

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082924\
 Data File : VN083554.D
 Acq On : 29 Aug 2024 14:09
 Operator : JC\MD
 Sample : P3706-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 30 02:10:43 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)

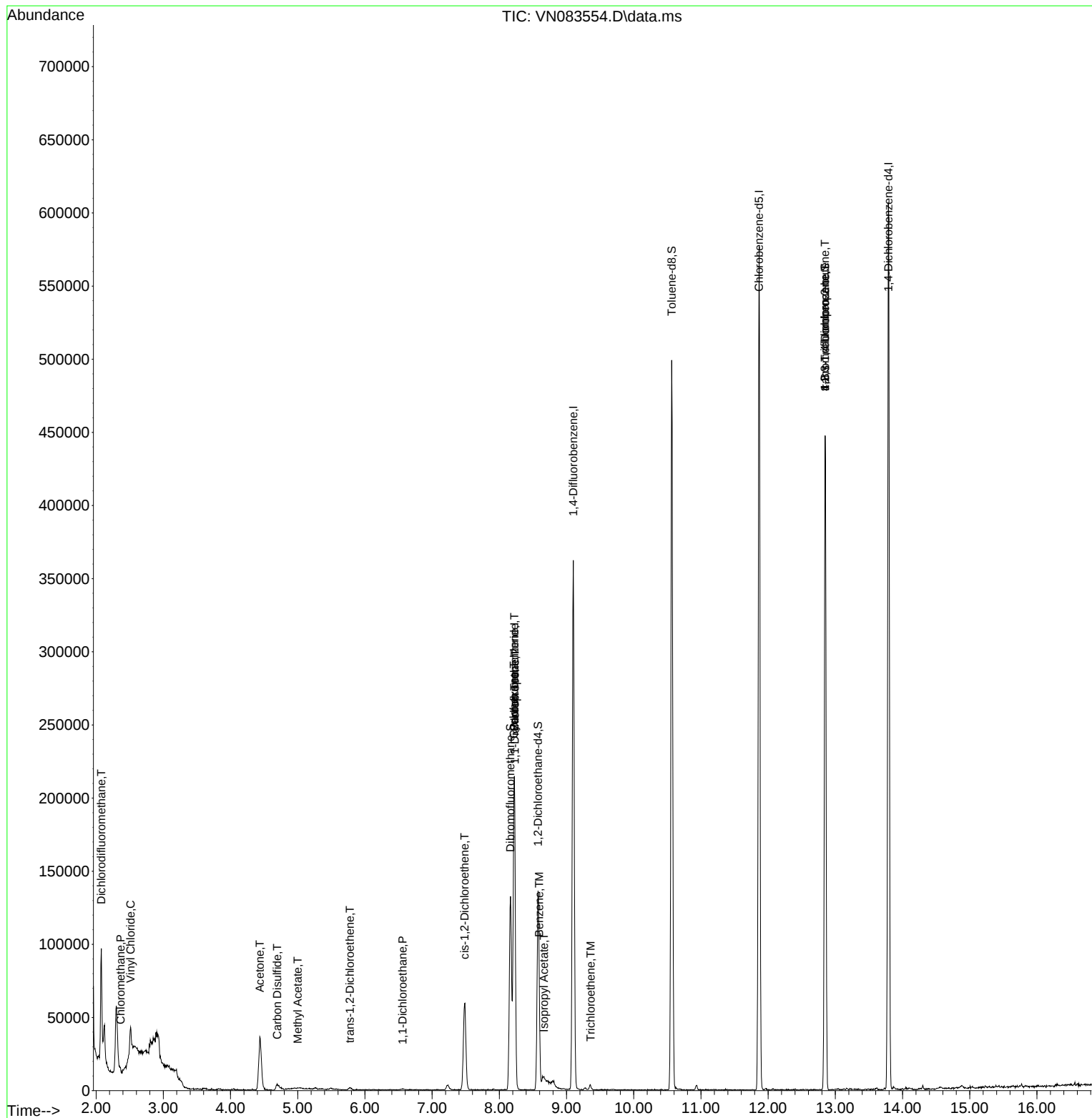
Internal Standards						
1) Pentafluorobenzene	8.224	168	149124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	158493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117005	55.123	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.240%	
35) Dibromofluoromethane	8.165	113	94695	50.311	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.620%	
50) Toluene-d8	10.565	98	333100	47.443	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.880%	
62) 4-Bromofluorobenzene	12.847	95	160698	58.708	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 117.420%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.077	85	4957	2.931	ug/l	99
3) Chloromethane	2.365	50	1680	0.970	ug/l #	84
4) Vinyl Chloride	2.512	62	13833	7.830	ug/l #	15
16) Acetone	4.436	43	2275	2.739	ug/l	90
17) Carbon Disulfide	4.695	76	9008	1.862	ug/l #	88
18) Methyl Acetate	5.001	43	530	0.214	ug/l #	56
21) trans-1,2-Dichloroethene	5.777	96	1192	0.698	ug/l #	53
24) 1,1-Dichloroethane	6.559	63	1497	0.468	ug/l #	83
27) cis-1,2-Dichloroethene	7.483	96	35723	17.327	ug/l	83
31) Cyclohexane	8.218	56	3794	1.206	ug/l #	16
36) 1,1-Dichloropropene	8.230	75	13483	4.735	ug/l #	52
38) Carbon Tetrachloride	8.224	117	17226	5.372	ug/l #	16
40) Benzene	8.594	78	3442	0.406	ug/l #	74
43) Isopropyl Acetate	8.665	43	16616	1.405	ug/l #	60
44) Trichloroethene	9.359	130	1290	0.639	ug/l	99
76) 1,2,3-Trichloropropane	12.847	75	87550	25.169	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	87550	54.748	ug/l #	6

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

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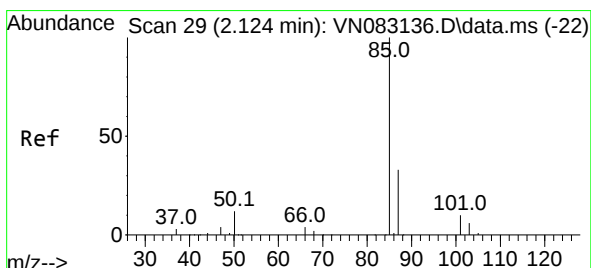
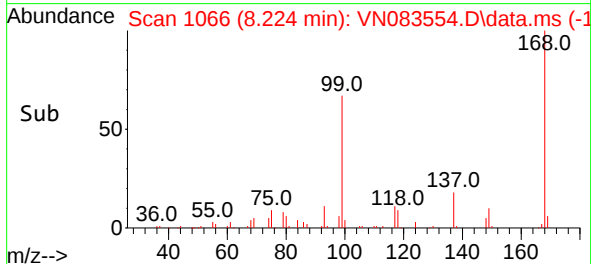
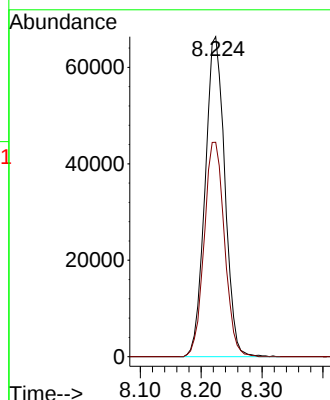
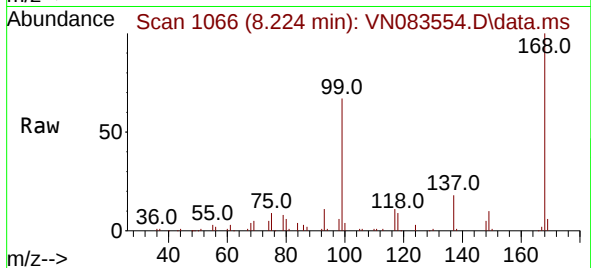




