

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085318.D
 Acq On : 26 Dec 2024 15:24
 Operator : JC\MD
 Sample : P5371-09RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 27 00:47:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	149058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112978	43.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.720%		
35) Dibromofluoromethane	8.165	113	62259	32.426	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	64.860%#		
50) Toluene-d8	10.565	98	333732	47.556	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.120%		
62) 4-Bromofluorobenzene	12.847	95	122388	48.828	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.660%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	467	0.206	ug/l #	42
4) Vinyl Chloride	2.506	62	500	0.236	ug/l #	44
5) Bromomethane	2.983	94	534	0.384	ug/l #	75
11) Tert butyl alcohol	5.512	59	114	0.315	ug/l #	72
16) Acetone	4.424	43	22328	24.828	ug/l	98
17) Carbon Disulfide	4.718	76	3375	0.581	ug/l #	75
20) Methylene Chloride	5.277	84	837	0.425	ug/l #	42
25) 2-Butanone	7.488	43	5552	4.031	ug/l	93
27) cis-1,2-Dichloroethene	7.488	96	10503	4.809	ug/l	83
28) Bromochloromethane	7.947	49	688	0.375	ug/l #	18
29) Tetrahydrofuran	7.841	42	676	0.761	ug/l #	62
30) Chloroform	7.959	83	21136	5.436	ug/l	95
31) Cyclohexane	8.224	56	3907	1.159	ug/l #	34
36) 1,1-Dichloropropene	8.224	75	14037	5.250	ug/l #	50
37) Ethyl Acetate	7.488	43	5552	1.800	ug/l #	1
38) Carbon Tetrachloride	8.224	117	17021	5.266	ug/l #	16
39) Methylcyclohexane	9.600	83	936	0.336	ug/l #	79
40) Benzene	8.606	78	79231	9.526	ug/l	98
42) 1,2-Dichloroethane	8.600	62	879	0.277	ug/l #	77
44) Trichloroethene	9.347	130	1322	0.714	ug/l	60
51) 4-Methyl-2-Pentanone	10.435	43	1375	0.464	ug/l #	78
52) Toluene	10.623	92	84012	16.799	ug/l	100
53) t-1,3-Dichloropropene	10.629	75	878	0.286	ug/l #	1
55) 1,1,2-Trichloroethane	10.888	97	1088	0.581	ug/l #	14
67) Ethyl Benzene	11.959	91	775384	83.904	ug/l	97
68) m/p-Xylenes	12.065	106	91281	26.410	ug/l	98
69) o-Xylene	12.394	106	82573	25.417	ug/l	96
70) Styrene	12.394	104	5068	0.934	ug/l #	1
71) Bromoform	12.841	173	891	0.604	ug/l #	1
73) Isopropylbenzene	12.694	105	56079	7.024	ug/l	99
76) 1,2,3-Trichloropropane	12.847	75	69722	26.429	ug/l #	1
78) n-propylbenzene	13.029	91	23138	2.363	ug/l	99
79) 2-Chlorotoluene	13.129	91	12557	2.020	ug/l #	49
80) 1,3,5-Trimethylbenzene	13.170	105	45334	6.808	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.847	75	69722	70.178	ug/l #	7
82) 4-Chlorotoluene	13.164	91	5864	0.932	ug/l #	43

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Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

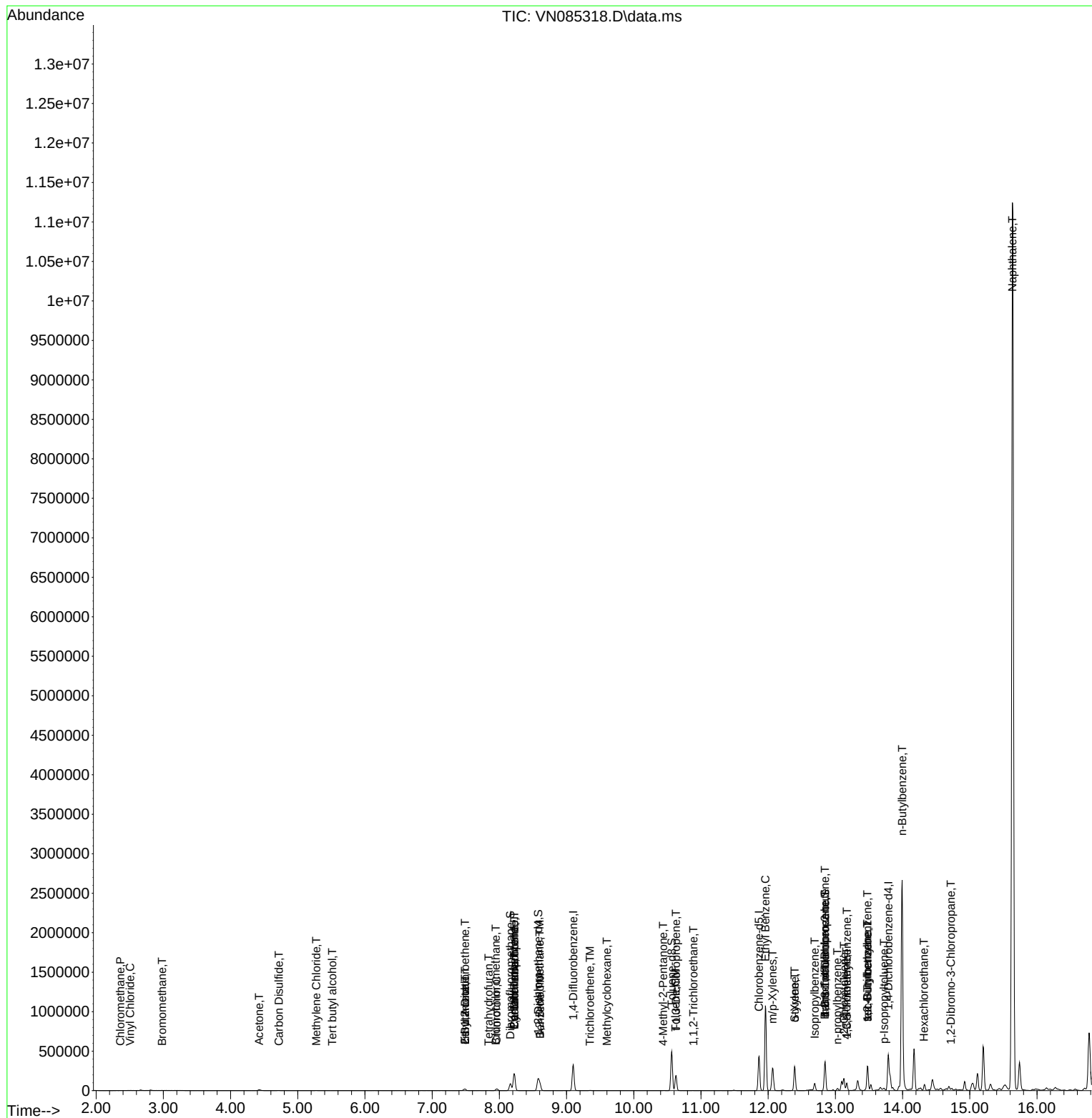
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.476	119	21105	3.737	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.476	105	174575	25.647	ug/l	99
85) sec-Butylbenzene	13.476	105	174575	22.173	ug/l #	58
86) p-Isopropyltoluene	13.723	119	9385	3.131	ug/l #	73
89) n-Butylbenzene	13.994	91	251630	43.459	ug/l #	44
90) Hexachloroethane	14.317	117	5206	3.599	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	14.717	75	460	0.843	ug/l #	10
95) Naphthalene	15.635	128	9995820	1642.332	ug/l	99

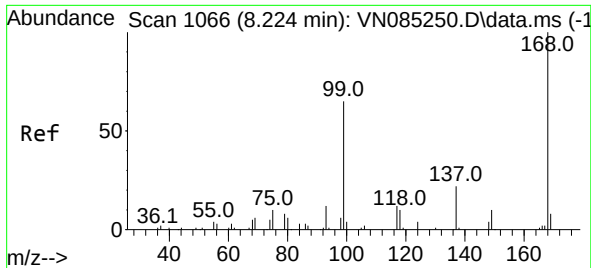
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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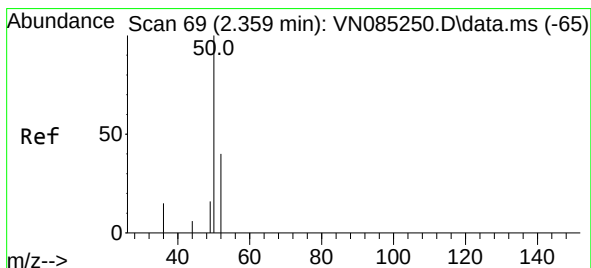
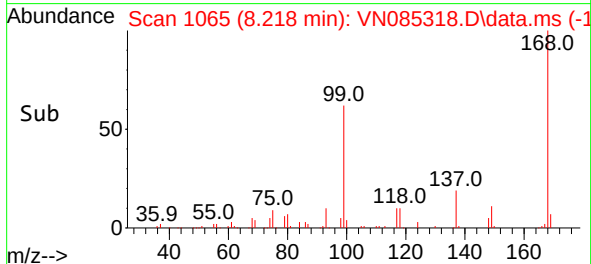
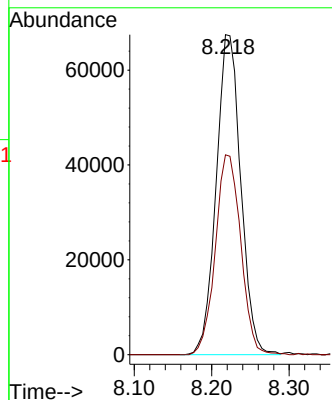
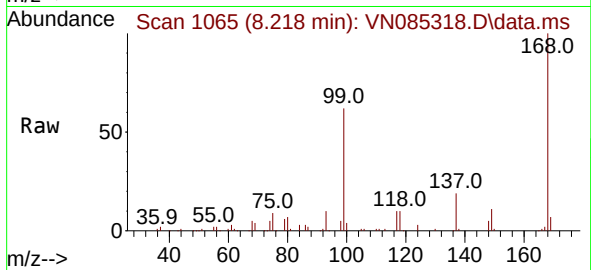




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085318.D
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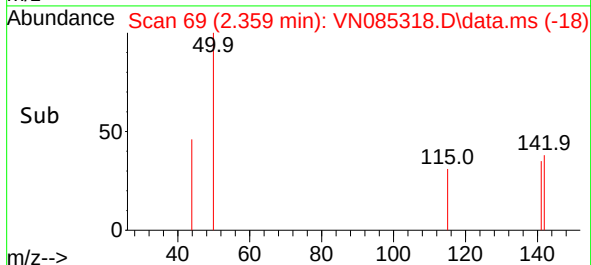
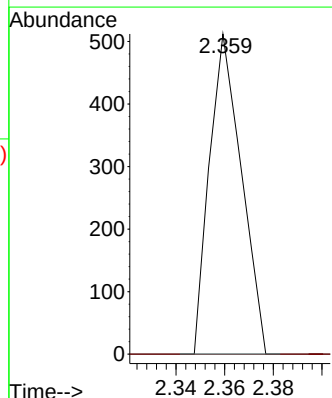
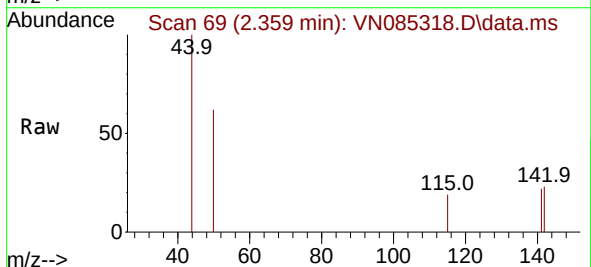
Instrument :
MSVOA_N
ClientSampleId :

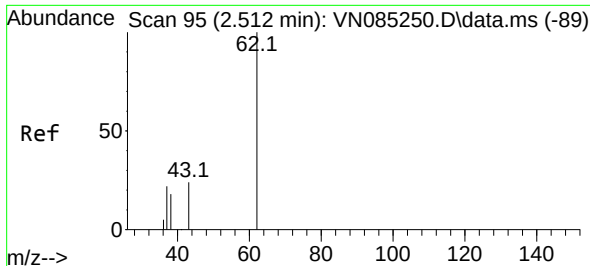
Tgt Ion:168 Resp: 149058
Ion Ratio Lower Upper
168 100
99 62.5 50.7 76.1



#3
Chloromethane
Concen: 0.206 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion: 50 Resp: 467
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#

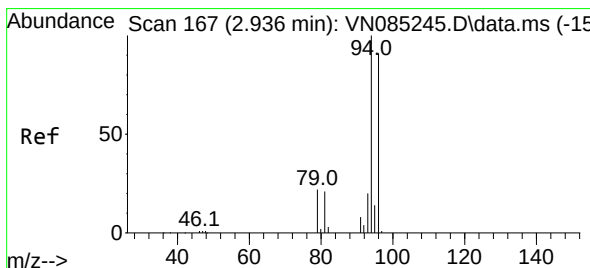
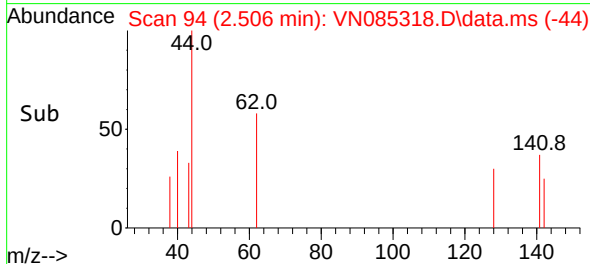
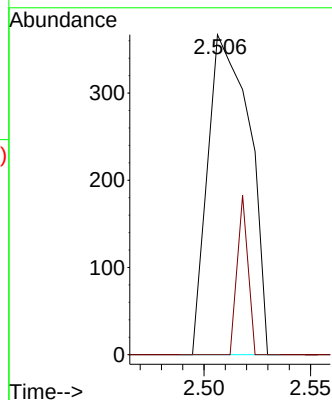
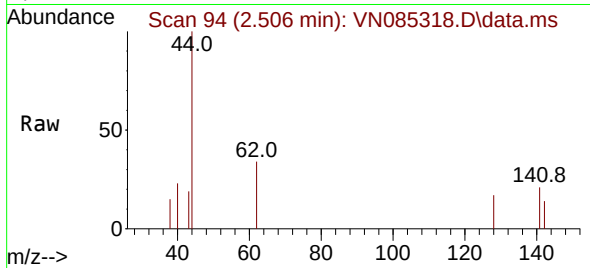




#4
 Vinyl Chloride
 Concen: 0.236 ug/l
 RT: 2.506 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VN085318.D
 Acq: 26 Dec 2024 15:24

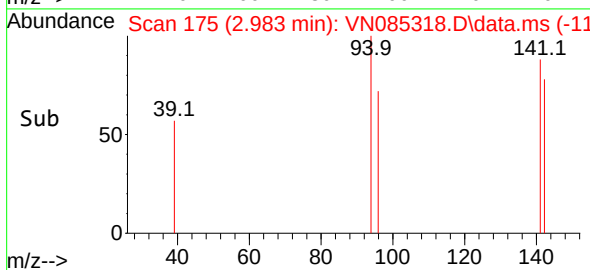
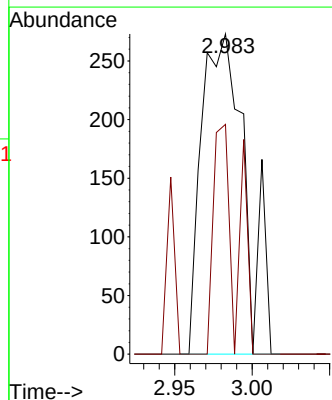
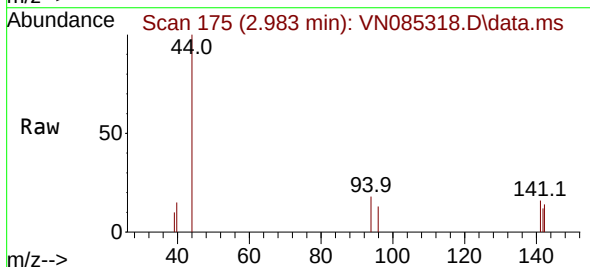
Instrument :
 MSVOA_N
 ClientSampleId :

