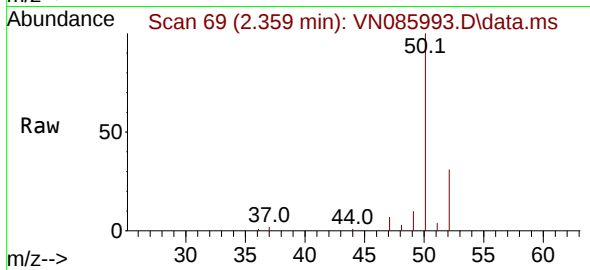
#3
Chloromethane
Concen: 35.976 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 8426
Ion Ratio Lower Upper
50 100
52 31.0 26.7 40.1

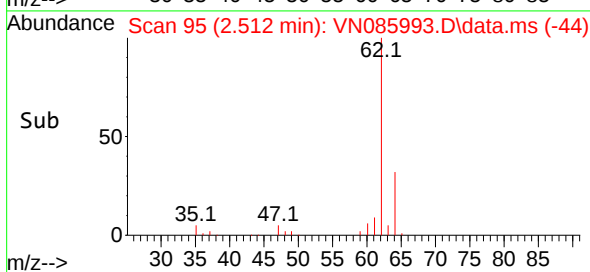
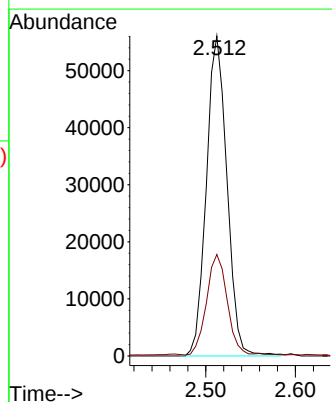
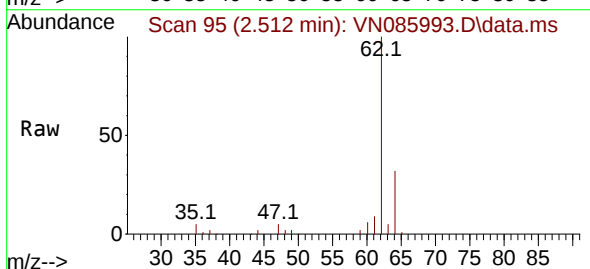
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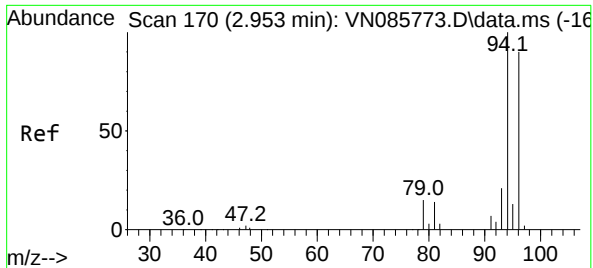
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#4
Vinyl Chloride
Concen: 36.039 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

Tgt Ion: 62 Resp: 89373
Ion Ratio Lower Upper
62 100
64 31.2 25.9 38.9





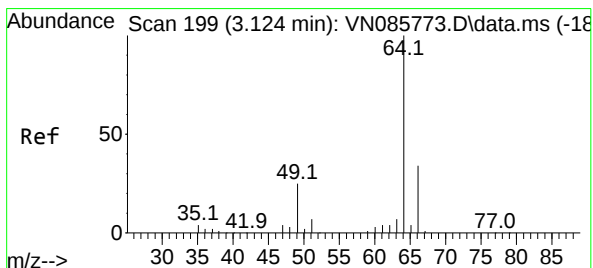
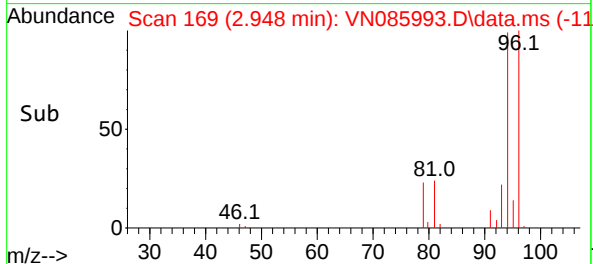
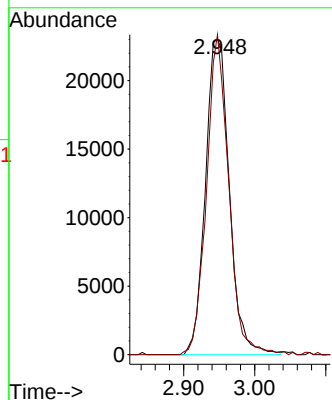
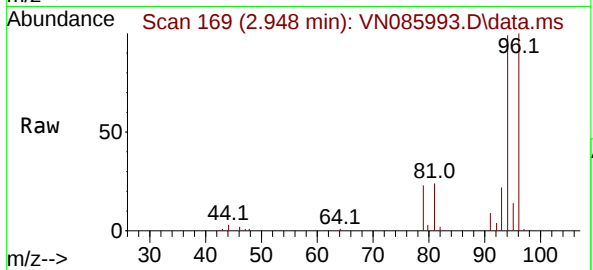
#5
Bromomethane
Concen: 34.072 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

Instrument :
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Tgt Ion: 94 Resp: 54028
Ion Ratio Lower Upper
94 100
96 101.5 71.7 107.5

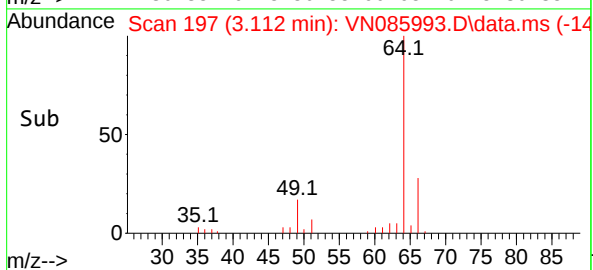
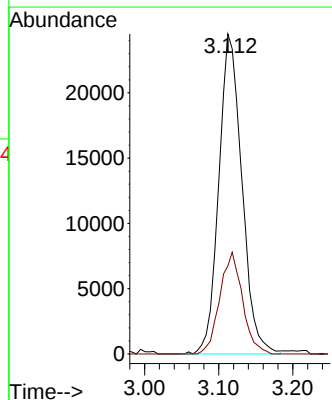
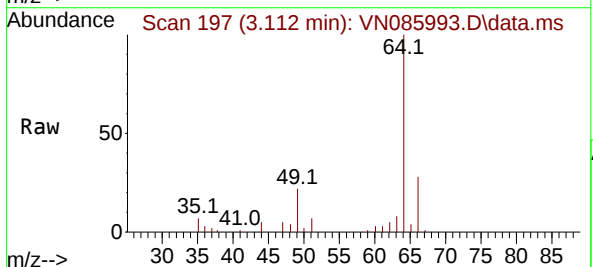
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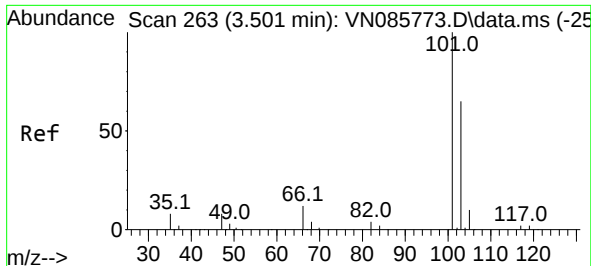
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#6
Chloroethane
Concen: 32.294 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

Tgt Ion: 64 Resp: 53047
Ion Ratio Lower Upper
64 100
66 27.5 27.0 40.6





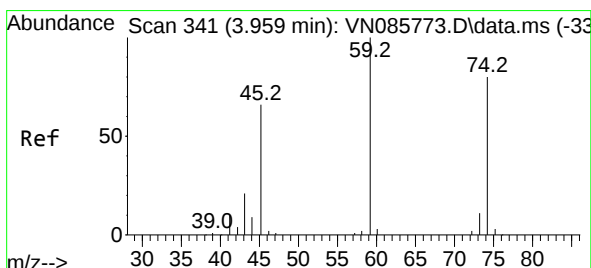
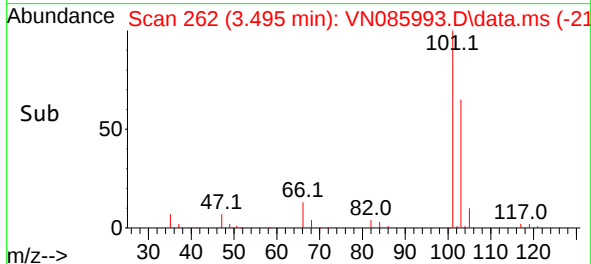
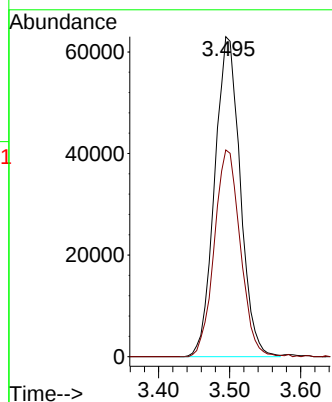
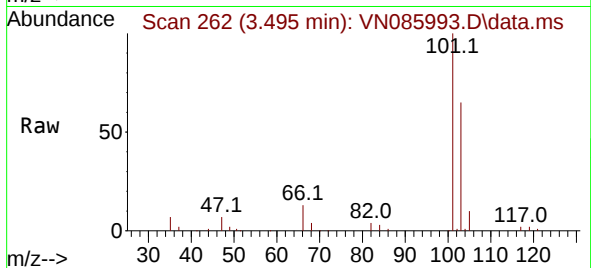
#7
Trichlorofluoromethane
Concen: 43.754 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 157099
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4

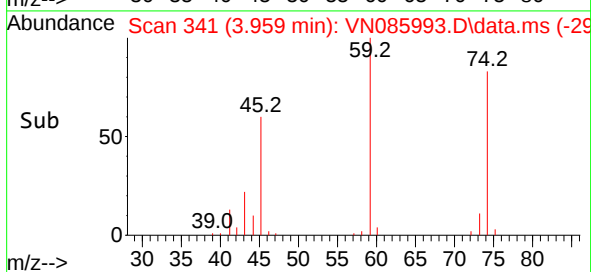
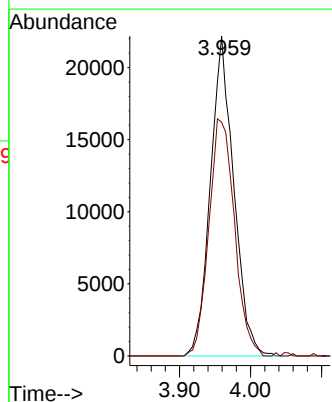
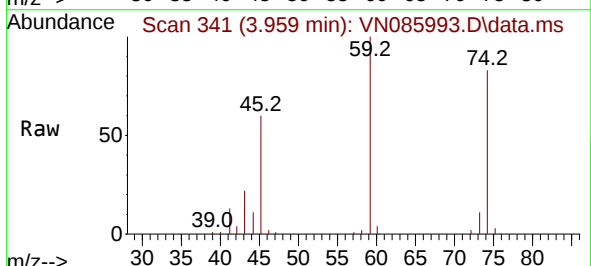
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#8
Diethyl Ether
Concen: 43.638 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

Tgt Ion: 74 Resp: 50696
Ion Ratio Lower Upper
74 100
45 81.2 42.5 127.6





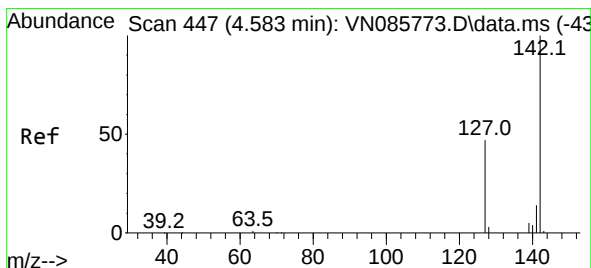
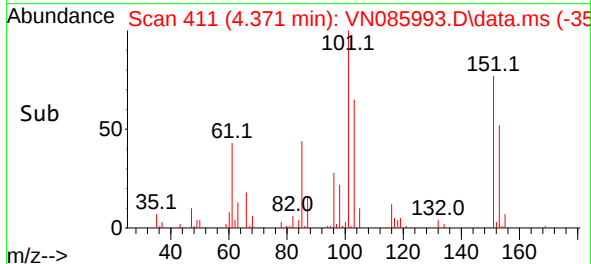
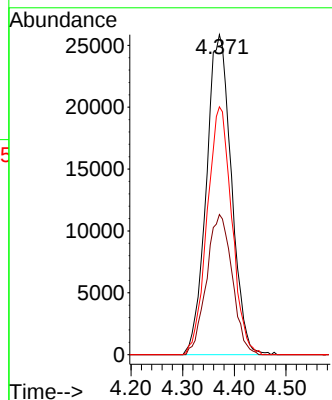
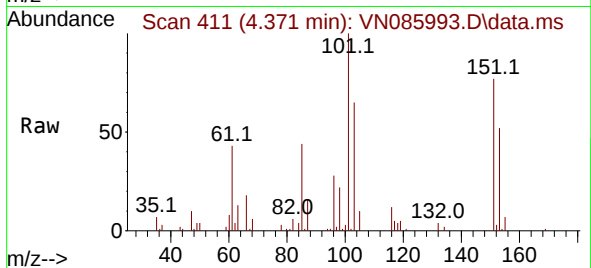
#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.926 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 87010
Ion Ratio Lower Upper
101 100
85 44.8 35.7 53.5
151 76.3 61.4 92.2

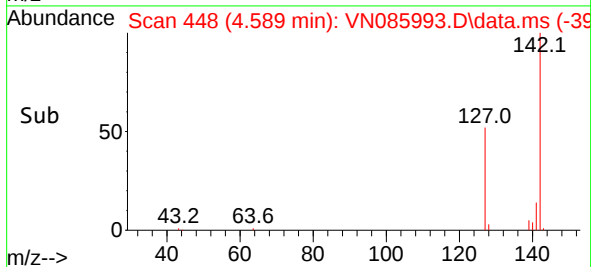
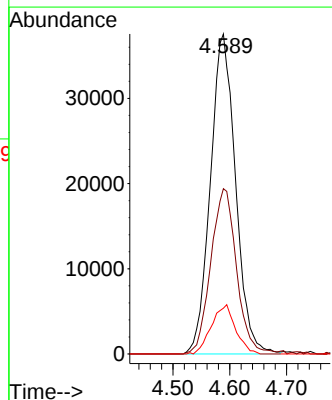
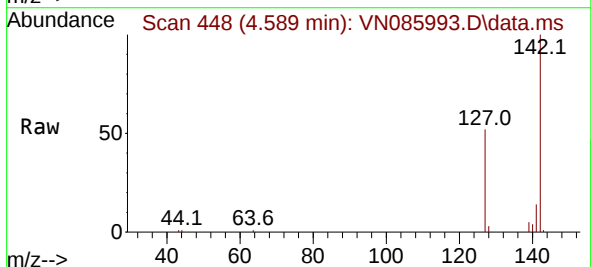
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#10
Methyl Iodide
Concen: 45.204 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

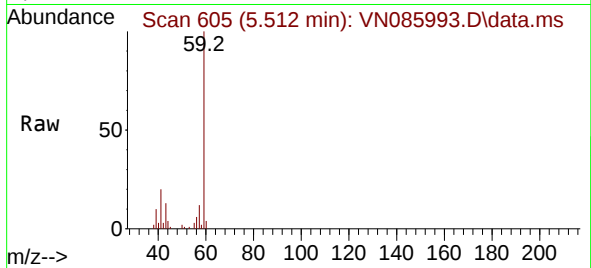
Tgt Ion:142 Resp: 115648
Ion Ratio Lower Upper
142 100
127 51.7 37.6 56.4
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 217.579 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

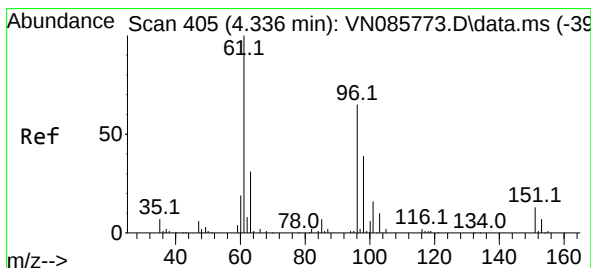
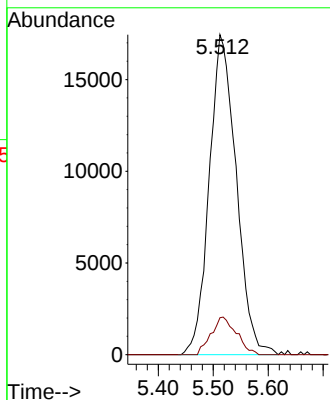
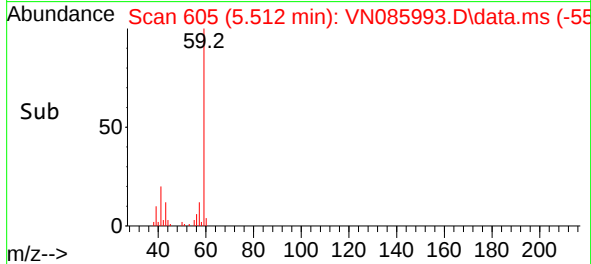
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



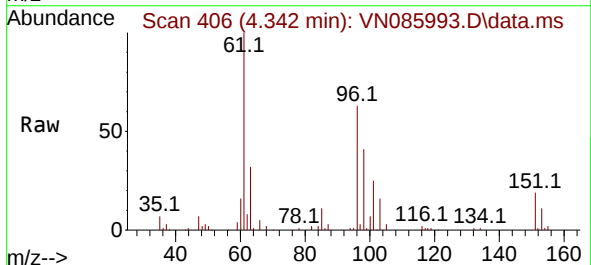
Tgt Ion: 59 Resp: 59530
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5

Manual Integrations
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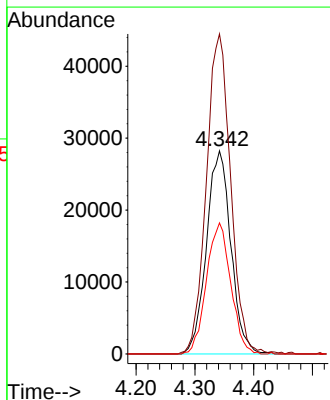
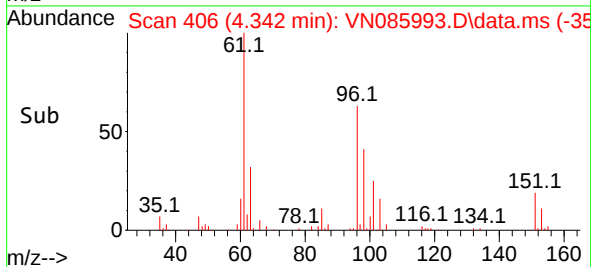
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

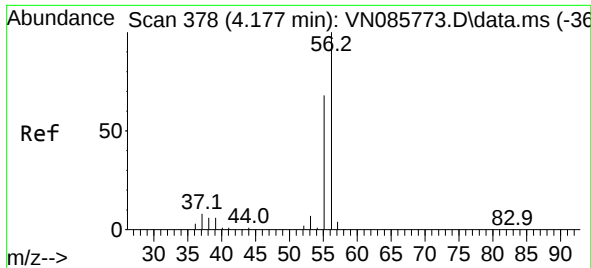


#12
1,1-Dichloroethene
Concen: 43.338 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



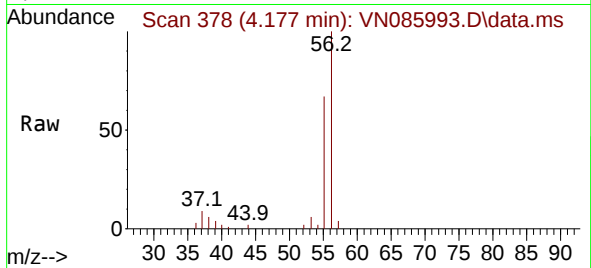
Tgt Ion: 96 Resp: 81556
Ion Ratio Lower Upper
96 100
61 157.6 123.3 184.9
98 64.6 48.6 72.8





#13
Acrolein
Concen: 186.532 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

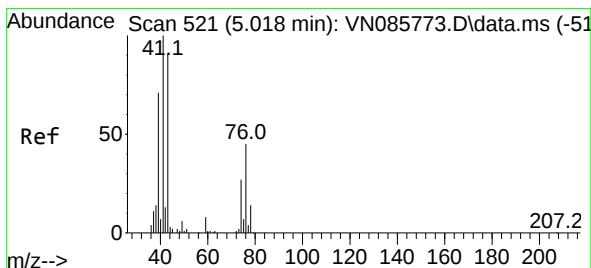
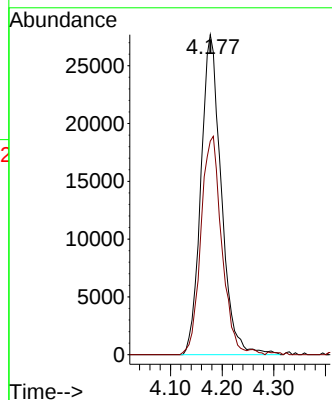
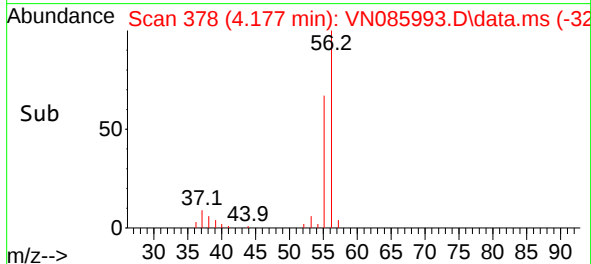
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



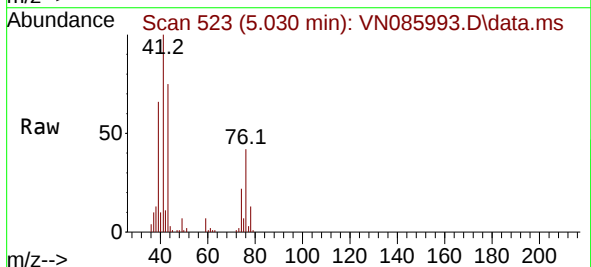
Tgt Ion: 56 Resp: 75690
Ion Ratio Lower Upper
56 100
55 69.4 55.3 82.9

Manual Integrations
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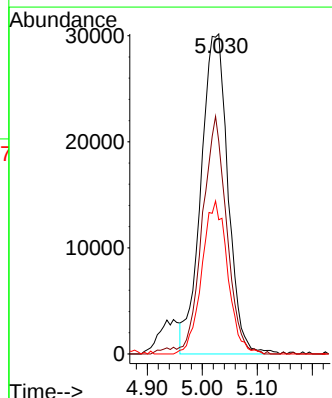
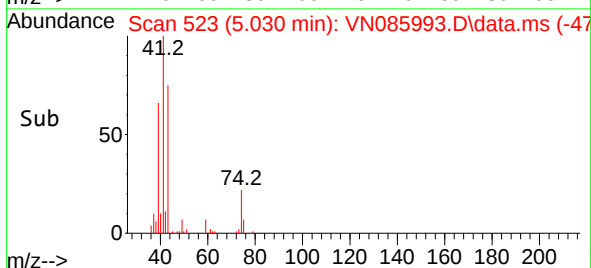
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#14
Allyl chloride
Concen: 41.770 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



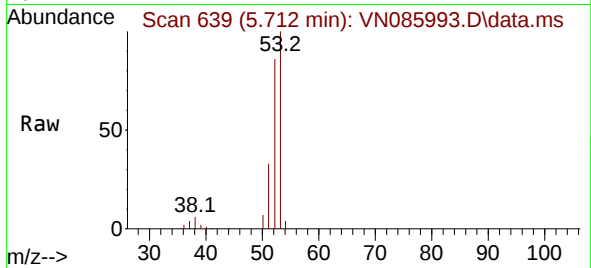
Tgt Ion: 41 Resp: 103201
Ion Ratio Lower Upper
41 100
39 66.7 57.4 86.2
76 45.6 36.2 54.2





#15
Acrylonitrile
Concen: 214.801 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

