

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083382.D
 Acq On : 19 Aug 2024 19:06
 Operator : JC\MD
 Sample : P3645-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 20 04:50:35 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)

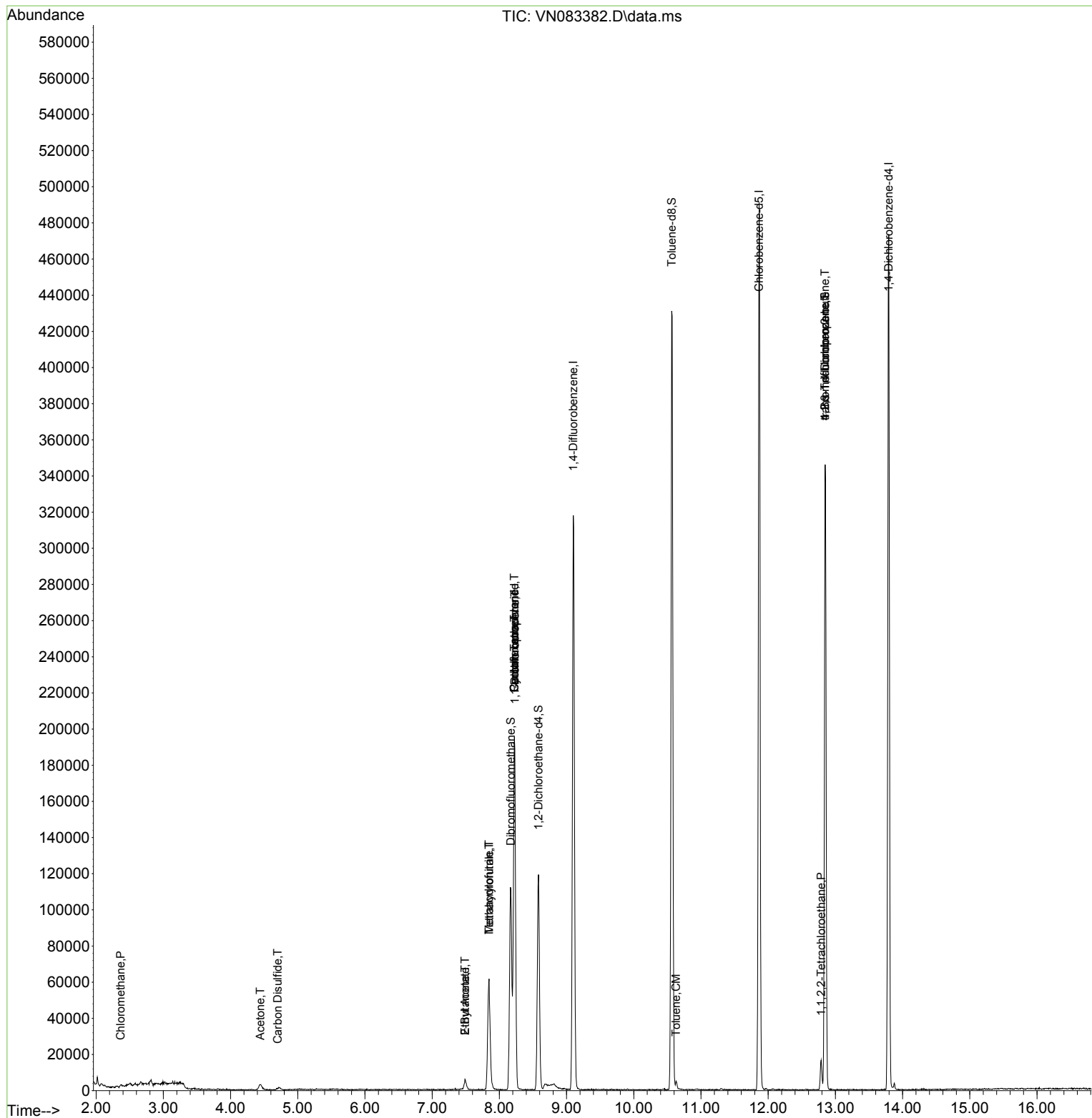
Internal Standards						
1) Pentafluorobenzene	8.224	168	133722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	101739	53.452	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.900%			
35) Dibromofluoromethane	8.171	113	81537	49.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.200%			
50) Toluene-d8	10.565	98	301944	48.747	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.500%			
62) 4-Bromofluorobenzene	12.847	95	125809	52.098	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.200%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	962	0.620	ug/l	90
16) Acetone	4.442	43	6590	8.848	ug/l #	85
17) Carbon Disulfide	4.700	76	2062	0.475	ug/l #	75
25) 2-Butanone	7.488	43	9461	8.273	ug/l	94
29) Tetrahydrofuran	7.847	42	47814	64.678	ug/l	90
31) Cyclohexane	8.224	56	3405	1.207	ug/l #	16
36) 1,1-Dichloropropene	8.230	75	12766	5.082	ug/l #	51
37) Ethyl Acetate	7.488	43	9461	3.364	ug/l #	72
38) Carbon Tetrachloride	8.224	117	15250	5.390	ug/l #	18
41) Methacrylonitrile	7.847	41	28151	17.604	ug/l #	51
43) Isopropyl Acetate	8.677	43	1902	Below Cal	#	60
52) Toluene	10.629	92	1948	0.412	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.788	83	751	0.258	ug/l #	26
76) 1,2,3-Trichloropropane	12.847	75	69307	25.625	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69307	55.742	ug/l #	6

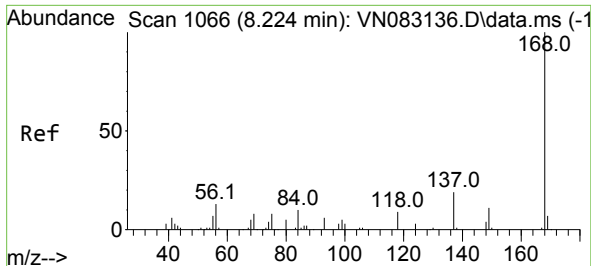
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P3645-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

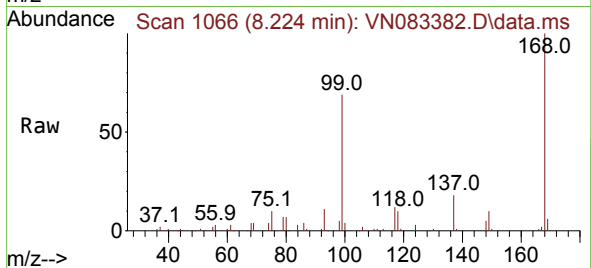
Quant Time: Aug 20 04:50:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