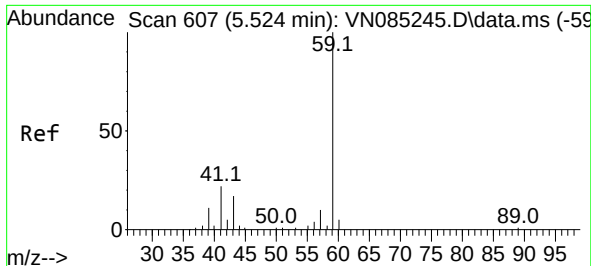
Tgt Ion: 62 Resp: 500
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.5 36.7#



#5
 Bromomethane
 Concen: 0.384 ug/l
 RT: 2.983 min Scan# 175
 Delta R.T. 0.035 min
 Lab File: VN085318.D
 Acq: 26 Dec 2024 15:24

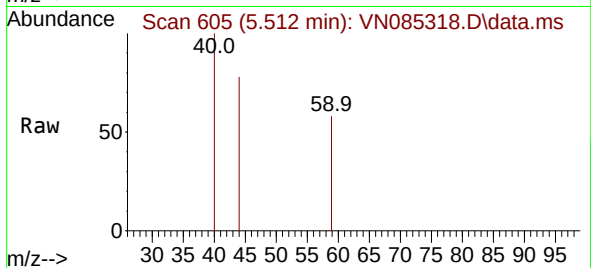
Tgt Ion: 94 Resp: 534
 Ion Ratio Lower Upper
 94 100
 96 71.8 76.8 115.2#



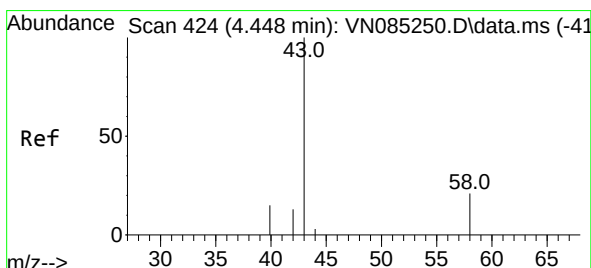
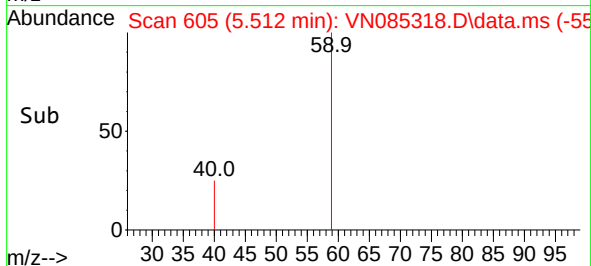
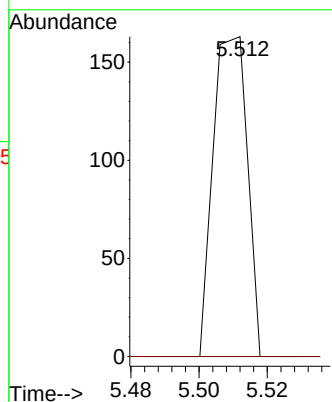


#11
Tert butyl alcohol
Concen: 0.315 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :

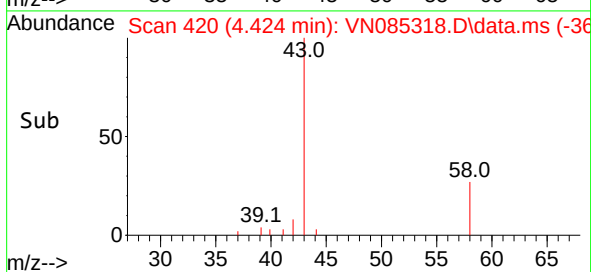
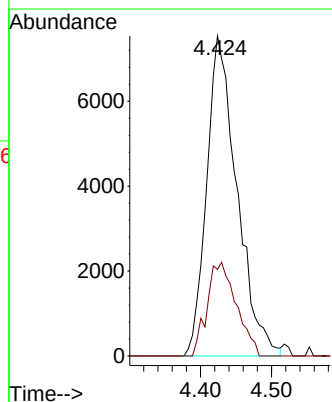
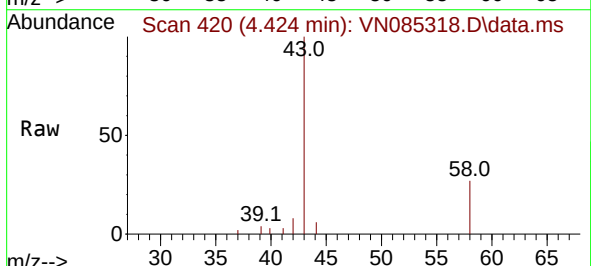


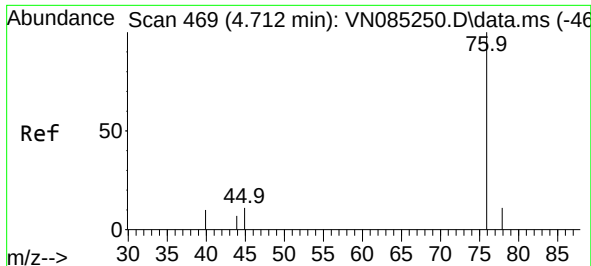
Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 24.828 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

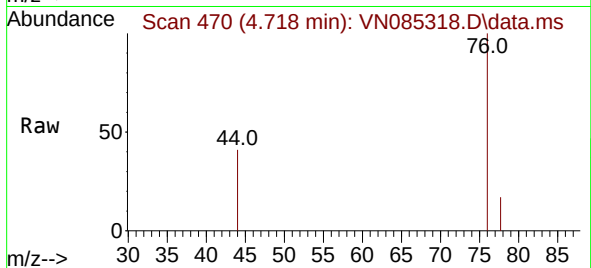
Tgt Ion: 43 Resp: 22328
Ion Ratio Lower Upper
43 100
58 27.1 20.8 31.2



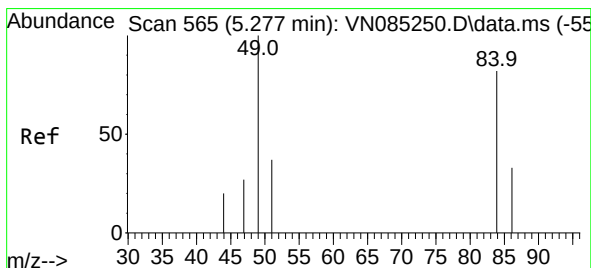
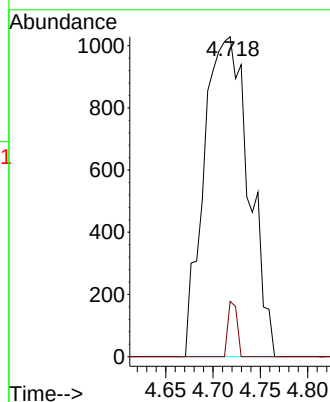
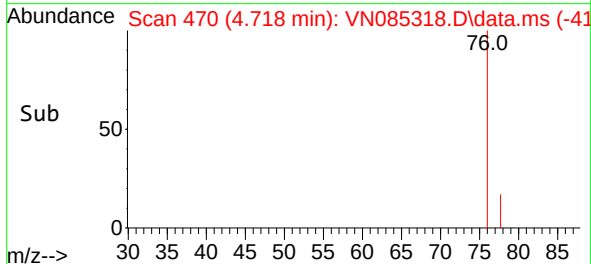


#17
Carbon Disulfide
Concen: 0.581 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :

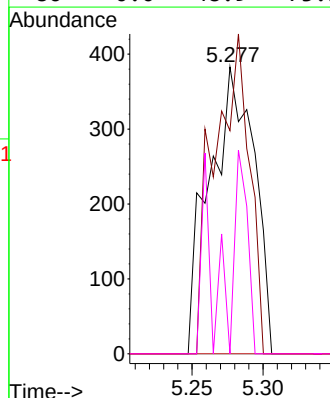
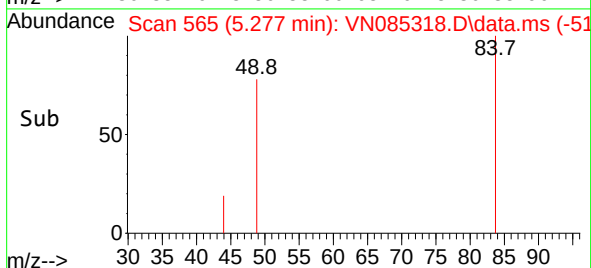
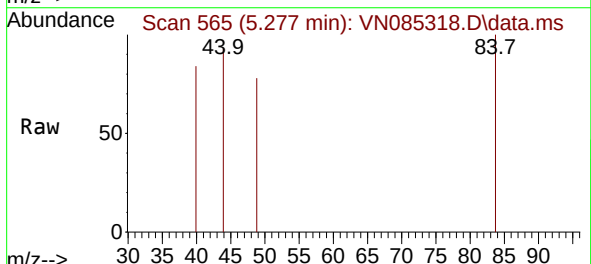


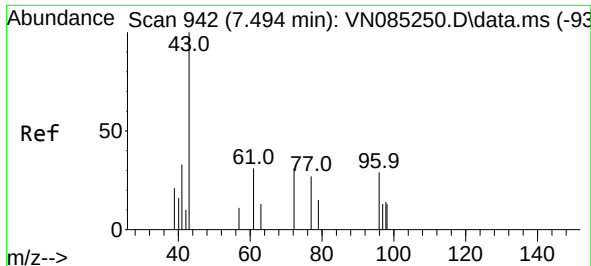
Tgt Ion: 76 Resp: 3375
Ion Ratio Lower Upper
76 100
78 17.3 6.8 10.2#



#20
Methylene Chloride
Concen: 0.425 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion: 84 Resp: 837
Ion Ratio Lower Upper
84 100
49 77.8 103.6 155.4#
51 0.0 34.2 51.2#
86 0.0 48.9 73.3#

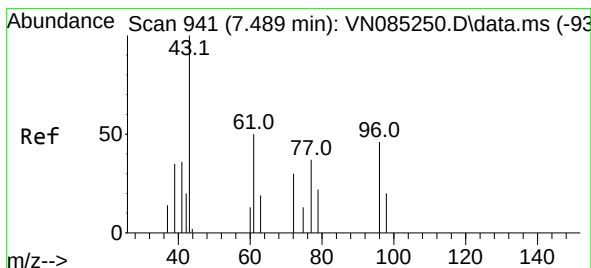
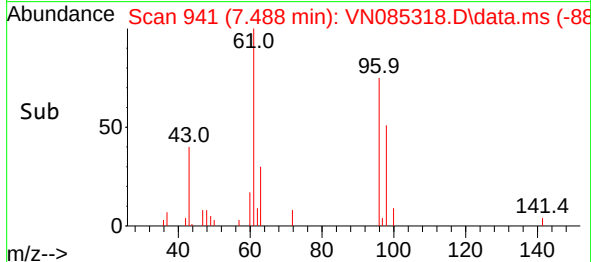
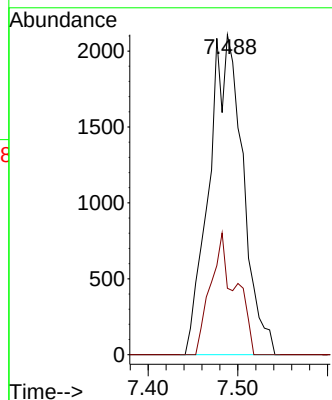
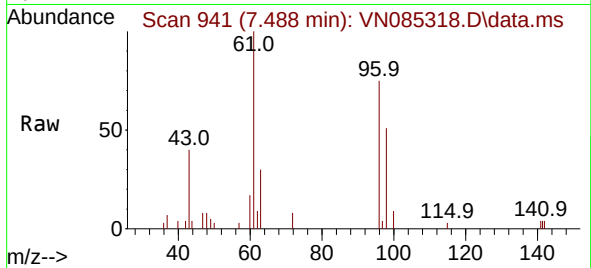




#25
2-Butanone
Concen: 4.031 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

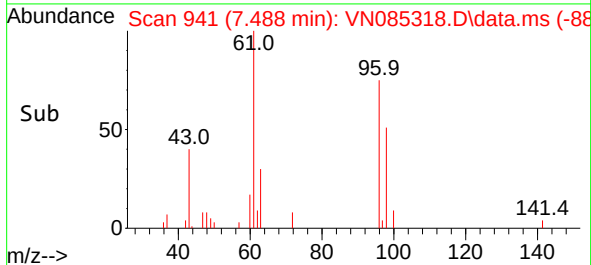
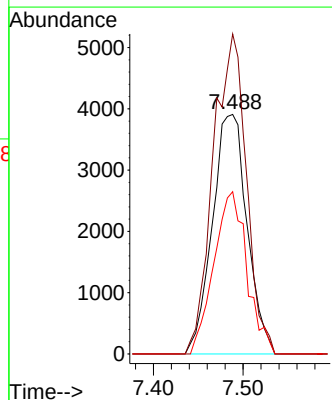
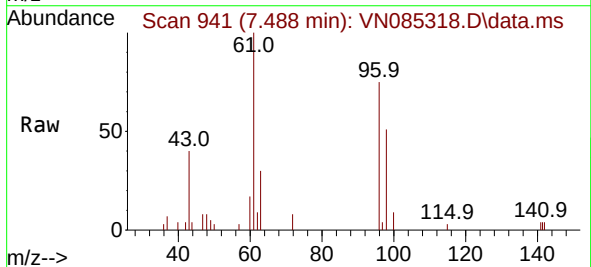
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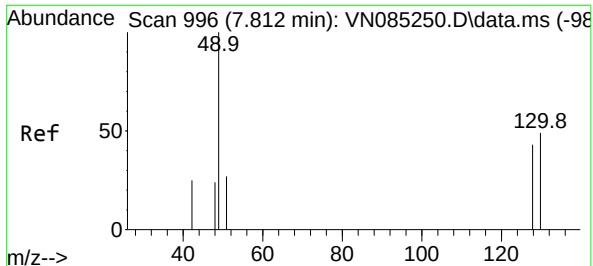
Tgt Ion: 43 Resp: 5552
Ion Ratio Lower Upper
43 100
72 20.8 19.6 29.4



#27
cis-1,2-Dichloroethene
Concen: 4.809 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

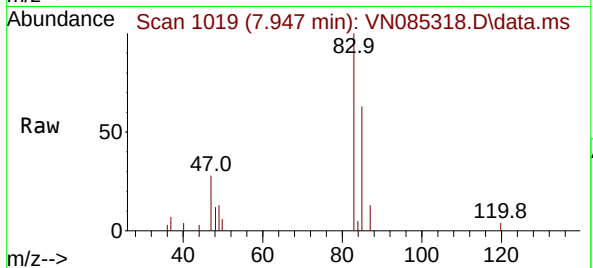
Tgt Ion: 96 Resp: 10503
Ion Ratio Lower Upper
96 100
61 127.5 0.0 316.4
98 64.4 0.0 125.4



