

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085239.D
 Acq On : 17 Dec 2024 21:11
 Operator : JC\MD
 Sample : P5291-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 00:42:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	159121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111275	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108814	48.008	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.020%
35) Dibromofluoromethane	8.165	113	87410	47.502	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.000%
50) Toluene-d8	10.565	98	324349	49.184	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.847	95	129938	52.688	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.380%

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	1093	0.524	ug/l #	40
6) Chloroethane	3.118	64	378	0.299	ug/l #	44
11) Tert butyl alcohol	5.536	59	1428	4.715	ug/l #	75
13) Acrolein	4.153	56	3121	15.442	ug/l #	1
14) Allyl chloride	5.159	41	4574	1.607	ug/l #	6
15) Acrylonitrile	5.794	53	3277	3.822	ug/l #	34
16) Acetone	4.430	43	9731	14.741	ug/l #	66
19) Methyl tert-butyl Ether	5.794	73	49926	9.048	ug/l #	1
25) 2-Butanone	7.488	43	1382	1.281	ug/l #	89
30) Chloroform	7.941	83	3217	0.882	ug/l #	54
31) Cyclohexane	8.253	56	44310	14.676	ug/l #	89
36) 1,1-Dichloropropene	8.224	75	13275	5.326	ug/l #	52
37) Ethyl Acetate	7.488	43	1382	0.610	ug/l #	67
38) Carbon Tetrachloride	8.224	117	16994	5.907	ug/l #	14
39) Methylcyclohexane	9.600	83	62009	23.941	ug/l	95
40) Benzene	8.606	78	2355359	298.781	ug/l	100
41) Methacrylonitrile	7.841	41	519	0.414	ug/l #	20
42) 1,2-Dichloroethane	8.606	62	20716	7.681	ug/l	86
43) Isopropyl Acetate	8.700	43	15183	3.226	ug/l #	55
45) 1,2-Dichloropropane	9.612	63	669	0.345	ug/l	89
47) Bromodichloromethane	9.871	83	2695	0.942	ug/l #	26
48) Methyl methacrylate	9.594	41	40758	23.271	ug/l #	72
51) 4-Methyl-2-Pentanone	10.406	43	17288	8.042	ug/l #	36
52) Toluene	10.629	92	314307	67.349	ug/l	99
53) t-1,3-Dichloropropene	10.624	75	3866	1.349	ug/l #	1
55) 1,1,2-Trichloroethane	11.000	97	13954	8.027	ug/l #	20
56) Ethyl methacrylate	10.853	69	748	0.294	ug/l #	27
58) 2-Chloroethyl Vinyl ether	10.165	63	256	0.205	ug/l #	46
59) 2-Hexanone	11.241	43	865	0.538	ug/l	82
67) Ethyl Benzene	11.965	91	1075242	119.012	ug/l	99
68) m/p-Xylenes	12.071	106	1023363	297.515	ug/l	99
69) o-Xylene	12.394	106	328714	100.463	ug/l	99
70) Styrene	12.400	104	16894	3.105	ug/l #	1
71) Bromoform	12.847	173	393	0.270	ug/l #	1
73) Isopropylbenzene	12.694	105	45063	5.740	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	622	0.232	ug/l #	26

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

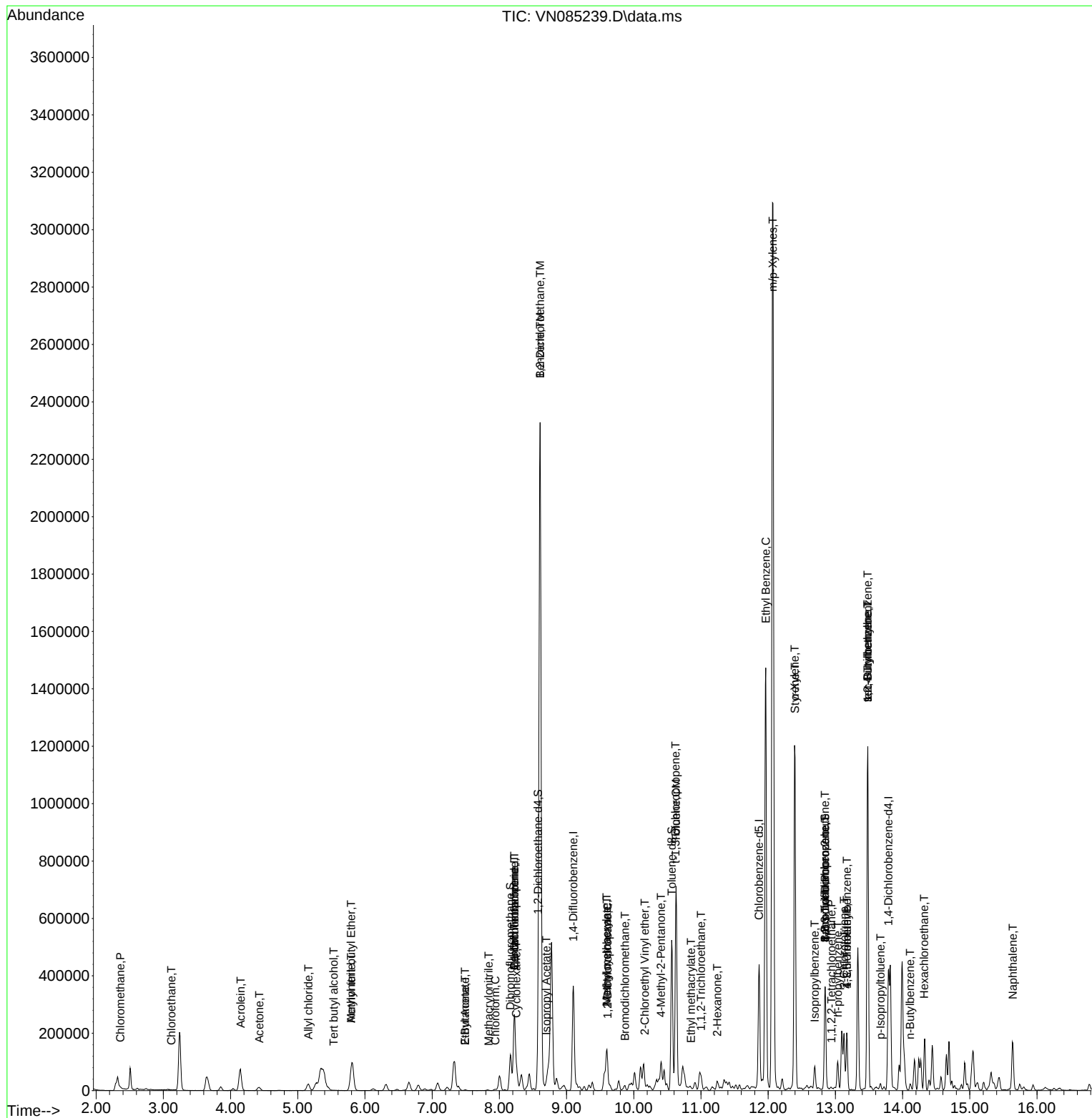
76) 1,2,3-Trichloropropane	12.847	75	68139	33.665	ug/l #	1
78) n-propylbenzene	13.035	91	73521	8.120	ug/l	99
79) 2-Chlorotoluene	13.129	91	14803	2.449	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.170	105	100779	15.299	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.847	75	68139	74.319	ug/l #	10
82) 4-Chlorotoluene	13.170	91	11330	1.801	ug/l #	42
83) tert-Butylbenzene	13.482	119	82884	14.624	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.482	105	690950	101.901	ug/l	100
85) sec-Butylbenzene	13.482	105	690950	90.246	ug/l #	57
86) p-Isopropyltoluene	13.670	119	10866	1.719	ug/l	99
89) n-Butylbenzene	14.112	91	2601	0.443	ug/l #	1
90) Hexachloroethane	14.323	117	9552	6.933	ug/l #	14
95) Naphthalene	15.641	128	159783	25.863	ug/l	100

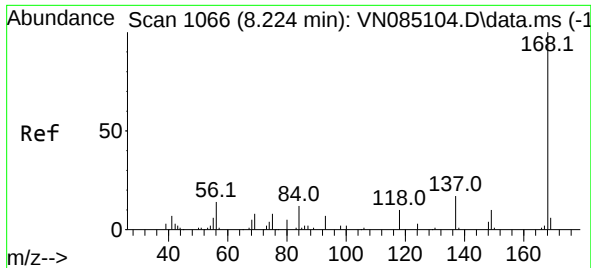
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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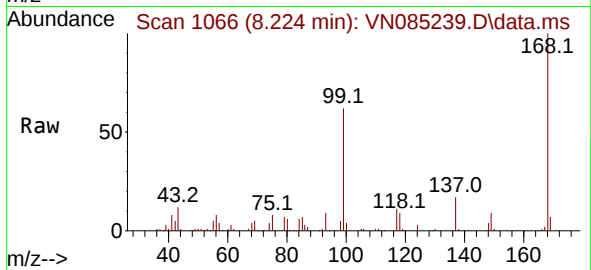
Quant Time: Dec 18 00:42:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
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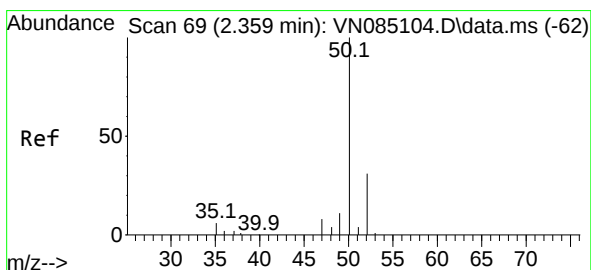
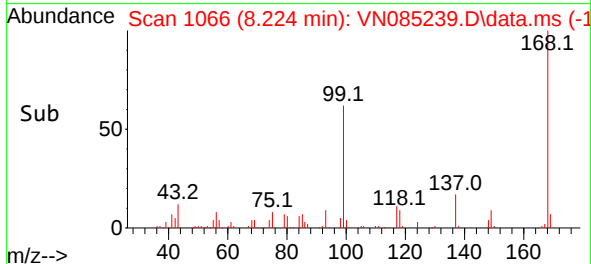
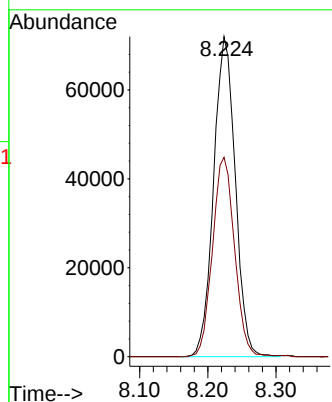


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Instrument :
MSVOA_N
ClientSampleId :

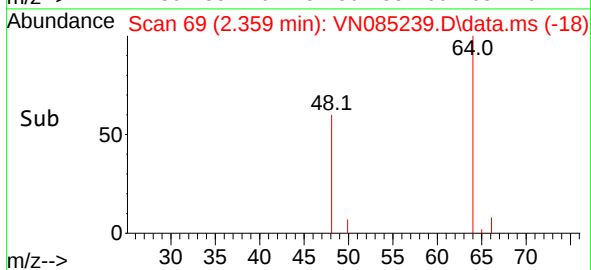
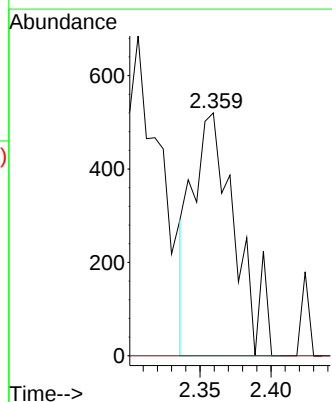
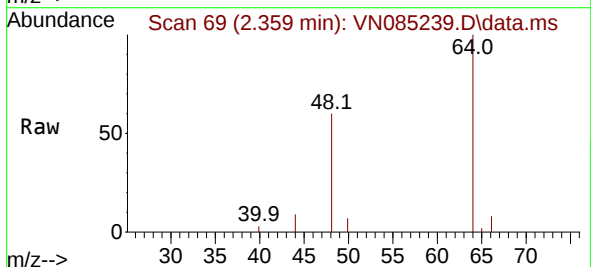


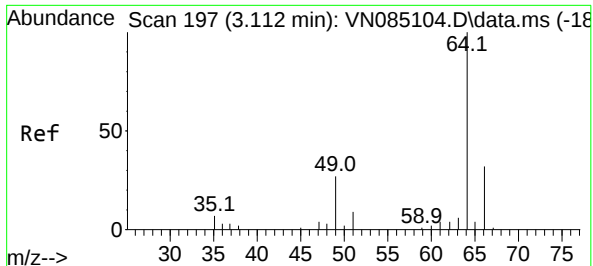
Tgt Ion:168 Resp: 159121
Ion Ratio Lower Upper
168 100
99 62.3 51.2 76.8



#3
Chloromethane
Concen: 0.524 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion: 50 Resp: 1093
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

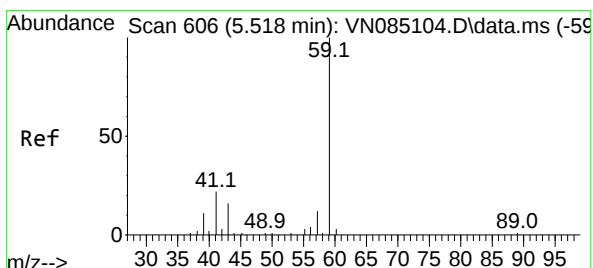
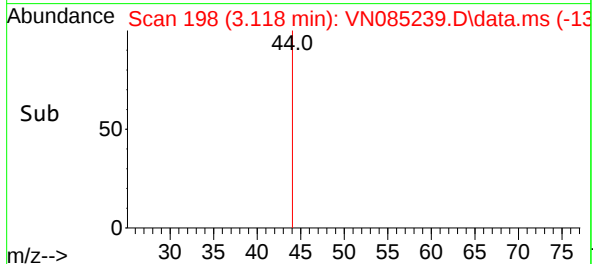
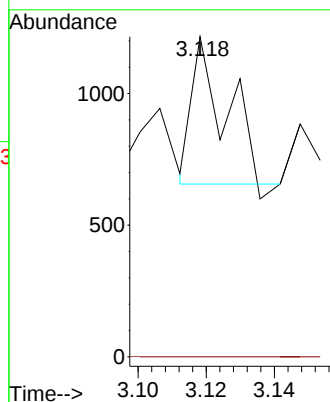
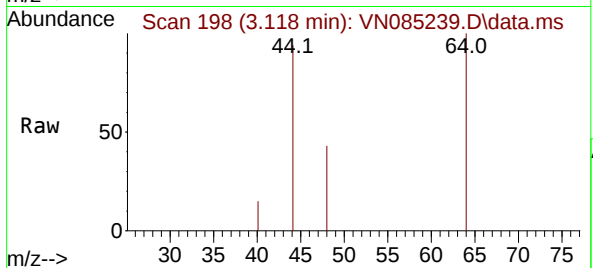




#6
Chloroethane
Concen: 0.299 ug/l
RT: 3.118 min Scan# 197
Delta R.T. 0.053 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

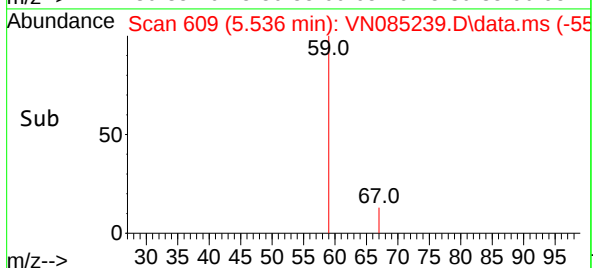
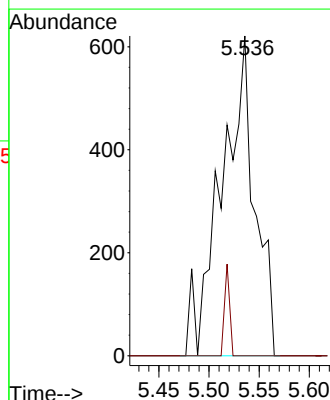
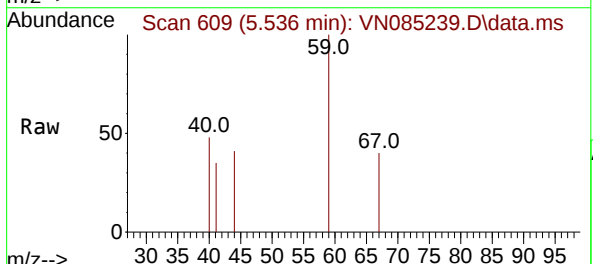
Instrument :
MSVOA_N
ClientSampleId :

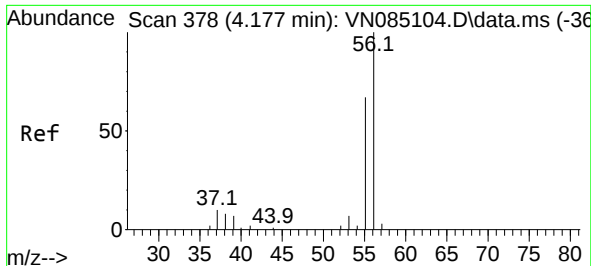
Tgt Ion: 64 Resp: 378
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#11
Tert butyl alcohol
Concen: 4.715 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion: 59 Resp: 1428
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#13

