

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077318.D
 Acq On : 13 Apr 2023 10:35
 Operator : JC\MD
 Sample : VN0413WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBL01

Quant Time: Apr 14 07:22:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

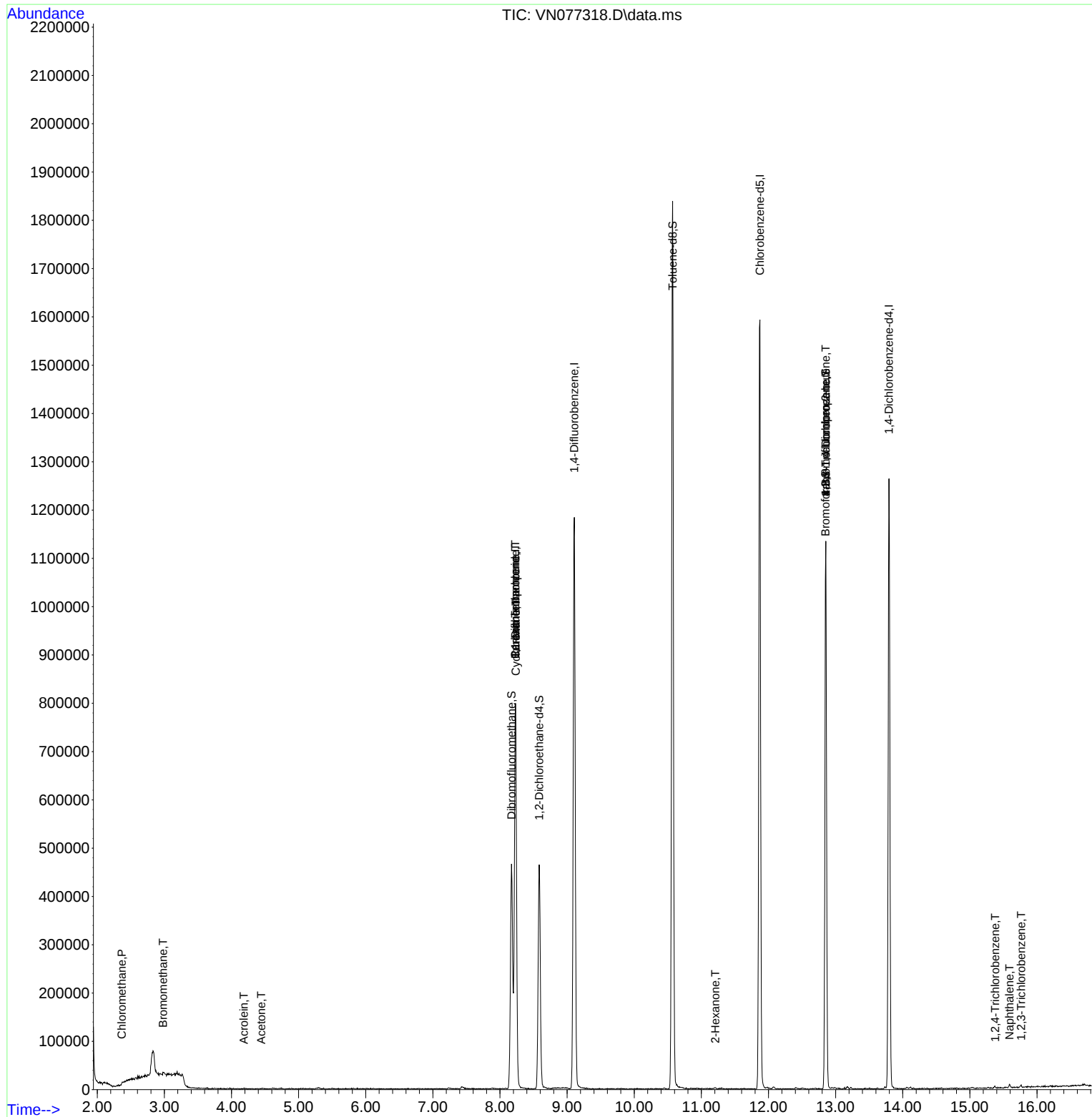
Internal Standards						
1) Pentafluorobenzene	8.231	168	575139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1101296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	971075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	339374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	353600	44.984	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.960%
35) Dibromofluoromethane	8.172	113	330073	46.818	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.640%
50) Toluene-d8	10.572	98	1345043	47.391	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.780%
62) 4-Bromofluorobenzene	12.854	95	395285	41.876	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.760%
Target Compounds						
					Qvalue	
3) Chloromethane	2.366	50	2318	0.255	ug/l #	67
5) Bromomethane	2.978	94	4311	0.482	ug/l #	51
13) Acrolein	4.184	56	725	0.477	ug/l	86
16) Acetone	4.443	43	1721	0.594	ug/l #	39
31) Cyclohexane	8.237	56	13531	1.108	ug/l #	1
36) 1,1-Dichloropropene	8.231	75	51033	4.894	ug/l #	49
38) Carbon Tetrachloride	8.231	117	63562	5.950	ug/l #	15
59) 2-Hexanone	11.207	43	2479	0.334	ug/l	62
71) Bromoform	12.848	173	1470	0.258	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	213072	26.366	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	213072	59.332	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.377	180	981	0.219	ug/l	77
95) Naphthalene	15.589	128	5189	0.308	ug/l	98
96) 1,2,3-Trichlorobenzene	15.766	180	1334	0.311	ug/l	87

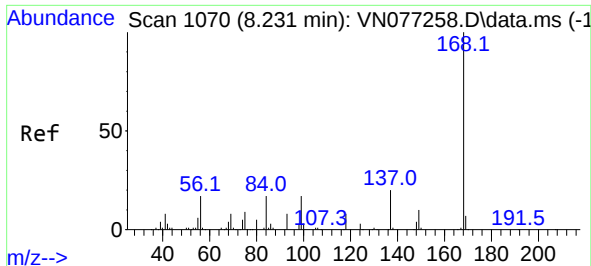
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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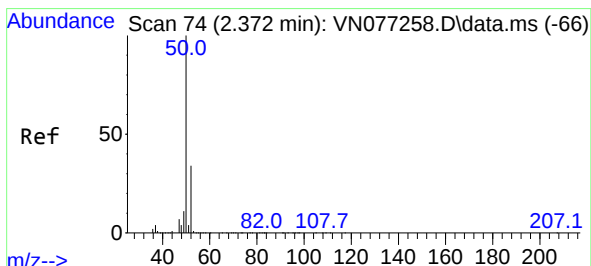
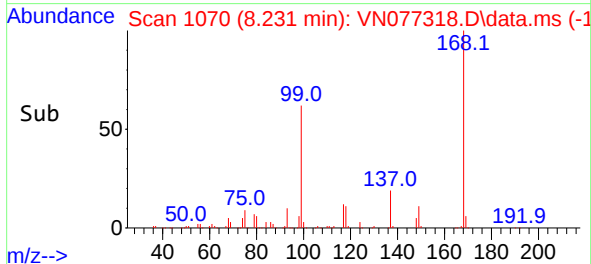
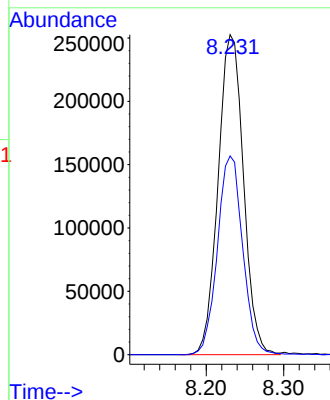
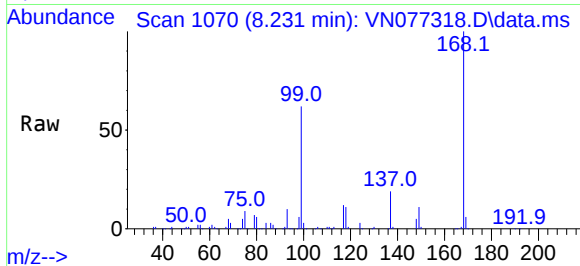