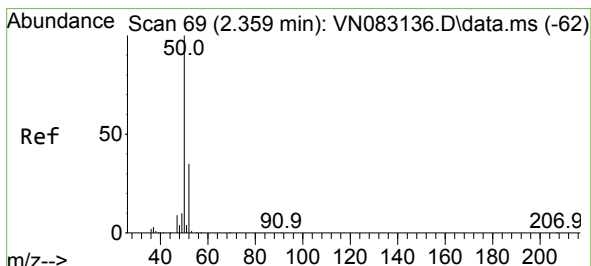
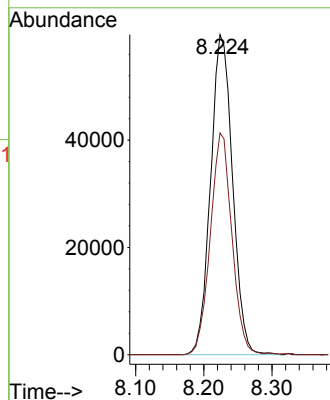
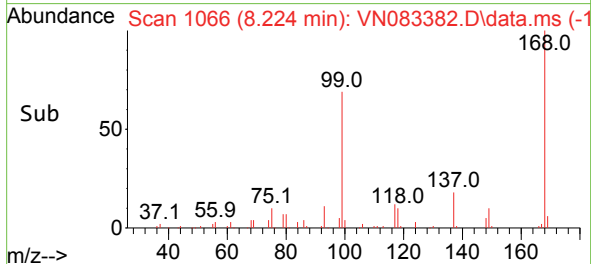


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

Instrument :
MSVOA_N
ClientSampleId :

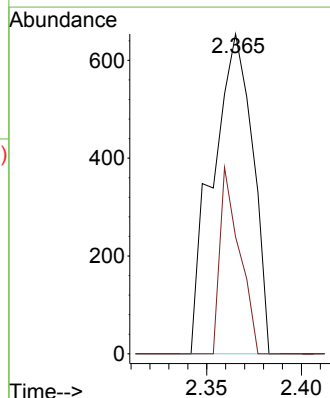
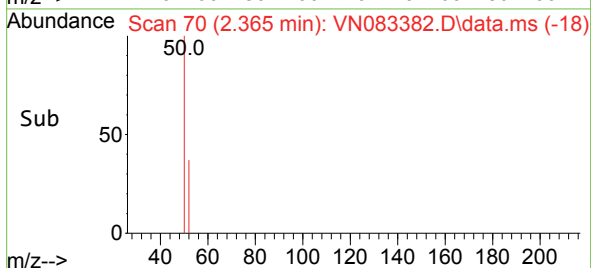
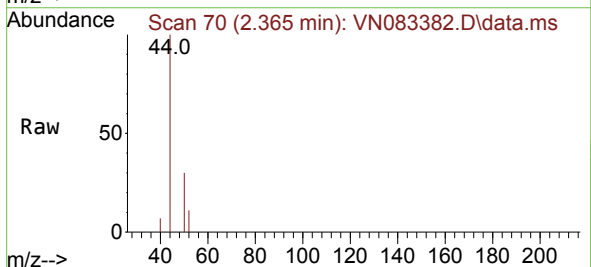


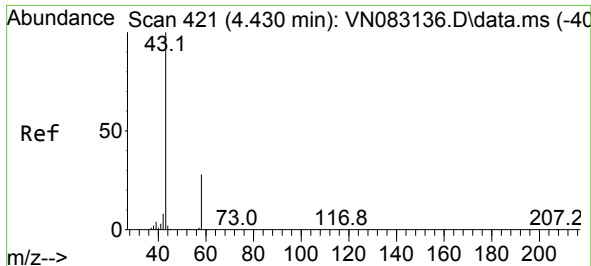
Tgt Ion:168 Resp: 133722
Ion Ratio Lower Upper
168 100
99 69.3 48.2 72.4



#3
Chloromethane
Concen: 0.620 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

Tgt Ion: 50 Resp: 962
Ion Ratio Lower Upper
50 100
52 36.5 25.0 37.4

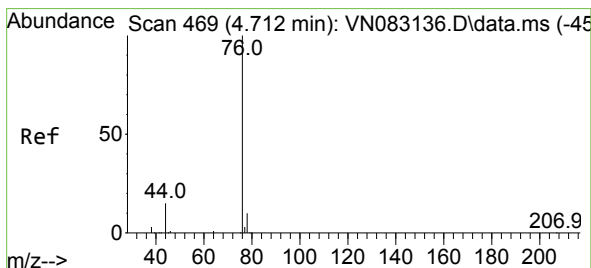
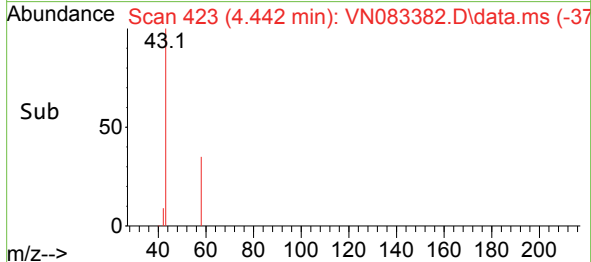
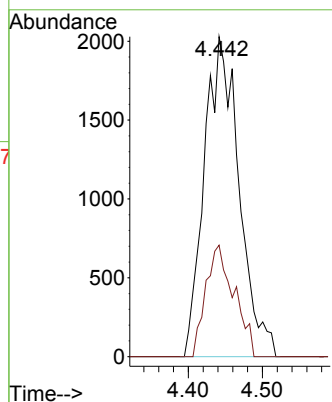
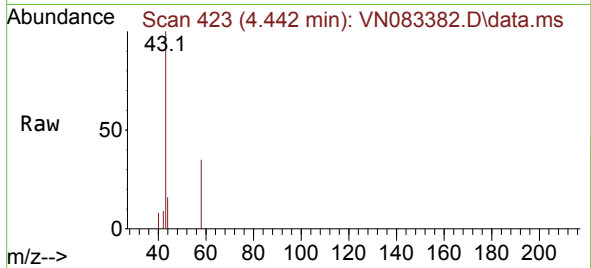




#16
Acetone
Concen: 8.848 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

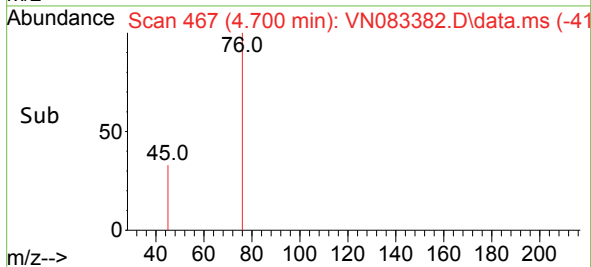
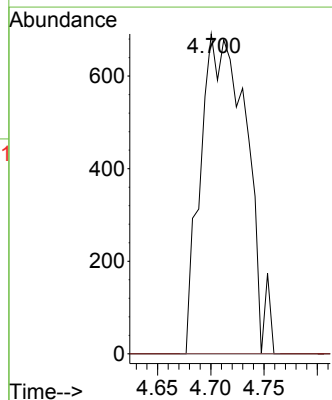
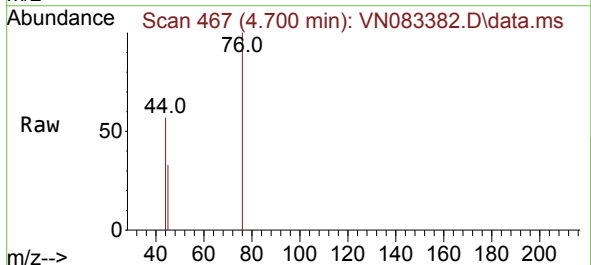
Instrument :
MSVOA_N
ClientSampleId :