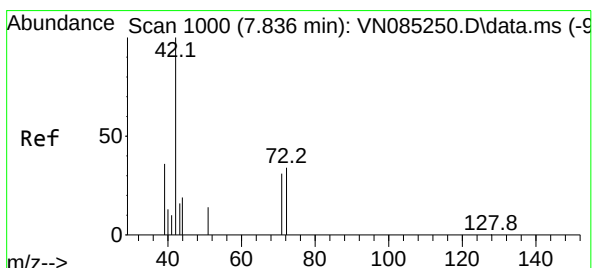
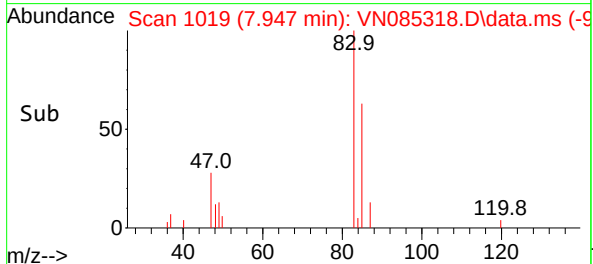
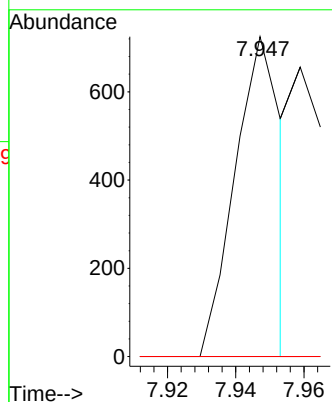


#28
Bromochloromethane
Concen: 0.375 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.135 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :

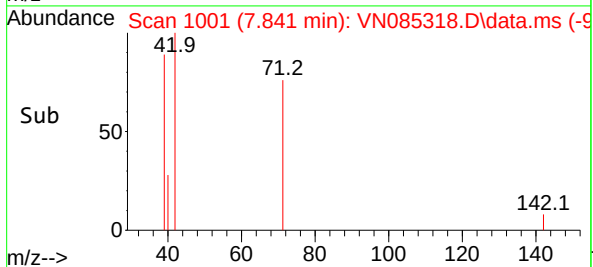
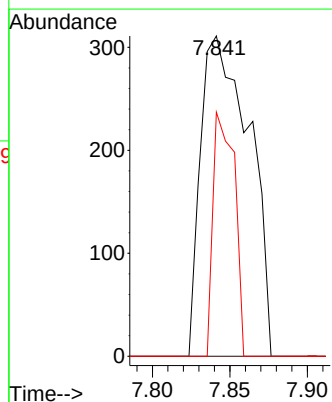
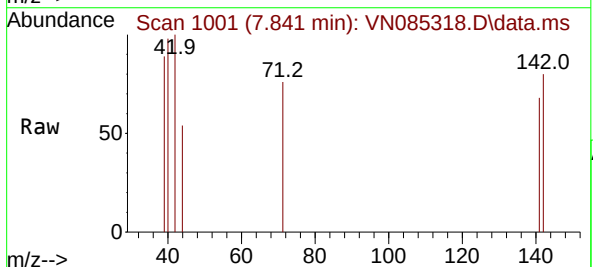


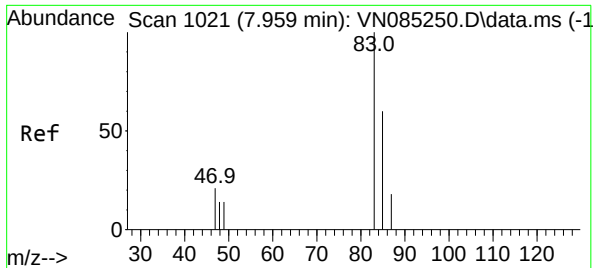
Tgt Ion: 49 Resp: 688
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.4
130 0.0 54.1 81.1#



#29
Tetrahydrofuran
Concen: 0.761 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion: 42 Resp: 676
Ion Ratio Lower Upper
42 100
72 0.0 32.7 49.1#
71 33.6 31.4 47.2





#30

Chloroform

Concen: 5.436 ug/l

RT: 7.959 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

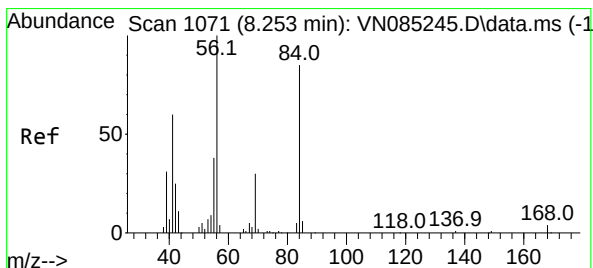
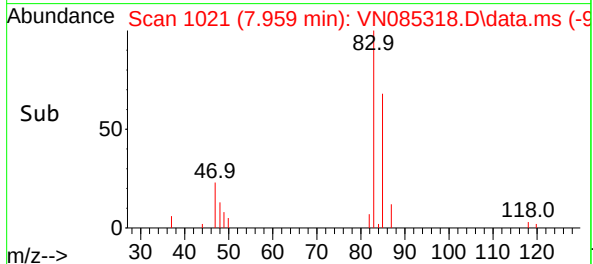
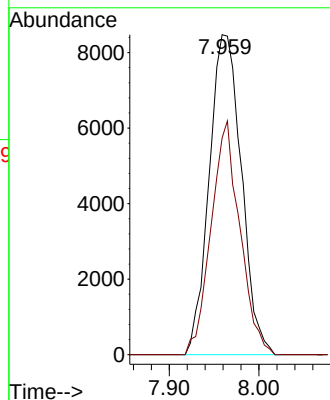
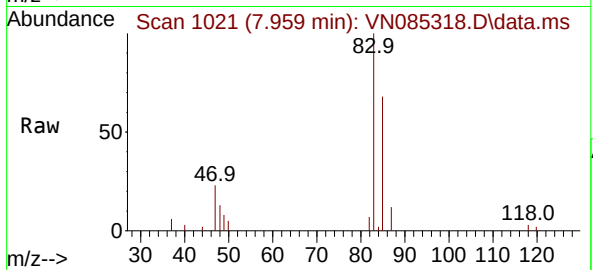
ClientSampleId :

Tgt Ion: 83 Resp: 21136

Ion Ratio Lower Upper

83 100

85 67.7 51.4 77.0



#31

Cyclohexane

Concen: 1.159 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.030 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

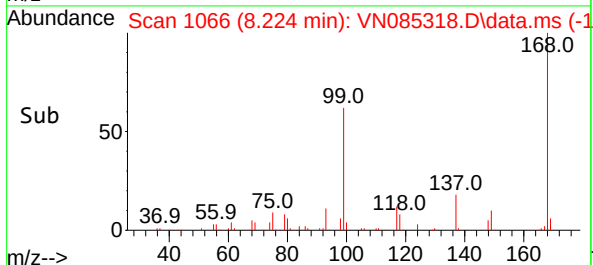
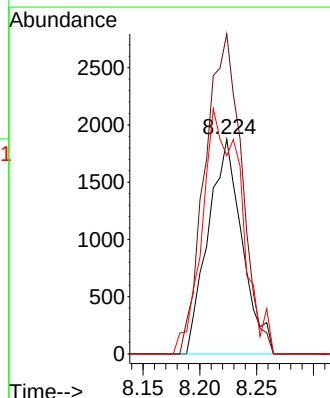
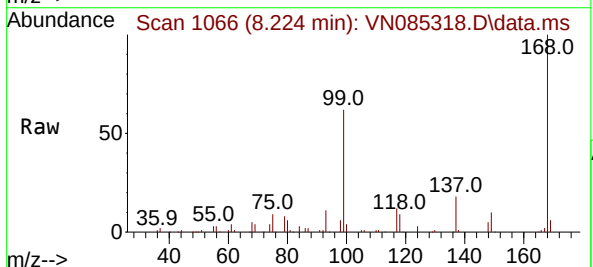
Tgt Ion: 56 Resp: 3907

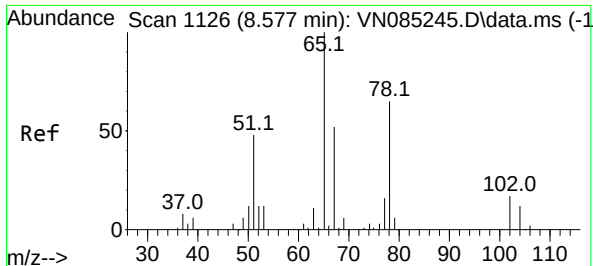
Ion Ratio Lower Upper

56 100

69 149.0 23.6 35.4#

84 92.4 66.6 99.8





#33

1,2-Dichloroethane-d4

Concen: 43.365 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

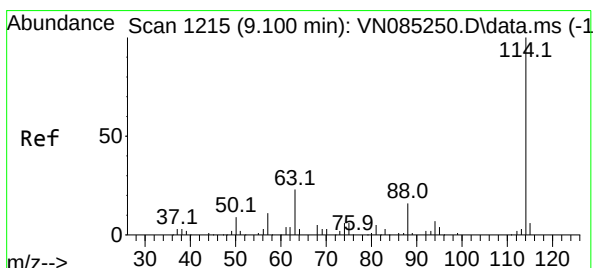
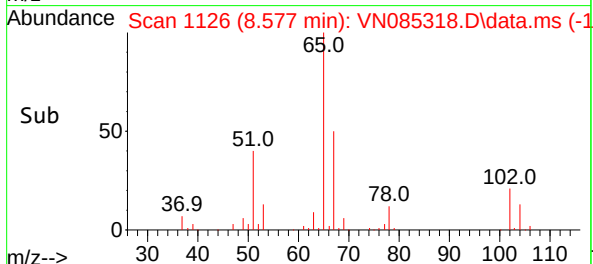
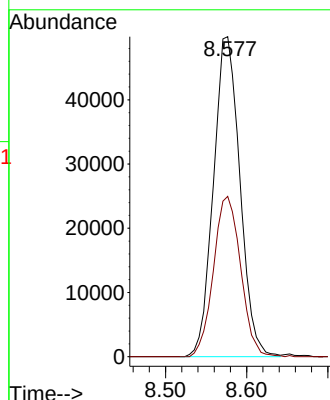
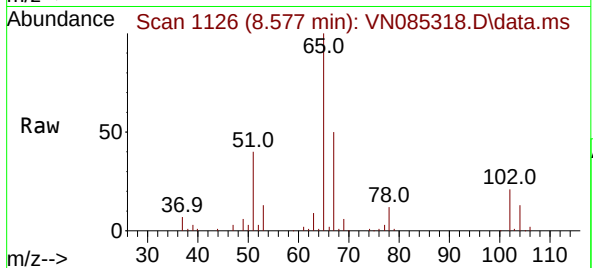
ClientSampleId :

Tgt Ion: 65 Resp: 112978

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

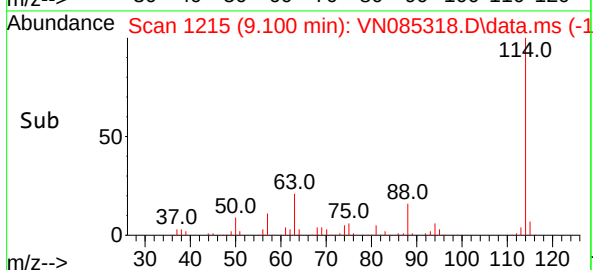
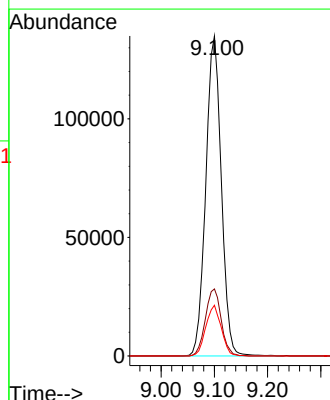
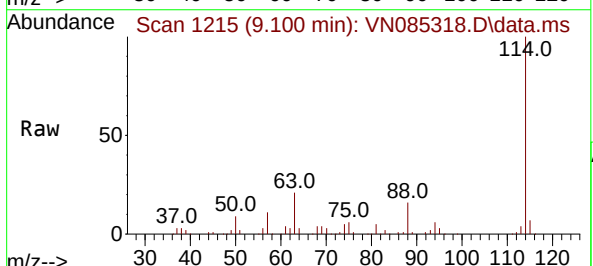
Tgt Ion: 114 Resp: 273099

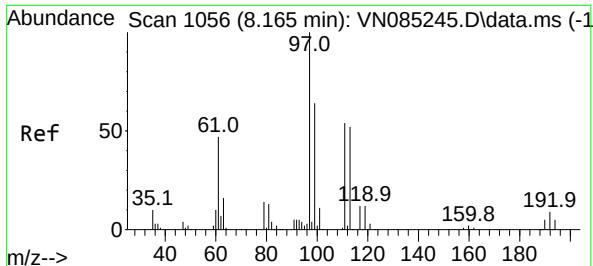
Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.2

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 32.426 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

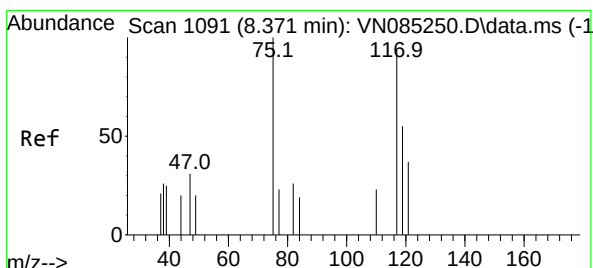
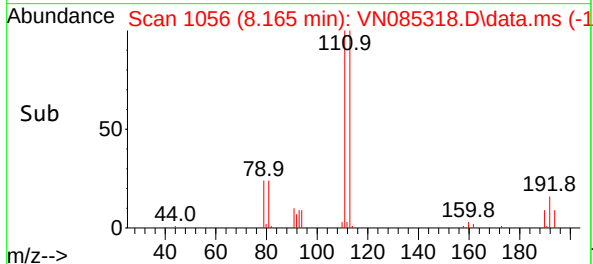
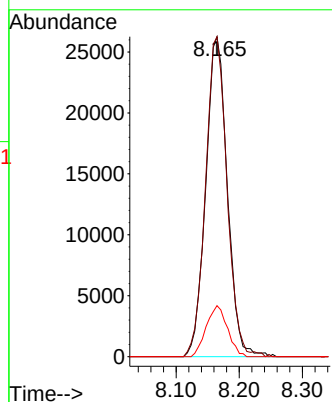
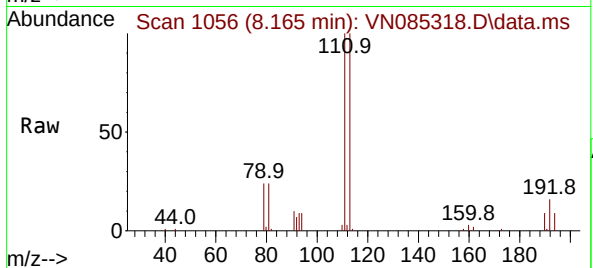
Tgt Ion:113 Resp: 62259