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

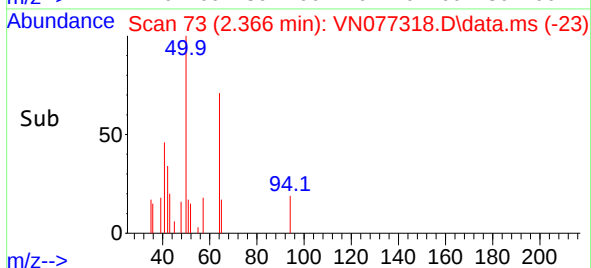
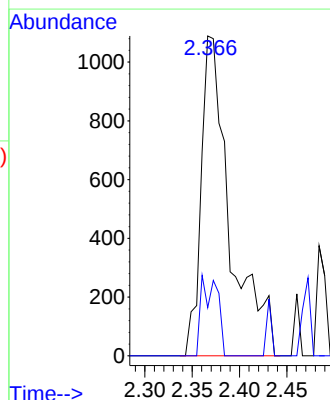
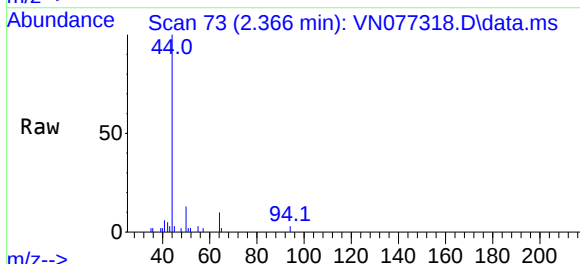
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

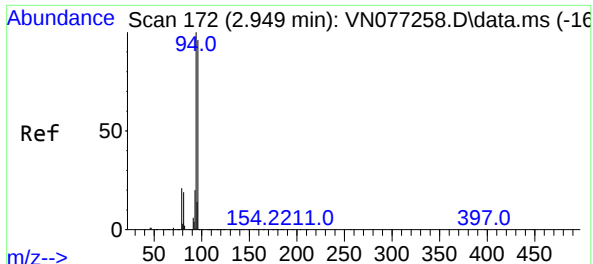
Tgt Ion:168 Resp: 575139
Ion Ratio Lower Upper
168 100
99 62.0 50.6 75.8



#3
Chloromethane
Concen: 0.255 ug/l
RT: 2.366 min Scan# 73
Delta R.T. -0.006 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

Tgt Ion: 50 Resp: 2318
Ion Ratio Lower Upper
50 100
52 15.1 27.3 40.9#

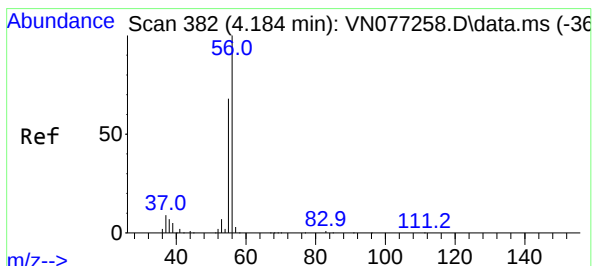
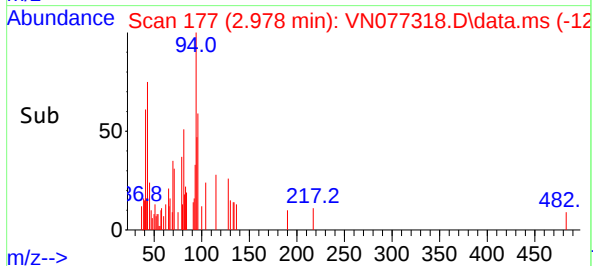
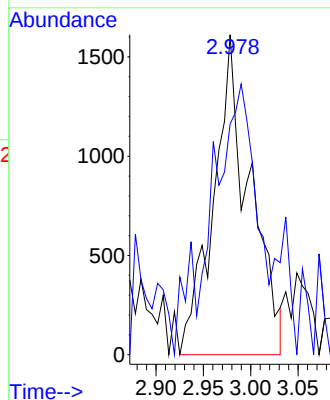
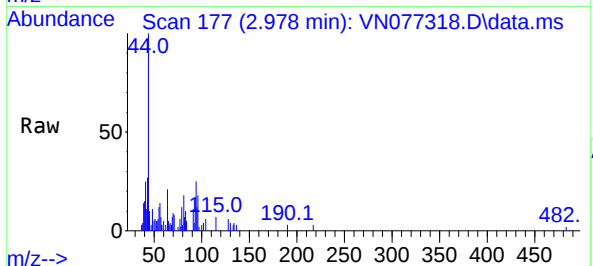




#5
Bromomethane
Concen: 0.482 ug/l
RT: 2.978 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

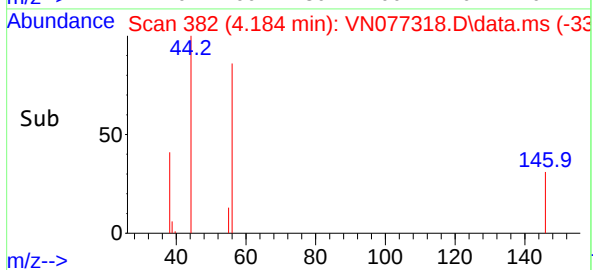
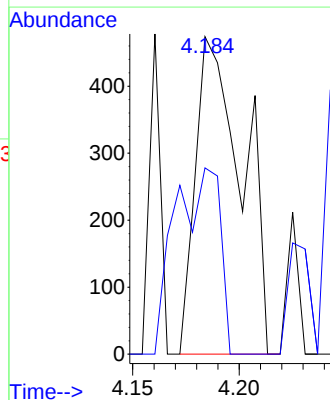
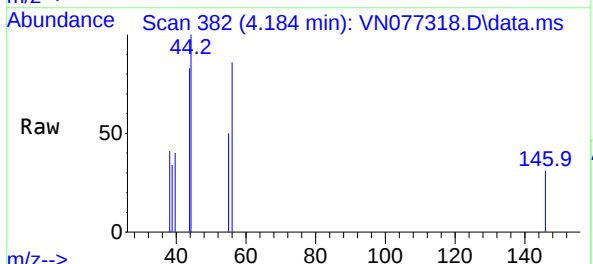
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

