

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083045.D
 Acq On : 26 Jul 2024 12:33
 Operator : JC\MD
 Sample : P3375-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 26 23:04:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

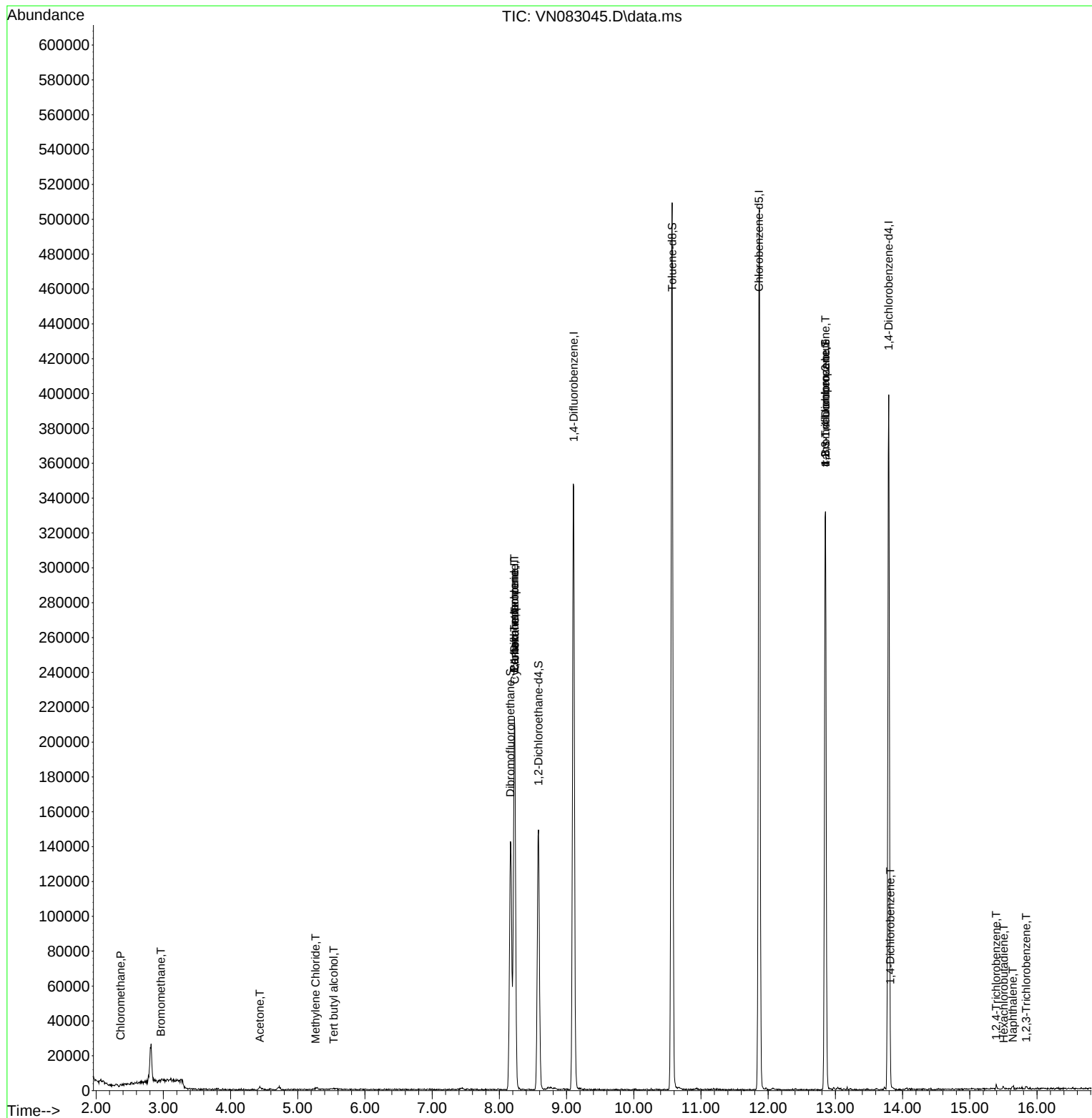
Internal Standards						
1) Pentafluorobenzene	8.224	168	149572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	286890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121788	58.086	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 116.180%		
35) Dibromofluoromethane	8.165	113	101410	55.087	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.180%		
50) Toluene-d8	10.571	98	346017	50.890	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.780%		
62) 4-Bromofluorobenzene	12.853	95	104865	42.936	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 85.880%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	639	0.348	ug/l #	81
5) Bromomethane	2.965	94	439	0.316	ug/l #	79
11) Tert butyl alcohol	5.536	59	304	0.862	ug/l #	71
16) Acetone	4.436	43	1976	2.677	ug/l #	48
20) Methylene Chloride	5.265	84	747	0.419	ug/l #	52
31) Cyclohexane	8.230	56	4225	1.541	ug/l #	31
36) 1,1-Dichloropropene	8.224	75	13618	5.365	ug/l #	52
38) Carbon Tetrachloride	8.224	117	16661	5.452	ug/l #	18
43) Isopropyl Acetate	8.706	43	329	Below Cal	#	60
76) 1,2,3-Trichloropropane	12.853	75	61909	34.982	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	61909	68.799	ug/l #	6
88) 1,4-Dichlorobenzene	13.817	146	1056	0.294	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.394	180	647	0.356	ug/l	68
94) Hexachlorobutadiene	15.506	225	361	0.448	ug/l #	68
95) Naphthalene	15.641	128	2055	0.330	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.841	180	805	0.431	ug/l #	62

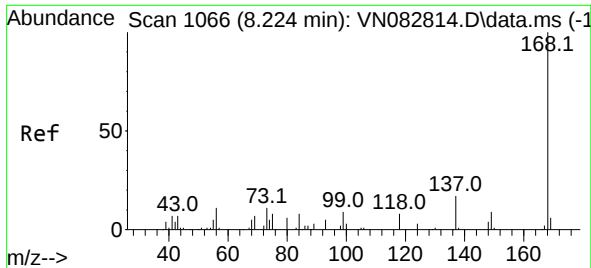
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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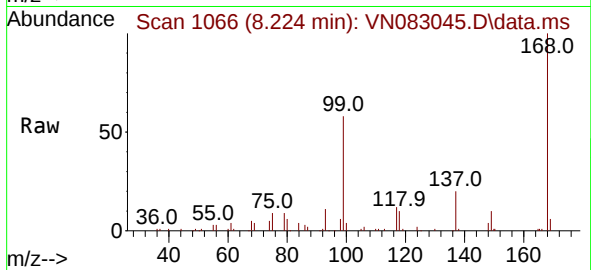
Quant Time: Jul 26 23:04:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