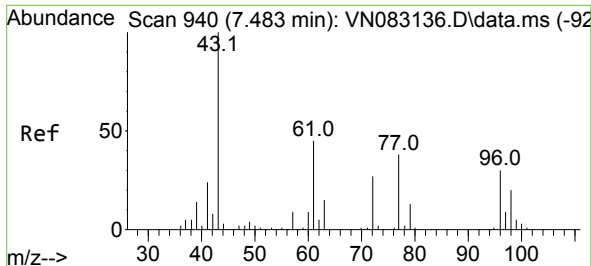
Tgt Ion: 43 Resp: 6590
Ion Ratio Lower Upper
43 100
58 34.8 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.475 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

Tgt Ion: 76 Resp: 2062
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

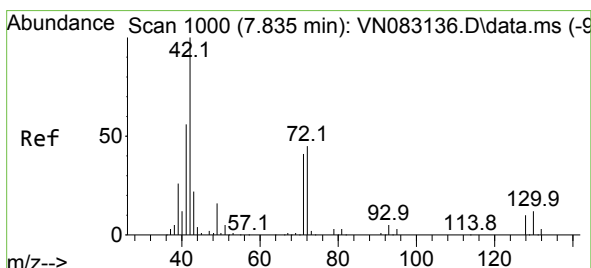
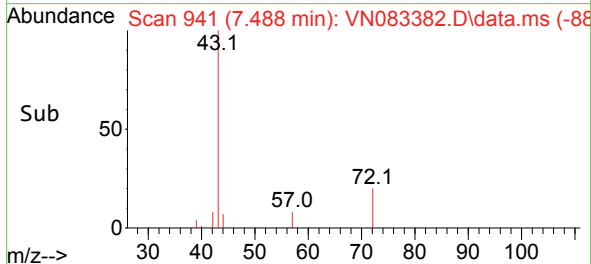
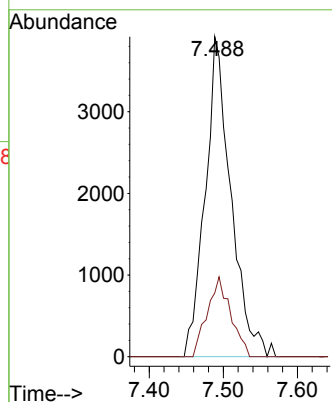
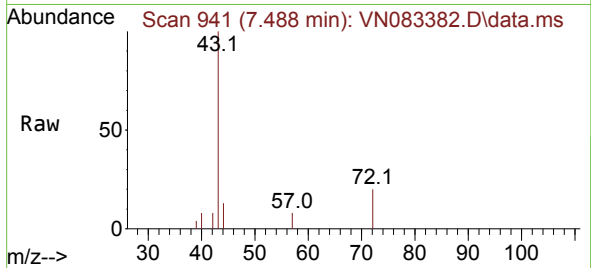




#25
2-Butanone
Concen: 8.273 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

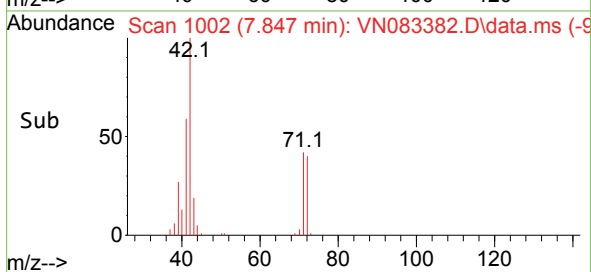
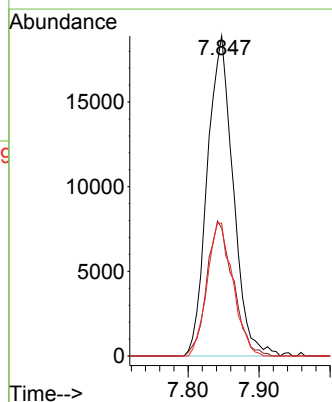
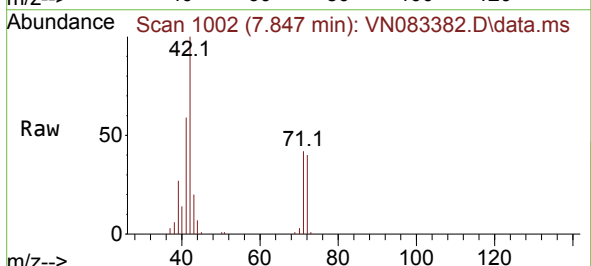
Instrument :
MSVOA_N
ClientSampleId :

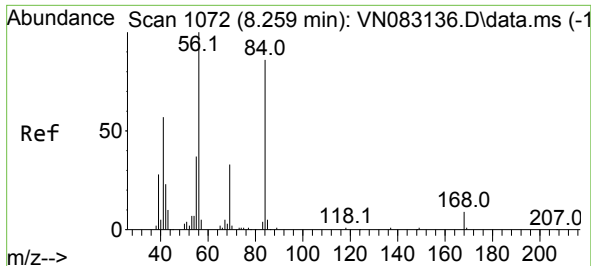
Tgt Ion: 43 Resp: 9461
Ion Ratio Lower Upper
43 100
72 19.9 18.2 27.2



#29
Tetrahydrofuran
Concen: 64.678 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

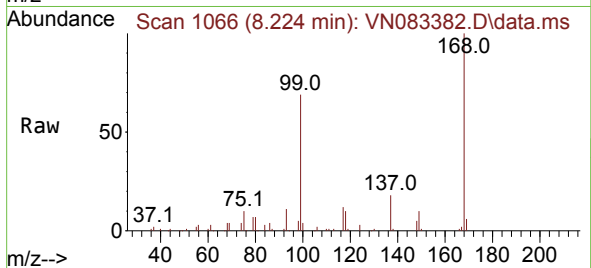
Tgt Ion: 42 Resp: 47814
Ion Ratio Lower Upper
42 100
72 43.0 30.0 45.0
71 41.5 28.3 42.5



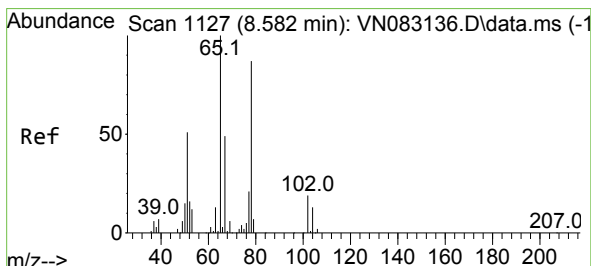
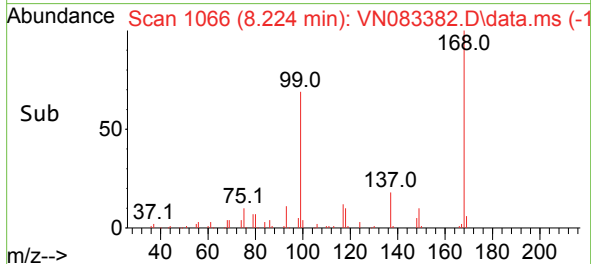
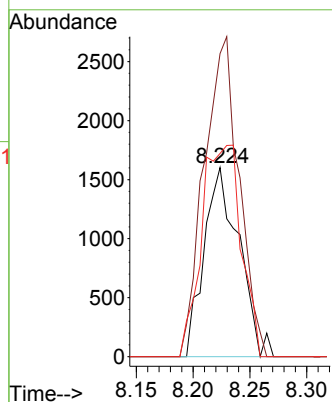