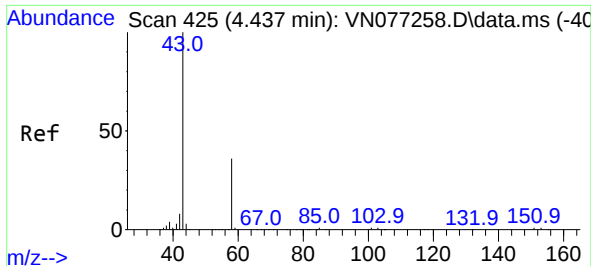
Tgt Ion: 94 Resp: 4311
Ion Ratio Lower Upper
94 100
96 47.9 77.0 115.4#



#13
Acrolein
Concen: 0.477 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

Tgt Ion: 56 Resp: 725
Ion Ratio Lower Upper
56 100
55 56.3 54.2 81.2

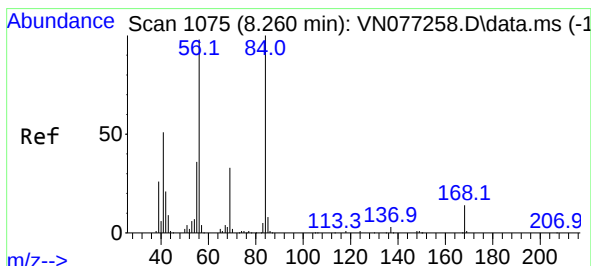
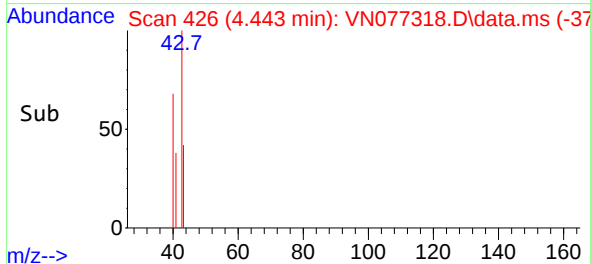
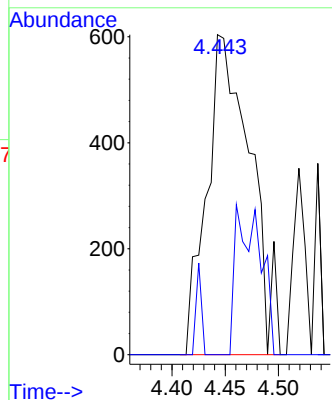
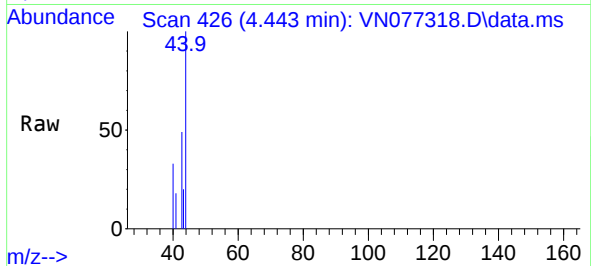




#16
Acetone
Concen: 0.594 ug/l
RT: 4.443 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

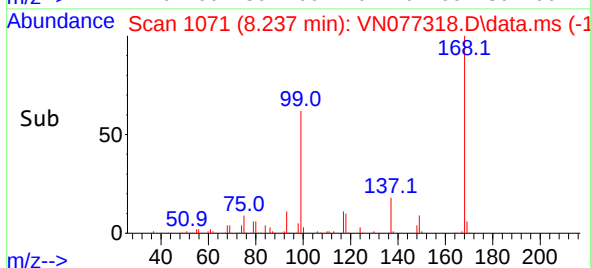
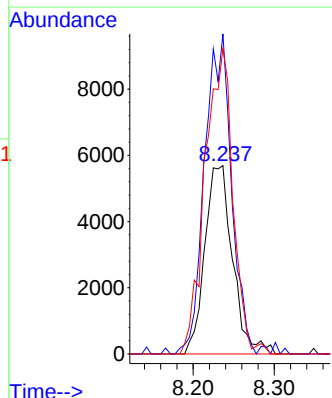
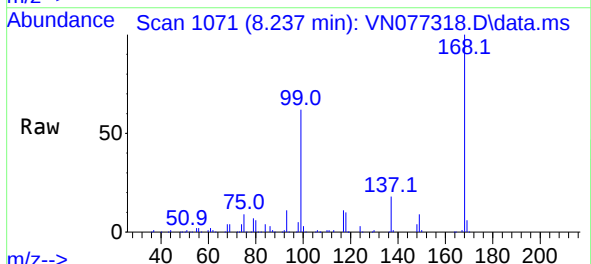
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

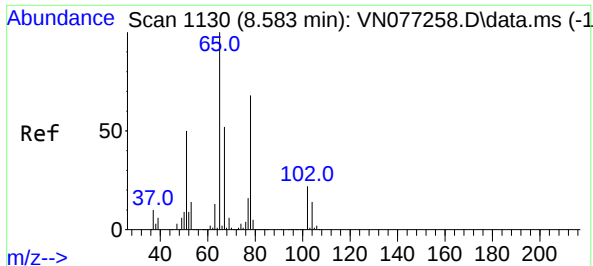
Tgt Ion: 43 Resp: 1721
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#



#31
Cyclohexane
Concen: 1.108 ug/l
RT: 8.237 min Scan# 1071
Delta R.T. -0.023 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

Tgt Ion: 56 Resp: 13531
Ion Ratio Lower Upper
56 100
69 170.0 26.6 40.0#
84 162.1 81.8 122.8#

