

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031425\
 Data File : VN085992.D
 Acq On : 14 Mar 2025 16:21
 Operator : JC\MD
 Sample : Q1575-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW3

Quant Time: Mar 15 00:05:13 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	152434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101383	51.301	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.600%
35) Dibromofluoromethane	8.165	113	85842	47.809	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.620%
50) Toluene-d8	10.565	98	328491	50.285	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.847	95	122032	56.697	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.400%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.518	62	727	0.330	ug/l #	42
11) Tert butyl alcohol	5.524	59	2237	9.203	ug/l #	72
14) Allyl chloride	5.277	41	14391	6.557	ug/l #	55
16) Acetone	4.430	43	2278	3.643	ug/l #	40
17) Carbon Disulfide	4.712	76	1335	0.269	ug/l #	75
18) Methyl Acetate	5.277	43	29536	13.732	ug/l #	47
19) Methyl tert-butyl Ether	5.800	73	1059	0.213	ug/l #	1
20) Methylene Chloride	5.265	84	1192	0.593	ug/l #	33
25) 2-Butanone	7.494	43	3010	3.272	ug/l #	45
27) cis-1,2-Dichloroethene	7.477	96	659	0.316	ug/l	56
31) Cyclohexane	8.218	56	8868	3.142	ug/l #	69
36) 1,1-Dichloropropene	8.218	75	11986	4.717	ug/l #	52
37) Ethyl Acetate	7.494	43	3010	1.439	ug/l #	54
38) Carbon Tetrachloride	8.218	117	16326	5.407	ug/l #	19
39) Methylcyclohexane	9.324	83	1662	0.666	ug/l	93
43) Isopropyl Acetate	8.759	43	256603	70.139	ug/l #	53
45) 1,2-Dichloropropane	9.600	63	511	0.260	ug/l #	1
47) Bromodichloromethane	9.876	83	1748	0.589	ug/l #	26
48) Methyl methacrylate	9.723	41	25270	16.271	ug/l #	37
51) 4-Methyl-2-Pentanone	10.494	43	16453	8.160	ug/l #	81
52) Toluene	10.623	92	1621	0.340	ug/l	76
55) 1,1,2-Trichloroethane	11.006	97	8921	4.700	ug/l #	35
56) Ethyl methacrylate	10.906	69	2143	1.335	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.141	63	2484	Below Cal	#	46
59) 2-Hexanone	11.241	43	9707	6.998	ug/l	92
67) Ethyl Benzene	11.965	91	2984	0.328	ug/l	96
68) m/p-Xylenes	12.065	106	1966	0.570	ug/l #	66
69) o-Xylene	12.388	106	892	0.272	ug/l	82
70) Styrene	12.412	104	199	0.620	ug/l #	46
73) Isopropylbenzene	12.694	105	12296	1.580	ug/l	100
74) N-amyl acetate	12.470	43	2469	0.900	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.935	83	552	0.206	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	62340	24.708	ug/l #	1
78) n-propylbenzene	13.035	91	31441	3.528	ug/l	98
79) 2-Chlorotoluene	13.035	91	31441	5.281	ug/l #	42
81) trans-1,4-Dichloro-2-b...	12.847	75	62340	72.093	ug/l #	12

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

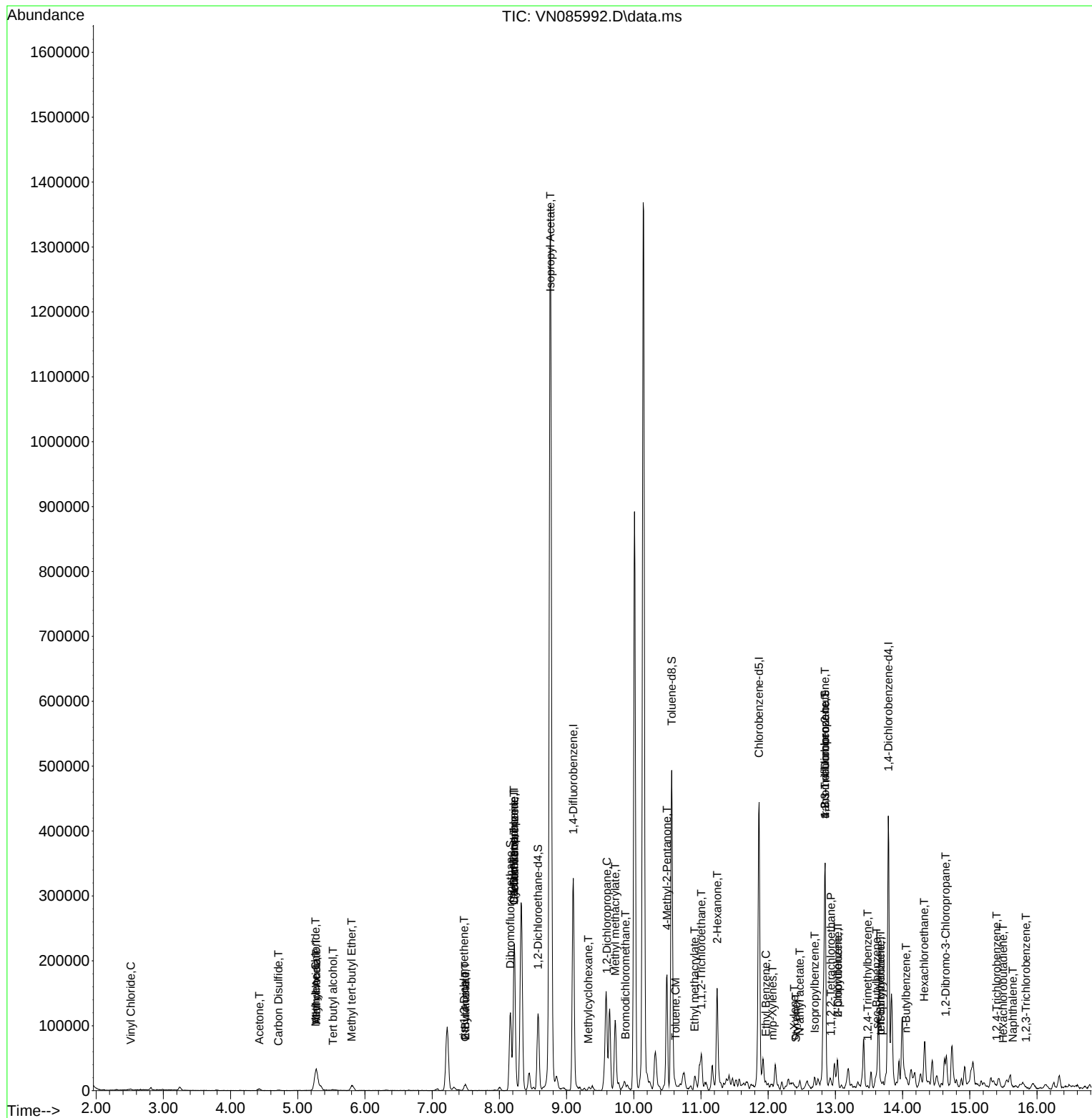
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.670	119	2099	0.394	ug/l	90
84) 1,2,4-Trimethylbenzene	13.482	105	3014	0.481	ug/l	95
85) sec-Butylbenzene	13.611	105	3697	0.491	ug/l #	1
86) p-Isopropyltoluene	13.670	119	2099	0.951	ug/l #	69
89) n-Butylbenzene	14.053	91	4968	0.929	ug/l #	72
90) Hexachloroethane	14.323	117	3717	2.606	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.641	75	242	0.492	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.400	180	381	0.211	ug/l #	22
94) Hexachlorobutadiene	15.494	225	237	0.216	ug/l #	52
95) Naphthalene	15.641	128	3628	0.732	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.835	180	385	0.212	ug/l #	1

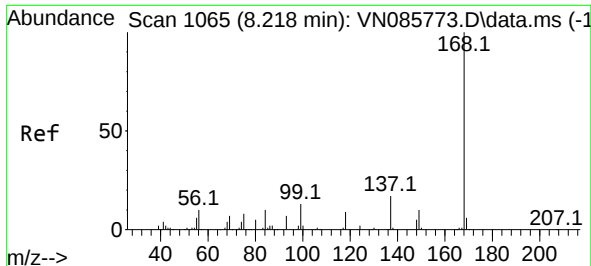
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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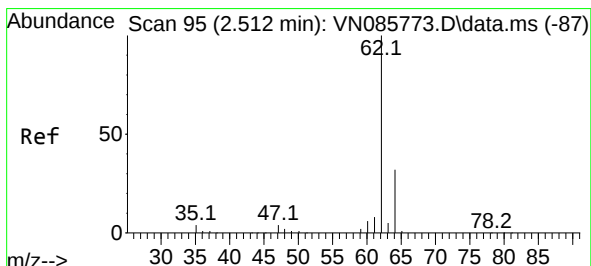
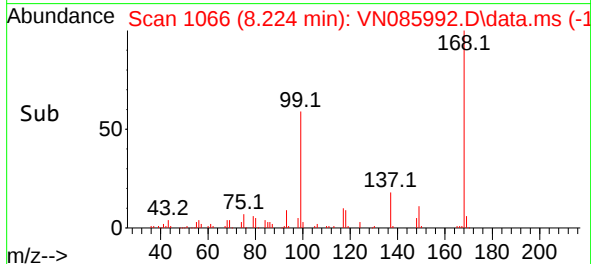
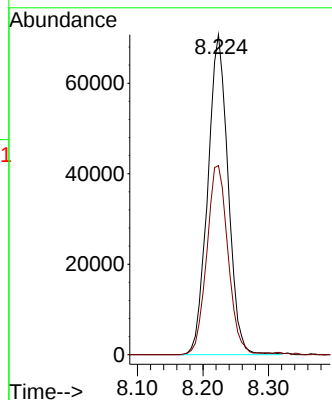
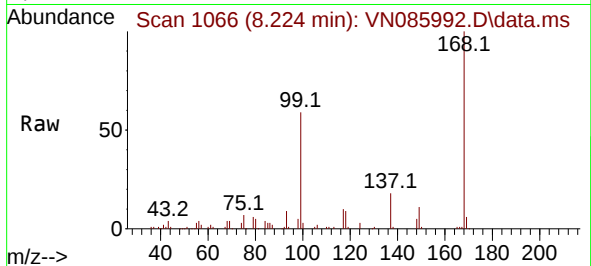




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085992.D
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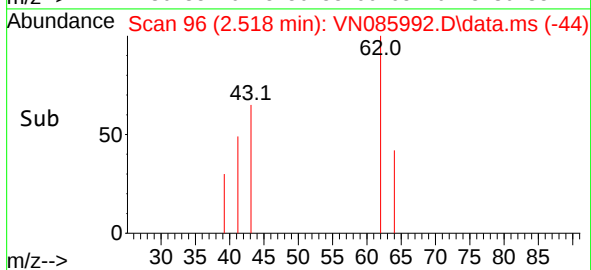
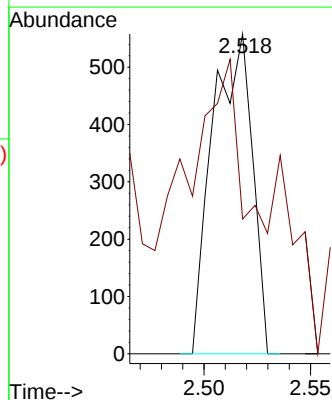
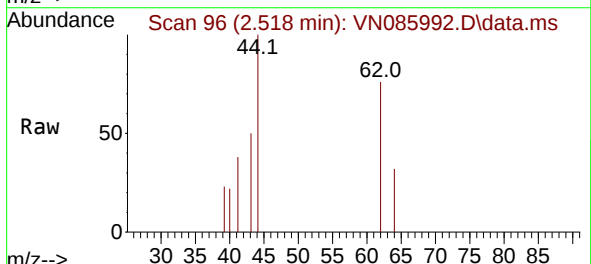
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MSVOA_N
ClientSampleId :
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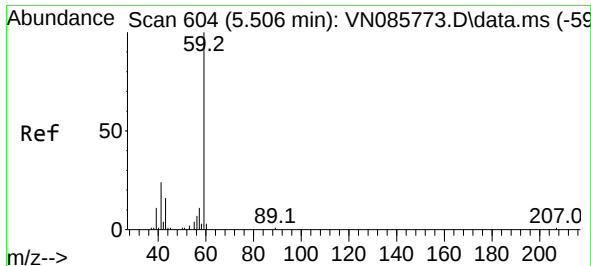
Tgt Ion:168 Resp: 152434
Ion Ratio Lower Upper
168 100
99 59.1 47.9 71.9



#4
Vinyl Chloride
Concen: 0.330 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

Tgt Ion: 62 Resp: 727
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#

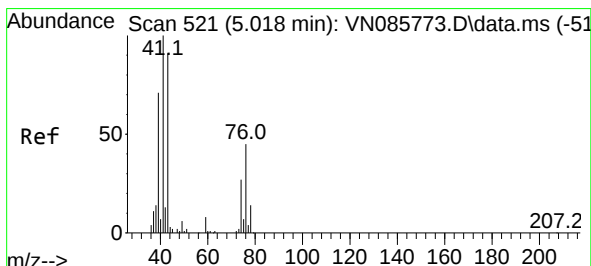
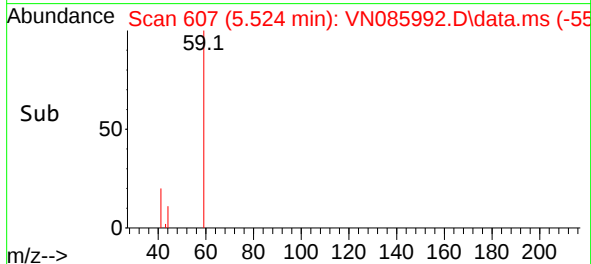
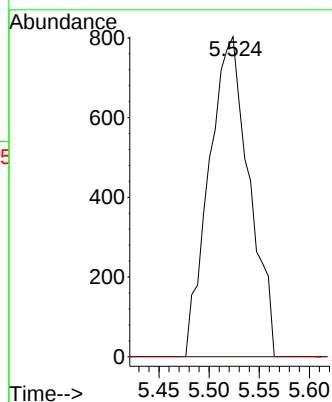
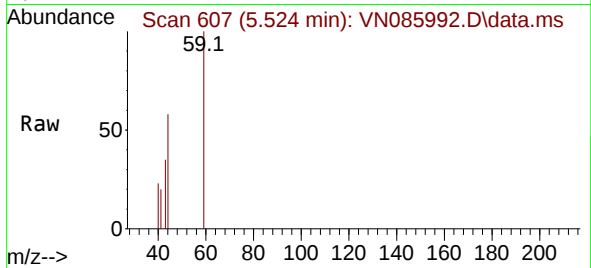




#11
Tert butyl alcohol
Concen: 9.203 ug/l
RT: 5.524 min Scan# 604
Delta R.T. 0.018 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

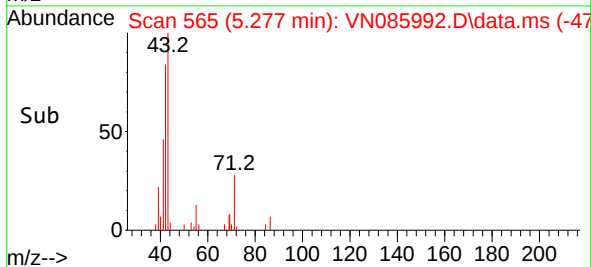
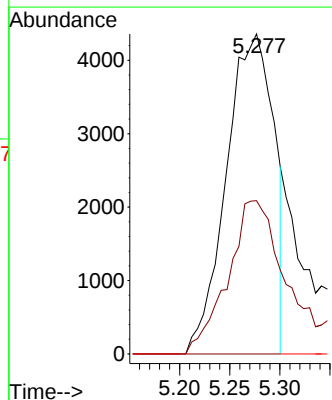
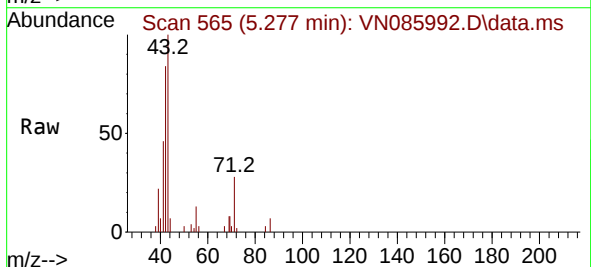
Instrument :
MSVOA_N
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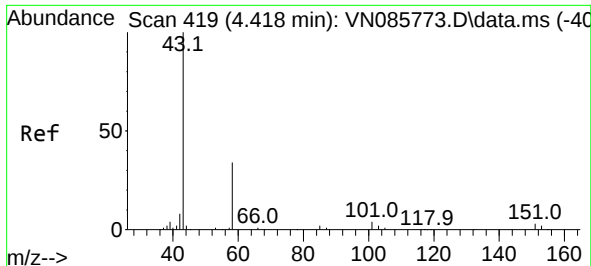
Tgt Ion: 59 Resp: 2237
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 6.557 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.259 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

