

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083519.D
 Acq On : 27 Aug 2024 19:08
 Operator : JC\MD
 Sample : P3739-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 28 01:51:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

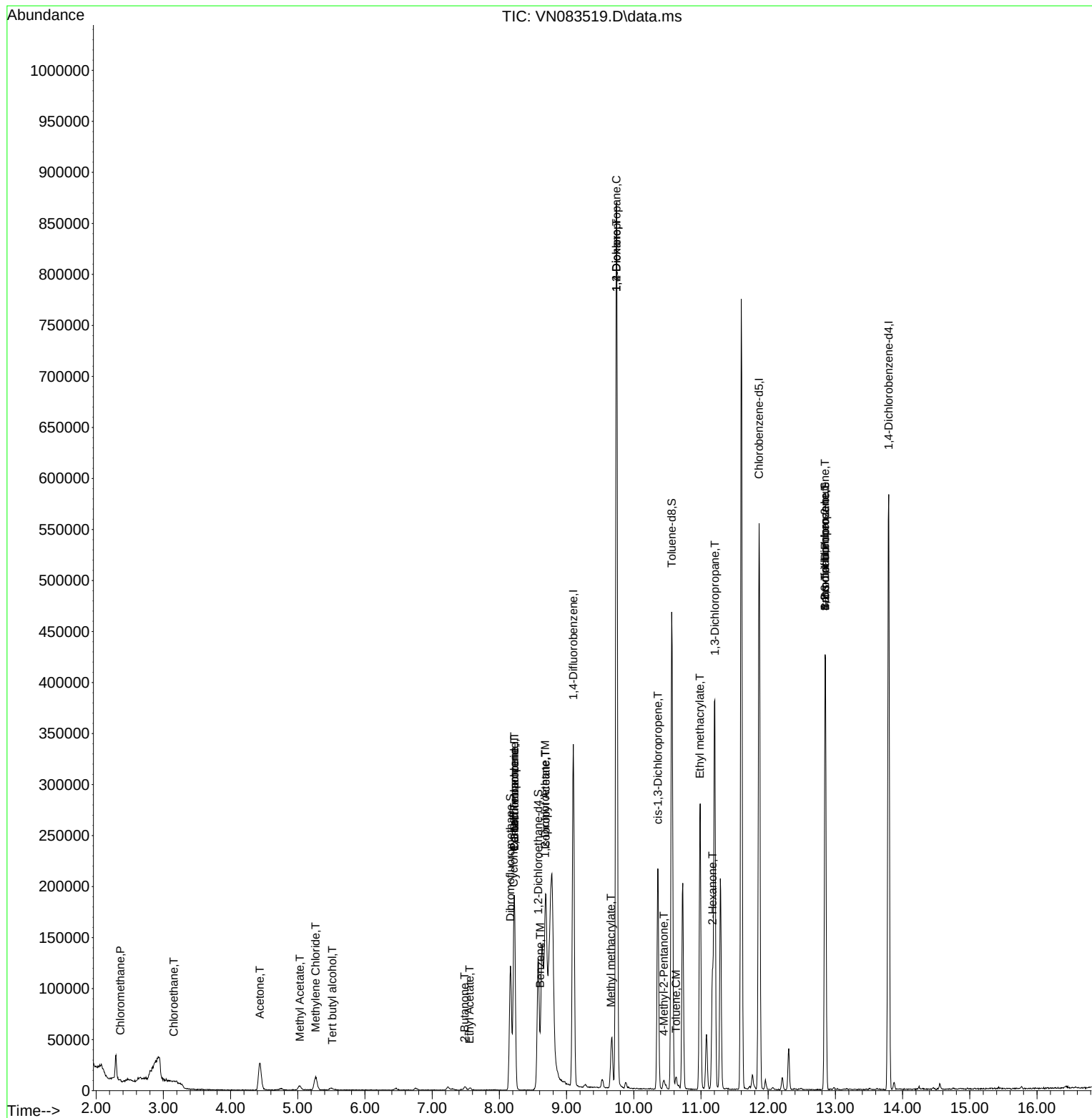
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	131924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	151440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108726	57.901	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.800%
35) Dibromofluoromethane	8.165	113	85249	48.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	10.565	98	315258	48.540	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.847	95	151472	59.822	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	119.640%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	602	0.393	ug/l #	43
6) Chloroethane	3.153	64	1542	1.577	ug/l #	41
11) Tert butyl alcohol	5.512	59	1995	5.112	ug/l #	71
16) Acetone	4.436	43	50295	68.450	ug/l	96
18) Methyl Acetate	5.030	43	8656	3.954	ug/l	99
20) Methylene Chloride	5.265	84	10119	5.984	ug/l #	83
25) 2-Butanone	7.483	43	6039	5.353	ug/l	92
31) Cyclohexane	8.212	56	3430	1.233	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	12386	4.703	ug/l #	51
37) Ethyl Acetate	7.559	43	3408	1.156	ug/l #	77
38) Carbon Tetrachloride	8.224	117	15074	5.081	ug/l #	16
40) Benzene	8.606	78	10332	1.317	ug/l	99
42) 1,2-Dichloroethane	8.683	62	1073	0.375	ug/l #	78
43) Isopropyl Acetate	8.688	43	241368	46.996	ug/l #	78
45) 1,2-Dichloropropane	9.741	63	1244	0.668	ug/l #	44
48) Methyl methacrylate	9.659	41	3598	1.476	ug/l #	52
49) 1,4-Dioxane	9.741	88	64	1.455	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	6886	2.469	ug/l	91
52) Toluene	10.629	92	4736	0.955	ug/l	97
54) cis-1,3-Dichloropropene	10.359	75	38398	11.741	ug/l #	55
56) Ethyl methacrylate	10.982	69	834	0.249	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	4286	1.353	ug/l #	43
59) 2-Hexanone	11.171	43	94122	43.627	ug/l #	28
71) Bromoform	12.847	173	573	0.321	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	84274	25.355	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	84274	55.154	ug/l #	6

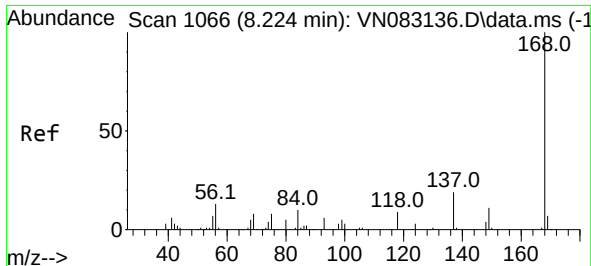
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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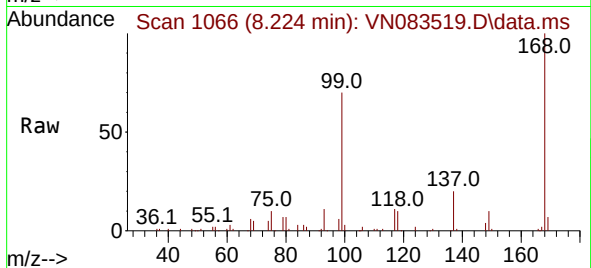
Quant Time: Aug 28 01:51:56 2024
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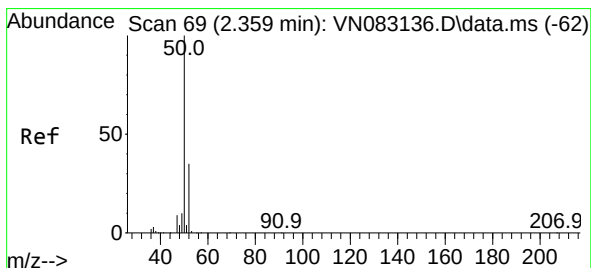
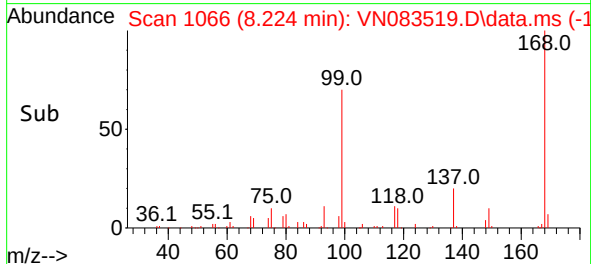
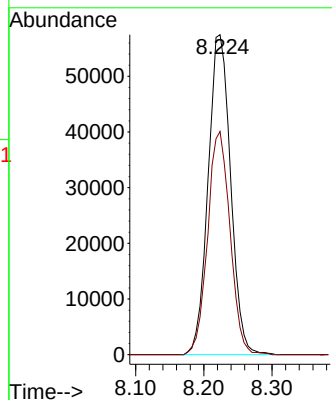


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :

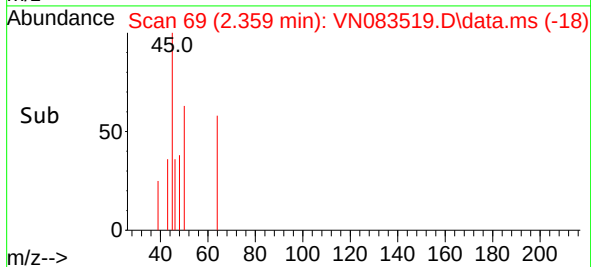
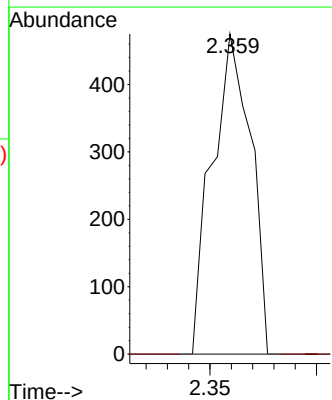
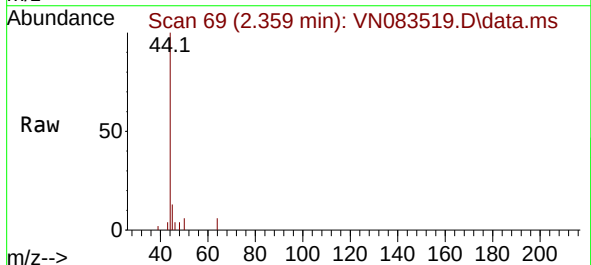