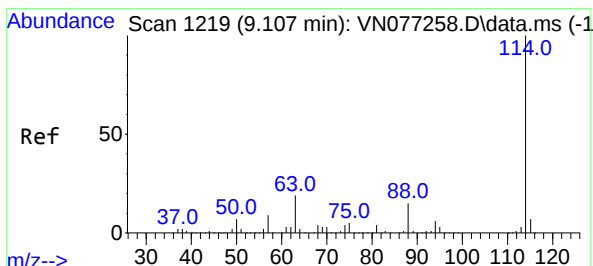
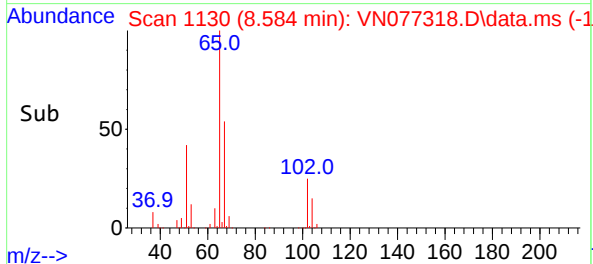
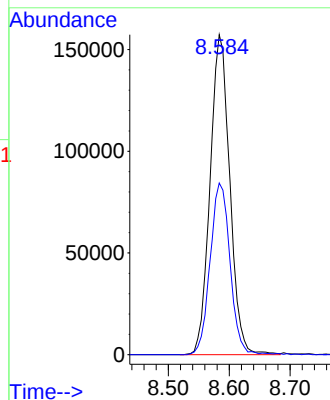
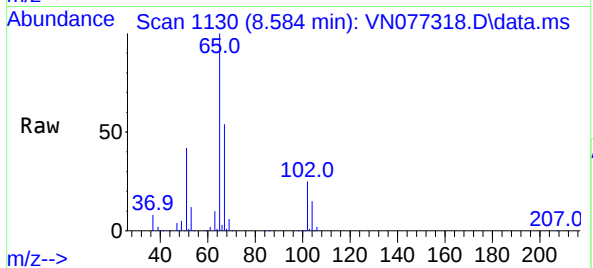




#33
1,2-Dichloroethane-d4
Concen: 44.984 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

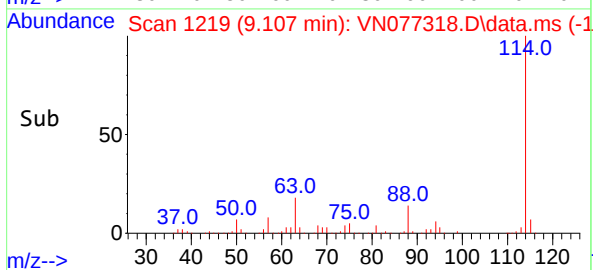
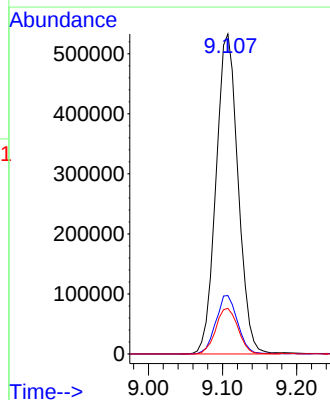
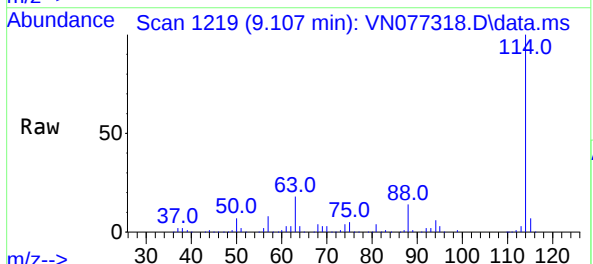
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

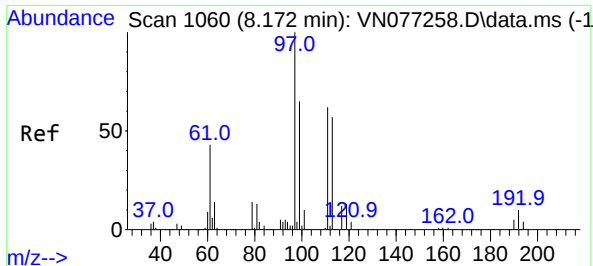
Tgt Ion: 65 Resp: 353600
Ion Ratio Lower Upper
65 100
67 54.3 0.0 108.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

Tgt Ion: 114 Resp: 1101296
Ion Ratio Lower Upper
114 100
63 18.2 0.0 37.8
88 14.2 0.0 29.4



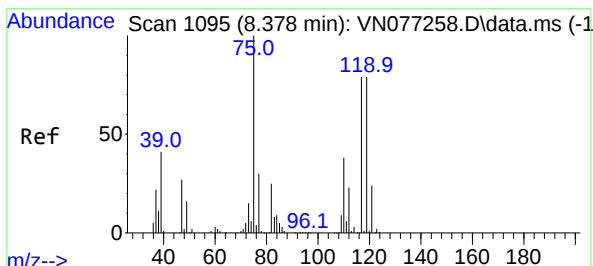
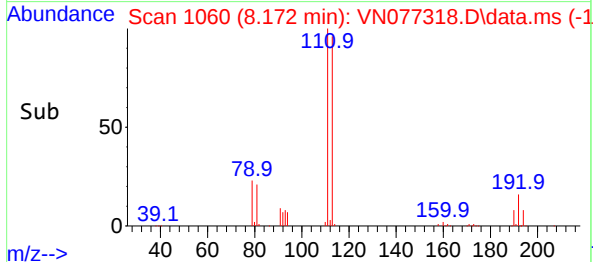
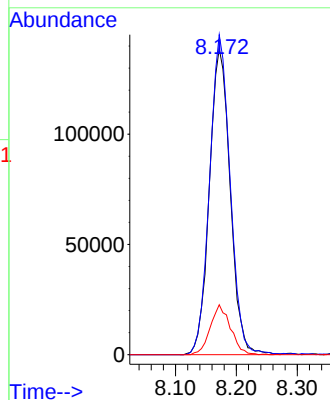
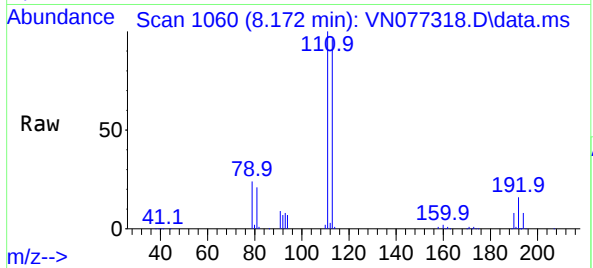


#35
Dibromofluoromethane
Concen: 46.818 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

