

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075713.D
 Acq On : 17 Apr 2023 21:03
 Operator : KP/SY
 Sample : 02270-16
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19-5-7-20230411

Quant Time: Apr 18 01:19:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

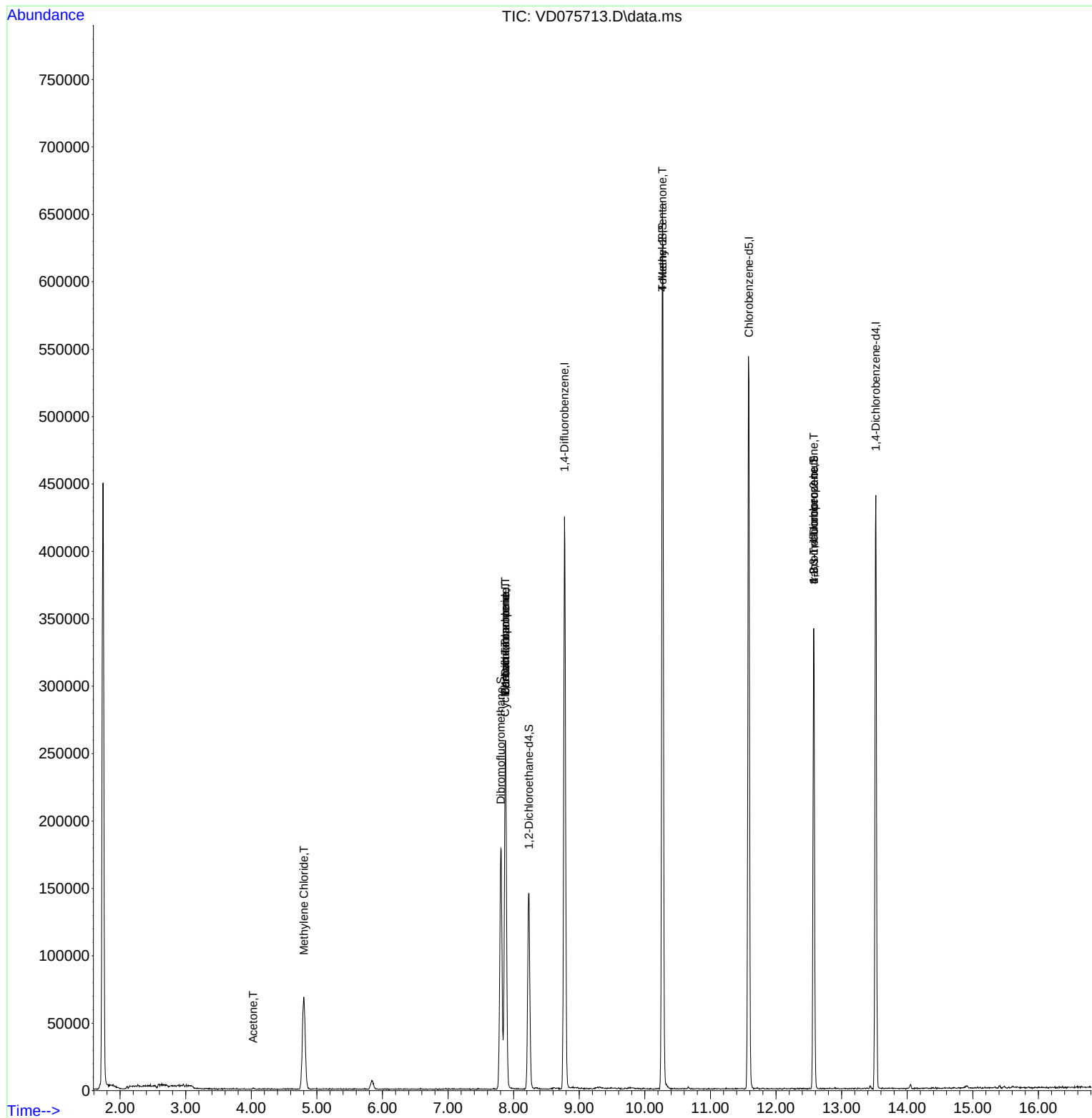
Internal Standards						
1) Pentafluorobenzene	7.875	168	213848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	407028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	349480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	128234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	112680	55.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.020%	
35) Dibromofluoromethane	7.804	113	133579	48.793	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.580%	
50) Toluene-d8	10.269	98	481338	43.905	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.800%	
62) 4-Bromofluorobenzene	12.575	95	110241	37.832	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.660%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	830	2.232	ug/l #	44
20) Methylene Chloride	4.805	84	62606	18.895	ug/l #	71
31) Cyclohexane	7.869	56	3724	1.169	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	16083	4.258	ug/l #	45
38) Carbon Tetrachloride	7.875	117	19647	5.907	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	1384	1.238	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	53156	50.831	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	53156	110.172	ug/l #	5