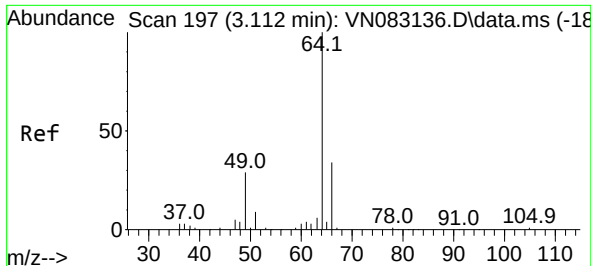
Tgt Ion:168 Resp: 131924
Ion Ratio Lower Upper
168 100
99 69.7 48.2 72.4



#3
Chloromethane
Concen: 0.393 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Tgt Ion: 50 Resp: 602
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

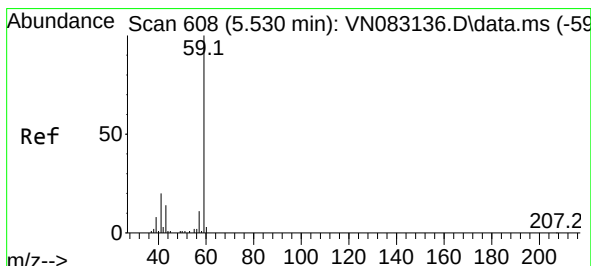
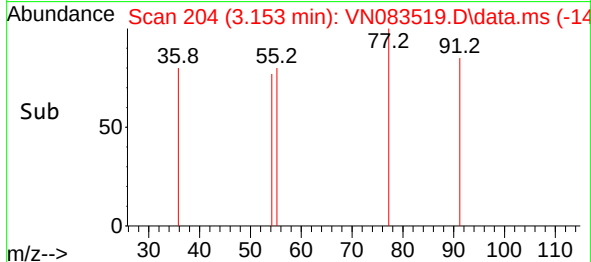
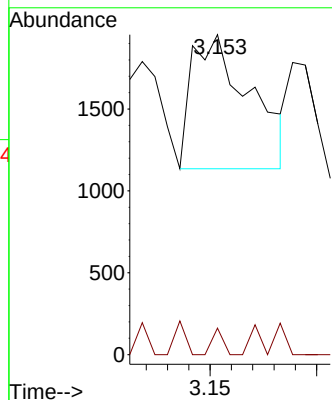
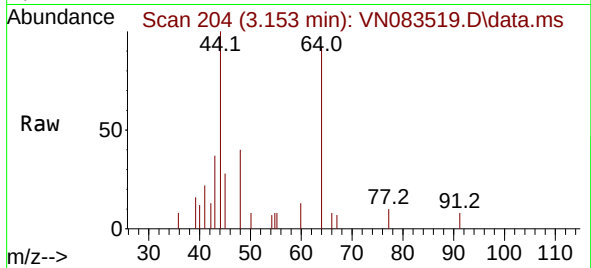




#6
Chloroethane
Concen: 1.577 ug/l
RT: 3.153 min Scan# 204
Delta R.T. 0.041 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

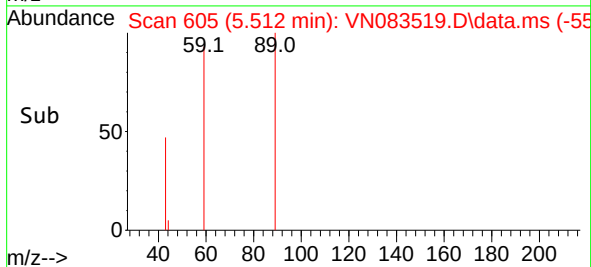
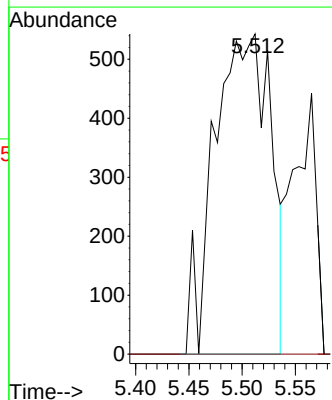
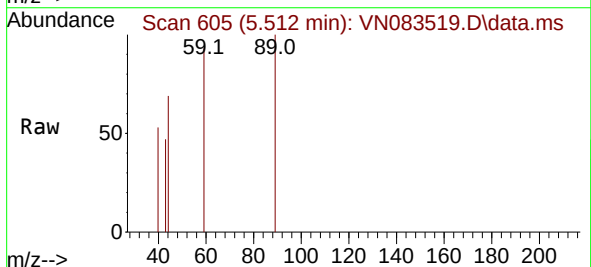
Instrument :
MSVOA_N
ClientSampleId :

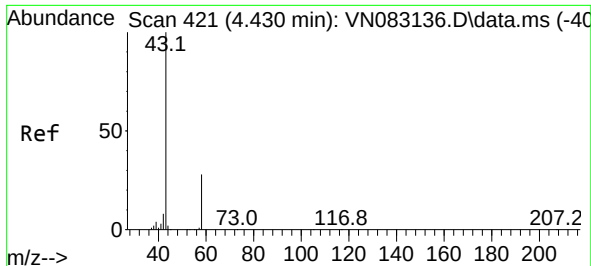
Tgt Ion: 64 Resp: 1542
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#11
Tert butyl alcohol
Concen: 5.112 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.018 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Tgt Ion: 59 Resp: 1995
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

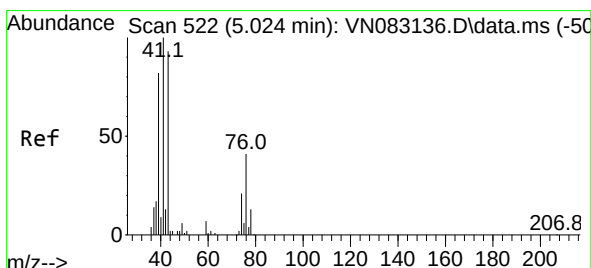
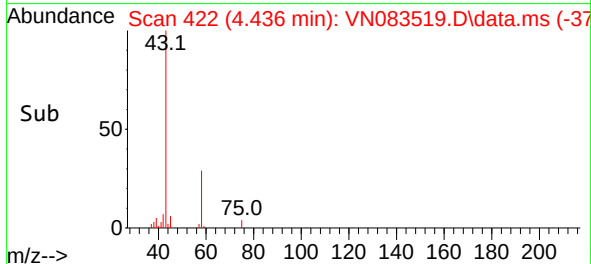
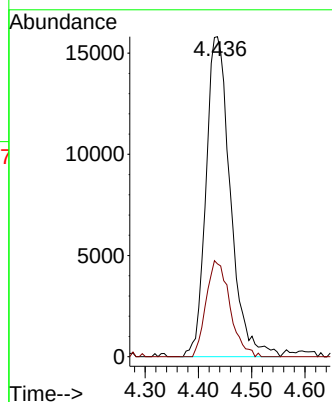
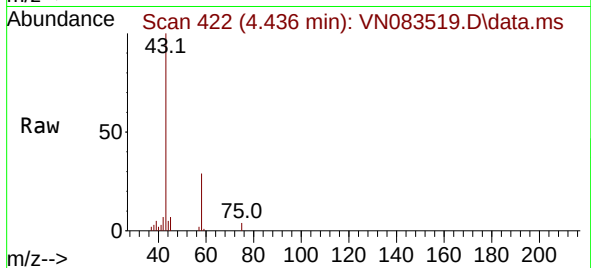




#16
Acetone
Concen: 68.450 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

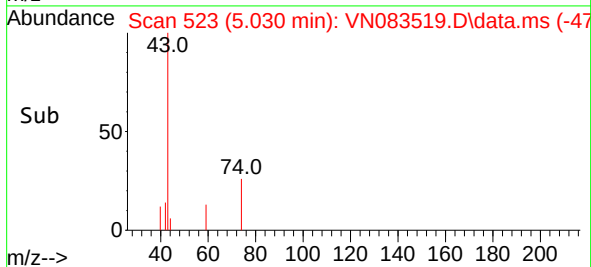
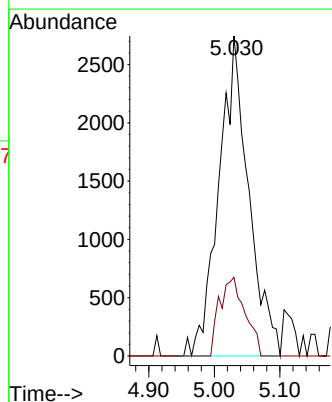
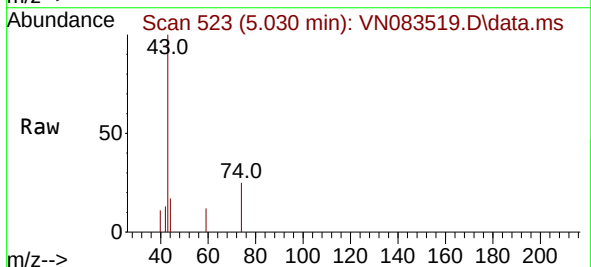
Instrument :
MSVOA_N
ClientSampleId :

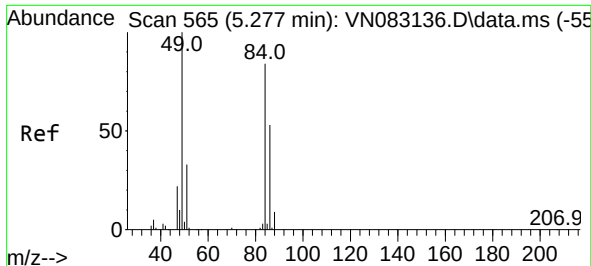
Tgt Ion: 43 Resp: 50295
Ion Ratio Lower Upper
43 100
58 29.0 21.8 32.6



#18
Methyl Acetate
Concen: 3.954 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

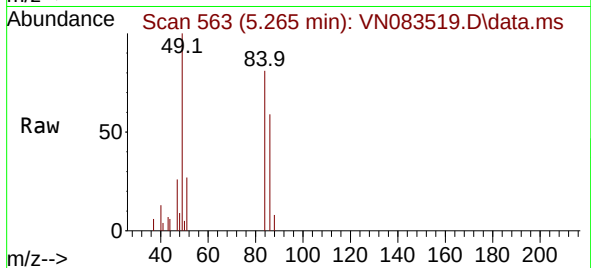
Tgt Ion: 43 Resp: 8656
Ion Ratio Lower Upper
43 100
74 21.1 16.3 24.5