Tgt Ion: 113 Resp: 330073

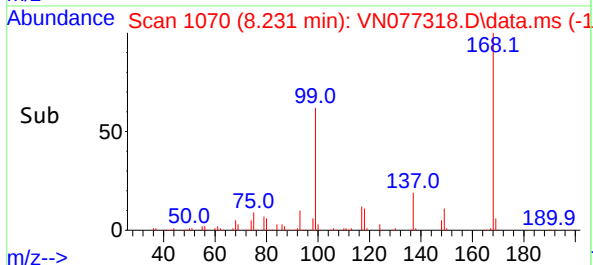
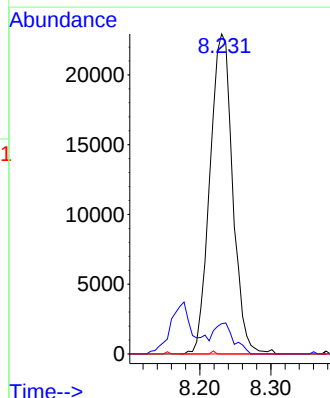
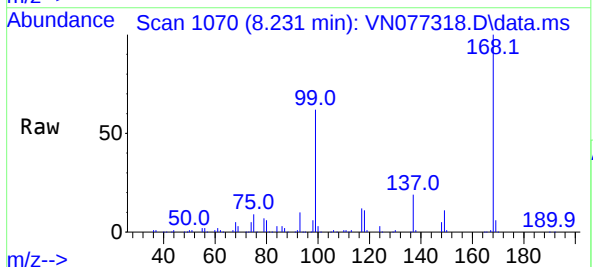
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.0
192	15.8	13.5	20.3

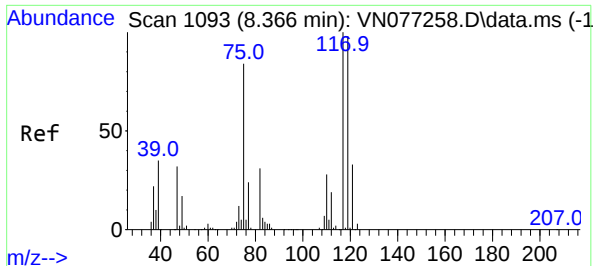


#36
1,1-Dichloropropene
Concen: 4.894 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

Tgt Ion: 75 Resp: 51033

Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.8	53.5#
77	0.2	25.0	37.4#

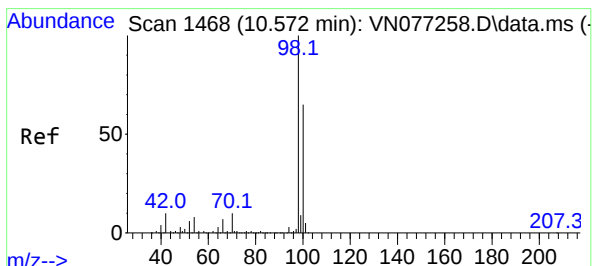
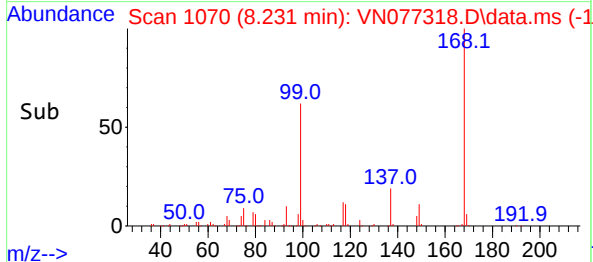
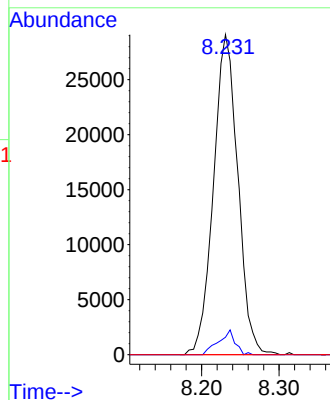
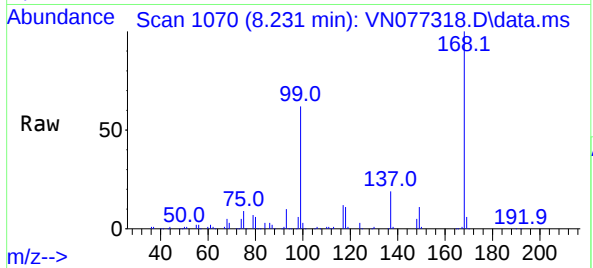




#38
Carbon Tetrachloride
Concen: 5.950 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

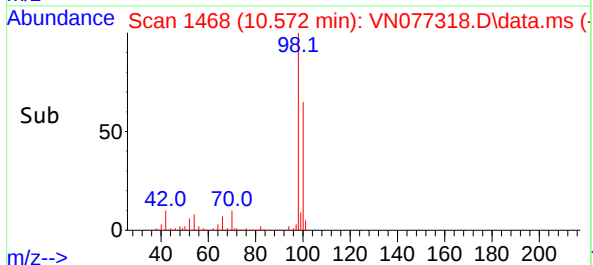
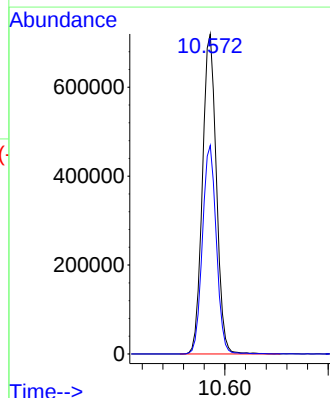
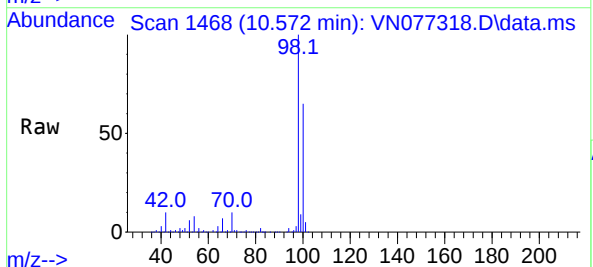
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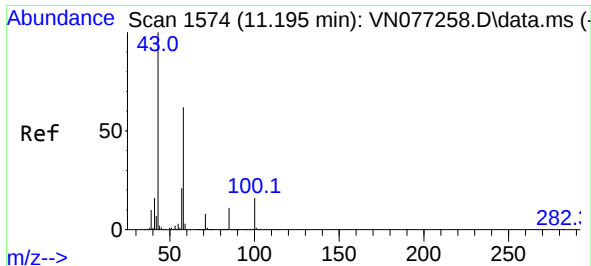
Tgt Ion:117 Resp: 63562
Ion Ratio Lower Upper
117 100
119 5.5 78.5 117.7#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 47.391 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