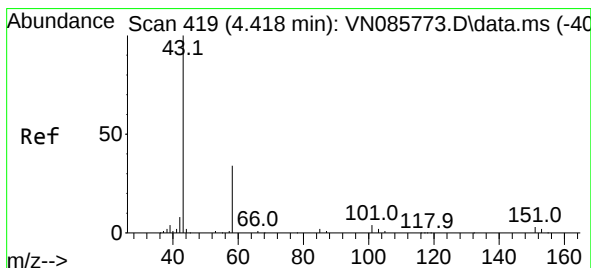
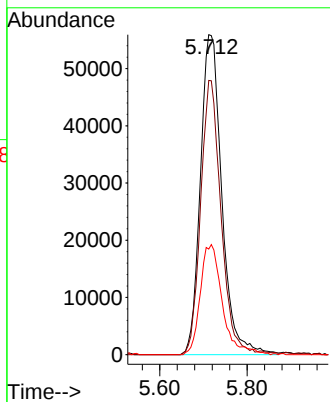
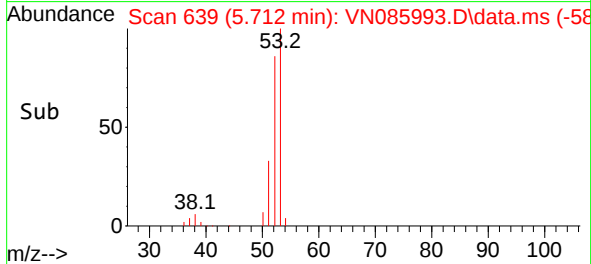
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



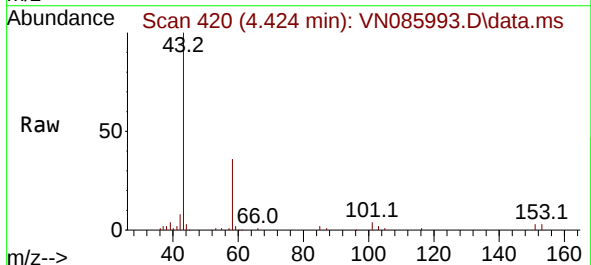
Tgt Ion: 53 Resp: 191070
Ion Ratio Lower Upper
53 100
52 81.1 65.8 98.6
51 35.4 28.6 42.8

Manual Integrations
APPROVED

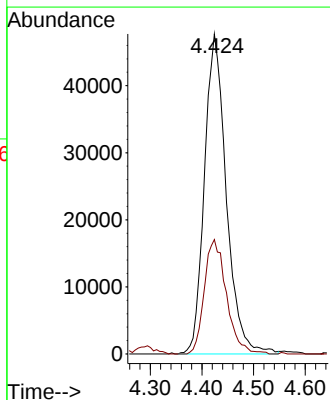
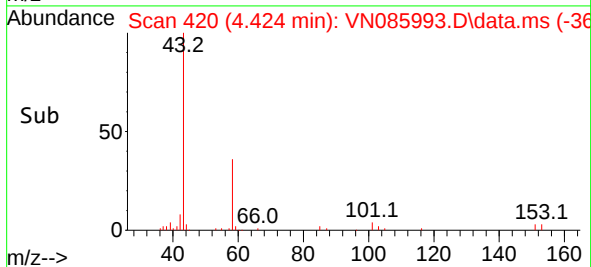
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

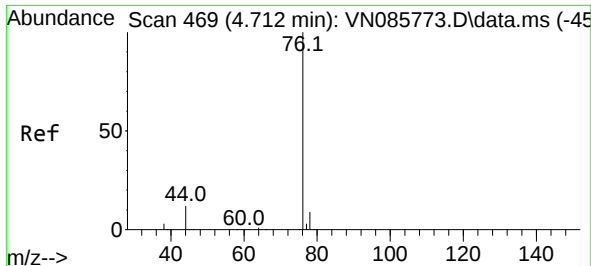


#16
Acetone
Concen: 199.247 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



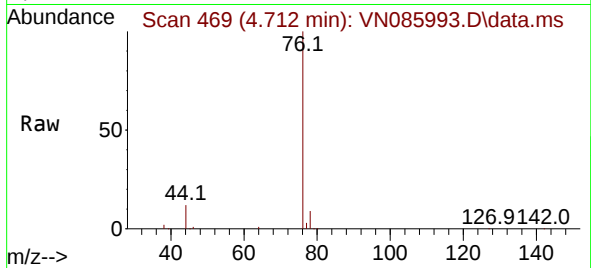
Tgt Ion: 43 Resp: 140261
Ion Ratio Lower Upper
43 100
58 35.8 27.5 41.3





#17
Carbon Disulfide
Concen: 41.796 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

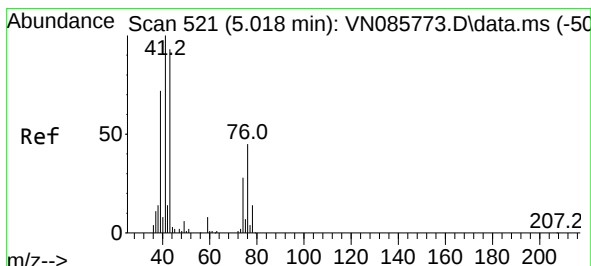
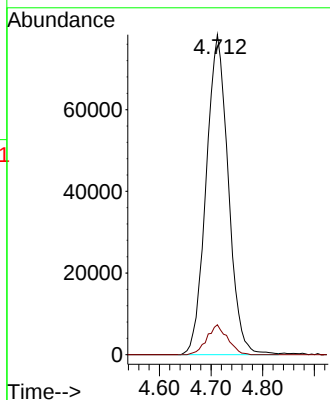
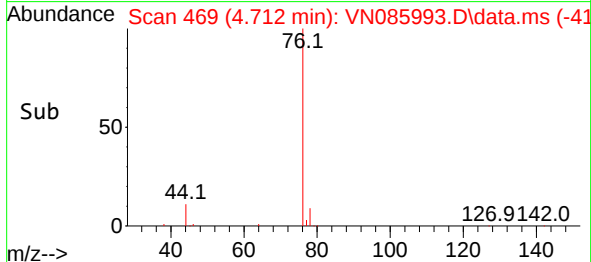
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 23310
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

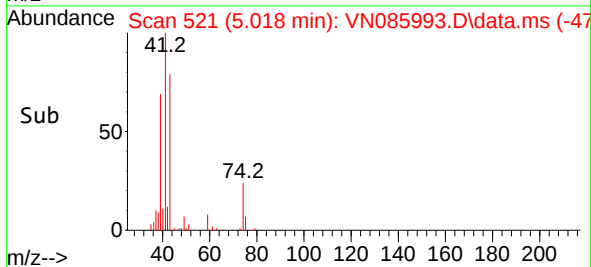
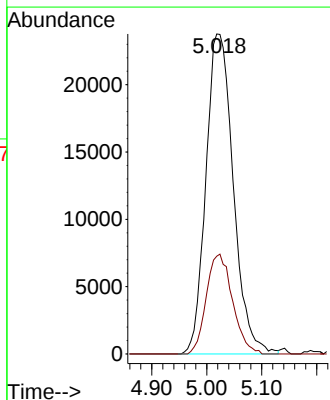
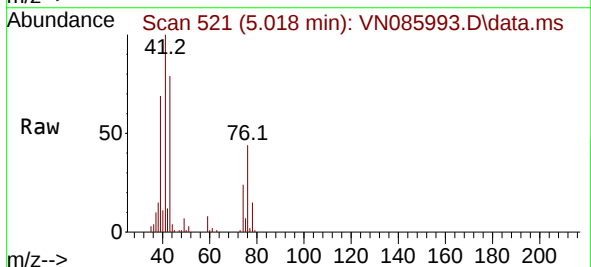
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#18
Methyl Acetate
Concen: 33.981 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

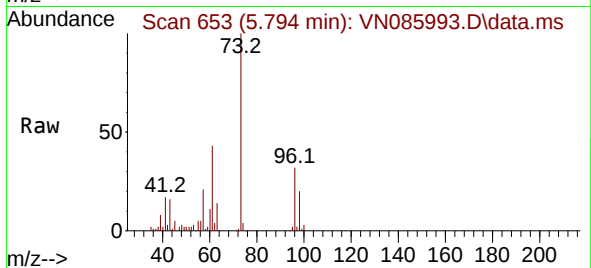
Tgt Ion: 43 Resp: 82277
Ion Ratio Lower Upper
43 100
74 29.8 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 49.477 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

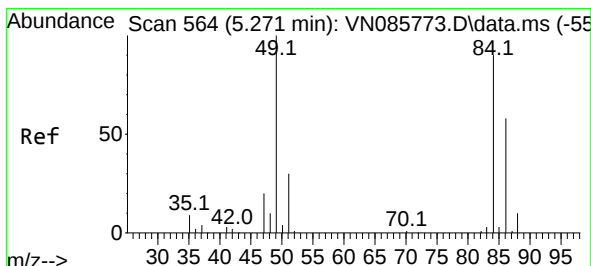
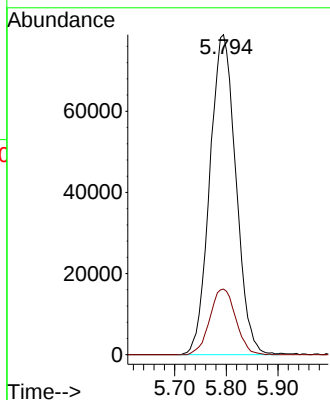
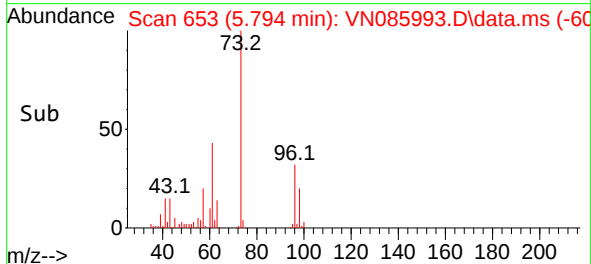
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 276679
Ion Ratio Lower Upper
73 100
57 20.5 17.6 26.4

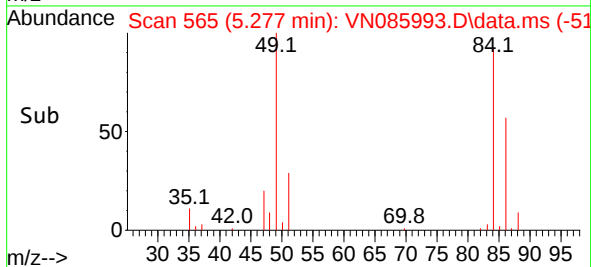
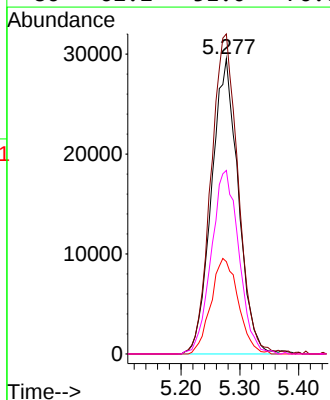
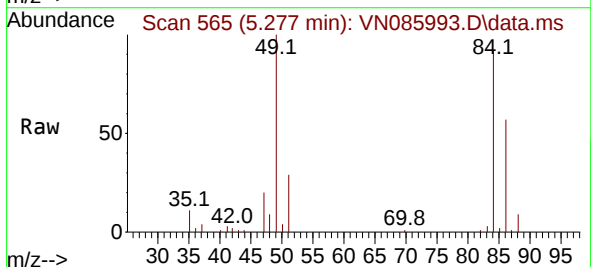
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#20
Methylene Chloride
Concen: 41.209 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

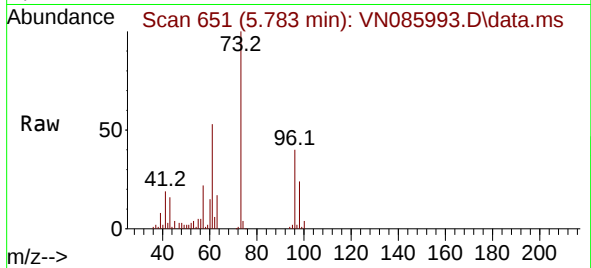
Tgt Ion: 84 Resp: 93290
Ion Ratio Lower Upper
84 100
49 108.4 88.4 132.6
51 31.3 26.6 40.0
86 62.2 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 42.521 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

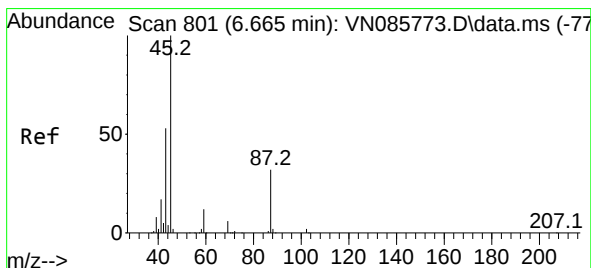
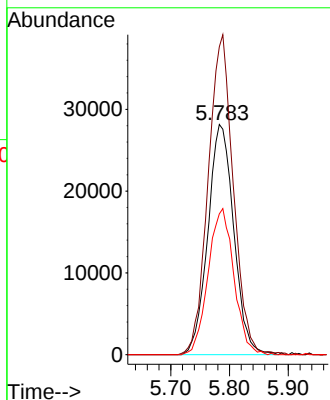
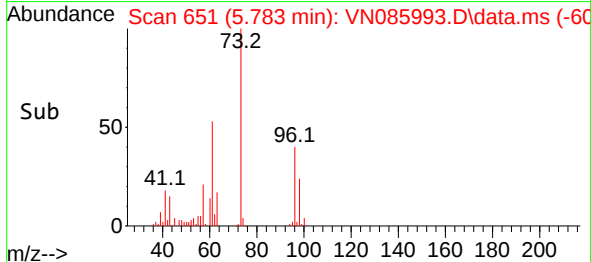
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



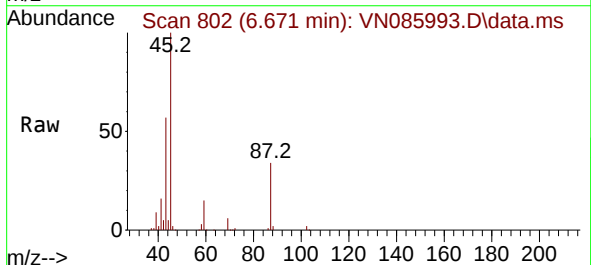
Tgt Ion: 96 Resp: 86160
Ion Ratio Lower Upper
96 100
61 133.7 112.6 168.8
98 61.1 53.3 79.9

Manual Integrations
APPROVED

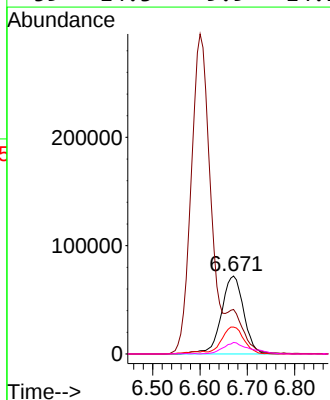
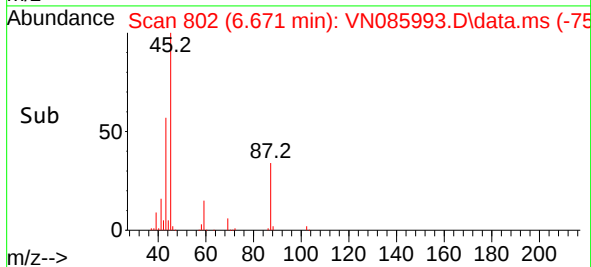
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#22
Diisopropyl ether
Concen: 42.130 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



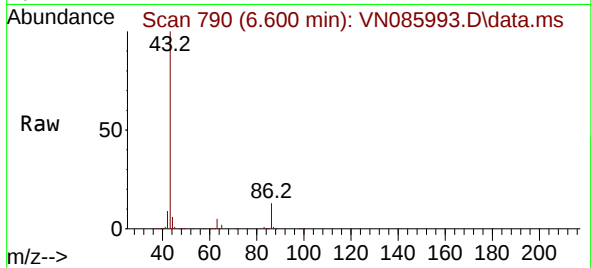
Tgt Ion: 45 Resp: 235204
Ion Ratio Lower Upper
45 100
43 55.8 42.6 64.0
87 34.4 25.8 38.8
59 14.3 9.9 14.9





#23
 Vinyl Acetate
 Concen: 218.850 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085993.D
 Acq: 14 Mar 2025 16:45

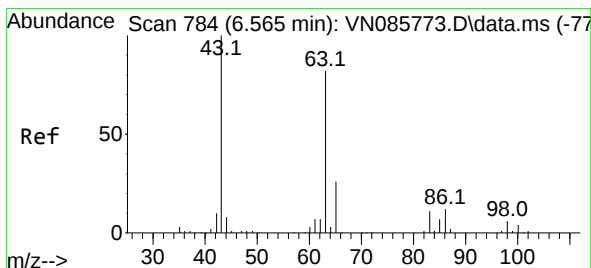
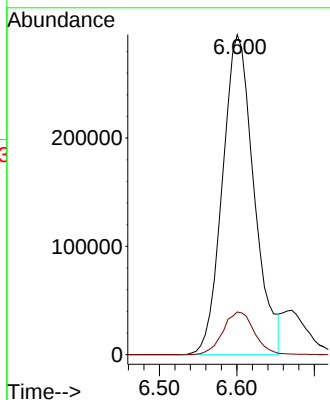
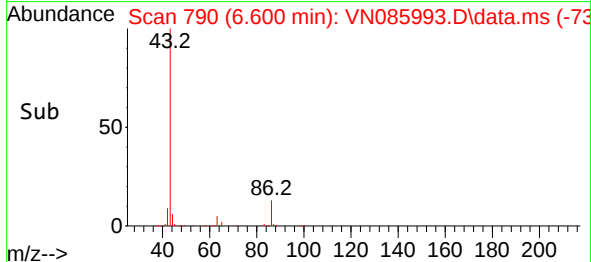
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 836579
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.8 14.8

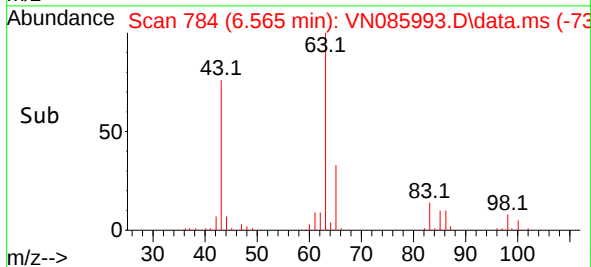
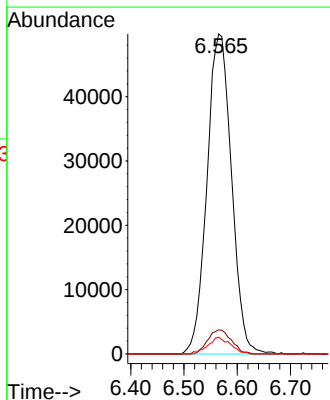
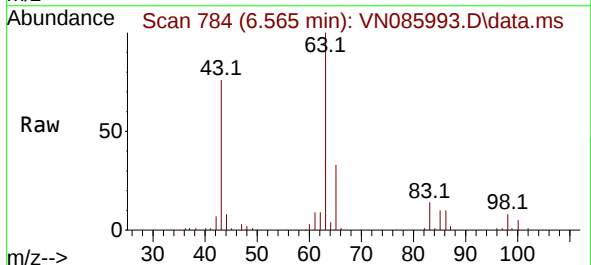
Manual Integrations
 APPROVED

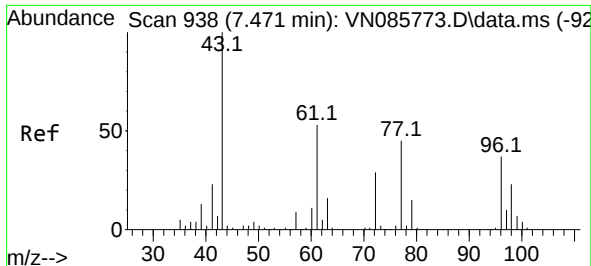
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#24
 1,1-Dichloroethane
 Concen: 41.996 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085993.D
 Acq: 14 Mar 2025 16:45

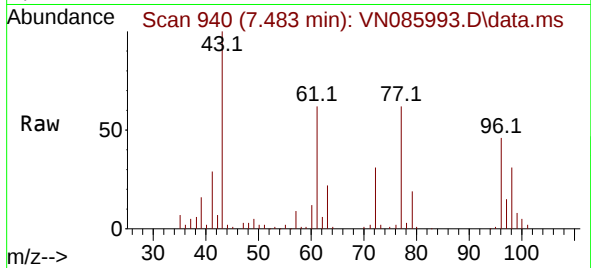
Tgt Ion: 63 Resp: 159383
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 5.2 2.4 7.2





#25
2-Butanone
Concen: 205.770 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

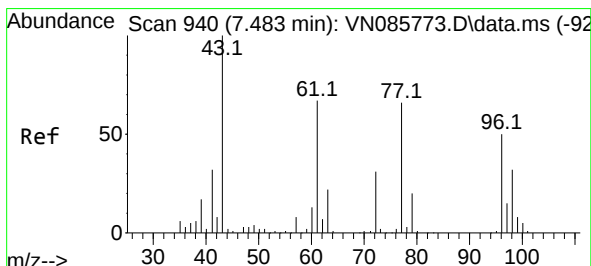
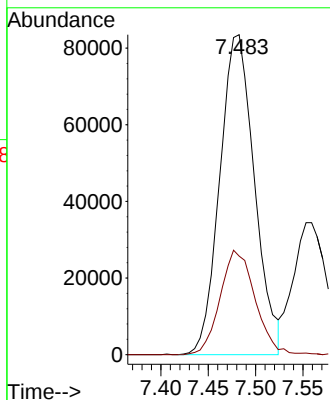
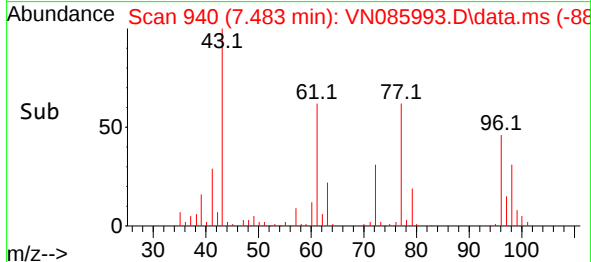
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



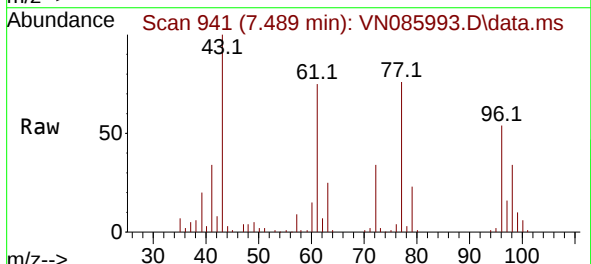
Tgt Ion: 43 Resp: 21310
Ion Ratio Lower Upper
43 100
72 30.8 23.6 35.4

Manual Integrations
APPROVED

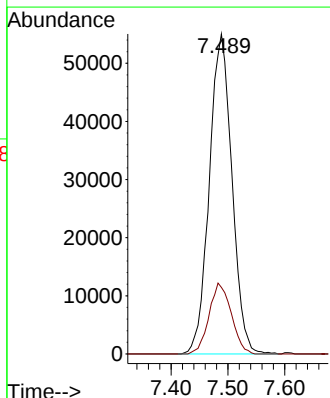
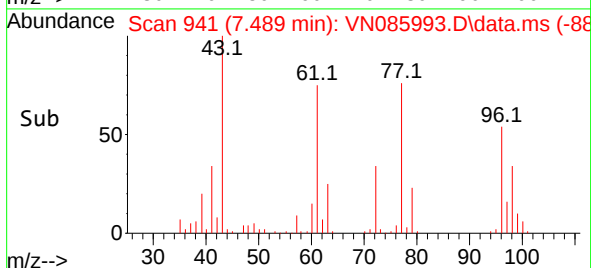
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#26
2,2-Dichloropropane
Concen: 45.167 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



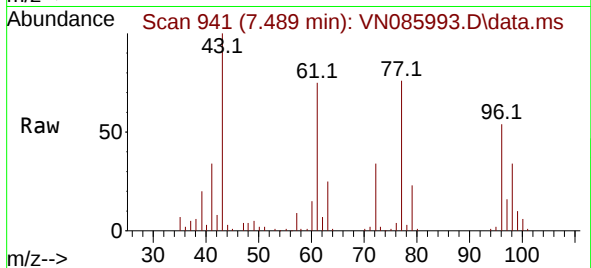
Tgt Ion: 77 Resp: 152426
Ion Ratio Lower Upper
77 100
97 21.7 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 43.076 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085993.D
 Acq: 14 Mar 2025 16:45