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09

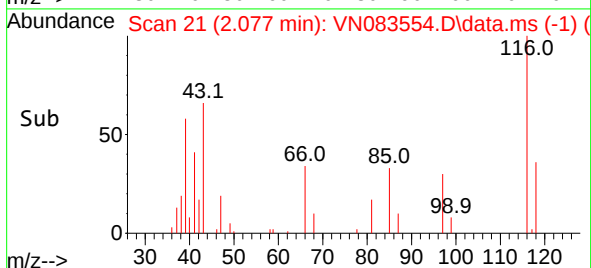
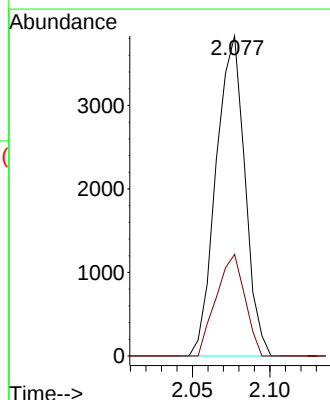
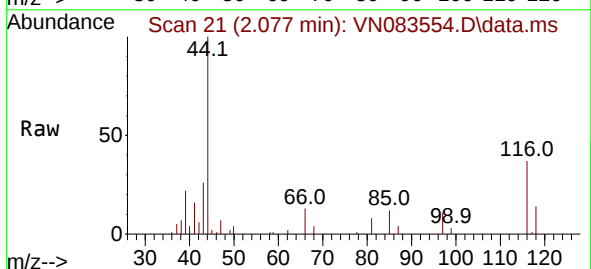
Instrument :
MSVOA_N
ClientSampleId :

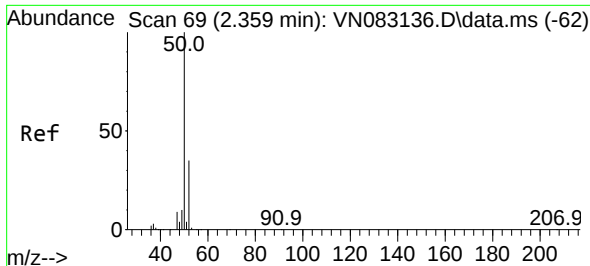
Tgt Ion:168 Resp: 149124
Ion Ratio Lower Upper
168 100
99 67.0 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 2.931 ug/l
RT: 2.077 min Scan# 21
Delta R.T. -0.047 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09

Tgt Ion: 85 Resp: 4957
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0

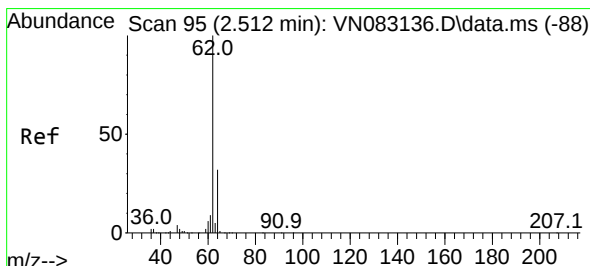
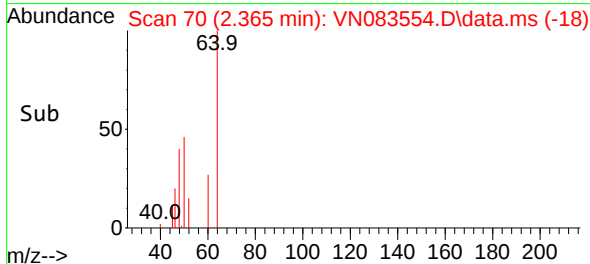
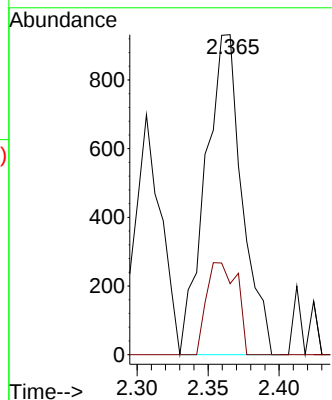
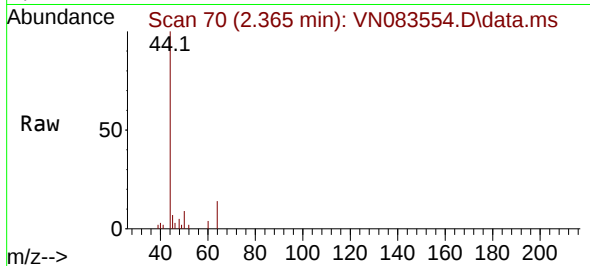




#3
Chloromethane
Concen: 0.970 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09

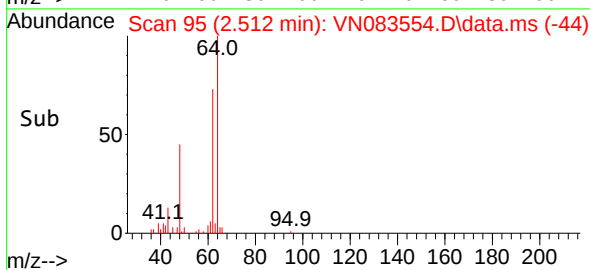
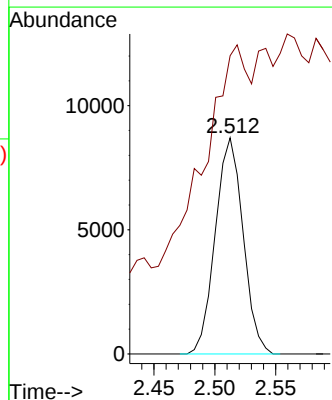
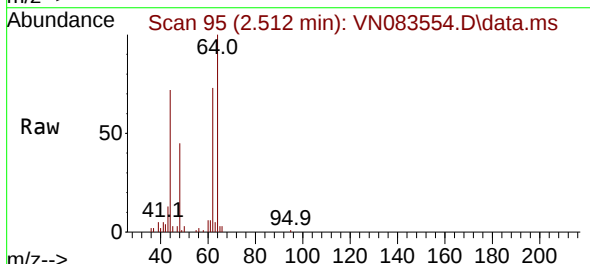
Instrument :
MSVOA_N
ClientSampleId :

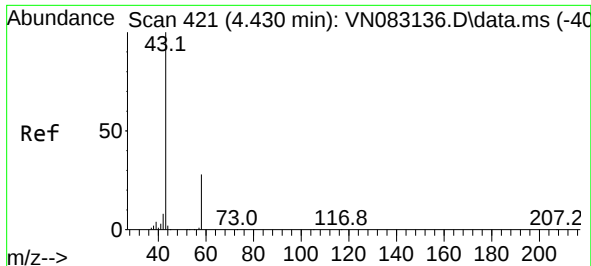
Tgt Ion: 50 Resp: 1680
Ion Ratio Lower Upper
50 100
52 22.2 25.0 37.4#



#4
Vinyl Chloride
Concen: 7.830 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09

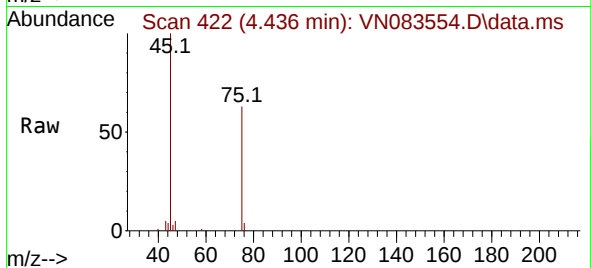
Tgt Ion: 62 Resp: 13833
Ion Ratio Lower Upper
62 100
64 78.4 25.0 37.6#