Ion Ratio Lower Upper

113 100

111 99.7 82.1 123.1

192 15.7 13.4 20.0



#36

1,1-Dichloropropene

Concen: 5.250 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

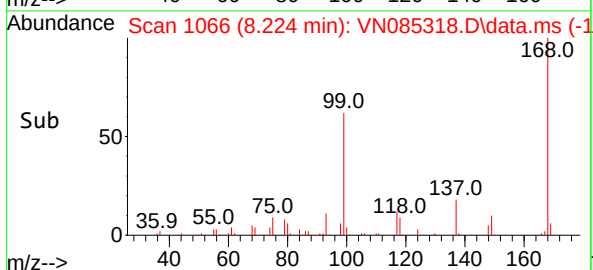
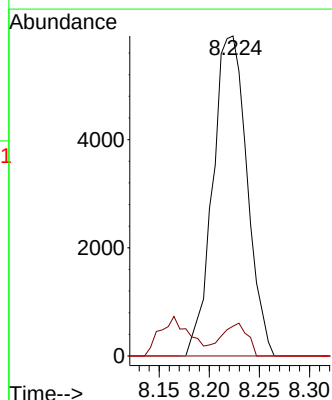
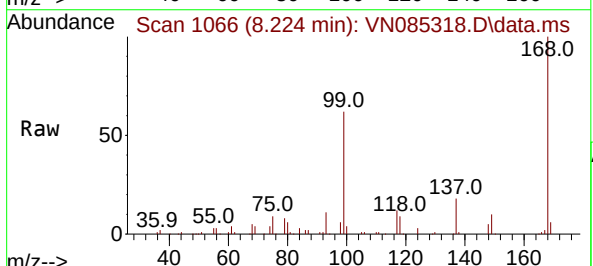
Tgt Ion: 75 Resp: 14037

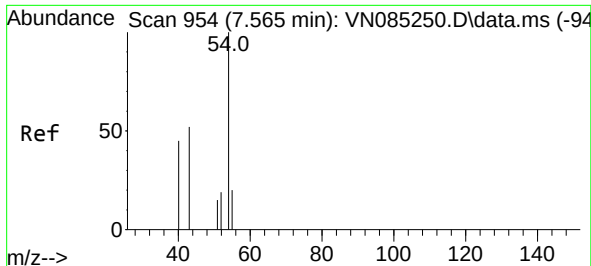
Ion Ratio Lower Upper

75 100

110 7.6 16.0 48.0#

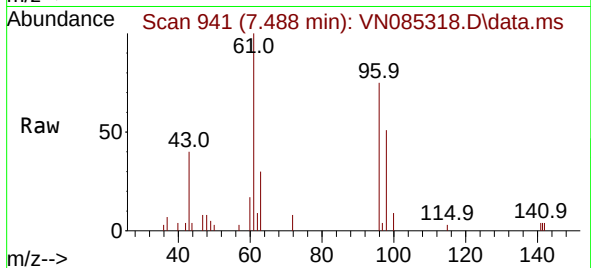
77 0.0 24.6 36.8#



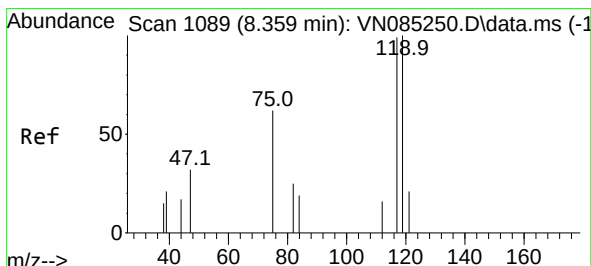
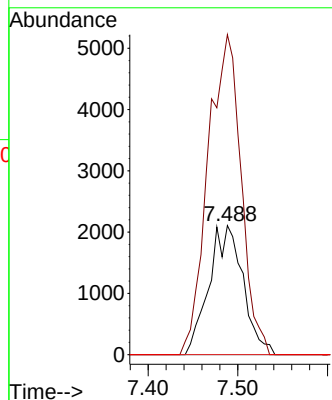
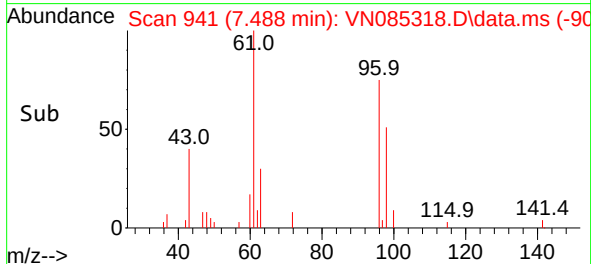


#37
Ethyl Acetate
Concen: 1.800 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.071 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :

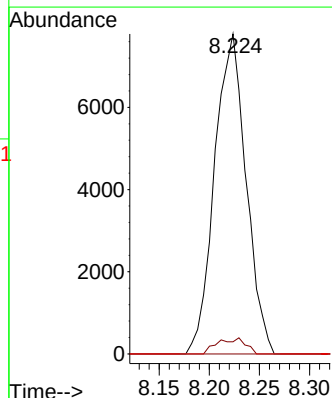
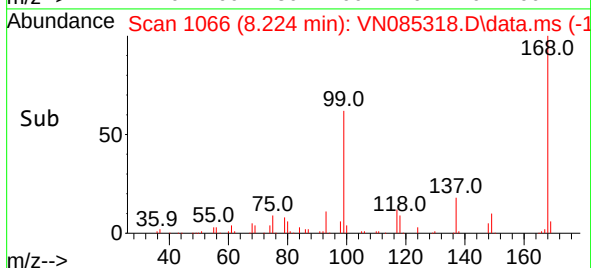
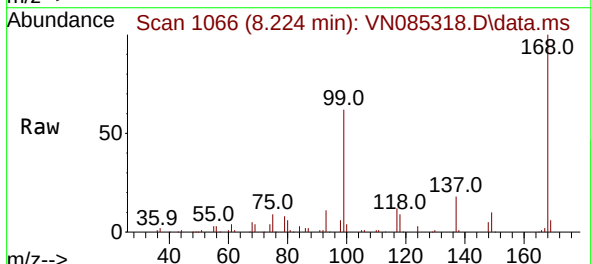


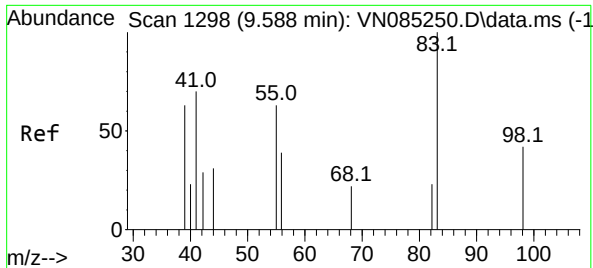
Tgt Ion: 43 Resp: 5552
Ion Ratio Lower Upper
43 100
61 241.1 9.8 14.6#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 5.266 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

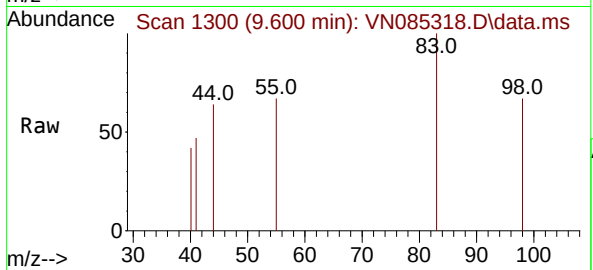
Tgt Ion: 117 Resp: 17021
Ion Ratio Lower Upper
117 100
119 3.8 74.8 112.2#
121 0.0 24.2 36.4#



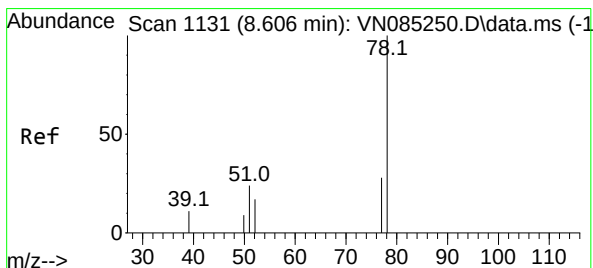
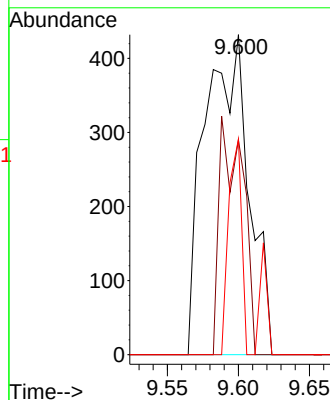
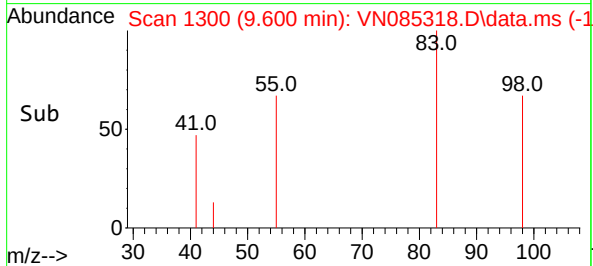


#39
Methylcyclohexane
Concen: 0.336 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :

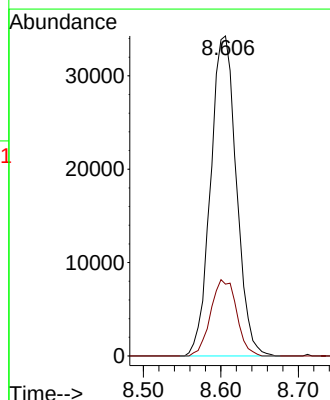
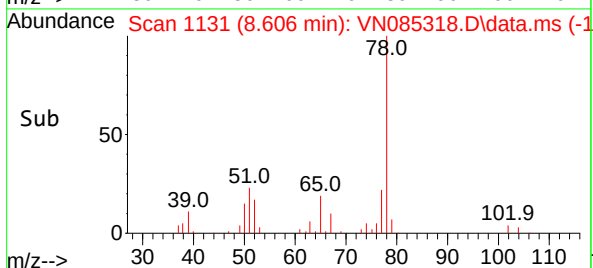
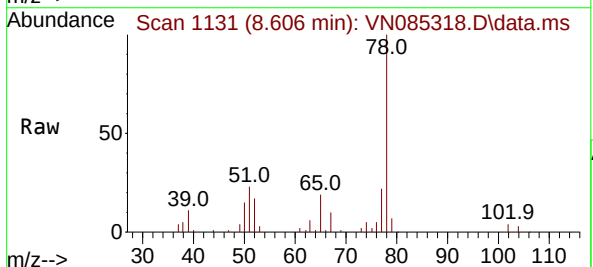


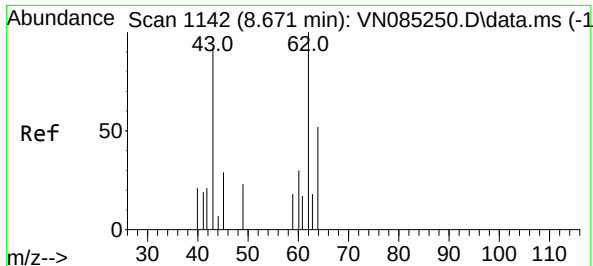
Tgt Ion: 83 Resp: 936
Ion Ratio Lower Upper
83 100
55 67.1 66.8 100.2
98 67.4 39.4 59.2#



#40
Benzene
Concen: 9.526 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion: 78 Resp: 79231
Ion Ratio Lower Upper
78 100
77 22.4 18.9 28.3





#42

1,2-Dichloroethane

Concen: 0.277 ug/l

RT: 8.600 min Scan# 1142

Delta R.T. -0.065 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

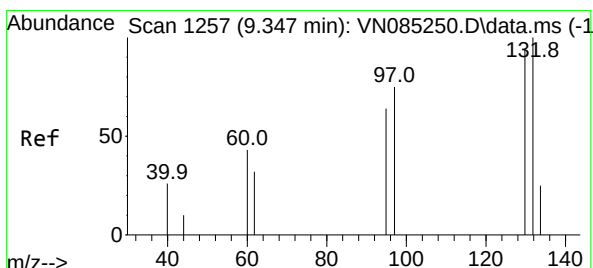
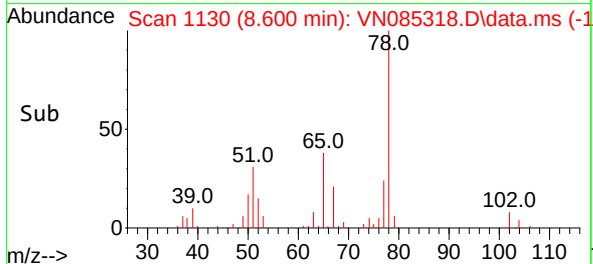
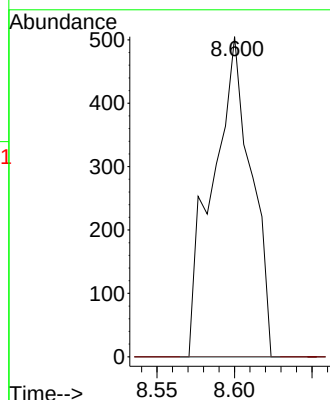
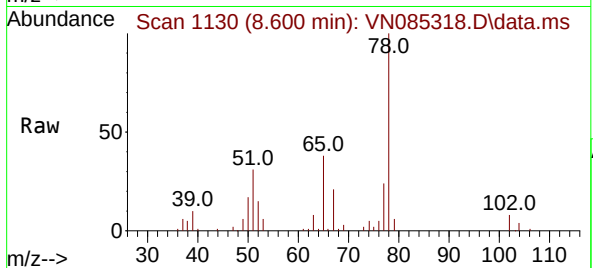
ClientSampleId :

Tgt Ion: 62 Resp: 879

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.4



#44

Trichloroethene

Concen: 0.714 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN085318.D

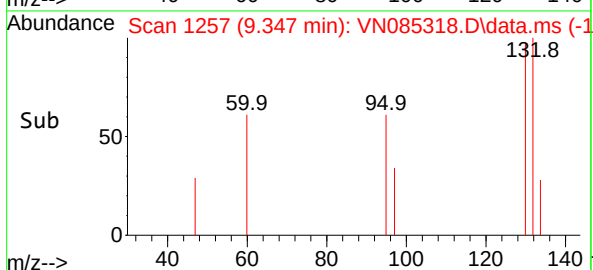
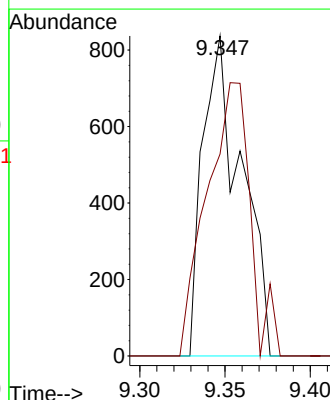
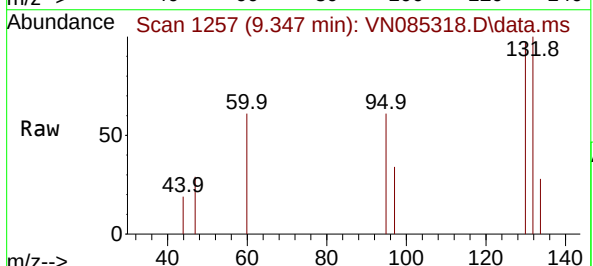
Acq: 26 Dec 2024 15:24