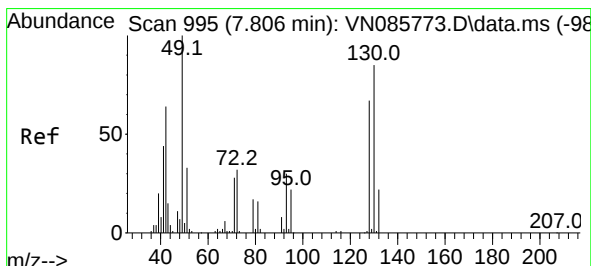
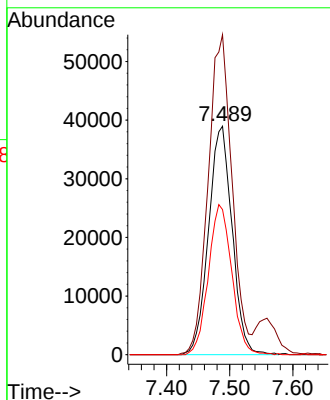
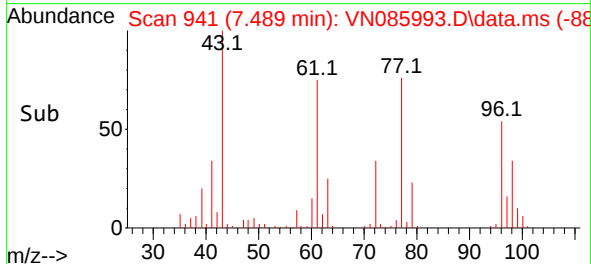
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



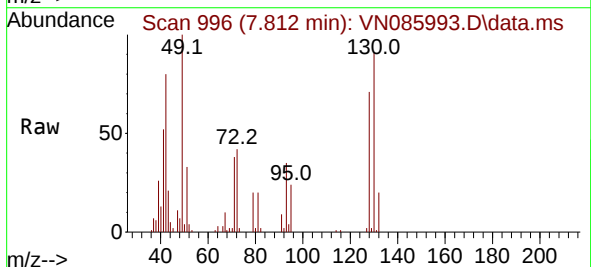
Tgt Ion: 96 Resp: 10120
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 280.6
 98 65.1 0.0 128.6

Manual Integrations
 APPROVED

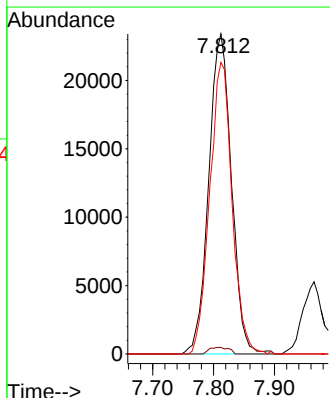
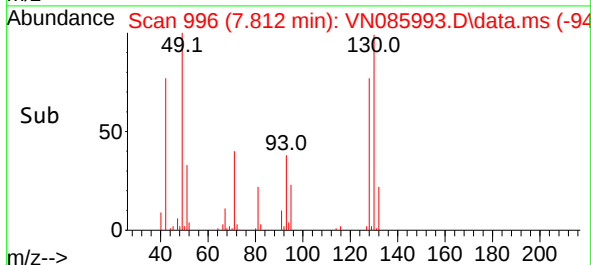
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#28
 Bromochloromethane
 Concen: 38.884 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085993.D
 Acq: 14 Mar 2025 16:45



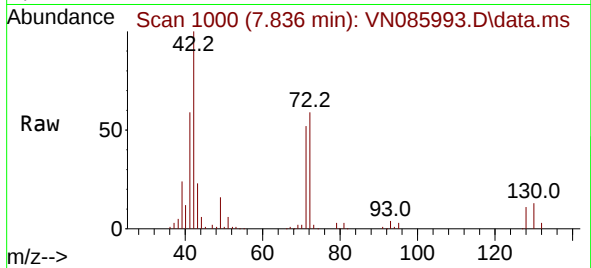
Tgt Ion: 49 Resp: 60653
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 89.6 68.0 102.0





#29
Tetrahydrofuran
Concen: 215.749 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

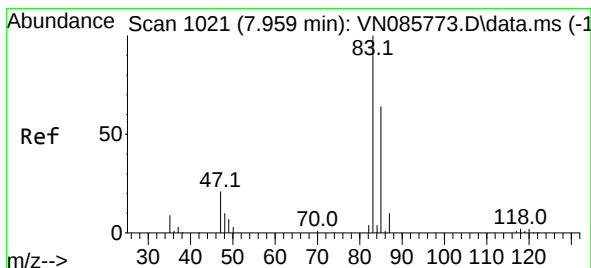
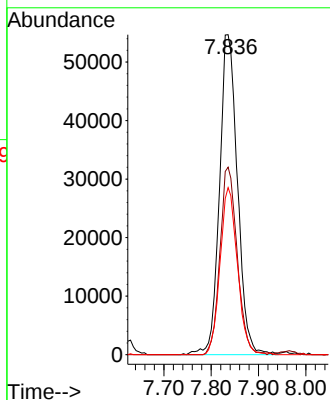
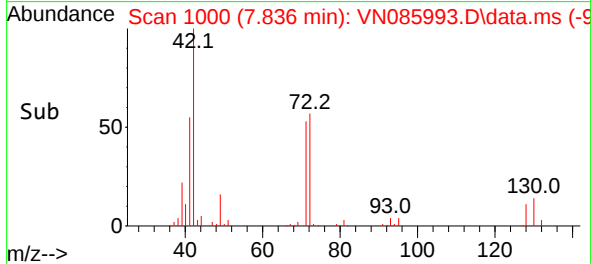
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 144285
Ion Ratio Lower Upper
42 100
72 56.1 40.0 60.0
71 50.4 37.0 55.4

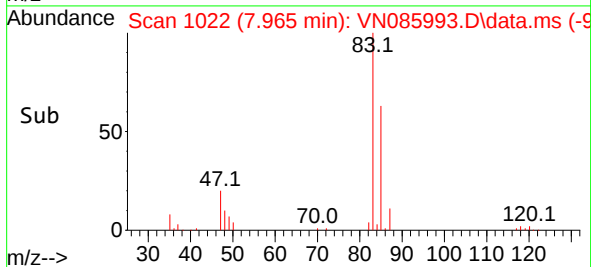
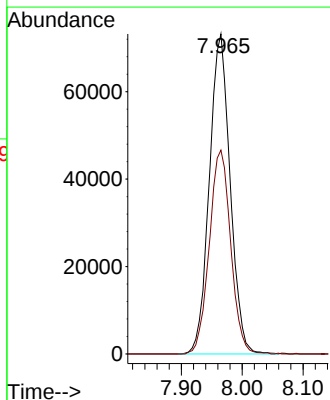
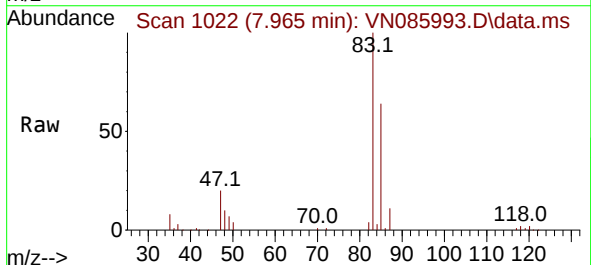
Manual Integrations
APPROVED

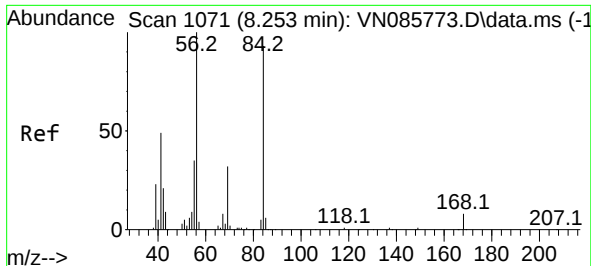
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#30
Chloroform
Concen: 43.805 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

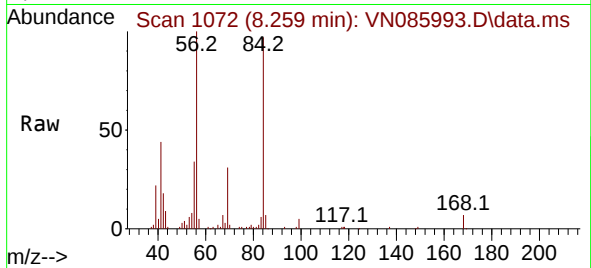
Tgt Ion: 83 Resp: 173735
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3





#31
Cyclohexane
Concen: 40.509 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

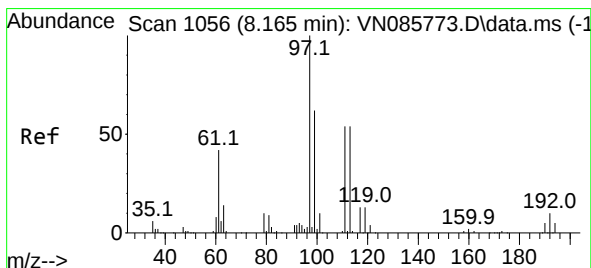
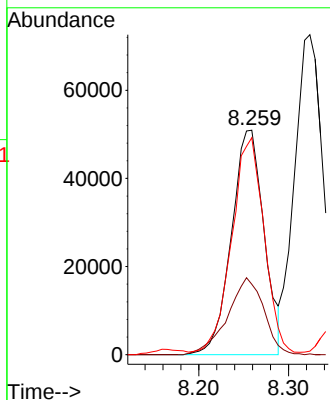
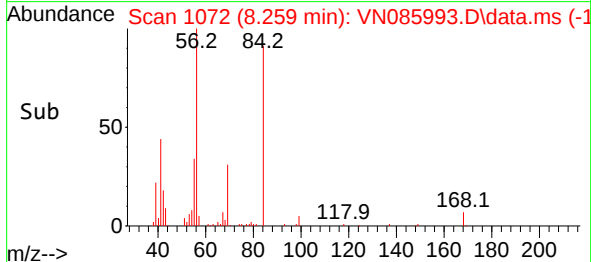
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



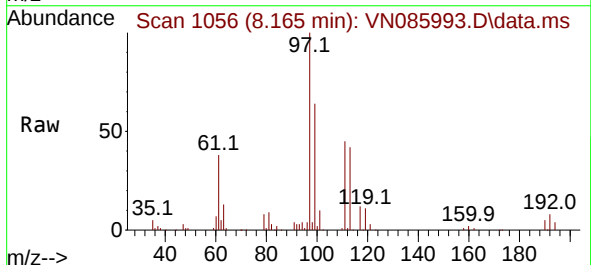
Tgt Ion: 56 Resp: 12872
Ion Ratio Lower Upper
56 100
69 31.4 25.8 38.6
84 94.7 74.5 111.7

Manual Integrations
APPROVED

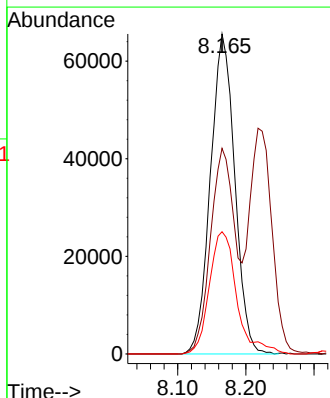
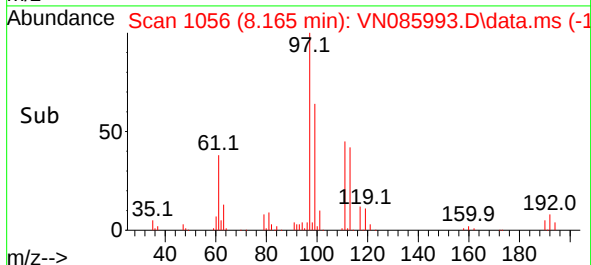
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#32
1,1,1-Trichloroethane
Concen: 46.174 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



Tgt Ion: 97 Resp: 162885
Ion Ratio Lower Upper
97 100
99 65.5 50.4 75.6
61 43.0 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 37.732 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085993.D

Acq: 14 Mar 2025 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

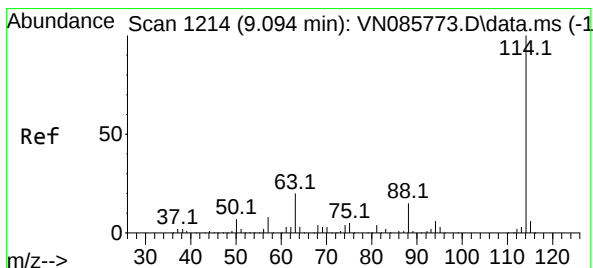
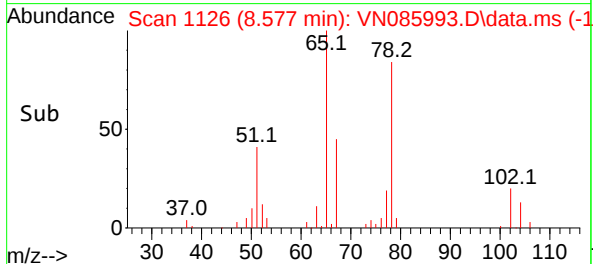
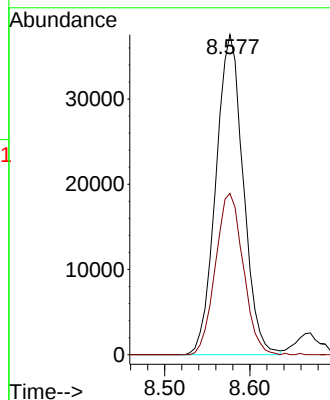
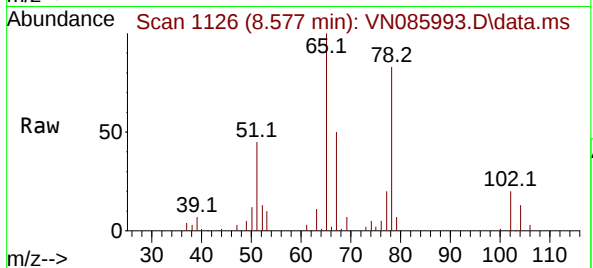
Tgt Ion: 65 Resp: 83945
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

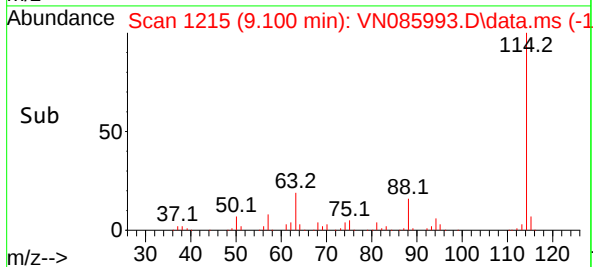
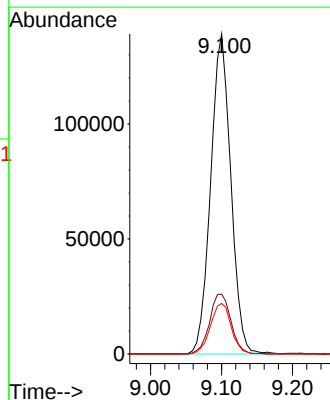
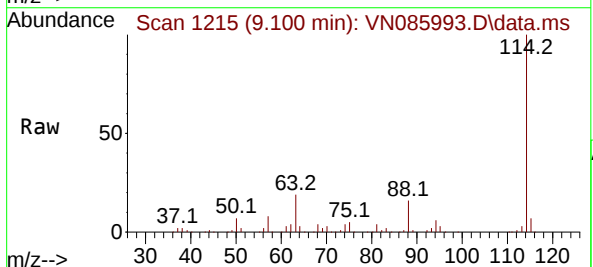
RT: 9.100 min Scan# 1215

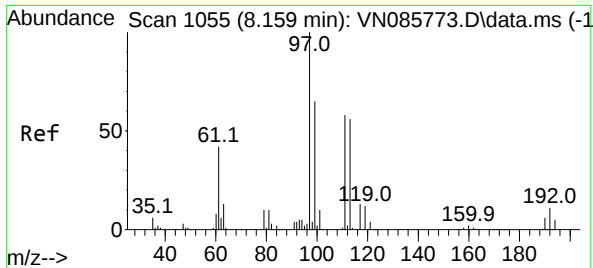
Delta R.T. 0.006 min

Lab File: VN085993.D

Acq: 14 Mar 2025 16:45

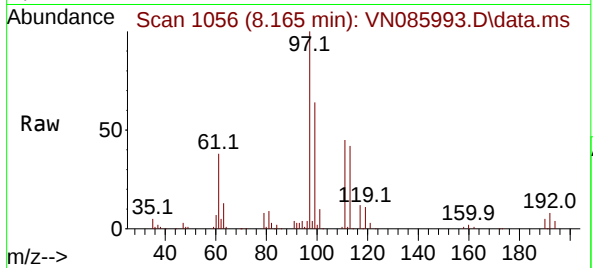
Tgt Ion:114 Resp: 273448
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.8 0.0 30.0





#35
Dibromofluoromethane
Concen: 38.080 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

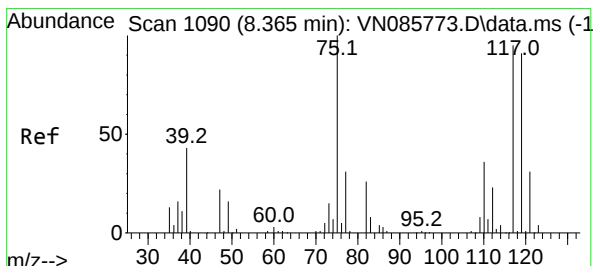
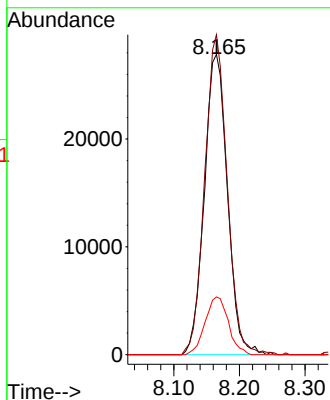
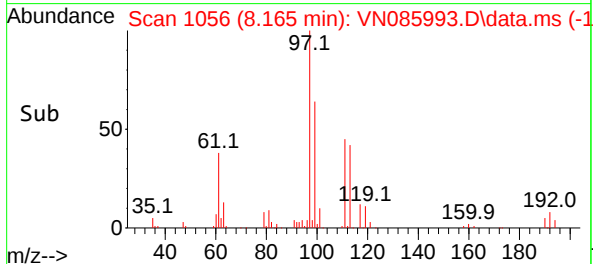
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



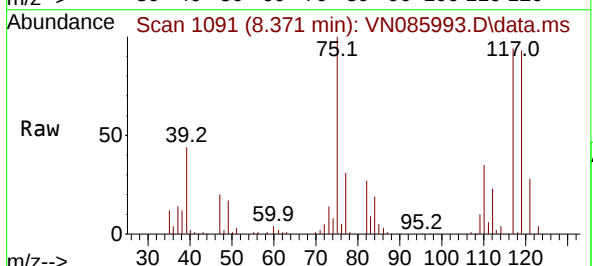
Tgt Ion: 113 Resp: 6813
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 19.3 14.7 22.1

Manual Integrations
APPROVED

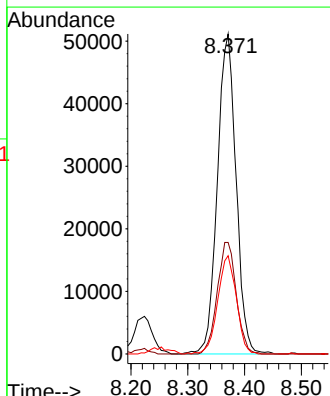
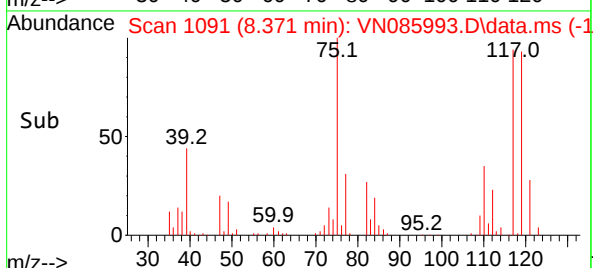
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

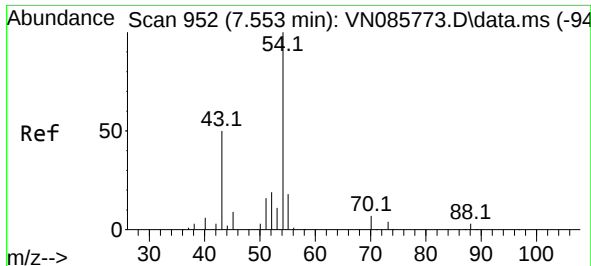


#36
1,1-Dichloropropene
Concen: 46.295 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



Tgt Ion: 75 Resp: 117235
Ion Ratio Lower Upper
75 100
110 35.4 17.3 52.0
77 30.5 24.6 37.0





#37

Ethyl Acetate

Concen: 42.202 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN085993.D

Acq: 14 Mar 2025 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 8794

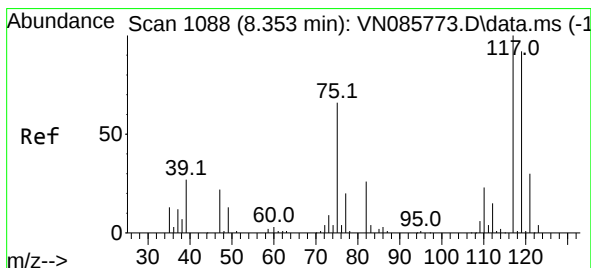
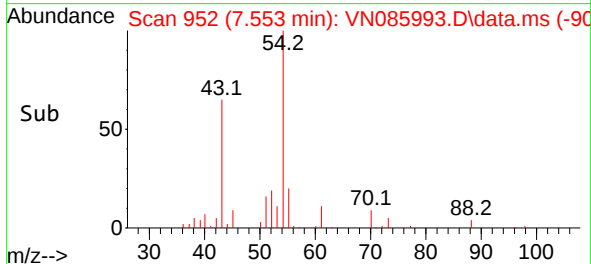
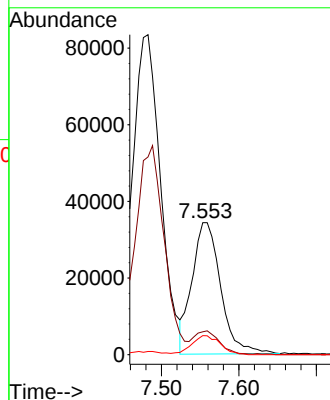
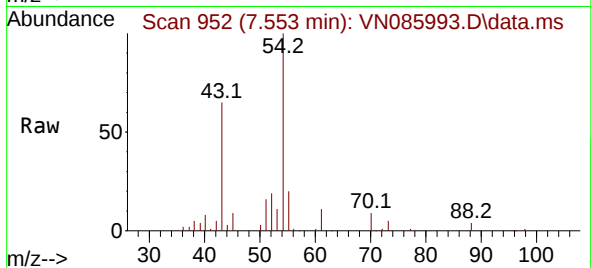
Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.2	18.2
70	14.4	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#38

Carbon Tetrachloride

Concen: 50.366 ug/l

RT: 8.359 min Scan# 1089

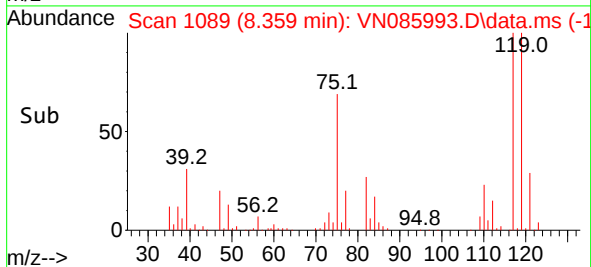
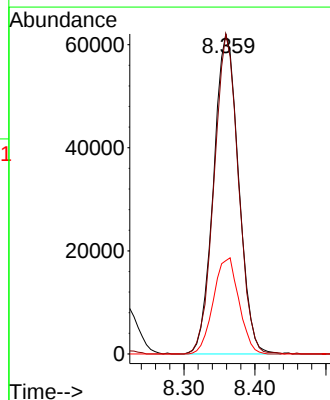
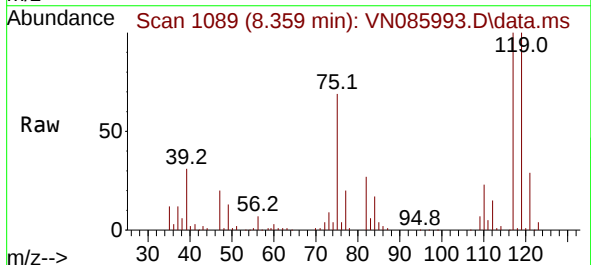
Delta R.T. 0.006 min