Acrolein

Concen: 15.442 ug/l

RT: 4.153 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

Instrument :

MSVOA_N

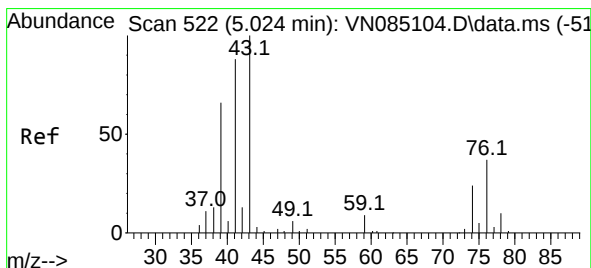
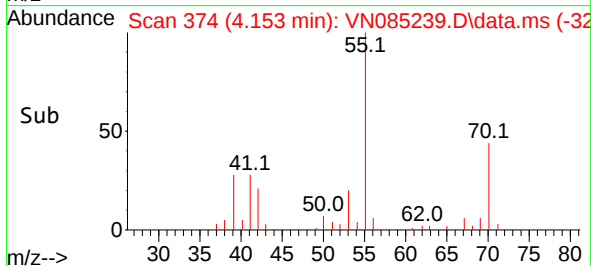
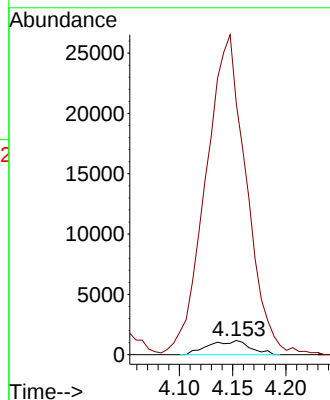
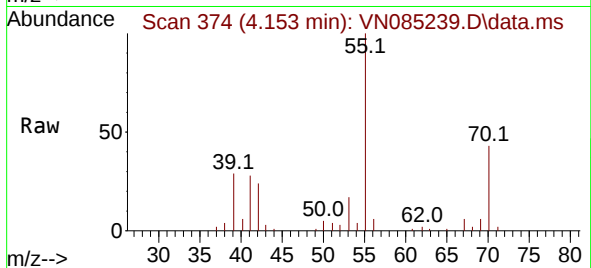
ClientSampleId :

Tgt Ion: 56 Resp: 3121

Ion Ratio Lower Upper

56 100

55 2258.5 54.5 81.7#



#14

Allyl chloride

Concen: 1.607 ug/l

RT: 5.159 min Scan# 545

Delta R.T. 0.153 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

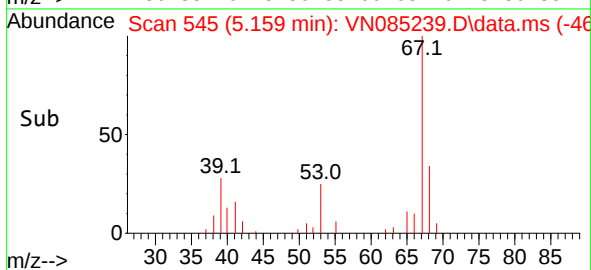
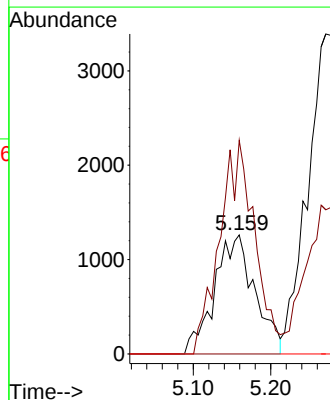
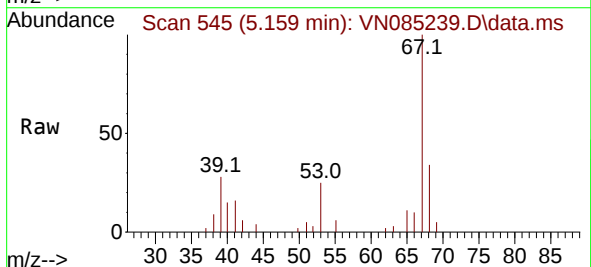
Tgt Ion: 41 Resp: 4574

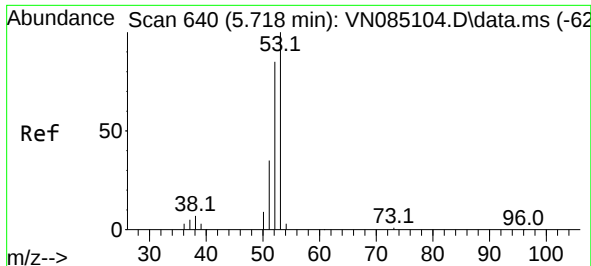
Ion Ratio Lower Upper

41 100

39 156.4 53.8 80.8#

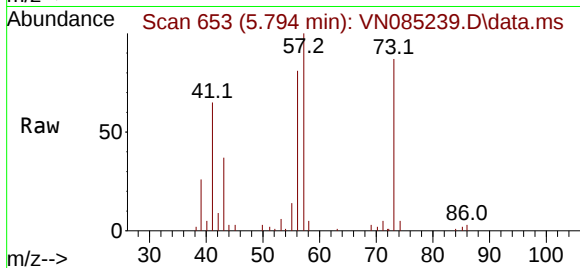
76 0.0 29.3 43.9#



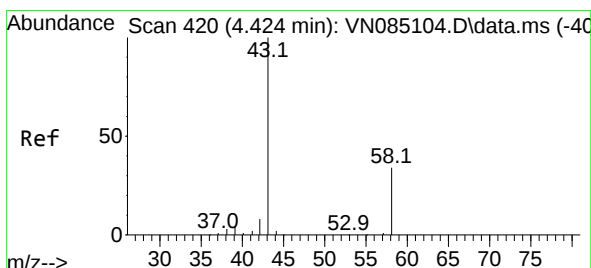
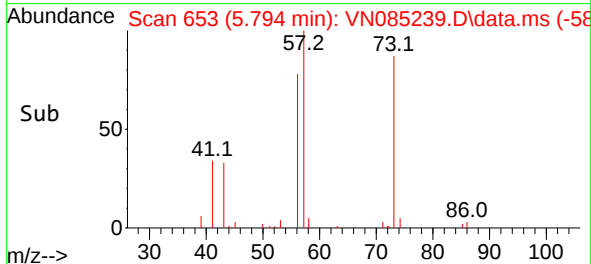
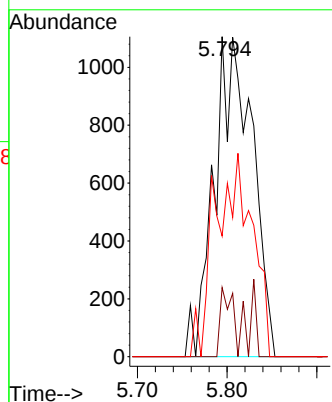


#15
Acrylonitrile
Concen: 3.822 ug/l
RT: 5.794 min Scan# 615
Delta R.T. 0.082 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Instrument :
MSVOA_N
ClientSampleId :

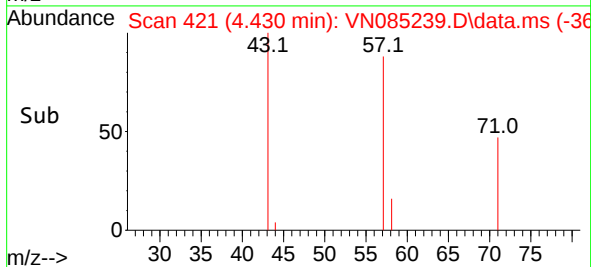
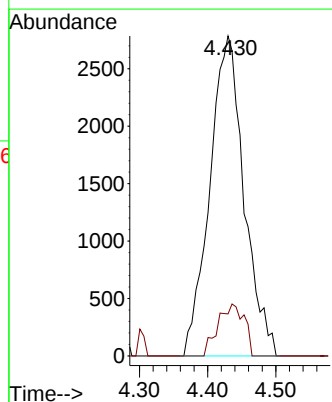
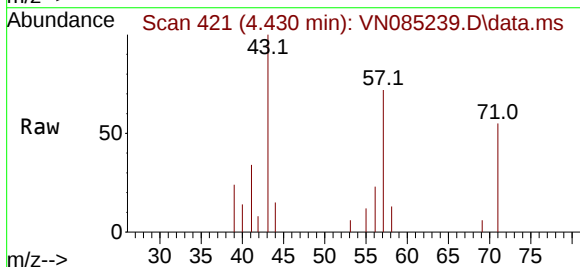


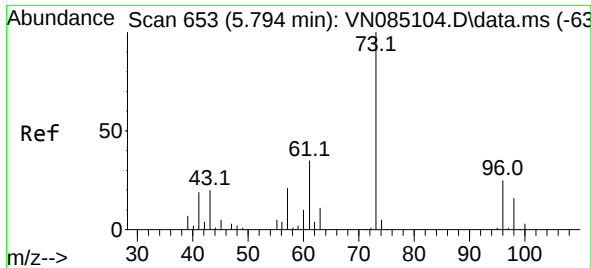
Tgt Ion: 53 Resp: 3277
Ion Ratio Lower Upper
53 100
52 6.7 65.5 98.3#
51 20.6 28.4 42.6#



#16
Acetone
Concen: 14.741 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion: 43 Resp: 9731
Ion Ratio Lower Upper
43 100
58 13.1 25.4 38.2#

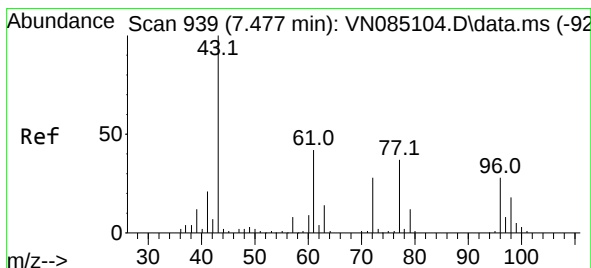
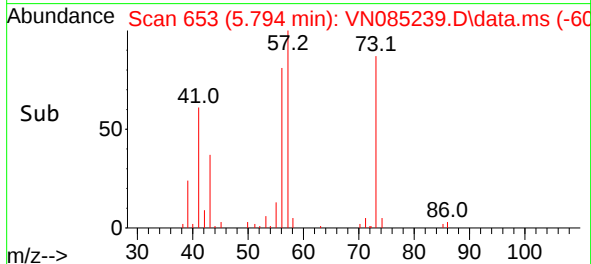
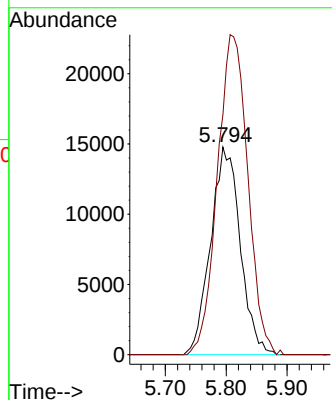
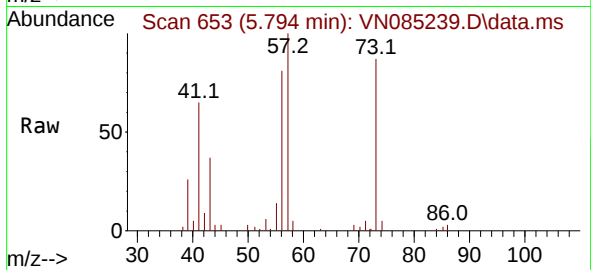




#19
Methyl tert-butyl Ether
Concen: 9.048 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

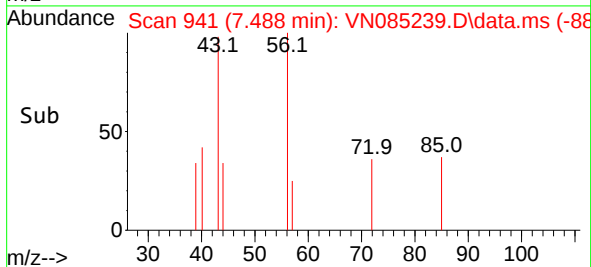
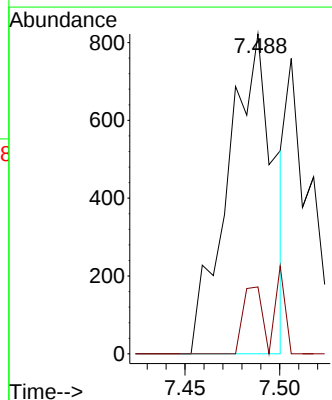
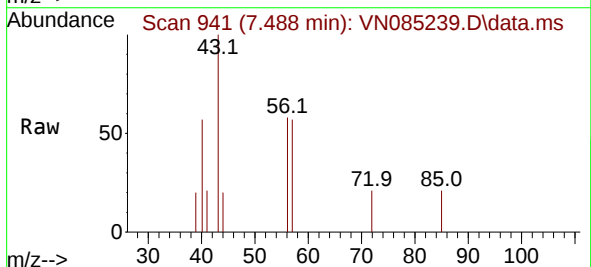
Instrument :
MSVOA_N
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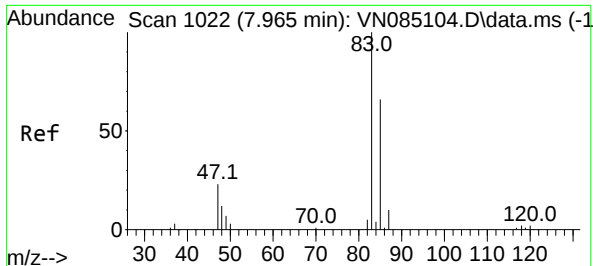
Tgt Ion: 73 Resp: 49926
Ion Ratio Lower Upper
73 100
57 115.6 17.0 25.4#



#25
2-Butanone
Concen: 1.281 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion: 43 Resp: 1382
Ion Ratio Lower Upper
43 100
72 20.9 21.4 32.0#

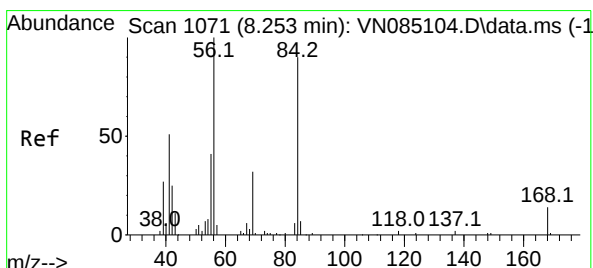
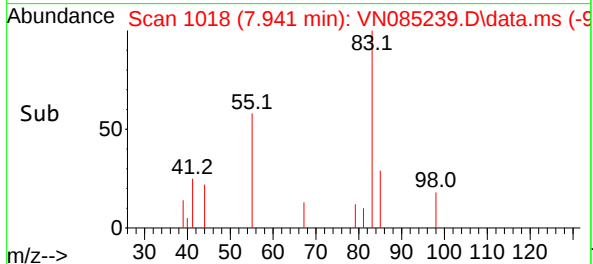
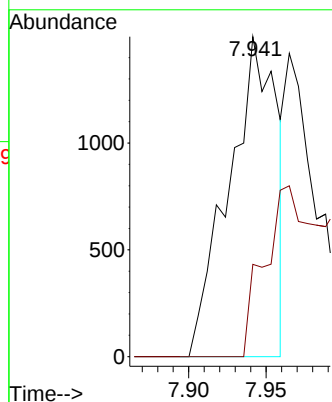
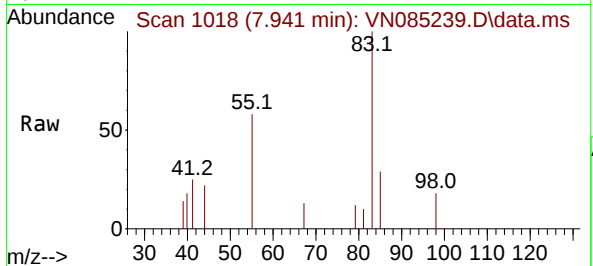




#30
Chloroform
Concen: 0.882 ug/l
RT: 7.941 min Scan# 1018
Delta R.T. -0.018 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

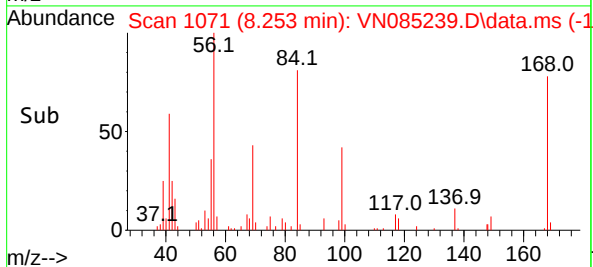
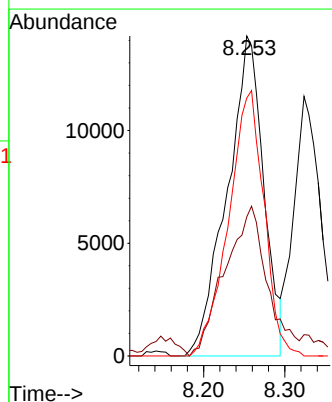
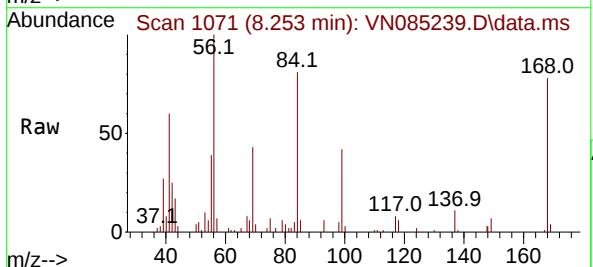
Instrument :
MSVOA_N
ClientSampleId :