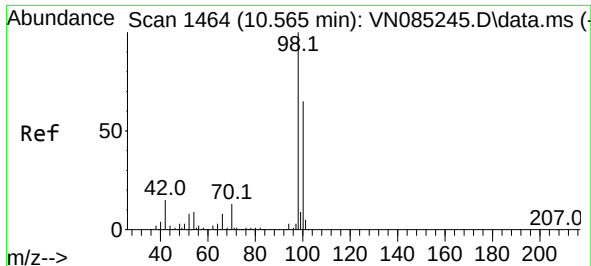
Tgt Ion: 130 Resp: 1322

Ion Ratio Lower Upper

130 100

95 63.1 0.0 207.6

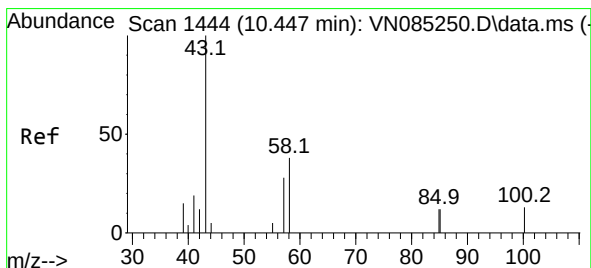
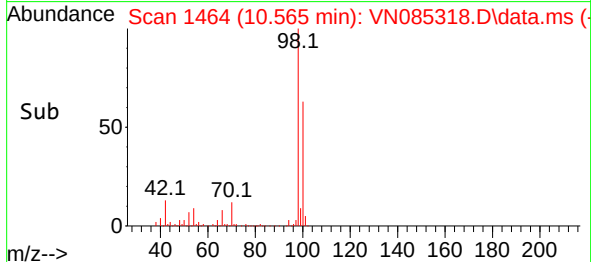
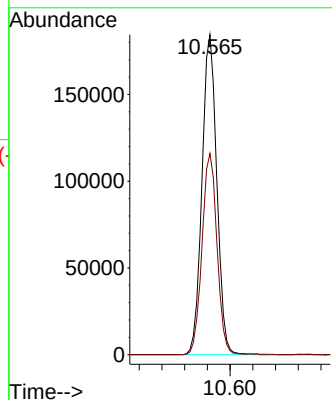
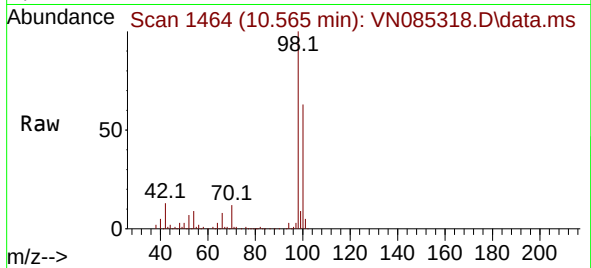




#50
Toluene-d8
Concen: 47.556 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

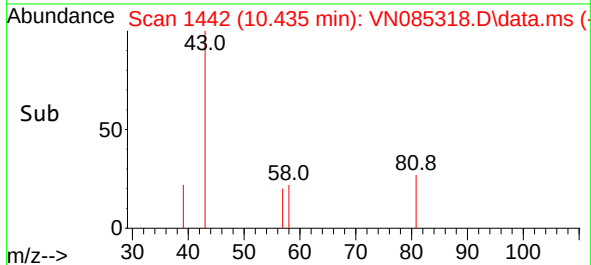
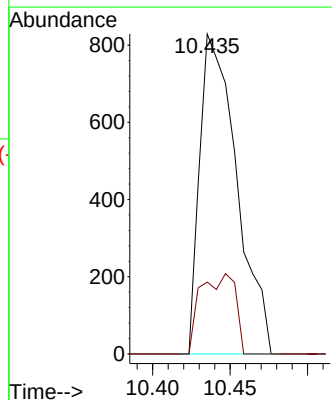
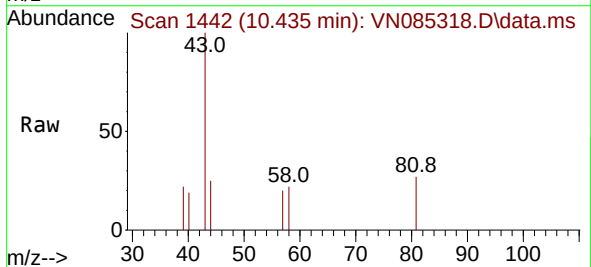
Instrument :
MSVOA_N
ClientSampleId :

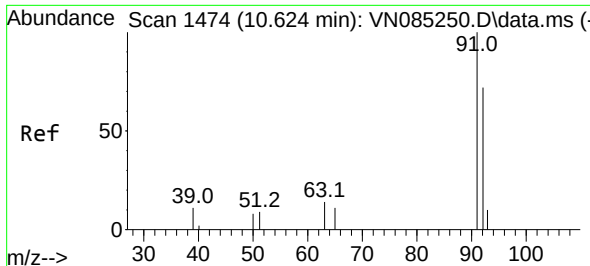
Tgt Ion: 98 Resp: 333732
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.464 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion: 43 Resp: 1375
Ion Ratio Lower Upper
43 100
58 23.6 29.4 44.2#

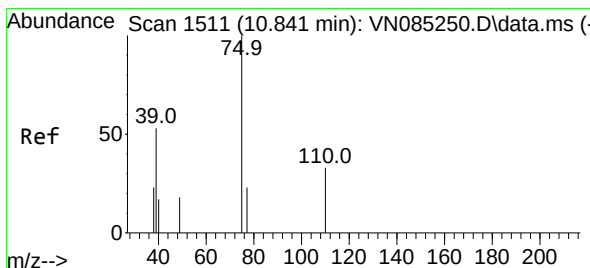
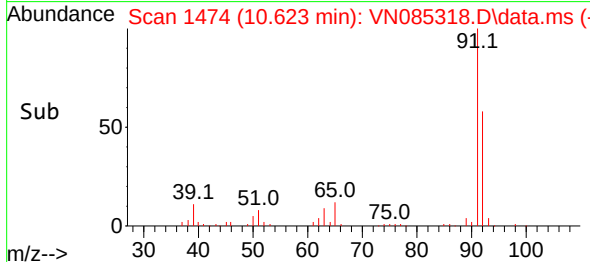
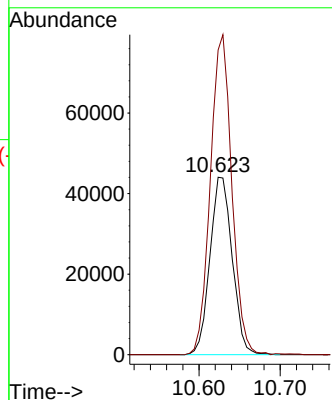
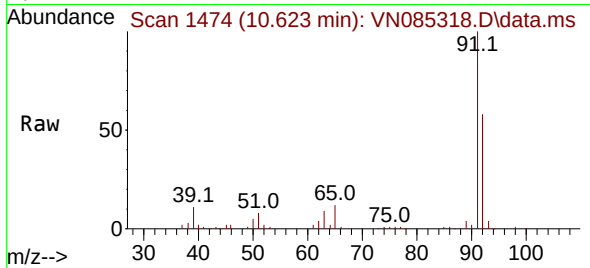




#52
Toluene
Concen: 16.799 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

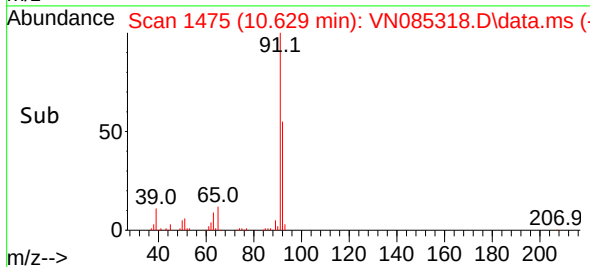
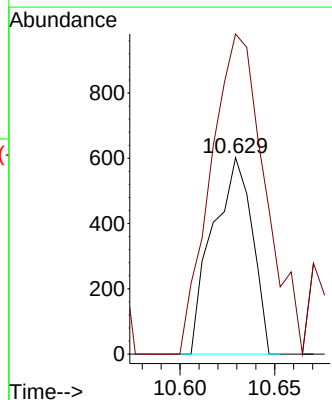
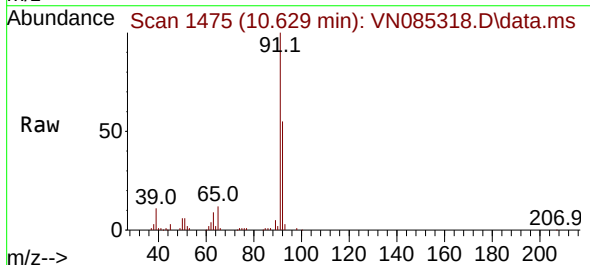
Instrument :
MSVOA_N
ClientSampleId :

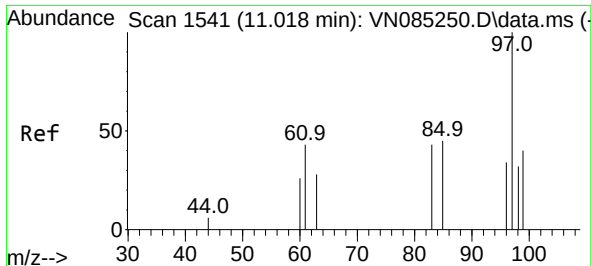
Tgt Ion: 92 Resp: 84012
Ion Ratio Lower Upper
92 100
91 173.7 138.9 208.3



#53
t-1,3-Dichloropropene
Concen: 0.286 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.206 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

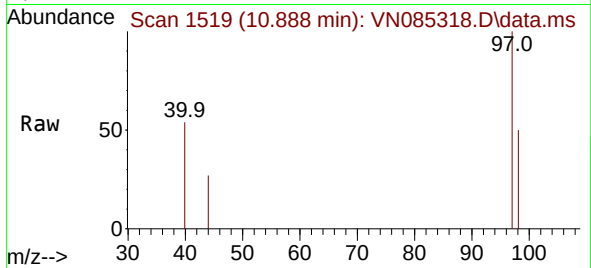
Tgt Ion: 75 Resp: 878
Ion Ratio Lower Upper
75 100
77 163.0 25.4 38.0#





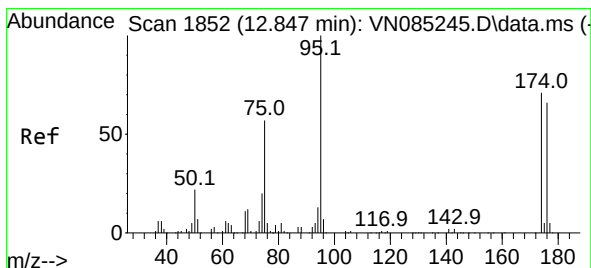
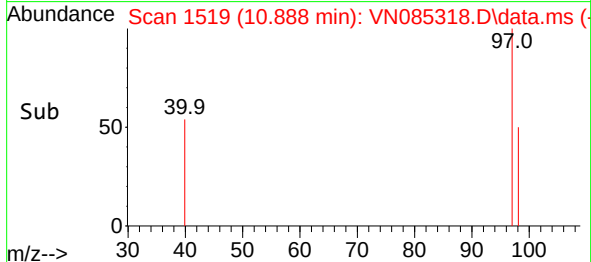
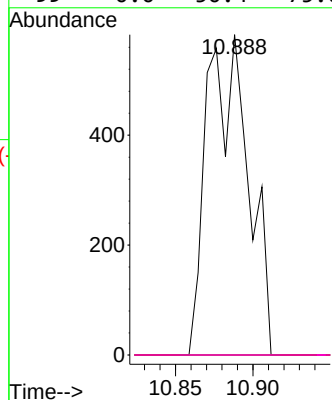
#55
1,1,2-Trichloroethane
Concen: 0.581 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. -0.124 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 97 Resp: 1088

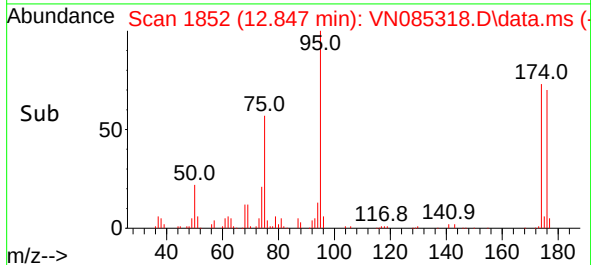
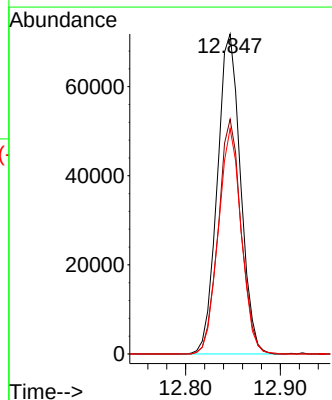
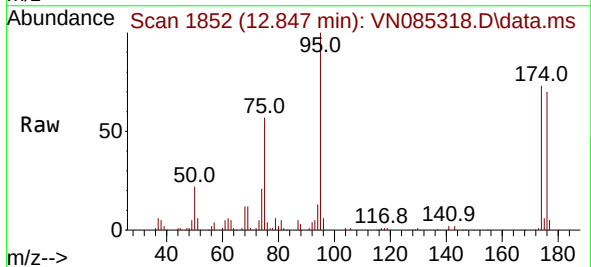
Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.6	104.4#
85	0.0	45.7	68.5#
99	0.0	50.4	75.6#

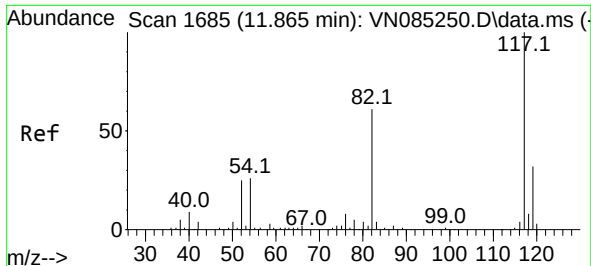


#62
4-Bromofluorobenzene
Concen: 48.828 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion: 95 Resp: 122388

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	144.4
176	69.4	0.0	136.6

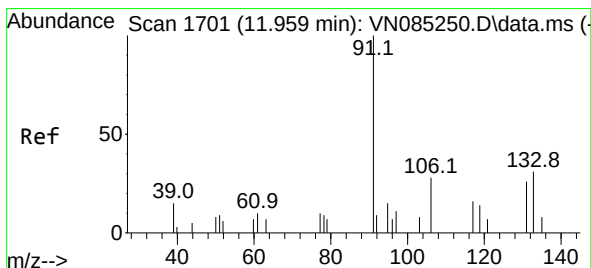
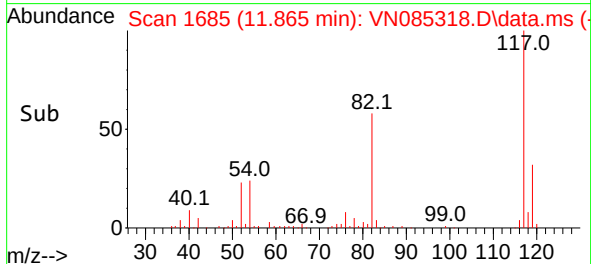
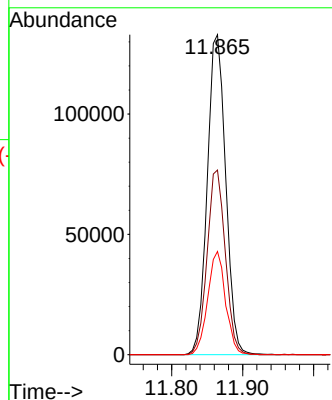
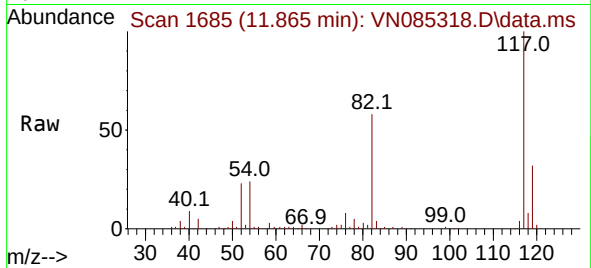