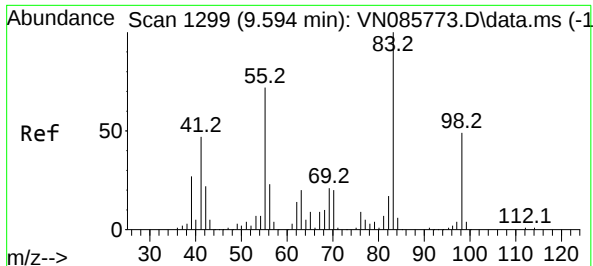
Lab File: VN085993.D

Acq: 14 Mar 2025 16:45

Tgt Ion:117 Resp: 151549

Ion	Ratio	Lower	Upper
117	100		
119	100.1	73.8	110.6
121	29.2	24.3	36.5





#39

Methylcyclohexane

Concen: 47.270 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085993.D

Acq: 14 Mar 2025 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 117598

Ion Ratio Lower Upper

83 100

55 77.1 57.5 86.3

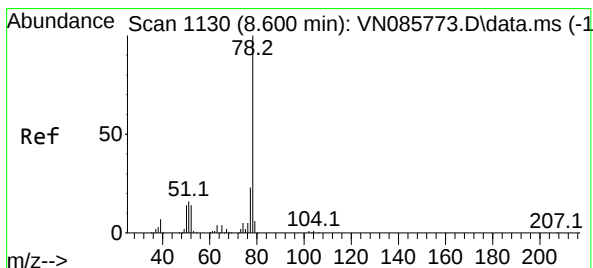
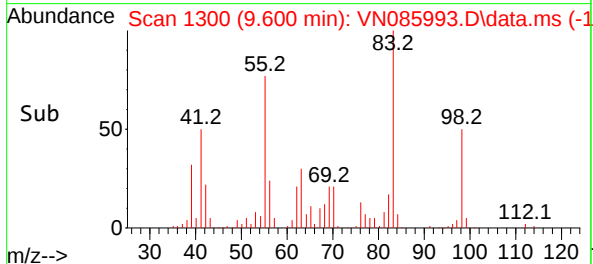
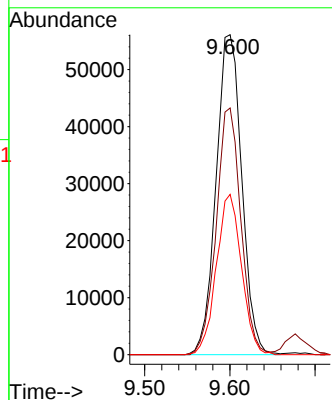
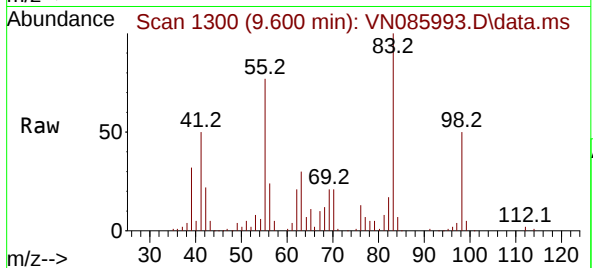
98 50.1 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#40

Benzene

Concen: 45.766 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085993.D

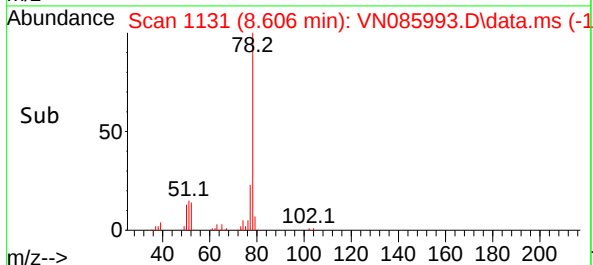
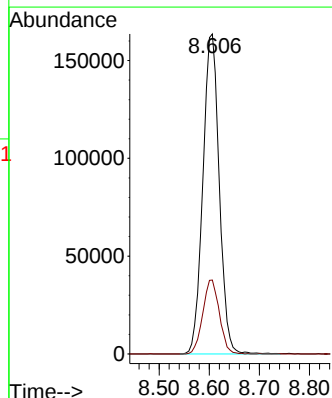
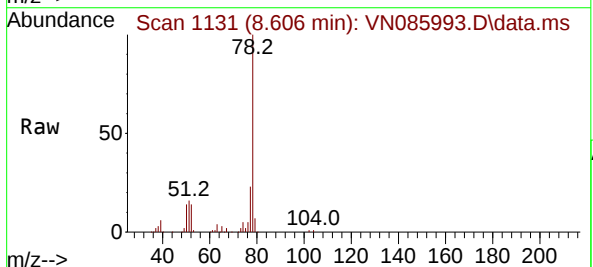
Acq: 14 Mar 2025 16:45

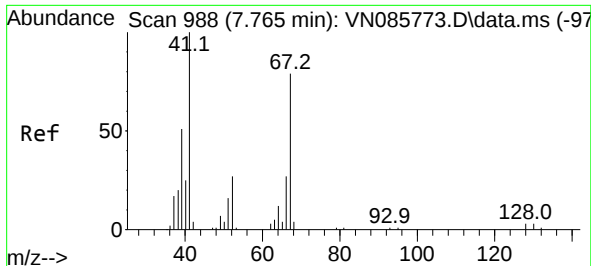
Tgt Ion: 78 Resp: 371456

Ion Ratio Lower Upper

78 100

77 23.1 18.3 27.5





#41
Methacrylonitrile
Concen: 43.106 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

Instrument :

MSVOA_N

ClientSampleId :

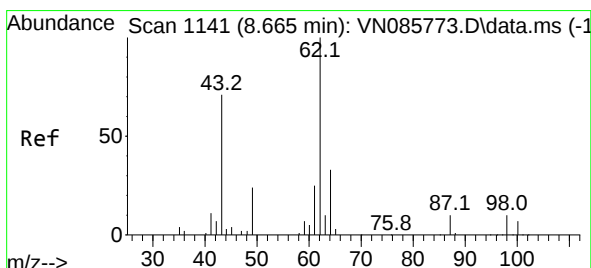
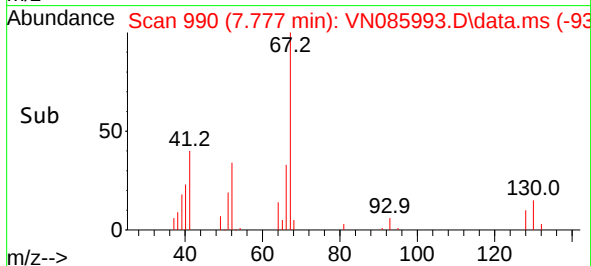
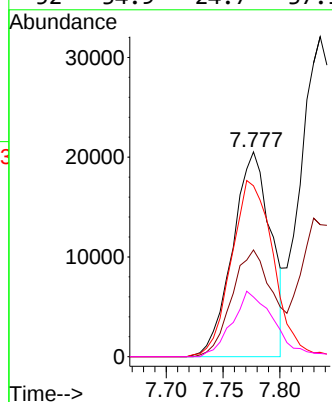
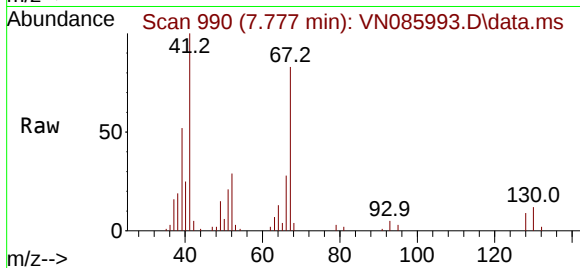
VSTDCCC050EC

Tgt Ion: 41 Resp: 4802
Ion Ratio Lower Upper
41 100
39 56.7 42.0 63.0
67 94.7 64.2 96.4
52 34.9 24.7 37.1

Manual Integrations

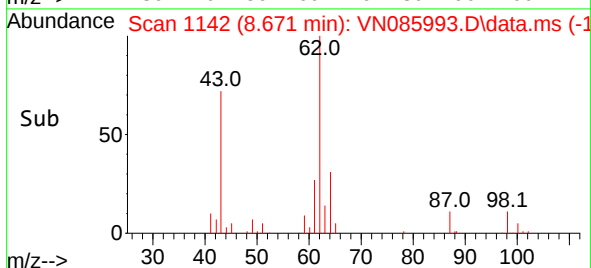
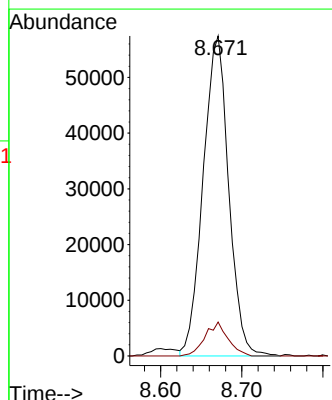
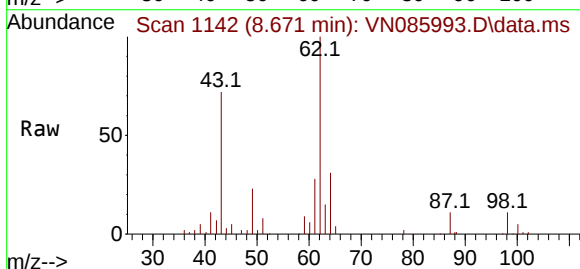
APPROVED

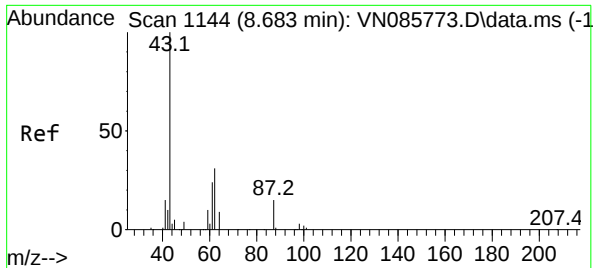
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#42
1,2-Dichloroethane
Concen: 47.488 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

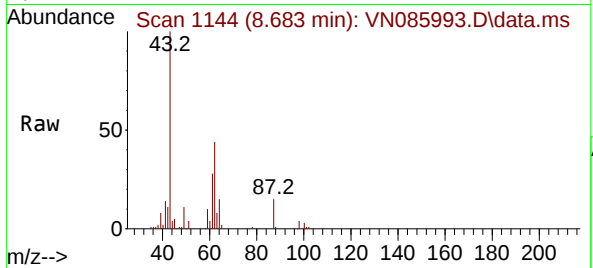
Tgt Ion: 62 Resp: 125546
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.6





#43
Isopropyl Acetate
Concen: 44.020 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

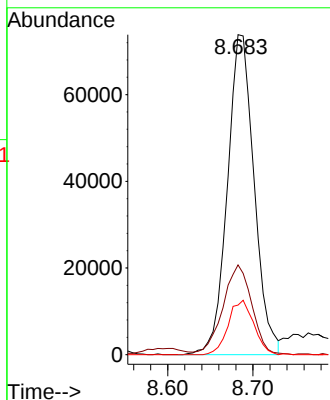
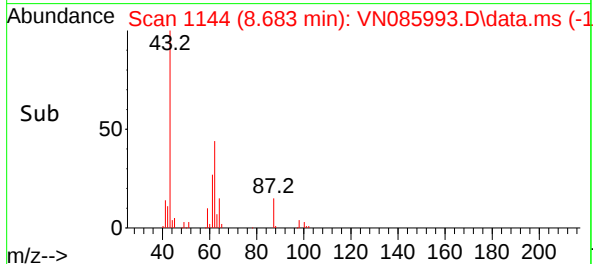
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



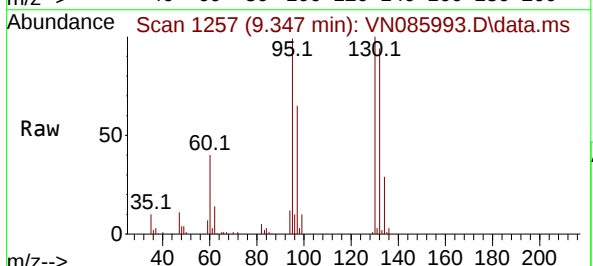
Tgt Ion: 43 Resp: 161230
Ion Ratio Lower Upper
43 100
61 30.4 22.6 34.0
87 16.3 11.8 17.8

Manual Integrations
APPROVED

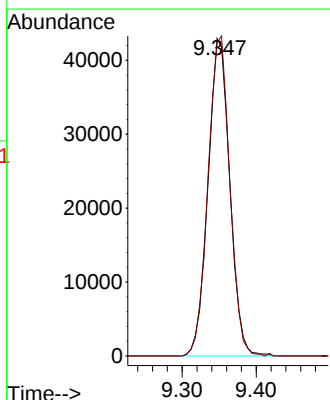
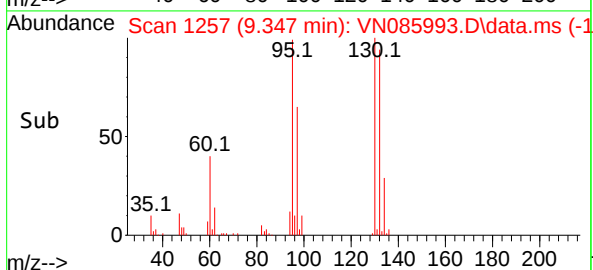
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#44
Trichloroethene
Concen: 44.010 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



Tgt Ion:130 Resp: 87704
Ion Ratio Lower Upper
130 100
95 98.6 0.0 202.6





#45

1,2-Dichloropropane

Concen: 44.785 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085993.D

Acq: 14 Mar 2025 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

Tgt Ion: 63 Resp: 8774

Ion Ratio Lower Upper

63 100

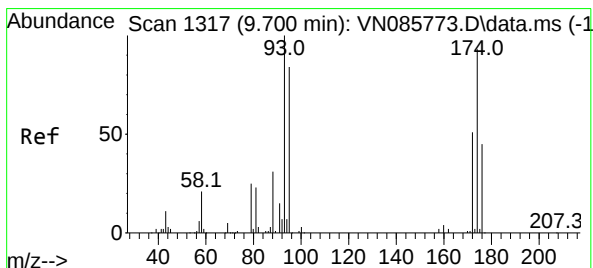
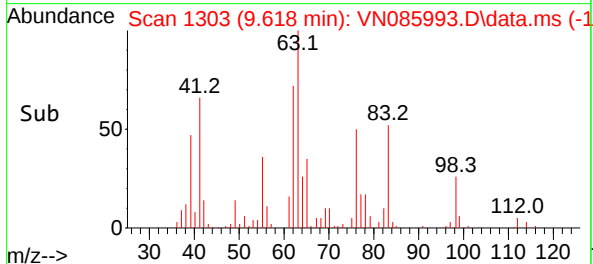
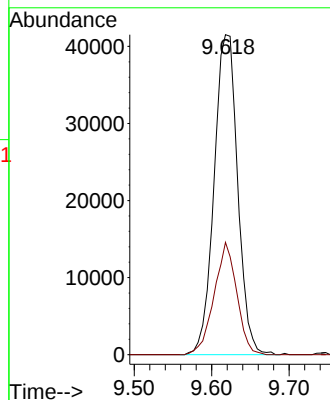
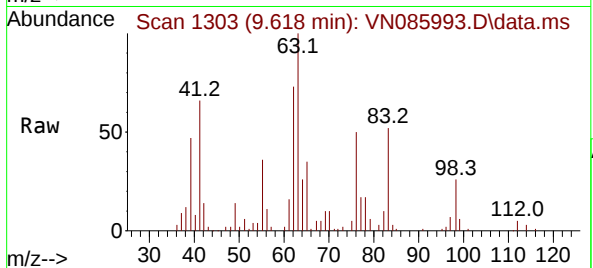
65 35.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#46

Dibromomethane

Concen: 47.463 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085993.D

Acq: 14 Mar 2025 16:45

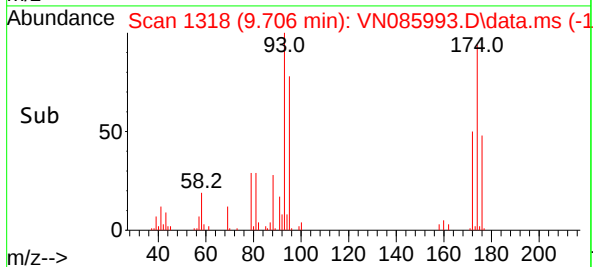
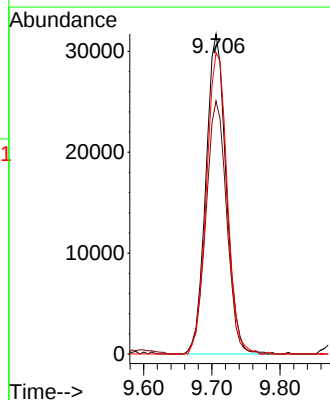
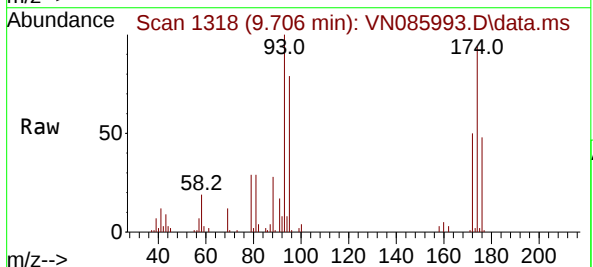
Tgt Ion: 93 Resp: 65589

Ion Ratio Lower Upper

93 100

95 80.8 66.7 100.1

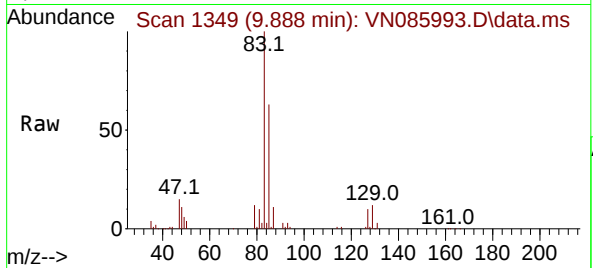
174 96.3 77.2 115.8





#47
Bromodichloromethane
Concen: 47.179 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

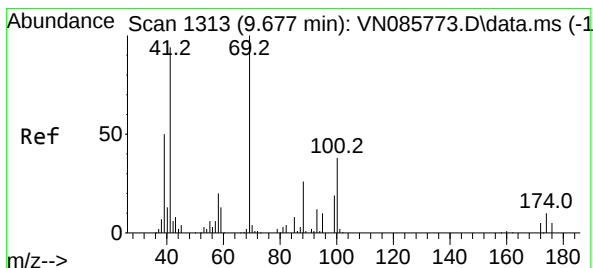
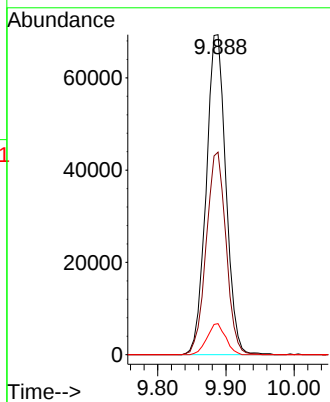
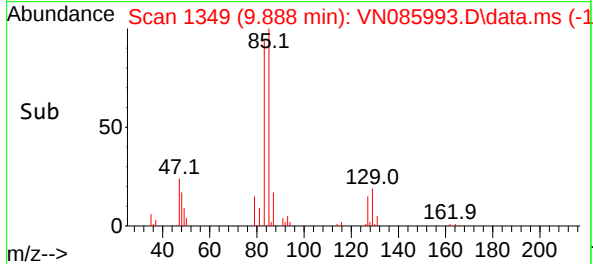
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 139480
Ion Ratio Lower Upper
83 100
85 63.3 50.5 75.7
127 9.7 7.2 10.8

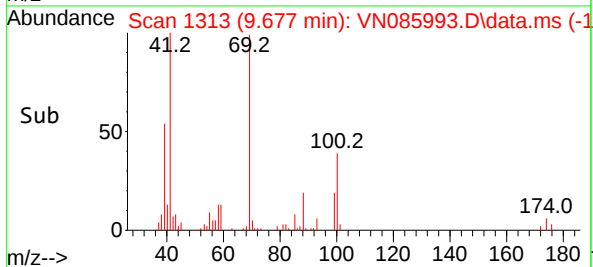
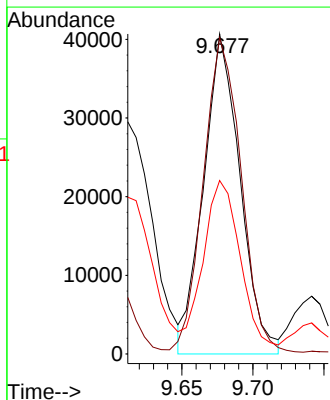
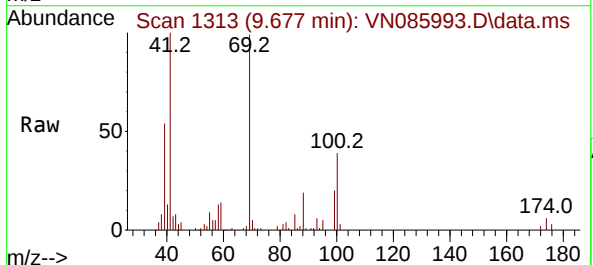
Manual Integrations
APPROVED

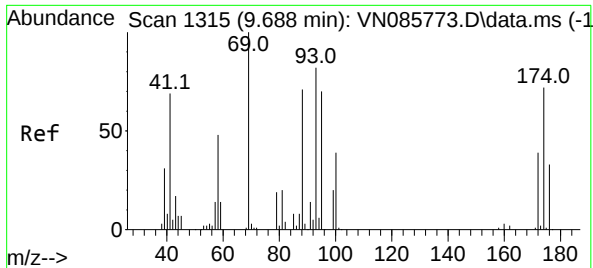
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#48
Methyl methacrylate
Concen: 46.996 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

Tgt Ion: 41 Resp: 72736
Ion Ratio Lower Upper
41 100
69 101.7 76.0 114.0
39 56.7 42.3 63.5





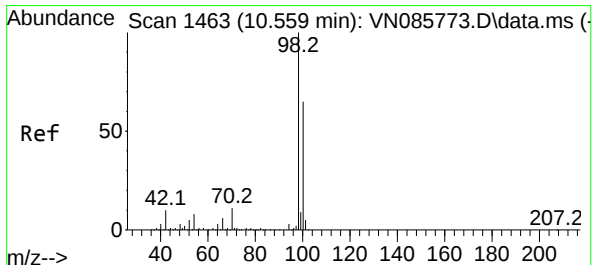
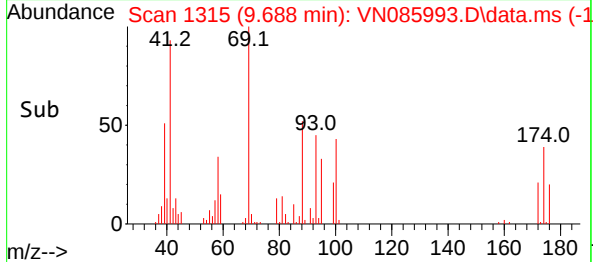
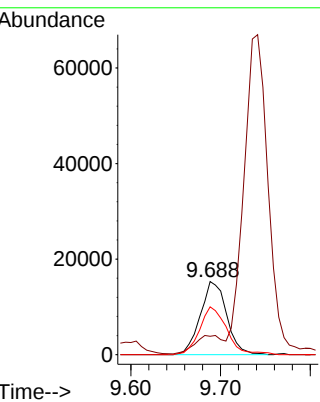
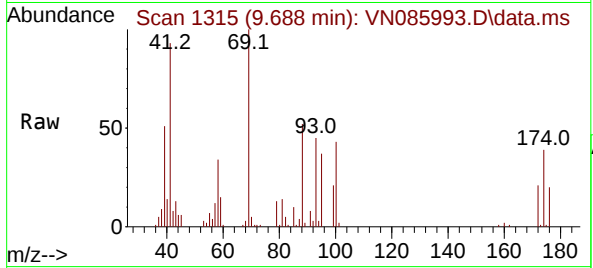
#49
1,4-Dioxane
Concen: 1061.219 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 3123
Ion Ratio Lower Upper
88 100
43 29.1 18.6 27.8
58 67.5 56.7 85.1

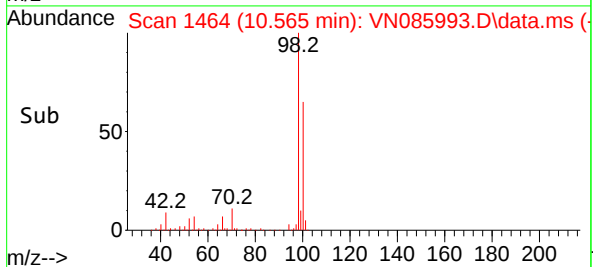
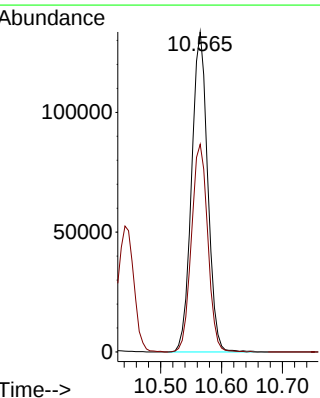
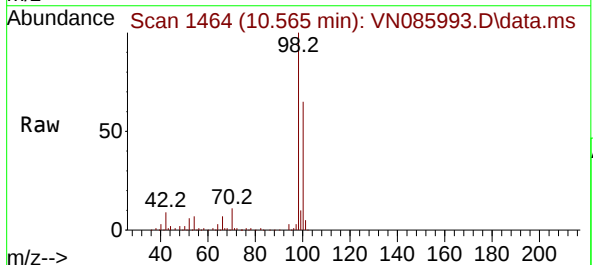
Manual Integrations
APPROVED