#31
Cyclohexane
Concen: 1.207 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

Instrument :
MSVOA_N
ClientSampleId :

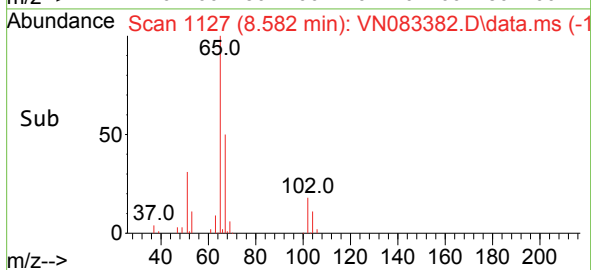
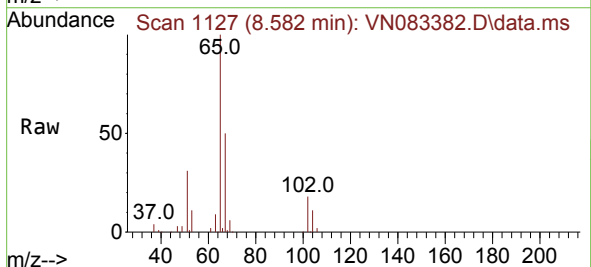
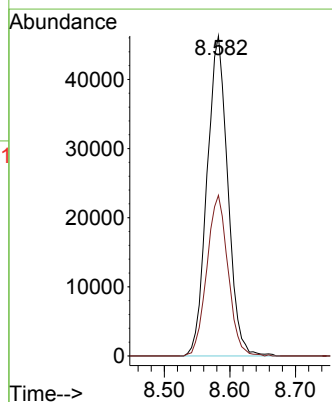


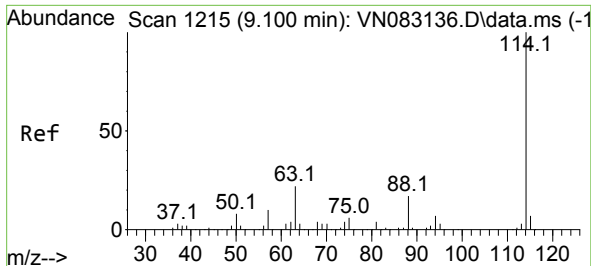
Tgt Ion: 56 Resp: 3405
Ion Ratio Lower Upper
56 100
69 160.2 24.5 36.7#
84 107.4 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 53.452 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

Tgt Ion: 65 Resp: 101739
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.4

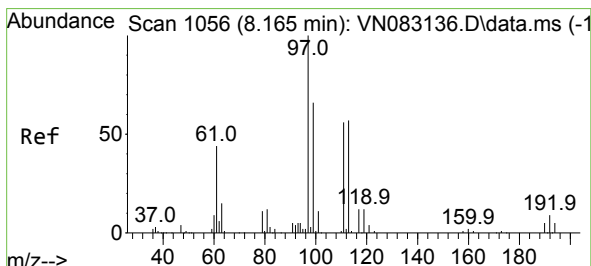
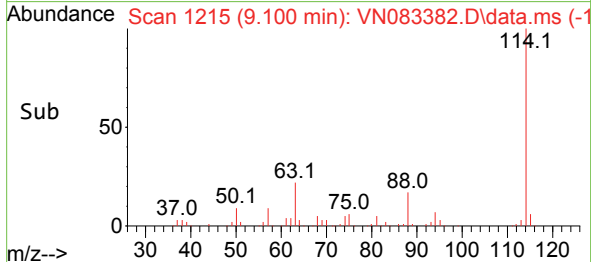
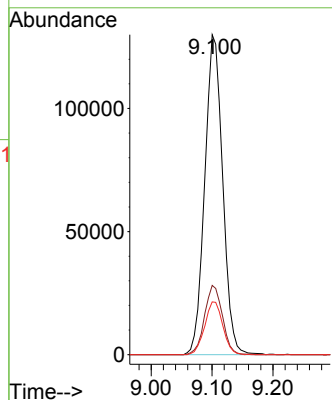
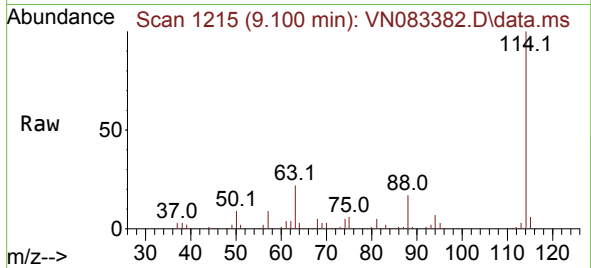




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

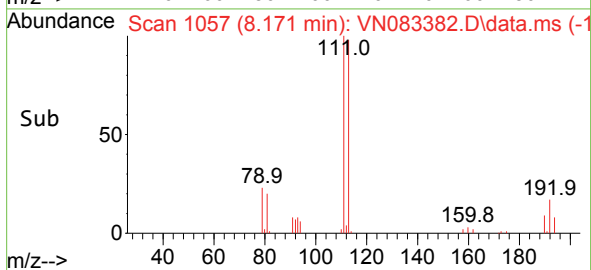
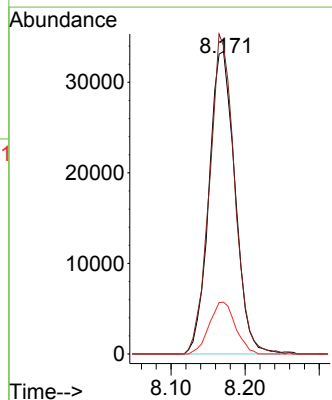
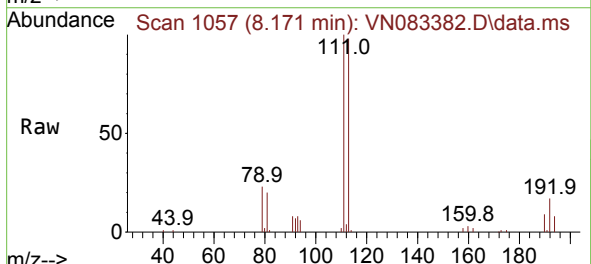
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MSVOA_N
ClientSampleId :

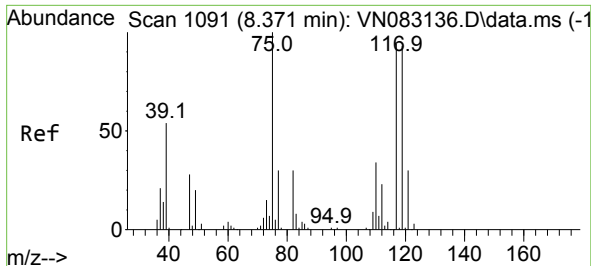
Tgt Ion:114 Resp: 266034
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.6
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.103 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