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

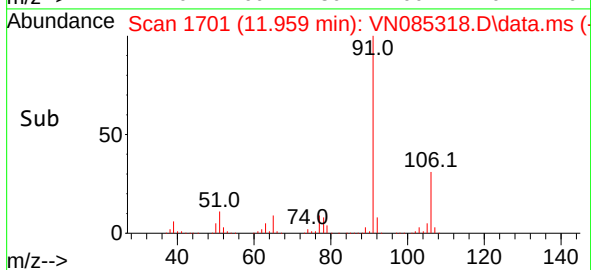
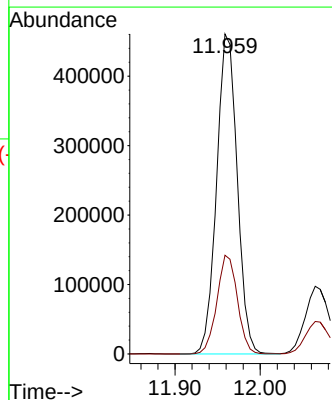
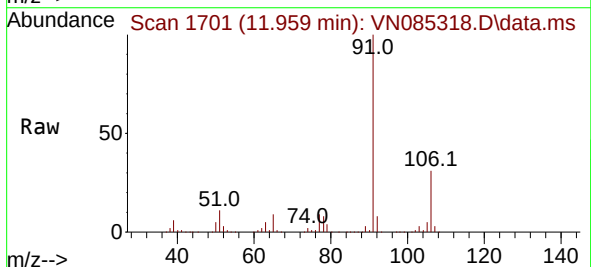
Instrument :
MSVOA_N
ClientSampleId :

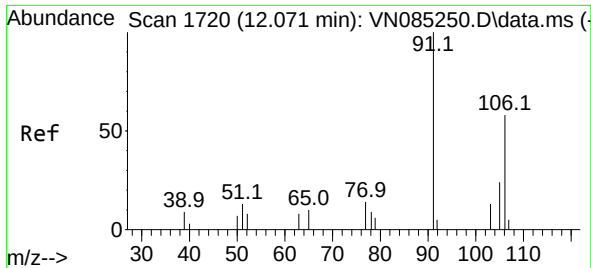
Tgt Ion:117 Resp: 239856
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.2 25.6 38.4



#67
Ethyl Benzene
Concen: 83.904 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion: 91 Resp: 775384
Ion Ratio Lower Upper
91 100
106 30.9 23.5 35.3

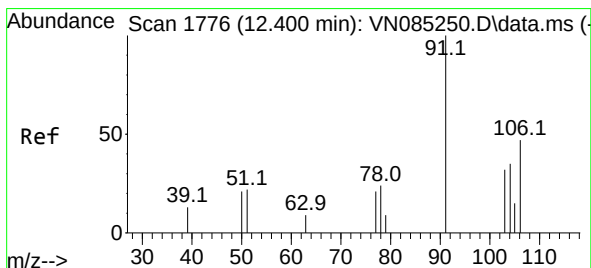
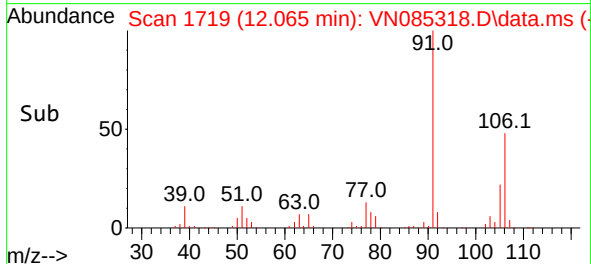
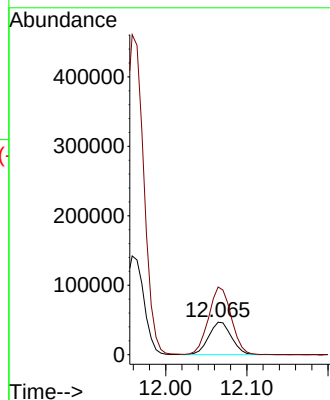
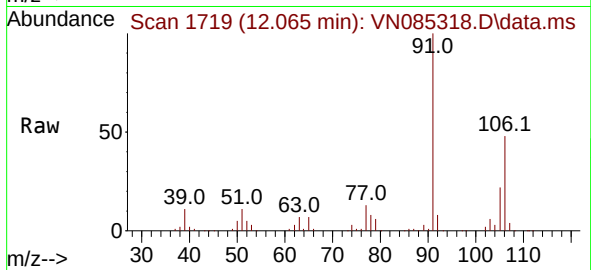




#68
m/p-Xylenes
Concen: 26.410 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

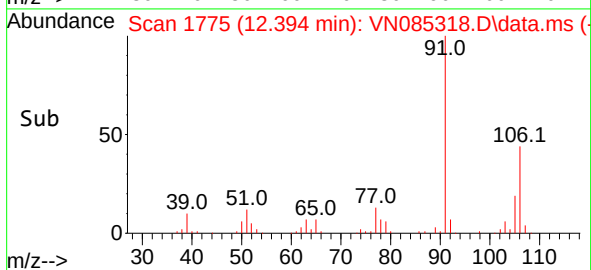
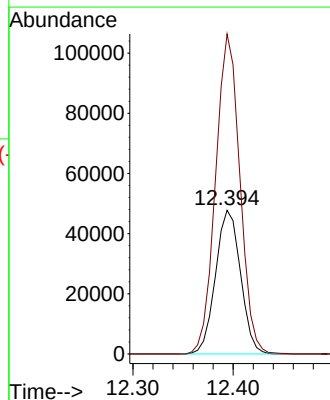
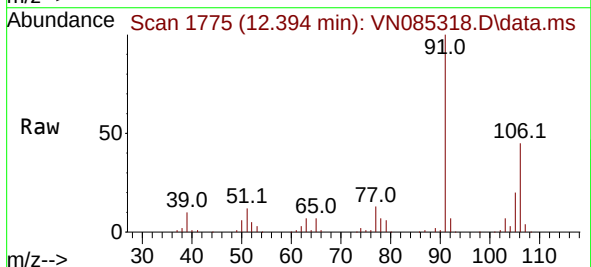
Instrument :
MSVOA_N
ClientSampleId :

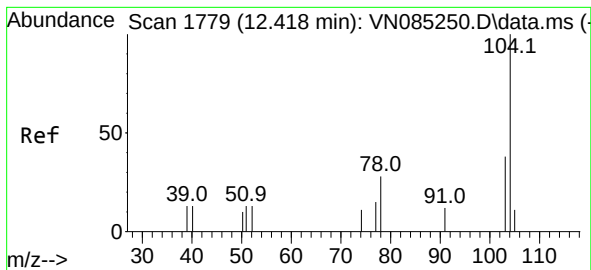
Tgt Ion:106 Resp: 91281
Ion Ratio Lower Upper
106 100
91 207.8 168.3 252.5



#69
o-Xylene
Concen: 25.417 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion:106 Resp: 82573
Ion Ratio Lower Upper
106 100
91 216.9 112.1 336.2





#70

Styrene

Concen: 0.934 ug/l

RT: 12.394 min Scan# 1

Delta R.T. -0.018 min

Lab File: VN085318.D

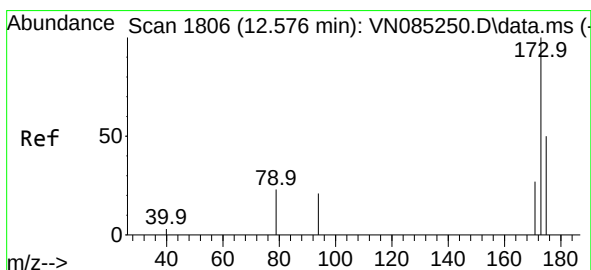
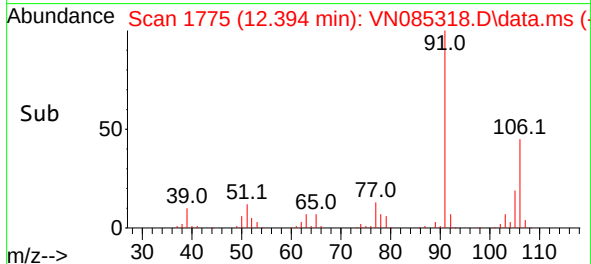
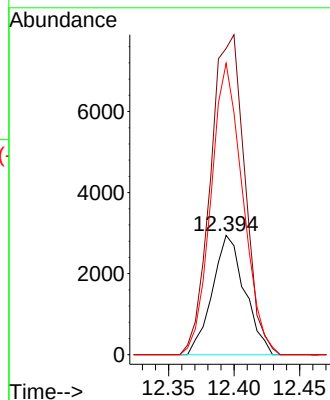
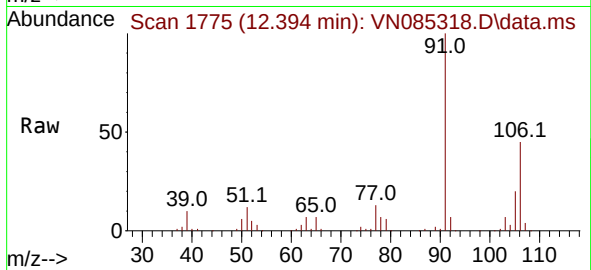
Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	104	Resp:	5068
Ion Ratio	Lower	Upper	
104	100		
78	283.0	43.2	64.8#
103	239.5	44.6	66.8#



#71

Bromoform

Concen: 0.604 ug/l

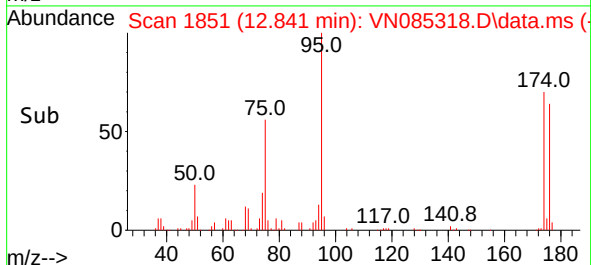
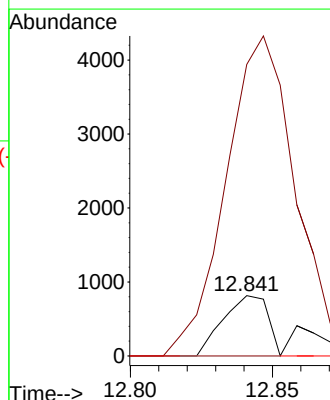
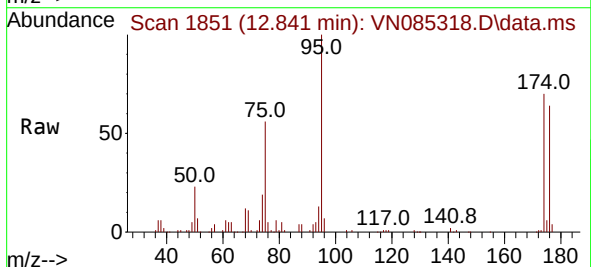
RT: 12.841 min Scan# 1851

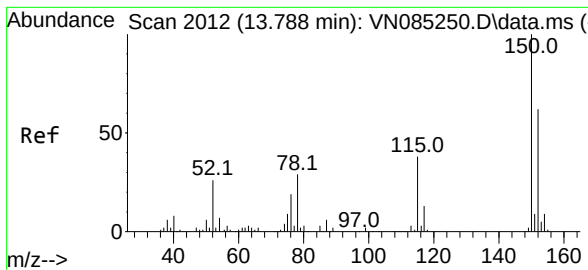
Delta R.T. 0.264 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Tgt Ion:	173	Resp:	891
Ion Ratio	Lower	Upper	
173	100		
175	667.0	24.5	73.5#
254	0.0	0.0	0.0

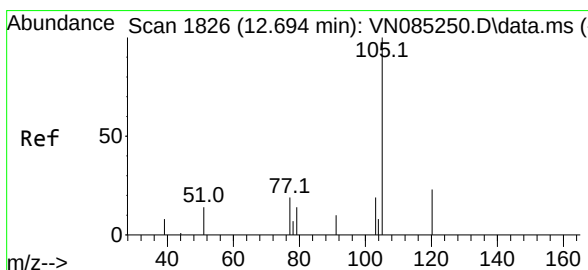
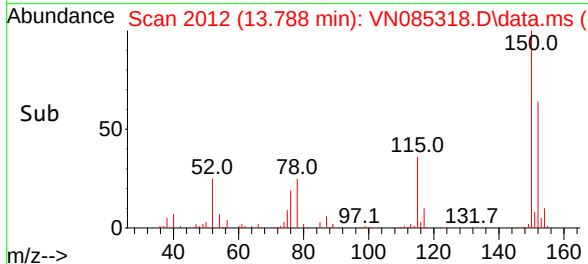
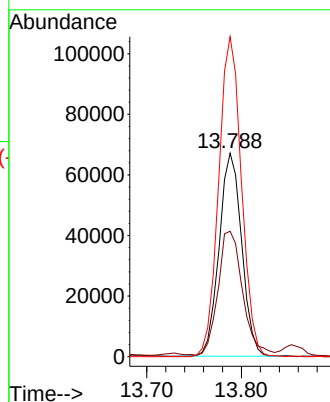
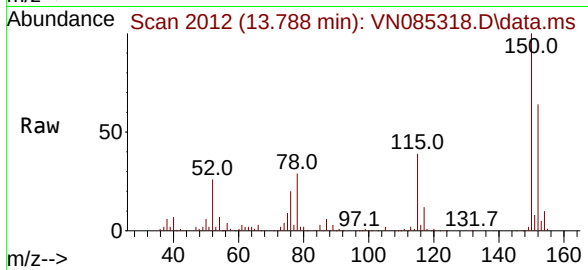




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085318.D
 Acq: 26 Dec 2024 15:24

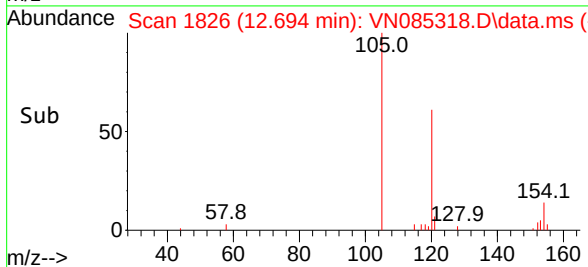
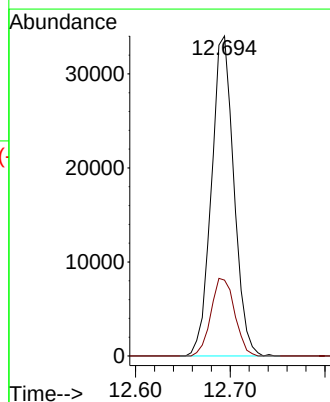
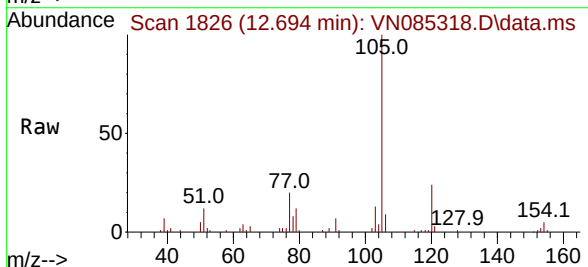
Instrument :
 MSVOA_N
 ClientSampleId :