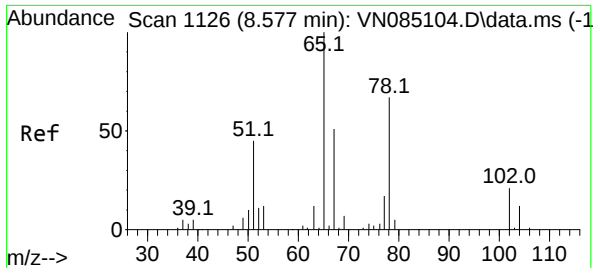
Tgt Ion: 83 Resp: 3217
Ion Ratio Lower Upper
83 100
85 28.8 52.6 78.8#



#31
Cyclohexane
Concen: 14.676 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion: 56 Resp: 44310
Ion Ratio Lower Upper
56 100
69 40.5 24.6 36.8#
84 80.6 71.4 107.2





#33

1,2-Dichloroethane-d4

Concen: 48.008 ug/l

RT: 8.577 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

Instrument :

MSVOA_N

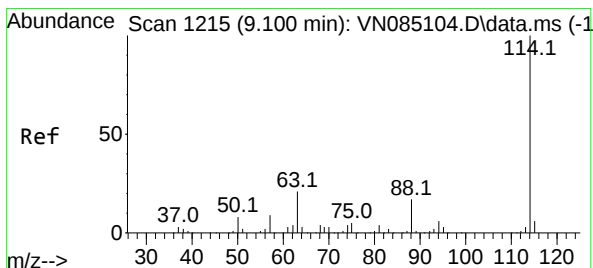
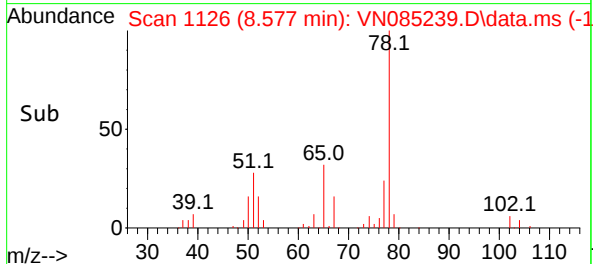
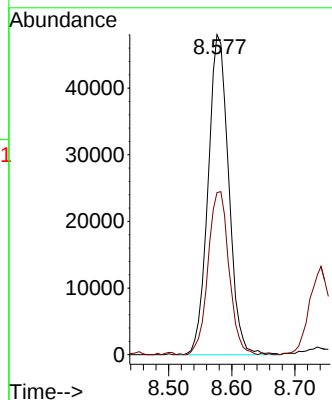
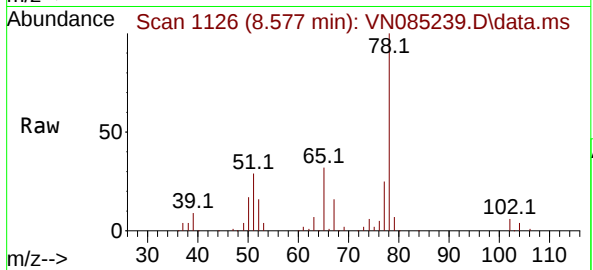
ClientSampleId :

Tgt Ion: 65 Resp: 108814

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

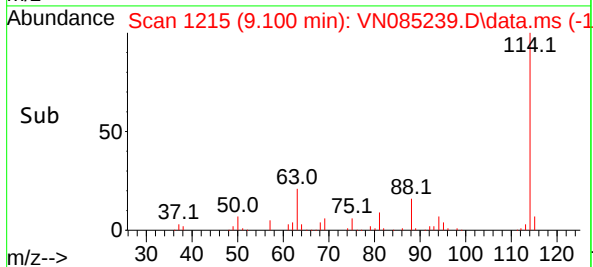
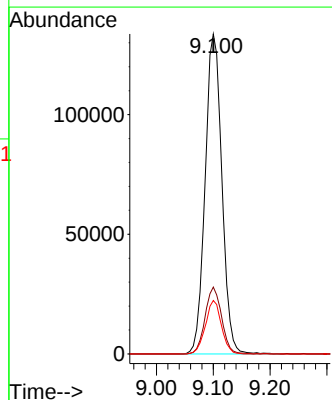
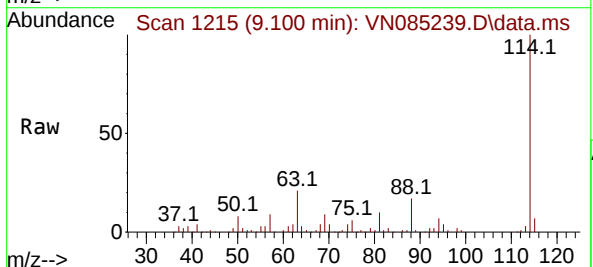
Tgt Ion: 114 Resp: 272871

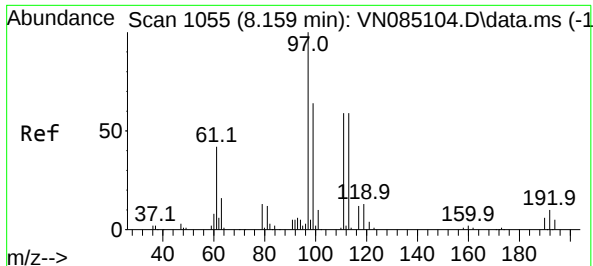
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.0

88 16.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.502 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

Instrument :

MSVOA_N

ClientSampleId :

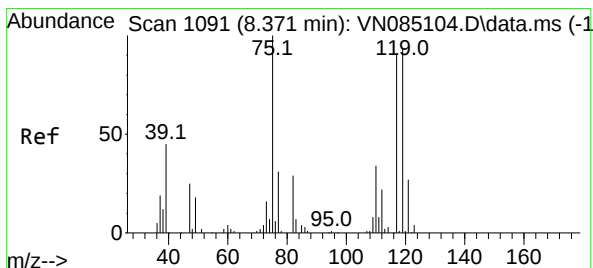
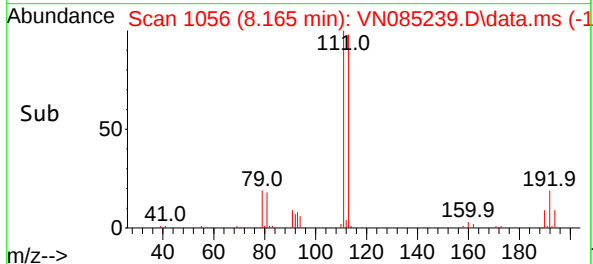
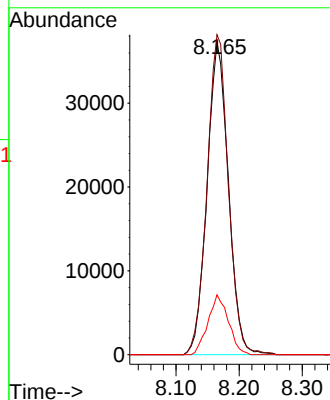
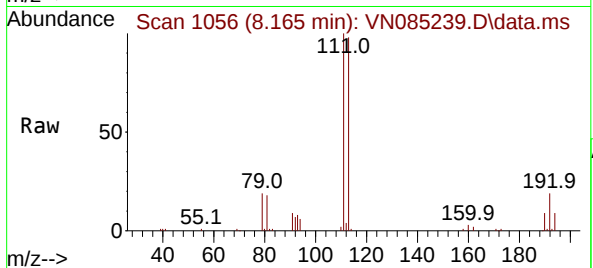
Tgt Ion:113 Resp: 87410

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

192 18.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.326 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

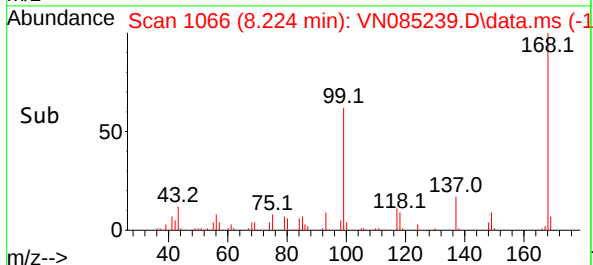
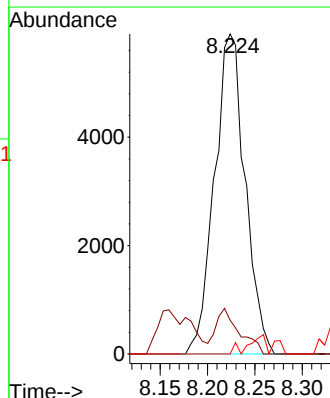
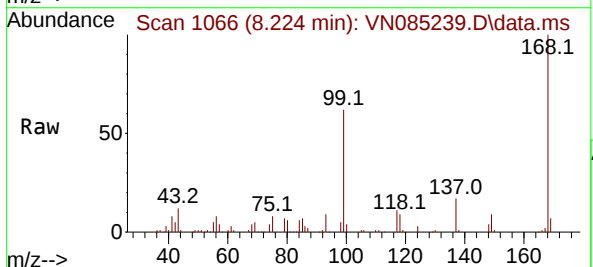
Tgt Ion: 75 Resp: 13275

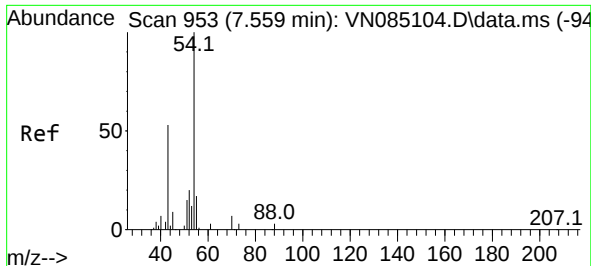
Ion Ratio Lower Upper

75 100

110 10.9 17.2 51.6#

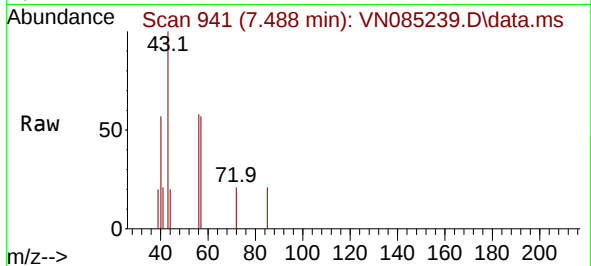
77 0.0 24.2 36.4#



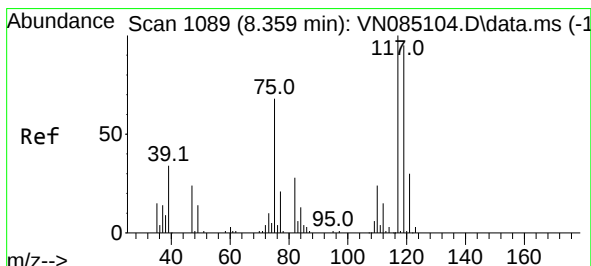
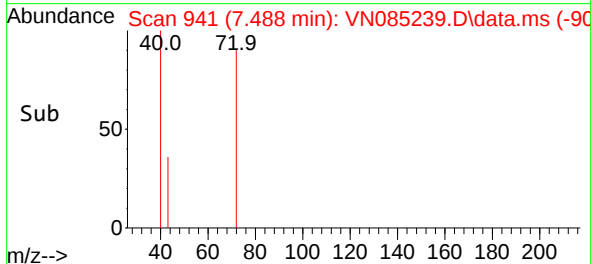
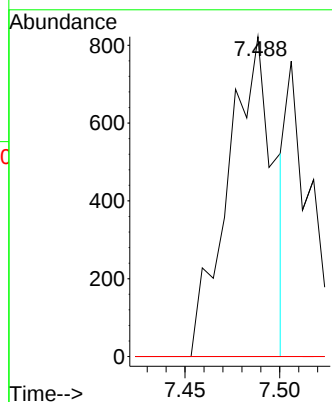


#37
Ethyl Acetate
Concen: 0.610 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.065 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Instrument :
MSVOA_N
ClientSampleId :

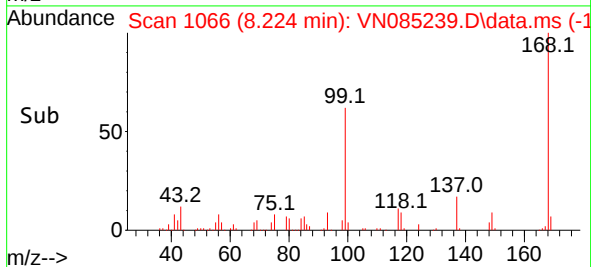
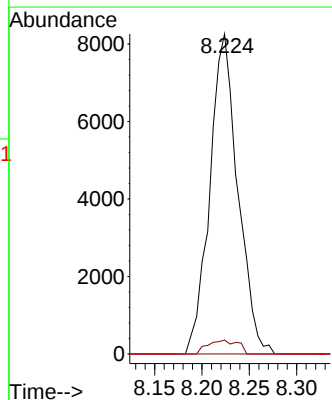
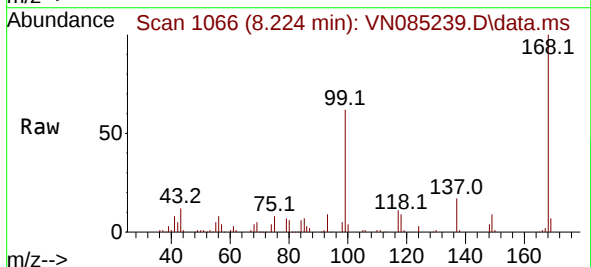


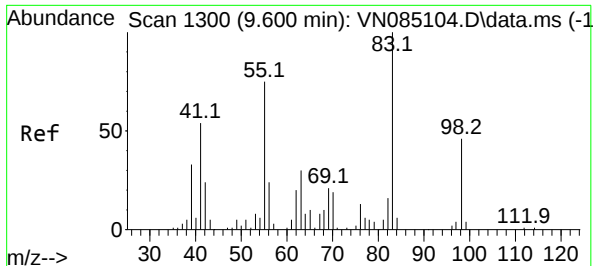
Tgt Ion: 43 Resp: 1382
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.907 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.130 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion: 117 Resp: 16994
Ion Ratio Lower Upper
117 100
119 4.4 78.6 117.8#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 23.941 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.006 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

Instrument :

MSVOA_N

ClientSampleId :

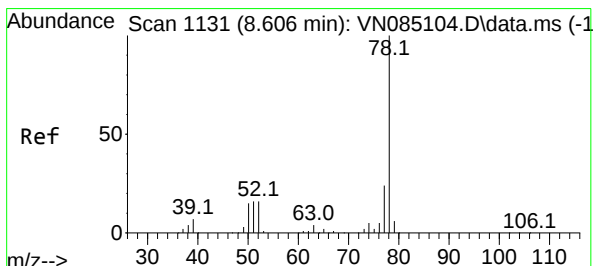
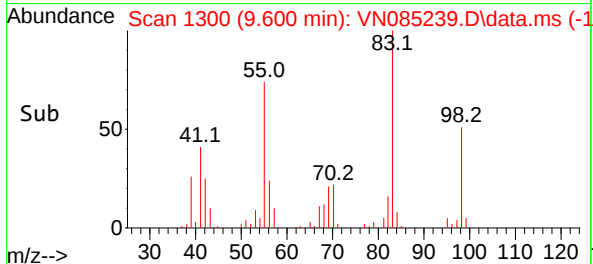
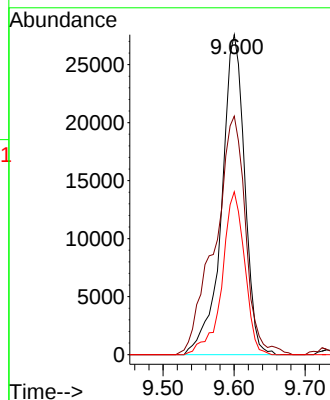
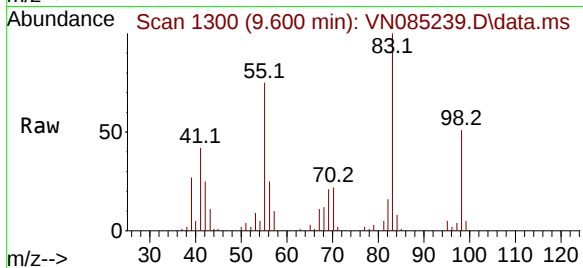
Tgt Ion: 83 Resp: 62009