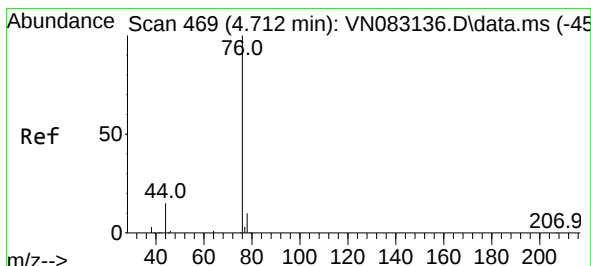
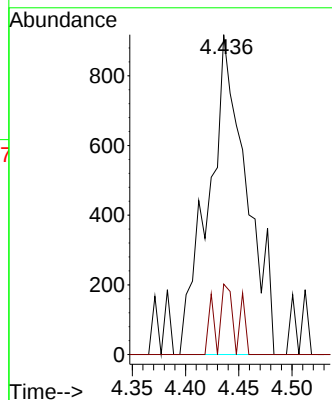
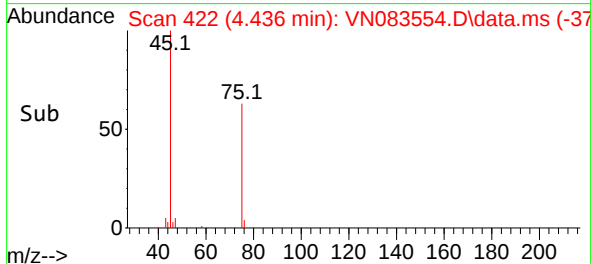


#16
Acetone
Concen: 2.739 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09

Instrument :
MSVOA_N
ClientSampleId :

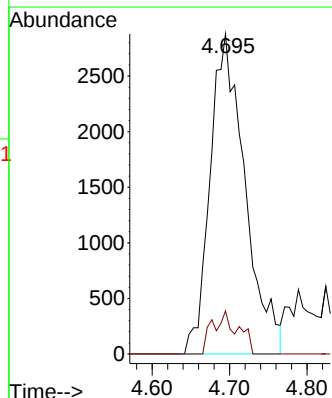
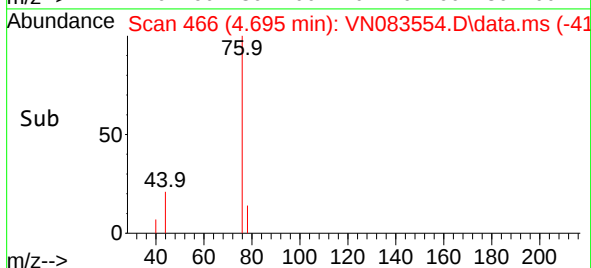
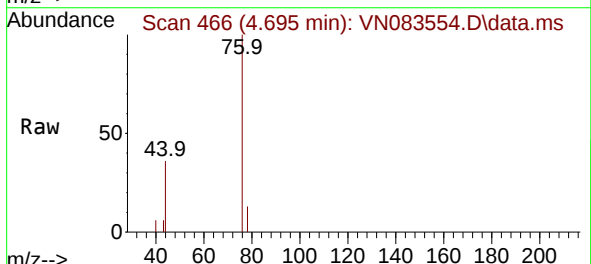


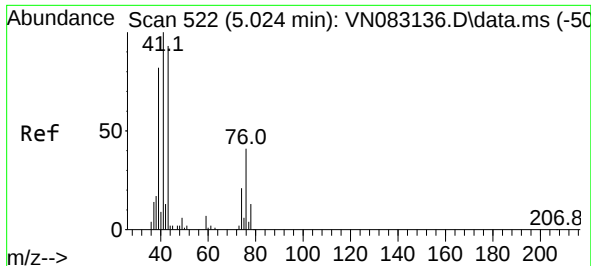
Tgt Ion: 43 Resp: 2275
Ion Ratio Lower Upper
43 100
58 22.0 21.8 32.6



#17
Carbon Disulfide
Concen: 1.862 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.017 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09

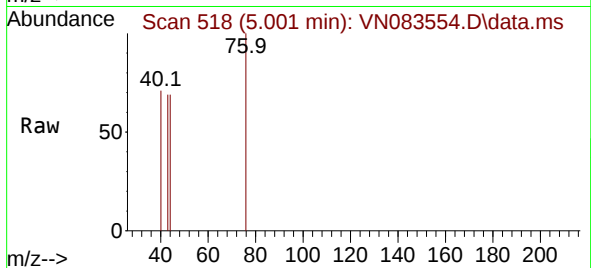
Tgt Ion: 76 Resp: 9008
Ion Ratio Lower Upper
76 100
78 13.4 7.2 10.8#



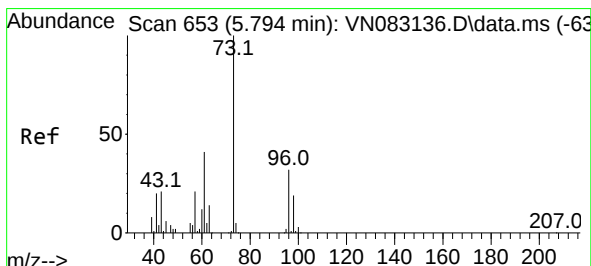
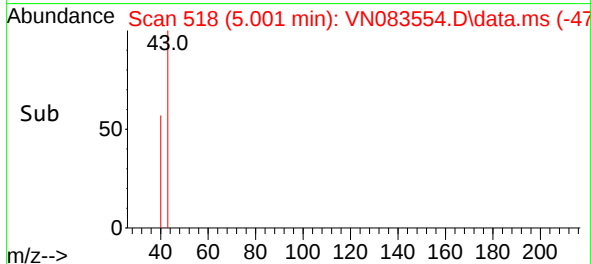


#18
Methyl Acetate
Concen: 0.214 ug/l
RT: 5.001 min Scan# 51
Delta R.T. -0.023 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09

Instrument :
MSVOA_N
ClientSampleId :

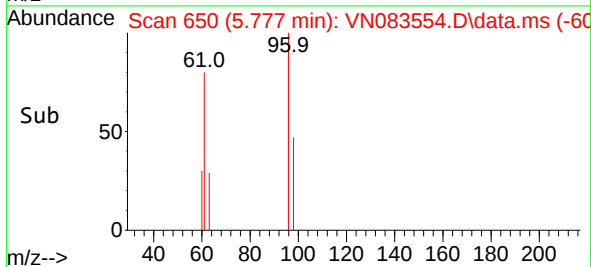
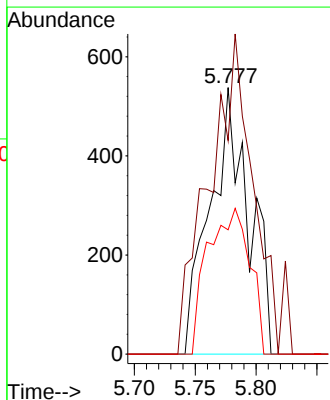
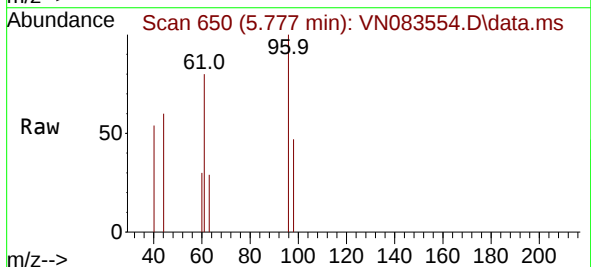