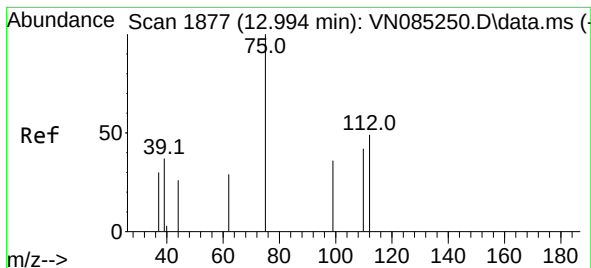
Tgt Ion:152 Resp: 110672
 Ion Ratio Lower Upper
 152 100
 115 66.5 32.1 96.3
 150 159.5 0.0 354.6



#73
 Isopropylbenzene
 Concen: 7.024 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. -0.000 min
 Lab File: VN085318.D
 Acq: 26 Dec 2024 15:24

Tgt Ion:105 Resp: 56079
 Ion Ratio Lower Upper
 105 100
 120 25.6 13.0 38.9





#76

1,2,3-Trichloropropane

Concen: 26.429 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

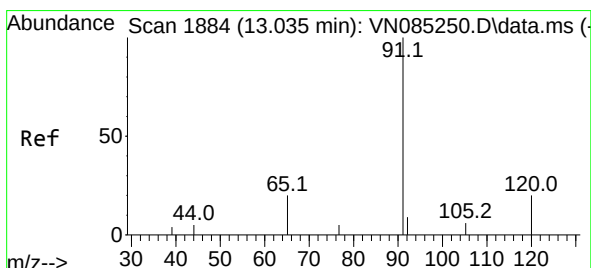
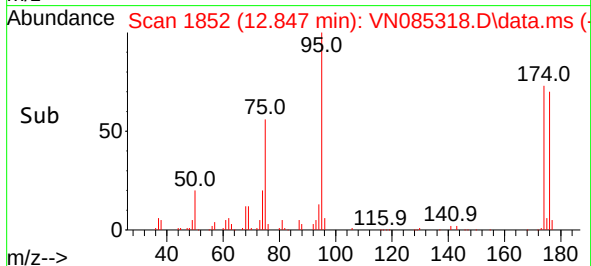
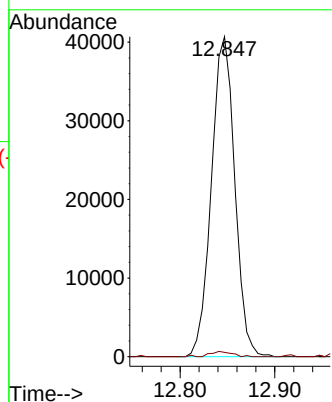
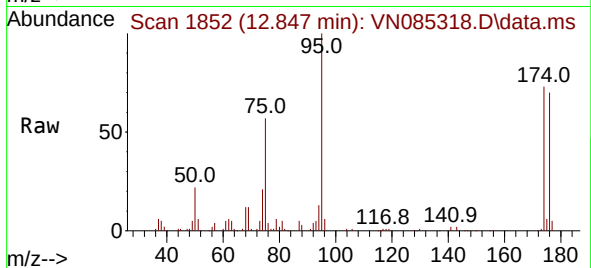
ClientSampleId :

Tgt Ion: 75 Resp: 69722

Ion Ratio Lower Upper

75 100

77 1.5 102.6 307.7#



#78

n-propylbenzene

Concen: 2.363 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN085318.D

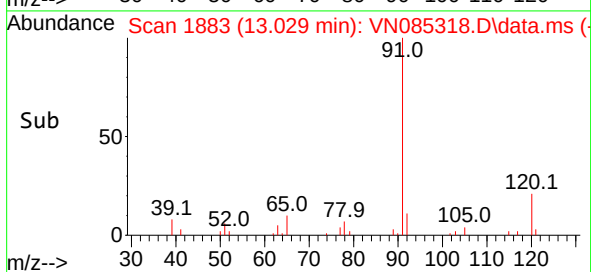
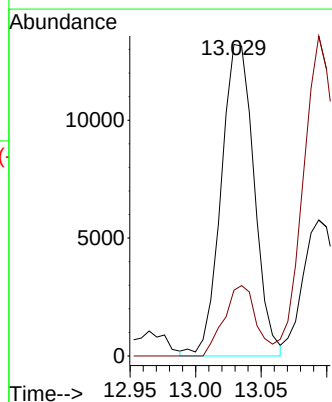
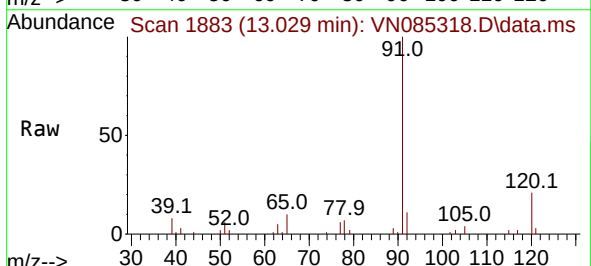
Acq: 26 Dec 2024 15:24

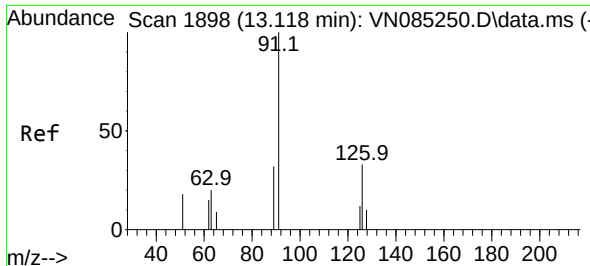
Tgt Ion: 91 Resp: 23138

Ion Ratio Lower Upper

91 100

120 22.0 10.8 32.3

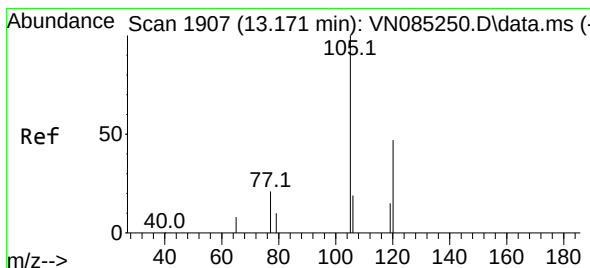
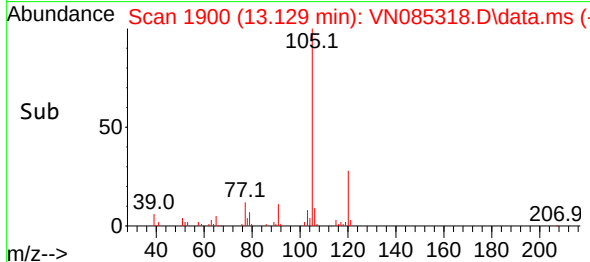
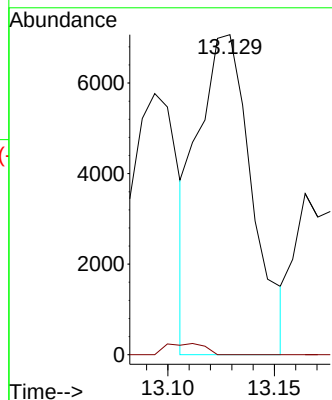
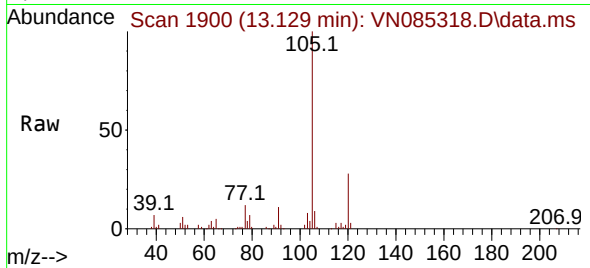




#79
2-Chlorotoluene
Concen: 2.020 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

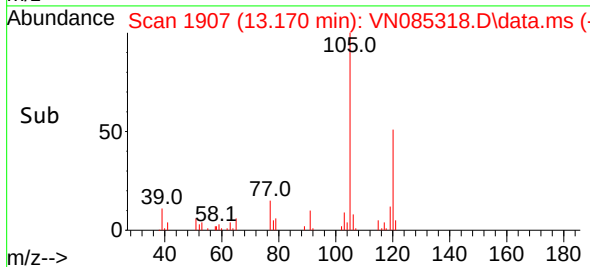
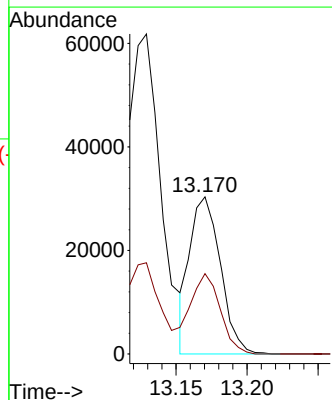
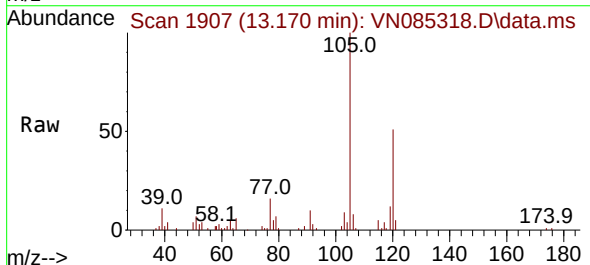
Instrument :
MSVOA_N
ClientSampleId :

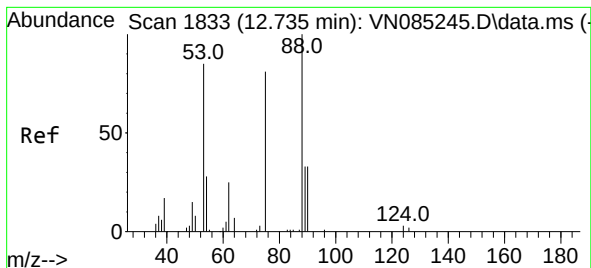
Tgt Ion: 91 Resp: 12557
Ion Ratio Lower Upper
91 100
126 2.5 15.2 45.5#



#80
1,3,5-Trimethylbenzene
Concen: 6.808 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

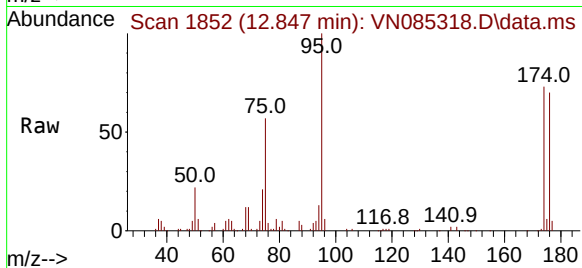
Tgt Ion: 105 Resp: 45334
Ion Ratio Lower Upper
105 100
120 52.4 23.4 70.2



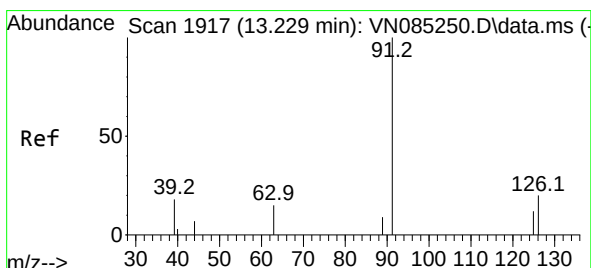
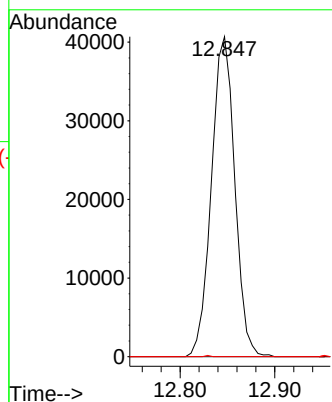
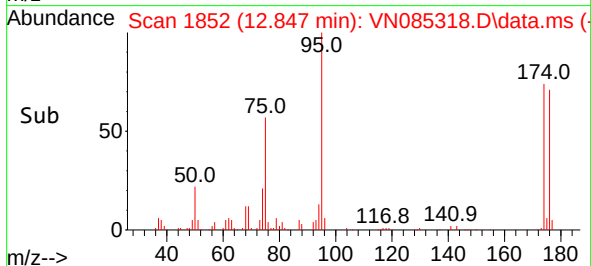


#81
trans-1,4-Dichloro-2-butene
Concen: 70.178 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :

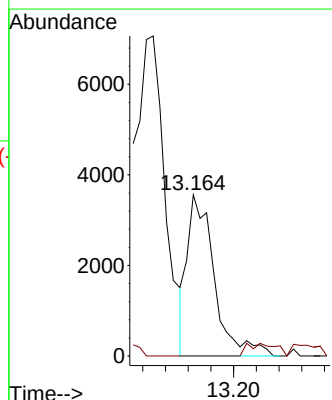
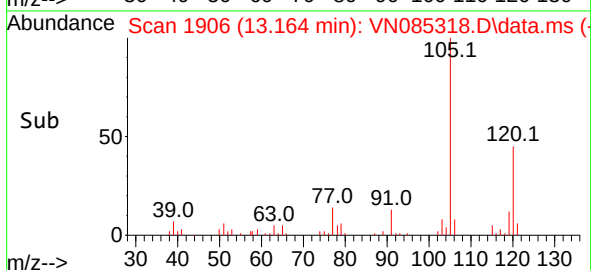
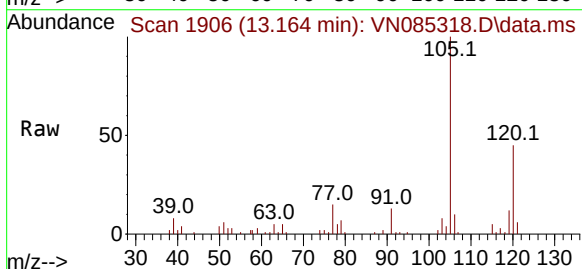


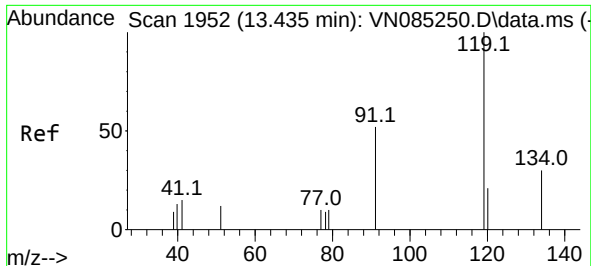
Tgt Ion: 75 Resp: 69722
Ion Ratio Lower Upper
75 100
53 0.0 84.9 127.3#
89 0.1 37.9 56.9#



#82
4-Chlorotoluene
Concen: 0.932 ug/l
RT: 13.164 min Scan# 1906
Delta R.T. -0.053 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion: 91 Resp: 5864
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#