Ion Ratio Lower Upper

83 100

55 73.8 61.8 92.6

98 50.9 37.0 55.6



#40

Benzene

Concen: 298.781 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085239.D

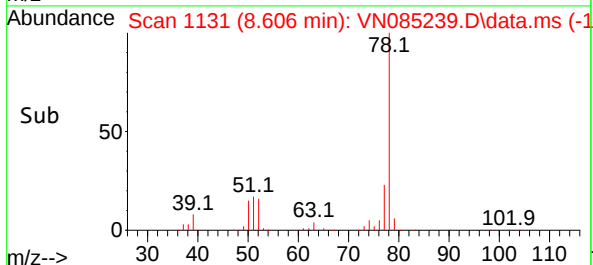
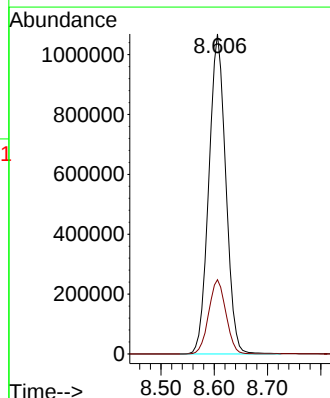
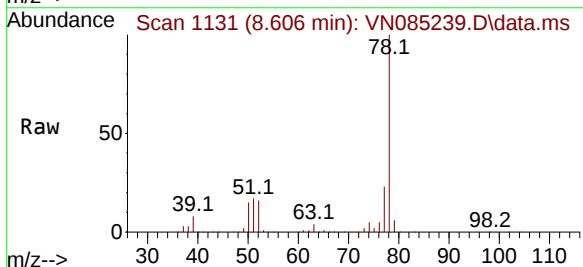
Acq: 17 Dec 2024 21:11

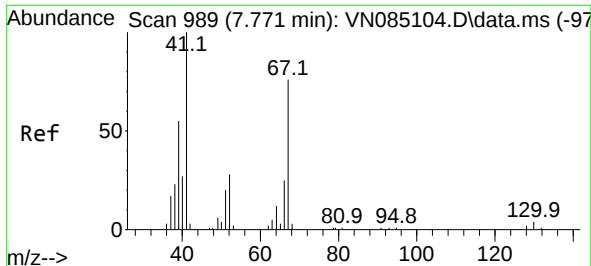
Tgt Ion: 78 Resp: 2355359

Ion Ratio Lower Upper

78 100

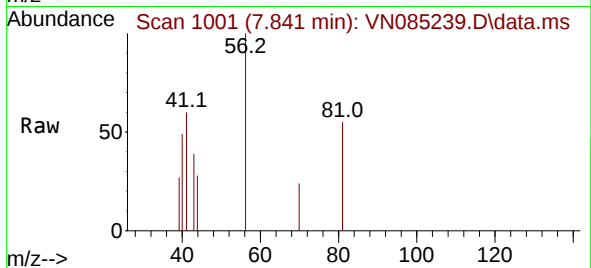
77 23.2 18.5 27.7



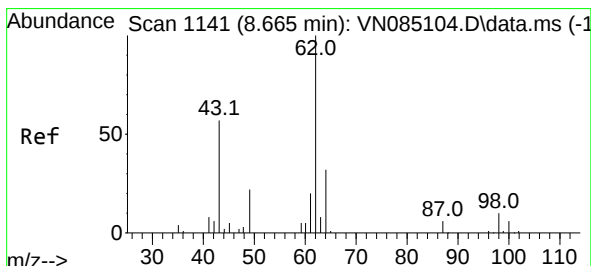
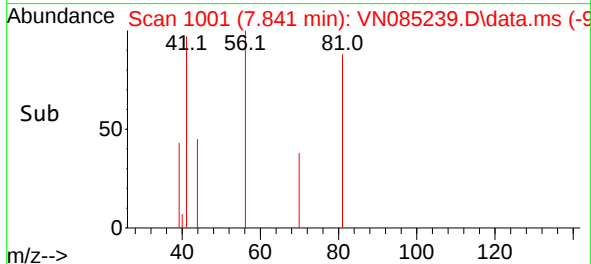
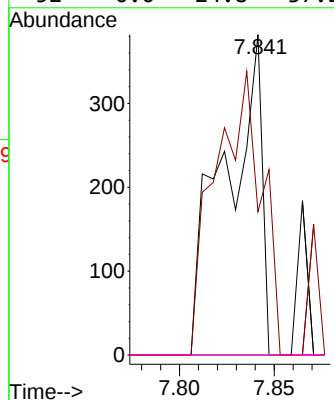


#41
Methacrylonitrile
Concen: 0.414 ug/l
RT: 7.841 min Scan# 1100
Delta R.T. 0.070 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Instrument :
MSVOA_N
ClientSampleId :

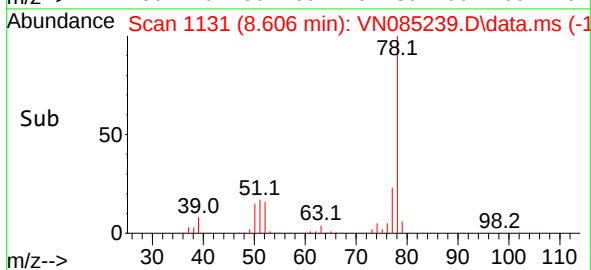
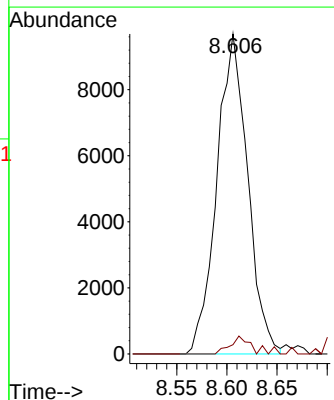
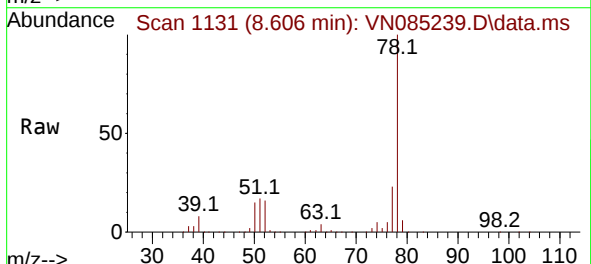


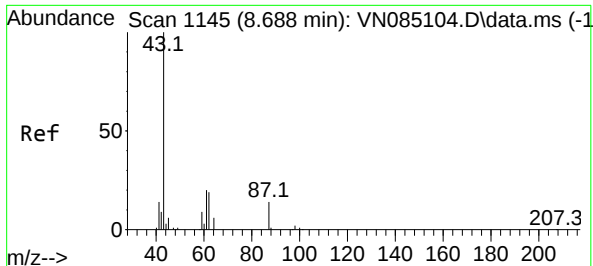
Tgt Ion: 41 Resp: 519
Ion Ratio Lower Upper
41 100
39 111.0 42.6 63.8#
67 0.0 59.9 89.9#
52 0.0 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 7.681 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.059 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion: 62 Resp: 20716
Ion Ratio Lower Upper
62 100
98 4.1 0.0 18.2

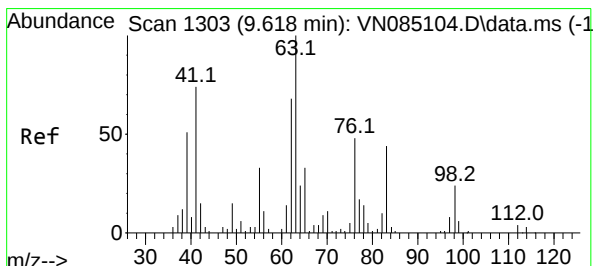
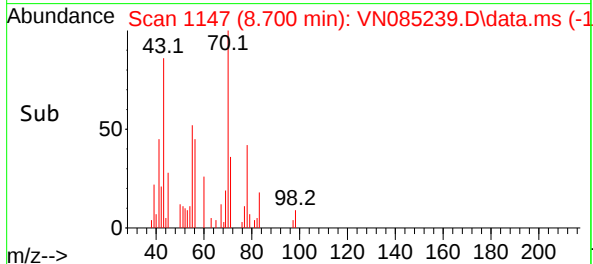
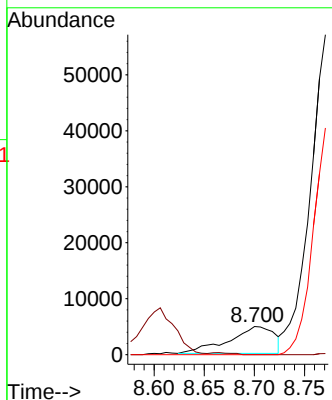
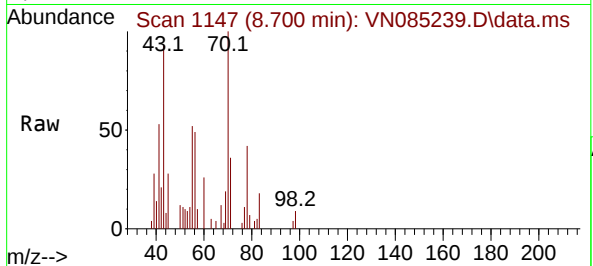




#43
Isopropyl Acetate
Concen: 3.226 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

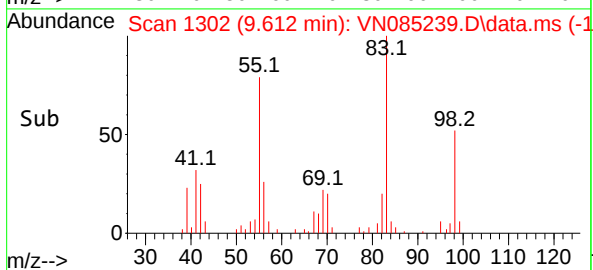
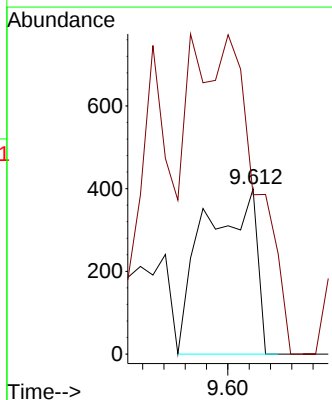
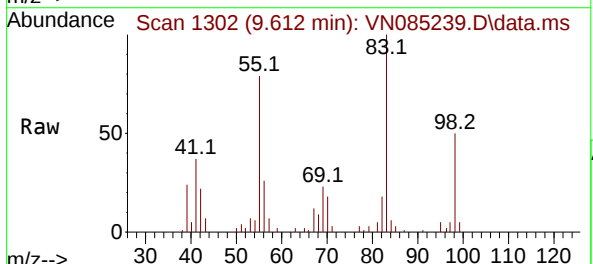
Instrument :
MSVOA_N
ClientSampleId :

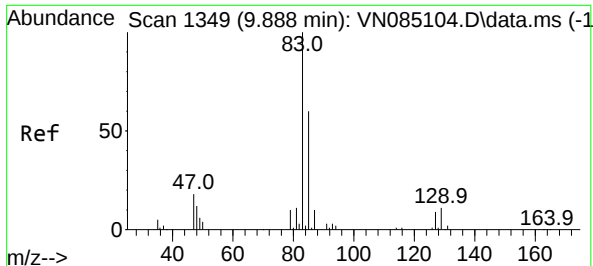
Tgt Ion: 43 Resp: 15183
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#



#45
1,2-Dichloropropane
Concen: 0.345 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. -0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

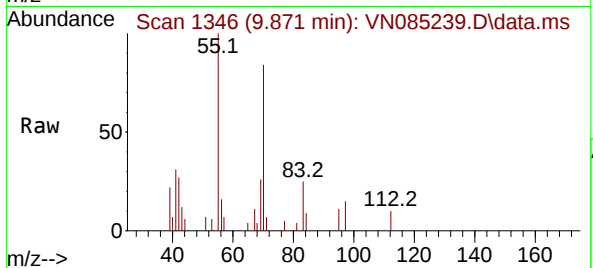
Tgt Ion: 63 Resp: 669
Ion Ratio Lower Upper
63 100
65 35.8 24.0 36.0



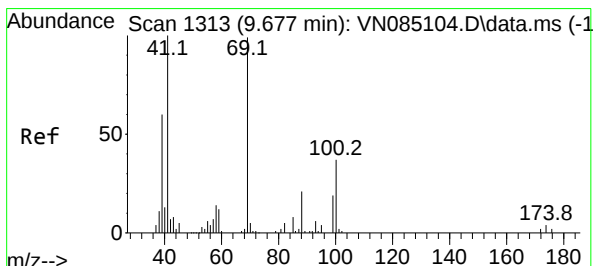
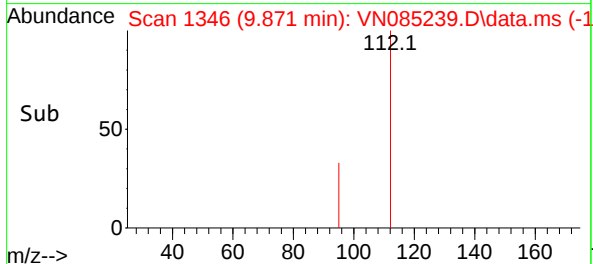
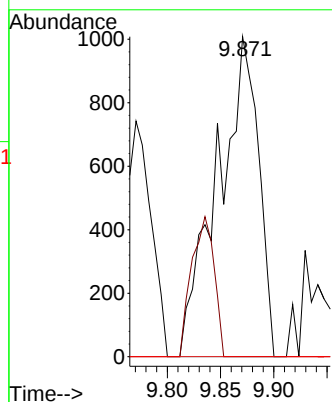


#47
Bromodichloromethane
Concen: 0.942 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Instrument :
MSVOA_N
ClientSampleId :

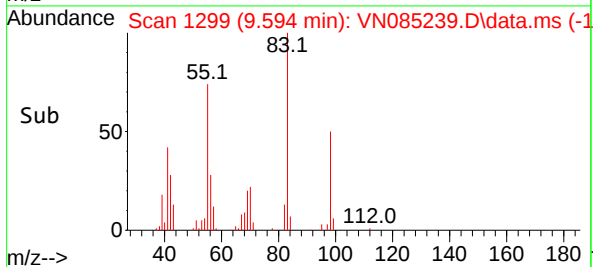
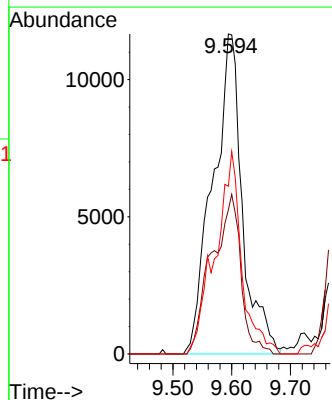
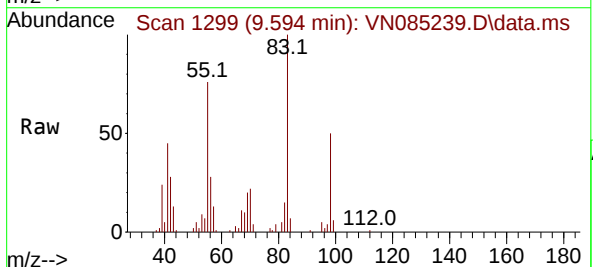


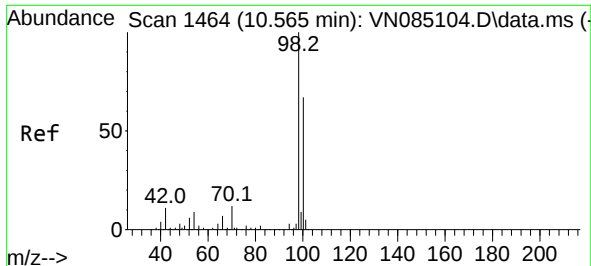
Tgt Ion: 83 Resp: 2695
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 23.271 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.082 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion: 41 Resp: 40758
Ion Ratio Lower Upper
41 100
69 49.0 73.2 109.8#
39 56.7 46.2 69.4

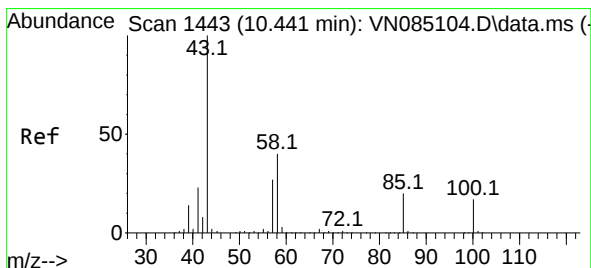
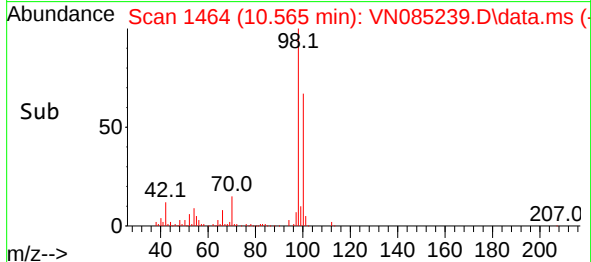
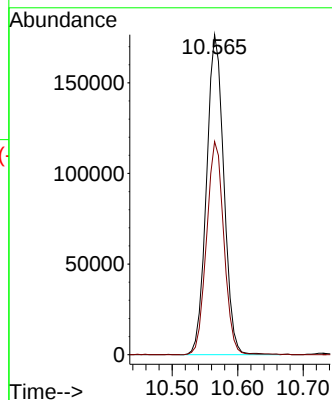
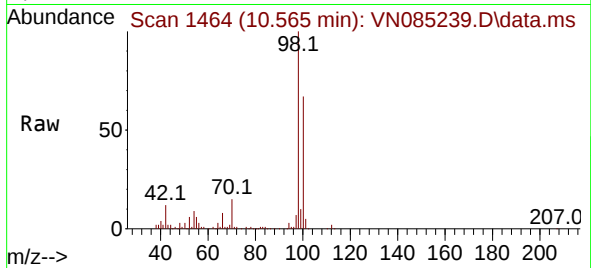