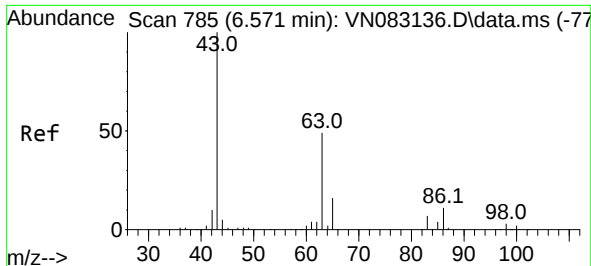
Tgt Ion: 43 Resp: 530
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#21
trans-1,2-Dichloroethene
Concen: 0.698 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.017 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09

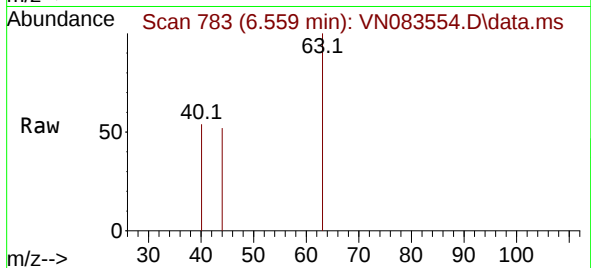
Tgt Ion: 96 Resp: 1192
Ion Ratio Lower Upper
96 100
61 80.1 123.4 185.2#
98 46.7 49.3 73.9#



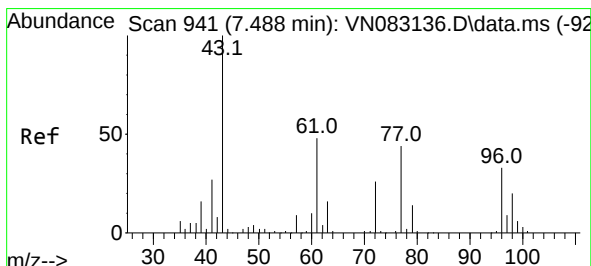
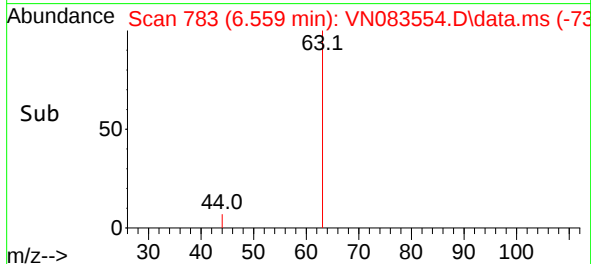
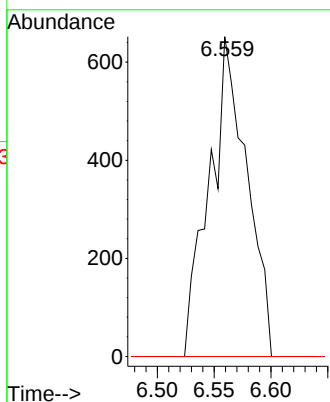


#24
 1,1-Dichloroethane
 Concen: 0.468 ug/l
 RT: 6.559 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: VN083554.D
 Acq: 29 Aug 2024 14:09

Instrument :
 MSVOA_N
 ClientSampleId :

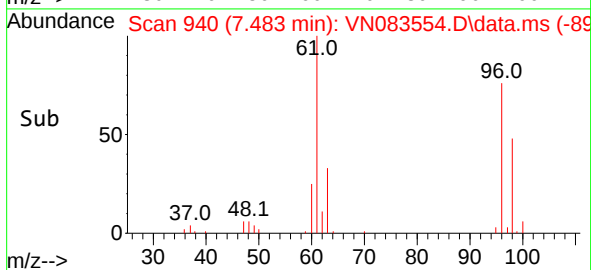
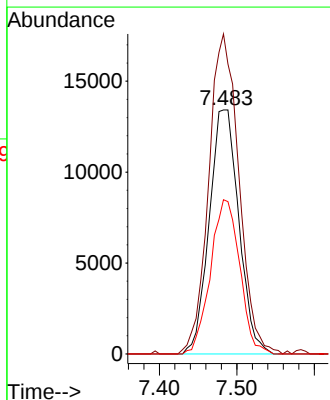
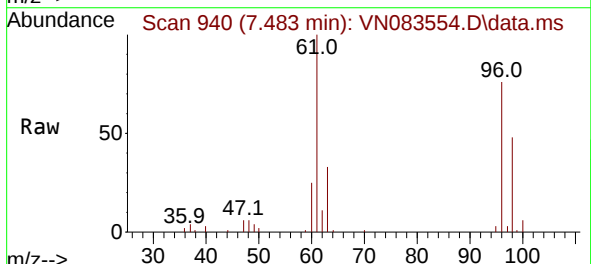


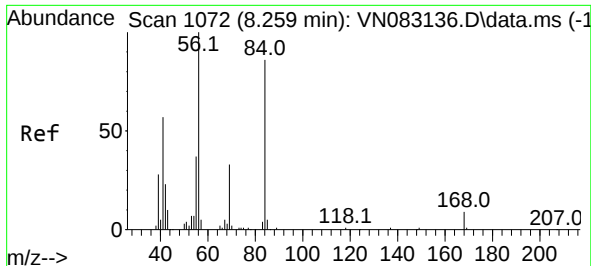
Tgt Ion: 63 Resp: 1497
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.0 6.0#



#27
 cis-1,2-Dichloroethene
 Concen: 17.327 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN083554.D
 Acq: 29 Aug 2024 14:09

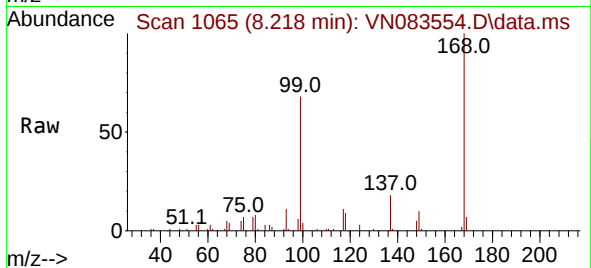
Tgt Ion: 96 Resp: 35723
 Ion Ratio Lower Upper
 96 100
 61 133.7 0.0 329.6
 98 62.4 0.0 128.6



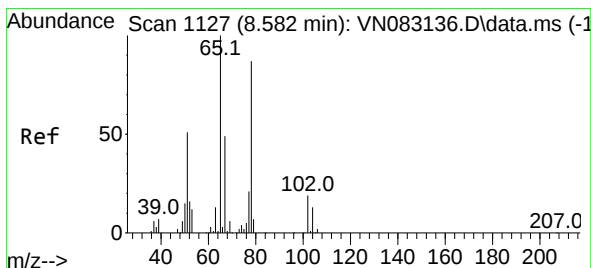
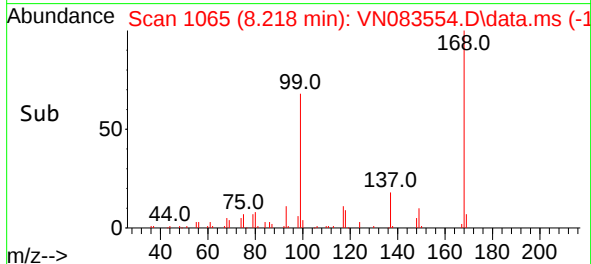
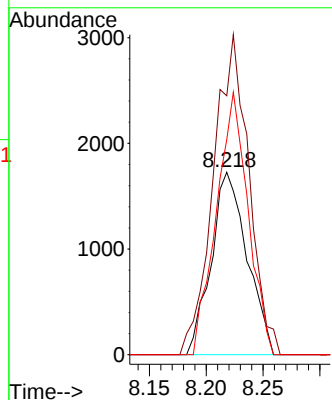


#31
Cyclohexane
Concen: 1.206 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09

Instrument :
MSVOA_N
ClientSampleId :