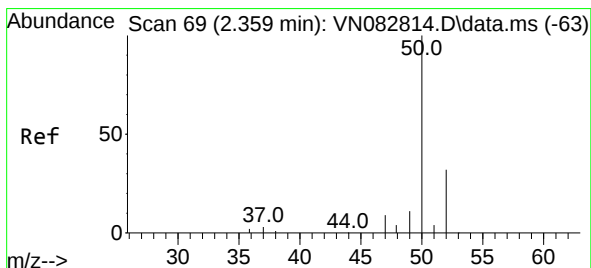
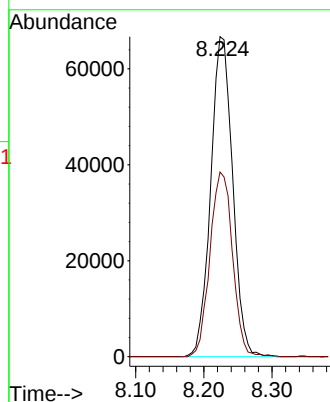
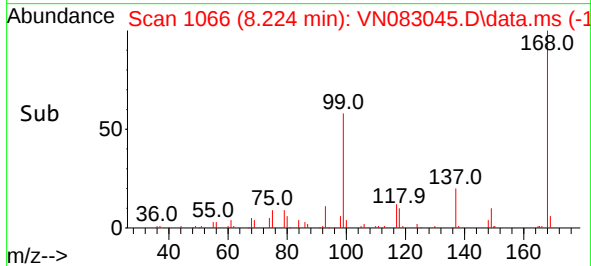


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :

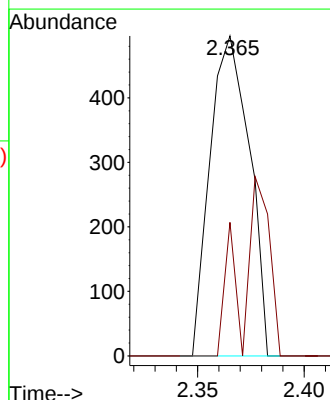
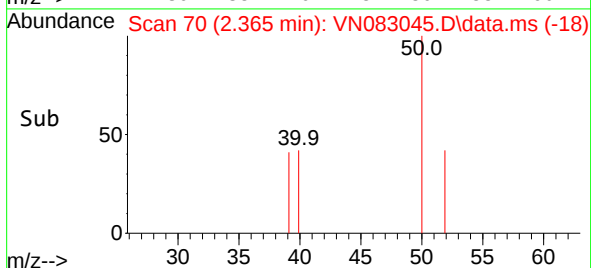
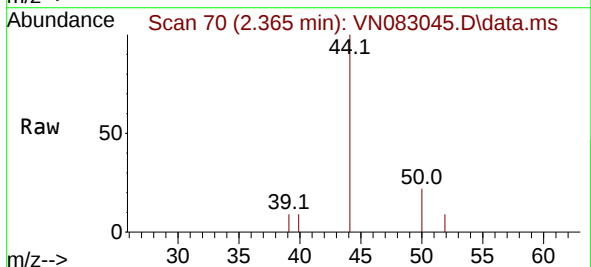


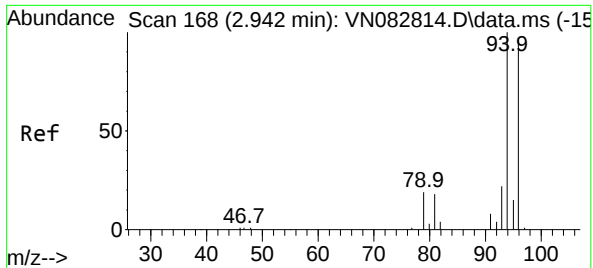
Tgt Ion:168 Resp: 149572
Ion Ratio Lower Upper
168 100
99 57.7 48.2 72.4



#3
Chloromethane
Concen: 0.348 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

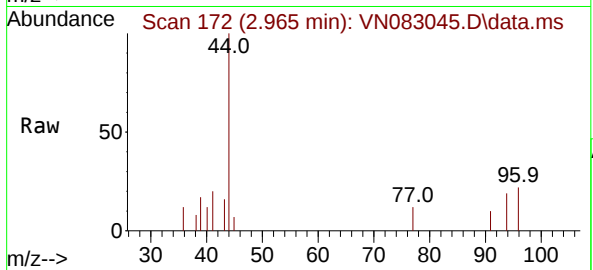
Tgt Ion: 50 Resp: 639
Ion Ratio Lower Upper
50 100
52 41.7 25.0 37.4#



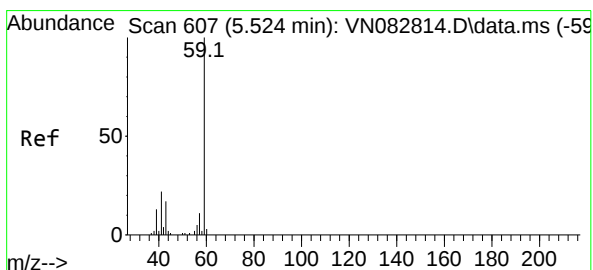
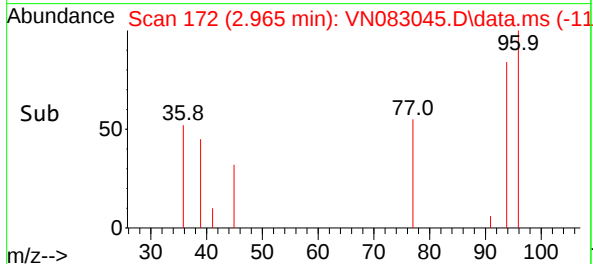
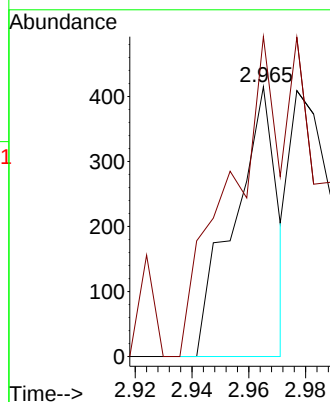


#5
Bromomethane
Concen: 0.316 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :

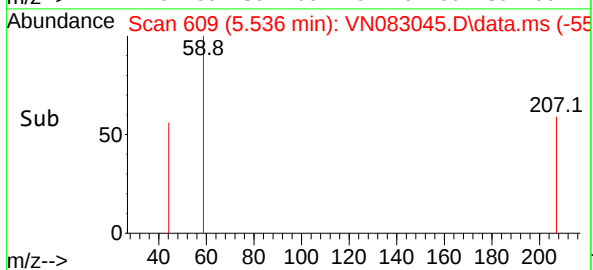
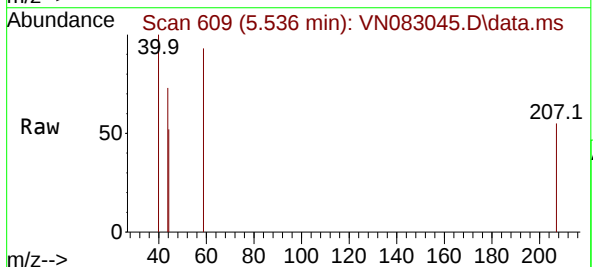
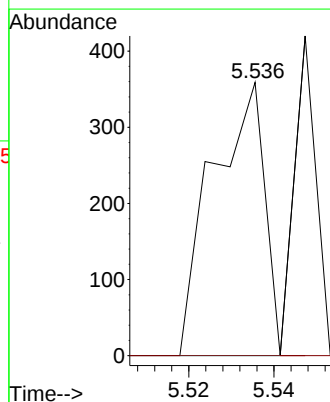


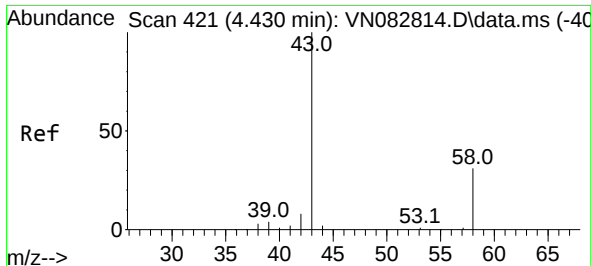
Tgt Ion: 94 Resp: 439
Ion Ratio Lower Upper
94 100
96 118.6 78.0 117.0#