#50
Toluene-d8
Concen: 49.184 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

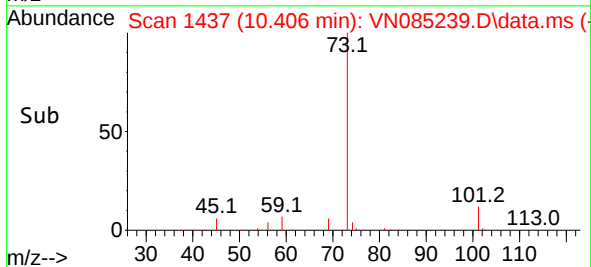
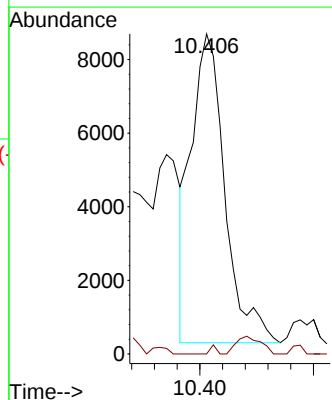
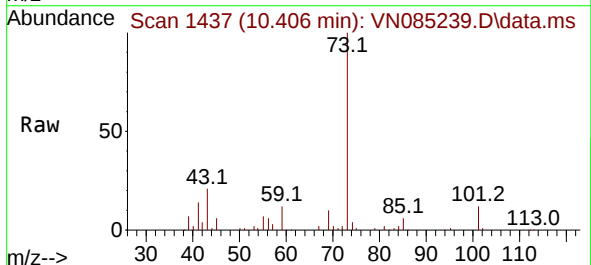
Instrument :
MSVOA_N
ClientSampleId :

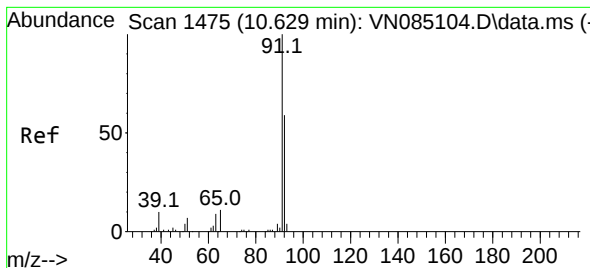
Tgt Ion: 98 Resp: 324349
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 8.042 ug/l
RT: 10.406 min Scan# 1437
Delta R.T. -0.035 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion: 43 Resp: 17288
Ion Ratio Lower Upper
43 100
58 0.5 32.1 48.1#





#52

Toluene

Concen: 67.349 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

Instrument :

MSVOA_N

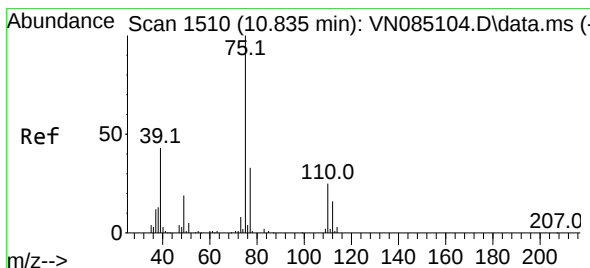
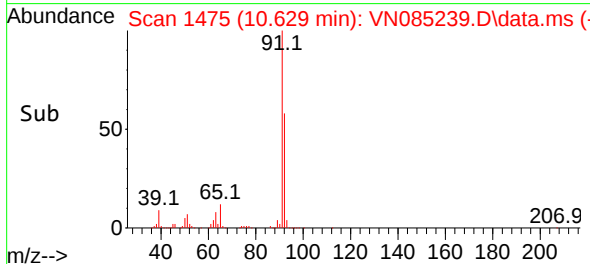
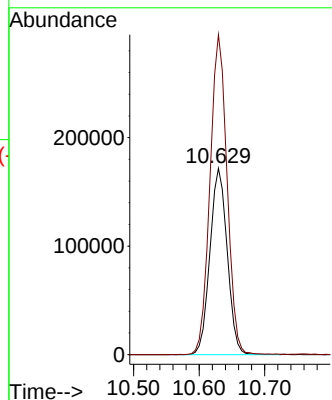
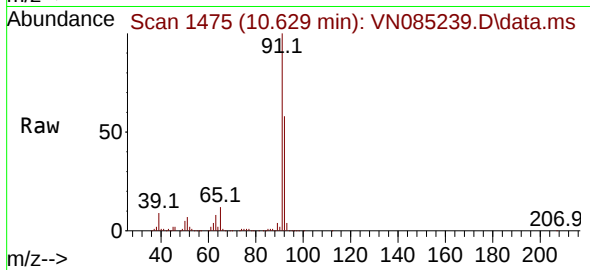
ClientSampleId :

Tgt Ion: 92 Resp: 314307

Ion Ratio Lower Upper

92 100

91 169.9 136.7 205.1



#53

t-1,3-Dichloropropene

Concen: 1.349 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.212 min

Lab File: VN085239.D

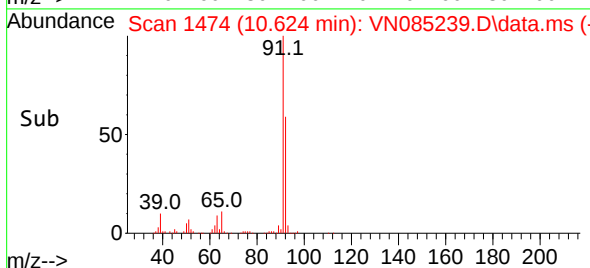
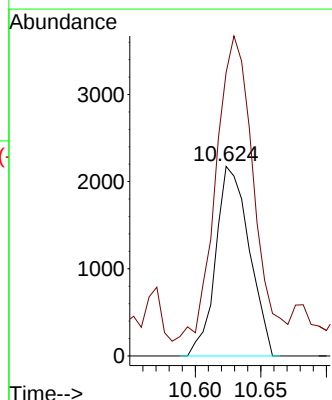
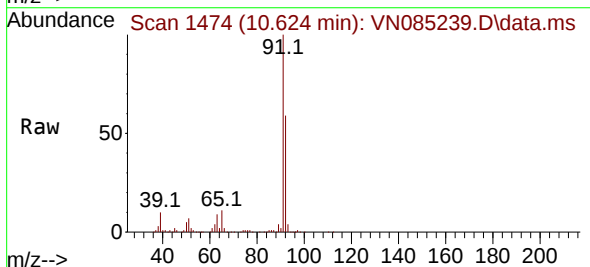
Acq: 17 Dec 2024 21:11

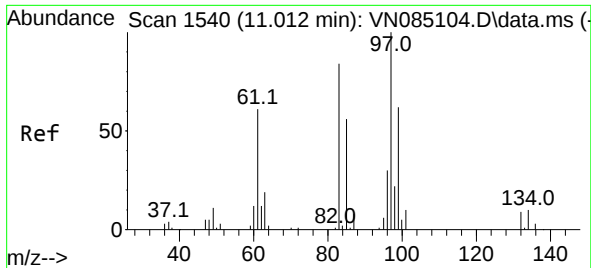
Tgt Ion: 75 Resp: 3866

Ion Ratio Lower Upper

75 100

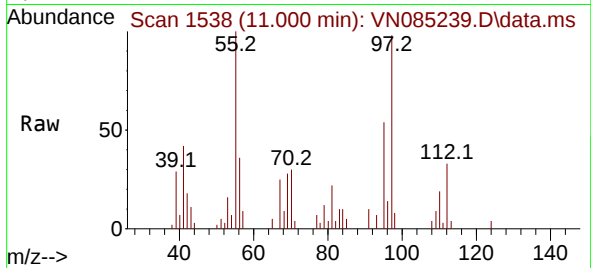
77 139.2 25.0 37.4#



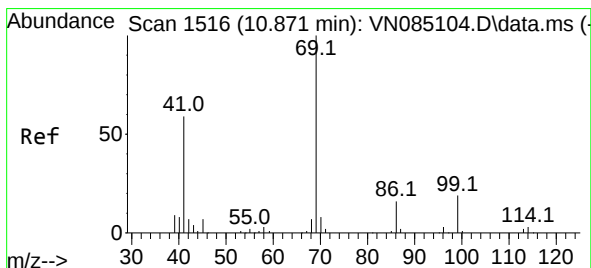
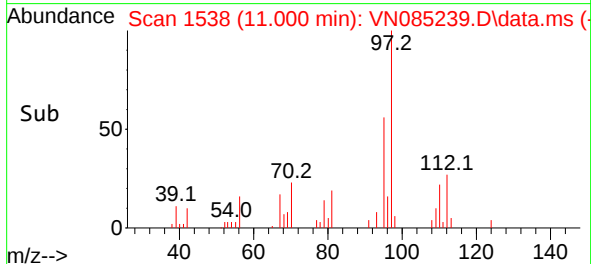
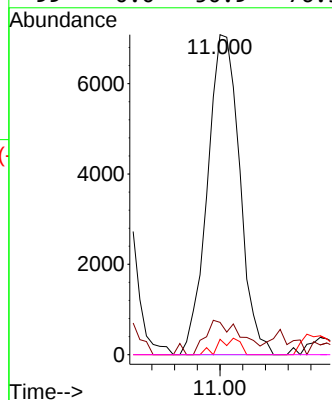


#55
1,1,2-Trichloroethane
Concen: 8.027 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. -0.012 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Instrument :
MSVOA_N
ClientSampleId :

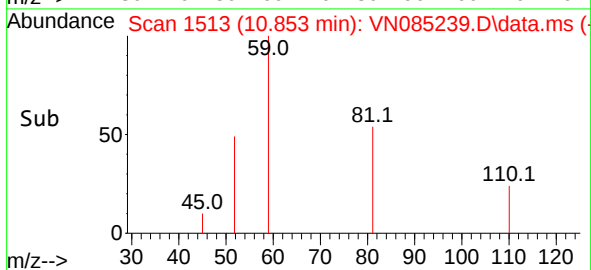
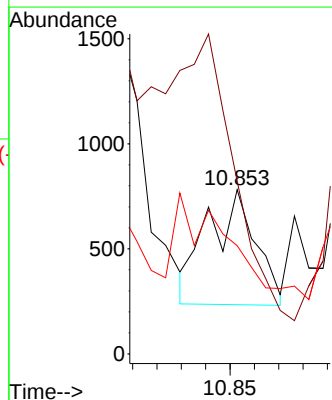
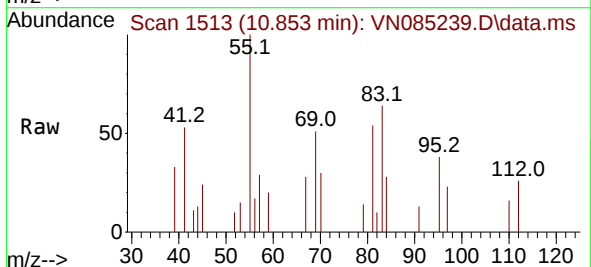


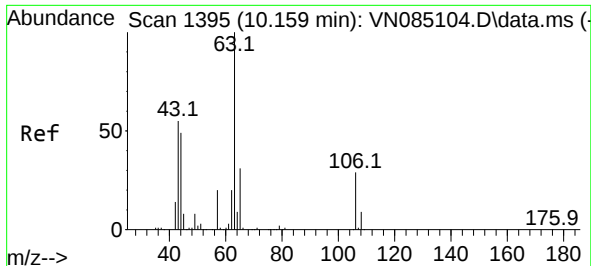
Tgt Ion:	97	Resp:	13954
Ion	Ratio	Lower	Upper
97	100		
83	6.6	67.4	101.2#
85	4.8	43.1	64.7#
99	0.0	50.9	76.3#



#56
Ethyl methacrylate
Concen: 0.294 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.018 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion:	69	Resp:	748
Ion	Ratio	Lower	Upper
69	100		
41	0.0	50.0	75.0#
39	0.0	27.0	40.6#

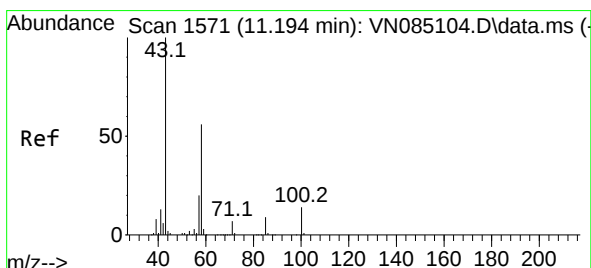
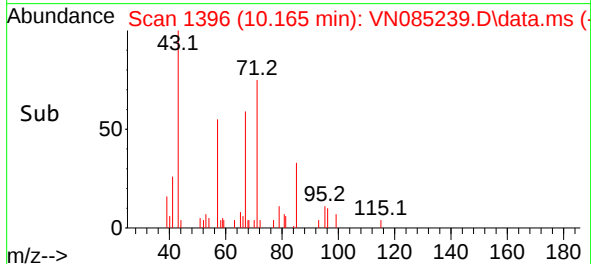
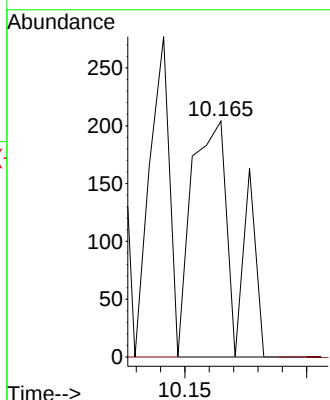
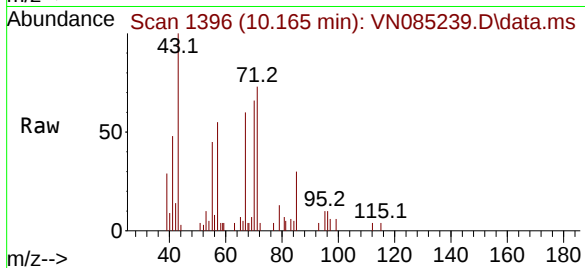




#58
2-Chloroethyl Vinyl ether
Concen: 0.205 ug/l
RT: 10.165 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

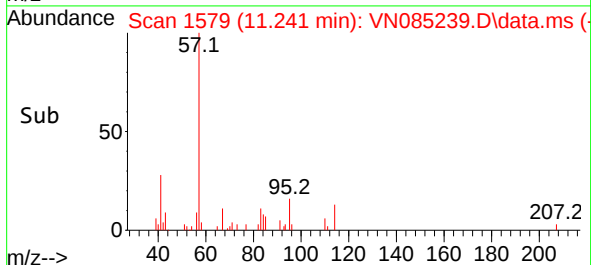
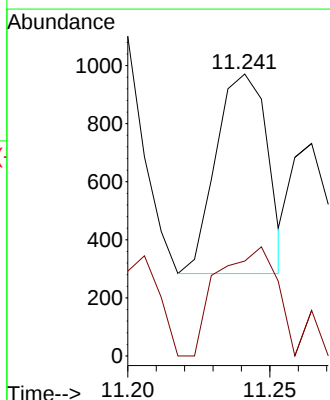
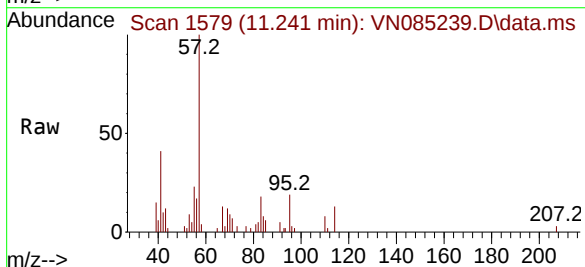
Instrument :
MSVOA_N
ClientSampleId :

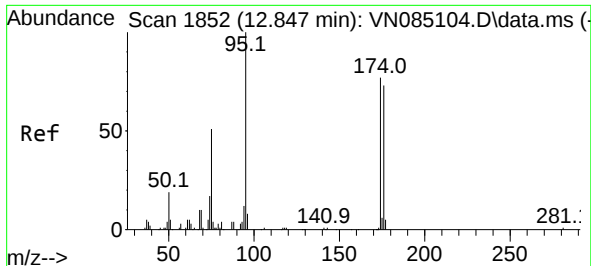
Tgt Ion: 63 Resp: 256
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#