Tgt Ion:113 Resp: 81537
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 17.2 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.082 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

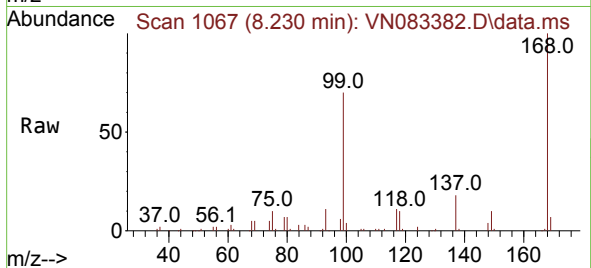
Lab File: VN083382.D

Acq: 19 Aug 2024 19:06

Instrument :

MSVOA_N

ClientSampleId :



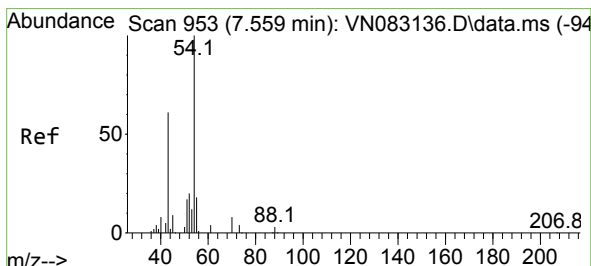
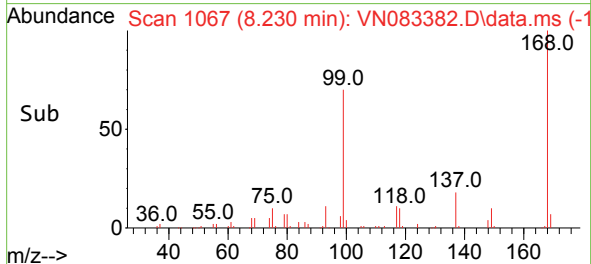
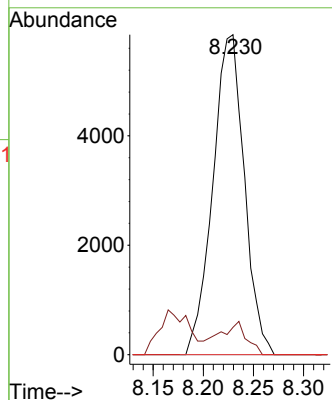
Tgt Ion: 75 Resp: 12766

Ion Ratio Lower Upper

75 100

110 9.0 16.3 48.9#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 3.364 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.071 min

Lab File: VN083382.D

Acq: 19 Aug 2024 19:06

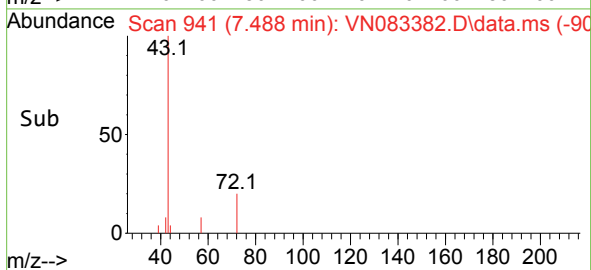
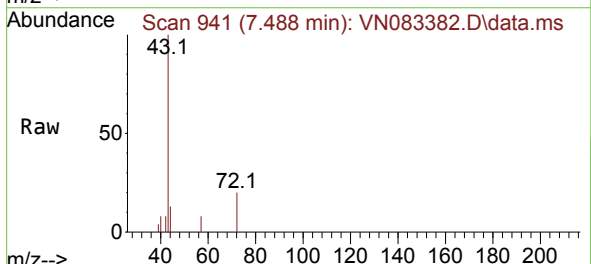
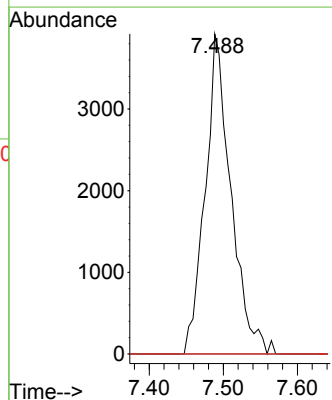
Tgt Ion: 43 Resp: 9461

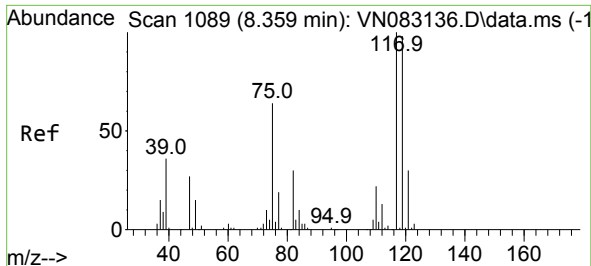
Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

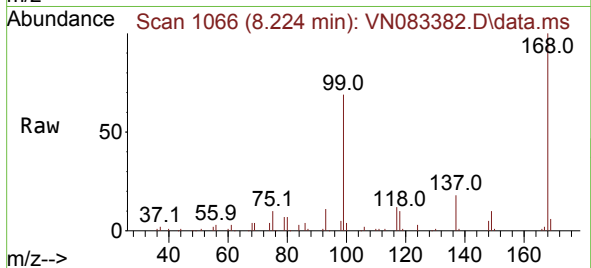
70 0.0 7.0 10.6#



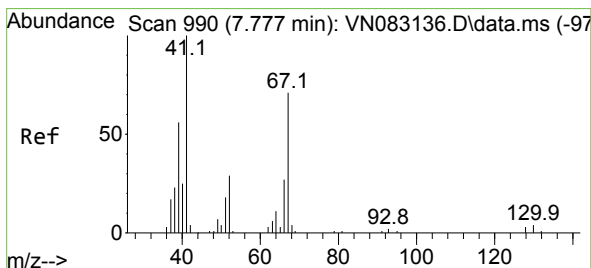
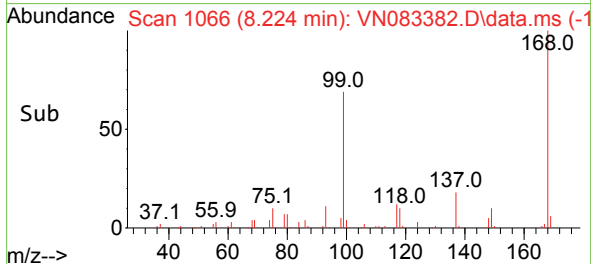
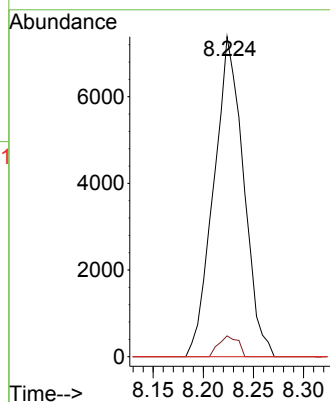


#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

Instrument :
MSVOA_N
ClientSampleId :