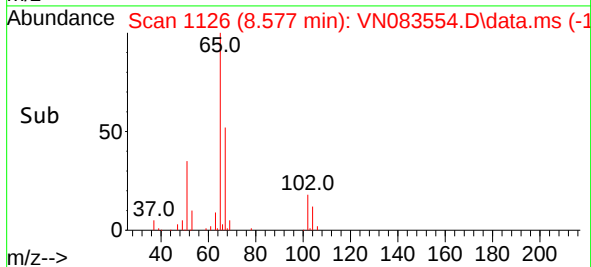
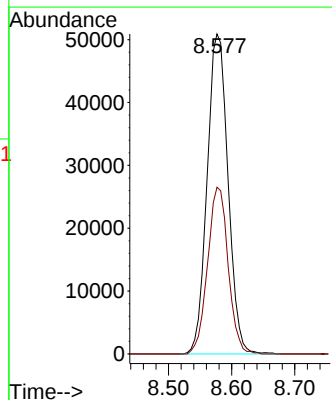
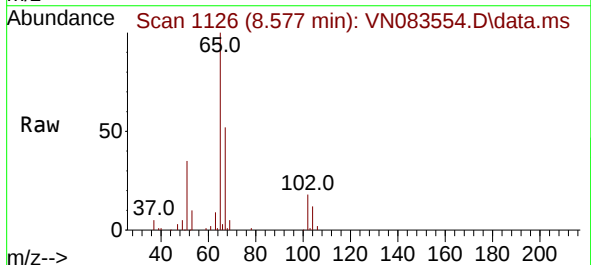


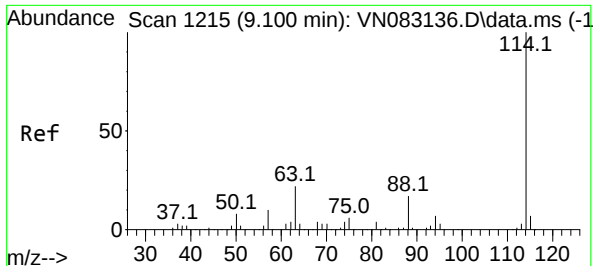
Tgt Ion: 56 Resp: 3794
Ion Ratio Lower Upper
56 100
69 141.9 24.5 36.7#
84 117.9 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 55.123 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09

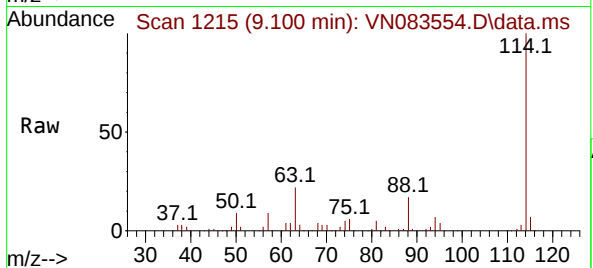
Tgt Ion: 65 Resp: 117005
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.4



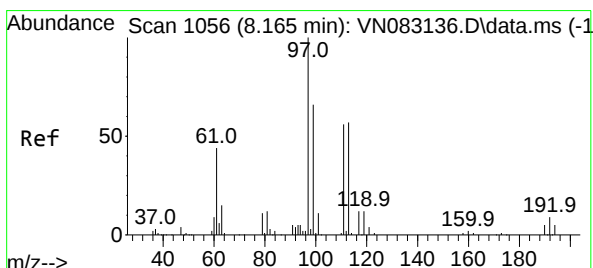
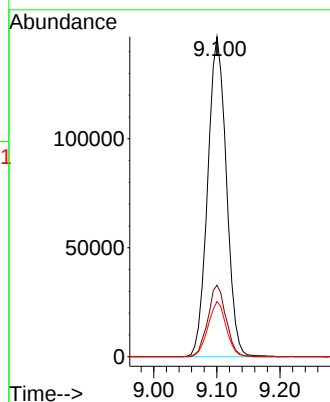
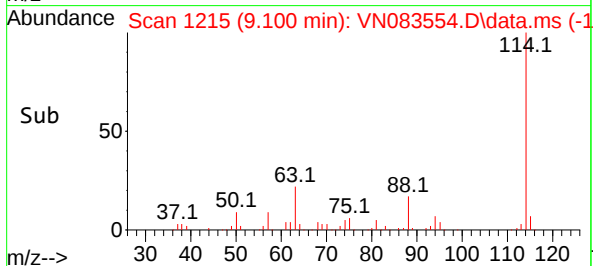


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09

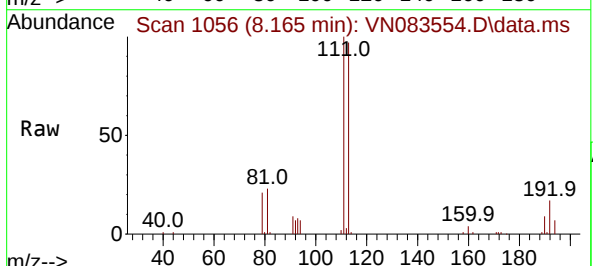
Instrument :
MSVOA_N
ClientSampleId :



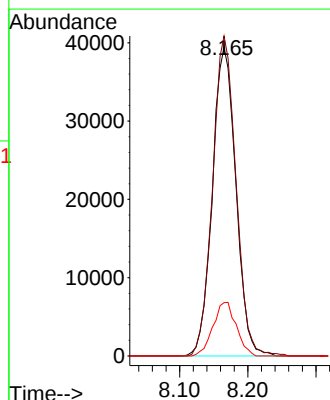
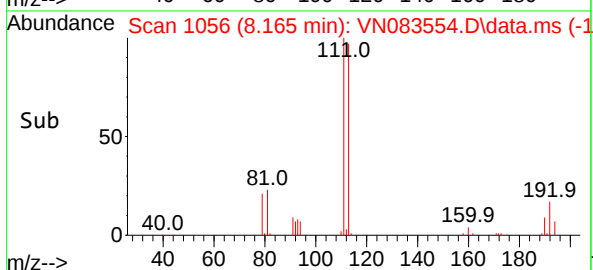
Tgt Ion:114 Resp: 301550
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.6
88 17.3 0.0 31.4

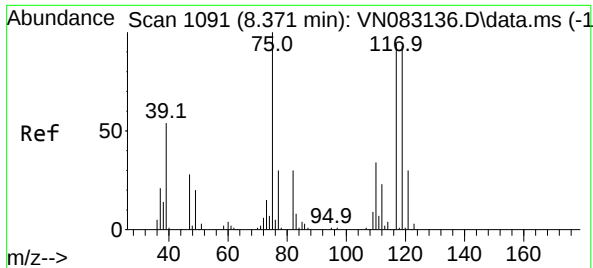


#35
Dibromofluoromethane
Concen: 50.311 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09



Tgt Ion:113 Resp: 94695
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 17.2 14.9 22.3