Tgt Ion: 41 Resp: 14391
Ion Ratio Lower Upper
41 100
39 46.3 57.4 86.2#
76 0.0 36.2 54.2#

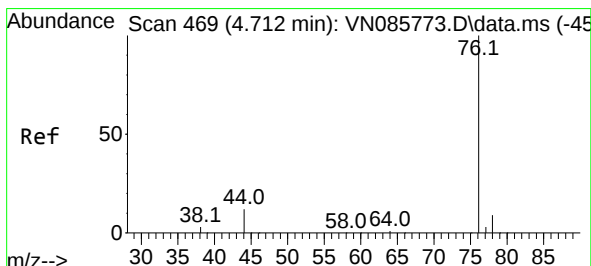
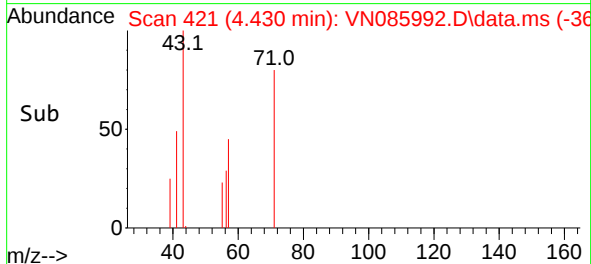
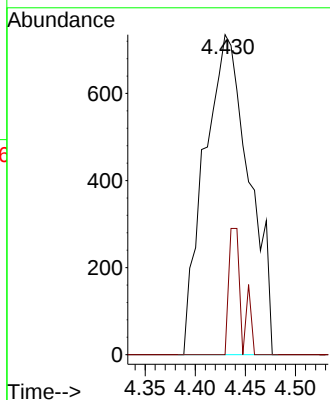
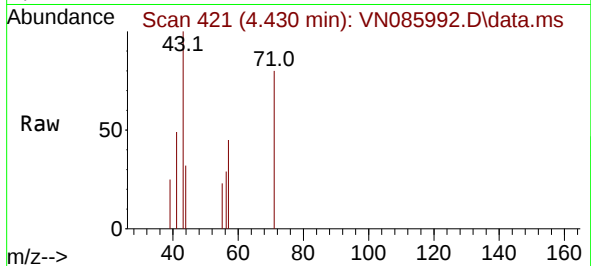




#16
Acetone
Concen: 3.643 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

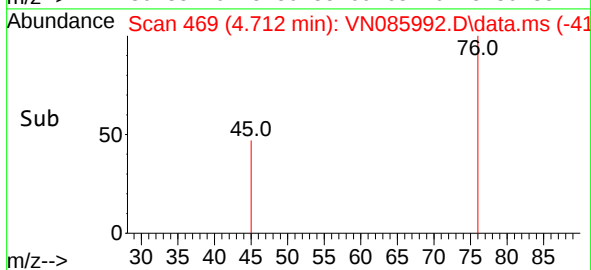
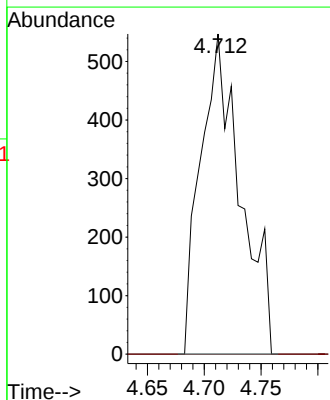
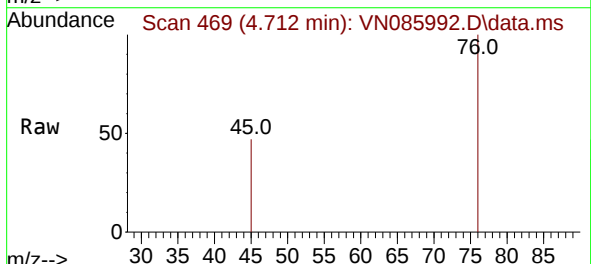
Instrument :
MSVOA_N
ClientSampleId :
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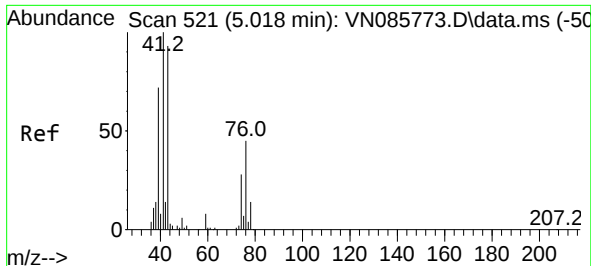
Tgt Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

Tgt Ion: 76 Resp: 1335
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: 13.732 ug/l

RT: 5.277 min Scan# 5

Delta R.T. 0.259 min

Lab File: VN085992.D

Acq: 14 Mar 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

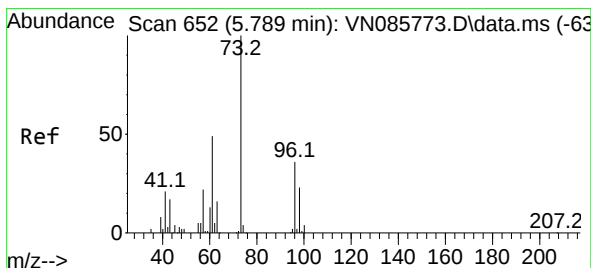
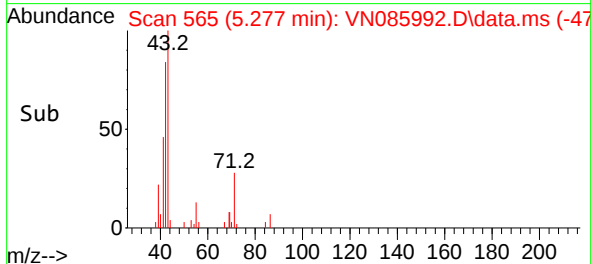
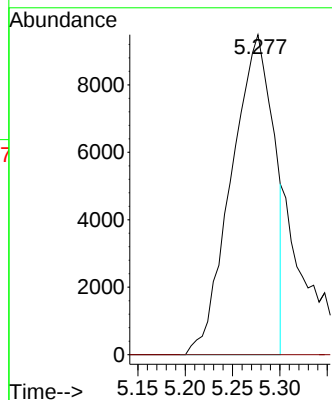
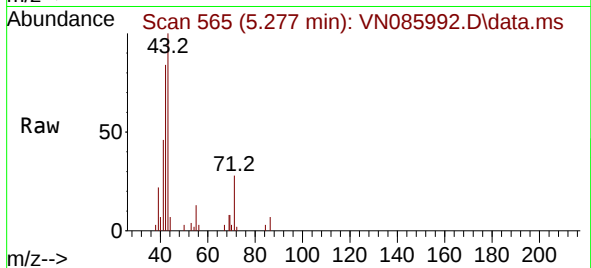
MW3

Tgt Ion: 43 Resp: 29536

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.4#



#19

Methyl tert-butyl Ether

Concen: 0.213 ug/l

RT: 5.800 min Scan# 654

Delta R.T. 0.012 min

Lab File: VN085992.D

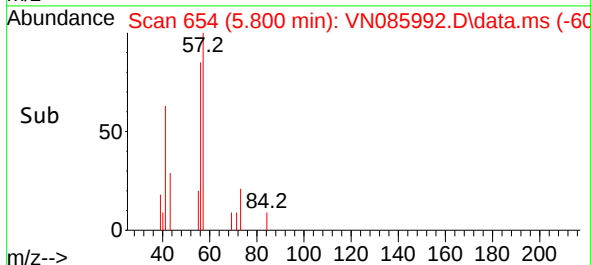
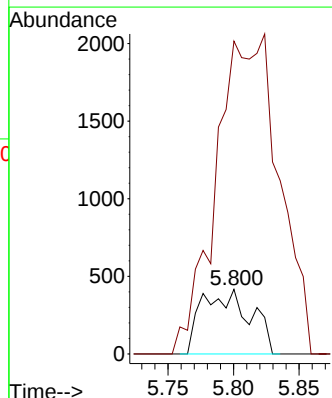
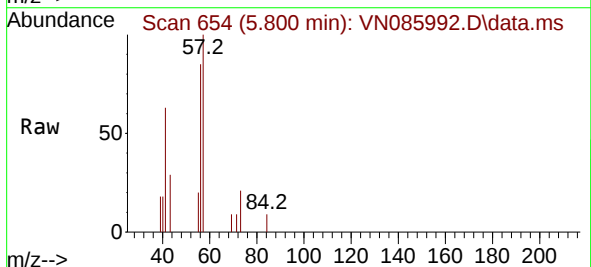
Acq: 14 Mar 2025 16:21

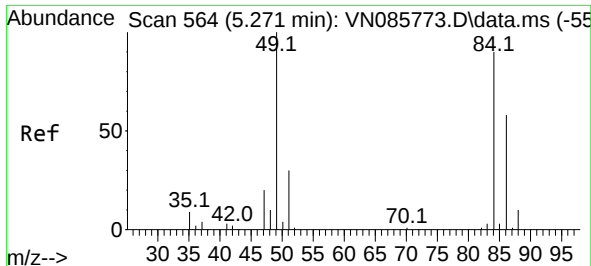
Tgt Ion: 73 Resp: 1059

Ion Ratio Lower Upper

73 100

57 442.8 17.6 26.4#

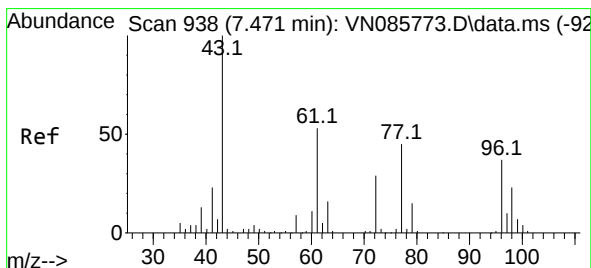
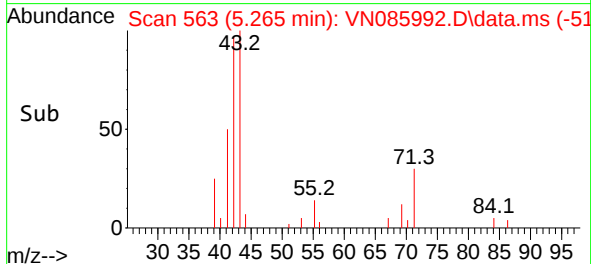
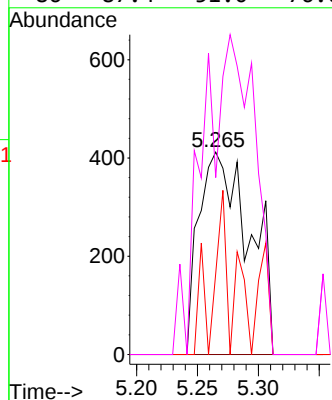
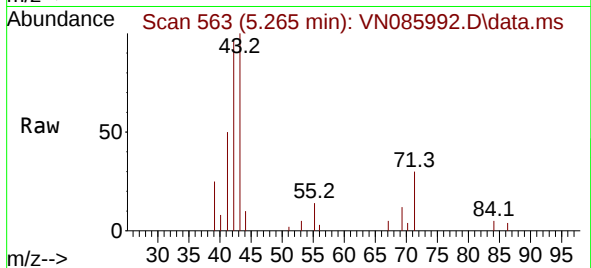




#20
Methylene Chloride
Concen: 0.593 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

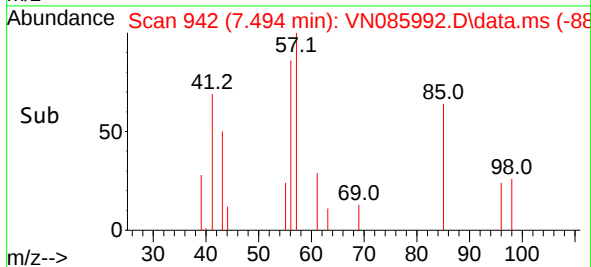
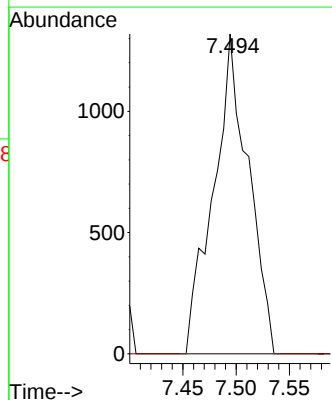
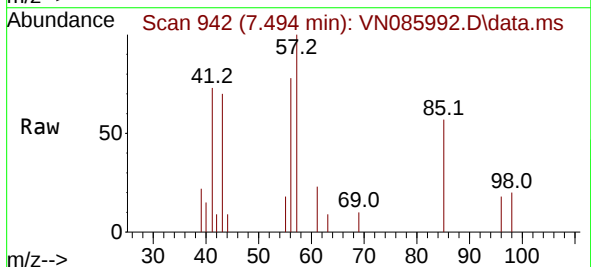
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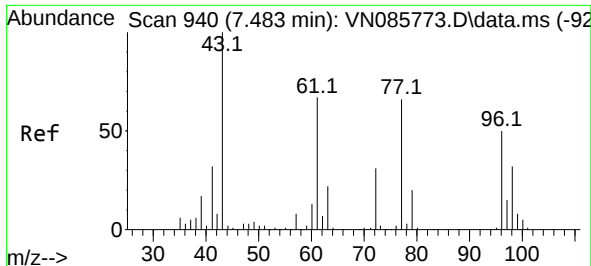
Tgt Ion:	84	Resp:	1192
Ion	Ratio	Lower	Upper
84	100		
49	0.0	88.4	132.6#
51	40.0	26.6	40.0#
86	87.4	51.0	76.6#



#25
2-Butanone
Concen: 3.272 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.023 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

Tgt Ion:	43	Resp:	3010
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.6	35.4#

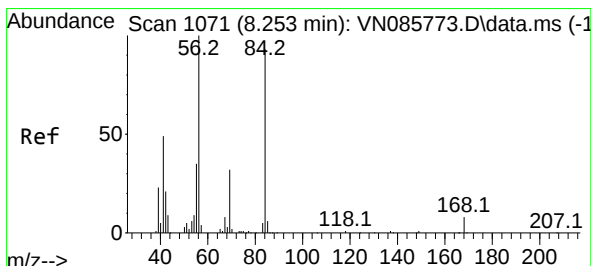
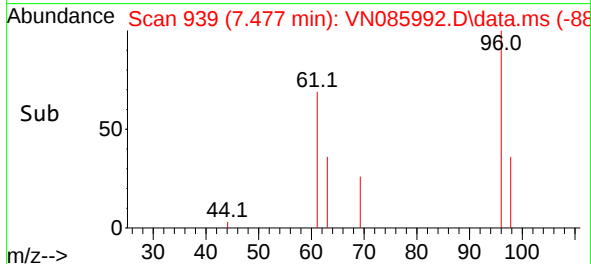
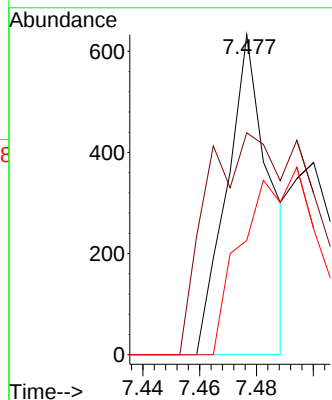
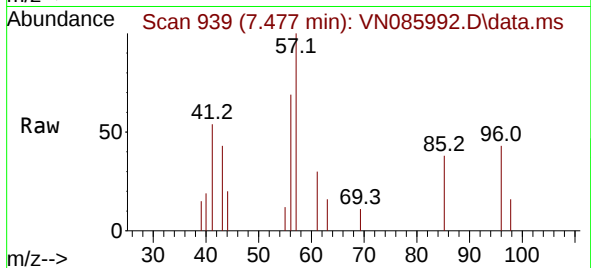




#27
 cis-1,2-Dichloroethene
 Concen: 0.316 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN085992.D
 Acq: 14 Mar 2025 16:21