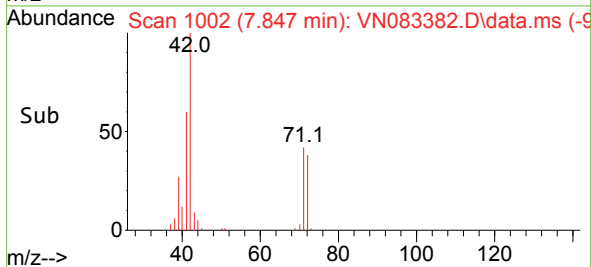
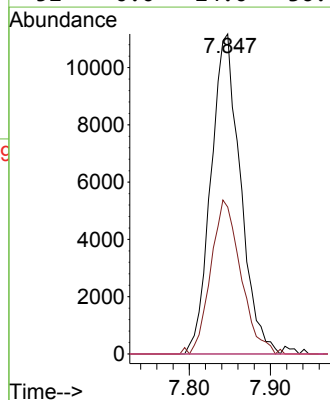
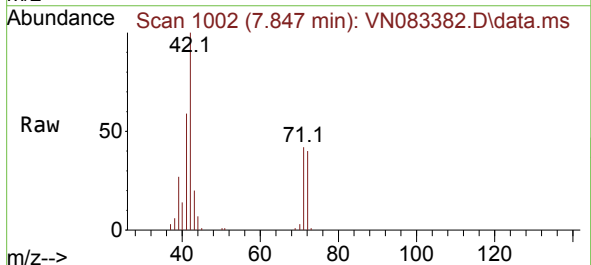


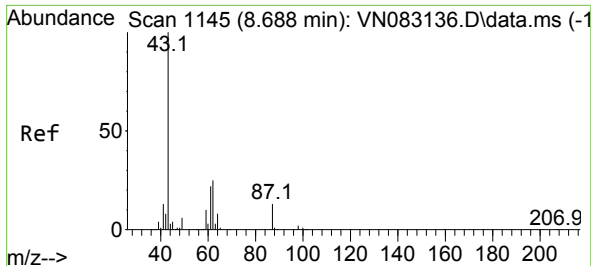
Tgt Ion:117 Resp: 15250
Ion Ratio Lower Upper
117 100
119 6.5 74.9 112.3#
121 0.0 24.3 36.5#



#41
Methacrylonitrile
Concen: 17.604 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.071 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

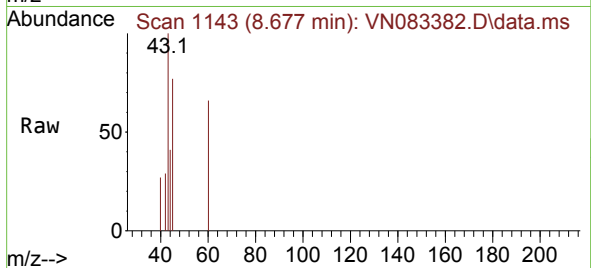
Tgt Ion: 41 Resp: 28151
Ion Ratio Lower Upper
41 100
39 49.2 45.5 68.3
67 0.0 50.5 75.7#
52 0.0 24.0 36.0#



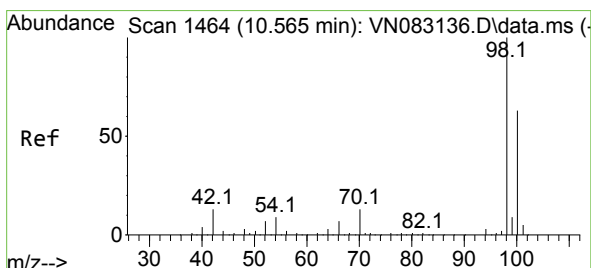
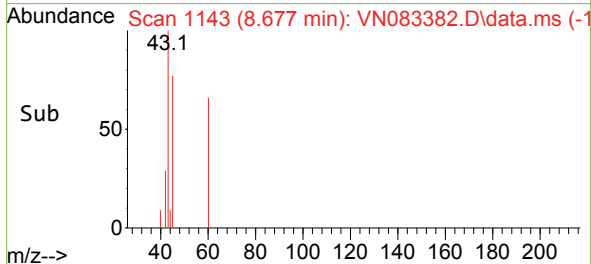
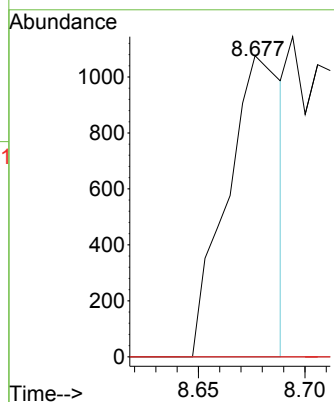


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

Instrument :
MSVOA_N
ClientSampleId :

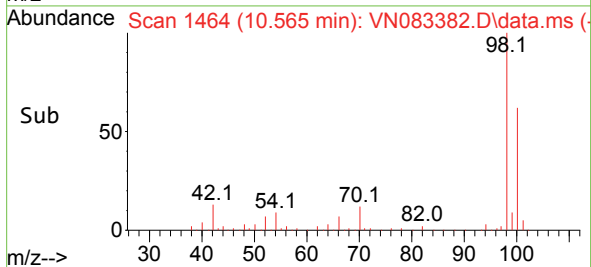
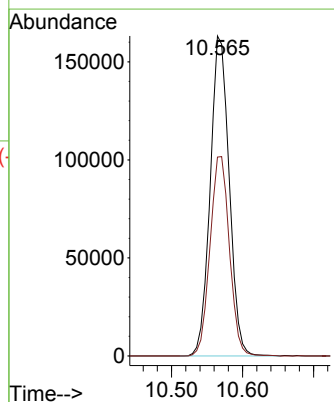
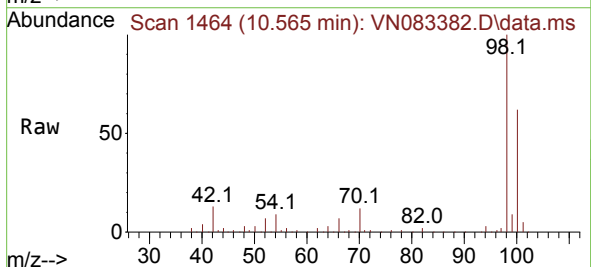


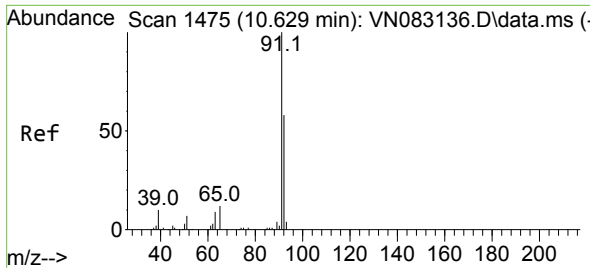
Tgt Ion: 43 Resp: 1902
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.747 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