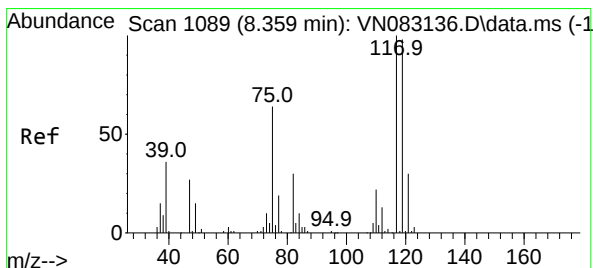
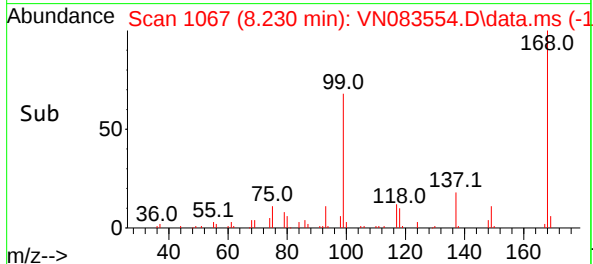
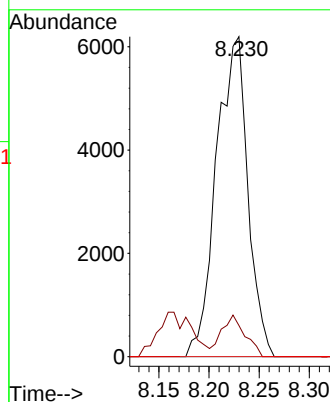
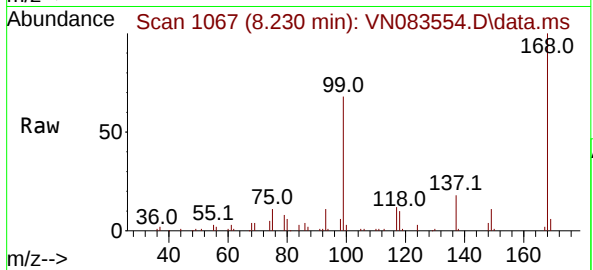




#36
 1,1-Dichloropropene
 Concen: 4.735 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.141 min
 Lab File: VN083554.D
 Acq: 29 Aug 2024 14:09

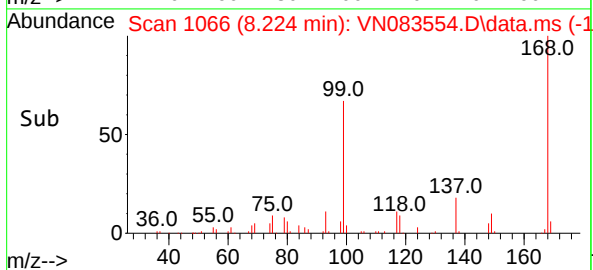
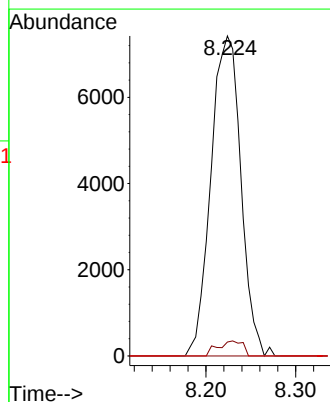
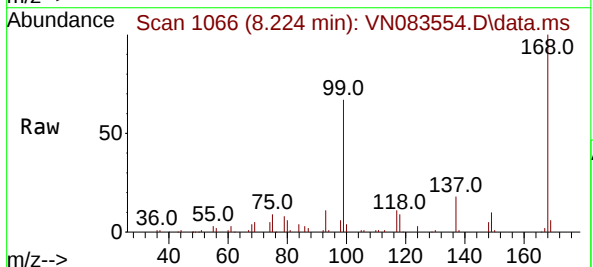
Instrument :
 MSVOA_N
 ClientSampleId :

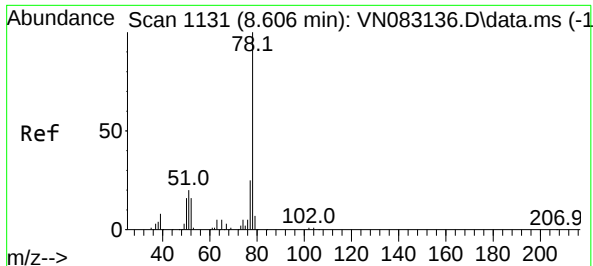
Tgt Ion: 75 Resp: 13483
 Ion Ratio Lower Upper
 75 100
 110 9.7 16.3 48.9#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.372 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.135 min
 Lab File: VN083554.D
 Acq: 29 Aug 2024 14:09

Tgt Ion: 117 Resp: 17226
 Ion Ratio Lower Upper
 117 100
 119 4.3 74.9 112.3#
 121 0.0 24.3 36.5#





#40

Benzene

Concen: 0.406 ug/l

RT: 8.594 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VN083554.D

Acq: 29 Aug 2024 14:09

Instrument :

MSVOA_N

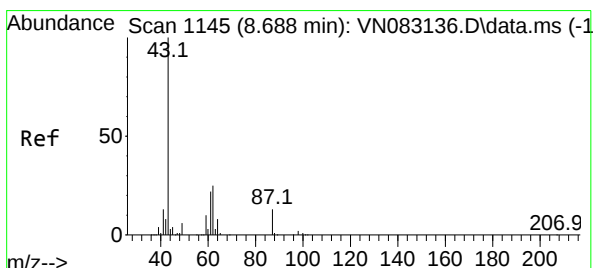
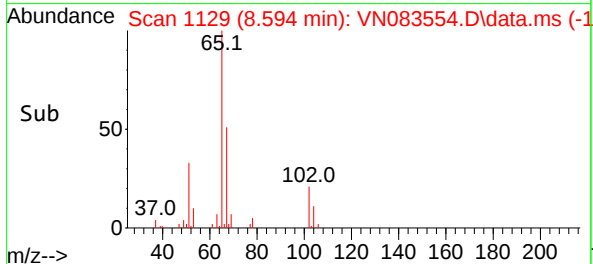
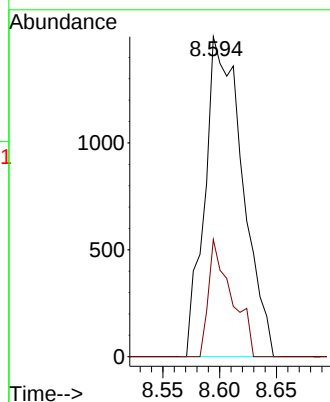
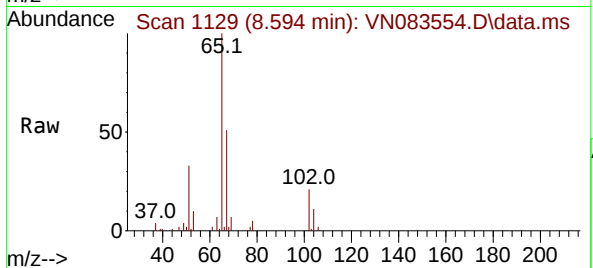
ClientSampleId :

Tgt Ion: 78 Resp: 3442

Ion Ratio Lower Upper

78 100

77 36.6 19.0 28.4#



#43

Isopropyl Acetate

Concen: 1.405 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.023 min

Lab File: VN083554.D

Acq: 29 Aug 2024 14:09

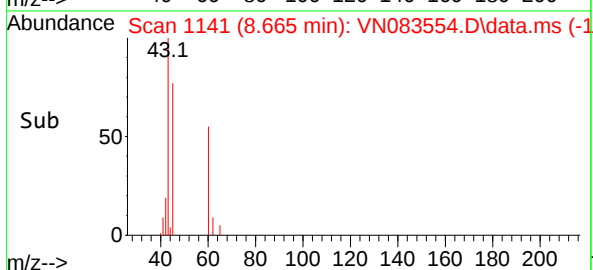
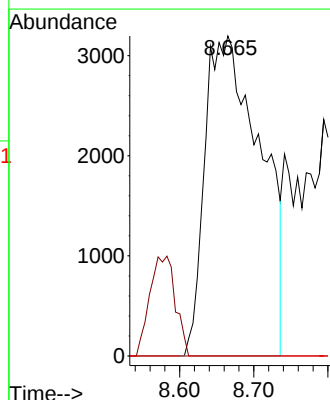
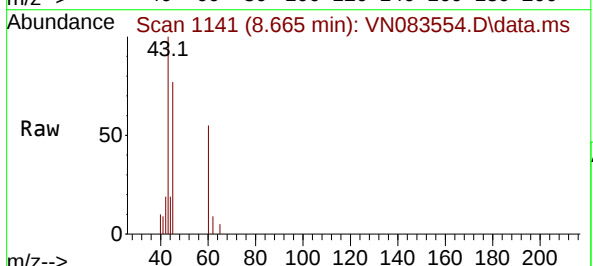
Tgt Ion: 43 Resp: 16616