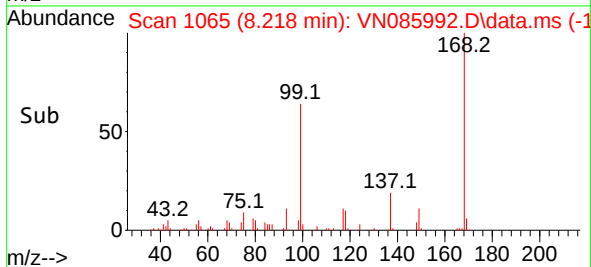
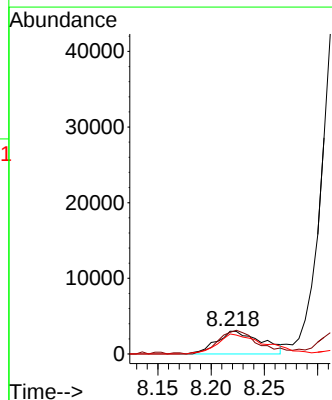
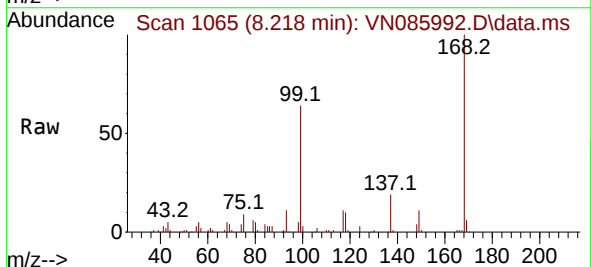
Instrument :
 MSVOA_N
 ClientSampleId :
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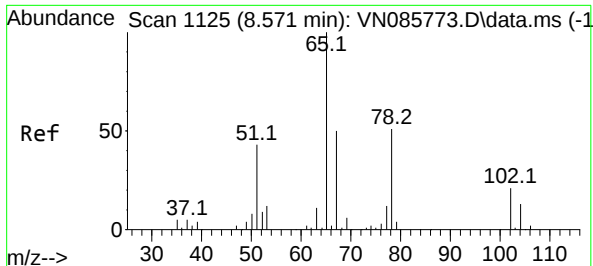
Tgt Ion: 96	Resp: 659		
Ion	Ratio	Lower	Upper
96	100		
61	180.6	0.0	280.6
98	117.1	0.0	128.6



#31
 Cyclohexane
 Concen: 3.142 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.035 min
 Lab File: VN085992.D
 Acq: 14 Mar 2025 16:21

Tgt Ion: 56	Resp: 8868		
Ion Ratio	Lower	Upper	
56	100		
69	89.6	25.8	38.6#
84	87.5	74.5	111.7





#33

1,2-Dichloroethane-d4

Concen: 51.301 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085992.D

Acq: 14 Mar 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

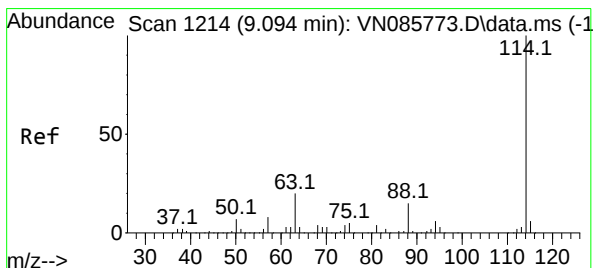
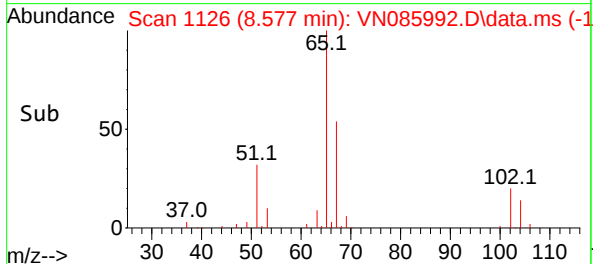
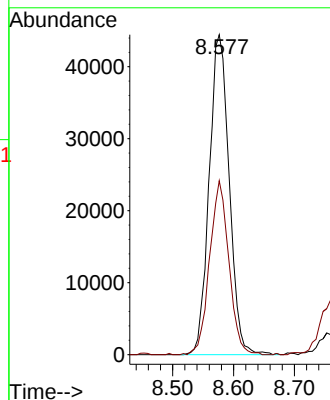
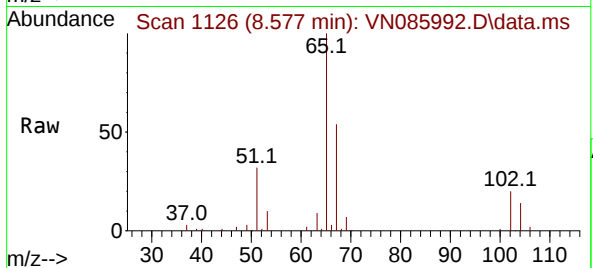
MW3

Tgt Ion: 65 Resp: 101383

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085992.D

Acq: 14 Mar 2025 16:21

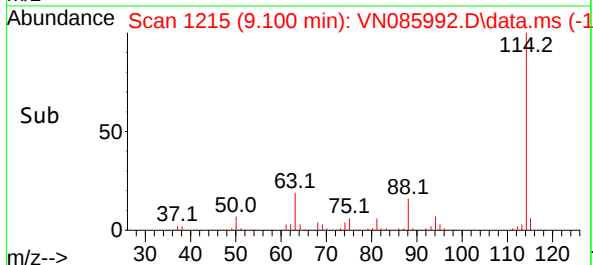
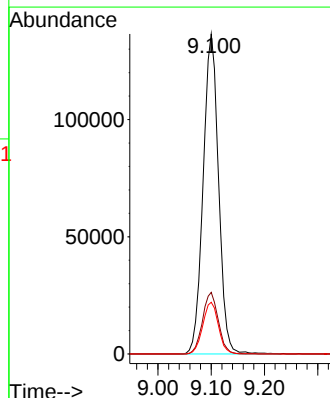
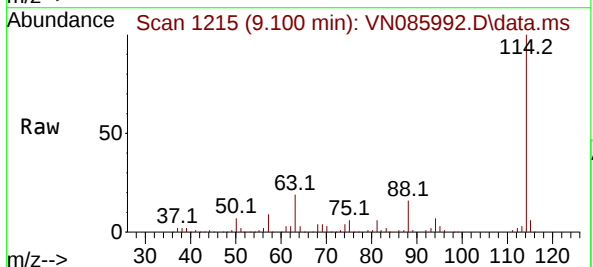
Tgt Ion: 114 Resp: 274394

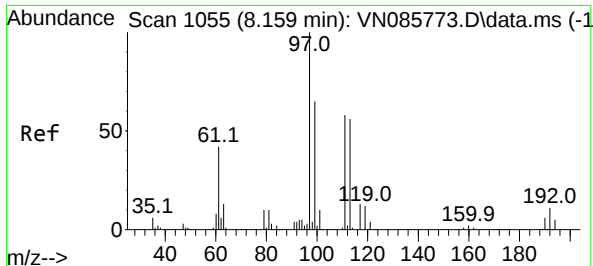
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

88 16.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.809 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085992.D

Acq: 14 Mar 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

MW3

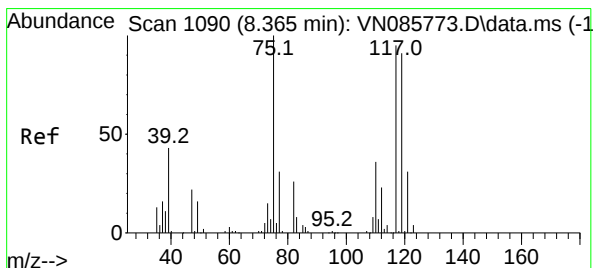
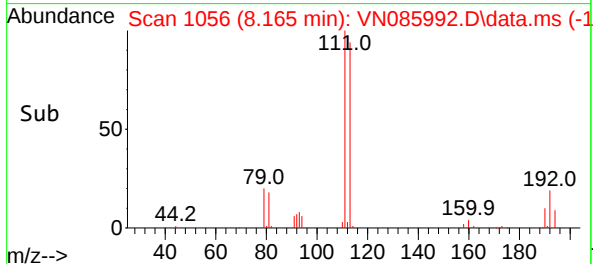
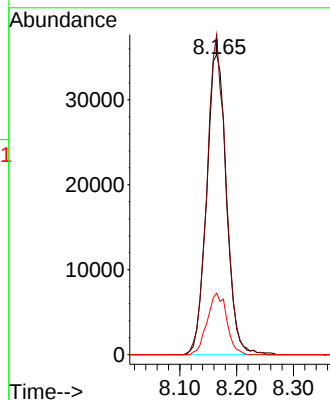
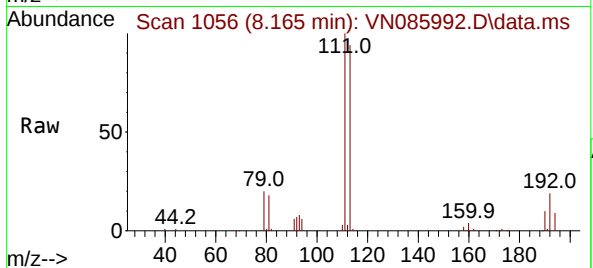
Tgt Ion:113 Resp: 85842

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 20.1 14.7 22.1



#36

1,1-Dichloropropene

Concen: 4.717 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085992.D

Acq: 14 Mar 2025 16:21

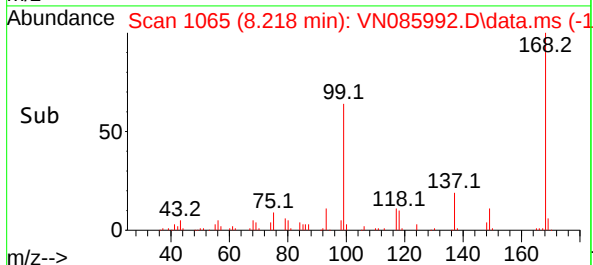
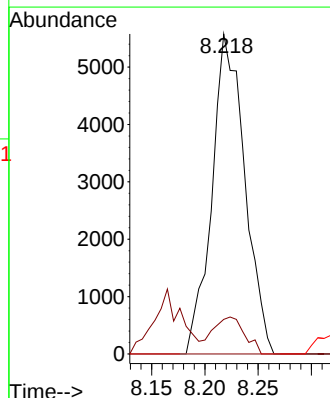
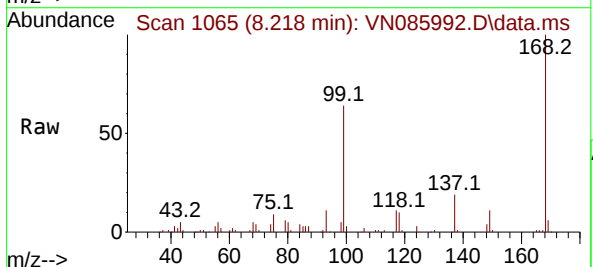
Tgt Ion: 75 Resp: 11986

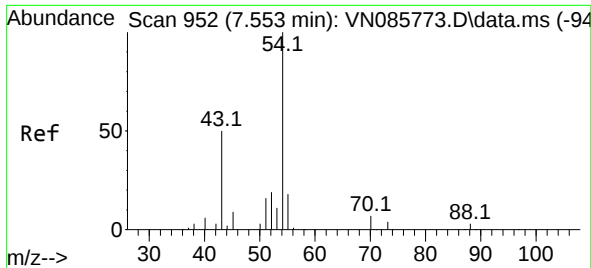
Ion Ratio Lower Upper

75 100

110 11.3 17.3 52.0#

77 0.0 24.6 37.0#

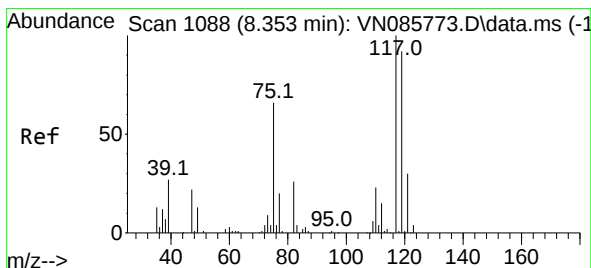
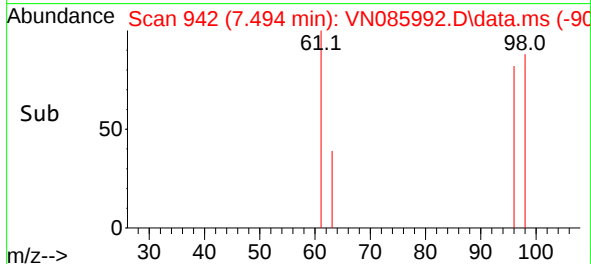
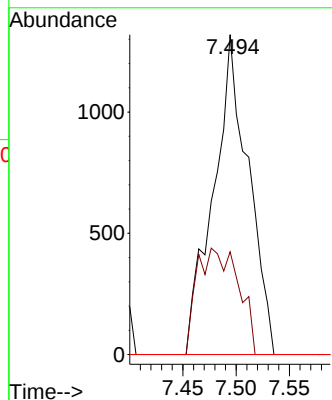
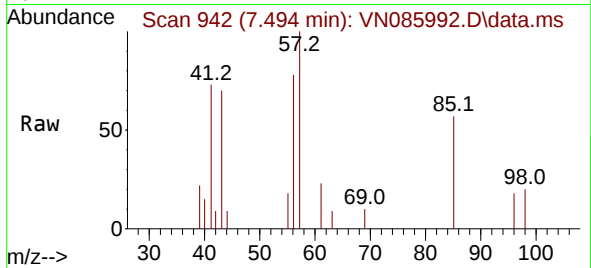




#37
Ethyl Acetate
Concen: 1.439 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.059 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

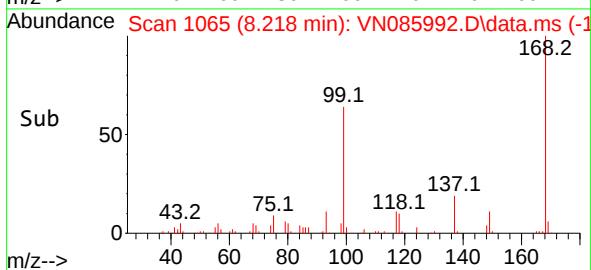
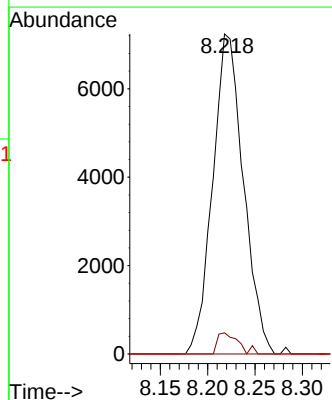
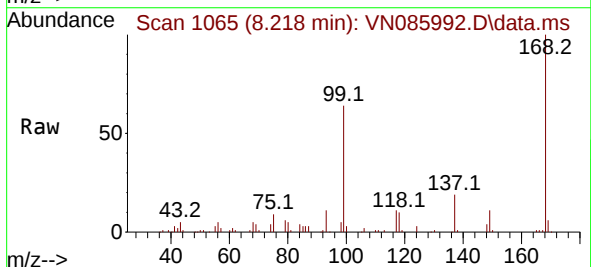
Instrument :
MSVOA_N
ClientSampleId :
MW3

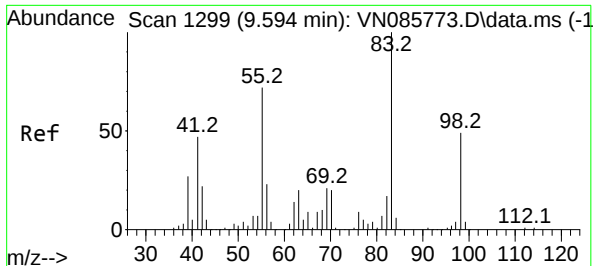
Tgt Ion: 43 Resp: 3010
Ion Ratio Lower Upper
43 100
61 39.5 12.2 18.2#
70 0.0 9.5 14.3#



#38
Carbon Tetrachloride
Concen: 5.407 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.135 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

Tgt Ion: 117 Resp: 16326
Ion Ratio Lower Upper
117 100
119 6.6 73.8 110.6#
121 0.0 24.3 36.5#