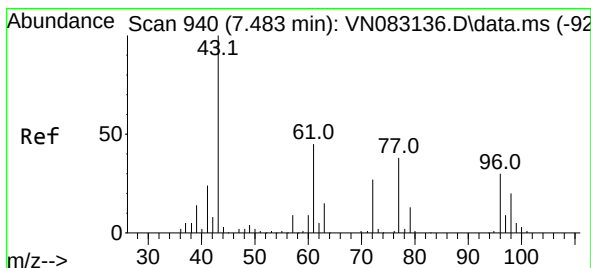
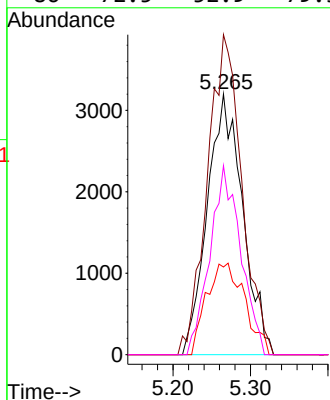
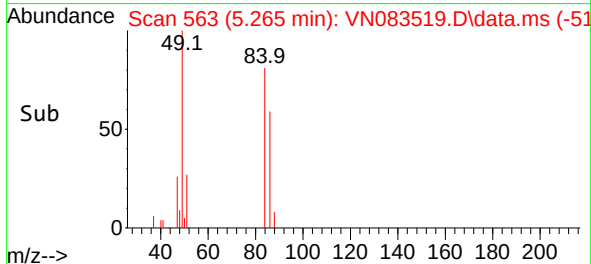


#20
Methylene Chloride
Concen: 5.984 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :

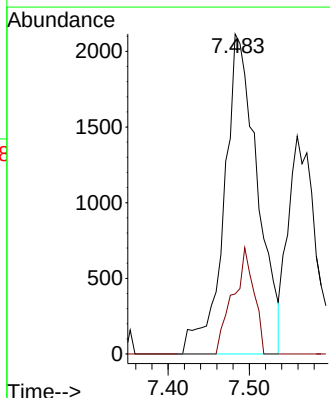
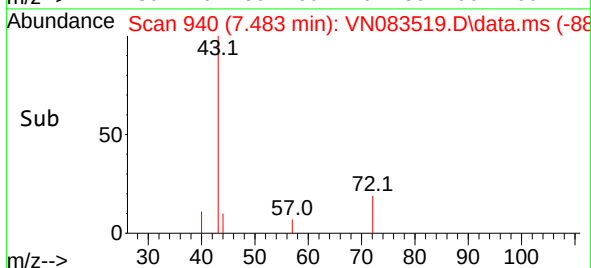
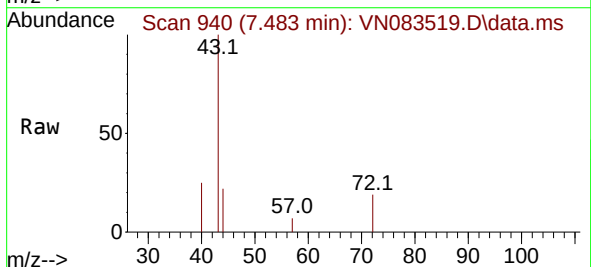


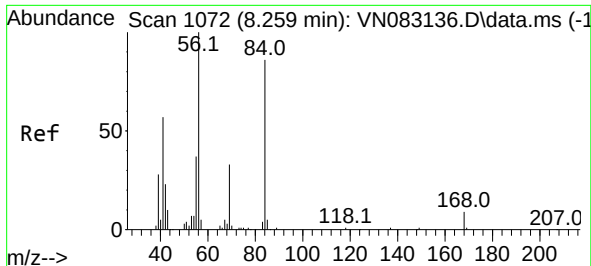
Tgt Ion:	84	Resp:	10119
Ion	Ratio	Lower	Upper
84	100		
49	122.7	119.6	179.4
51	33.6	34.8	52.2#
86	72.5	52.9	79.3



#25
2-Butanone
Concen: 5.353 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

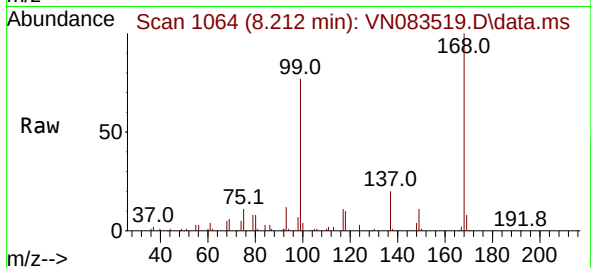
Tgt Ion:	43	Resp:	6039
Ion	Ratio	Lower	Upper
43	100		
72	18.8	18.2	27.2



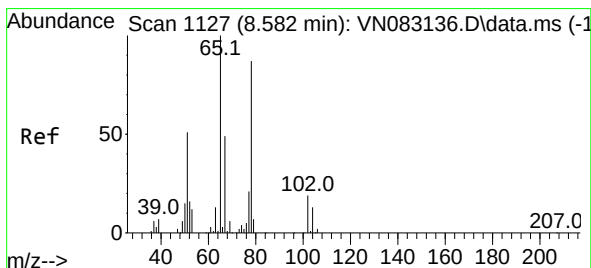
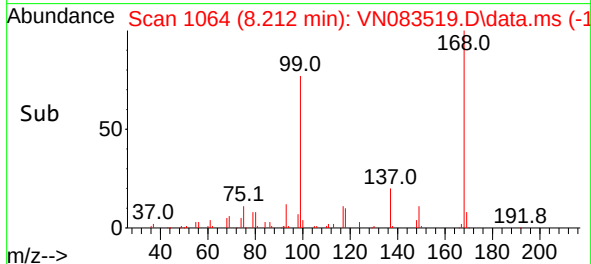
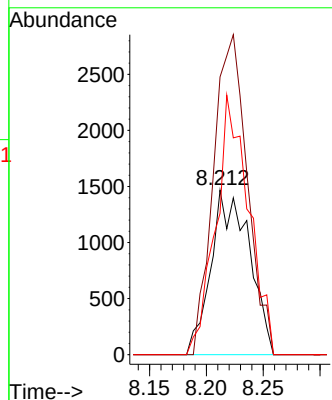


#31
Cyclohexane
Concen: 1.233 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.047 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :

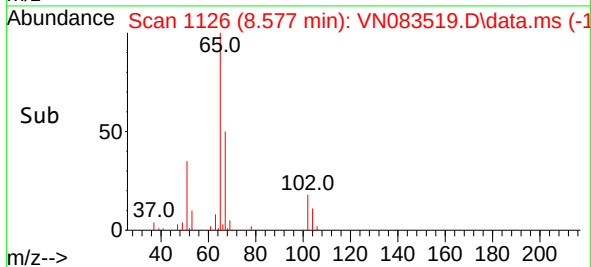
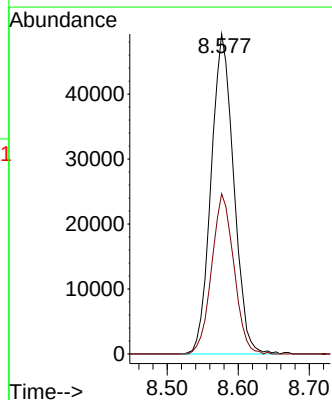
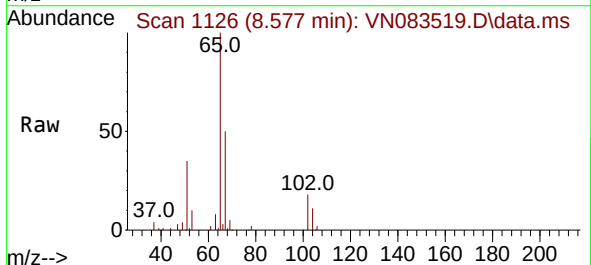


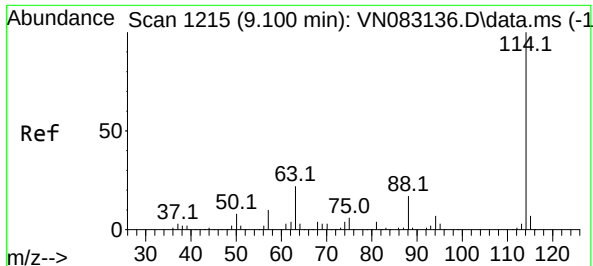
Tgt Ion: 56 Resp: 3430
Ion Ratio Lower Upper
56 100
69 168.8 24.5 36.7#
84 86.0 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 57.901 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Tgt Ion: 65 Resp: 108726
Ion Ratio Lower Upper
65 100
67 49.2 0.0 104.4

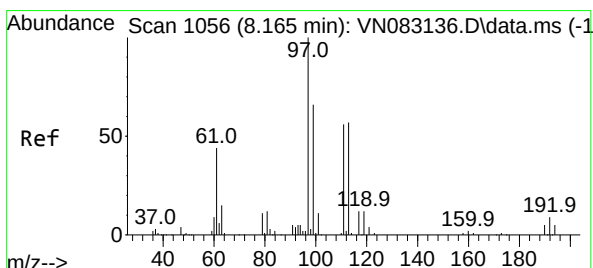
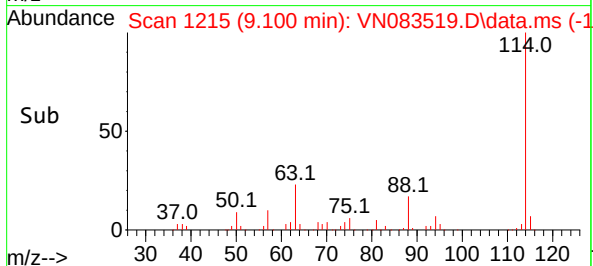
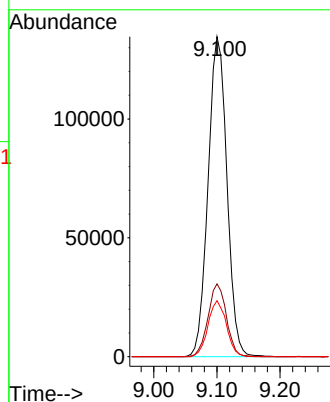
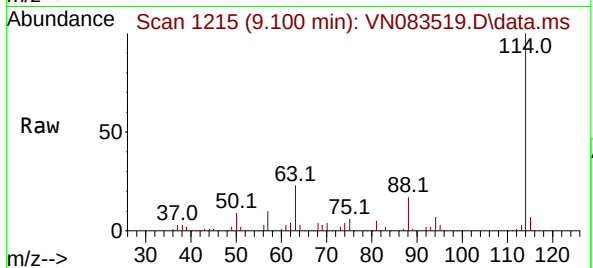