#11
Tert butyl alcohol
Concen: 0.862 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

Tgt Ion: 59 Resp: 304
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

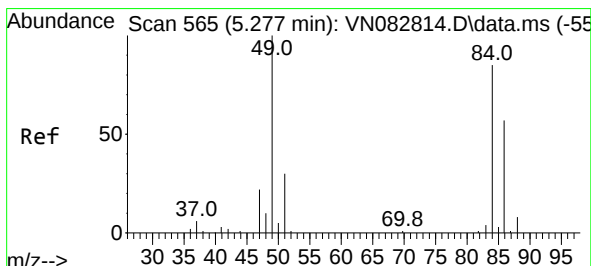
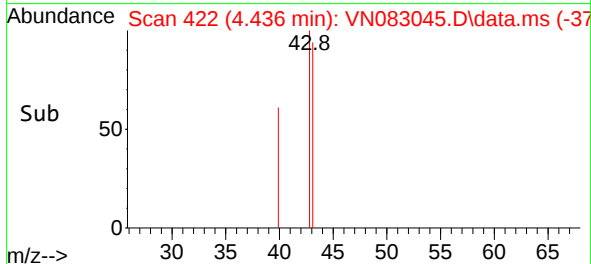
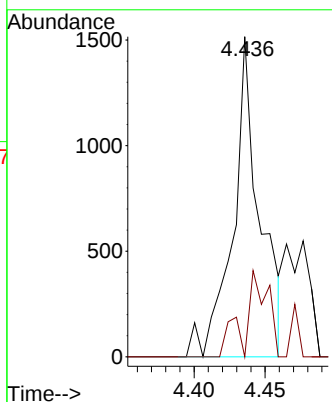
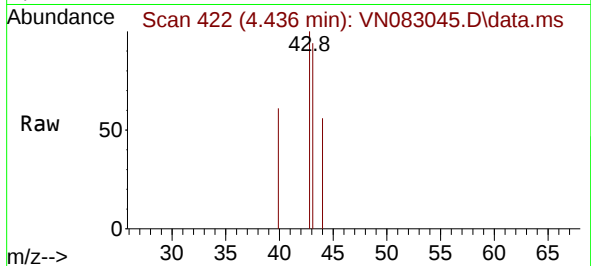




#16
Acetone
Concen: 2.677 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

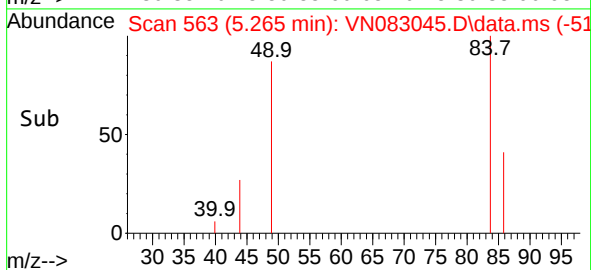
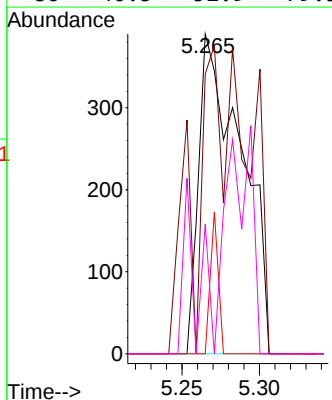
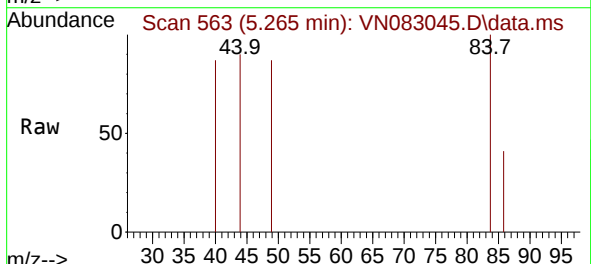
Instrument :
MSVOA_N
ClientSampleId :

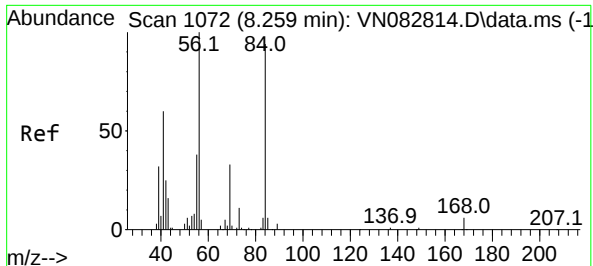
Tgt Ion: 43 Resp: 1976
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#20
Methylene Chloride
Concen: 0.419 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

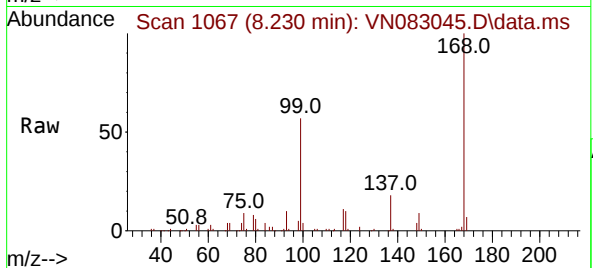
Tgt Ion: 84 Resp: 747
Ion Ratio Lower Upper
84 100
49 87.4 119.6 179.4#
51 0.0 34.8 52.2#
86 40.5 52.9 79.3#



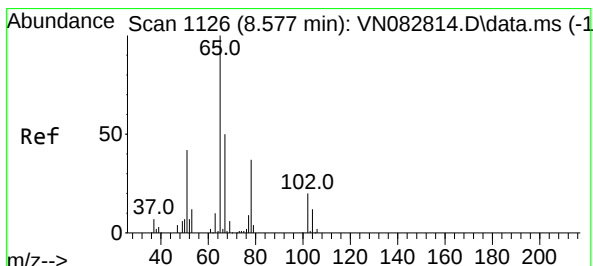
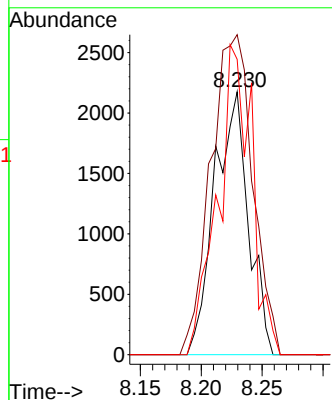
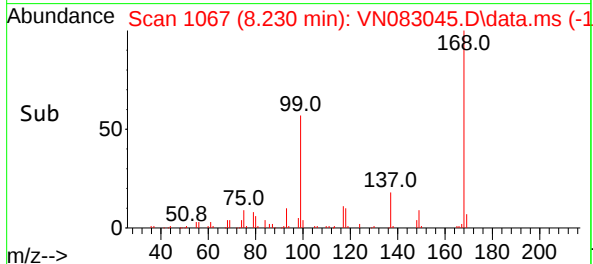


#31
Cyclohexane
Concen: 1.541 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :

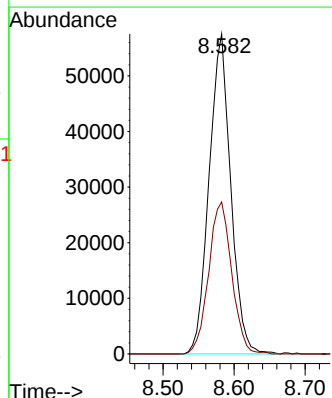
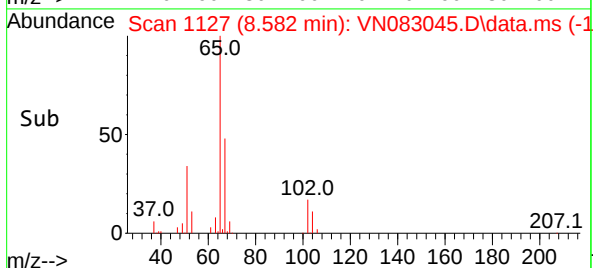
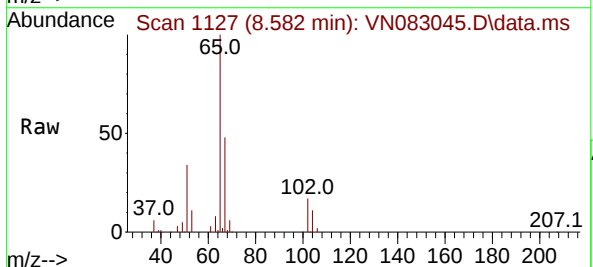


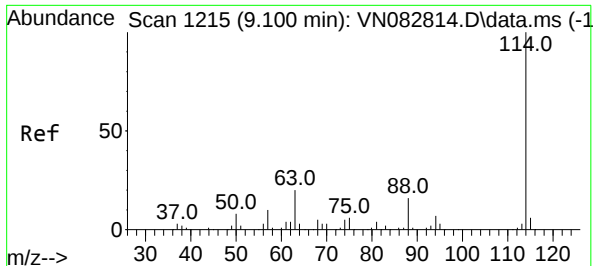
Tgt Ion: 56 Resp: 4225
Ion Ratio Lower Upper
56 100
69 121.7 24.5 36.7#
84 112.4 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 58.086 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

Tgt Ion: 65 Resp: 121788
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083045.D

Acq: 26 Jul 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

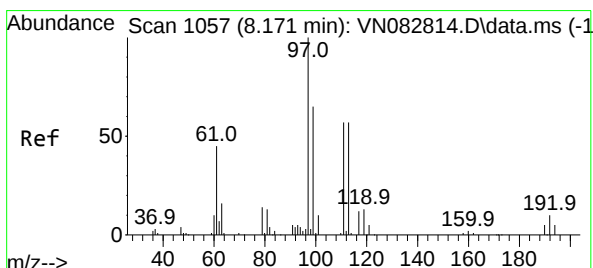
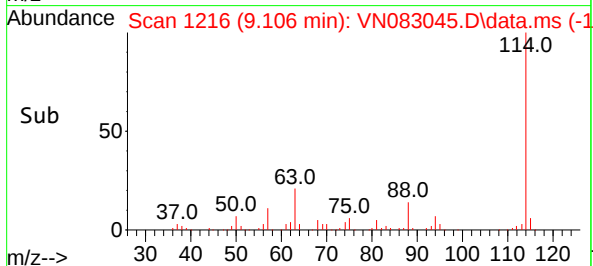
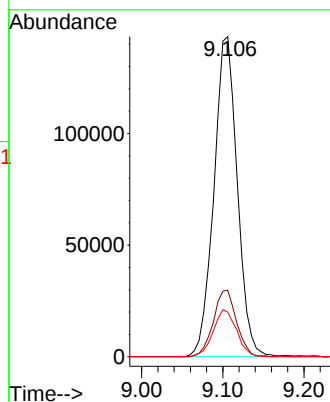
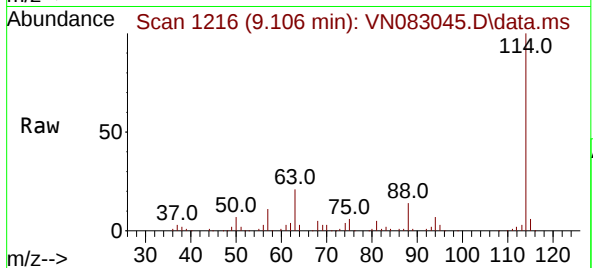
Tgt Ion:114 Resp: 286890

Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.6

88 14.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.087 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083045.D

Acq: 26 Jul 2024 12:33

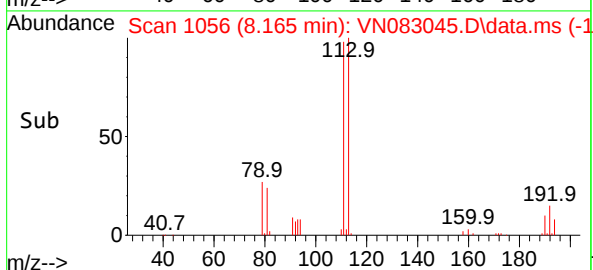
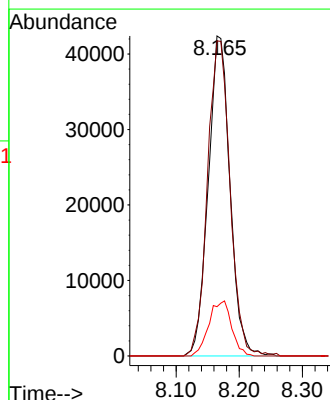
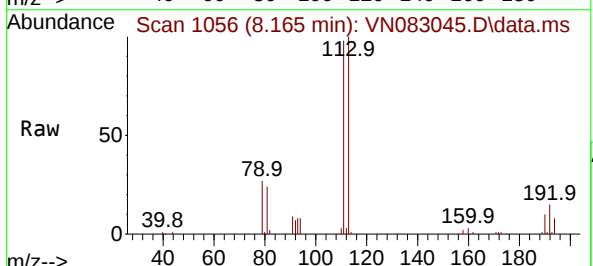
Tgt Ion:113 Resp: 101410

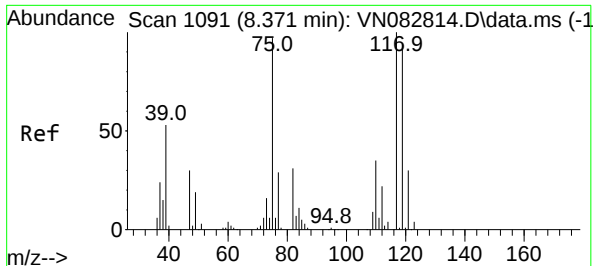
Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 18.0 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.365 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083045.D