#59
2-Hexanone
Concen: 0.538 ug/l
RT: 11.241 min Scan# 1579
Delta R.T. 0.047 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
58 69.6 28.3 85.0

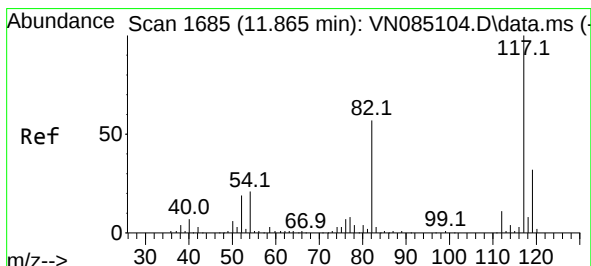
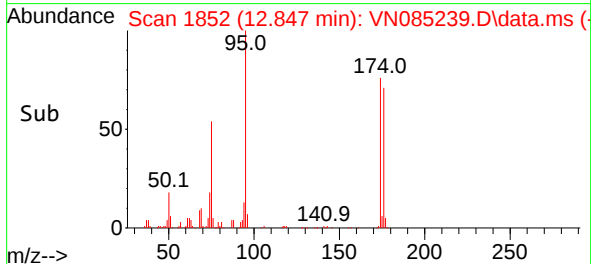
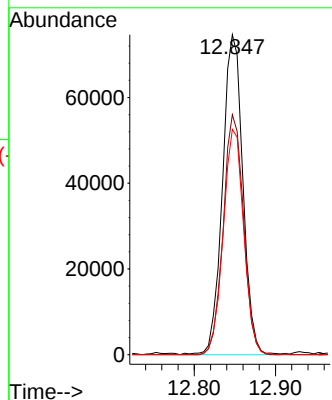
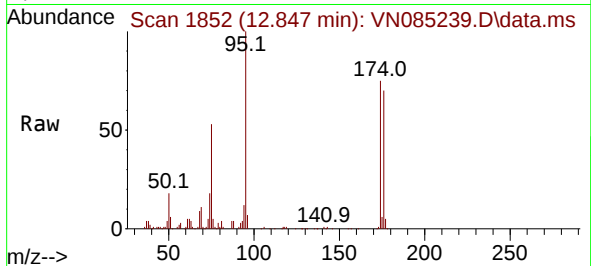




#62
4-Bromofluorobenzene
Concen: 52.688 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

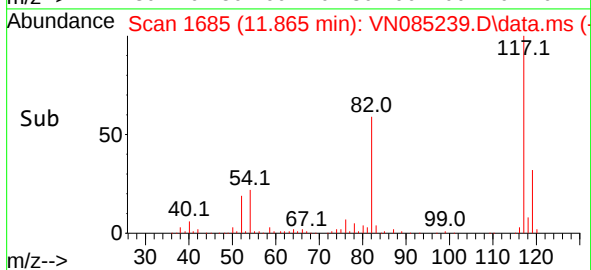
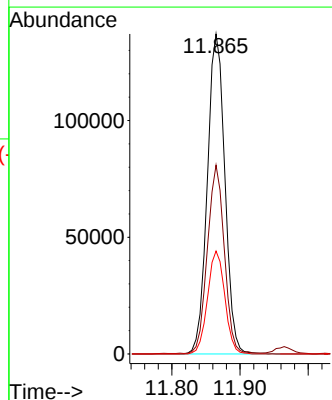
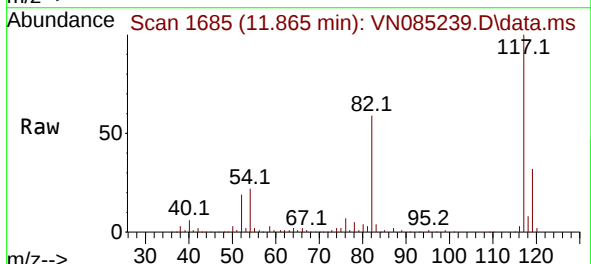
Instrument :
MSVOA_N
ClientSampleId :

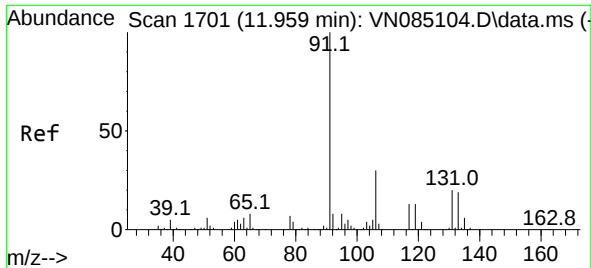
Tgt Ion: 95 Resp: 129938
Ion Ratio Lower Upper
95 100
174 74.6 0.0 146.6
176 70.9 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion: 117 Resp: 245552
Ion Ratio Lower Upper
117 100
82 58.8 46.0 69.0
119 32.2 25.6 38.4





#67

Ethyl Benzene

Concen: 119.012 ug/l

RT: 11.965 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

Instrument :

MSVOA_N

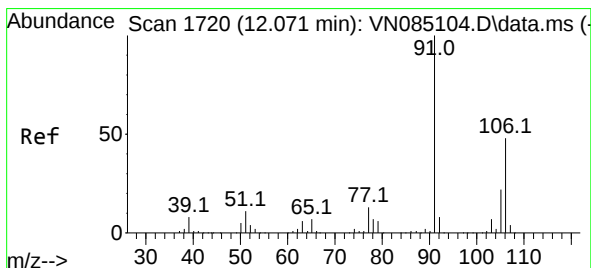
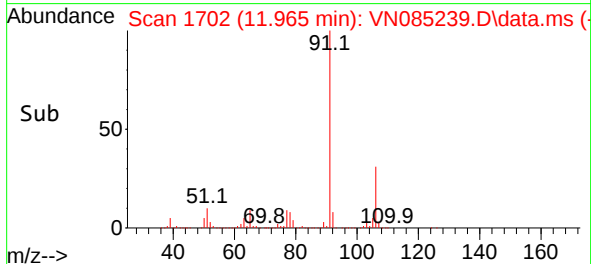
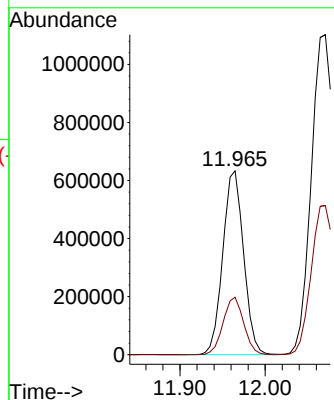
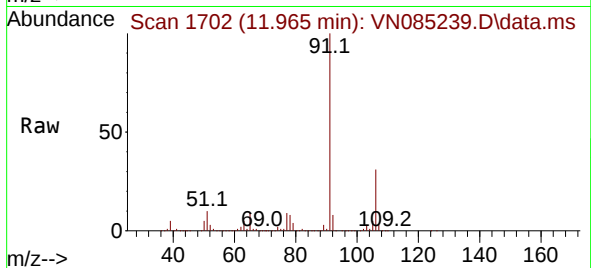
ClientSampleId :

Tgt Ion: 91 Resp: 1075242

Ion Ratio Lower Upper

91 100

106 31.2 24.7 37.1



#68

m/p-Xylenes

Concen: 297.515 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN085239.D

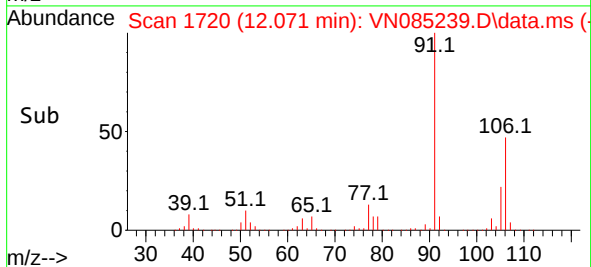
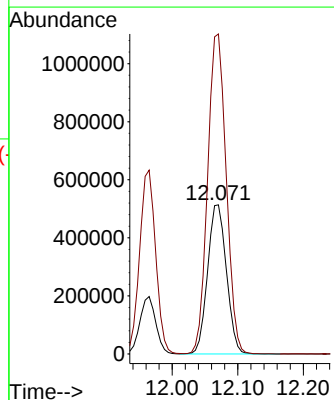
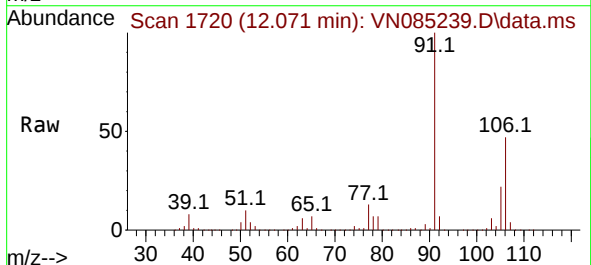
Acq: 17 Dec 2024 21:11

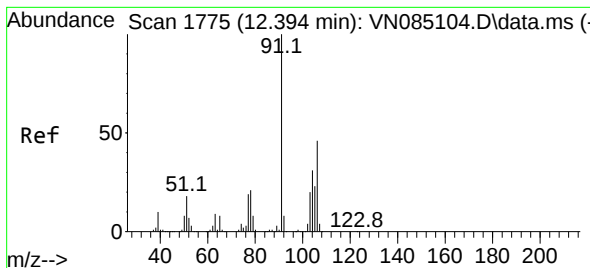
Tgt Ion:106 Resp: 1023363

Ion Ratio Lower Upper

106 100

91 212.3 168.0 252.0





#69

o-Xylene

Concen: 100.463 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

Instrument :

MSVOA_N

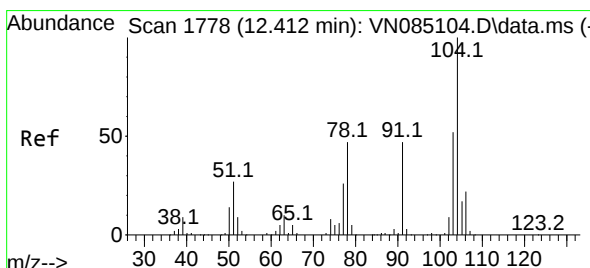
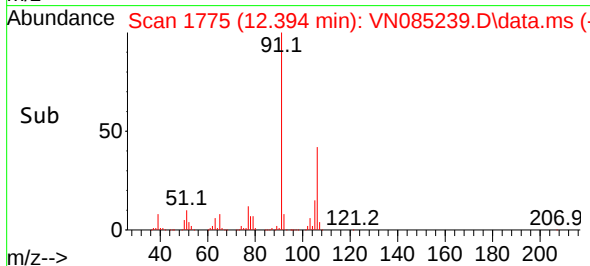
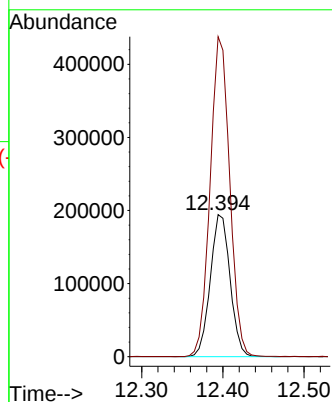
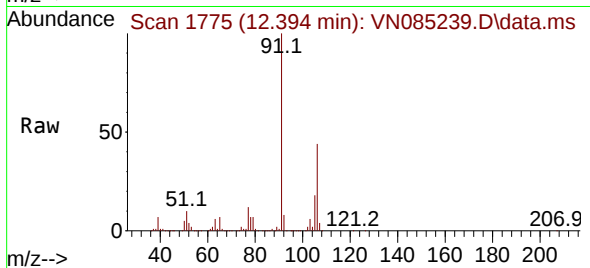
ClientSampleId :

Tgt Ion:106 Resp: 328714

Ion Ratio Lower Upper

106 100

91 223.2 110.7 331.9



#70

Styrene

Concen: 3.105 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

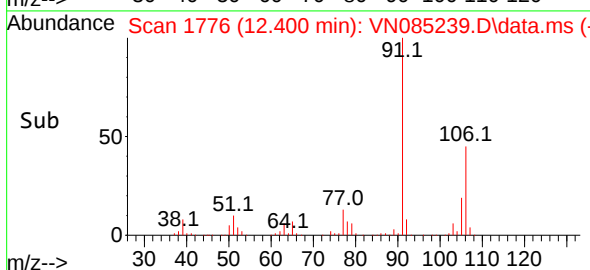
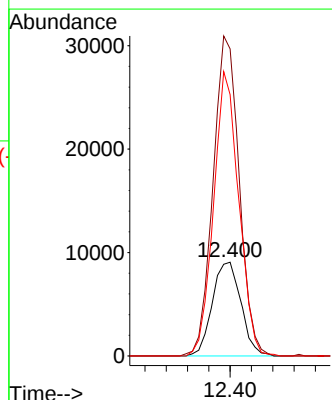
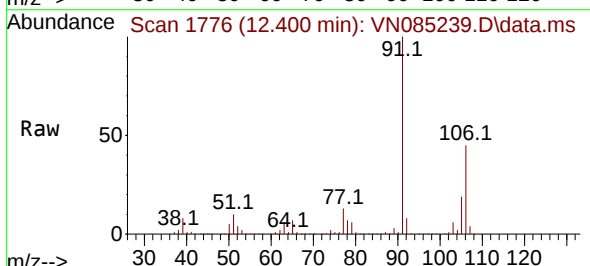
Tgt Ion:104 Resp: 16894

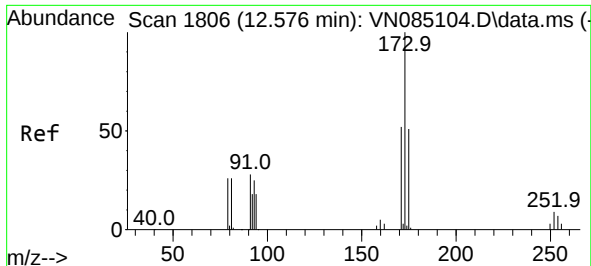
Ion Ratio Lower Upper

104 100

78 311.3 42.3 63.5#

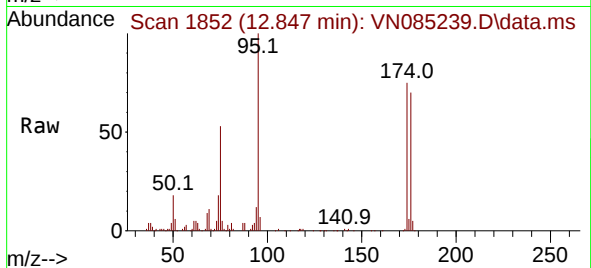
103 267.2 44.2 66.2#



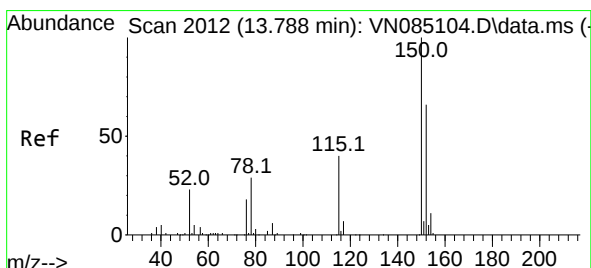
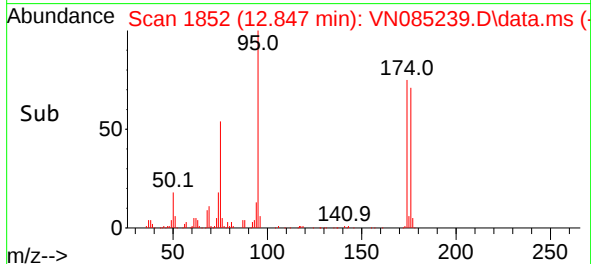
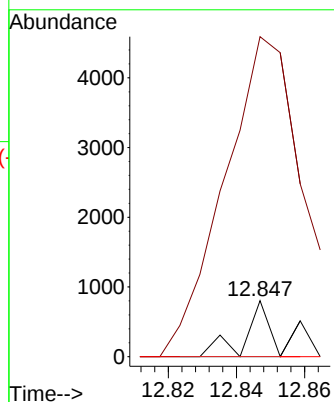


#71
Bromoform
Concen: 0.270 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.270 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Instrument :
MSVOA_N
ClientSampleId :

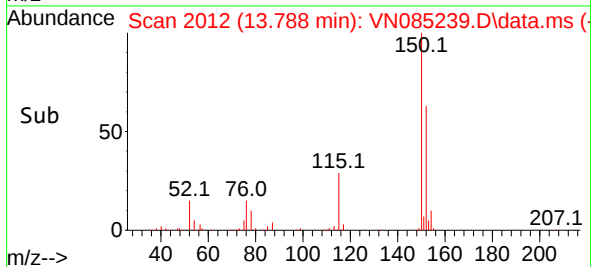
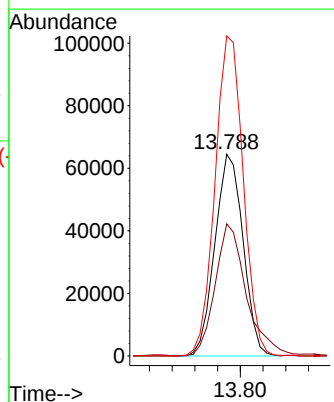
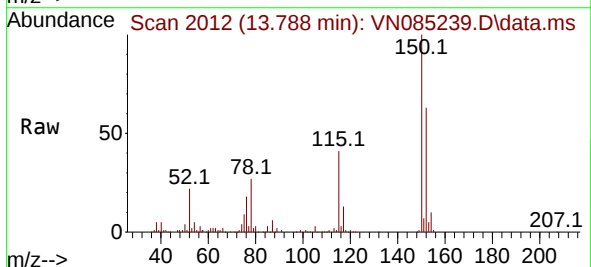