#39

Methylcyclohexane

Concen: 0.666 ug/l

RT: 9.324 min Scan# 1157

Delta R.T. -0.271 min

Lab File: VN085992.D

Acq: 14 Mar 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

MW3

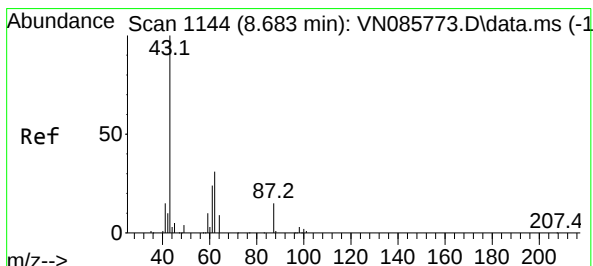
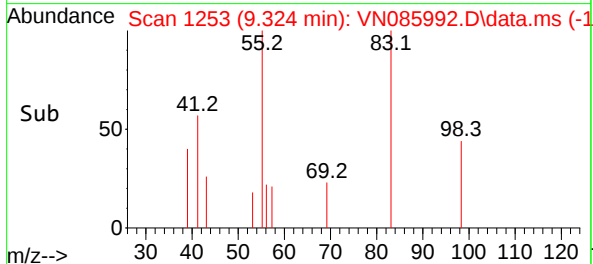
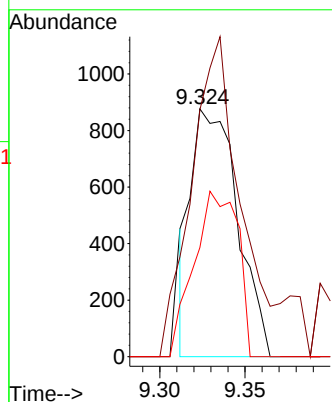
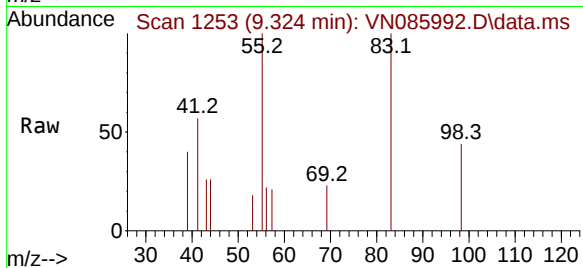
Tgt Ion: 83 Resp: 1662

Ion Ratio Lower Upper

83 100

55 78.1 57.5 86.3

98 44.0 39.2 58.8



#43

Isopropyl Acetate

Concen: 70.139 ug/l

RT: 8.759 min Scan# 1157

Delta R.T. 0.076 min

Lab File: VN085992.D

Acq: 14 Mar 2025 16:21

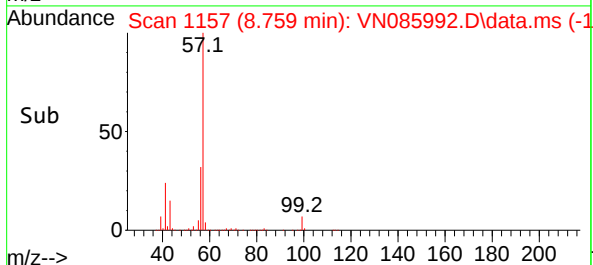
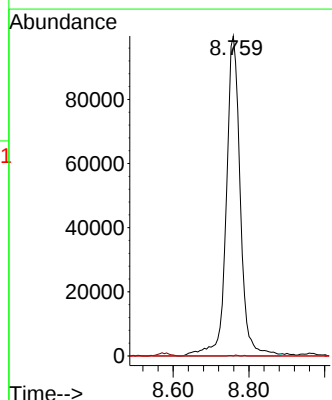
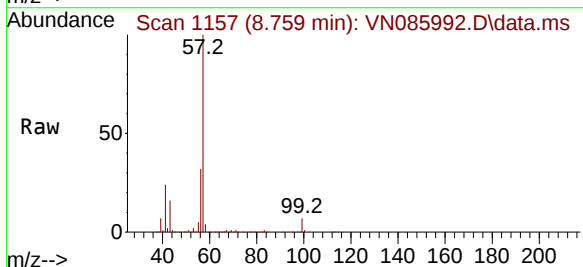
Tgt Ion: 43 Resp: 256603

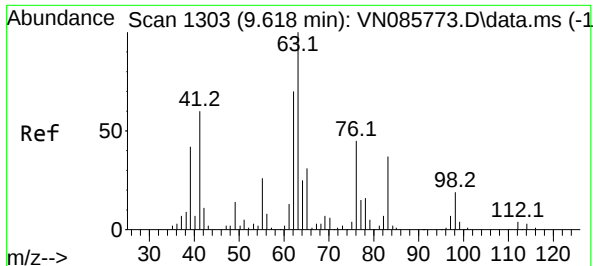
Ion Ratio Lower Upper

43 100

61 0.1 22.6 34.0#

87 0.0 11.8 17.8#





#45

1,2-Dichloropropane

Concen: 0.260 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN085992.D

Acq: 14 Mar 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

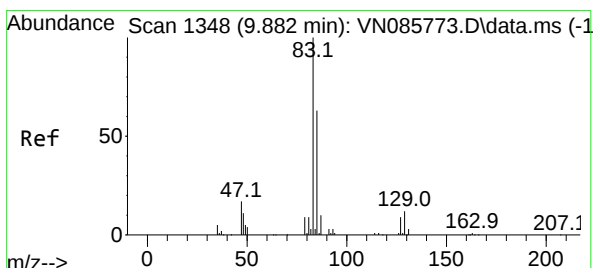
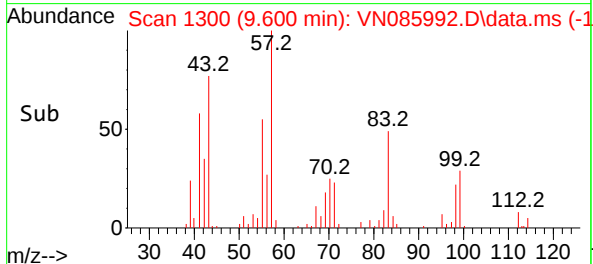
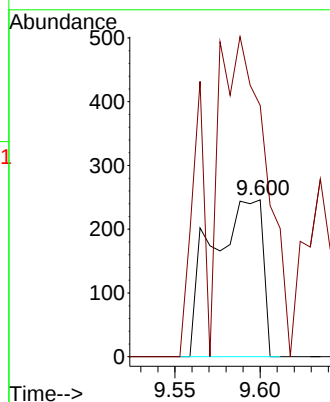
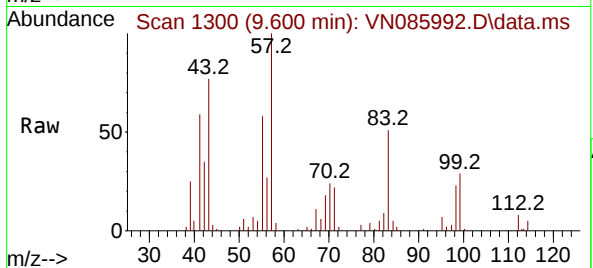
MW3

Tgt Ion: 63 Resp: 511

Ion Ratio Lower Upper

63 100

65 160.2 25.1 37.7#



#47

Bromodichloromethane

Concen: 0.589 ug/l

RT: 9.876 min Scan# 1347

Delta R.T. -0.006 min

Lab File: VN085992.D

Acq: 14 Mar 2025 16:21

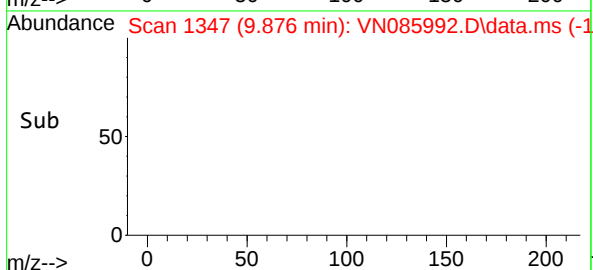
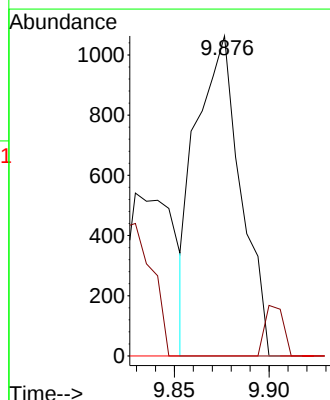
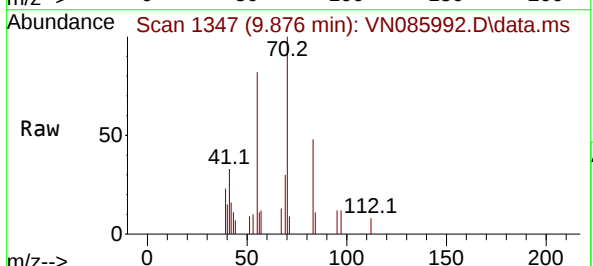
Tgt Ion: 83 Resp: 1748

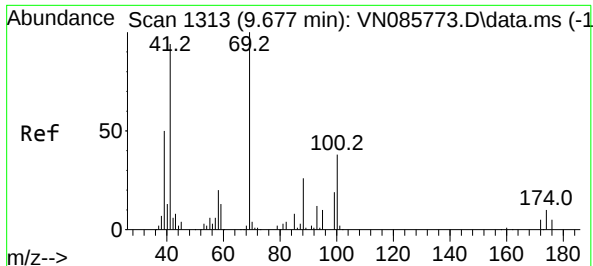
Ion Ratio Lower Upper

83 100

85 0.0 50.5 75.7#

127 0.0 7.2 10.8#





#48

Methyl methacrylate

Concen: 16.271 ug/l

RT: 9.723 min Scan# 1

Delta R.T. 0.047 min

Lab File: VN085992.D

Acq: 14 Mar 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

MW3

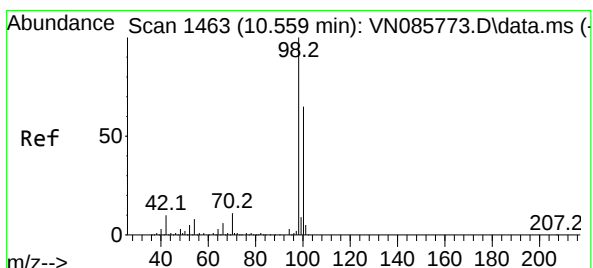
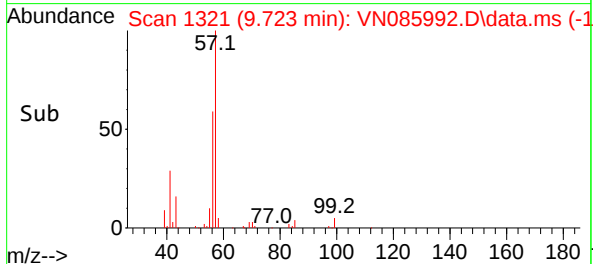
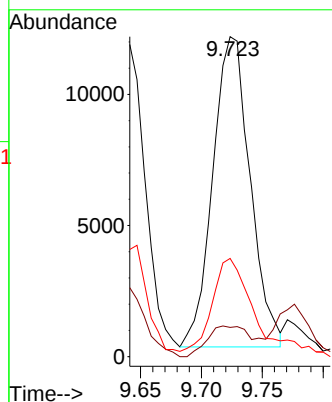
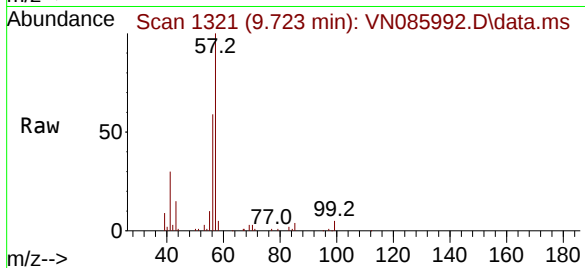
Tgt Ion: 41 Resp: 25270

Ion Ratio Lower Upper

41 100

69 12.4 76.0 114.0#

39 36.8 42.3 63.5#



#50

Toluene-d8

Concen: 50.285 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085992.D

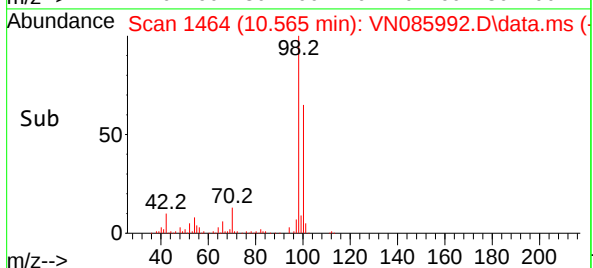
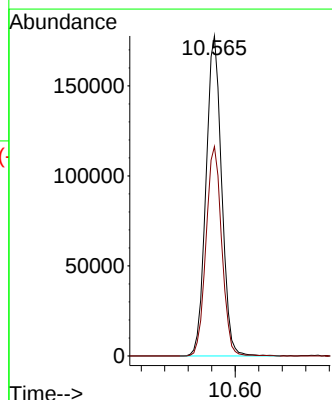
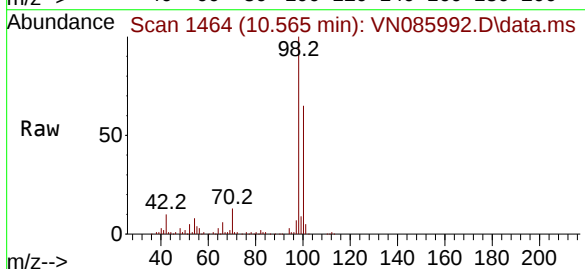
Acq: 14 Mar 2025 16:21

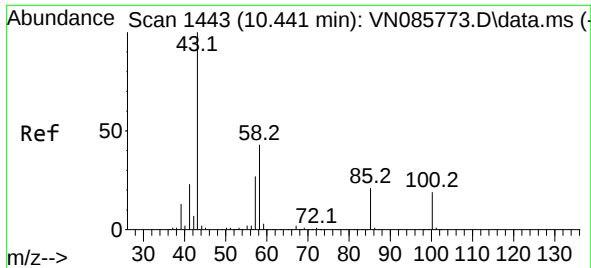
Tgt Ion: 98 Resp: 328491

Ion Ratio Lower Upper

98 100

100 65.6 52.1 78.1

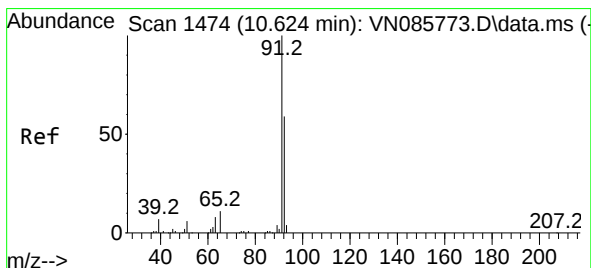
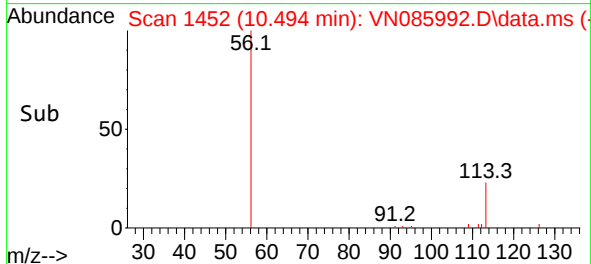
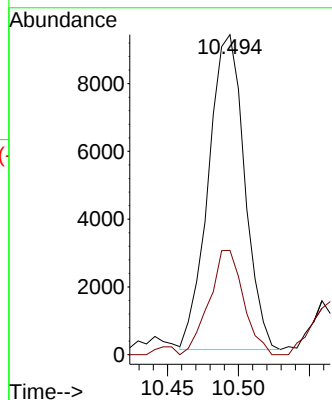
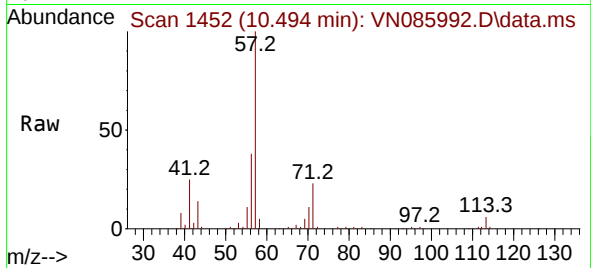




#51
4-Methyl-2-Pentanone
Concen: 8.160 ug/l
RT: 10.494 min Scan# 1443
Delta R.T. 0.053 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

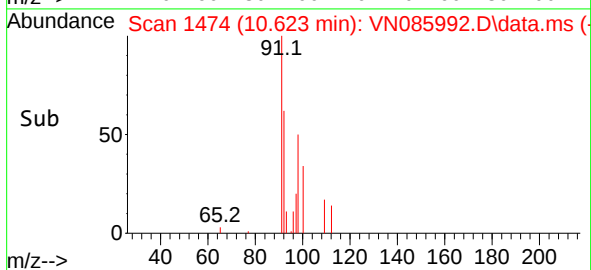
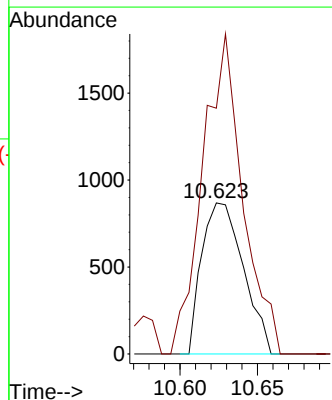
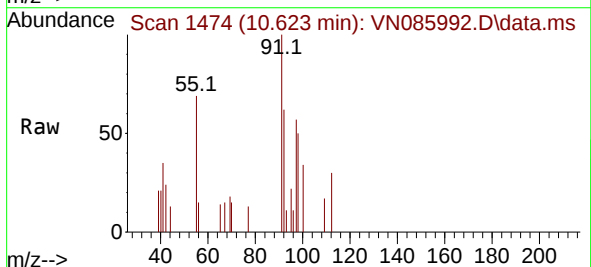
Instrument :
MSVOA_N
ClientSampleId :
MW3