Tgt Ion: 98 Resp: 301944
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3

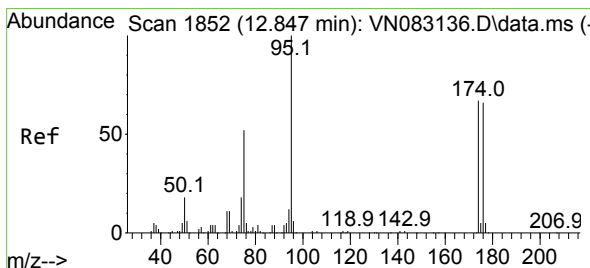
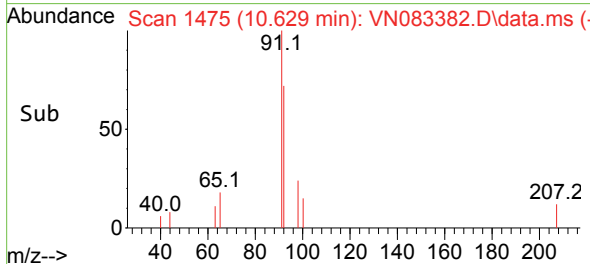
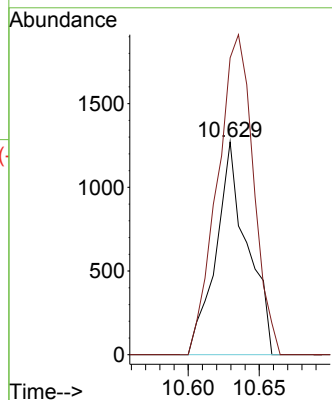
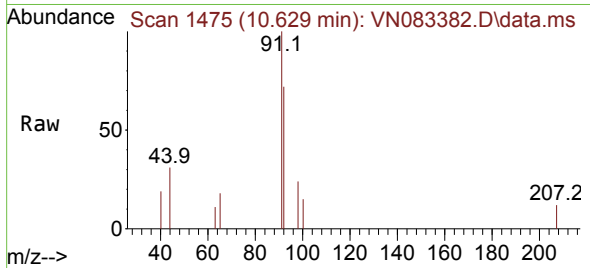




#52
Toluene
Concen: 0.412 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

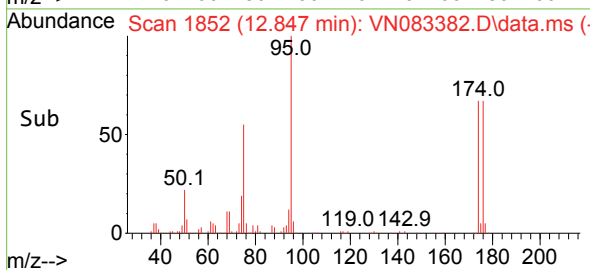
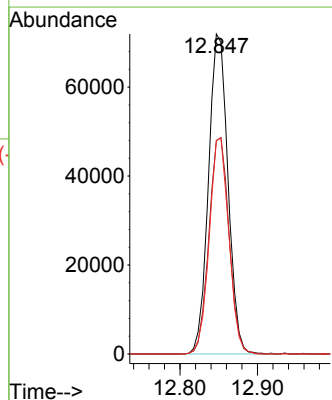
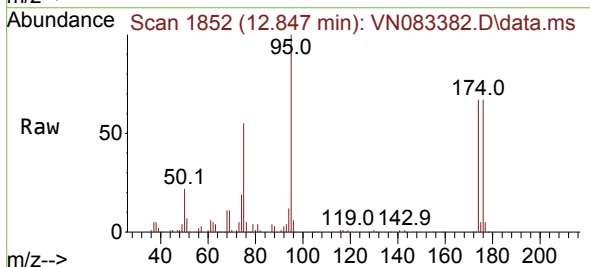
Instrument :
MSVOA_N
ClientSampleId :

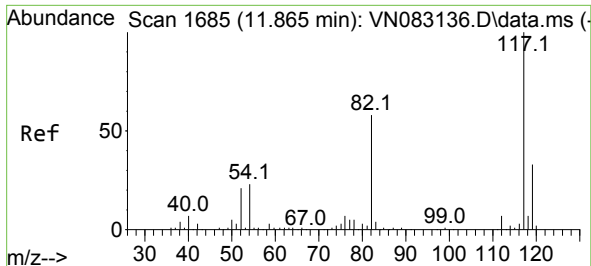
Tgt Ion: 92 Resp: 1948
Ion Ratio Lower Upper
92 100
91 173.7 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 52.098 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

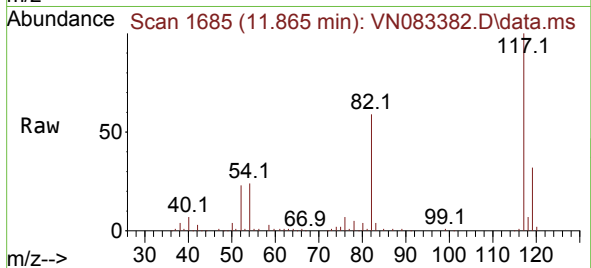
Tgt Ion: 95 Resp: 125809
Ion Ratio Lower Upper
95 100
174 69.9 0.0 159.2
176 67.6 0.0 147.6



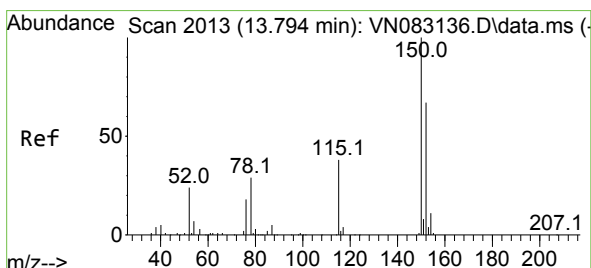
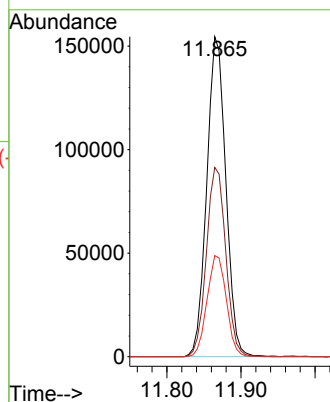
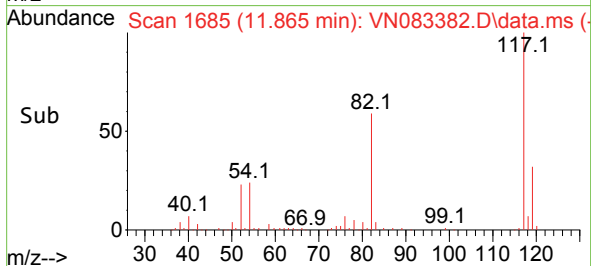


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

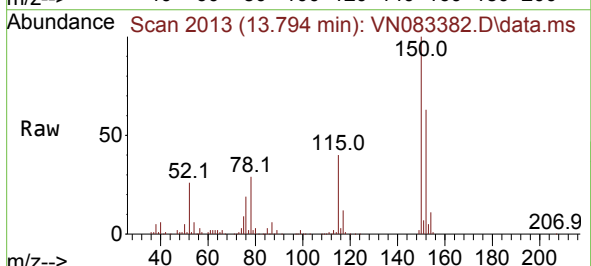
Instrument :
MSVOA_N
ClientSampleId :