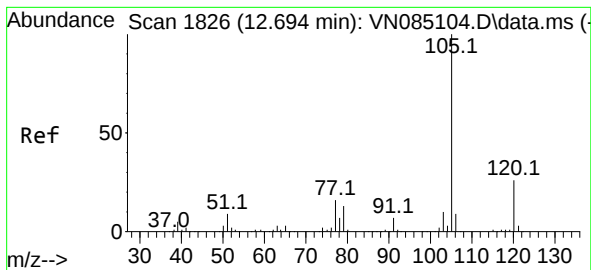
Tgt Ion:173 Resp: 393
Ion Ratio Lower Upper
173 100
175 1455.7 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion:152 Resp: 111275
Ion Ratio Lower Upper
152 100
115 73.1 31.7 95.1
150 159.1 0.0 351.4





#73

Isopropylbenzene

Concen: 5.740 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

Instrument :

MSVOA_N

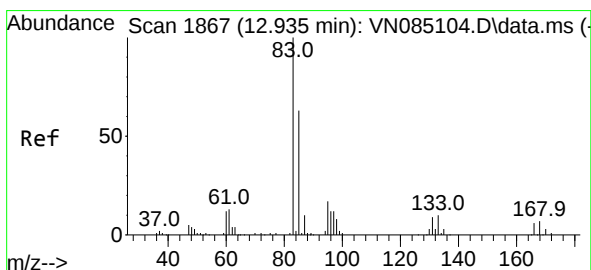
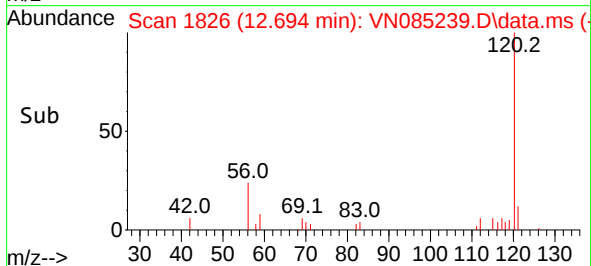
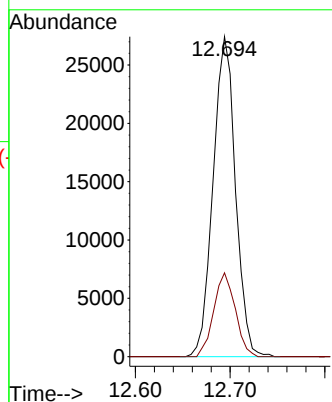
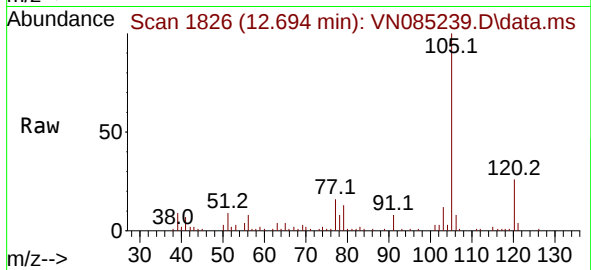
ClientSampleId :

Tgt Ion:105 Resp: 45063

Ion Ratio Lower Upper

105 100

120 25.1 13.0 39.0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.232 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

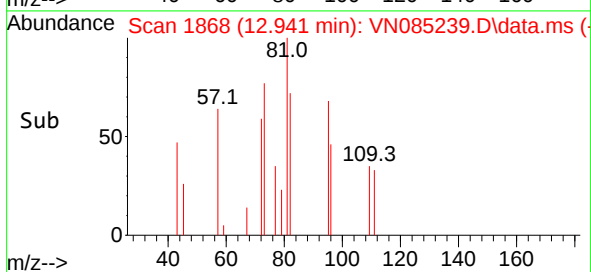
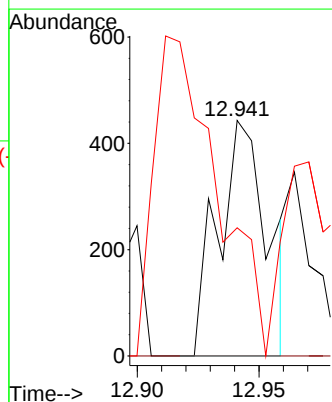
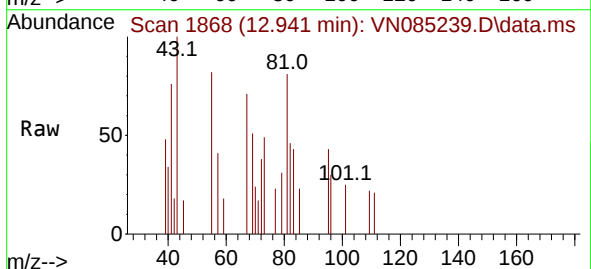
Tgt Ion: 83 Resp: 622

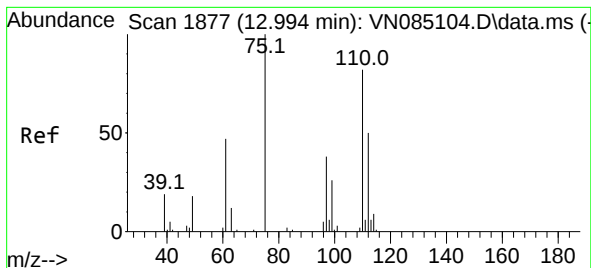
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

85 0.0 32.1 96.3#





#76

1,2,3-Trichloropropane

Concen: 33.665 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

Instrument :

MSVOA_N

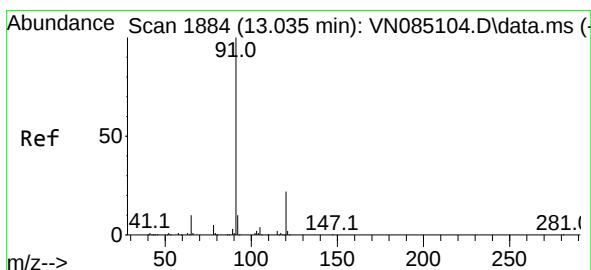
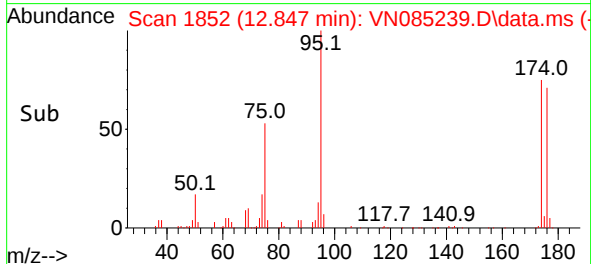
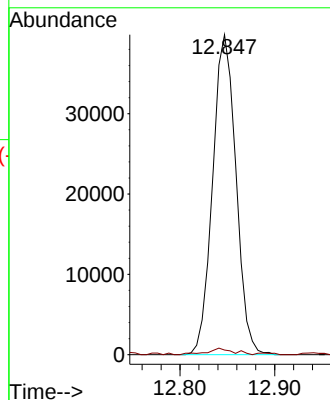
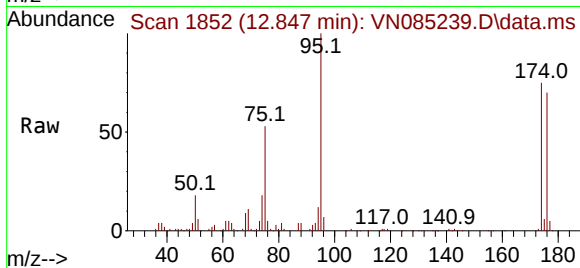
ClientSampleId :

Tgt Ion: 75 Resp: 68139

Ion Ratio Lower Upper

75 100

77 2.2 109.1 327.4#



#78

n-propylbenzene

Concen: 8.120 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN085239.D

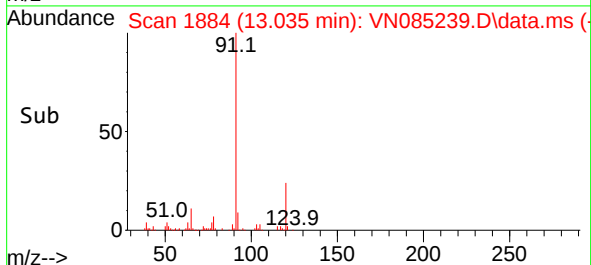
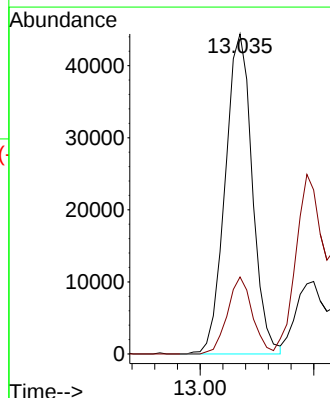
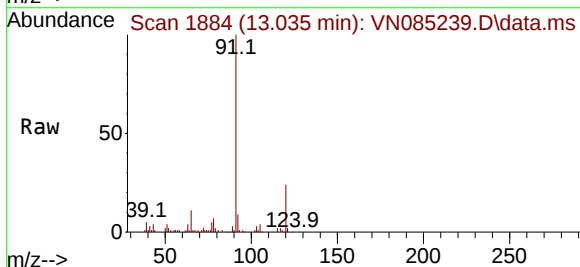
Acq: 17 Dec 2024 21:11

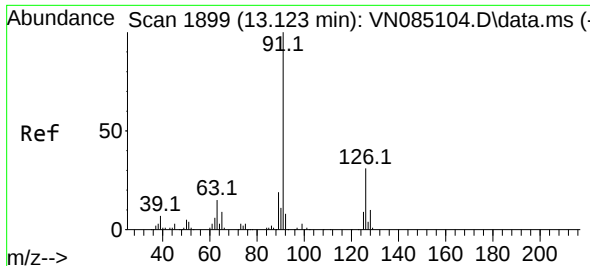
Tgt Ion: 91 Resp: 73521

Ion Ratio Lower Upper

91 100

120 22.1 11.3 33.9

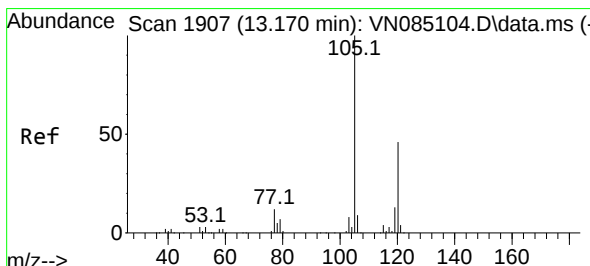
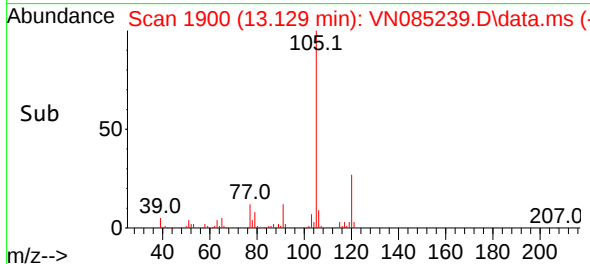
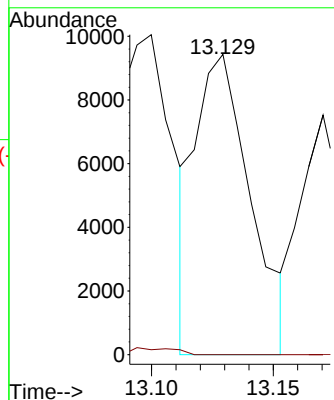
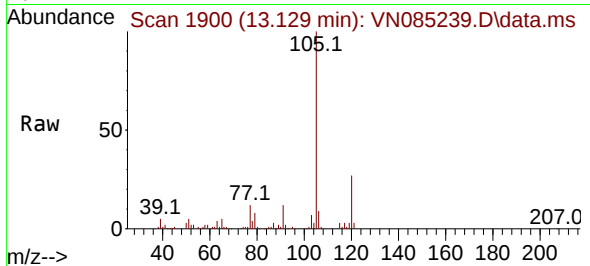




#79
2-Chlorotoluene
Concen: 2.449 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

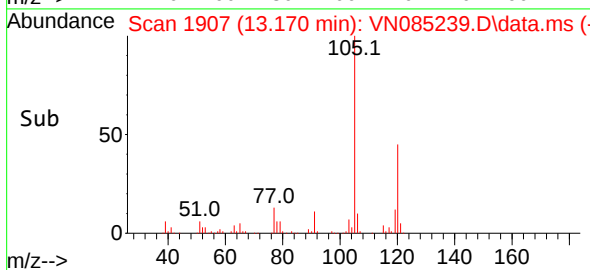
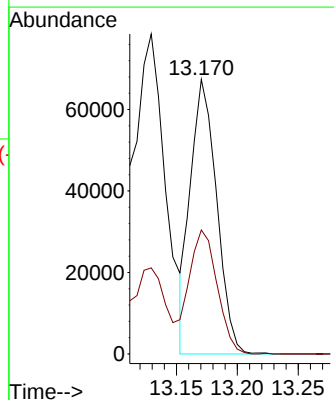
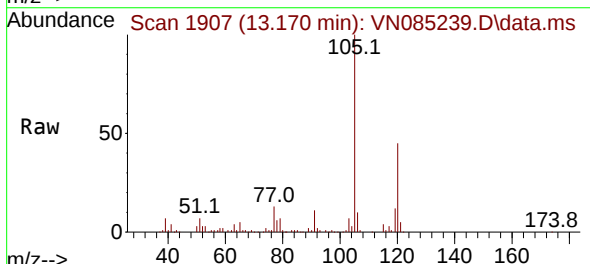
Instrument :
MSVOA_N
ClientSampleId :

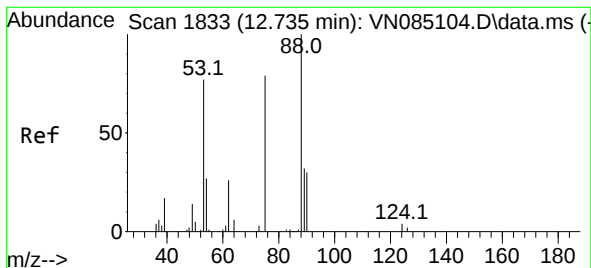
Tgt Ion: 91 Resp: 14803
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#



#80
1,3,5-Trimethylbenzene
Concen: 15.299 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion:105 Resp: 100779
Ion Ratio Lower Upper
105 100
120 49.8 23.6 71.0

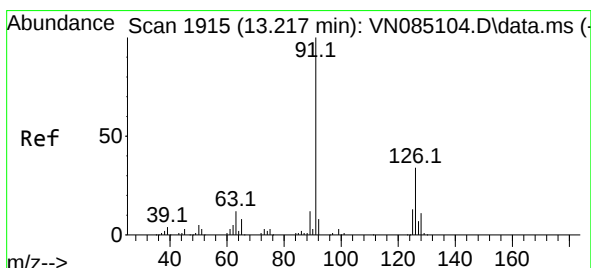
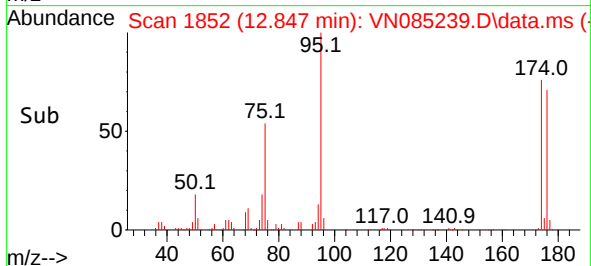
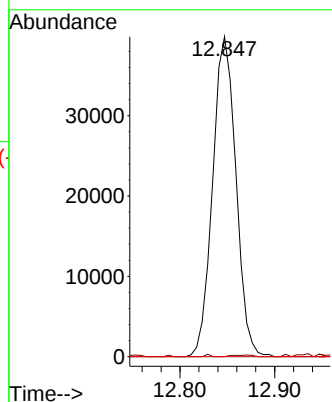
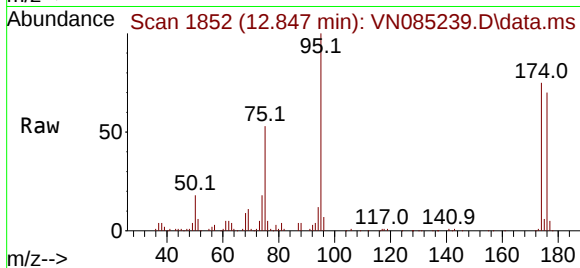




#81
trans-1,4-Dichloro-2-butene
Concen: 74.319 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