Tgt Ion: 98 Resp: 1345043
Ion Ratio Lower Upper
98 100
100 65.0 51.3 76.9

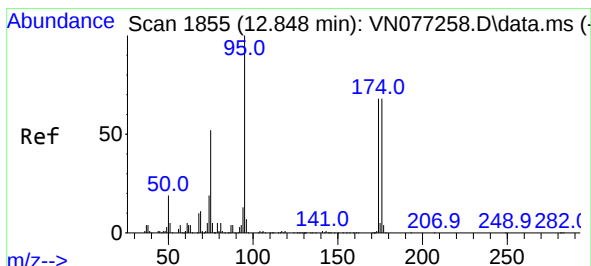
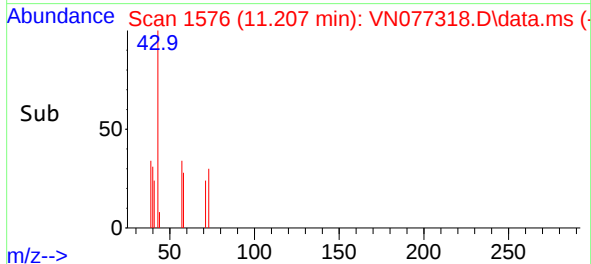
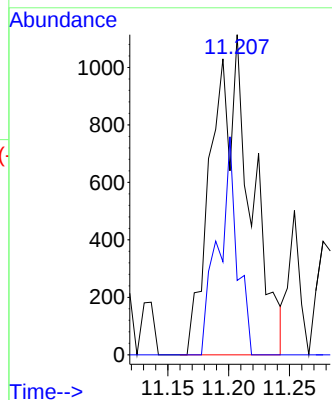
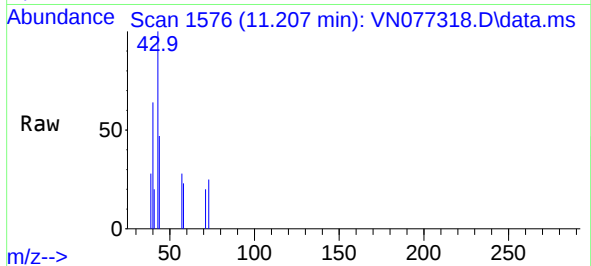




#59
2-Hexanone
Concen: 0.334 ug/l
RT: 11.207 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

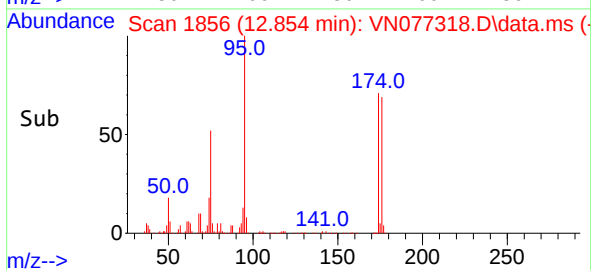
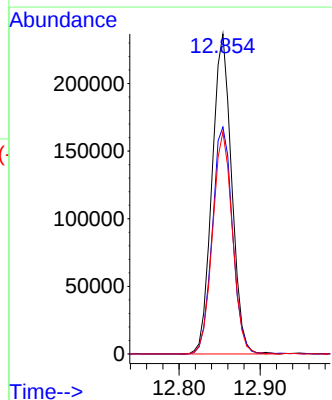
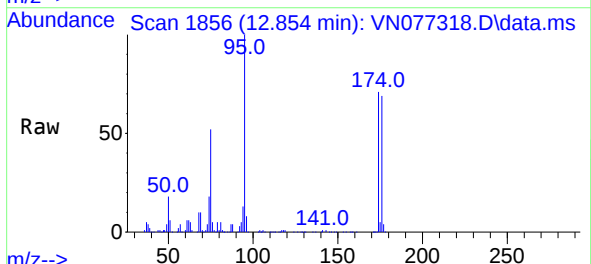
Instrument :
MSVOA_N
ClientSampleId :
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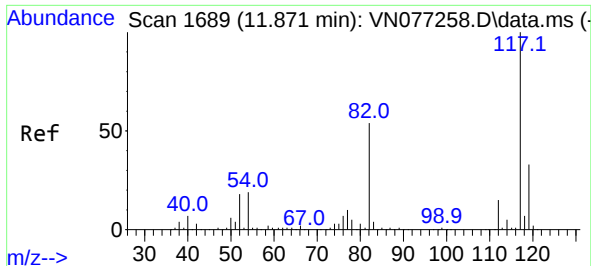
Tgt Ion: 43 Resp: 2479
Ion Ratio Lower Upper
43 100
58 32.8 30.9 92.5



#62
4-Bromofluorobenzene
Concen: 41.876 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

Tgt Ion: 95 Resp: 395285
Ion Ratio Lower Upper
95 100
174 73.2 0.0 146.8
176 70.3 0.0 139.6

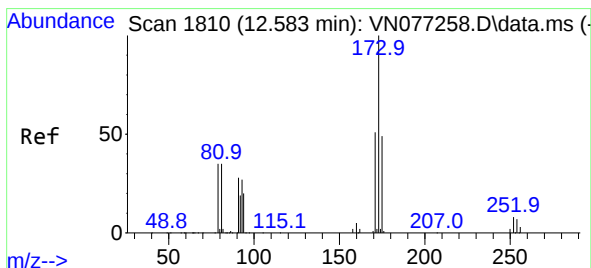
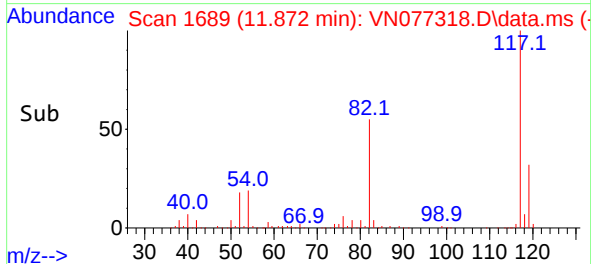
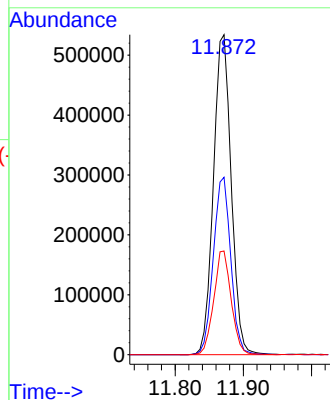
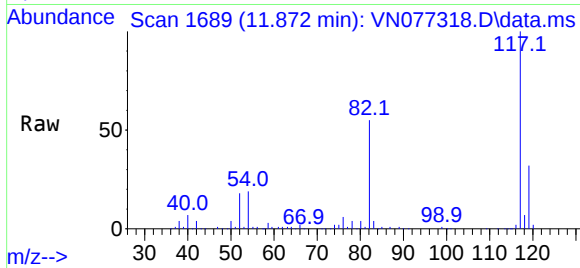