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

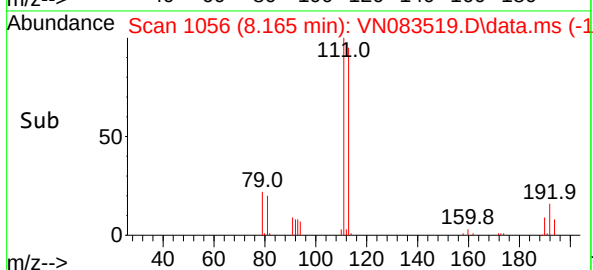
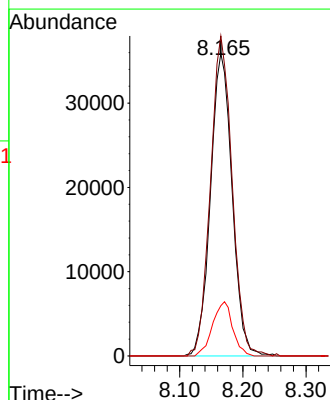
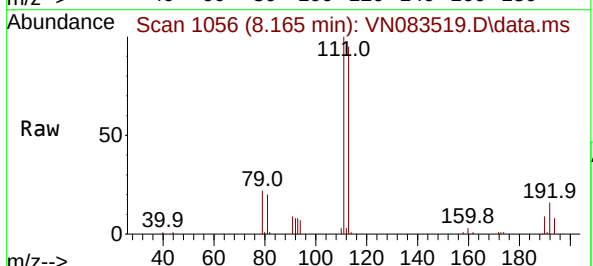
Instrument :
MSVOA_N
ClientSampleId :

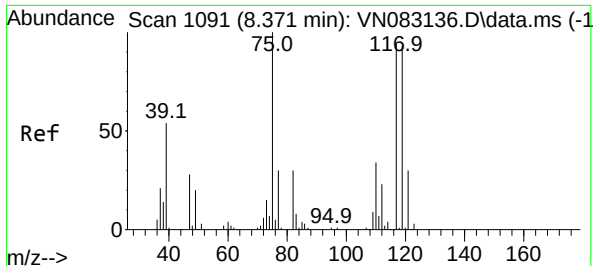
Tgt Ion:114 Resp: 278944
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.6
88 17.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.962 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Tgt Ion:113 Resp: 85249
Ion Ratio Lower Upper
113 100
111 105.8 82.4 123.6
192 16.7 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.703 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

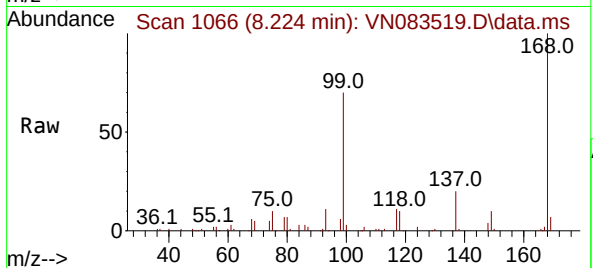
Lab File: VN083519.D

Acq: 27 Aug 2024 19:08

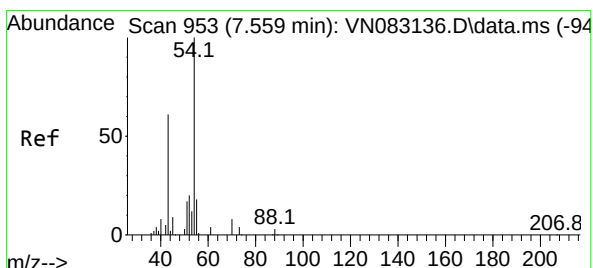
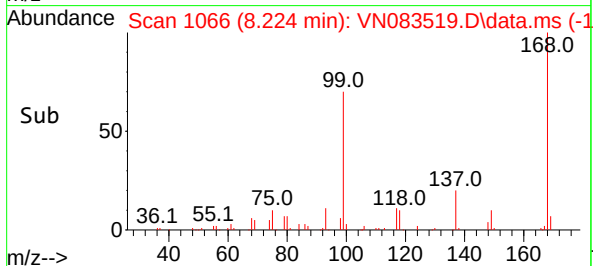
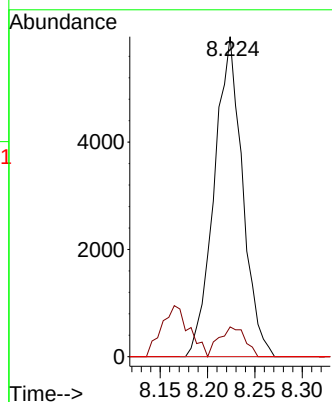
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	12386
Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.3	48.9#
77	0.0	24.6	37.0#



#37

Ethyl Acetate

Concen: 1.156 ug/l

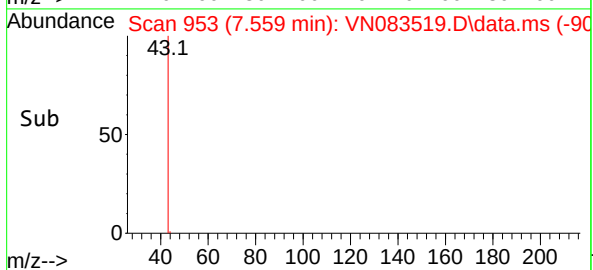
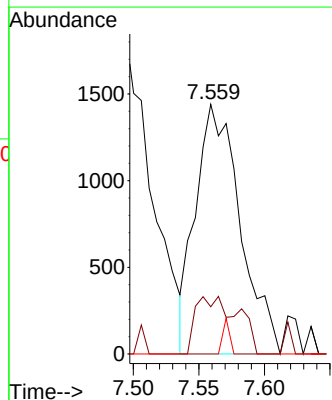
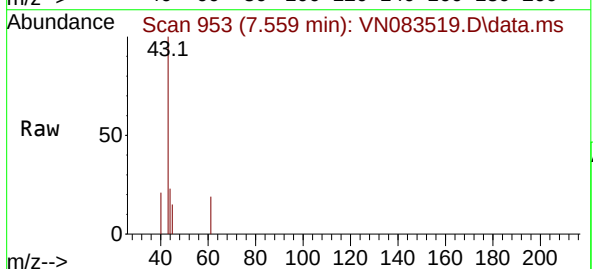
RT: 7.559 min Scan# 953

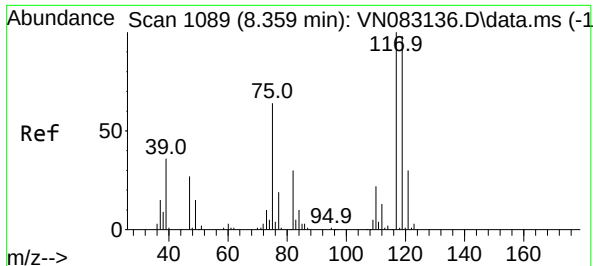
Delta R.T. 0.000 min

Lab File: VN083519.D

Acq: 27 Aug 2024 19:08

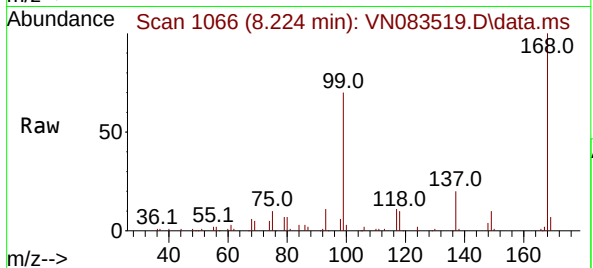
Tgt Ion:	43	Resp:	3408
Ion	Ratio	Lower	Upper
43	100		
61	21.8	9.3	13.9#
70	2.1	7.0	10.6#



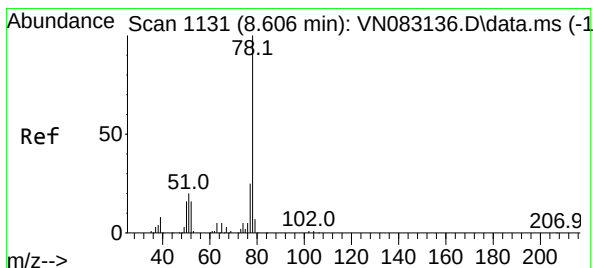
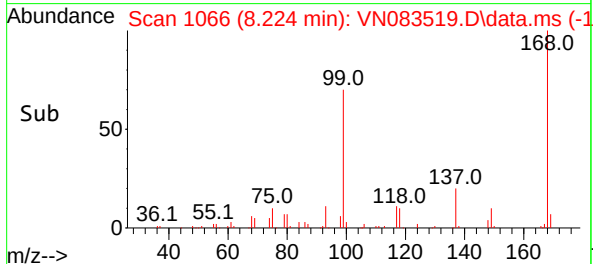
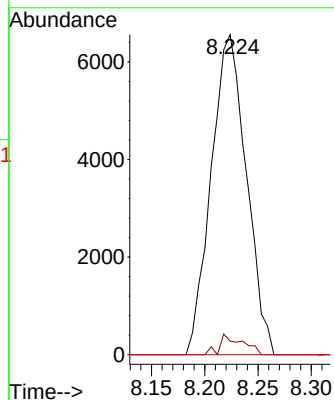


#38
Carbon Tetrachloride
Concen: 5.081 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :

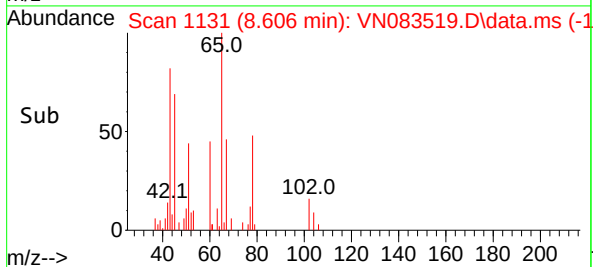
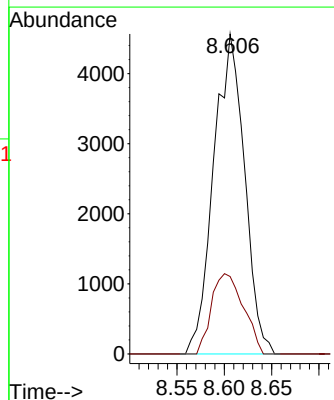
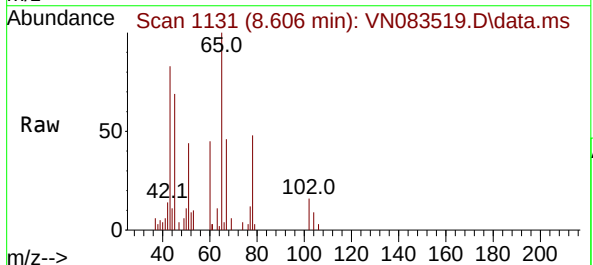


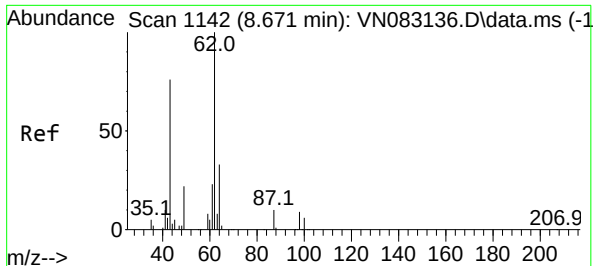
Tgt Ion:117 Resp: 15074
Ion Ratio Lower Upper
117 100
119 4.3 74.9 112.3#
121 0.0 24.3 36.5#



#40
Benzene
Concen: 1.317 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Tgt Ion: 78 Resp: 10332
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4





#42

1,2-Dichloroethane

Concen: 0.375 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN083519.D

Acq: 27 Aug 2024 19:08

Instrument :

MSVOA_N

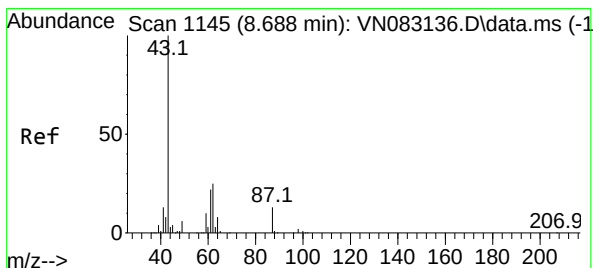
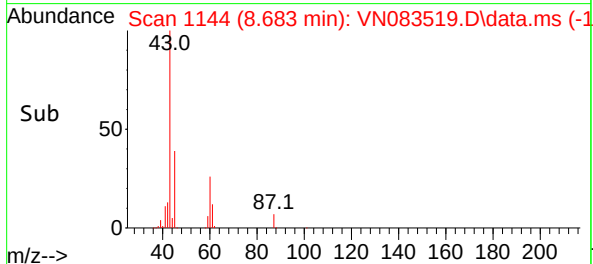
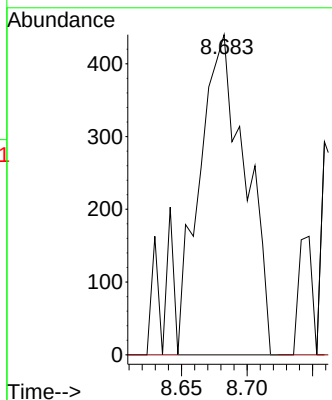
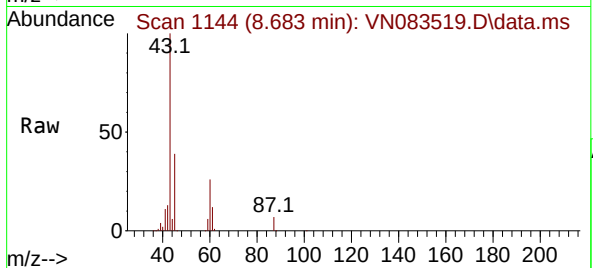
ClientSampleId :

Tgt Ion: 62 Resp: 1073

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 46.996 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083519.D

Acq: 27 Aug 2024 19:08

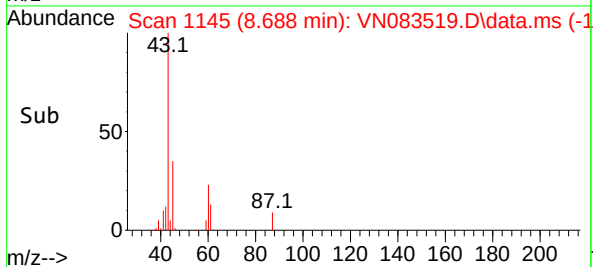
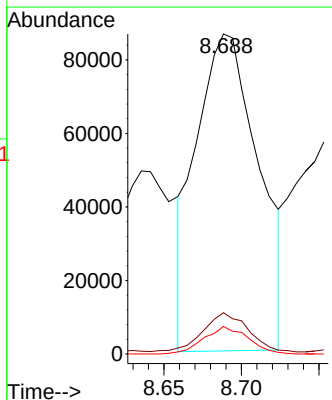
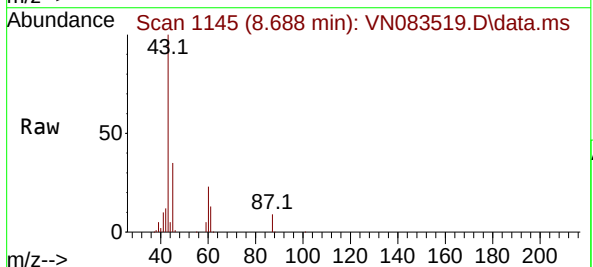
Tgt Ion: 43 Resp: 241368

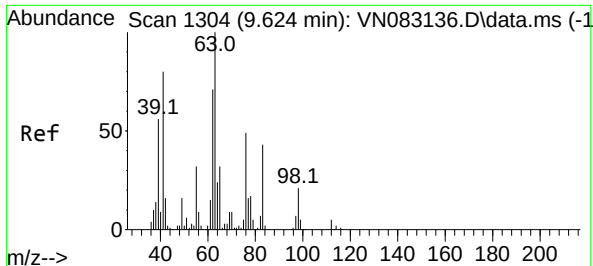
Ion Ratio Lower Upper

43 100

61 9.1 17.8 26.6#

87 6.1 8.2 12.2#





#45

1,2-Dichloropropane

Concen: 0.668 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.118 min

Lab File: VN083519.D

Acq: 27 Aug 2024 19:08

Instrument :

MSVOA_N

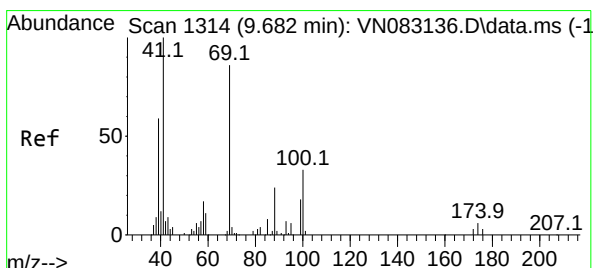
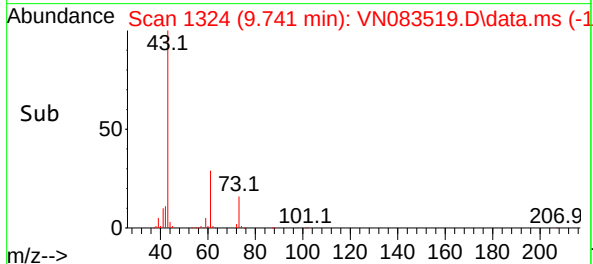
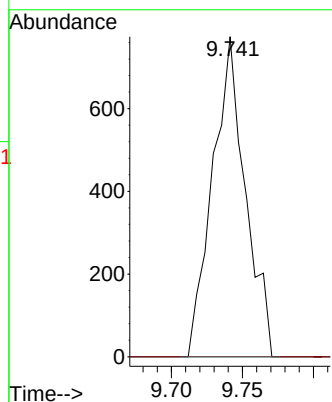
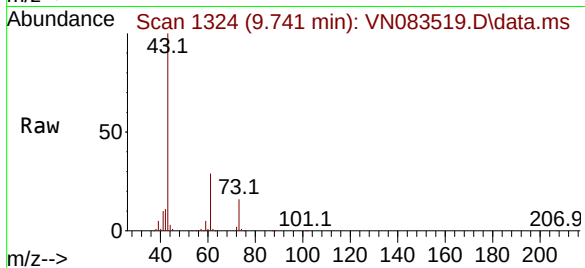
ClientSampleId :

Tgt Ion: 63 Resp: 1244

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 1.476 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.024 min

Lab File: VN083519.D

Acq: 27 Aug 2024 19:08

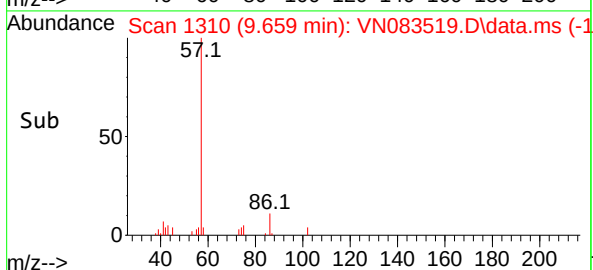
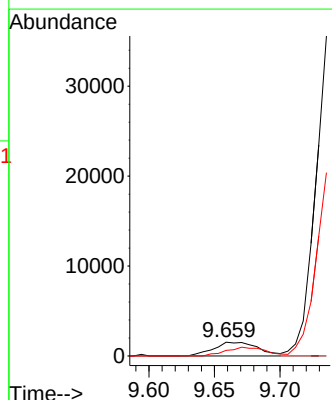
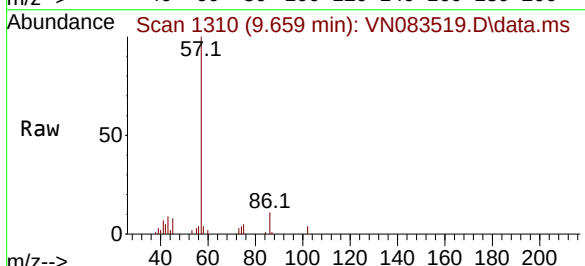
Tgt Ion: 41 Resp: 3598