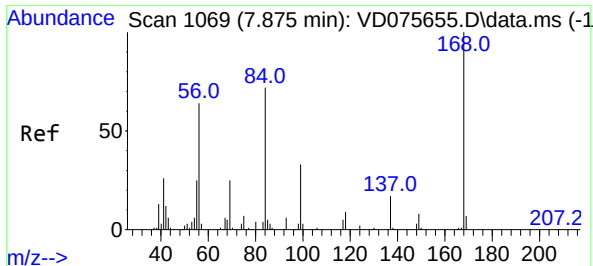
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
Data File : VD075713.D
Acq On : 17 Apr 2023 21:03
Operator : KP/SY
Sample : 02270-16
Misc : 5.14G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-19-5-7-20230411

Quant Time: Apr 18 01:19:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

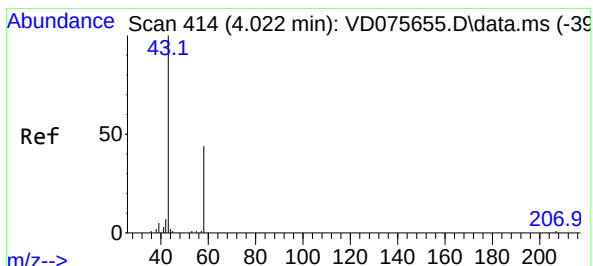
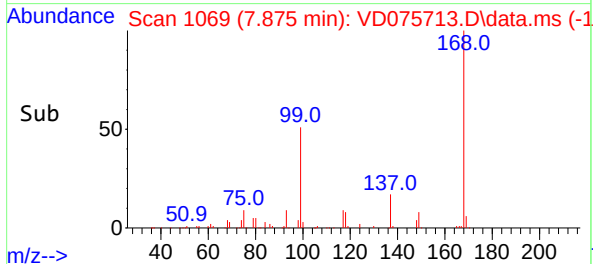
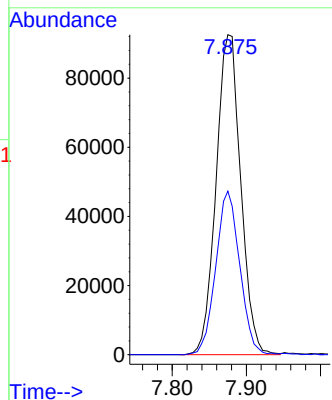
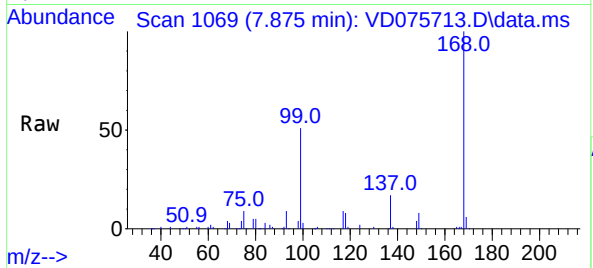




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

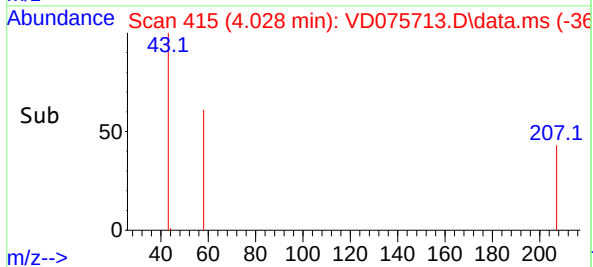
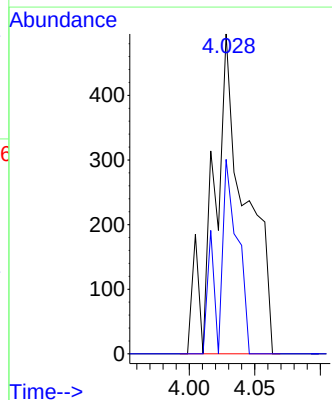
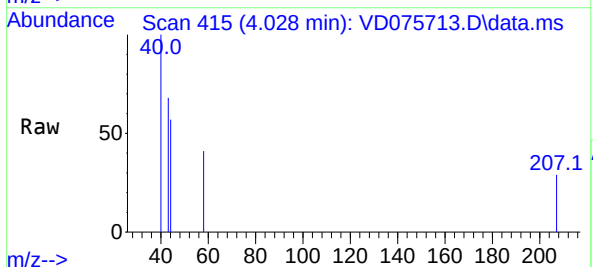
Instrument :
MSVOA_D
ClientSampleId :
SB-19-5-7-20230411