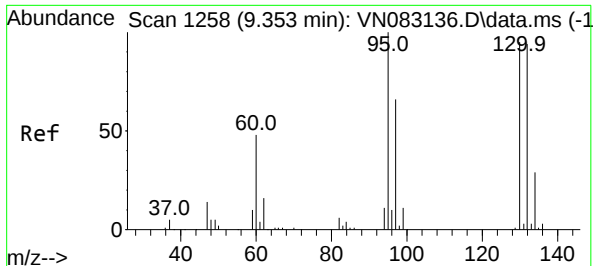
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

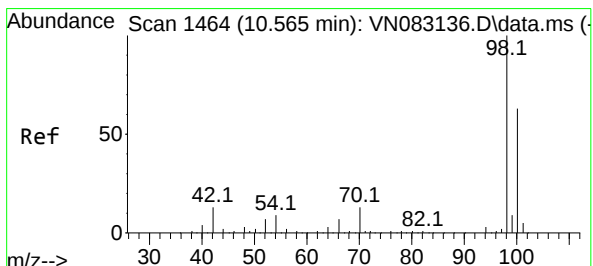
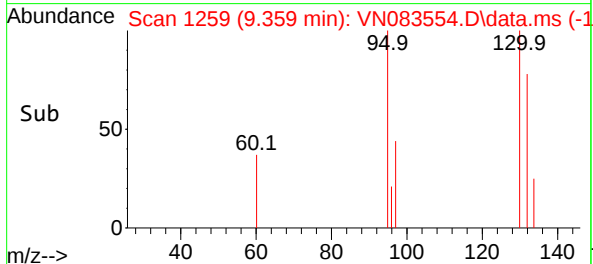
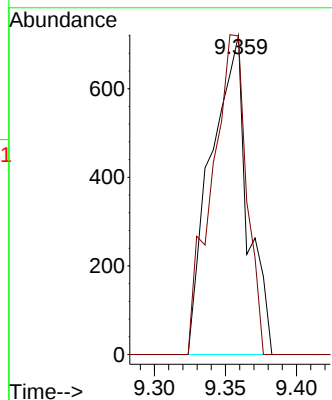
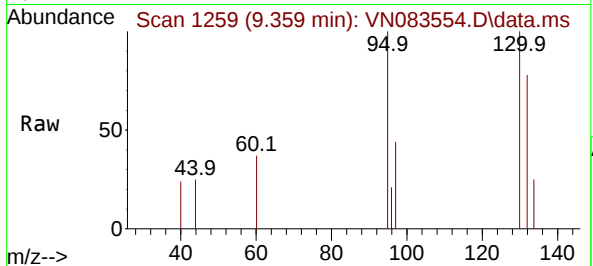




#44
Trichloroethene
Concen: 0.639 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09

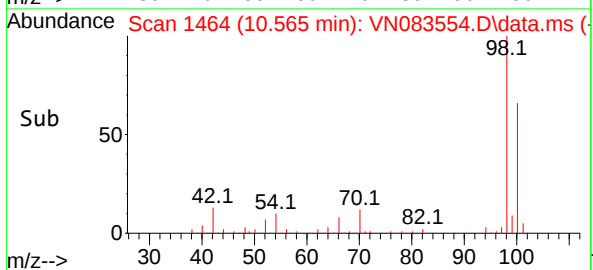
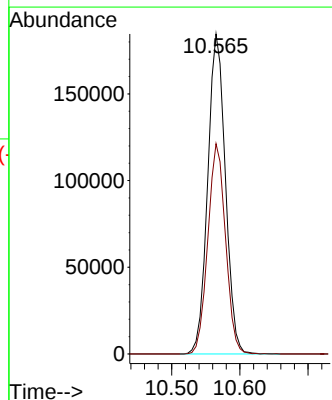
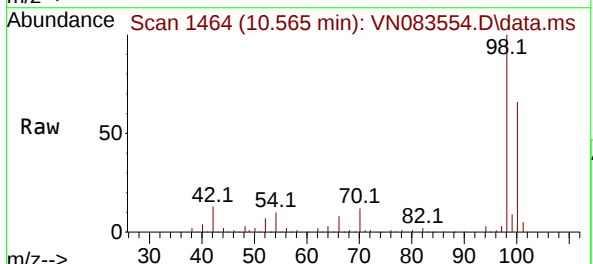
Instrument :
MSVOA_N
ClientSampleId :

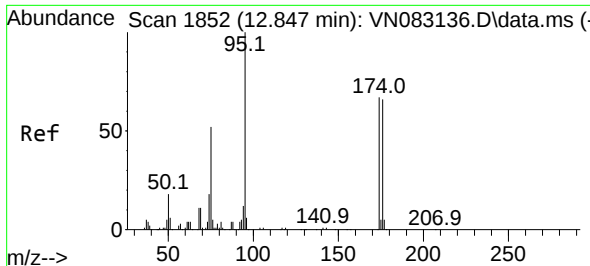
Tgt Ion:130 Resp: 1290
Ion Ratio Lower Upper
130 100
95 99.9 0.0 197.8



#50
Toluene-d8
Concen: 47.443 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09

Tgt Ion: 98 Resp: 333100
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3

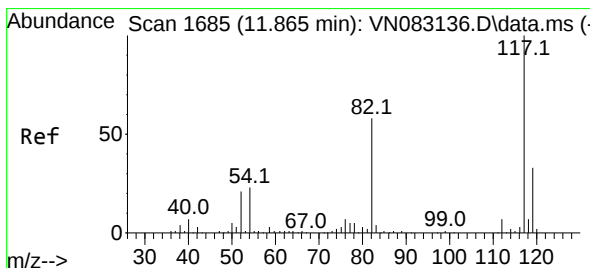
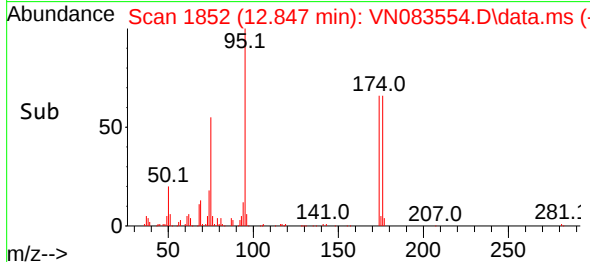
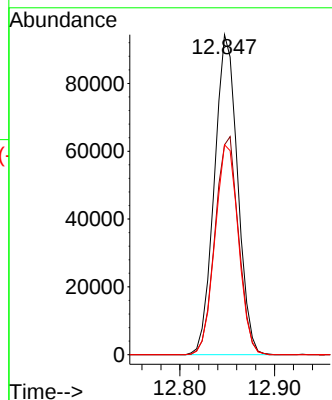
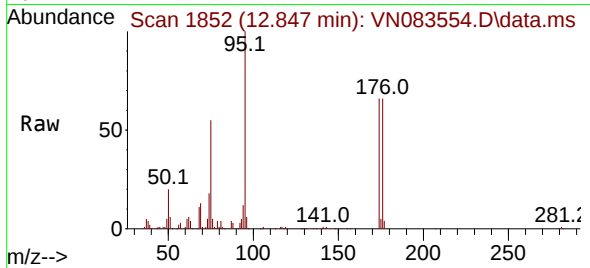




#62
4-Bromofluorobenzene
Concen: 58.708 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09