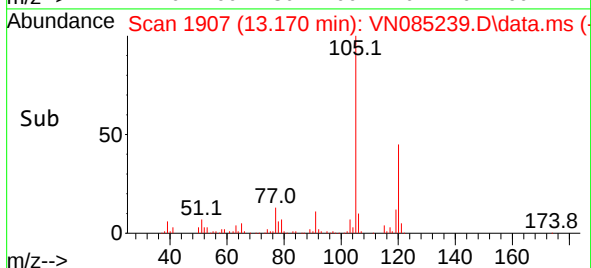
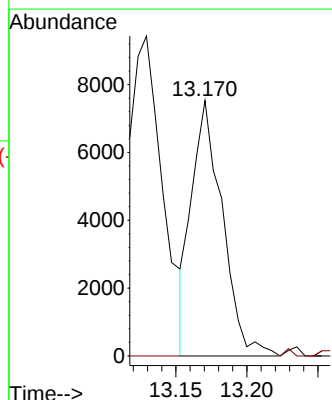
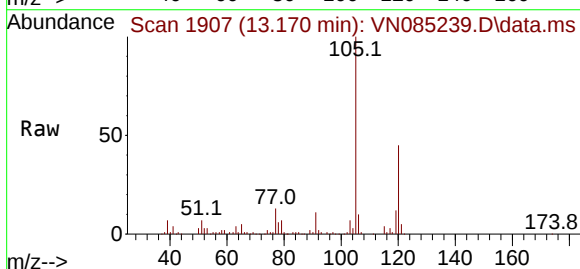
Instrument :
MSVOA_N
ClientSampleId :

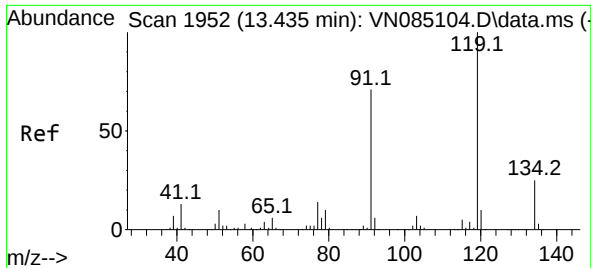
Tgt Ion: 75 Resp: 68139
Ion Ratio Lower Upper
75 100
53 0.2 78.2 117.4#
89 0.0 37.9 56.9#



#82
4-Chlorotoluene
Concen: 1.801 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.047 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Tgt Ion: 91 Resp: 11330
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#

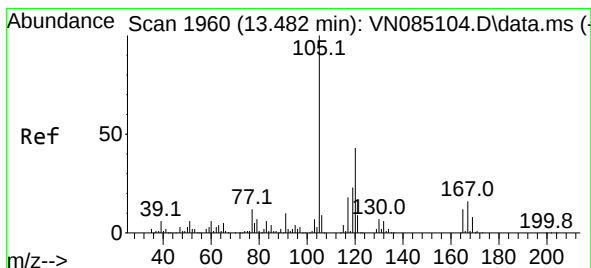
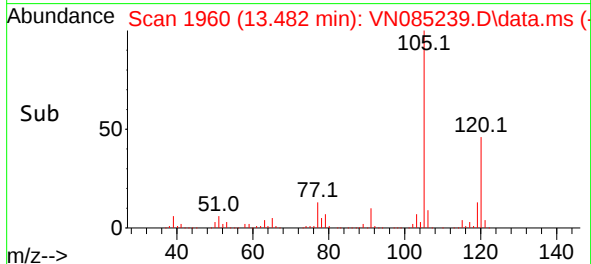
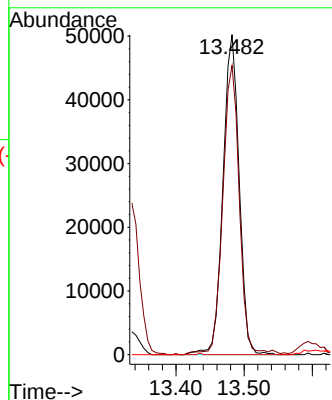
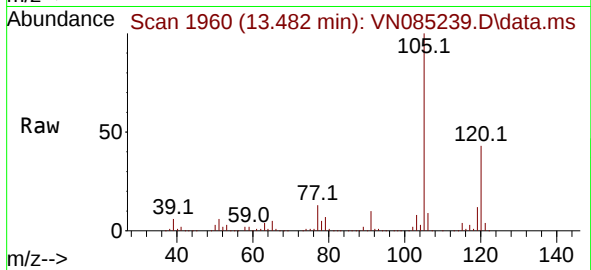




#83
 tert-Butylbenzene
 Concen: 14.624 ug/l
 RT: 13.482 min Scan# 1952
 Delta R.T. 0.047 min
 Lab File: VN085239.D
 Acq: 17 Dec 2024 21:11

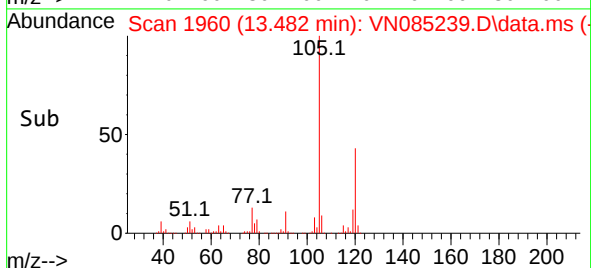
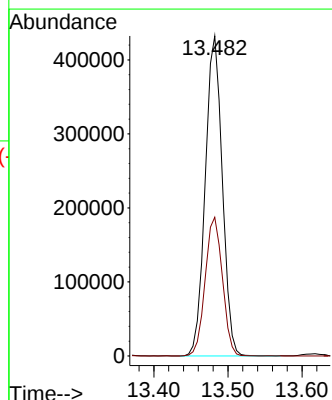
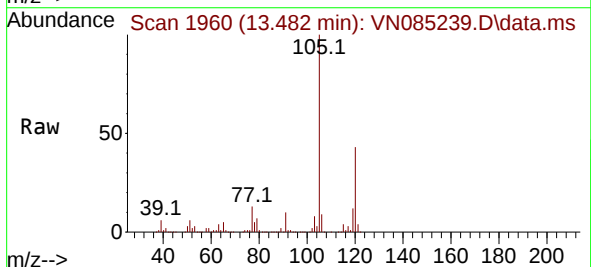
Instrument :
 MSVOA_N
 ClientSampleId :

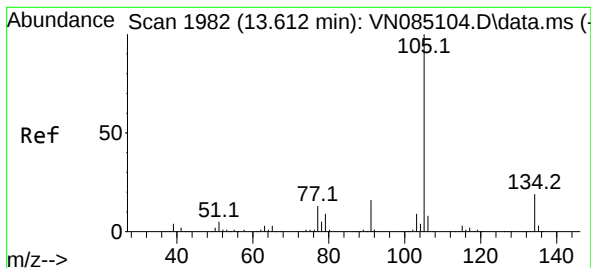
Tgt Ion:119 Resp: 82884
 Ion Ratio Lower Upper
 119 100
 91 93.1 35.1 105.5
 134 0.0 12.1 36.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 101.901 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085239.D
 Acq: 17 Dec 2024 21:11

Tgt Ion:105 Resp: 690950
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.8 65.4





#85

sec-Butylbenzene

Concen: 90.246 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.130 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

Instrument :

MSVOA_N

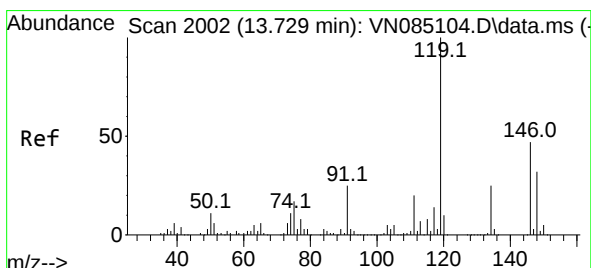
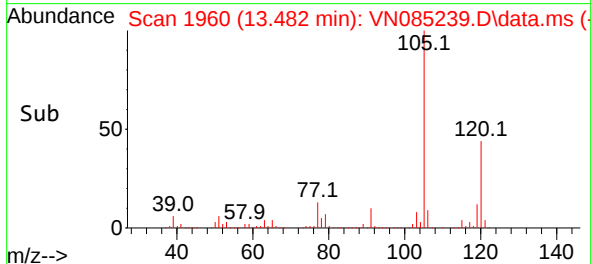
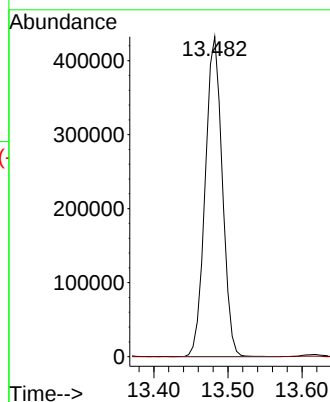
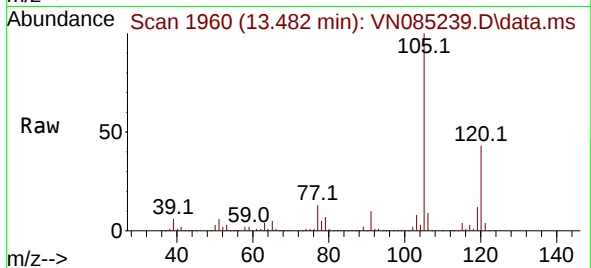
ClientSampleId :

Tgt Ion:105 Resp: 690950

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 1.719 ug/l

RT: 13.670 min Scan# 1992

Delta R.T. -0.053 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

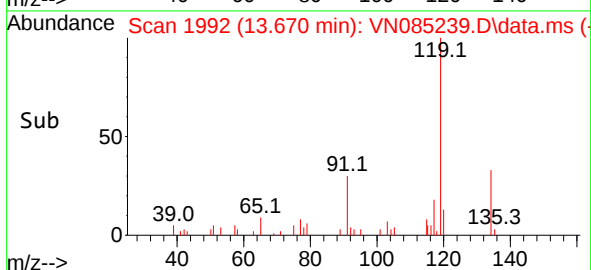
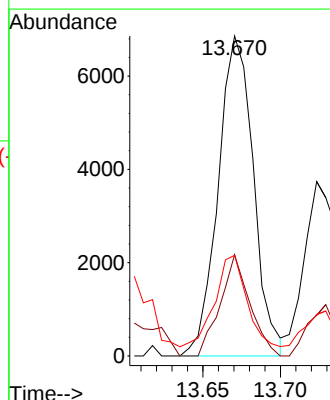
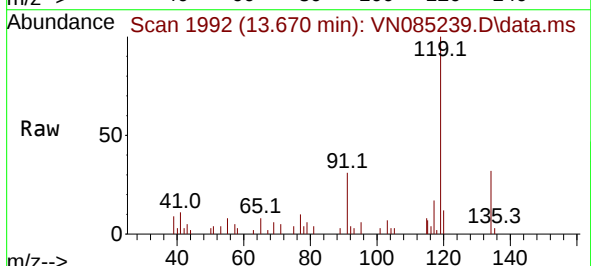
Tgt Ion:119 Resp: 10866

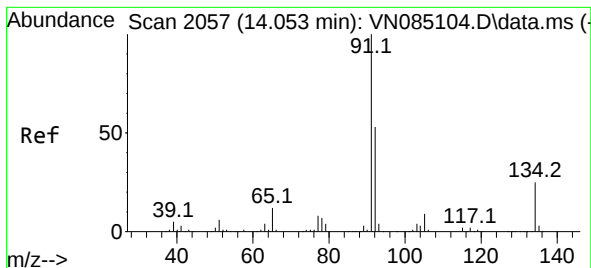
Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 25.4 12.8 38.4





#89

n-Butylbenzene

Concen: 0.443 ug/l

RT: 14.112 min Scan# 2057

Delta R.T. 0.059 min

Lab File: VN085239.D

Acq: 17 Dec 2024 21:11

Instrument :

MSVOA_N

ClientSampleId :

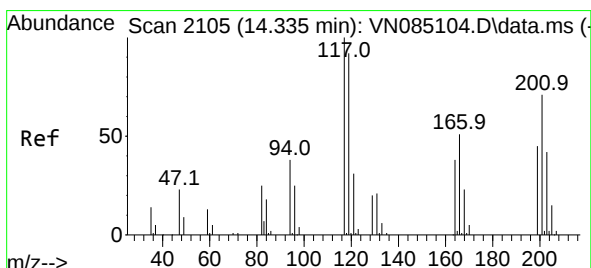
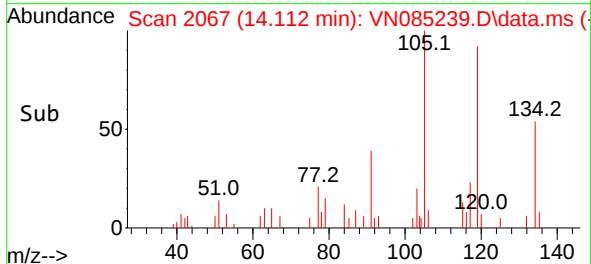
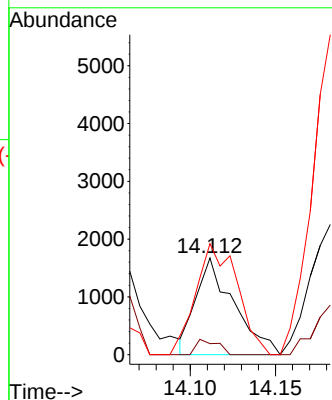
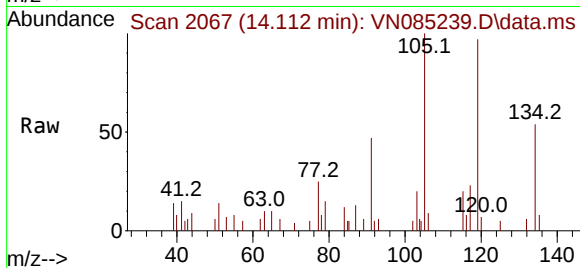
Tgt Ion: 91 Resp: 2601

Ion Ratio Lower Upper

91 100

92 0.0 26.8 80.3#

134 125.7 12.8 38.4#



#90

Hexachloroethane

Concen: 6.933 ug/l

RT: 14.323 min Scan# 2103

Delta R.T. -0.006 min

Lab File: VN085239.D

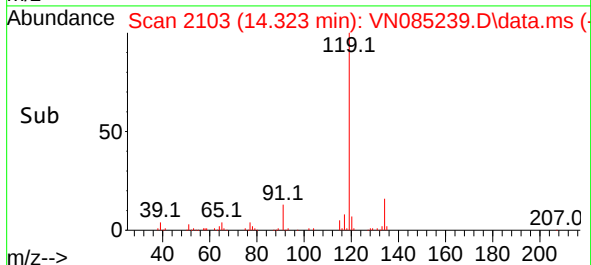
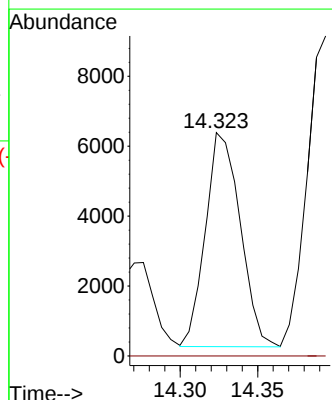
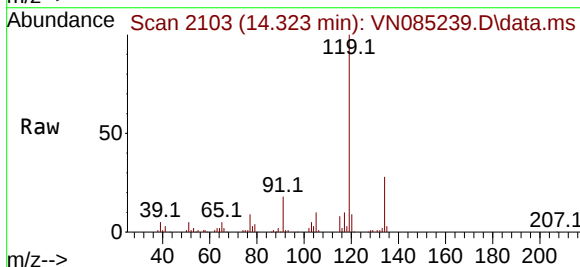
Acq: 17 Dec 2024 21:11

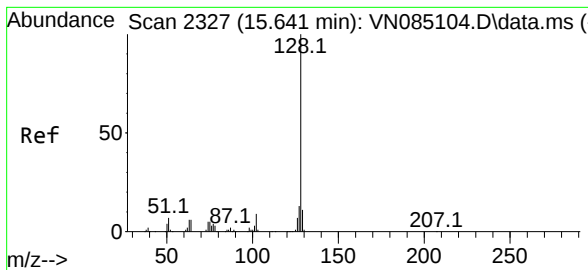
Tgt Ion: 117 Resp: 9552

Ion Ratio Lower Upper

117 100

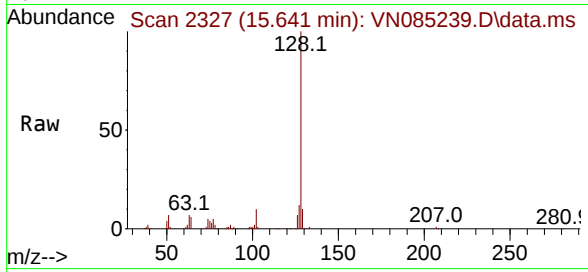
201 0.0 35.2 105.6#





#95
Naphthalene
Concen: 25.863 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085239.D
Acq: 17 Dec 2024 21:11

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 159783
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.8 8.6 12.8