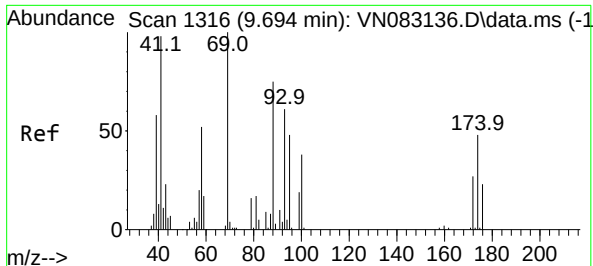
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

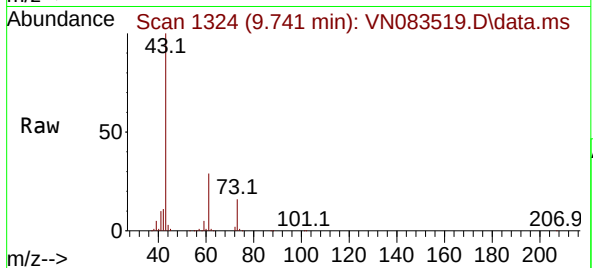
39 57.8 50.3 75.5



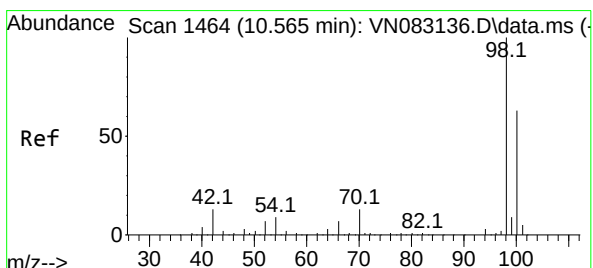
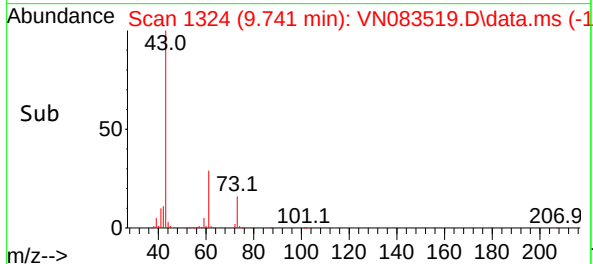
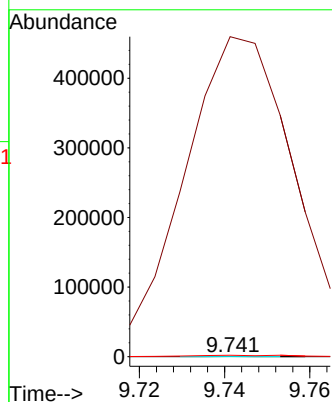


#49
1,4-Dioxane
Concen: 1.455 ug/l
RT: 9.741 min Scan# 1316
Delta R.T. 0.047 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :

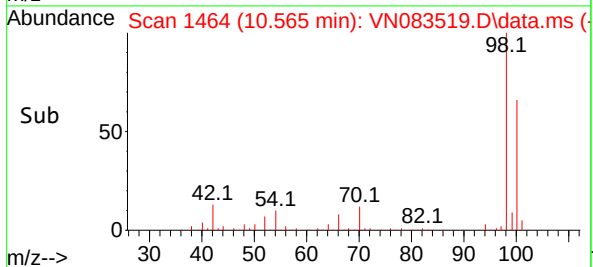
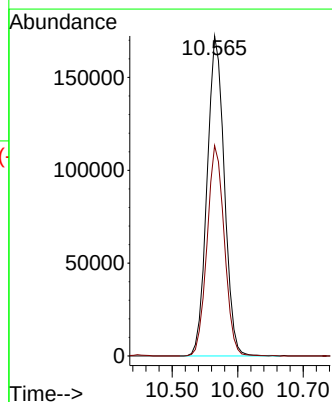
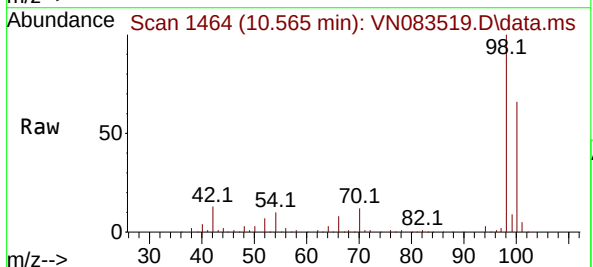


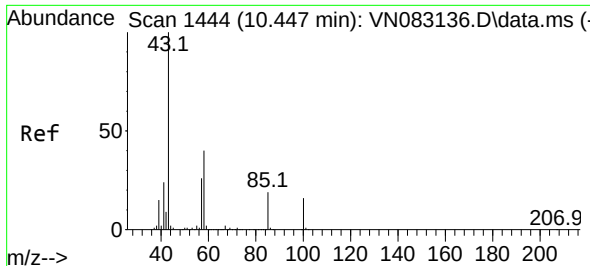
Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 1331467.2 27.8 41.8#
58 5710.9 59.4 89.0#



#50
Toluene-d8
Concen: 48.540 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Tgt Ion: 98 Resp: 315258
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3

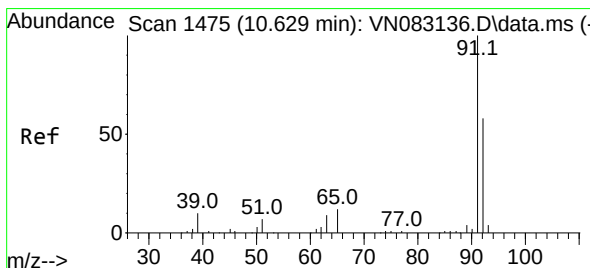
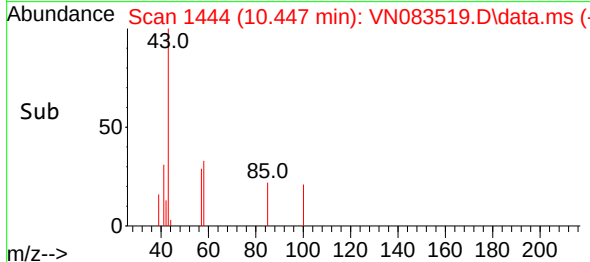
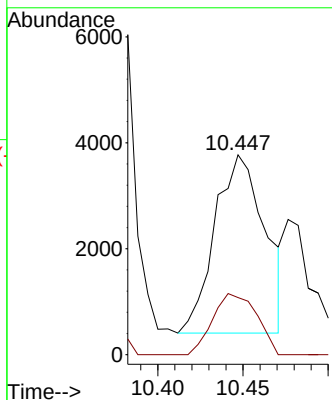
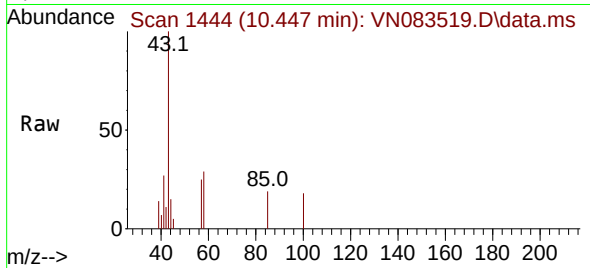




#51
4-Methyl-2-Pentanone
Concen: 2.469 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

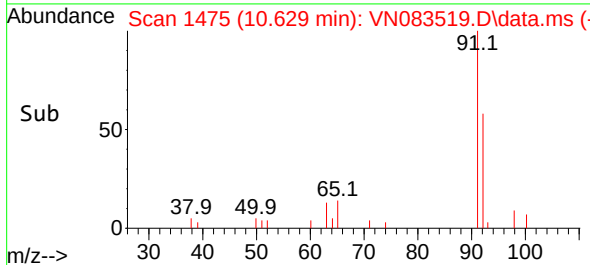
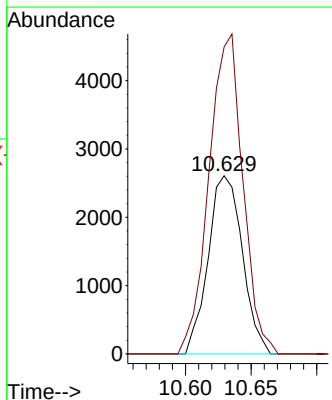
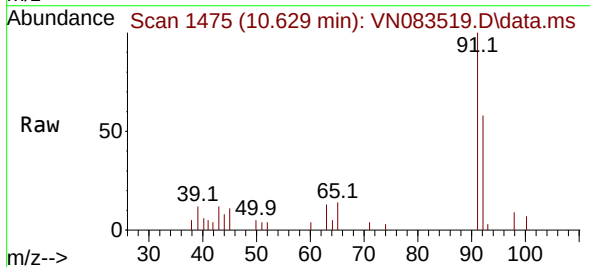
Instrument :
MSVOA_N
ClientSampleId :

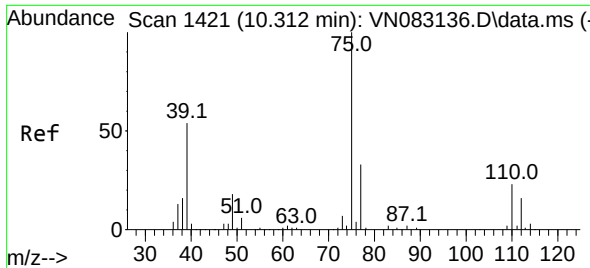
Tgt Ion: 43 Resp: 6886
Ion Ratio Lower Upper
43 100
58 30.2 28.2 42.4



#52
Toluene
Concen: 0.955 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Tgt Ion: 92 Resp: 4736
Ion Ratio Lower Upper
92 100
91 177.9 139.4 209.0