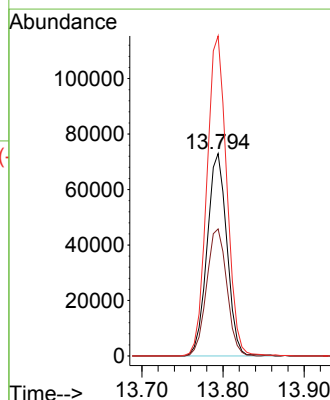
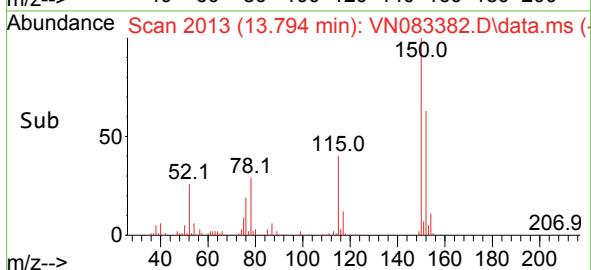
Tgt Ion:117 Resp: 276328
Ion Ratio Lower Upper
117 100
82 59.1 47.5 71.3
119 31.6 25.6 38.4

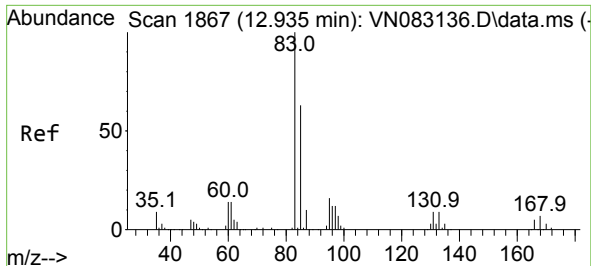


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06



Tgt Ion:152 Resp: 123231
Ion Ratio Lower Upper
152 100
115 64.3 30.6 91.6
150 159.0 0.0 348.6

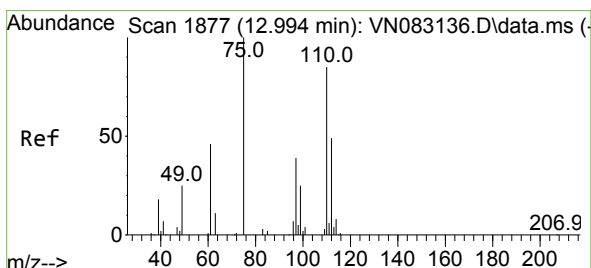
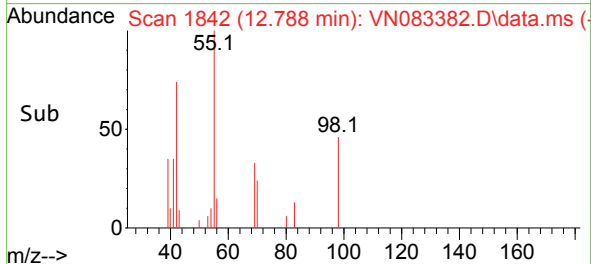
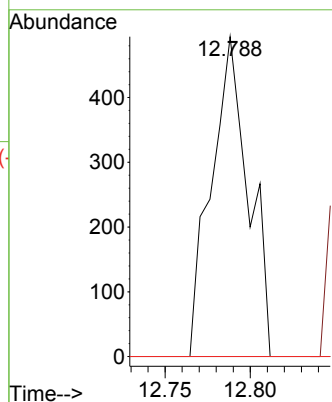
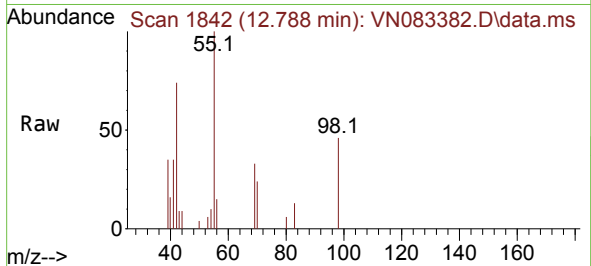




#75
1,1,2,2-Tetrachloroethane
Concen: 0.258 ug/l
RT: 12.788 min Scan# 1842
Delta R.T. -0.147 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

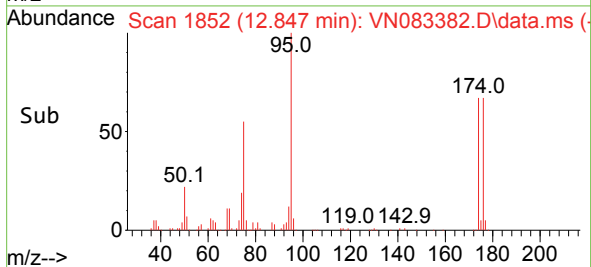
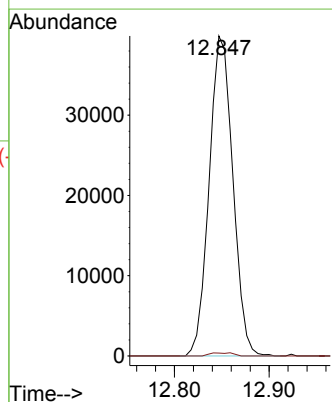
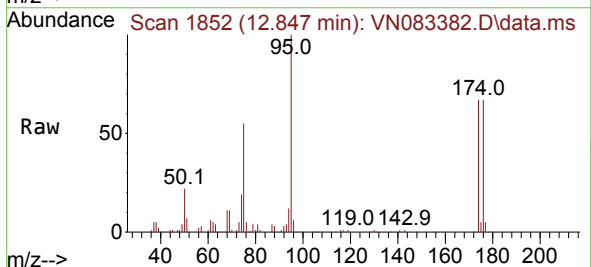
Instrument :
MSVOA_N
ClientSampleId :

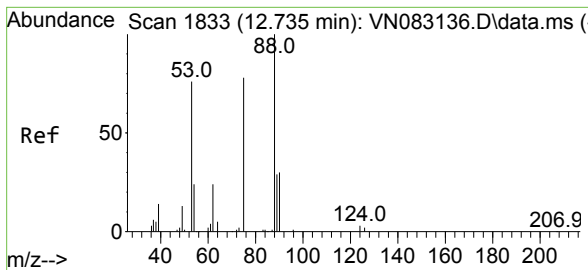
Tgt Ion: 83 Resp: 751
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 25.625 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083382.D
Acq: 19 Aug 2024 19:06

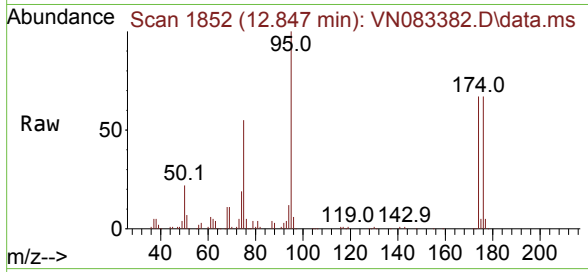
Tgt Ion: 75 Resp: 69307
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.742 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083382.D
 Acq: 19 Aug 2024 19:06

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 69307
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