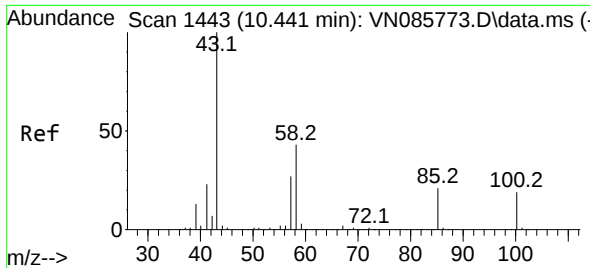
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#50
Toluene-d8
Concen: 37.621 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

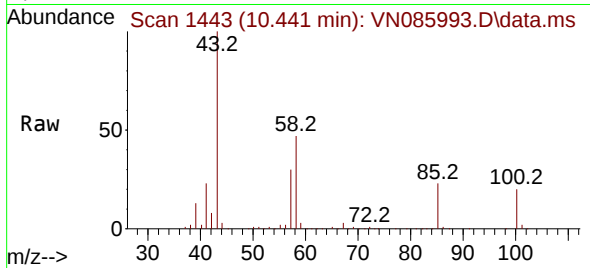
Tgt Ion: 98 Resp: 244917
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 232.866 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

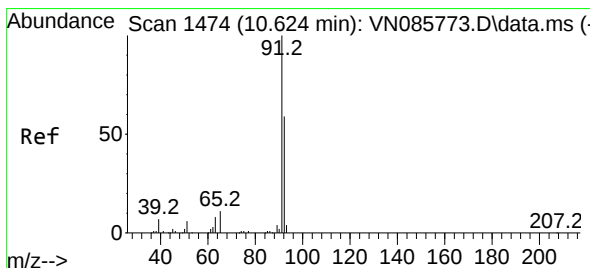
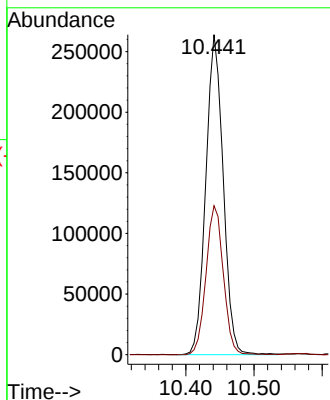
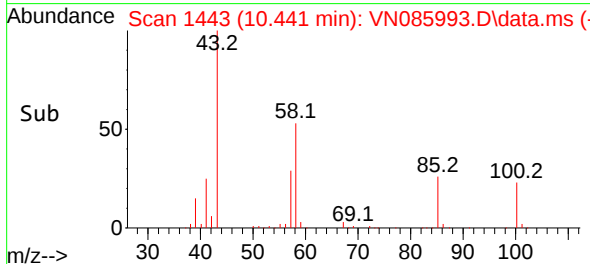
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



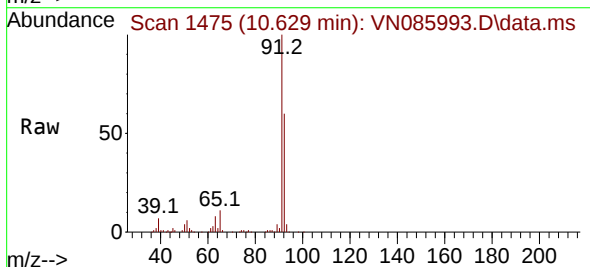
Tgt Ion: 43 Resp: 467884
Ion Ratio Lower Upper
43 100
58 46.4 34.6 52.0

Manual Integrations
APPROVED

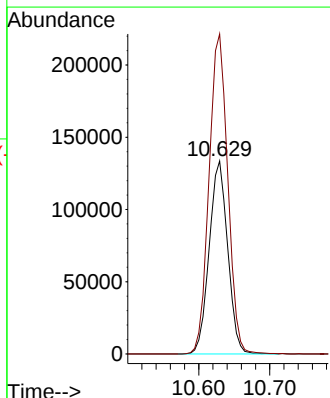
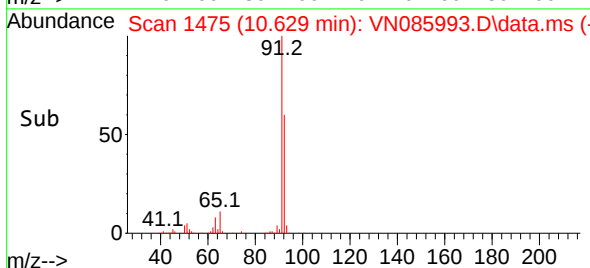
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

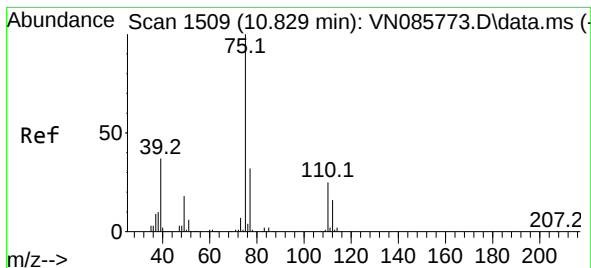


#52
Toluene
Concen: 50.749 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



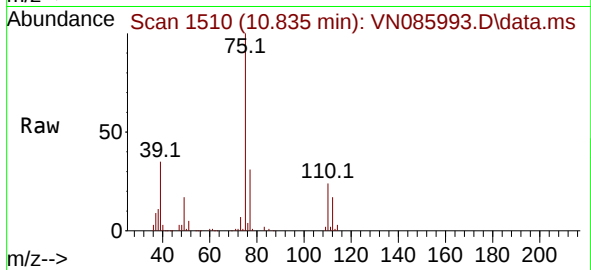
Tgt Ion: 92 Resp: 241448
Ion Ratio Lower Upper
92 100
91 167.7 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 50.987 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

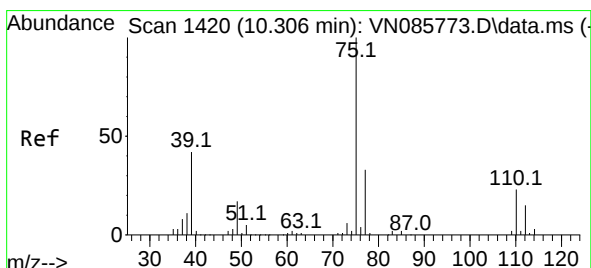
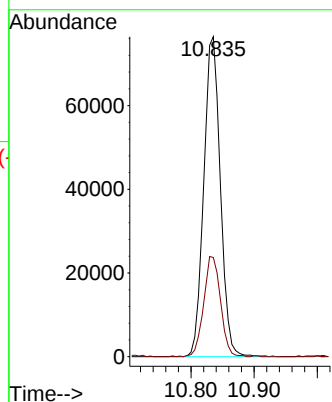
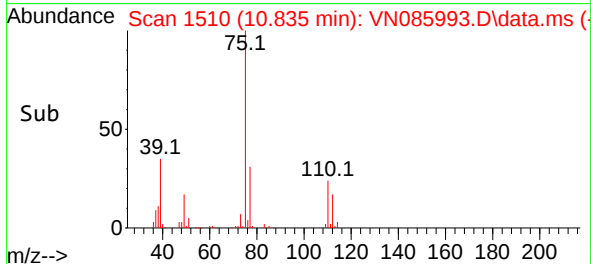
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 139392
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0

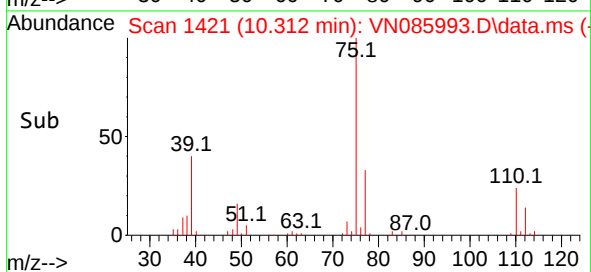
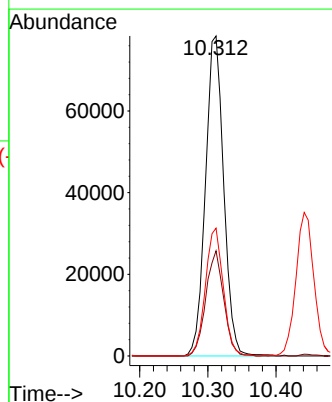
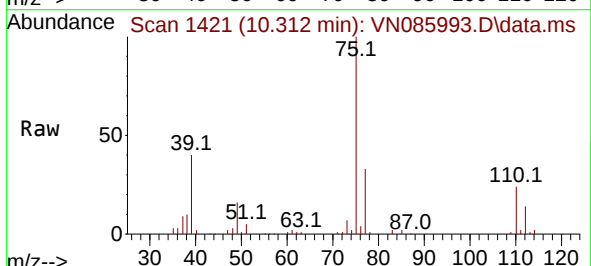
Manual Integrations
APPROVED

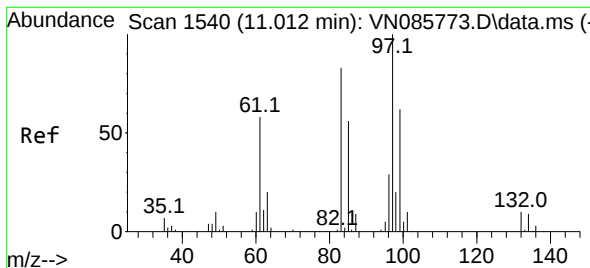
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#54
cis-1,3-Dichloropropene
Concen: 48.642 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

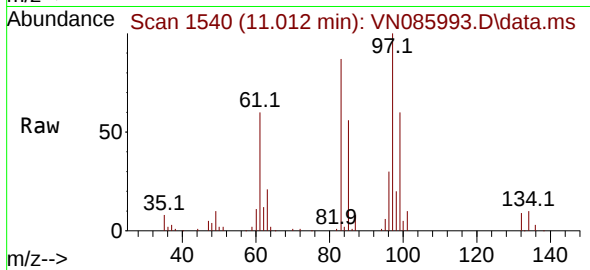
Tgt Ion: 75 Resp: 145823
Ion Ratio Lower Upper
75 100
77 32.9 26.1 39.1
39 40.0 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 46.317 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

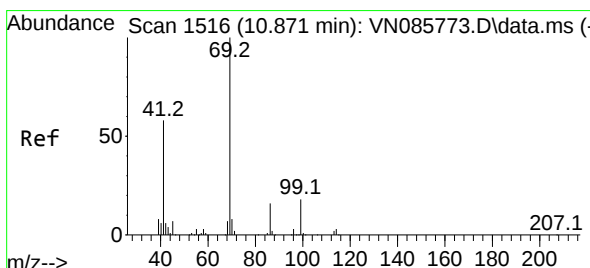
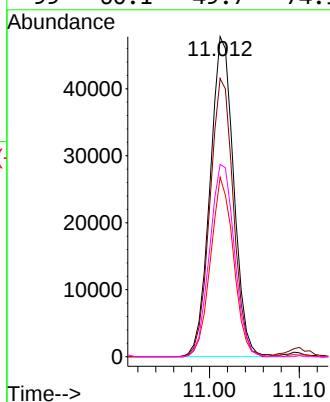
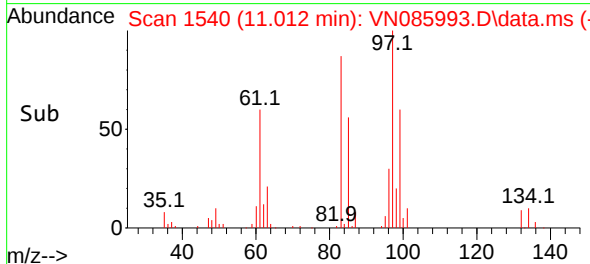
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



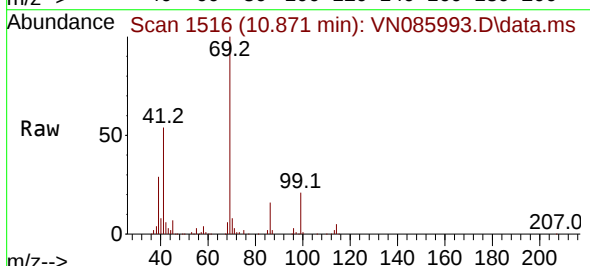
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	66.1	99.1
85	56.1	44.7	67.1
99	60.1	49.7	74.5

Manual Integrations
APPROVED

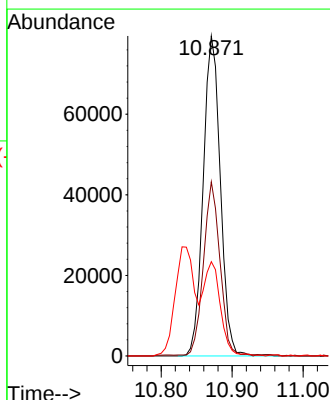
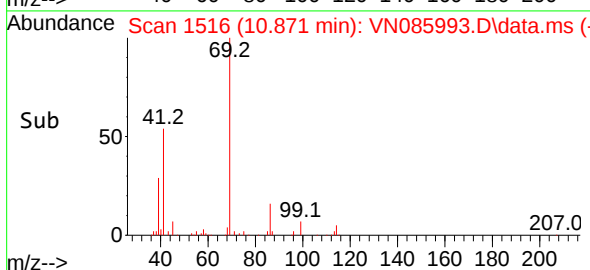
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

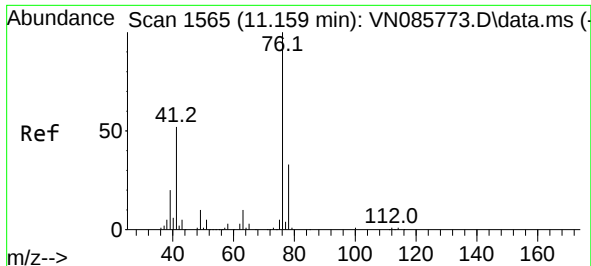


#56
Ethyl methacrylate
Concen: 49.200 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.5	46.0	69.0
39	28.9	22.0	33.0





#57

1,3-Dichloropropane

Concen: 47.508 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085993.D

Acq: 14 Mar 2025 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 150019

Ion Ratio Lower Upper

76 100

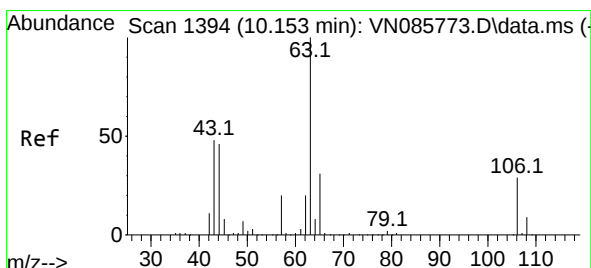
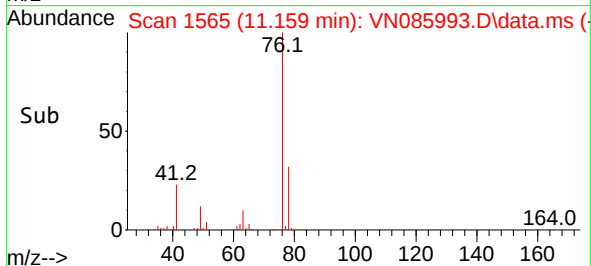
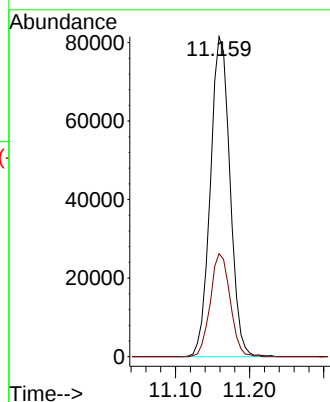
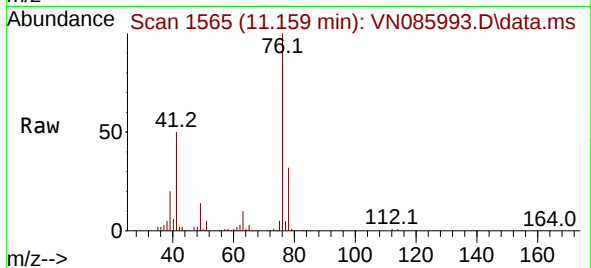
78 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#58

2-Chloroethyl Vinyl ether

Concen: 247.060 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085993.D

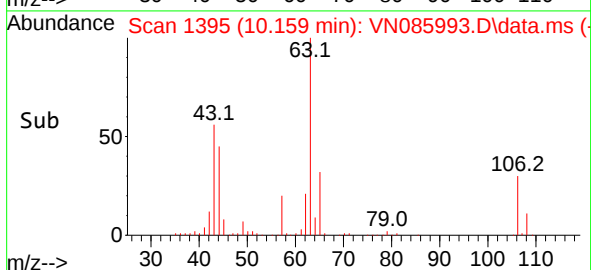
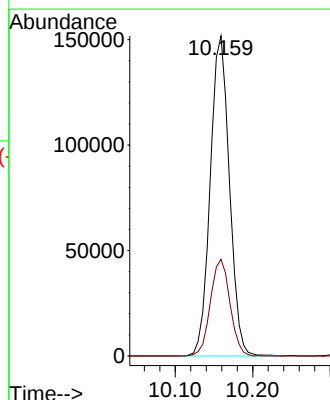
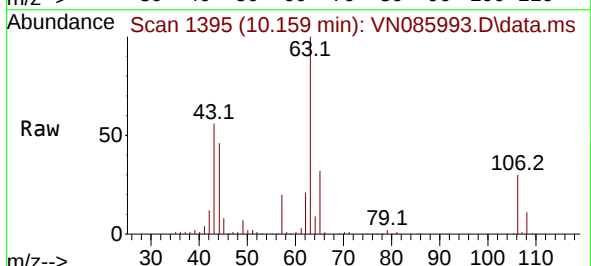
Acq: 14 Mar 2025 16:45

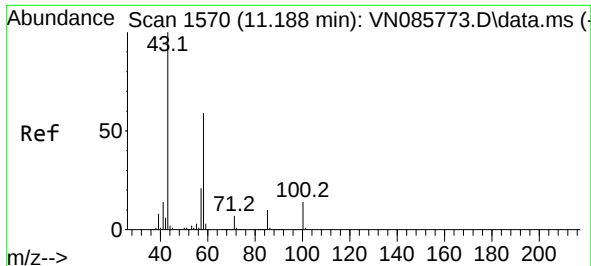
Tgt Ion: 63 Resp: 260575

Ion Ratio Lower Upper

63 100

106 30.8 22.7 34.1





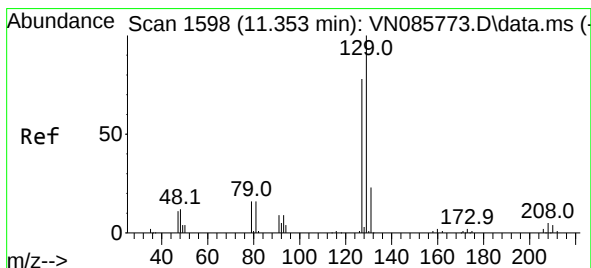
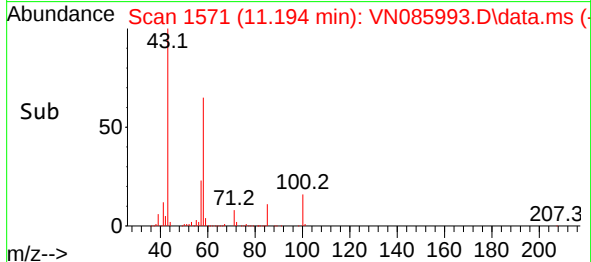
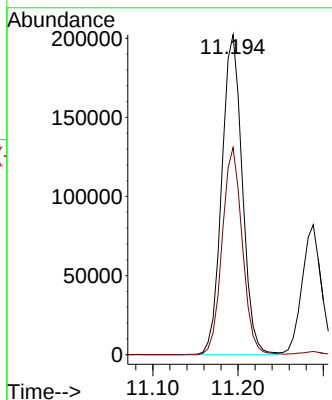
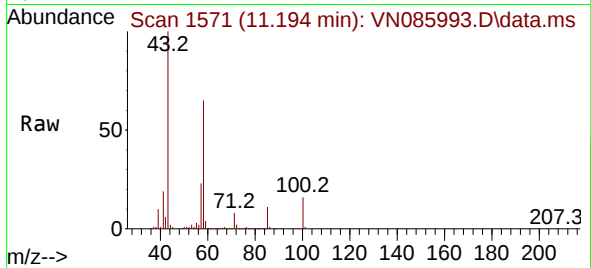
#59
2-Hexanone
Concen: 244.286 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 337664
Ion Ratio Lower Upper
43 100
58 63.4 29.8 89.5

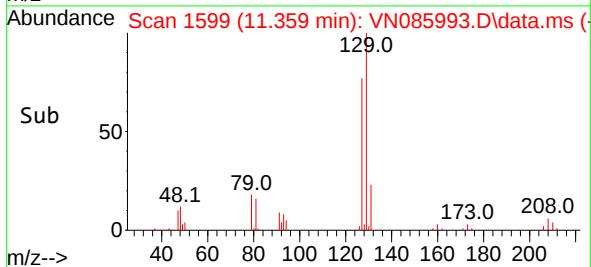
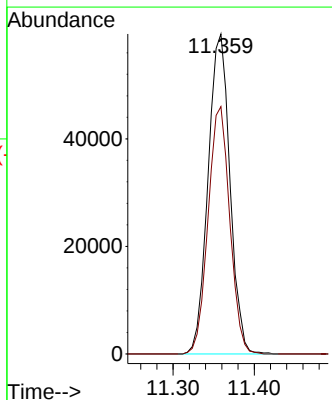
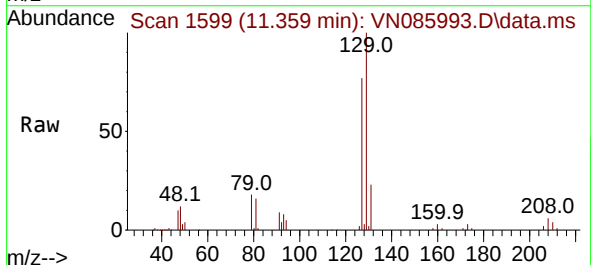
Manual Integrations
APPROVED

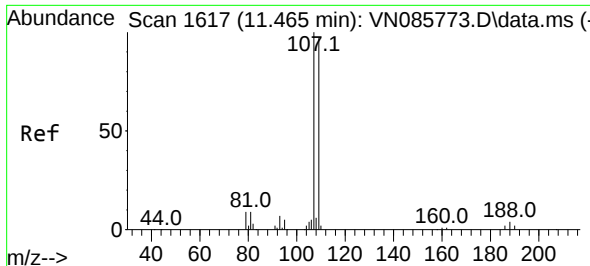
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#60
Dibromochloromethane
Concen: 50.504 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

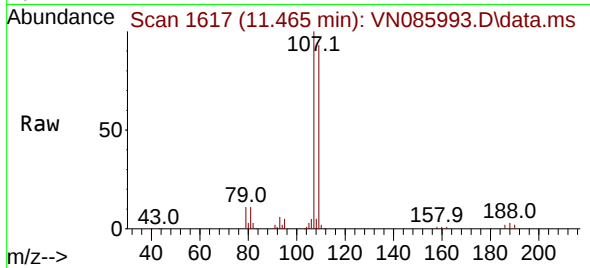
Tgt Ion:129 Resp: 111245
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.5





#61
1,2-Dibromoethane
Concen: 49.502 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

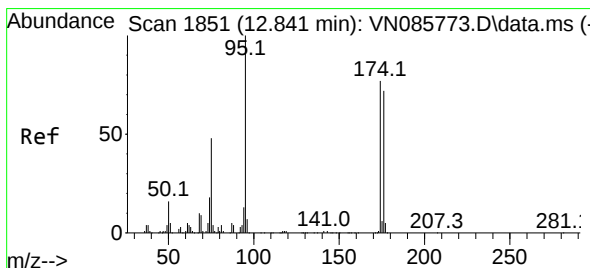
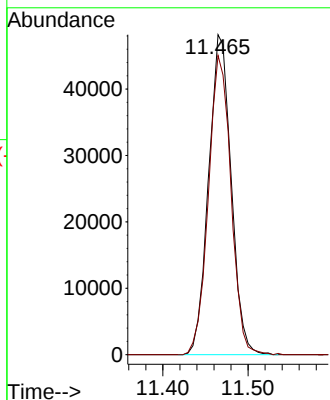
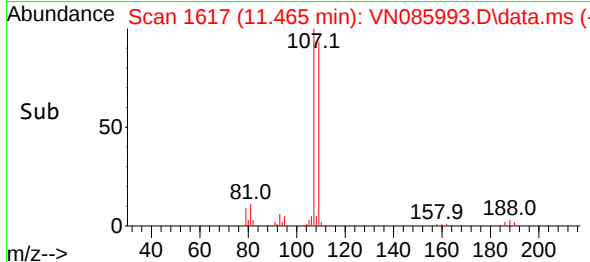
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