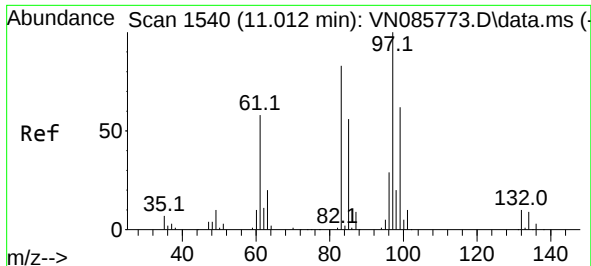
Tgt Ion: 43 Resp: 16453
Ion Ratio Lower Upper
43 100
58 31.3 34.6 52.0#



#52
Toluene
Concen: 0.340 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

Tgt Ion: 92 Resp: 1621
Ion Ratio Lower Upper
92 100
91 204.0 136.9 205.3

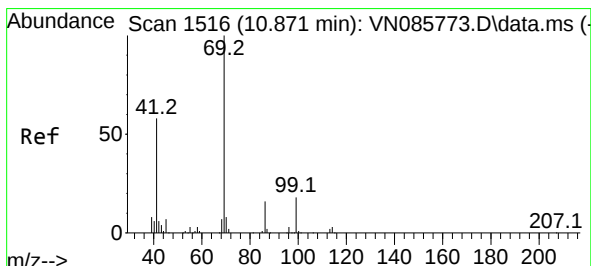
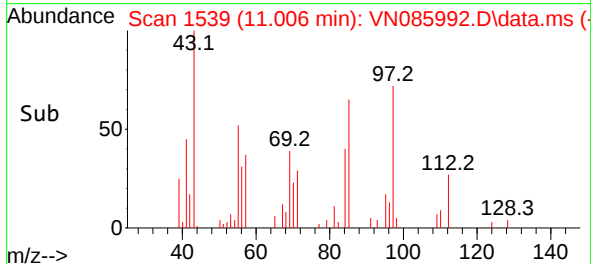
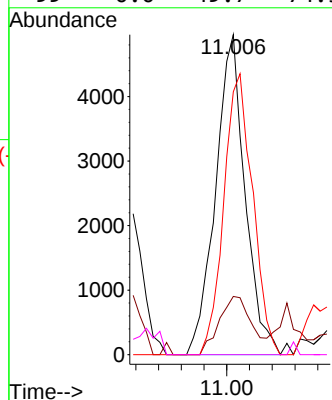
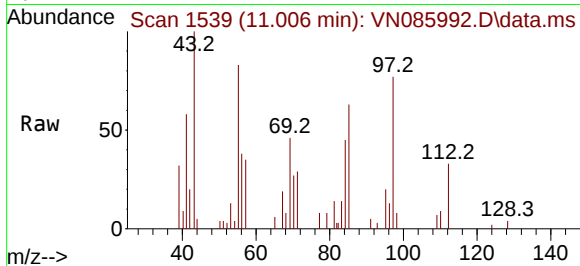




#55
1,1,2-Trichloroethane
Concen: 4.700 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

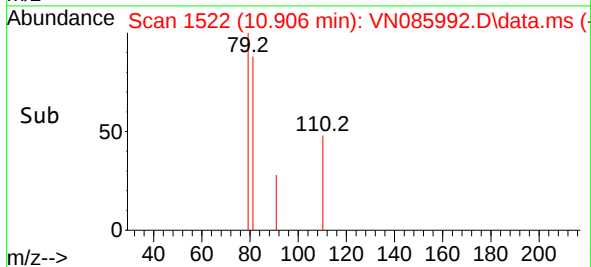
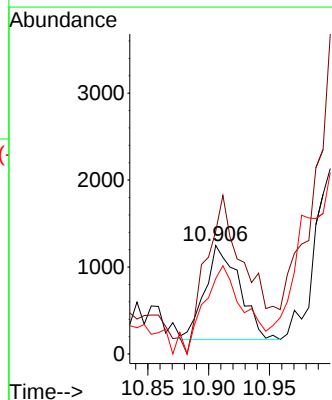
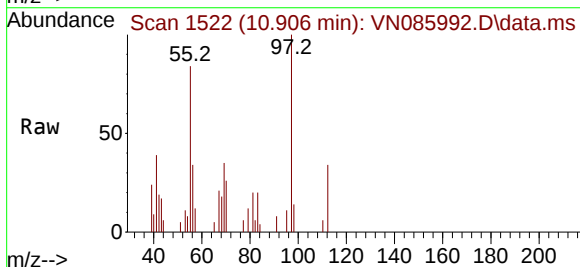
Instrument :
MSVOA_N
ClientSampleId :
MW3

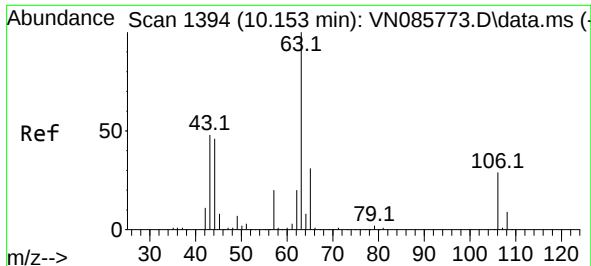
Tgt Ion:	97	Resp:	8921
Ion	Ratio	Lower	Upper
97	100		
83	18.2	66.1	99.1#
85	82.2	44.7	67.1#
99	0.0	49.7	74.5#



#56
Ethyl methacrylate
Concen: 1.335 ug/l
RT: 10.906 min Scan# 1522
Delta R.T. 0.035 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

Tgt Ion:	69	Resp:	2143
Ion	Ratio	Lower	Upper
69	100		
41	207.6	46.0	69.0#
39	111.2	22.0	33.0#

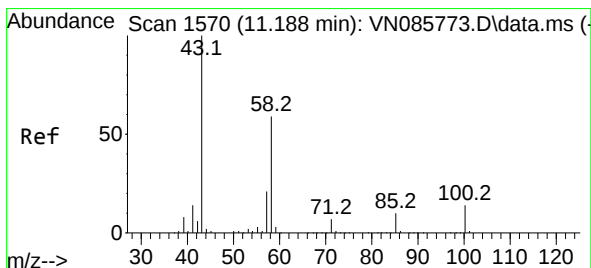
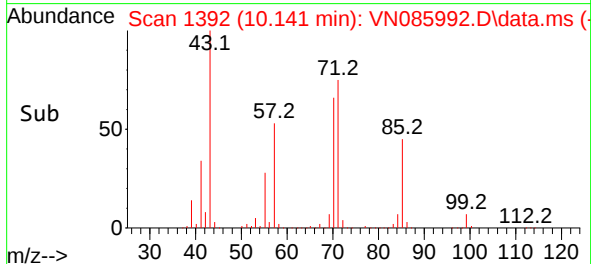
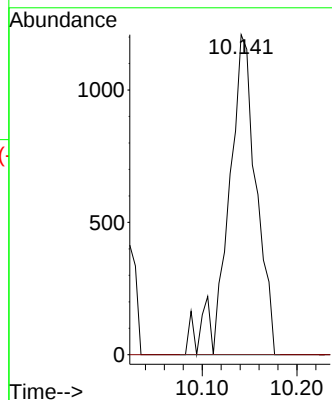
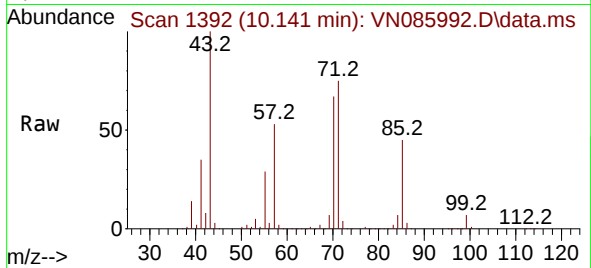




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 10.141 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

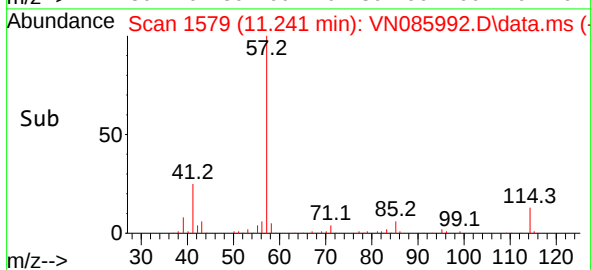
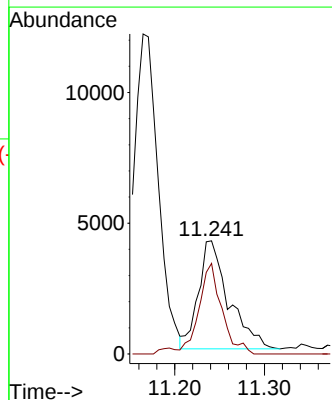
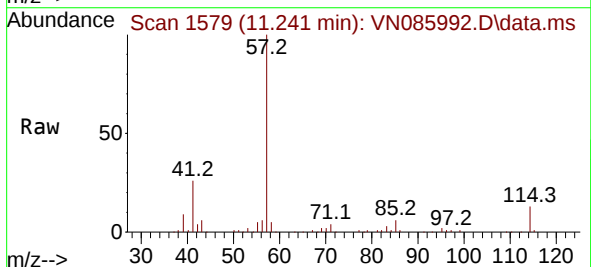
Instrument :
MSVOA_N
ClientSampleId :
MW3

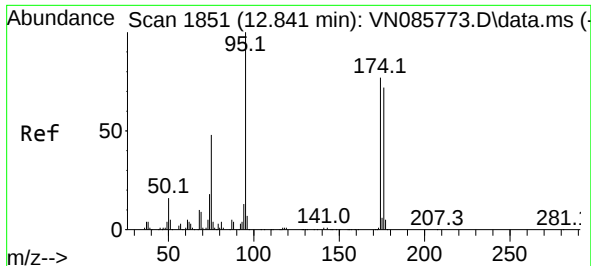
Tgt Ion: 63 Resp: 2484
Ion Ratio Lower Upper
63 100
106 0.0 22.7 34.1#



#59
2-Hexanone
Concen: 6.998 ug/l
RT: 11.241 min Scan# 1579
Delta R.T. 0.053 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

Tgt Ion: 43 Resp: 9707
Ion Ratio Lower Upper
43 100
58 65.5 29.8 89.5

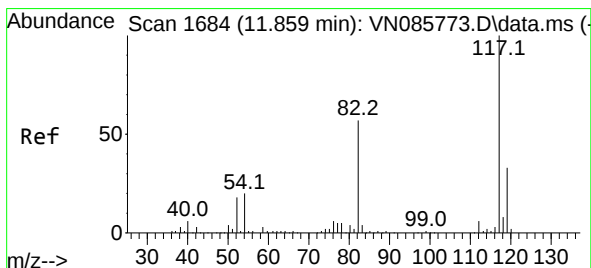
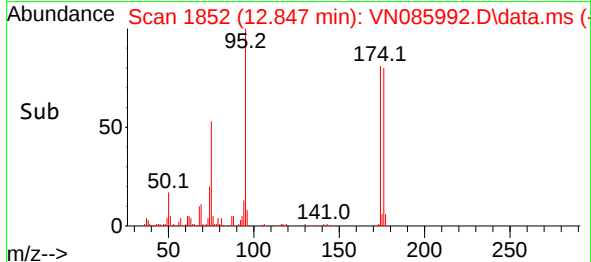
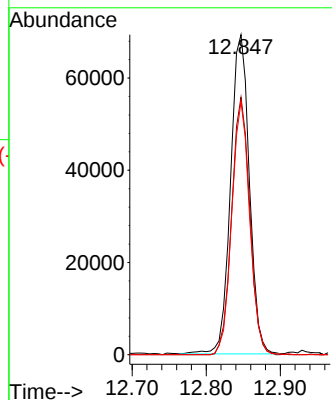
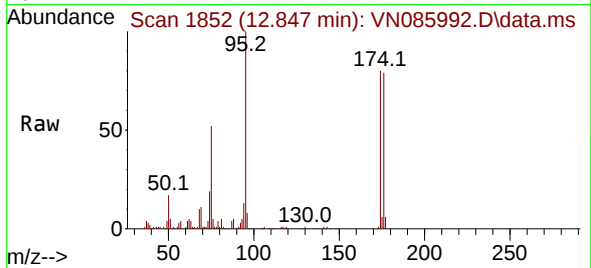




#62
4-Bromofluorobenzene
Concen: 56.697 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

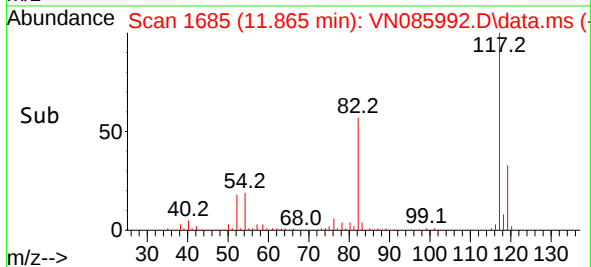
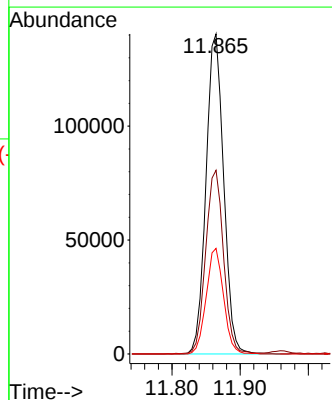
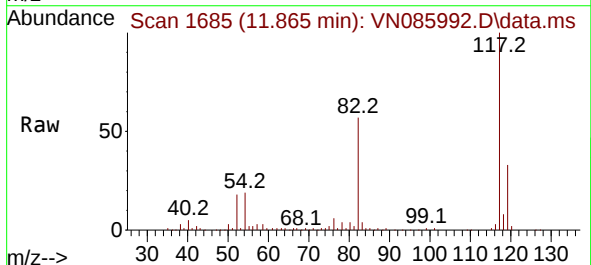
Instrument :
MSVOA_N
ClientSampleId :
MW3

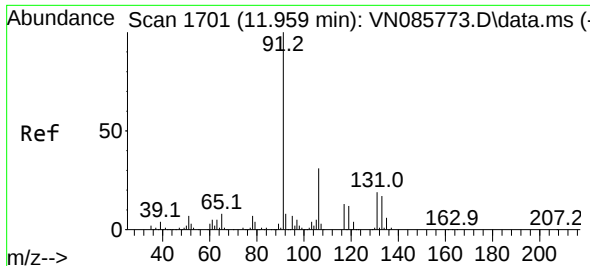
Tgt Ion: 95 Resp: 122032
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.4
176 75.3 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

Tgt Ion: 117 Resp: 253175
Ion Ratio Lower Upper
117 100
82 57.3 45.7 68.5
119 33.0 26.2 39.2





#67

Ethyl Benzene

Concen: 0.328 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN085992.D

Acq: 14 Mar 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

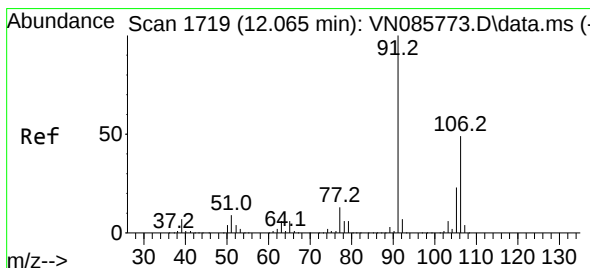
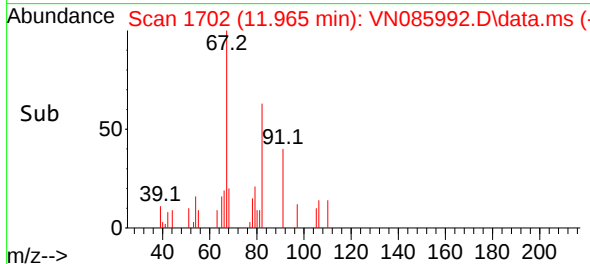
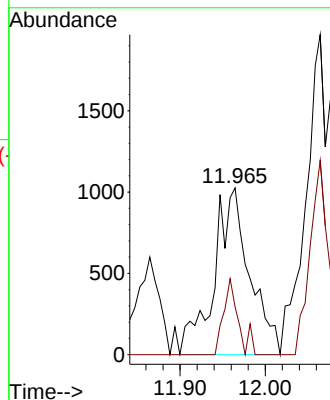
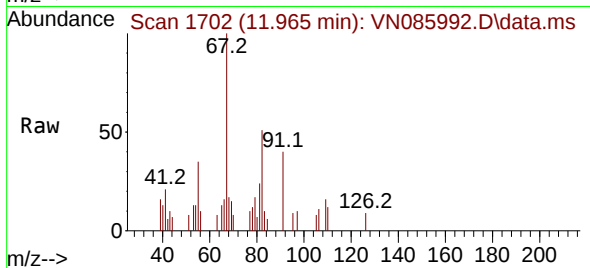
MW3