Acq: 26 Jul 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

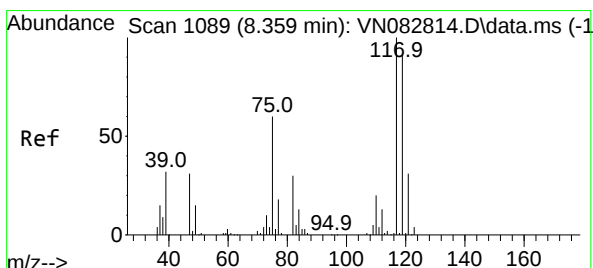
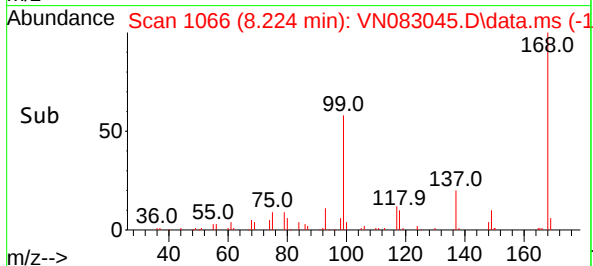
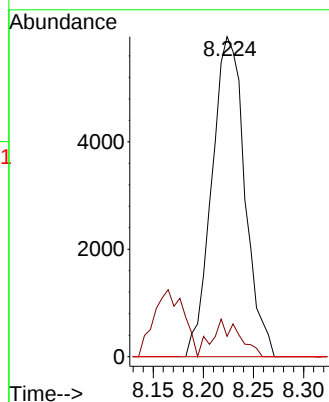
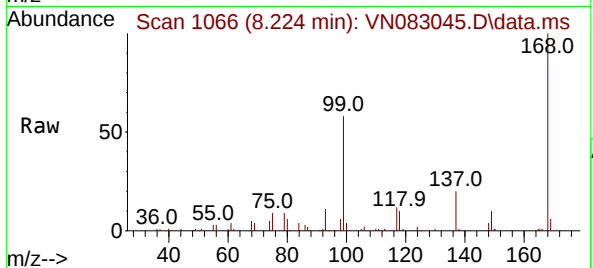
Tgt Ion: 75 Resp: 13618

Ion Ratio Lower Upper

75 100

110 9.6 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.452 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN083045.D

Acq: 26 Jul 2024 12:33

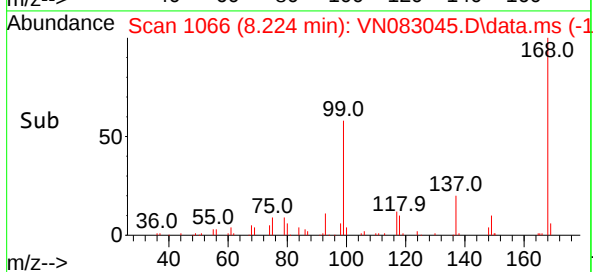
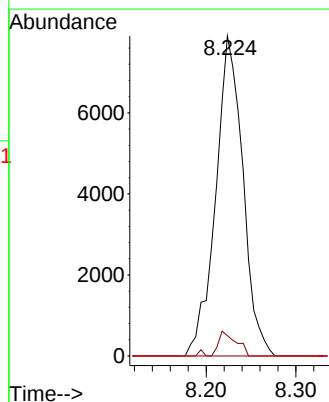
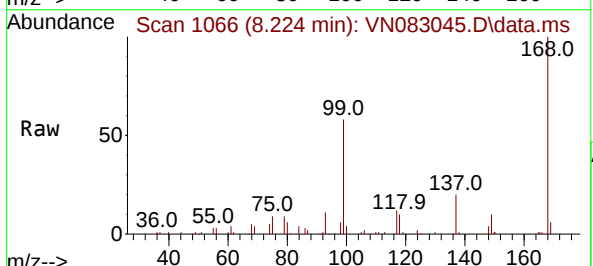
Tgt Ion: 117 Resp: 16661

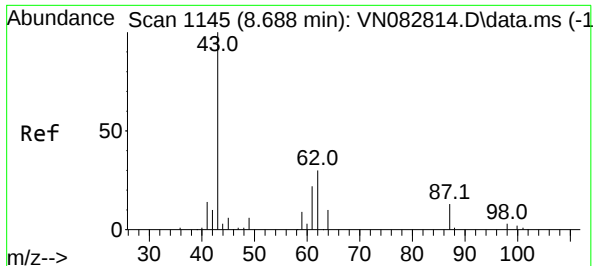
Ion Ratio Lower Upper

117 100

119 6.3 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.706 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VN083045.D

Acq: 26 Jul 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

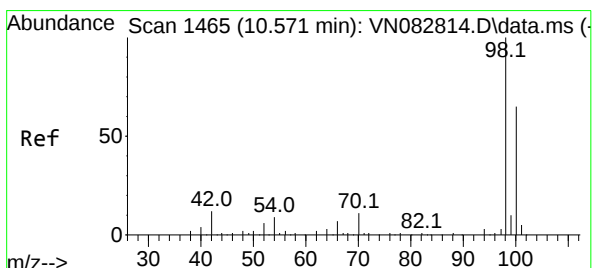
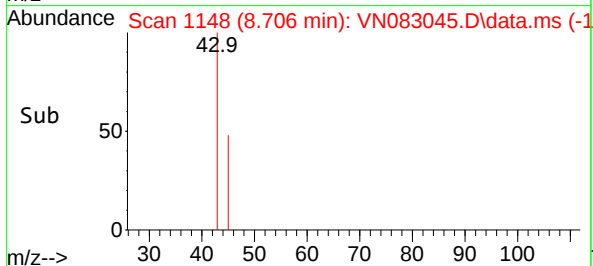
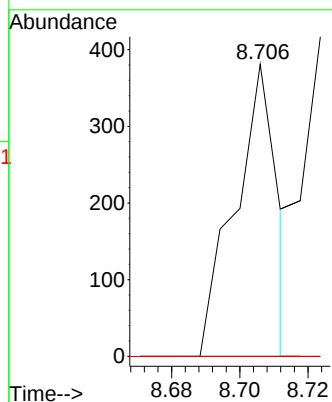
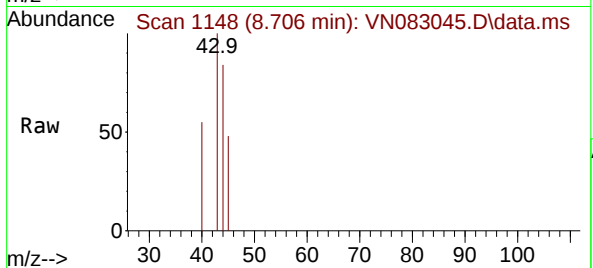
Tgt Ion: 43 Resp: 329

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 50.890 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083045.D

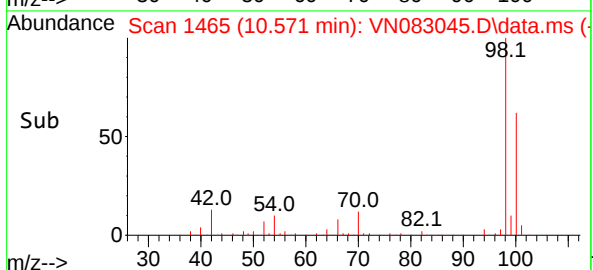
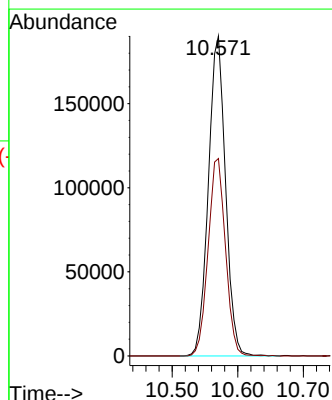
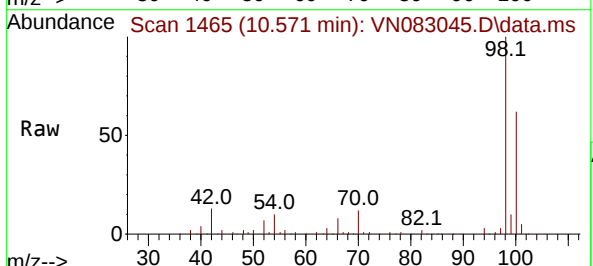
Acq: 26 Jul 2024 12:33