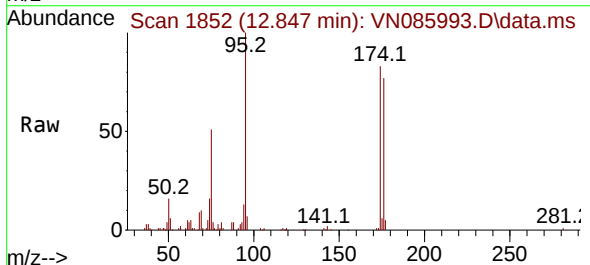
Tgt Ion:107 Resp: 88474
Ion Ratio Lower Upper
107 100
109 93.4 76.0 114.0

Manual Integrations
APPROVED

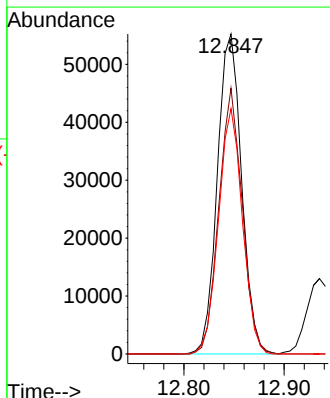
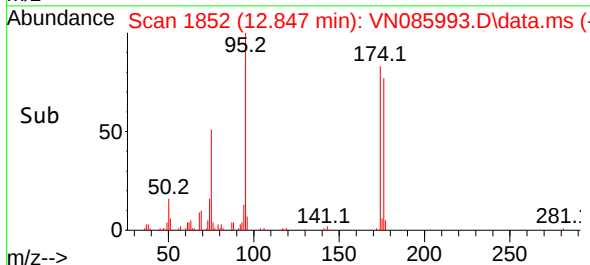
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

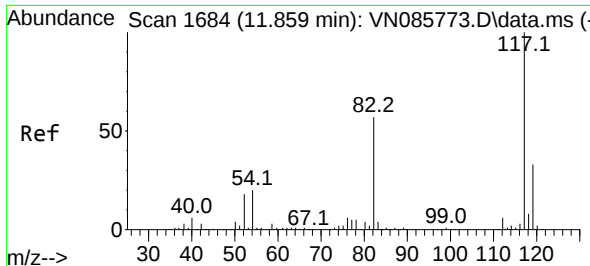


#62
4-Bromofluorobenzene
Concen: 43.217 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



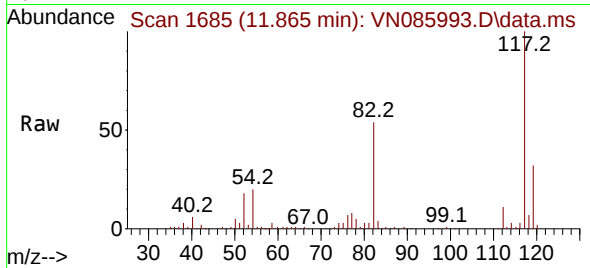
Tgt Ion: 95 Resp: 92696
Ion Ratio Lower Upper
95 100
174 80.1 0.0 152.4
176 75.6 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

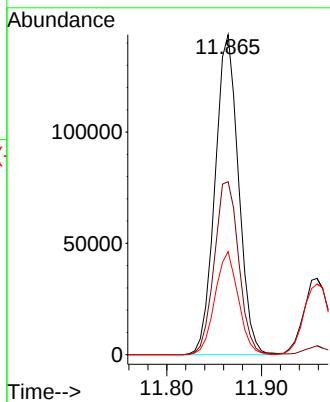
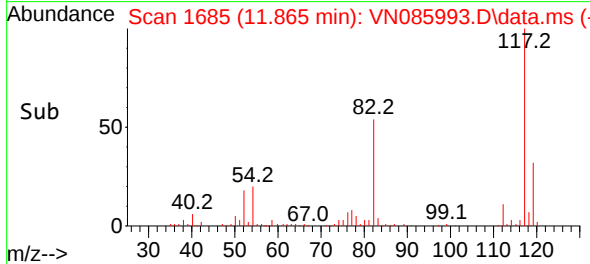
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



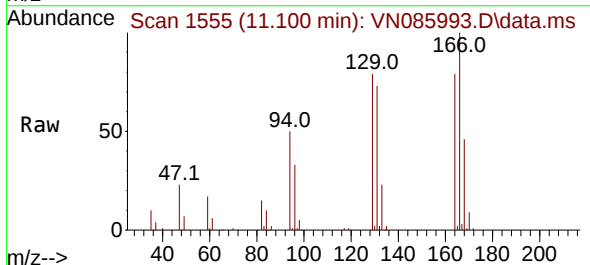
Tgt Ion:117 Resp: 248078
Ion Ratio Lower Upper
117 100
82 54.0 45.7 68.5
119 32.2 26.2 39.2

Manual Integrations
APPROVED

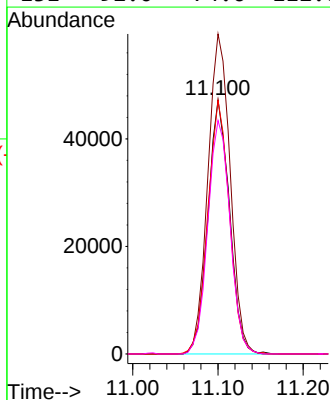
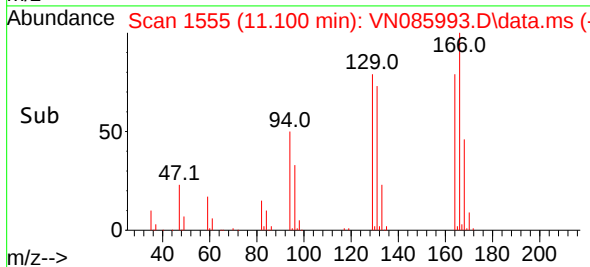
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

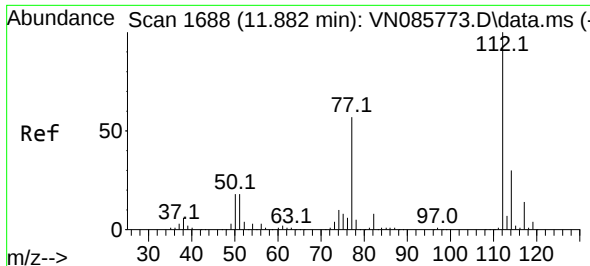


#64
Tetrachloroethene
Concen: 43.544 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



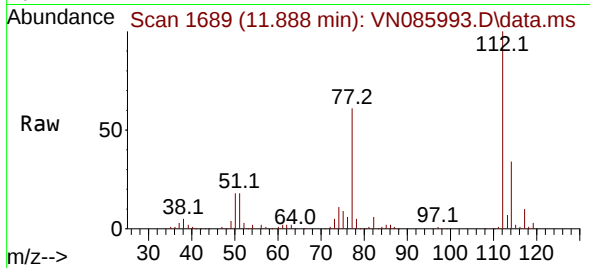
Tgt Ion:164 Resp: 83686
Ion Ratio Lower Upper
164 100
166 126.1 107.2 160.8
129 99.9 80.7 121.1
131 92.0 74.6 112.0





#65
Chlorobenzene
Concen: 45.207 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

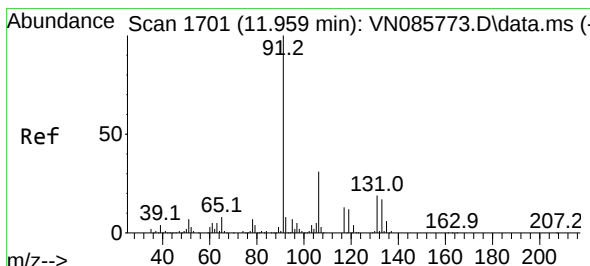
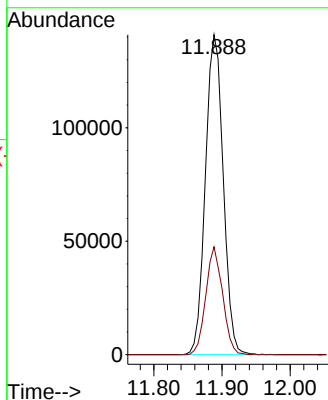
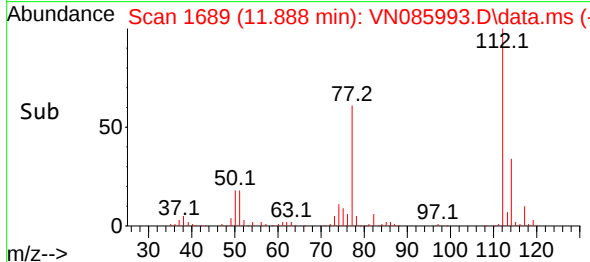
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



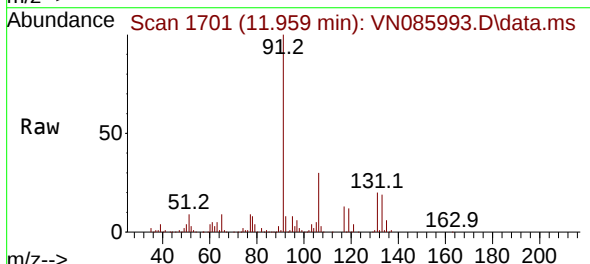
Tgt Ion:112 Resp: 25691
Ion Ratio Lower Upper
112 100
114 33.7 24.3 36.5

Manual Integrations
APPROVED

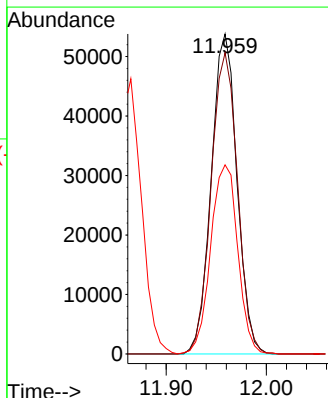
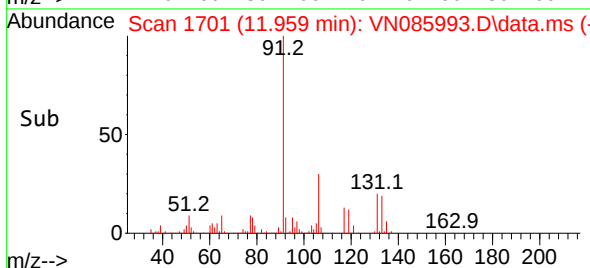
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

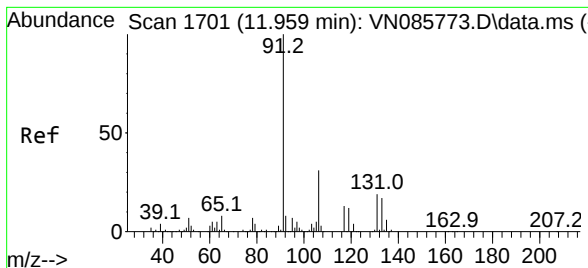


#66
1,1,1,2-Tetrachloroethane
Concen: 46.941 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



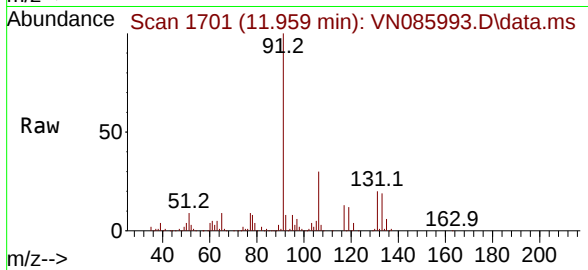
Tgt Ion:131 Resp: 95886
Ion Ratio Lower Upper
131 100
133 96.6 47.7 143.1
119 62.2 33.3 99.8





#67
Ethyl Benzene
Concen: 50.242 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

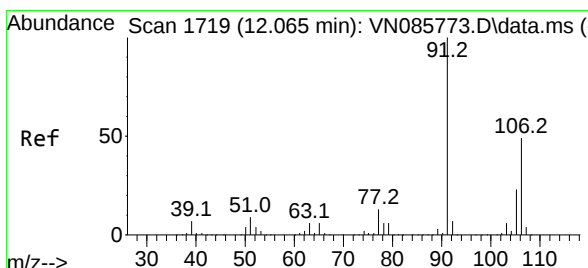
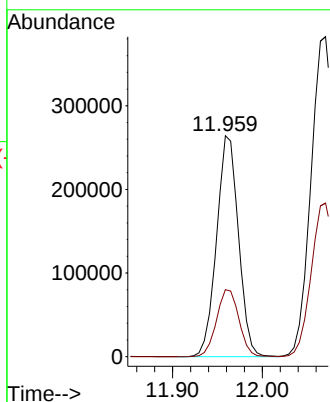
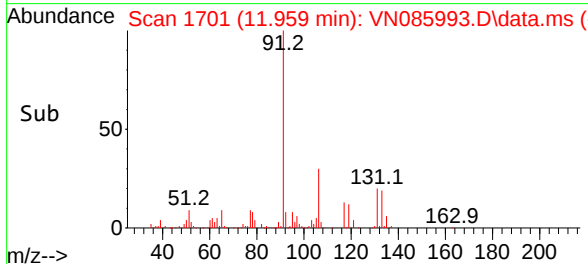
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



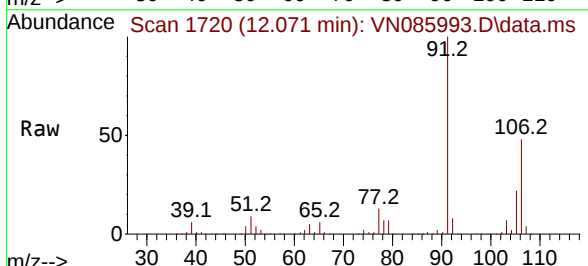
Tgt Ion: 91 Resp: 447268
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1

Manual Integrations
APPROVED

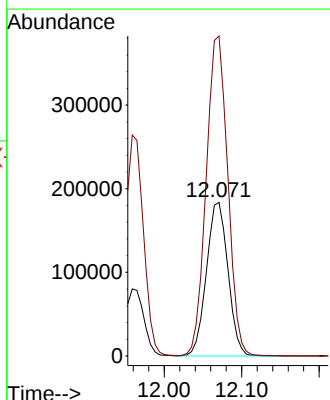
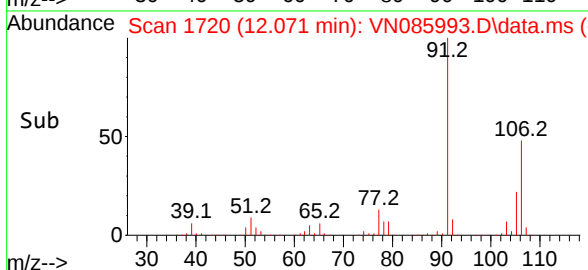
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#68
m/p-Xylenes
Concen: 104.906 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



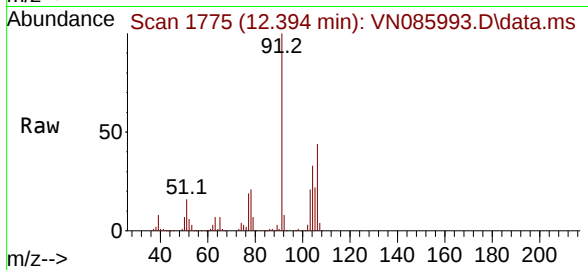
Tgt Ion:106 Resp: 354743
Ion Ratio Lower Upper
106 100
91 209.1 163.3 244.9





#69
o-Xylene
Concen: 52.649 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

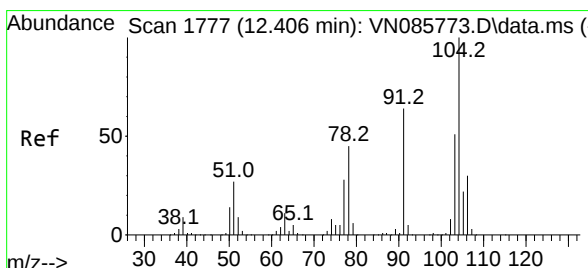
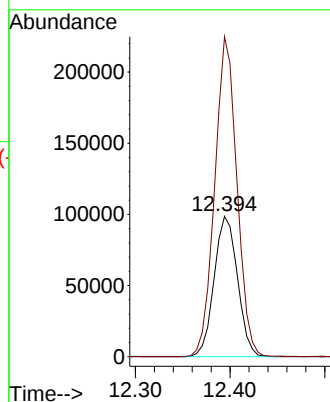
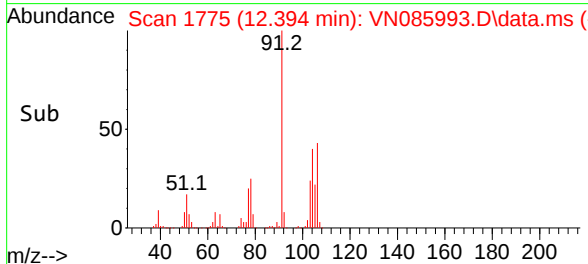
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



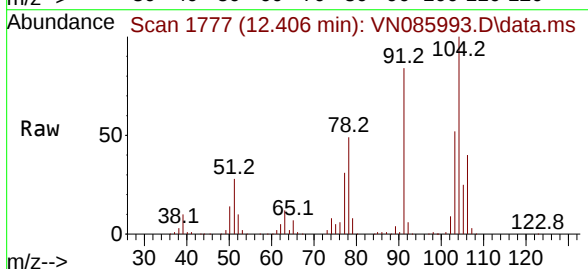
Tgt Ion:106 Resp: 169179
Ion Ratio Lower Upper
106 100
91 217.0 107.1 321.4

Manual Integrations
APPROVED

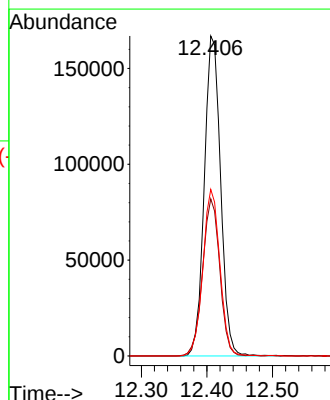
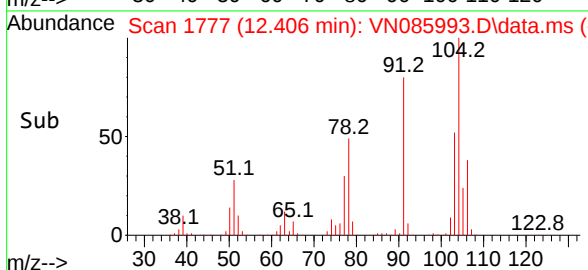
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

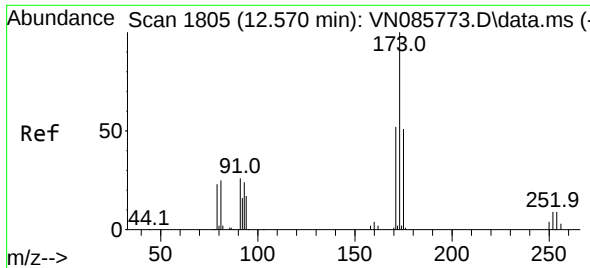


#70
Styrene
Concen: 48.607 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



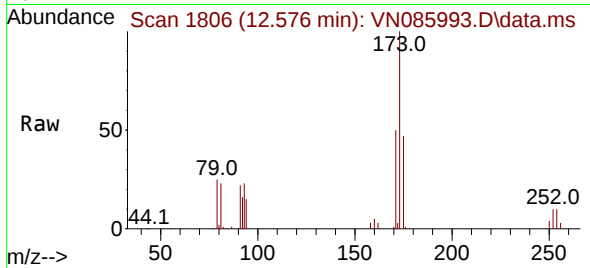
Tgt Ion:104 Resp: 289792
Ion Ratio Lower Upper
104 100
78 51.5 39.0 58.6
103 54.1 43.3 64.9





#71
Bromoform
Concen: 51.711 ug/l
RT: 12.576 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

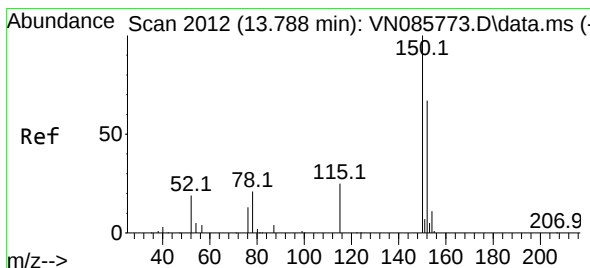
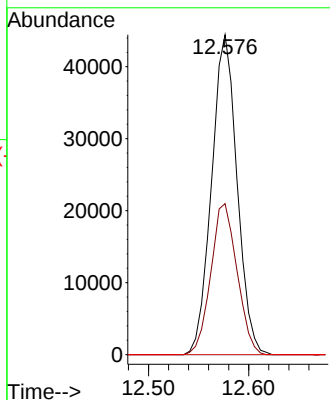
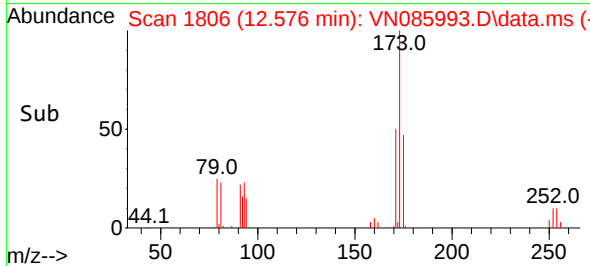
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



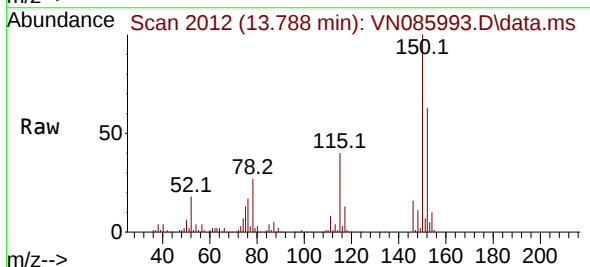
Tgt Ion:173 Resp: 78490
Ion Ratio Lower Upper
173 100
175 48.6 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

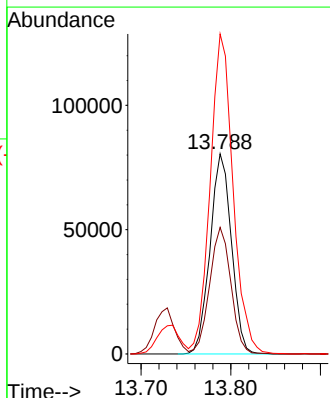
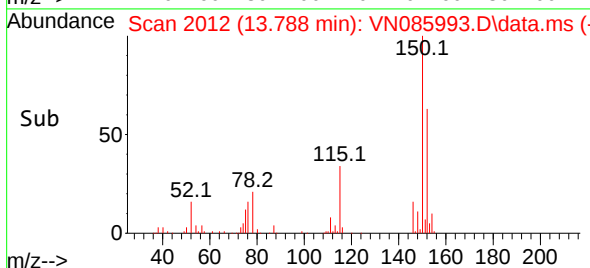
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

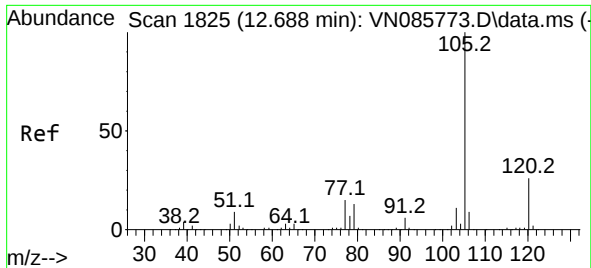


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



Tgt Ion:152 Resp: 133054
Ion Ratio Lower Upper
152 100
115 63.1 30.4 91.3
150 171.2 0.0 345.4