Tgt Ion: 91 Resp: 2984

Ion Ratio Lower Upper

91 100

106 28.7 24.7 37.1



#68

m/p-Xylenes

Concen: 0.570 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN085992.D

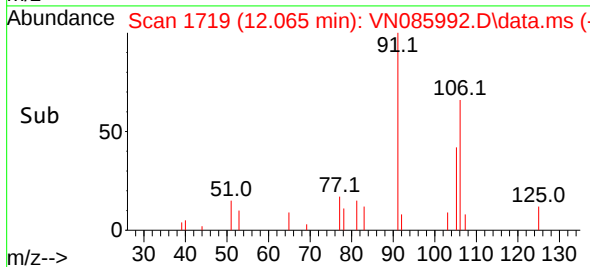
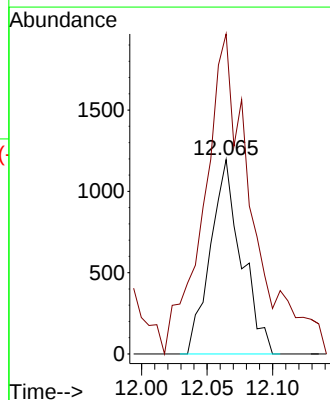
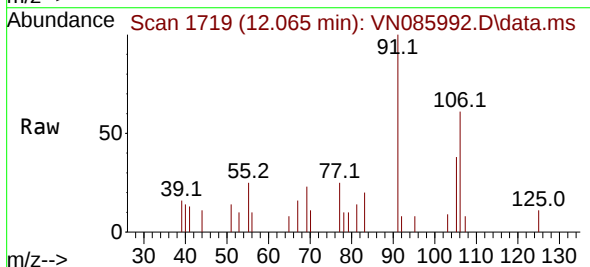
Acq: 14 Mar 2025 16:21

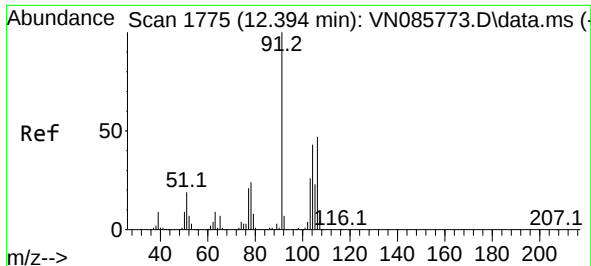
Tgt Ion: 106 Resp: 1966

Ion Ratio Lower Upper

106 100

91 255.5 163.3 244.9#

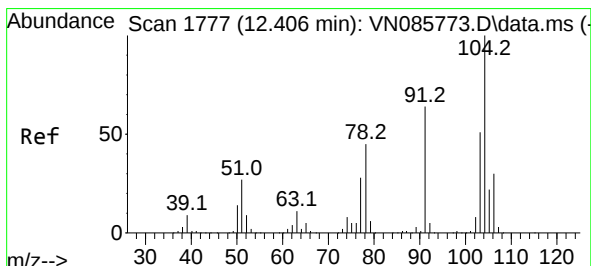
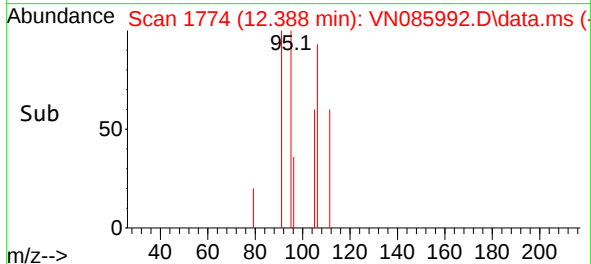
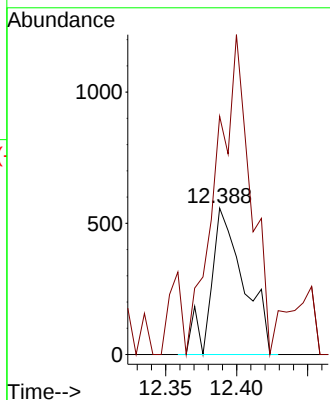
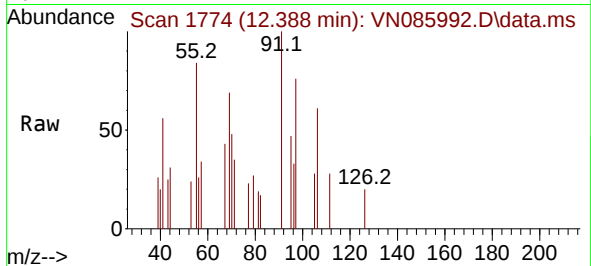




#69
o-Xylene
Concen: 0.272 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

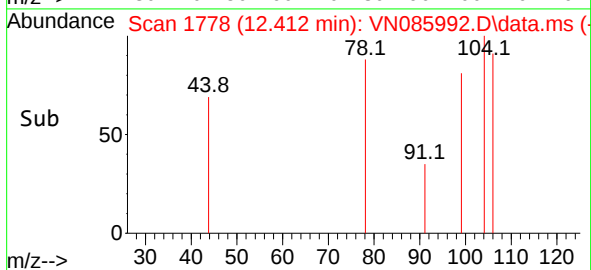
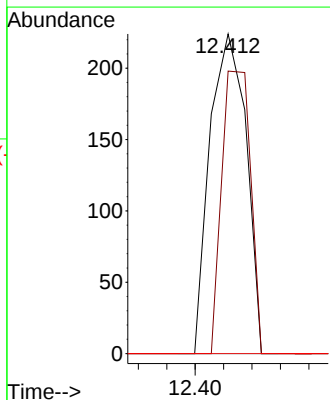
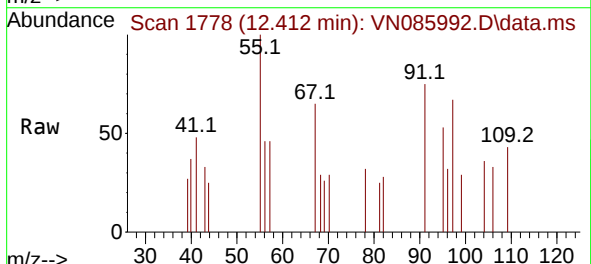
Instrument :
MSVOA_N
ClientSampleId :
MW3

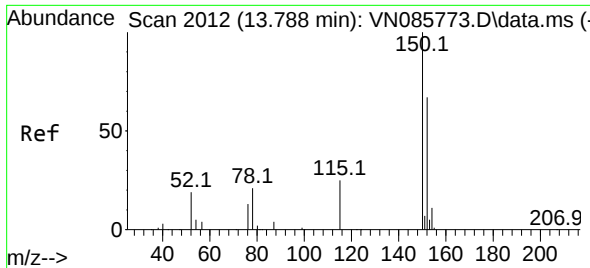
Tgt Ion:106 Resp: 892
Ion Ratio Lower Upper
106 100
91 242.0 107.1 321.4



#70
Styrene
Concen: 0.620 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

Tgt Ion:104 Resp: 199
Ion Ratio Lower Upper
104 100
78 69.8 39.0 58.6#
103 0.0 43.3 64.9#

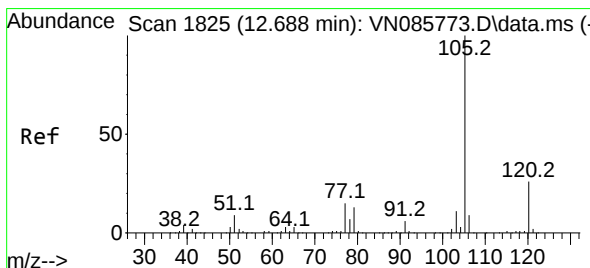
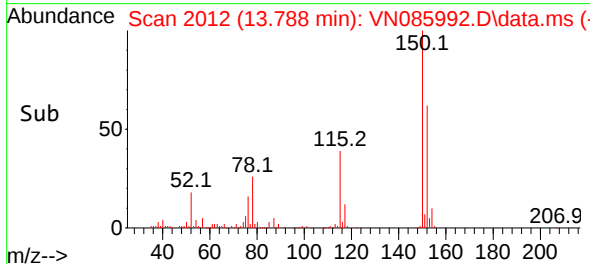
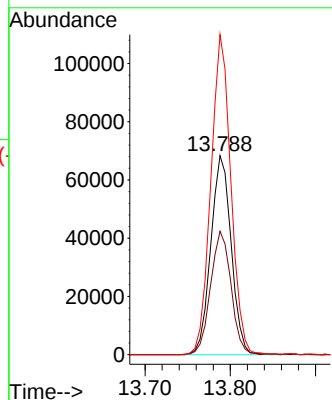
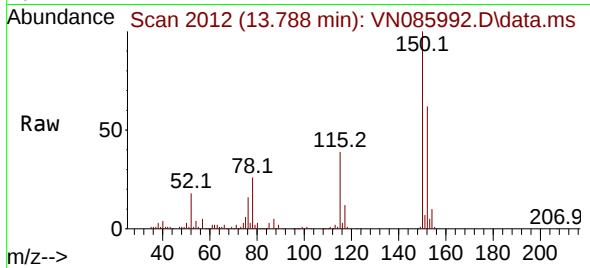




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085992.D
 Acq: 14 Mar 2025 16:21

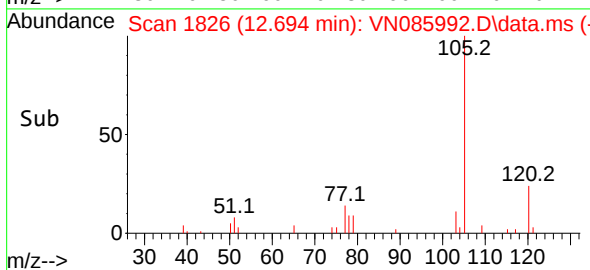
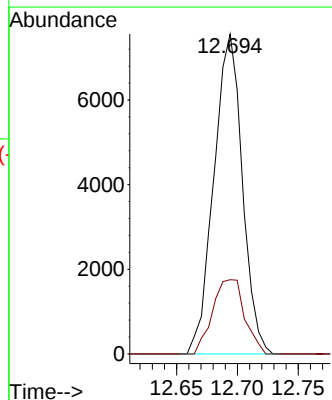
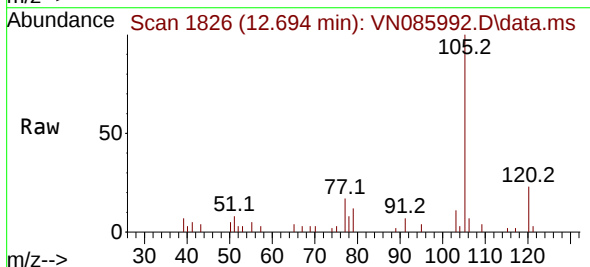
Instrument :
 MSVOA_N
 ClientSampleId :
 MW3

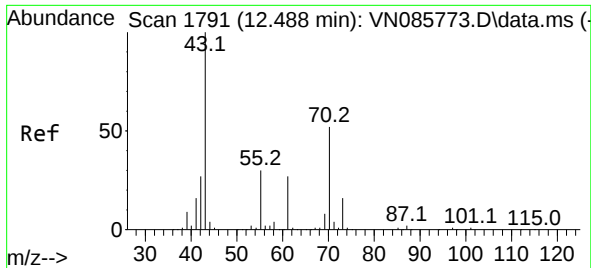
Tgt Ion:152 Resp: 113581
 Ion Ratio Lower Upper
 152 100
 115 62.2 30.4 91.3
 150 157.8 0.0 345.4



#73
 Isopropylbenzene
 Concen: 1.580 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. 0.006 min
 Lab File: VN085992.D
 Acq: 14 Mar 2025 16:21

Tgt Ion:105 Resp: 12296
 Ion Ratio Lower Upper
 105 100
 120 26.1 13.0 39.0

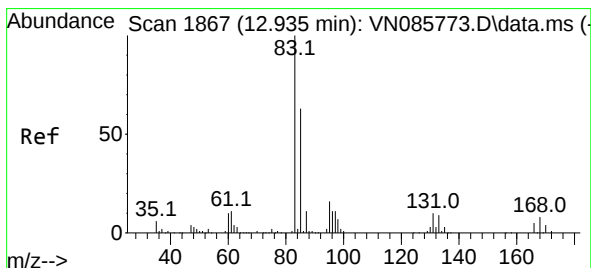
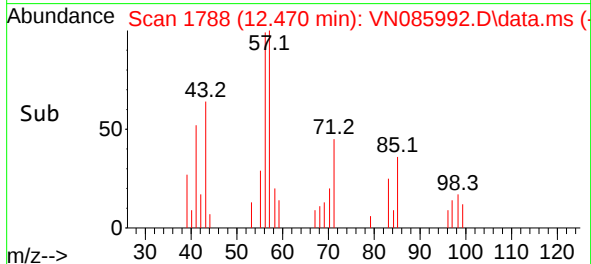
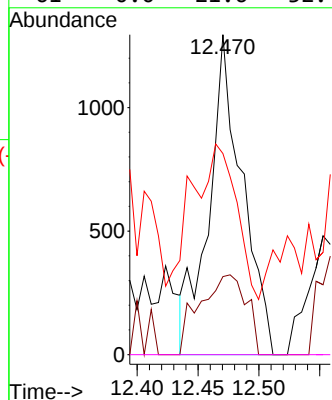
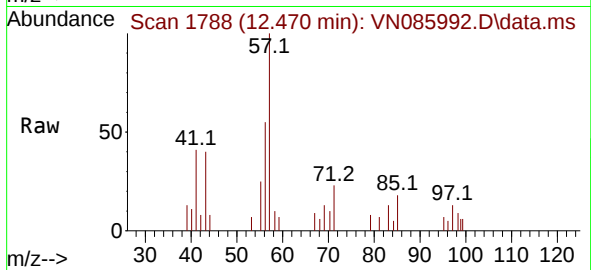




#74
N-amy1 acetate
Concen: 0.900 ug/l
RT: 12.470 min Scan# 1791
Delta R.T. -0.018 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

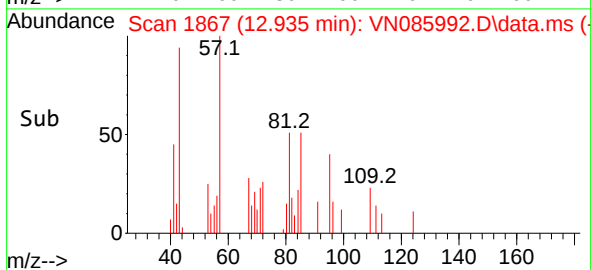
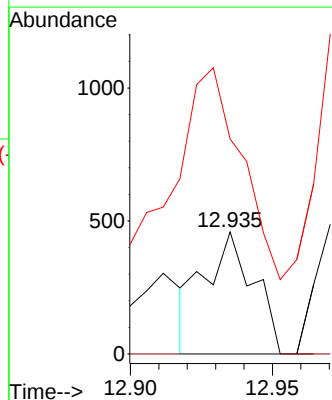
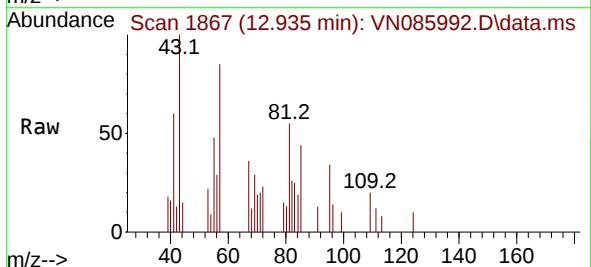
Instrument :
MSVOA_N
ClientSampleId :
MW3