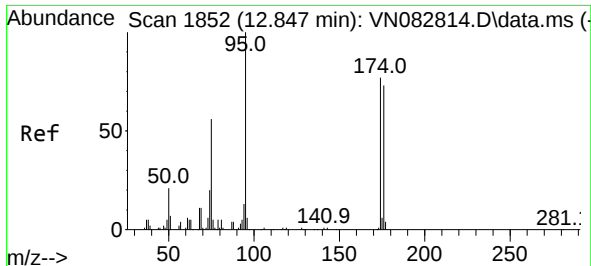
Tgt Ion: 98 Resp: 346017

Ion Ratio Lower Upper

98 100

100 62.5 51.5 77.3

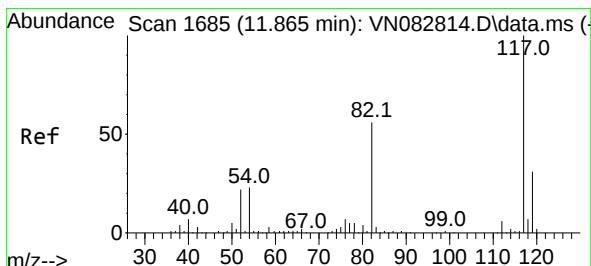
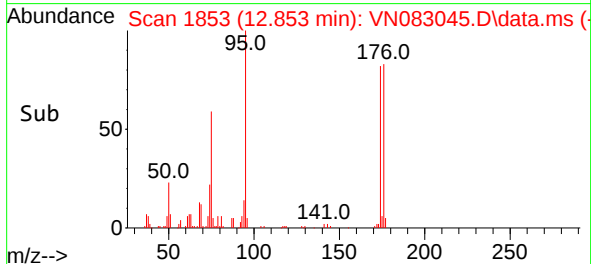
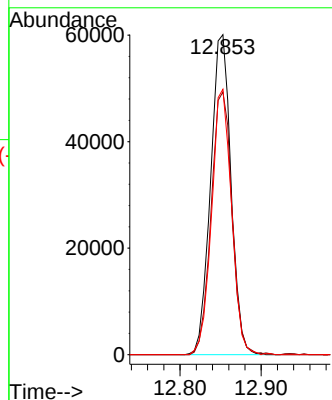
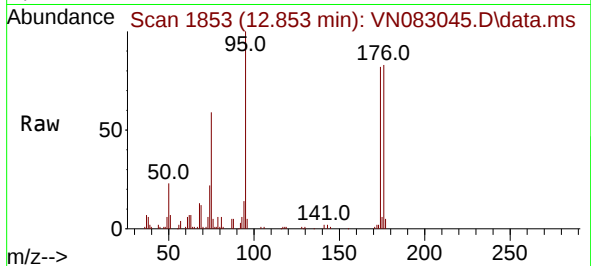




#62
4-Bromofluorobenzene
Concen: 42.936 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

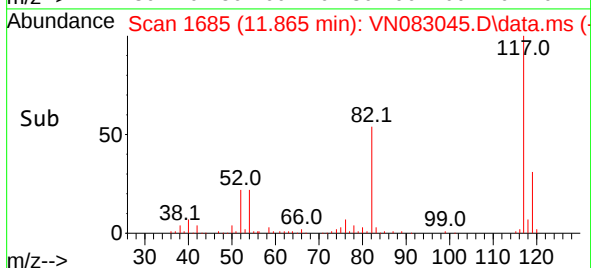
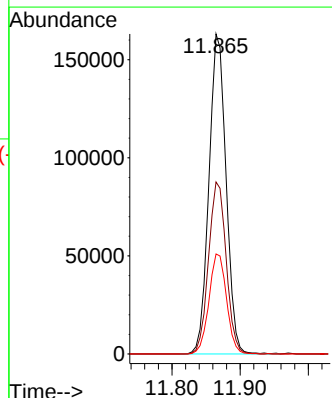
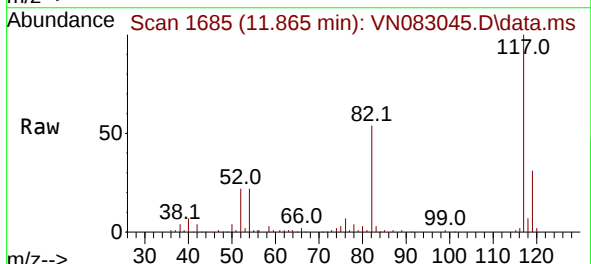
Instrument :
MSVOA_N
ClientSampleId :

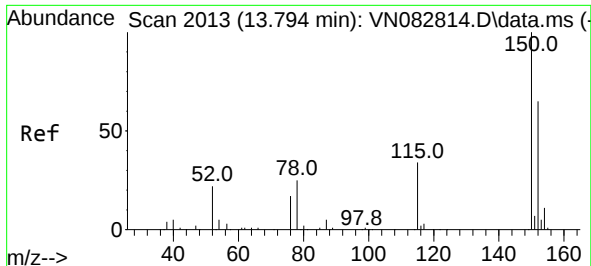
Tgt Ion: 95 Resp: 104865
Ion Ratio Lower Upper
95 100
174 83.5 0.0 159.2
176 81.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

Tgt Ion: 117 Resp: 285433
Ion Ratio Lower Upper
117 100
82 53.8 47.5 71.3
119 31.3 25.6 38.4

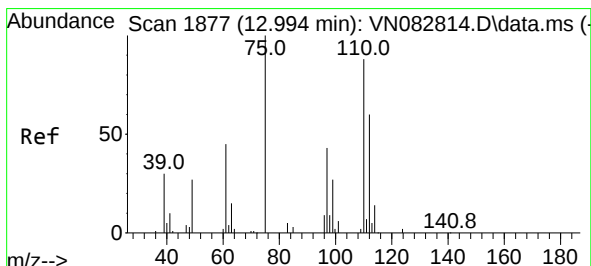
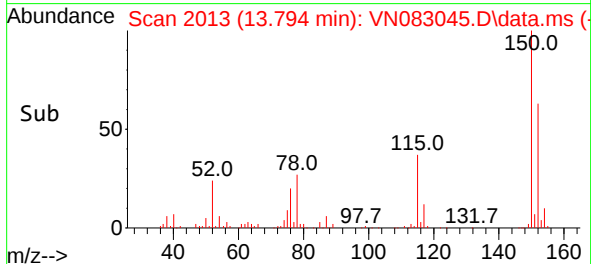
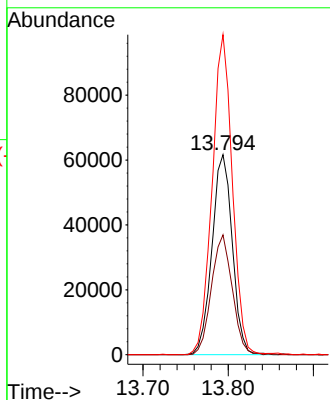
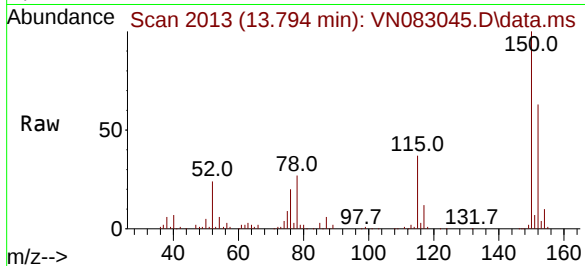