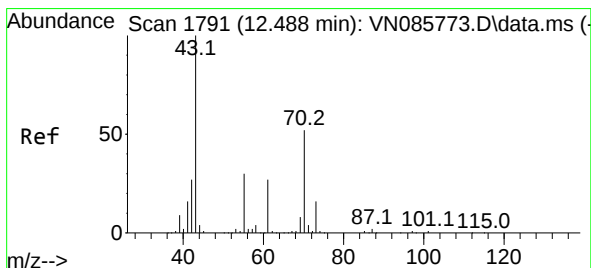
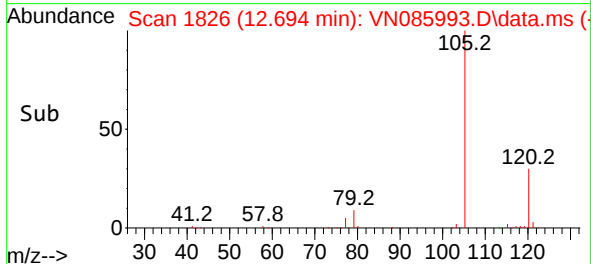
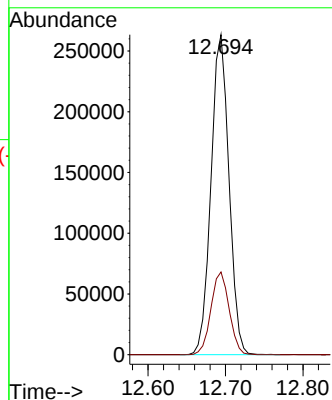
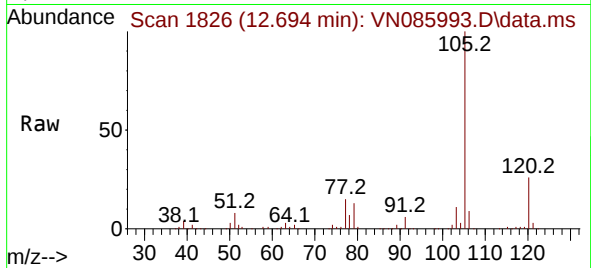
#73
Isopropylbenzene
Concen: 46.522 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 424070
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0

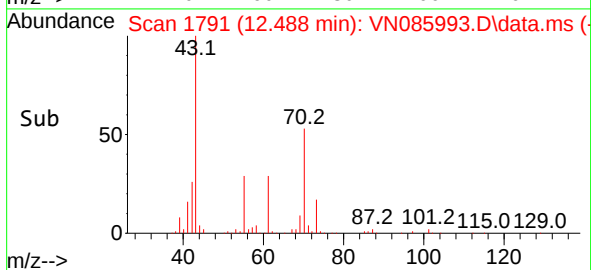
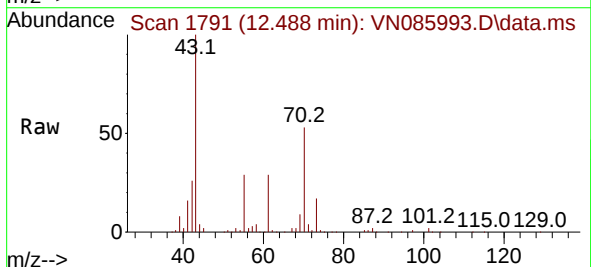
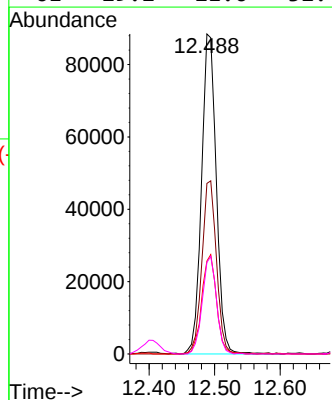
Manual Integrations
APPROVED

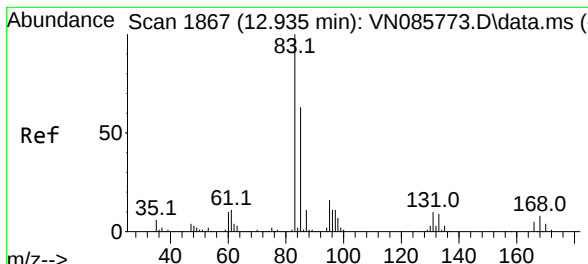
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#74
N-ethyl acetate
Concen: 43.231 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

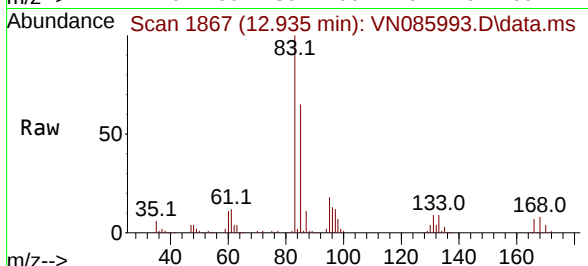
Tgt Ion: 43 Resp: 138967
Ion Ratio Lower Upper
43 100
70 53.4 41.0 61.4
55 31.0 24.6 36.8
61 29.2 21.6 32.4





#75
 1,1,2,2-Tetrachloroethane
 Concen: 39.559 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085993.D
 Acq: 14 Mar 2025 16:45

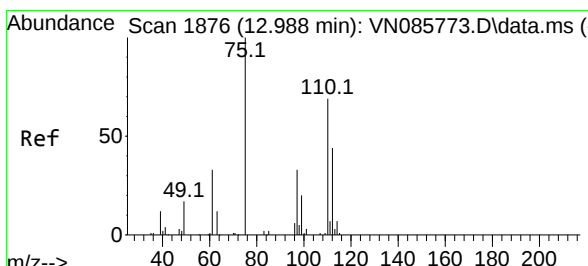
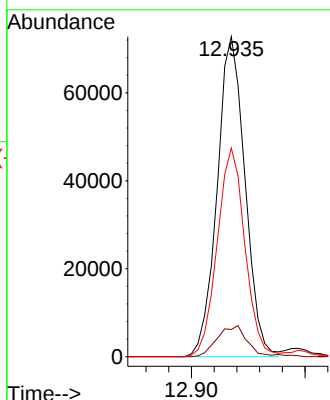
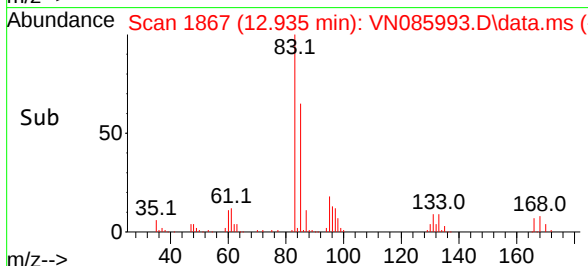
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



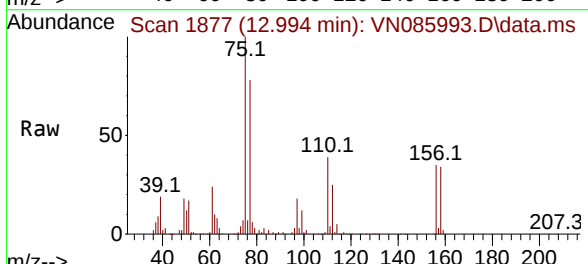
Tgt Ion: 83 Resp: 124080
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.0 15.0
 85 64.7 32.2 96.6

Manual Integrations
 APPROVED

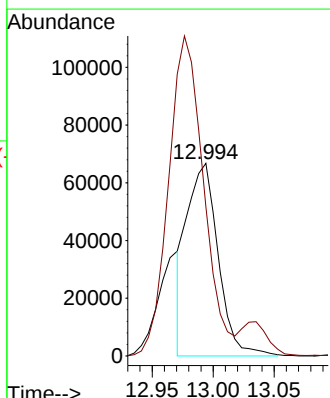
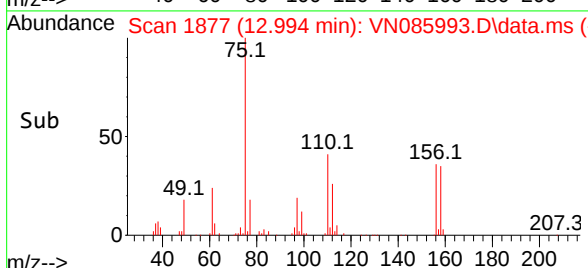
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

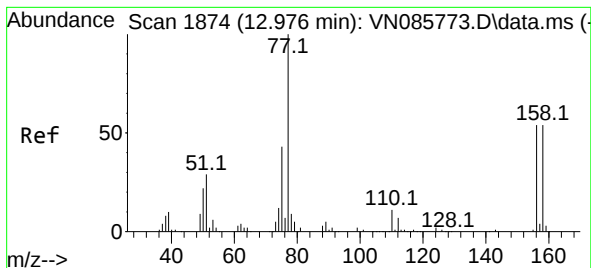


#76
 1,2,3-Trichloropropane
 Concen: 40.508 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN085993.D
 Acq: 14 Mar 2025 16:45



Tgt Ion: 75 Resp: 119724
 Ion Ratio Lower Upper
 75 100
 77 184.9 100.0 300.0





#77

Bromobenzene

Concen: 43.545 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085993.D

Acq: 14 Mar 2025 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

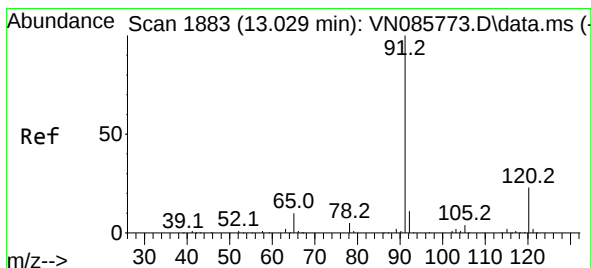
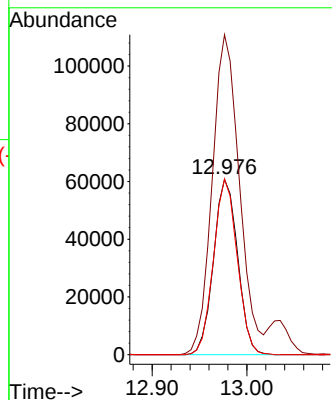
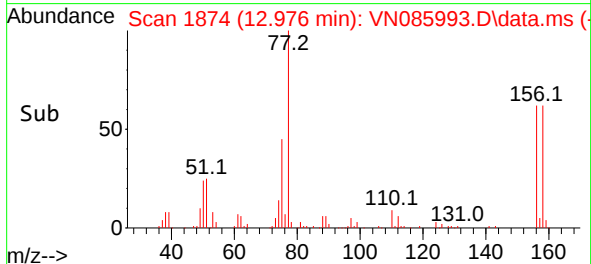
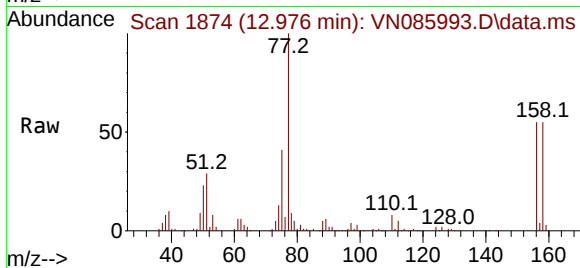
Tgt Ion:156 Resp: 107239
 Ion Ratio Lower Upper
 156 100
 77 206.4 104.1 312.3
 158 98.7 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#78

n-propylbenzene

Concen: 47.508 ug/l

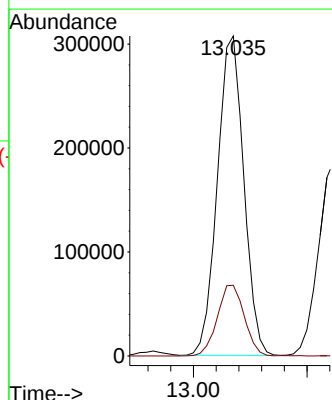
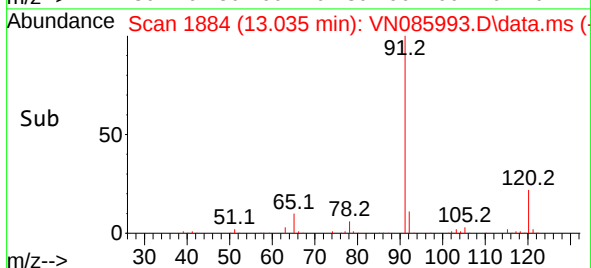
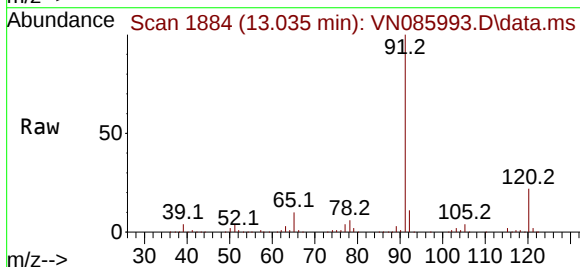
RT: 13.035 min Scan# 1884

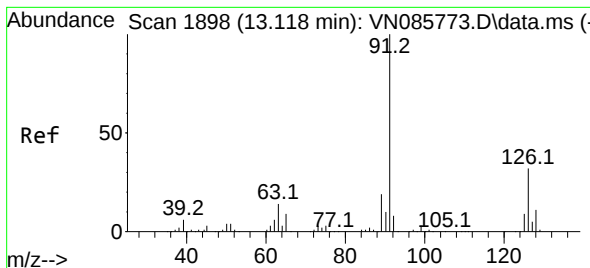
Delta R.T. 0.006 min

Lab File: VN085993.D

Acq: 14 Mar 2025 16:45

Tgt Ion: 91 Resp: 495957
 Ion Ratio Lower Upper
 91 100
 120 22.7 11.3 33.8





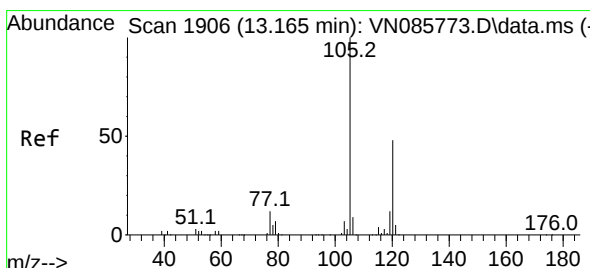
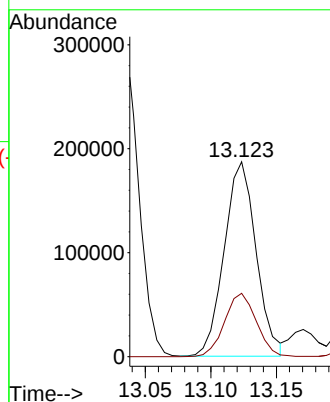
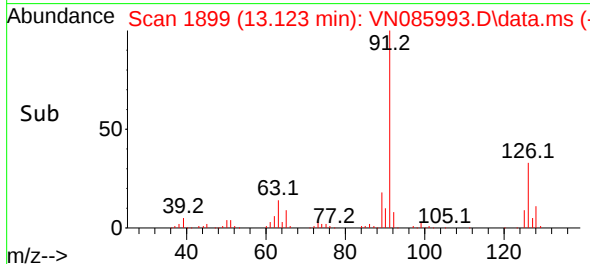
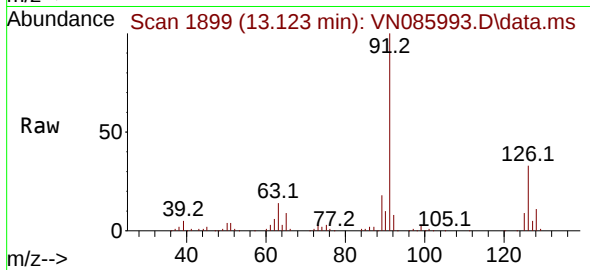
#79
2-Chlorotoluene
Concen: 45.394 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 31662
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.1

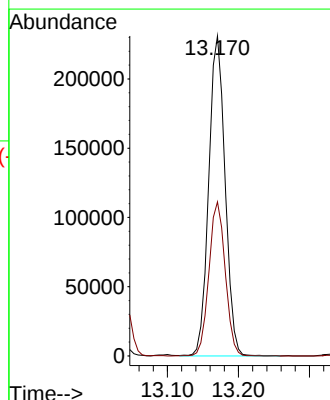
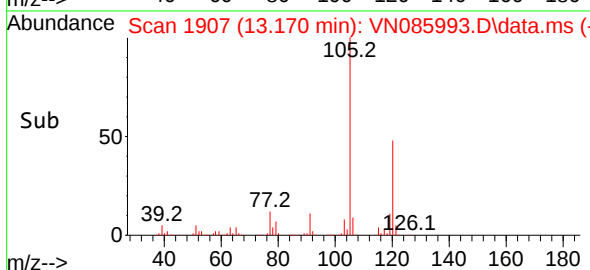
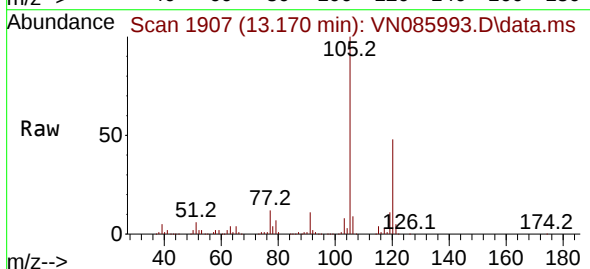
Manual Integrations
APPROVED

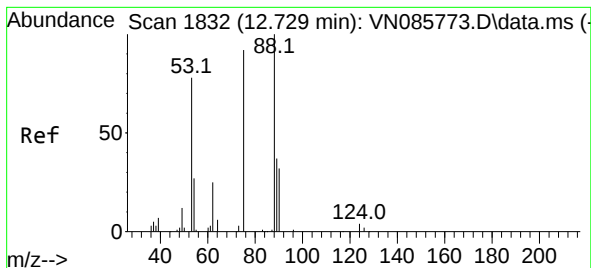
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.792 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

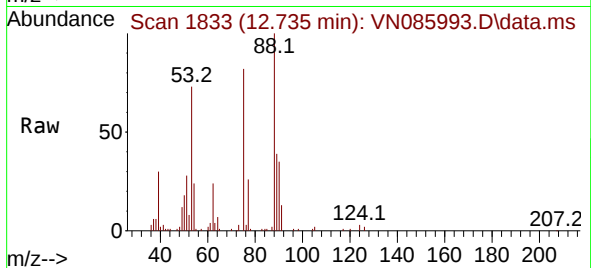
Tgt Ion:105 Resp: 369726
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 42.634 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

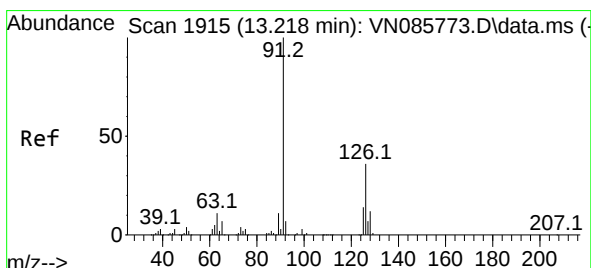
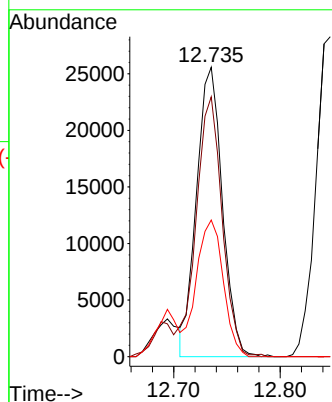
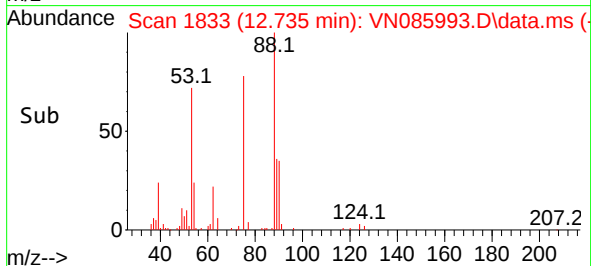
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4318
Ion Ratio Lower Upper
75 100
53 90.8 74.2 111.4
89 49.3 34.9 52.3

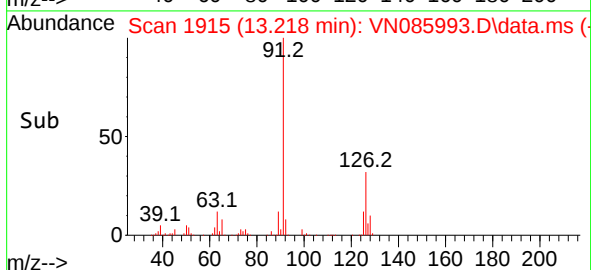
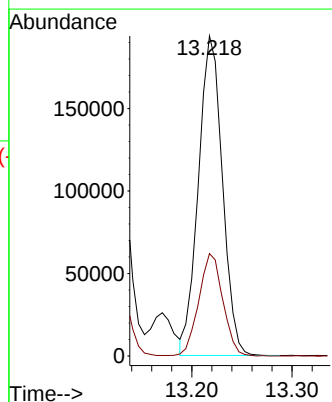
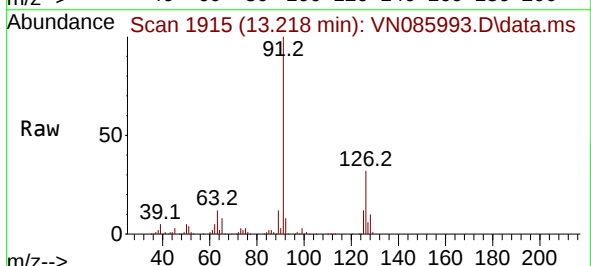
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#82
4-Chlorotoluene
Concen: 46.650 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

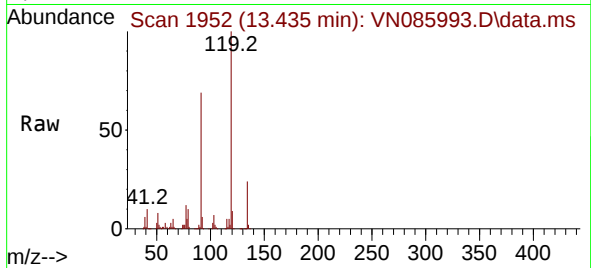
Tgt Ion: 91 Resp: 322574
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 48.520 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085993.D
 Acq: 14 Mar 2025 16:45

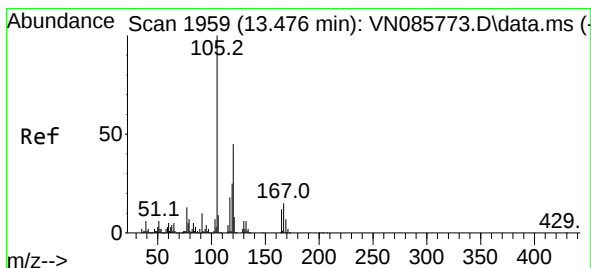
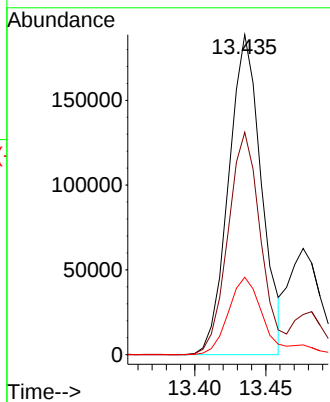
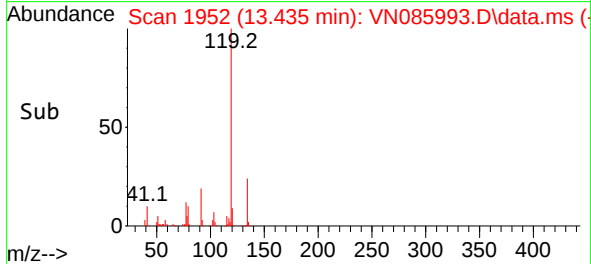
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



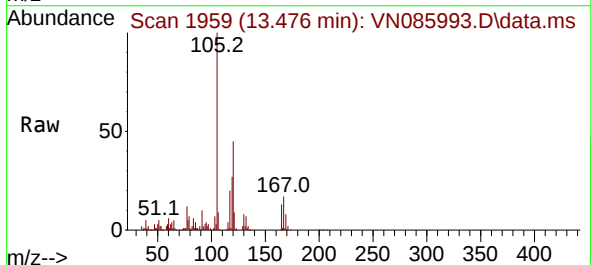
Tgt Ion:119 Resp: 30296
 Ion Ratio Lower Upper
 119 100
 91 69.8 32.5 97.5
 134 27.0 13.3 39.9

Manual Integrations
 APPROVED

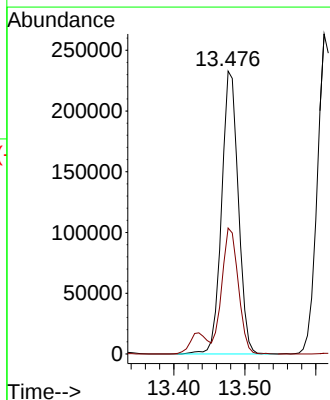
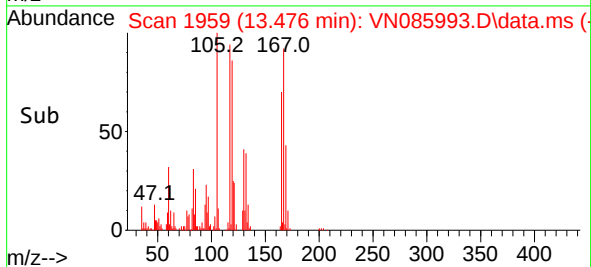
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 51.413 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN085993.D
 Acq: 14 Mar 2025 16:45