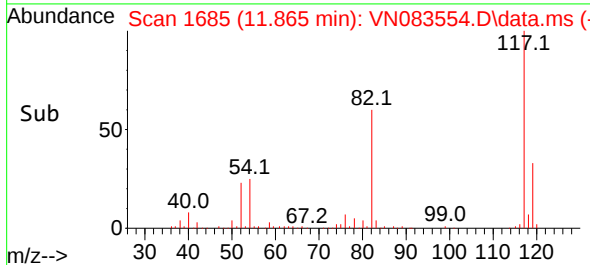
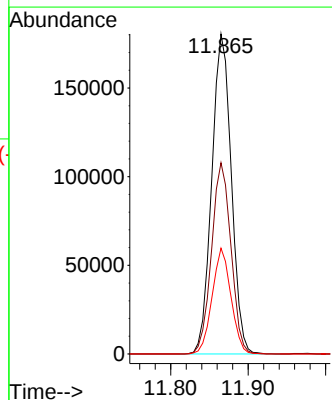
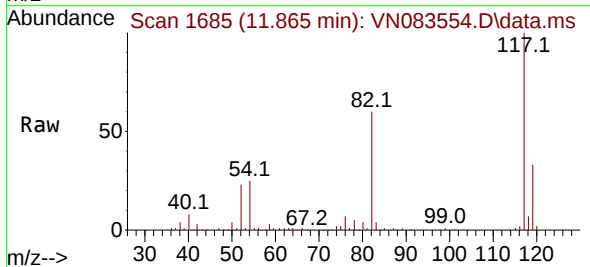
Instrument :
MSVOA_N
ClientSampleId :

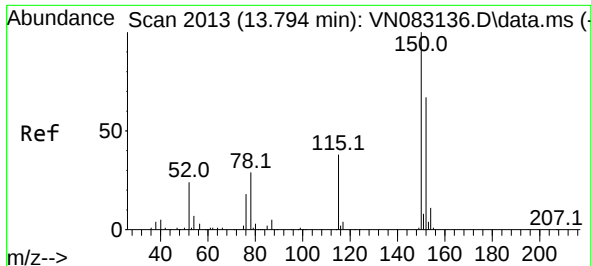
Tgt Ion: 95 Resp: 160698
Ion Ratio Lower Upper
95 100
174 69.0 0.0 159.2
176 66.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083554.D
Acq: 29 Aug 2024 14:09

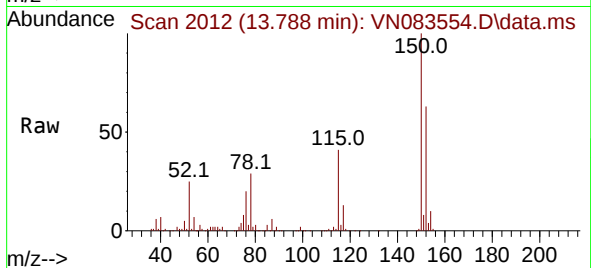
Tgt Ion: 117 Resp: 317239
Ion Ratio Lower Upper
117 100
82 59.8 47.5 71.3
119 33.0 25.6 38.4



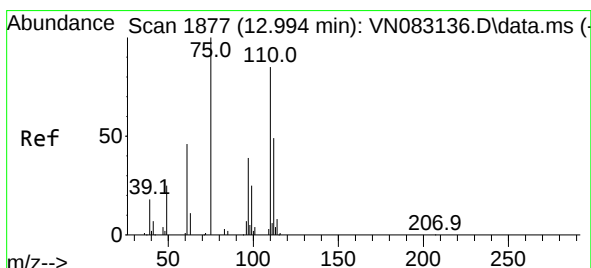
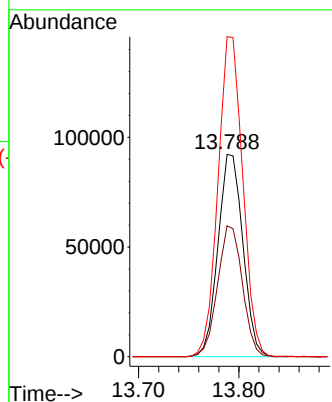
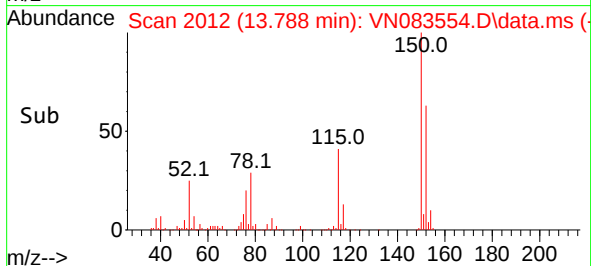


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN083554.D
 Acq: 29 Aug 2024 14:09

Instrument :
 MSVOA_N
 ClientSampleId :

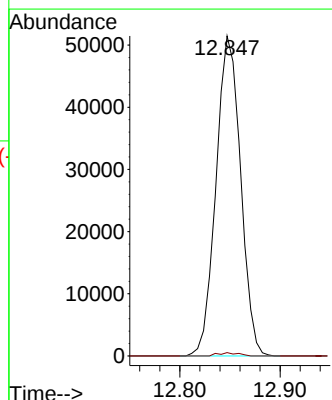
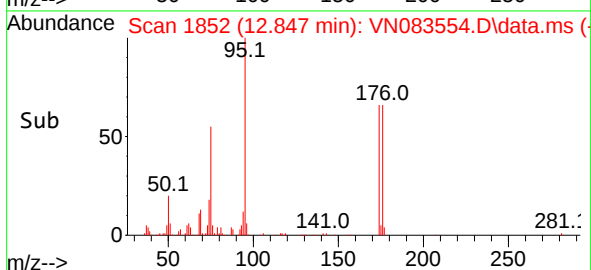
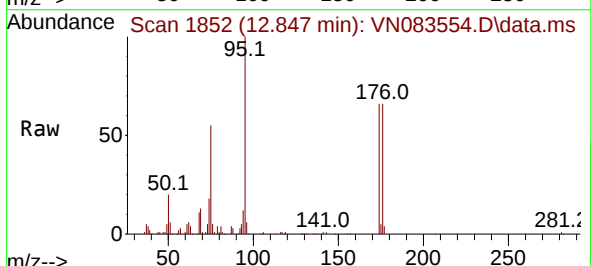


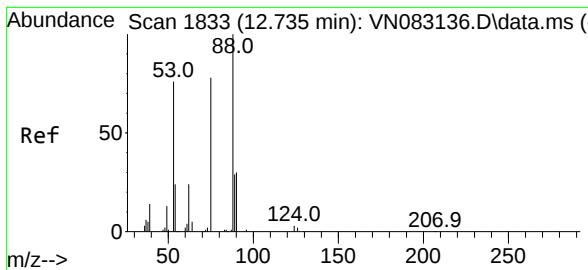
Tgt Ion:152 Resp: 158493
 Ion Ratio Lower Upper
 152 100
 115 64.6 30.6 91.6
 150 157.7 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 25.169 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083554.D
 Acq: 29 Aug 2024 14:09

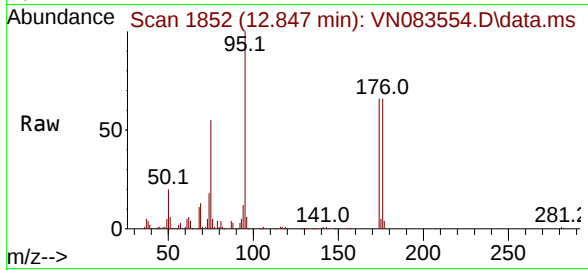
Tgt Ion: 75 Resp: 87550
 Ion Ratio Lower Upper
 75 100
 77 0.9 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.748 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083554.D
 Acq: 29 Aug 2024 14:09

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 87550
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