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083045.D
 Acq: 26 Jul 2024 12:33

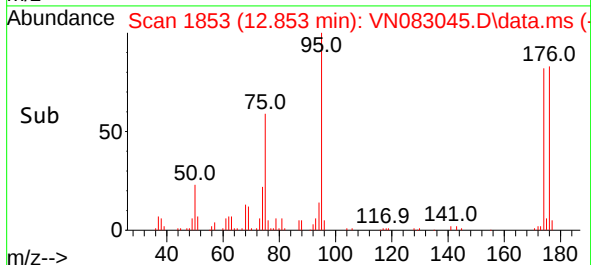
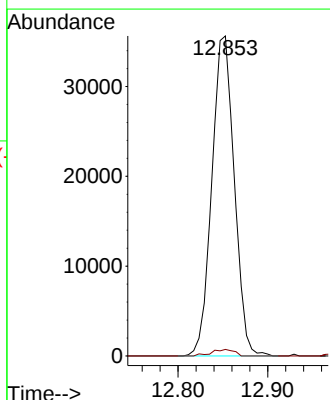
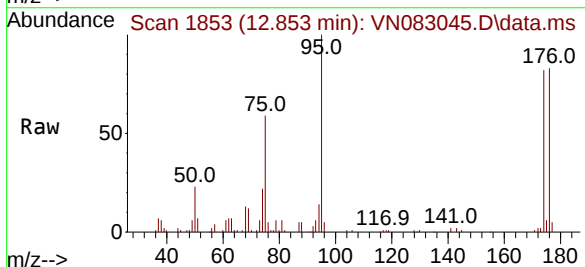
Instrument :
 MSVOA_N
 ClientSampleId :

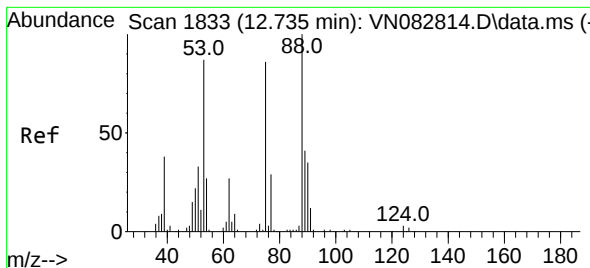
Tgt Ion:152 Resp: 102651
 Ion Ratio Lower Upper
 152 100
 115 61.1 30.6 91.6
 150 158.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 34.982 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN083045.D
 Acq: 26 Jul 2024 12:33

Tgt Ion: 75 Resp: 61909
 Ion Ratio Lower Upper
 75 100
 77 2.0 110.9 332.6#

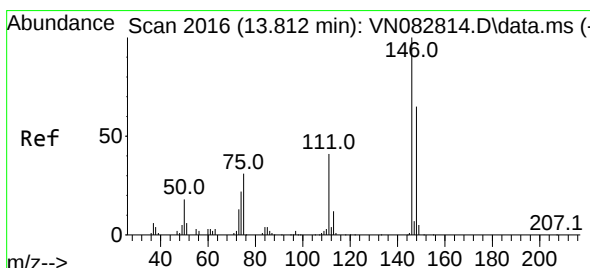
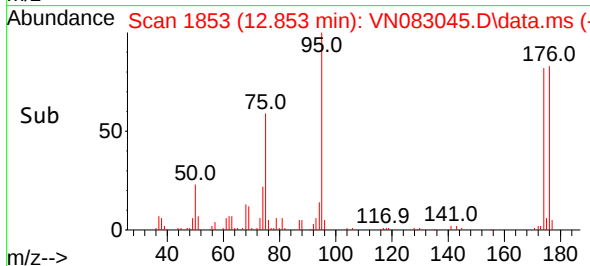
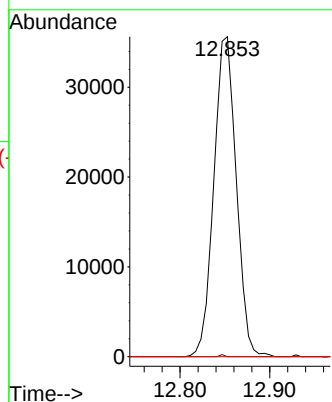
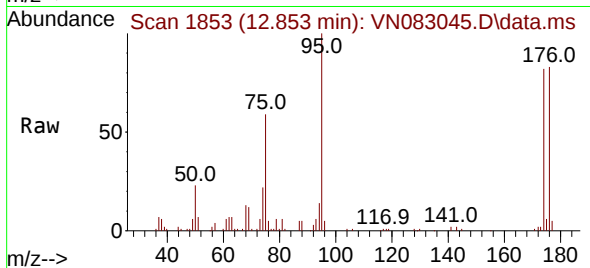




#81
trans-1,4-Dichloro-2-butene
Concen: 68.799 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

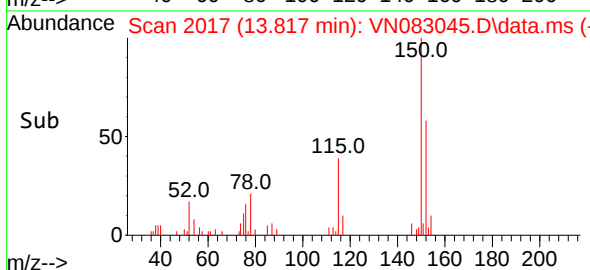
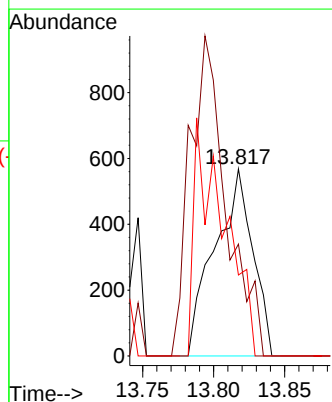
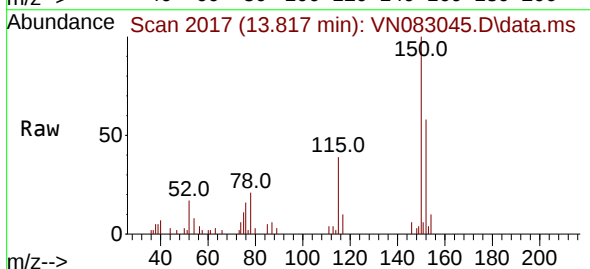
Instrument :
MSVOA_N
ClientSampleId :

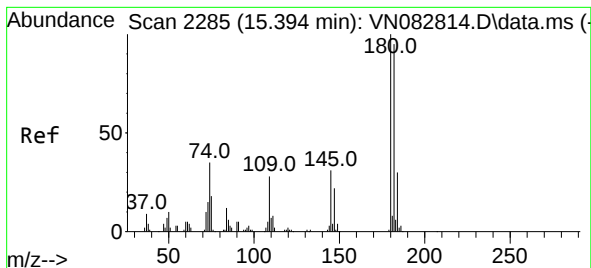
Tgt Ion: 75 Resp: 61909
Ion Ratio Lower Upper
75 100
53 0.1 88.4 132.6#
89 0.0 36.3 54.5#