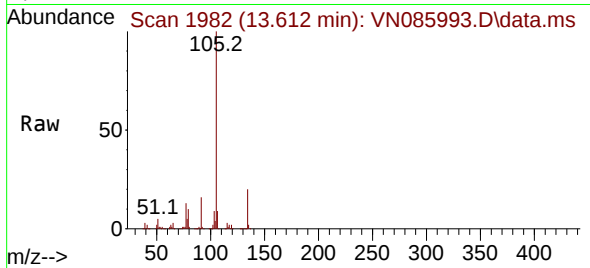
Tgt Ion:105 Resp: 377701
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 46.910 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085993.D
 Acq: 14 Mar 2025 16:45

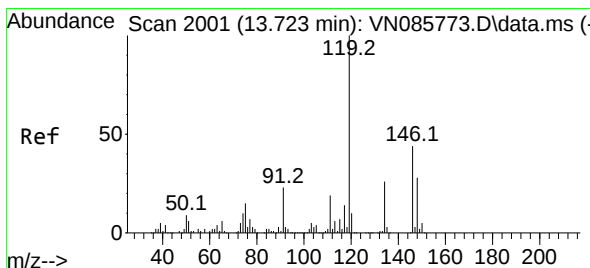
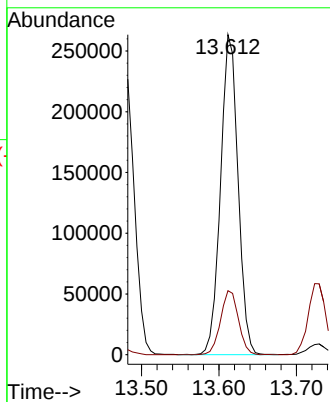
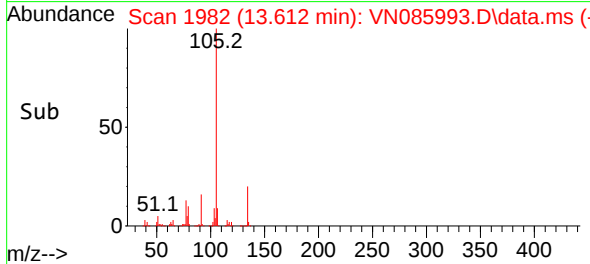
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



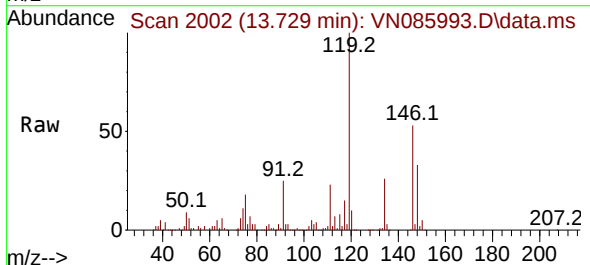
Tgt Ion:105 Resp: 41385
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.4

Manual Integrations
 APPROVED

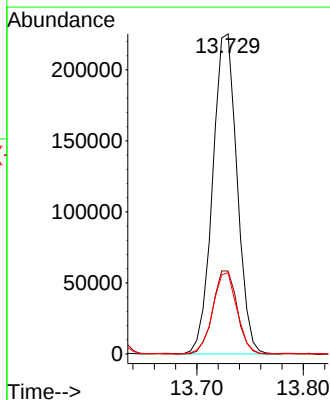
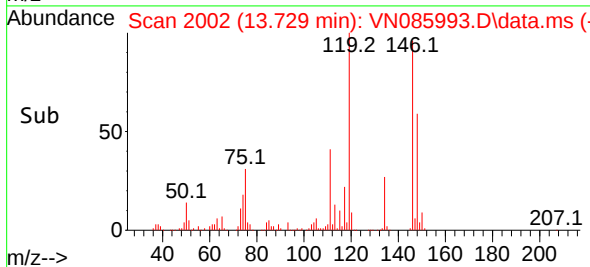
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

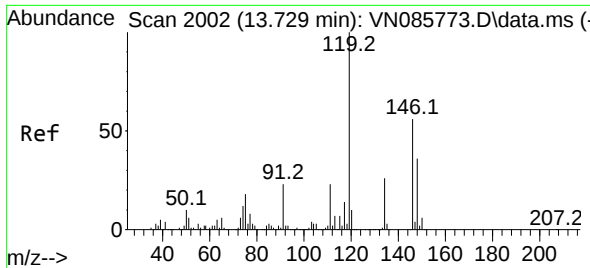


#86
 p-Isopropyltoluene
 Concen: 44.790 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085993.D
 Acq: 14 Mar 2025 16:45



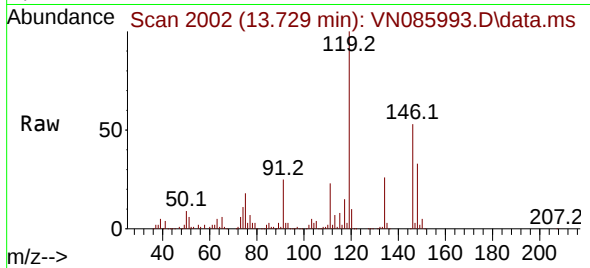
Tgt Ion:119 Resp: 358551
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 24.9 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 43.742 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

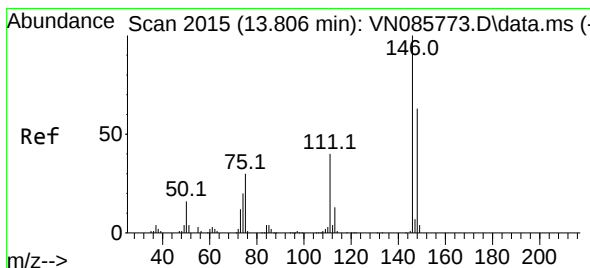
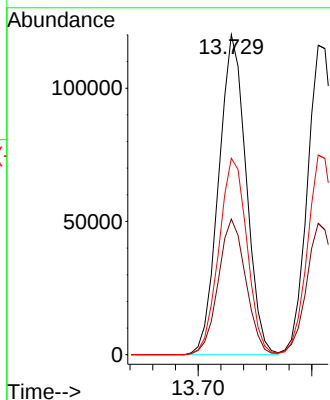
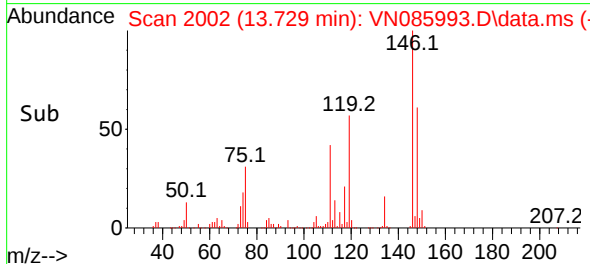
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



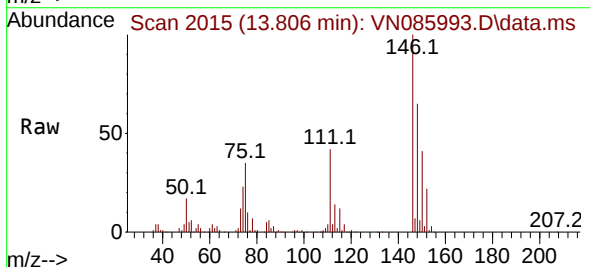
Tgt Ion:146 Resp: 201820
Ion Ratio Lower Upper
146 100
111 42.5 21.1 63.3
148 62.8 32.1 96.5

Manual Integrations
APPROVED

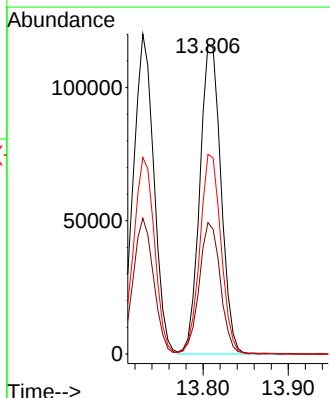
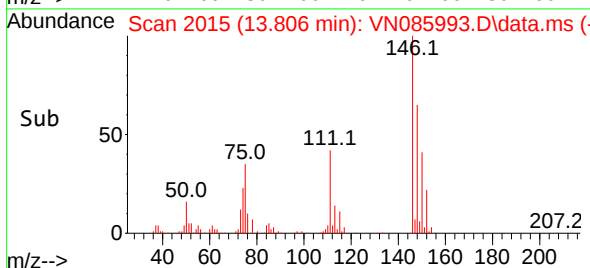
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

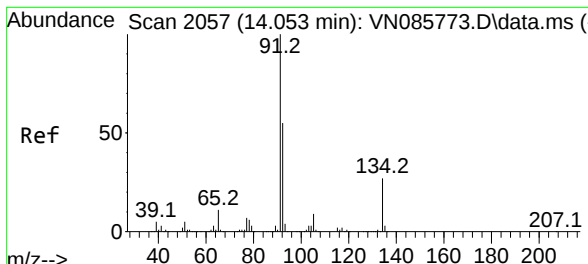


#88
1,4-Dichlorobenzene
Concen: 42.412 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



Tgt Ion:146 Resp: 200569
Ion Ratio Lower Upper
146 100
111 42.4 20.4 61.3
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 44.671 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

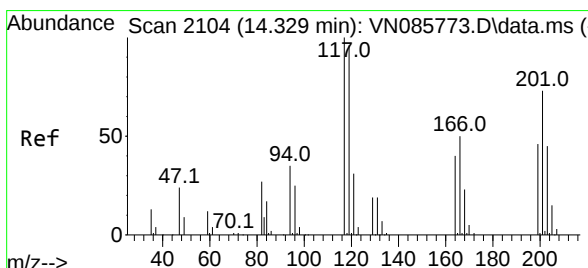
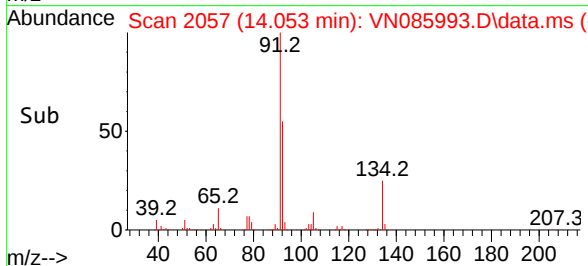
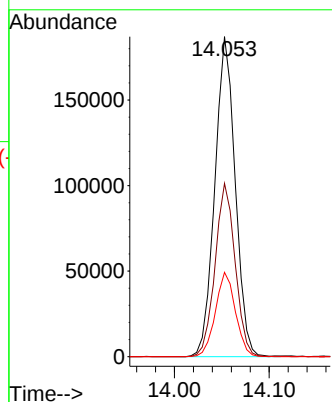
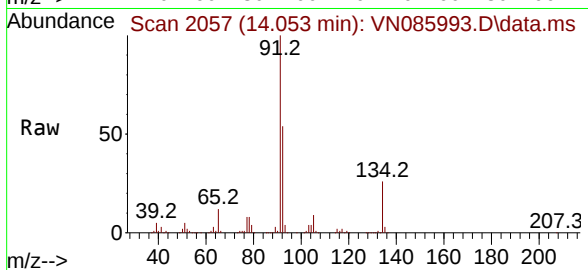
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 27980

Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.1	81.3
134	25.9	12.7	38.1

Manual Integrations
APPROVED

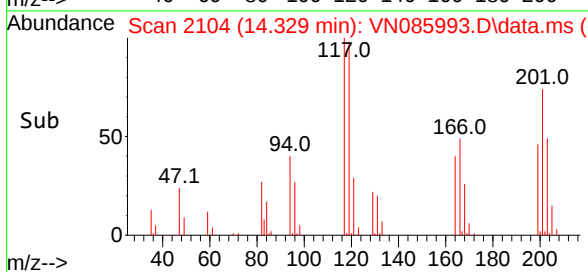
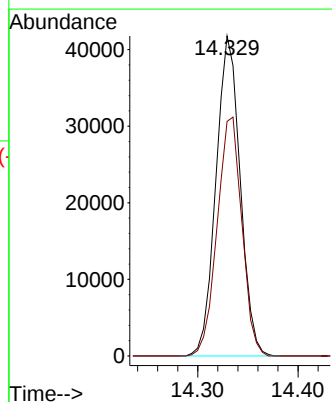
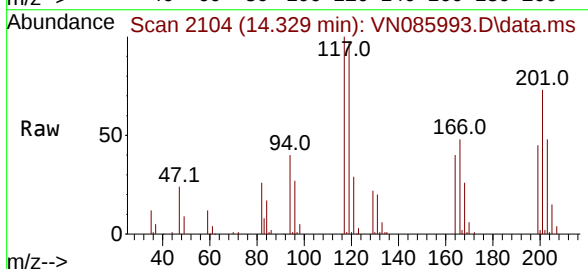
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

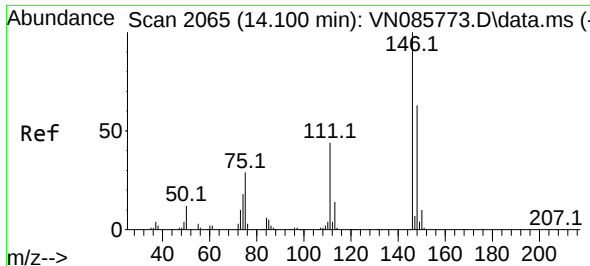


#90
Hexachloroethane
Concen: 41.909 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

Tgt Ion:117 Resp: 70023

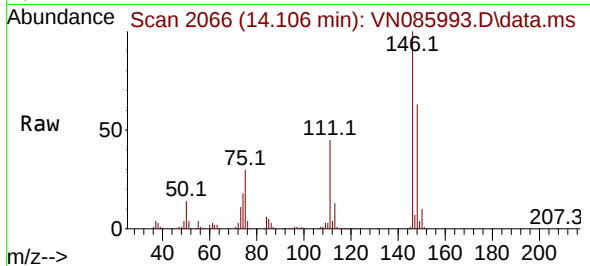
Ion	Ratio	Lower	Upper
117	100		
201	76.1	35.6	106.9





#91
1,2-Dichlorobenzene
Concen: 44.015 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

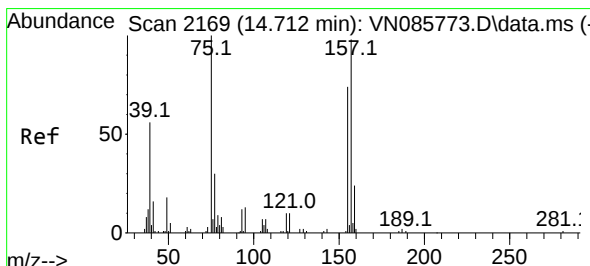
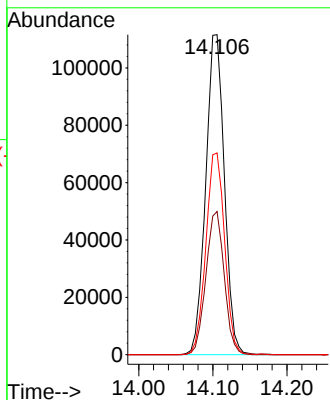
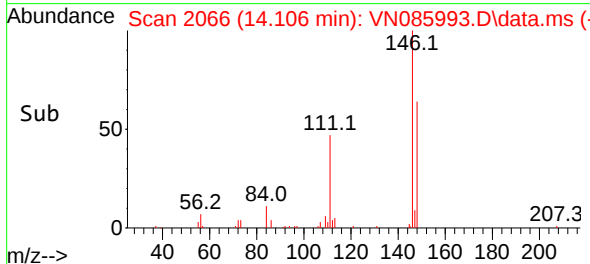
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



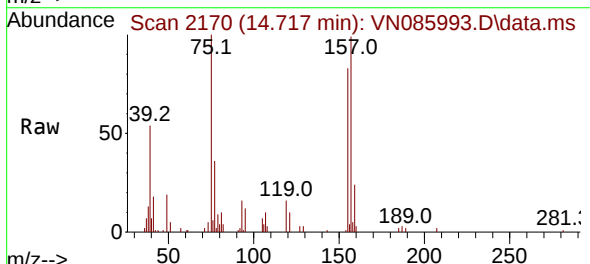
Tgt Ion:146 Resp: 195290
Ion Ratio Lower Upper
146 100
111 44.0 21.4 64.3
148 63.4 32.0 96.2

Manual Integrations
APPROVED

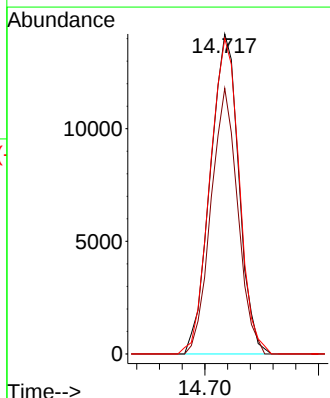
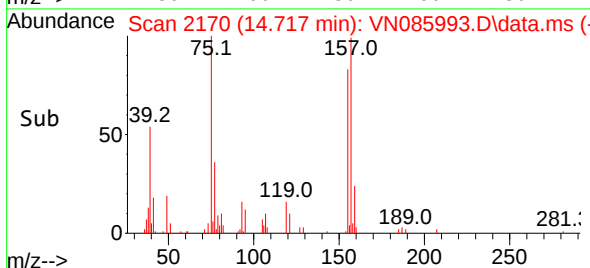
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.033 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



Tgt Ion: 75 Resp: 24787
Ion Ratio Lower Upper
75 100
155 78.1 39.9 119.6
157 100.6 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 44.768 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085993.D

Acq: 14 Mar 2025 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

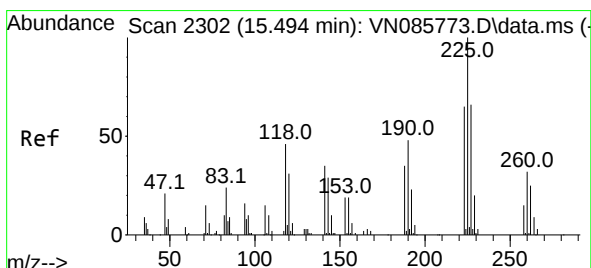
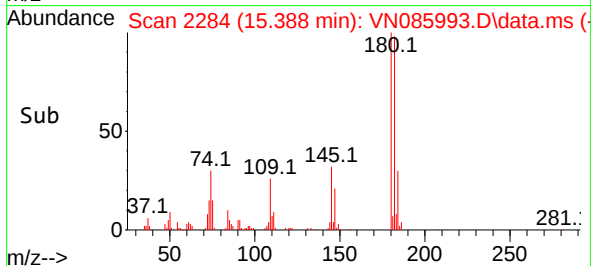
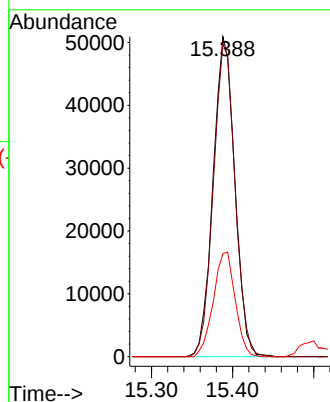
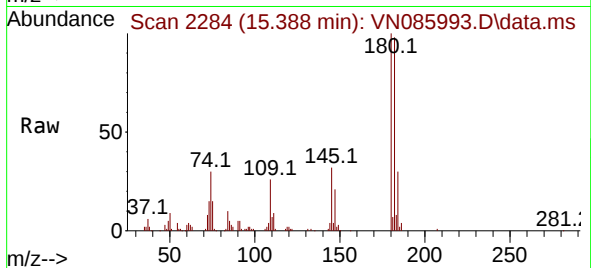
Tgt Ion:180	Resp:	9464
Ion Ratio	Lower	Upper
180	100	
182	97.7	47.3 141.9
145	32.8	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#94

Hexachlorobutadiene

Concen: 39.523 ug/l

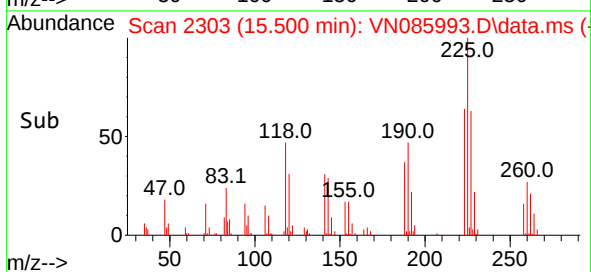
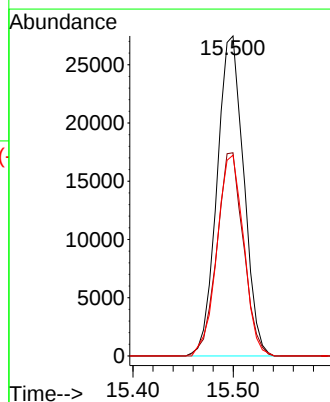
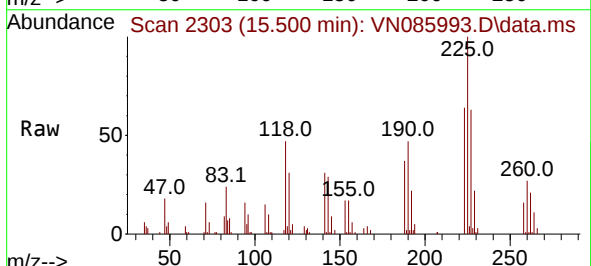
RT: 15.500 min Scan# 2303

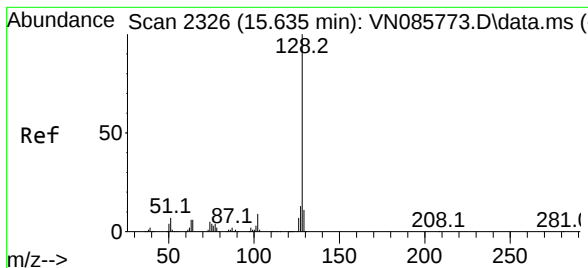
Delta R.T. 0.006 min

Lab File: VN085993.D

Acq: 14 Mar 2025 16:45

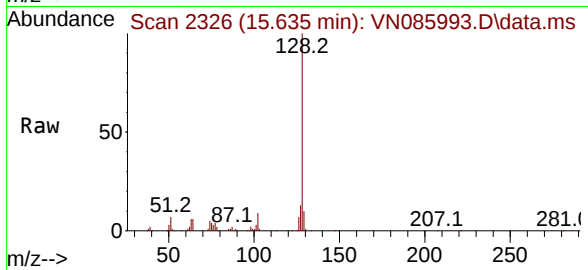
Tgt Ion:225	Resp:	50783
Ion Ratio	Lower	Upper
225	100	
223	63.1	31.9 95.5
227	62.7	32.2 96.6





#95
Naphthalene
Concen: 46.992 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45

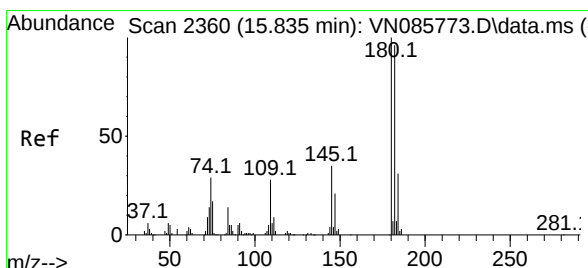
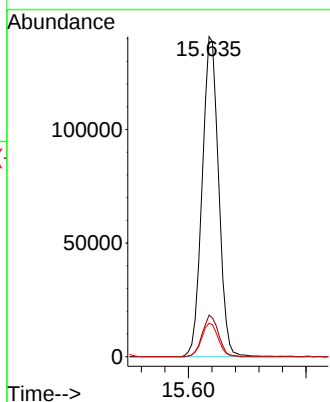
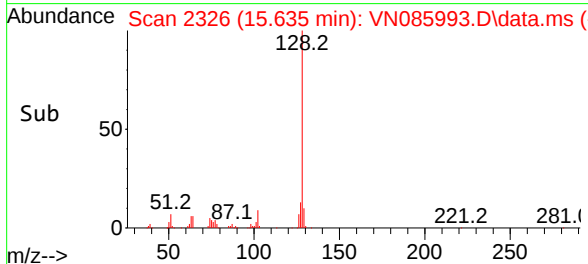
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



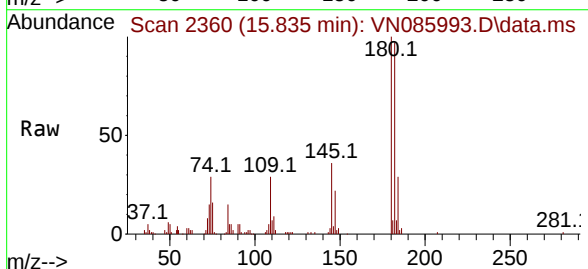
Tgt Ion:128 Resp: 27276
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 43.884 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085993.D
Acq: 14 Mar 2025 16:45



Tgt Ion:180 Resp: 93144
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.8
145 35.1 16.9 50.6