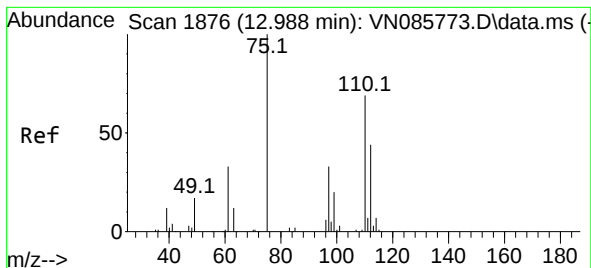
Tgt Ion: 43	Resp:	2469
Ion	Ratio	Lower Upper
43	100	
70	34.8	41.0 61.4#
55	64.4	24.6 36.8#
61	0.0	21.6 32.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.206 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

Tgt Ion: 83	Resp:	552
Ion	Ratio	Lower Upper
83	100	
131	0.0	5.0 15.0#
85	427.2	32.2 96.6#





#76

1,2,3-Trichloropropane

Concen: 24.708 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN085992.D

Acq: 14 Mar 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

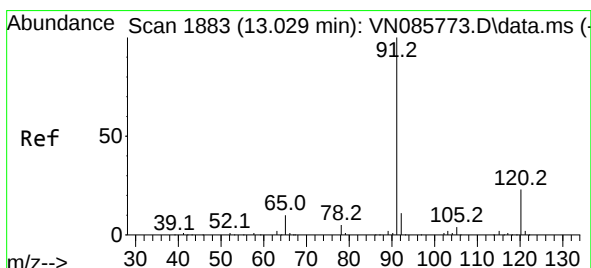
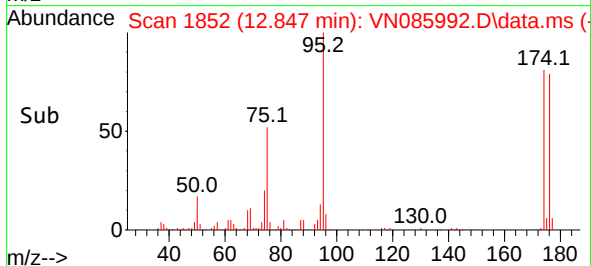
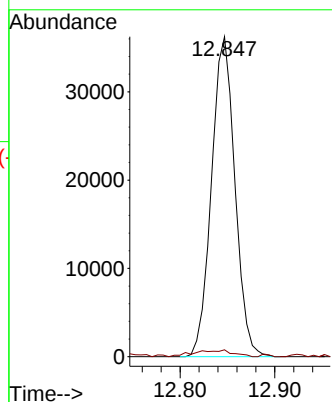
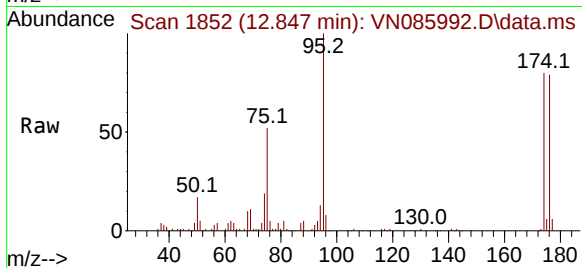
MW3

Tgt Ion: 75 Resp: 62340

Ion Ratio Lower Upper

75 100

77 3.4 100.0 300.0#



#78

n-propylbenzene

Concen: 3.528 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.006 min

Lab File: VN085992.D

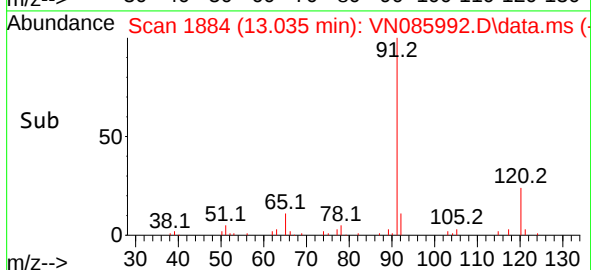
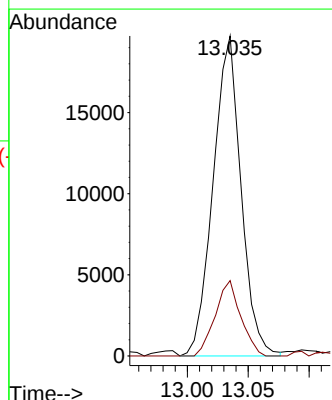
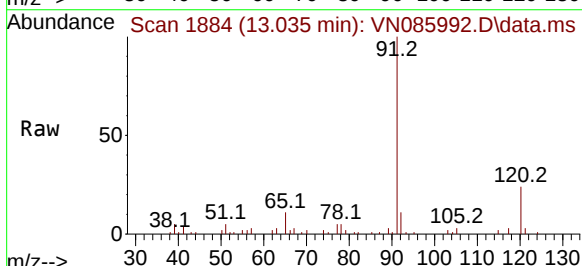
Acq: 14 Mar 2025 16:21

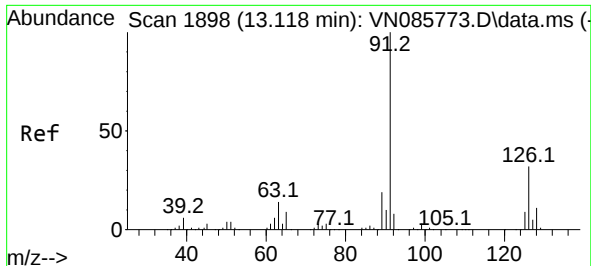
Tgt Ion: 91 Resp: 31441

Ion Ratio Lower Upper

91 100

120 21.5 11.3 33.8

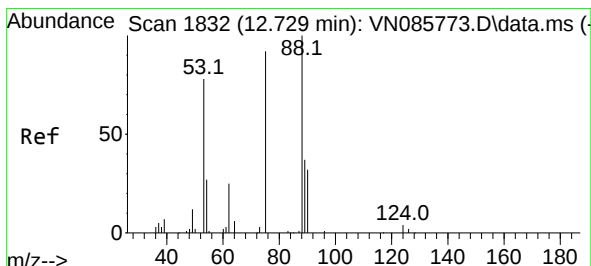
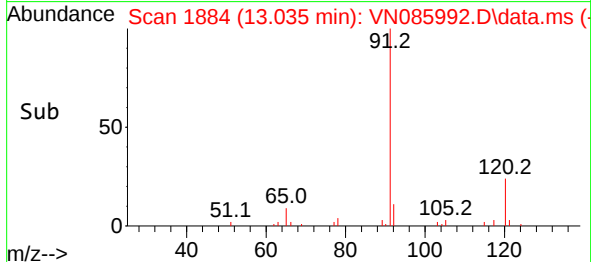
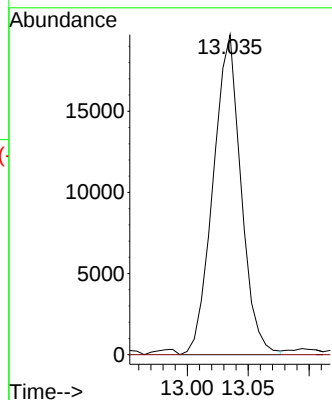
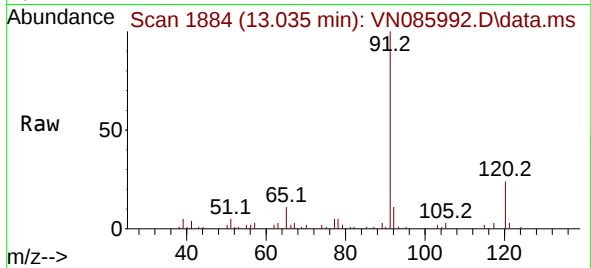




#79
2-Chlorotoluene
Concen: 5.281 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.082 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

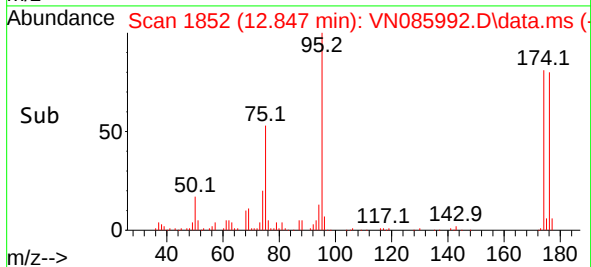
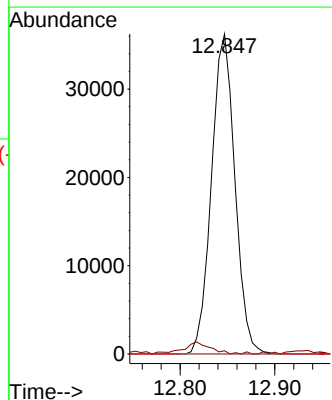
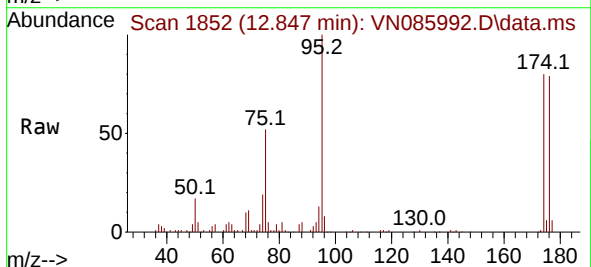
Instrument :
MSVOA_N
ClientSampleId :
MW3

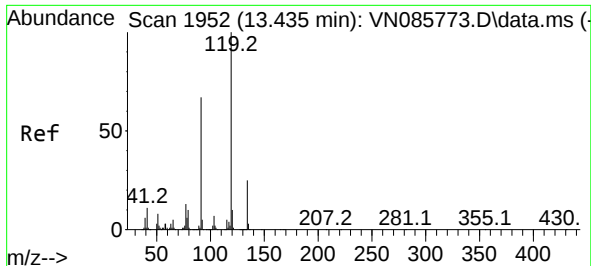
Tgt Ion: 91 Resp: 31441
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.093 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.117 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

Tgt Ion: 75 Resp: 62340
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.9 52.3#

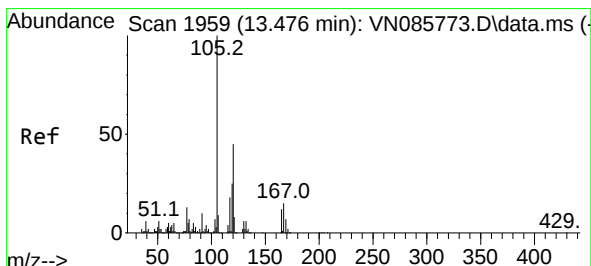
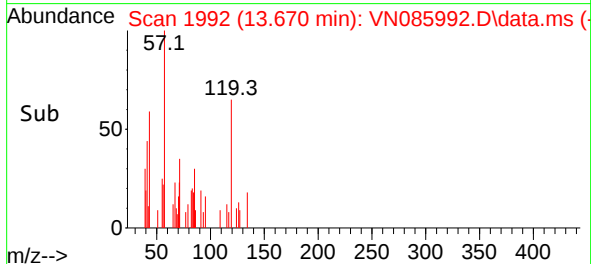
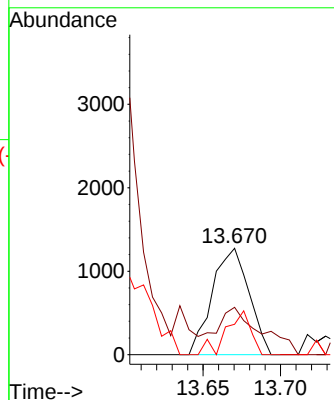
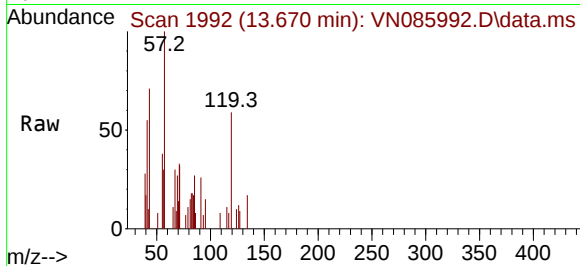




#83
 tert-Butylbenzene
 Concen: 0.394 ug/l
 RT: 13.670 min Scan# 1992
 Delta R.T. 0.235 min
 Lab File: VN085992.D
 Acq: 14 Mar 2025 16:21

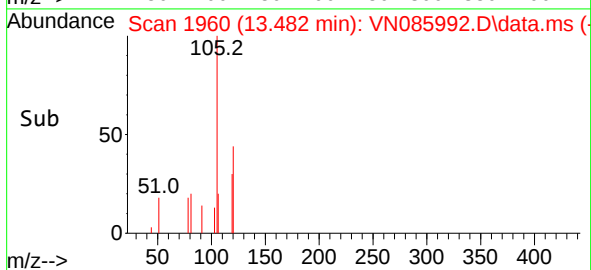
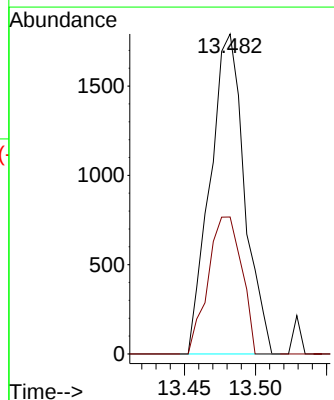
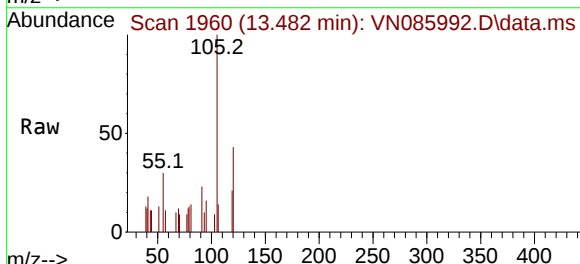
Instrument :
 MSVOA_N
 ClientSampleId :
 MW3

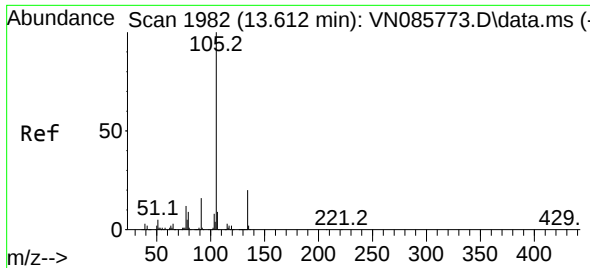
Tgt Ion:119	Resp:	2099
Ion Ratio	Lower	Upper
119	100	
91	54.1	32.5 97.5
134	27.6	13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 0.481 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085992.D
 Acq: 14 Mar 2025 16:21

Tgt Ion:105	Resp:	3014
Ion Ratio	Lower	Upper
105	100	
120	41.8	22.4 67.3

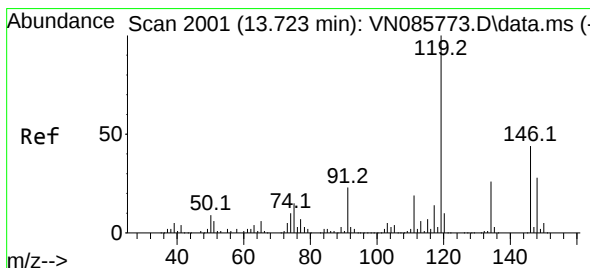
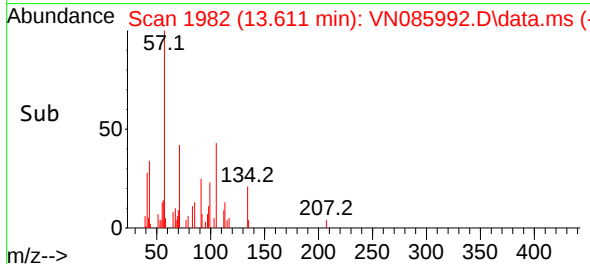
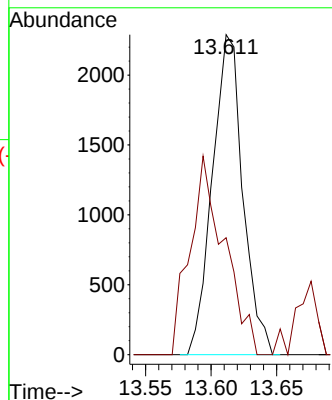
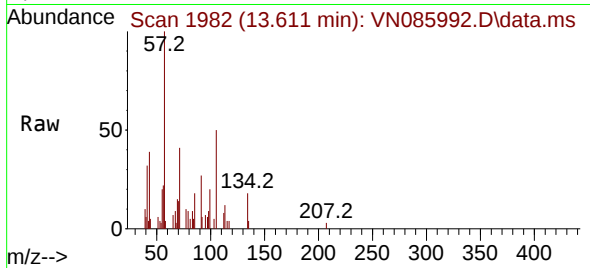




#85
 sec-Butylbenzene
 Concen: 0.491 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.001 min
 Lab File: VN085992.D
 Acq: 14 Mar 2025 16:21