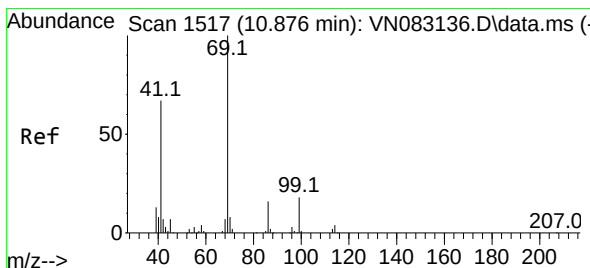
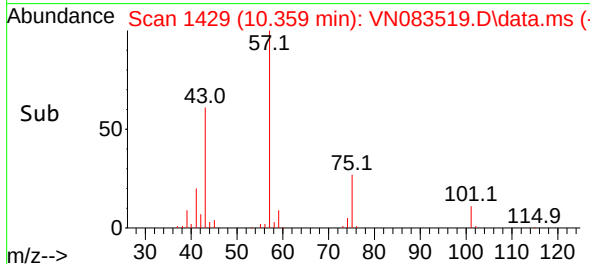
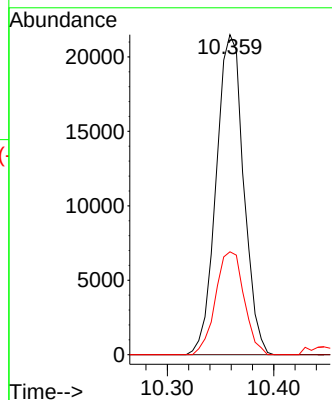
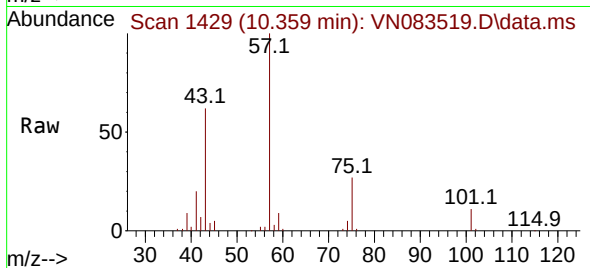




#54
 cis-1,3-Dichloropropene
 Concen: 11.741 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN083519.D
 Acq: 27 Aug 2024 19:08

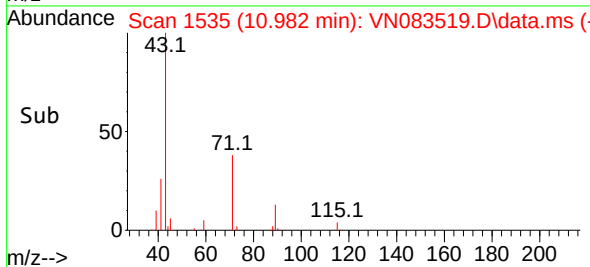
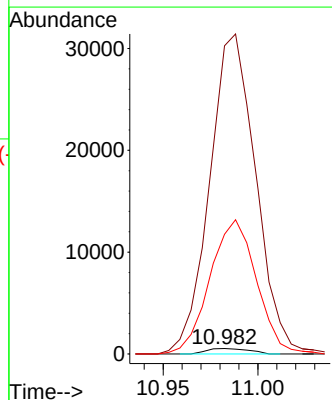
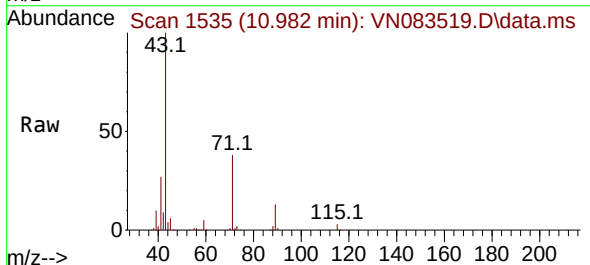
Instrument :
 MSVOA_N
 ClientSampleId :

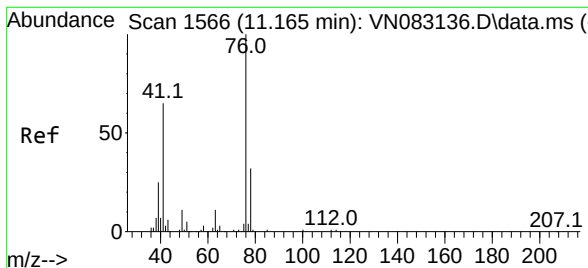
Tgt Ion: 75 Resp: 38398
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 32.2 50.5 75.7#



#56
 Ethyl methacrylate
 Concen: 0.249 ug/l
 RT: 10.982 min Scan# 1535
 Delta R.T. 0.106 min
 Lab File: VN083519.D
 Acq: 27 Aug 2024 19:08

Tgt Ion: 69 Resp: 834
 Ion Ratio Lower Upper
 69 100
 41 6412.6 63.4 95.2#
 39 2709.2 37.4 56.0#

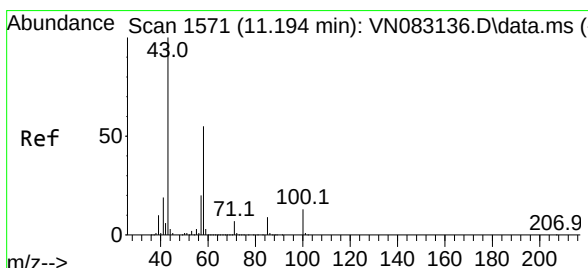
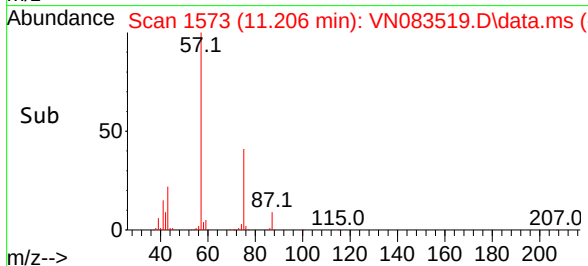
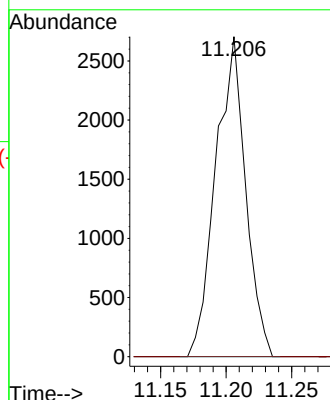
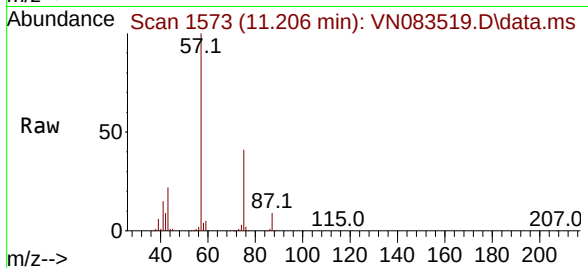




#57
1,3-Dichloropropane
Concen: 1.353 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

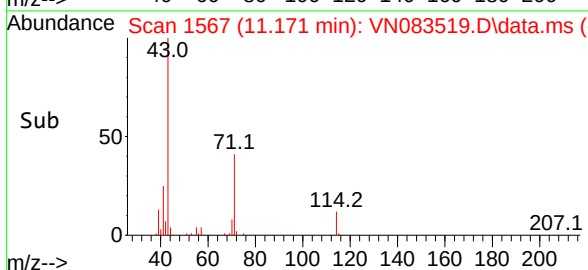
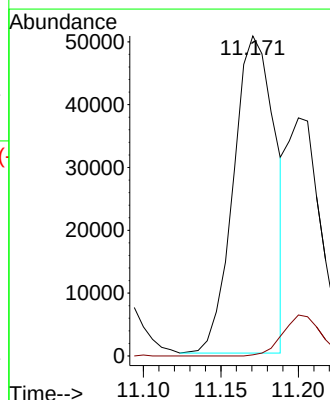
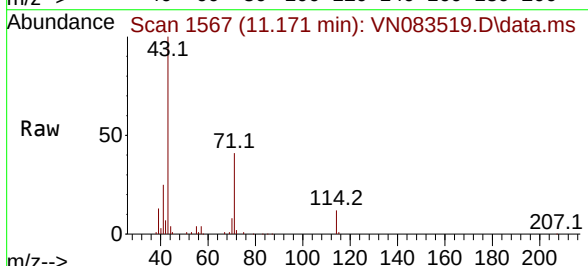
Instrument :
MSVOA_N
ClientSampleId :

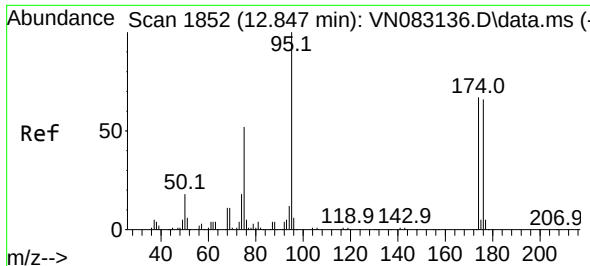
Tgt Ion: 76 Resp: 4286
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



#59
2-Hexanone
Concen: 43.627 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Tgt Ion: 43 Resp: 94122
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#

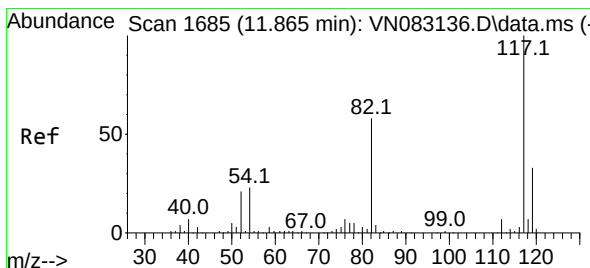
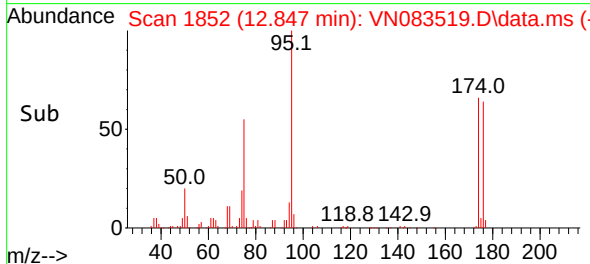
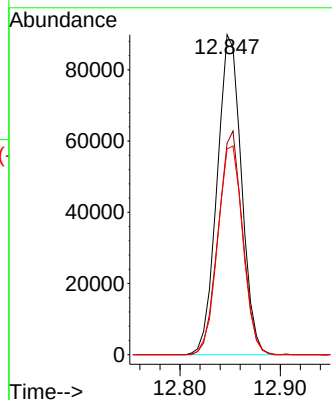
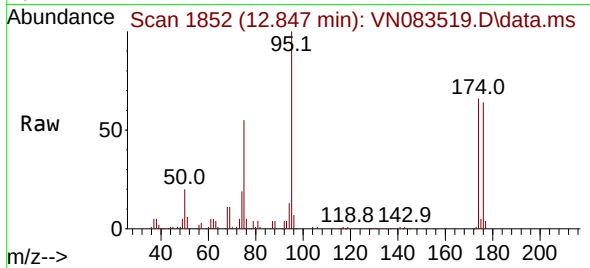