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

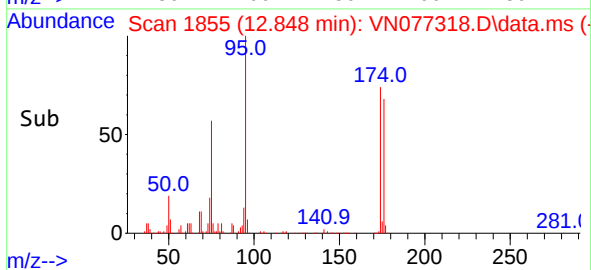
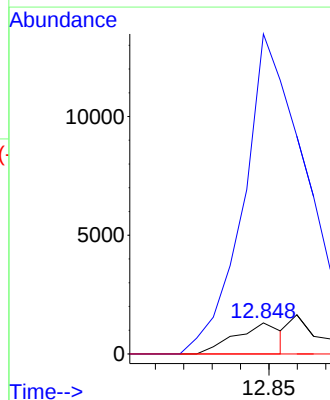
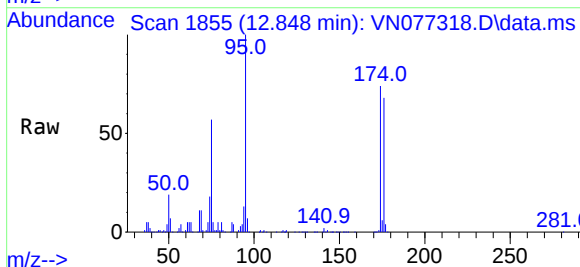
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

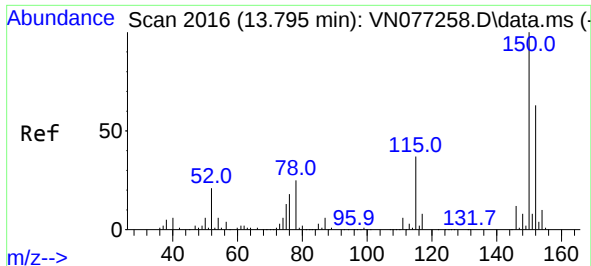
Tgt Ion:117 Resp: 971075
Ion Ratio Lower Upper
117 100
82 55.4 42.9 64.3
119 32.4 26.2 39.4



#71
Bromoform
Concen: 0.258 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.265 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

Tgt Ion:173 Resp: 1470
Ion Ratio Lower Upper
173 100
175 1129.0 24.1 72.4#
254 0.0 0.1 0.1#

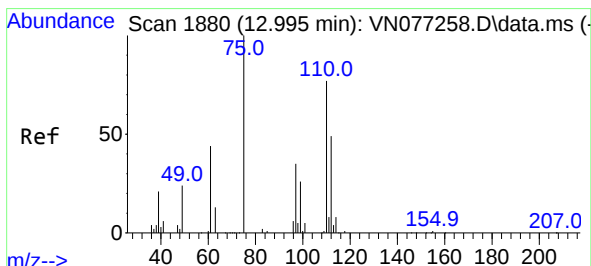
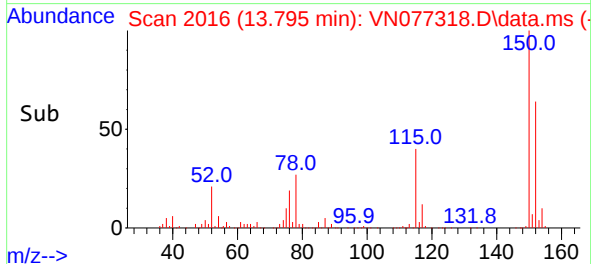
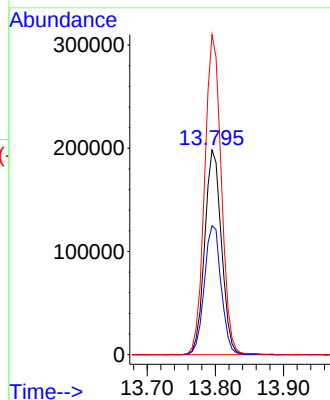
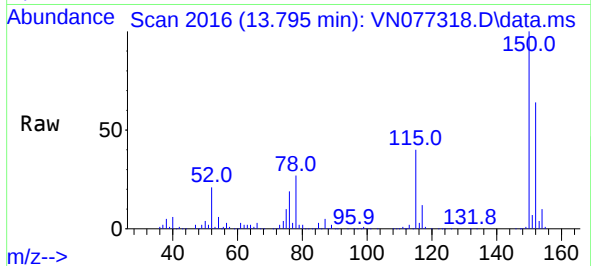




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

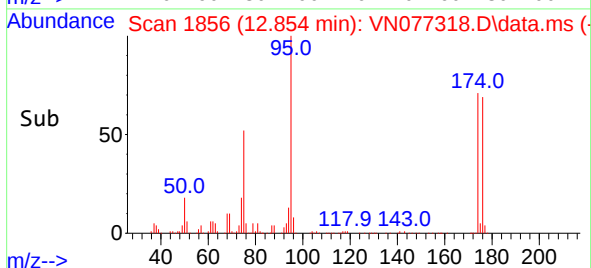
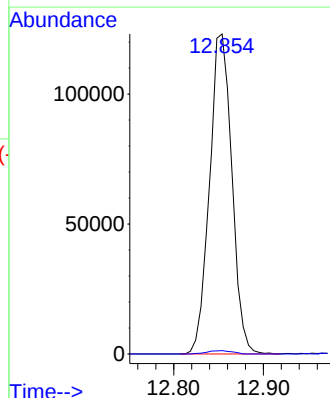
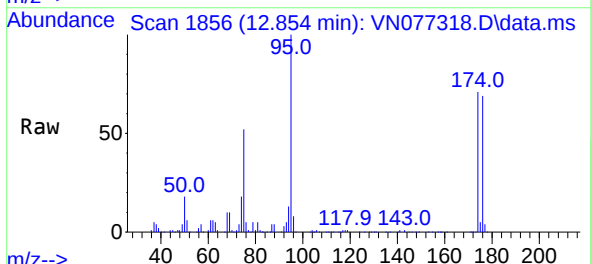
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

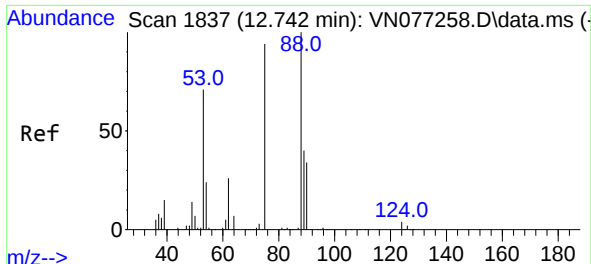
Tgt Ion:152 Resp: 339374
Ion Ratio Lower Upper
152 100
115 63.3 32.1 96.3
150 155.5 0.0 354.8



#76
1,2,3-Trichloropropane
Concen: 26.366 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