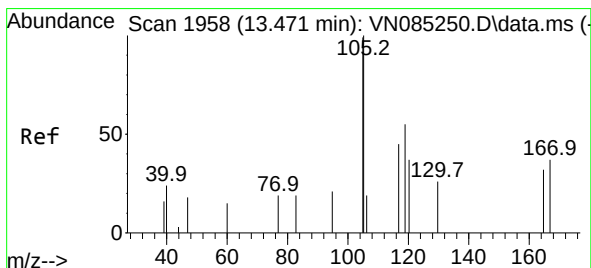
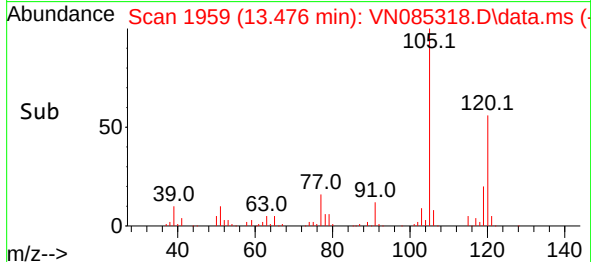
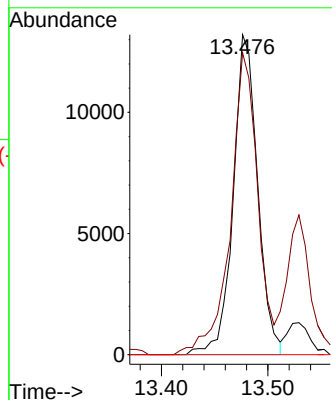
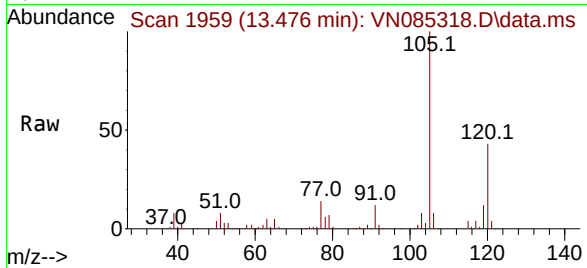




#83
 tert-Butylbenzene
 Concen: 3.737 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.041 min
 Lab File: VN085318.D
 Acq: 26 Dec 2024 15:24

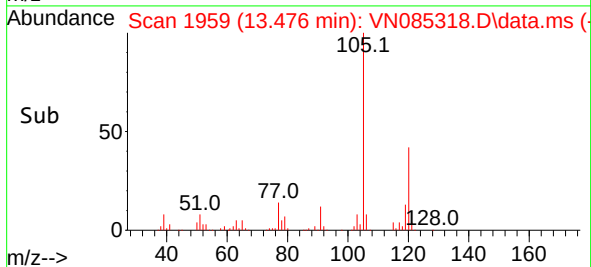
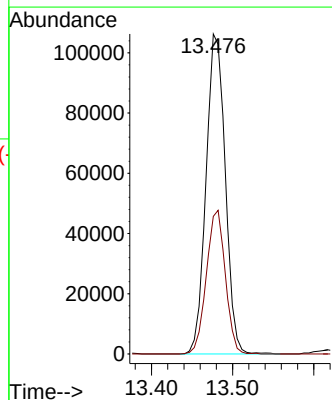
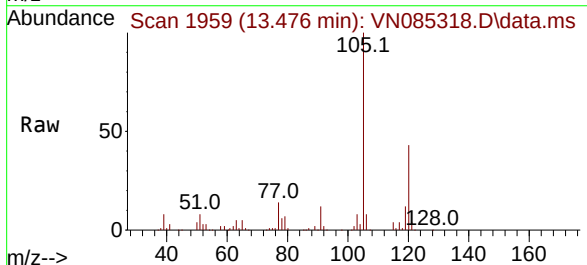
Instrument :
 MSVOA_N
 ClientSampleId :

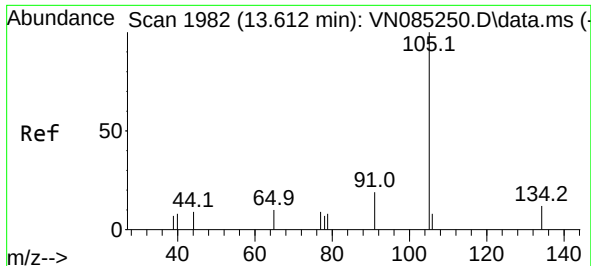
Tgt Ion:119 Resp: 21105
 Ion Ratio Lower Upper
 119 100
 91 104.2 36.3 108.7
 134 0.0 12.2 36.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 25.647 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.006 min
 Lab File: VN085318.D
 Acq: 26 Dec 2024 15:24

Tgt Ion:105 Resp: 174575
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.8 65.3

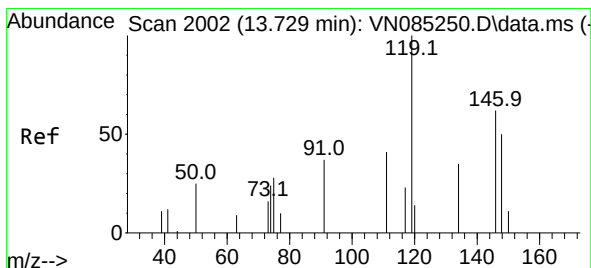
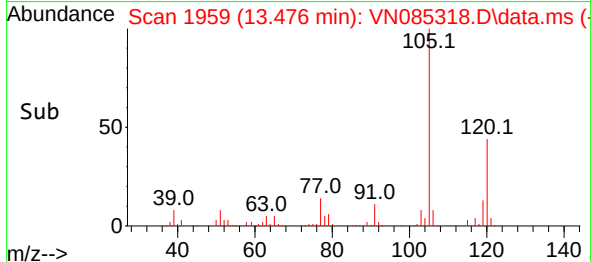
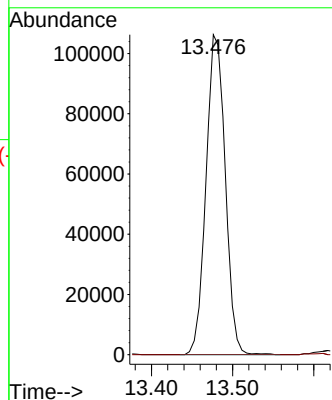
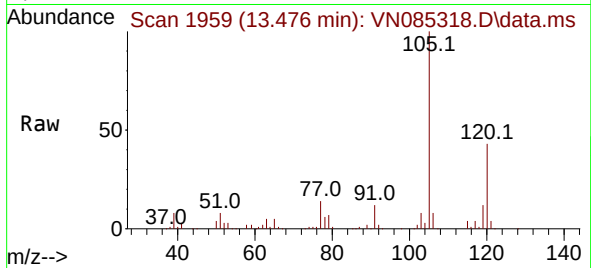




#85
 sec-Butylbenzene
 Concen: 22.173 ug/l
 RT: 13.476 min Scan# 1982
 Delta R.T. -0.136 min
 Lab File: VN085318.D
 Acq: 26 Dec 2024 15:24

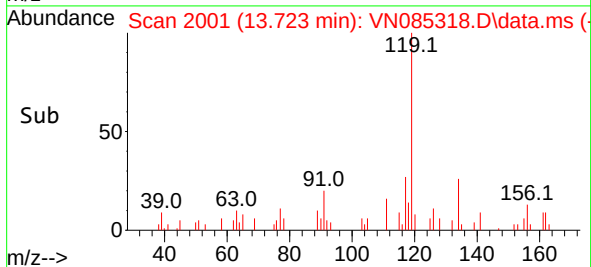
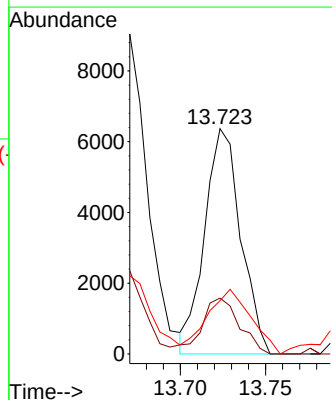
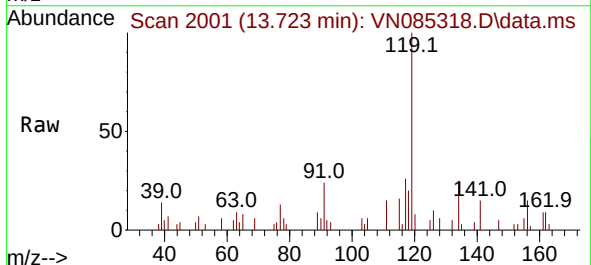
Instrument :
 MSVOA_N
 ClientSampleId :

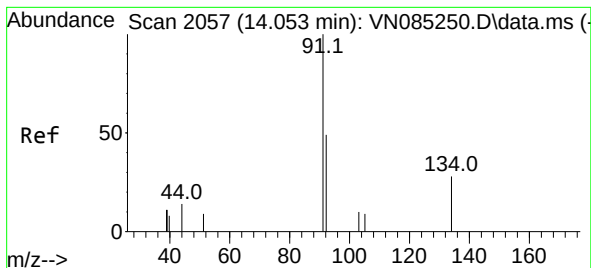
Tgt Ion:105 Resp: 174575
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.3#



#86
 p-Isopropyltoluene
 Concen: 3.131 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN085318.D
 Acq: 26 Dec 2024 15:24

Tgt Ion:119 Resp: 9385
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.5 37.5
 91 0.0 13.0 38.9#

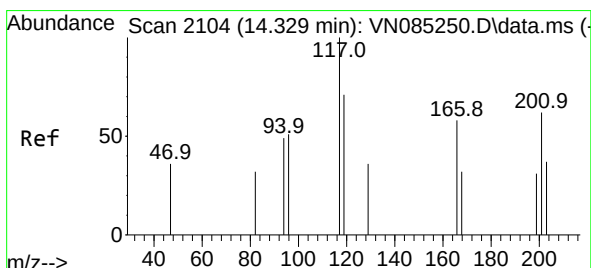
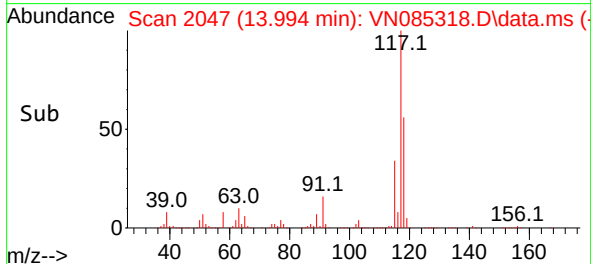
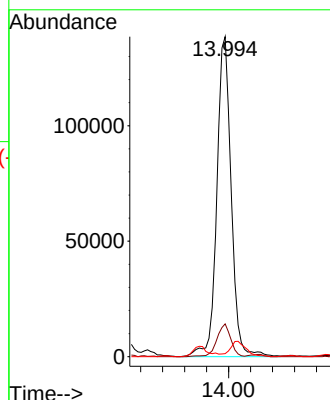
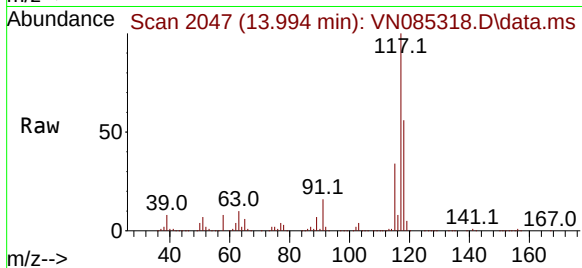




#89
n-Butylbenzene
Concen: 43.459 ug/l
RT: 13.994 min Scan# 2047
Delta R.T. -0.059 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

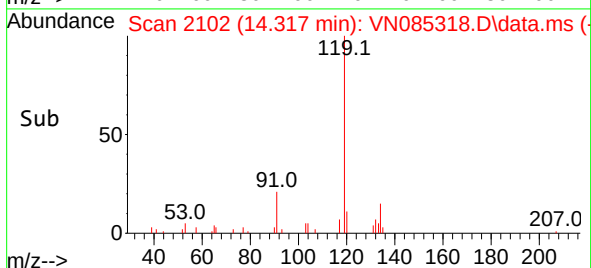
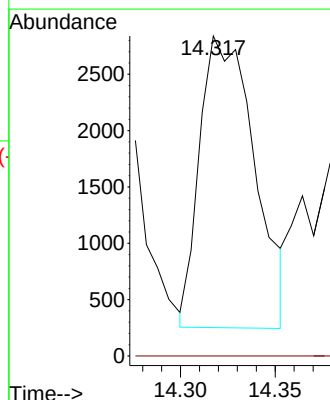
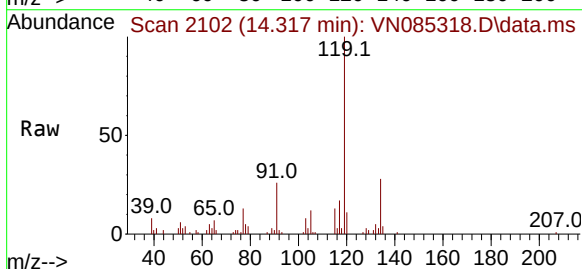
Instrument :
MSVOA_N
ClientSampleId :

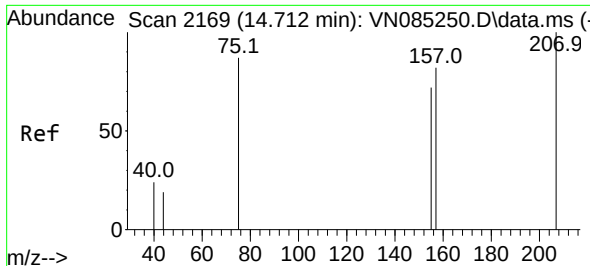
Tgt Ion: 91 Resp: 251630
Ion Ratio Lower Upper
91 100
92 9.9 25.8 77.3#
134 0.0 12.0 36.0#



#90
Hexachloroethane
Concen: 3.599 ug/l
RT: 14.317 min Scan# 2102
Delta R.T. -0.018 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion: 117 Resp: 5206
Ion Ratio Lower Upper
117 100
201 0.0 31.9 95.7#

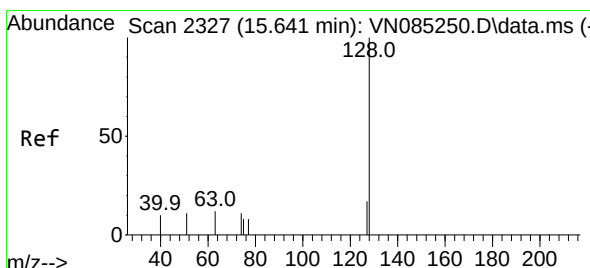
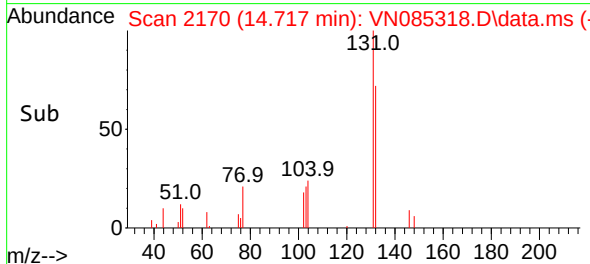
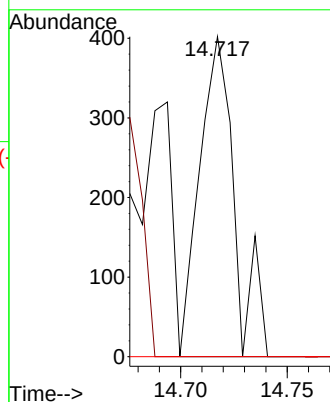
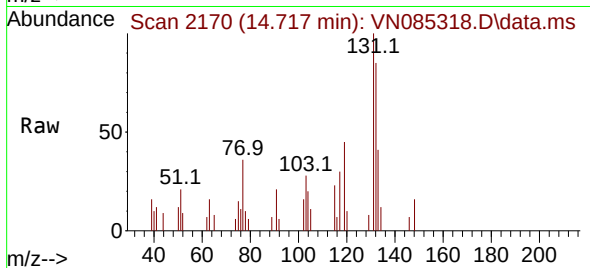




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.843 ug/l
RT: 14.717 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 460
Ion Ratio Lower Upper
75 100
155 0.0 35.4 106.2#
157 0.0 43.3 129.9#



#95
Naphthalene
Concen: 1642.332 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion:128 Resp: 9995820
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.1 8.6 13.0