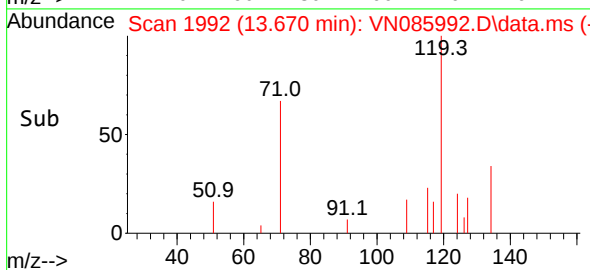
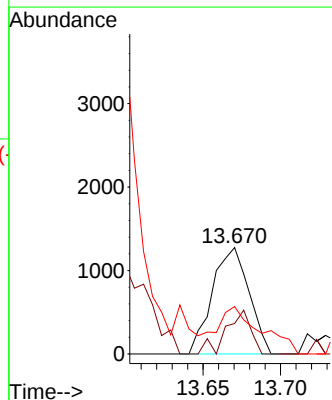
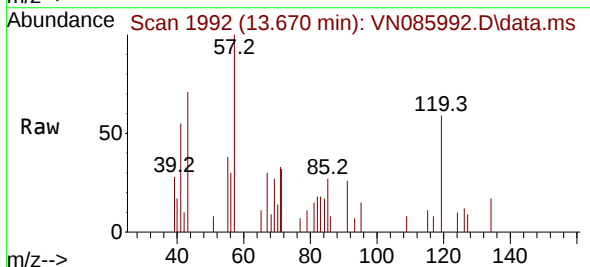
Instrument :
 MSVOA_N
 ClientSampleId :
 MW3

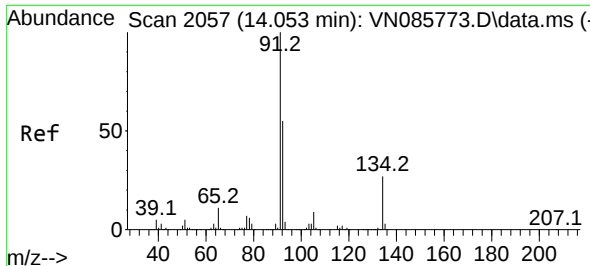
Tgt Ion:105 Resp: 3697
 Ion Ratio Lower Upper
 105 100
 134 70.1 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 0.951 ug/l
 RT: 13.670 min Scan# 1992
 Delta R.T. -0.053 min
 Lab File: VN085992.D
 Acq: 14 Mar 2025 16:21

Tgt Ion:119 Resp: 2099
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.0 39.0
 91 54.1 11.7 35.1#

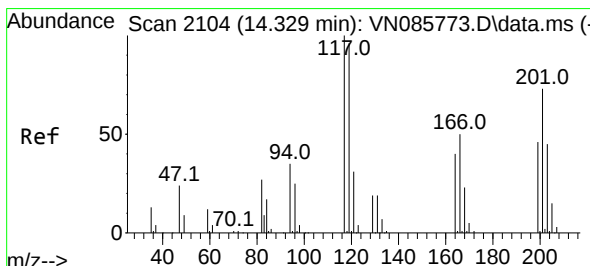
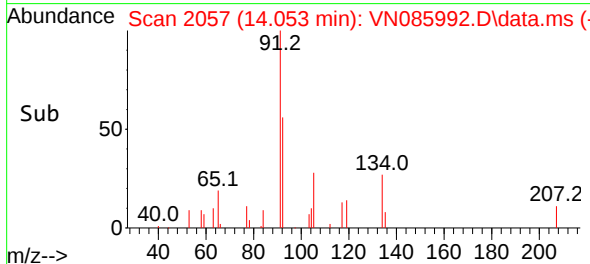
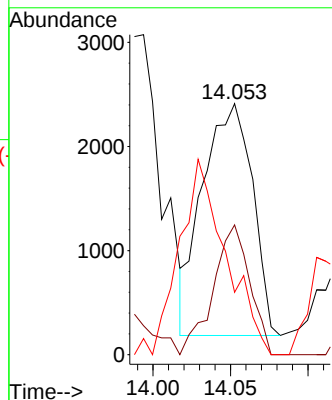
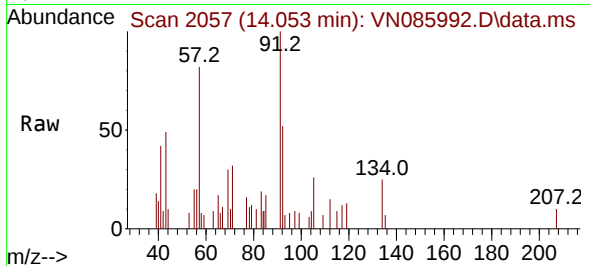




#89
n-Butylbenzene
Concen: 0.929 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

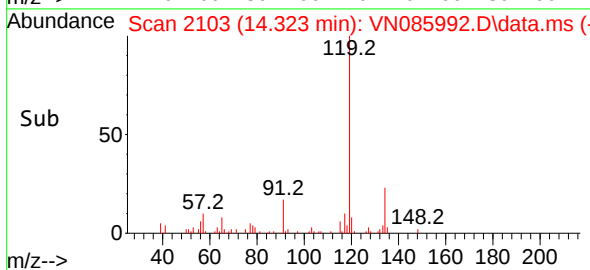
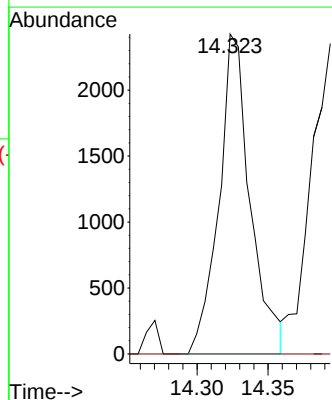
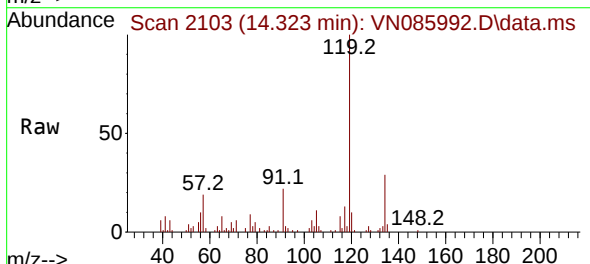
Instrument :
MSVOA_N
ClientSampleId :
MW3

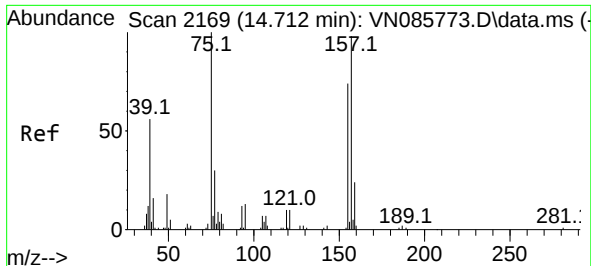
Tgt Ion: 91 Resp: 4968
Ion Ratio Lower Upper
91 100
92 41.2 27.1 81.3
134 0.0 12.7 38.1#



#90
Hexachloroethane
Concen: 2.606 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.006 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

Tgt Ion: 117 Resp: 3717
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.492 ug/l

RT: 14.641 min Scan# 2169

Delta R.T. -0.071 min

Lab File: VN085992.D

Acq: 14 Mar 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

MW3

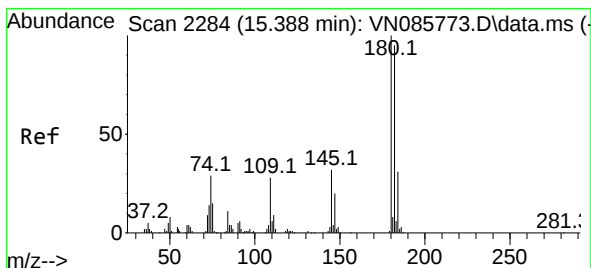
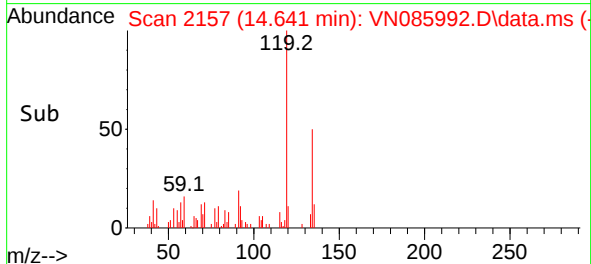
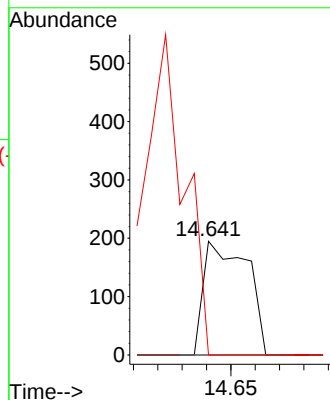
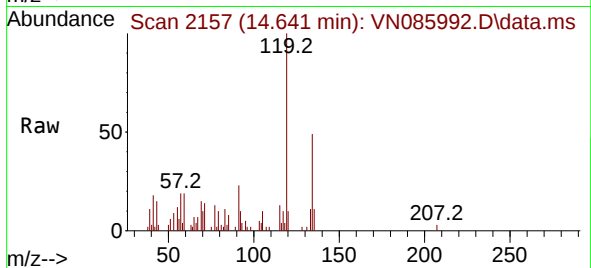
Tgt Ion: 75 Resp: 242

Ion Ratio Lower Upper

75 100

155 0.0 39.9 119.6#

157 249.6 49.9 149.7#



#93

1,2,4-Trichlorobenzene

Concen: 0.211 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.012 min

Lab File: VN085992.D

Acq: 14 Mar 2025 16:21

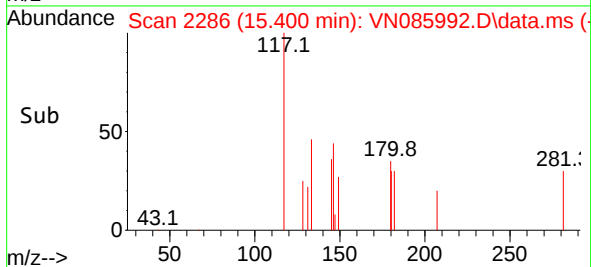
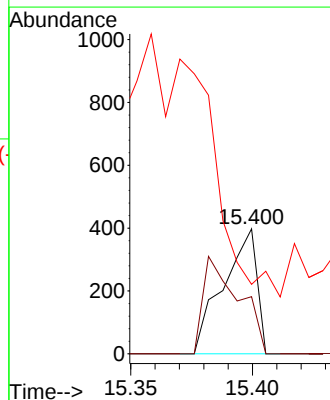
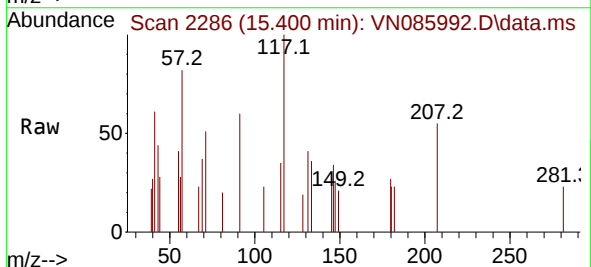
Tgt Ion: 180 Resp: 381

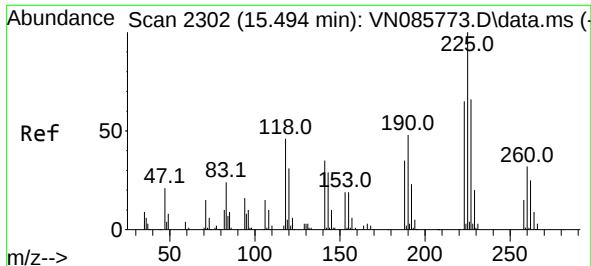
Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.9#

145 21.5 16.2 48.5

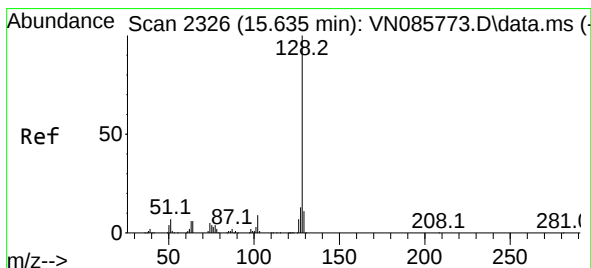
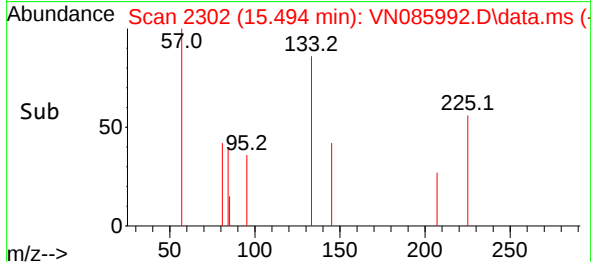
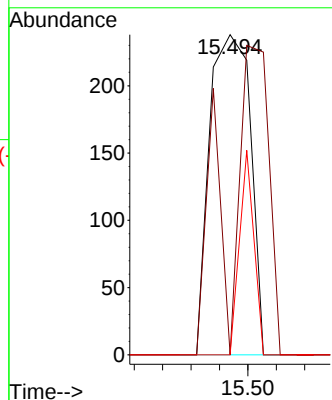
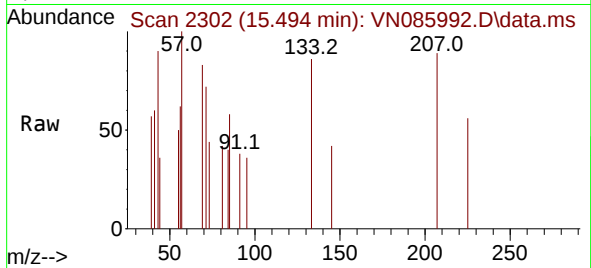




#94
Hexachlorobutadiene
Concen: 0.216 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

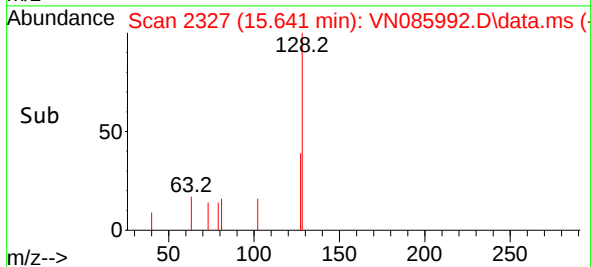
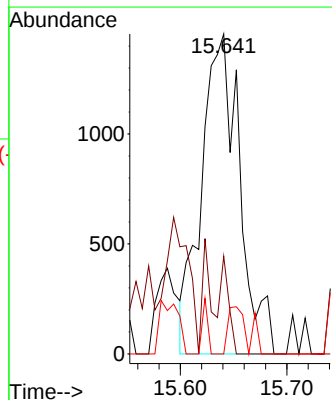
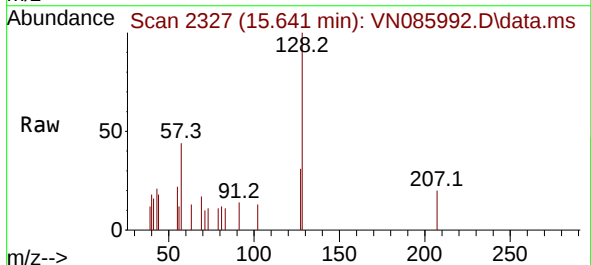
Instrument :
MSVOA_N
ClientSampleId :
MW3

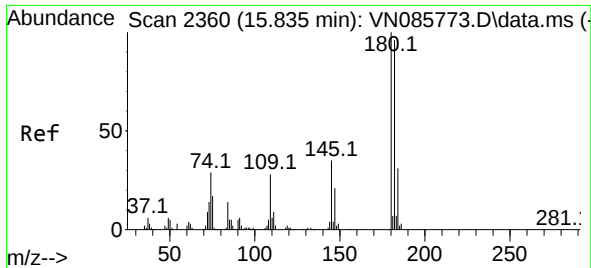
Tgt Ion:225 Resp: 237
Ion Ratio Lower Upper
225 100
223 97.0 31.9 95.5#
227 22.8 32.2 96.6#



#95
Naphthalene
Concen: 0.732 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085992.D
Acq: 14 Mar 2025 16:21

Tgt Ion:128 Resp: 3628
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 7.7 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.212 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN085992.D
 Acq: 14 Mar 2025 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 MW3

Tgt Ion:180 Resp: 385
 Ion Ratio Lower Upper
 180 100
 182 46.2 47.3 141.8#
 145 220.3 16.9 50.6#