Tgt Ion: 75 Resp: 213072
Ion Ratio Lower Upper
75 100
77 1.1 88.3 264.9#

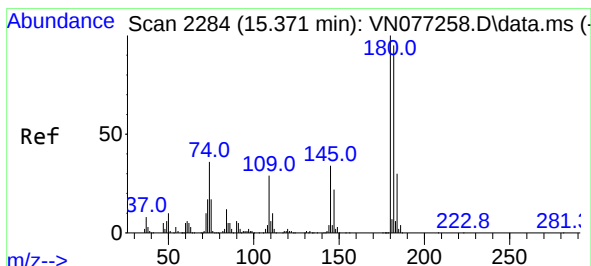
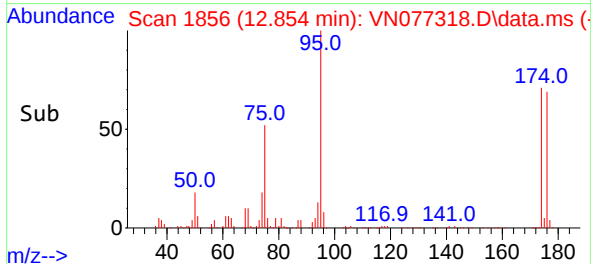
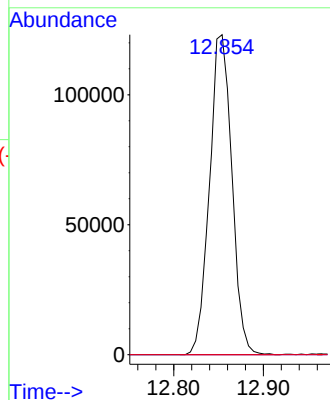
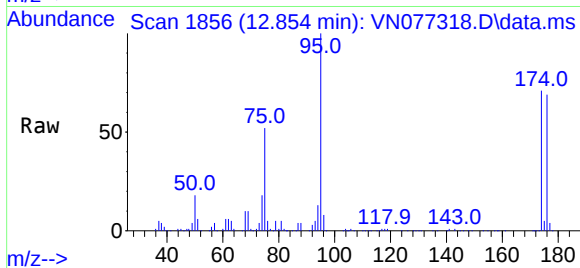




#81
trans-1,4-Dichloro-2-butene
Concen: 59.332 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

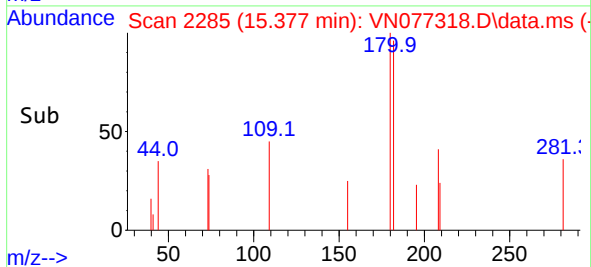
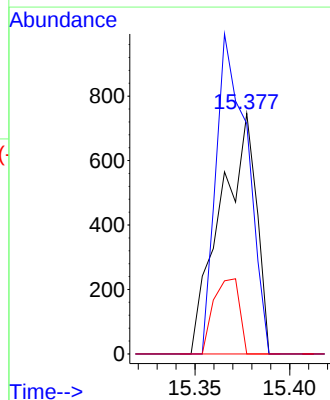
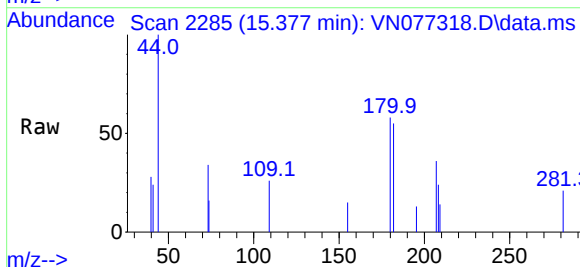
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

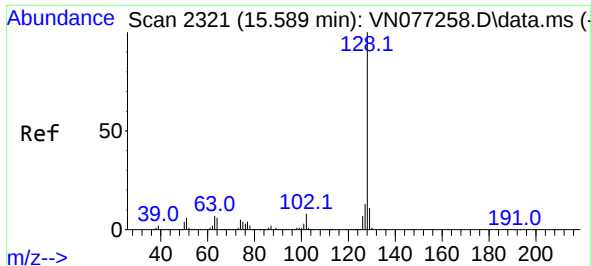
Tgt Ion: 75 Resp: 213072
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.0 37.4 56.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.219 ug/l
RT: 15.377 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

Tgt Ion:180 Resp: 981
Ion Ratio Lower Upper
180 100
182 116.2 46.7 140.0
145 22.5 16.6 49.8

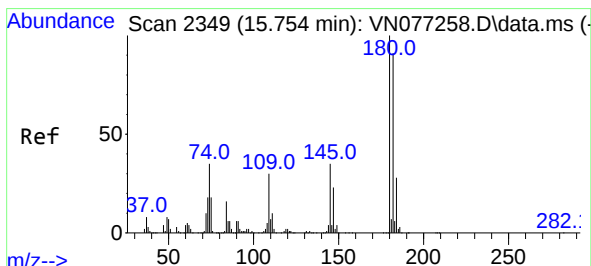
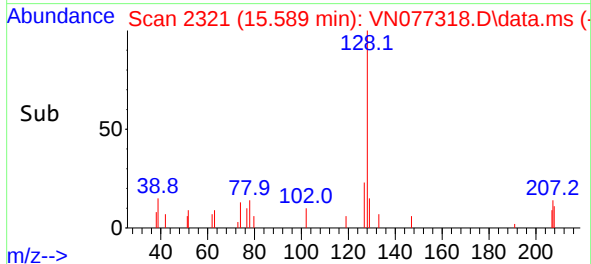
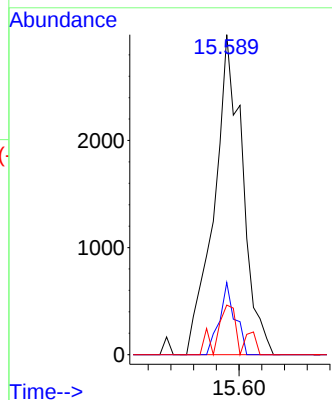
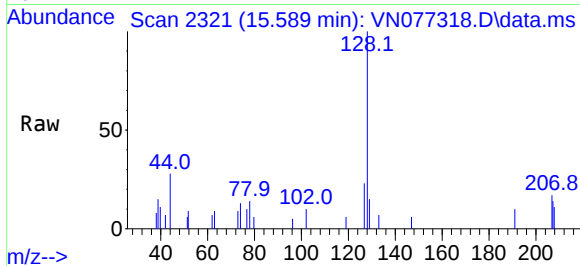




#95
Naphthalene
Concen: 0.308 ug/l
RT: 15.589 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

Tgt Ion:	128	Resp:	5189
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.4
129	12.6	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 0.311 ug/l
RT: 15.766 min Scan# 2351
Delta R.T. 0.012 min
Lab File: VN077318.D
Acq: 13 Apr 2023 10:35

Tgt Ion:	180	Resp:	1334
Ion	Ratio	Lower	Upper
180	100		
182	84.9	46.9	140.8
145	22.5	17.6	52.8