#88
1,4-Dichlorobenzene
Concen: 0.294 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

Tgt Ion:146 Resp: 1056
Ion Ratio Lower Upper
146 100
111 0.0 20.1 60.3#
148 0.0 32.2 96.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.356 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083045.D

Acq: 26 Jul 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

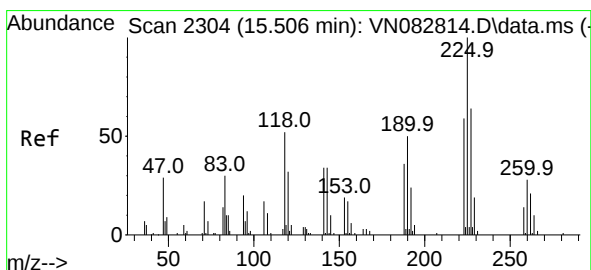
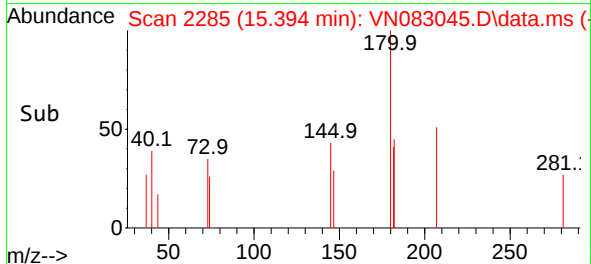
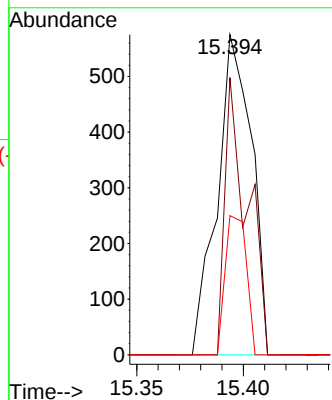
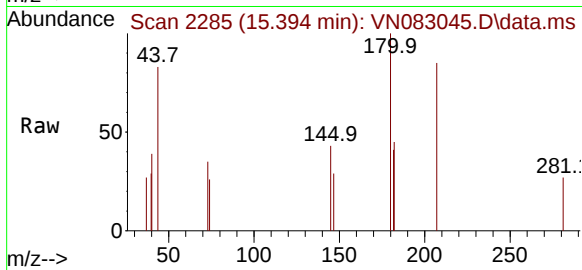
Tgt Ion:180 Resp: 647

Ion Ratio Lower Upper

180 100

182 56.4 47.3 141.8

145 26.7 15.7 47.1



#94

Hexachlorobutadiene

Concen: 0.448 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.001 min

Lab File: VN083045.D

Acq: 26 Jul 2024 12:33

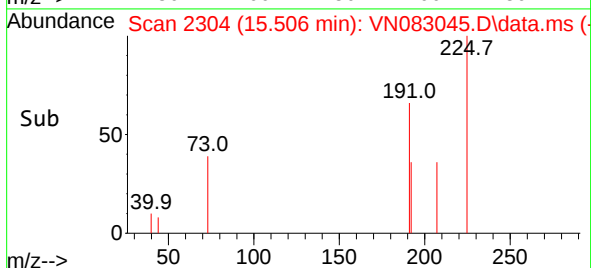
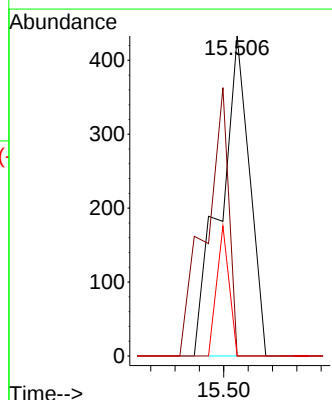
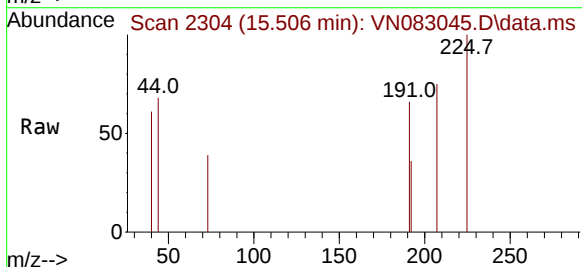
Tgt Ion:225 Resp: 361

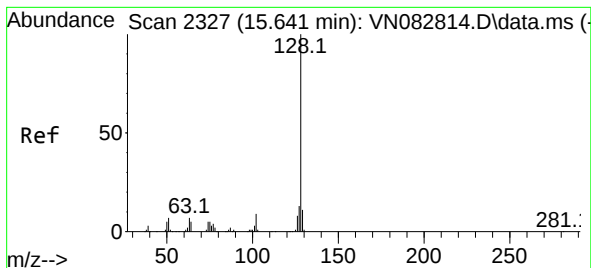
Ion Ratio Lower Upper

225 100

223 66.2 31.9 95.7

227 17.2 32.5 97.5#

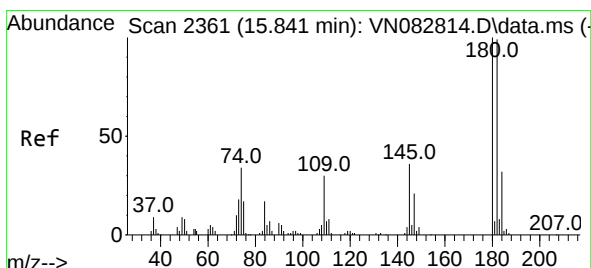
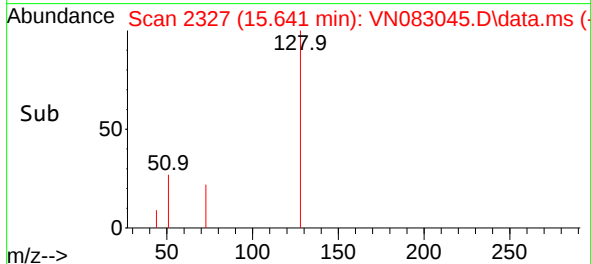
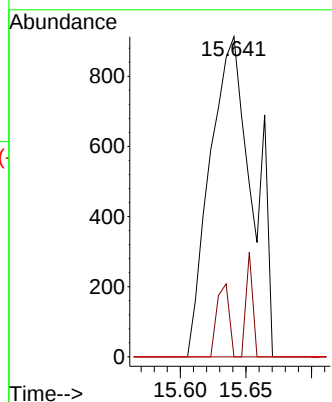
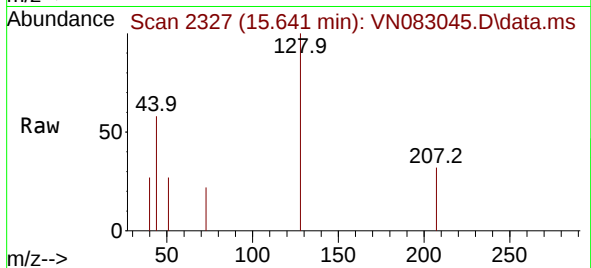




#95
Naphthalene
Concen: 0.330 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion	128	127	129
Resp:	2055		
Ion Ratio	100	6.6	0.0
Lower		10.6	8.6
Upper		16.0#	12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.431 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

Tgt Ion	180	182	145
Resp:	805		
Ion Ratio	100	61.9	10.1
Lower		48.9	16.8
Upper		146.8	50.4#