#62
4-Bromofluorobenzene
Concen: 59.822 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

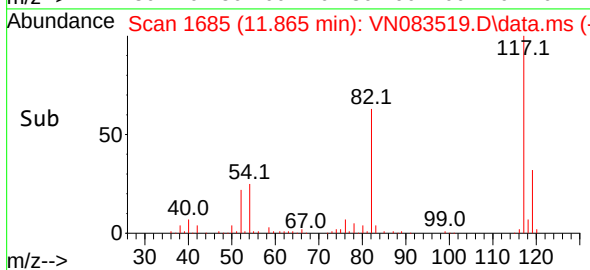
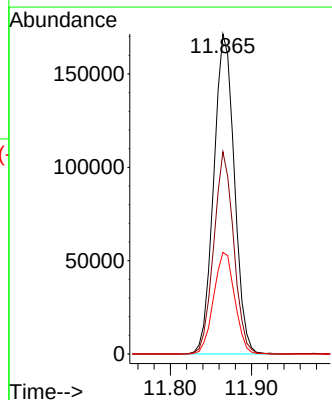
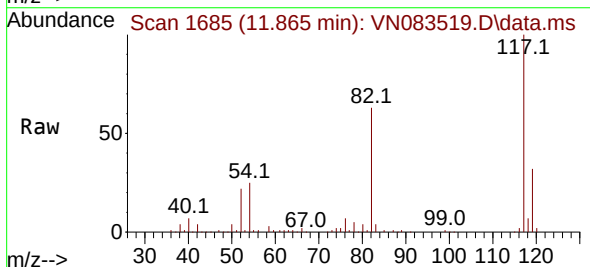
Instrument :
MSVOA_N
ClientSampleId :

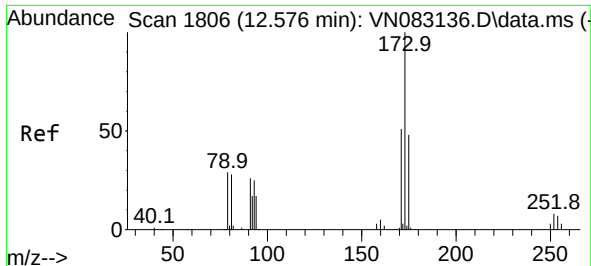
Tgt Ion: 95 Resp: 151472
Ion Ratio Lower Upper
95 100
174 69.8 0.0 159.2
176 67.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

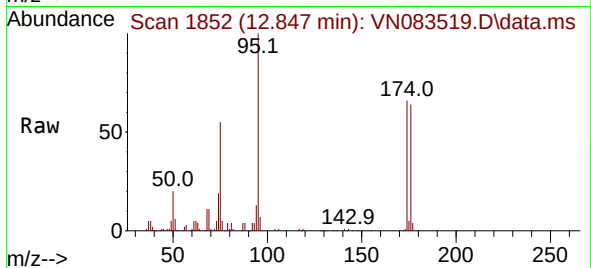
Tgt Ion: 117 Resp: 302452
Ion Ratio Lower Upper
117 100
82 63.2 47.5 71.3
119 31.7 25.6 38.4



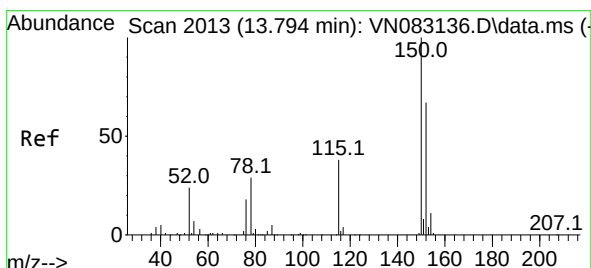
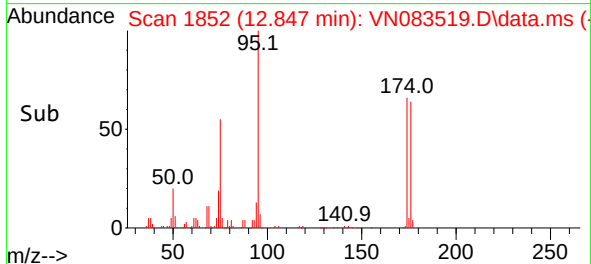
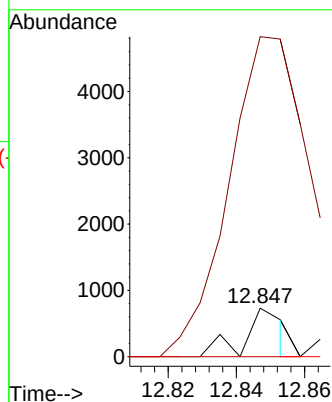


#71
Bromoform
Concen: 0.321 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :

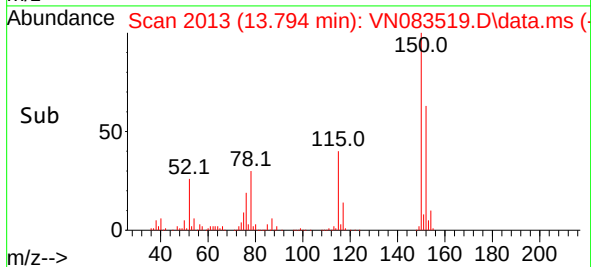
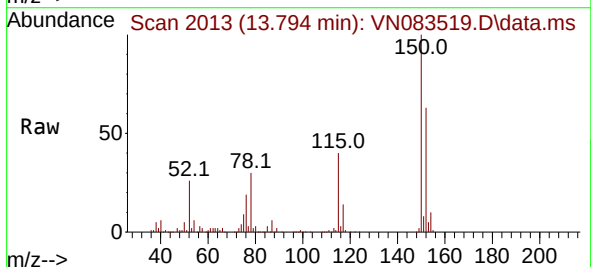
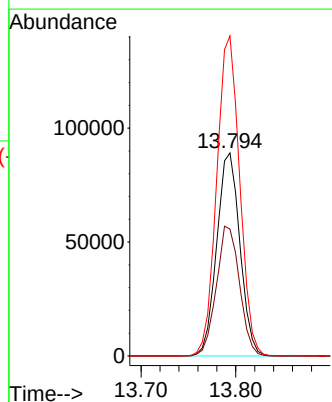


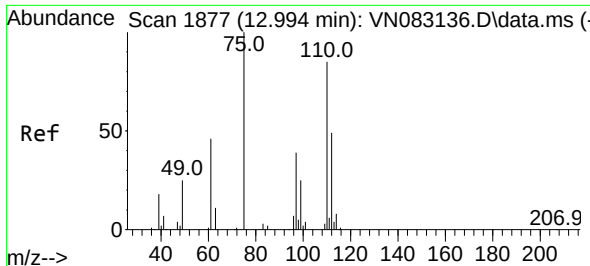
Tgt Ion:173 Resp: 573
Ion Ratio Lower Upper
173 100
175 994.4 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Tgt Ion:152 Resp: 151440
Ion Ratio Lower Upper
152 100
115 64.0 30.6 91.6
150 156.2 0.0 348.6

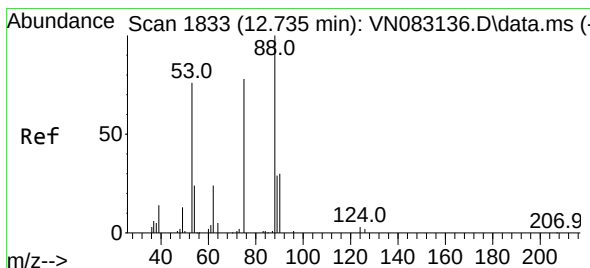
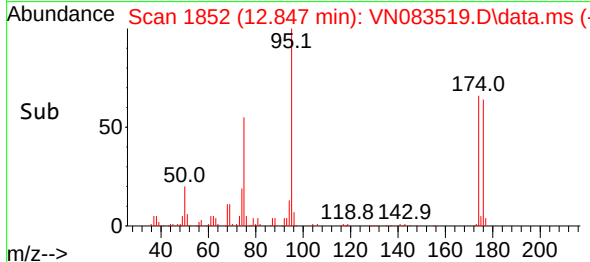
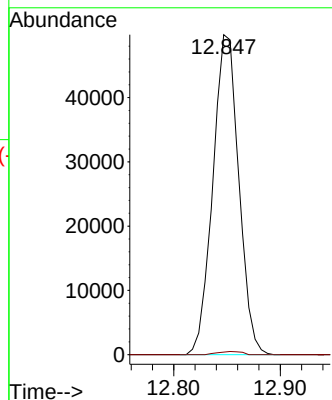
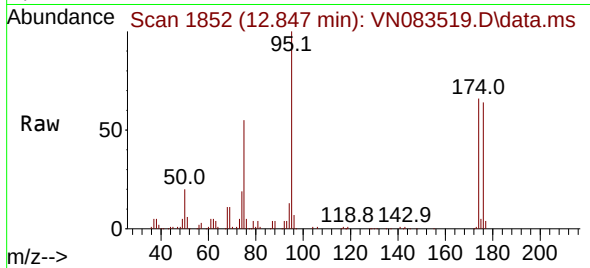




#76
1,2,3-Trichloropropane
Concen: 25.355 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 84274
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.154 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083519.D
Acq: 27 Aug 2024 19:08

Tgt Ion: 75 Resp: 84274
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