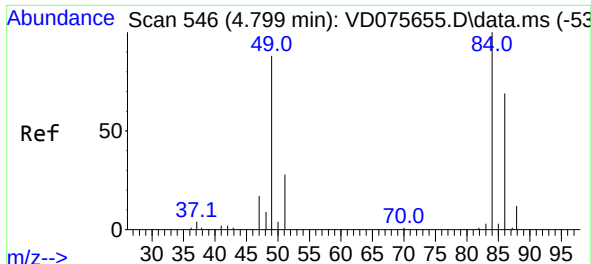
Tgt Ion:168 Resp: 213848
Ion Ratio Lower Upper
168 100
99 51.1 43.8 65.6



#16
Acetone
Concen: 2.232 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
58 60.8 24.4 36.6#

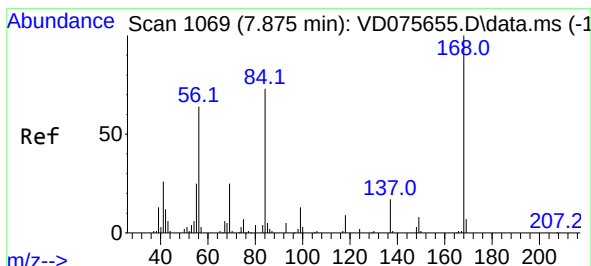
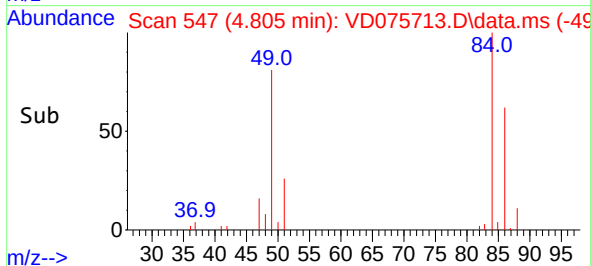
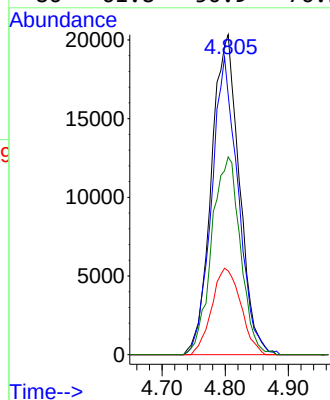
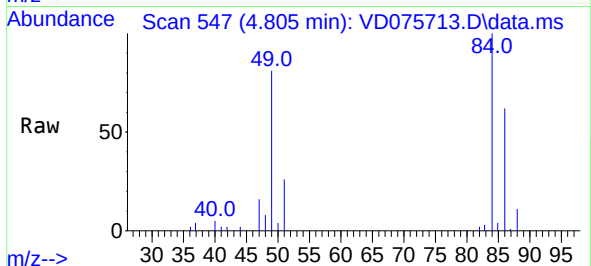




#20
Methylene Chloride
Concen: 18.895 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

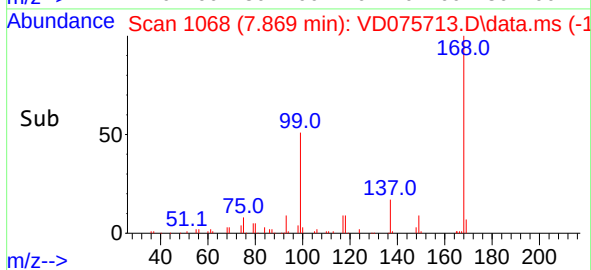
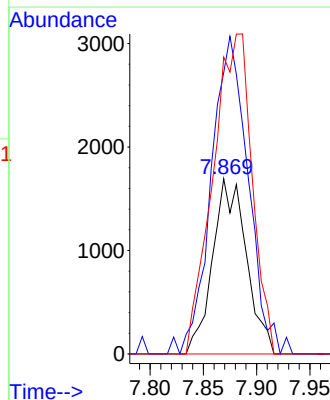
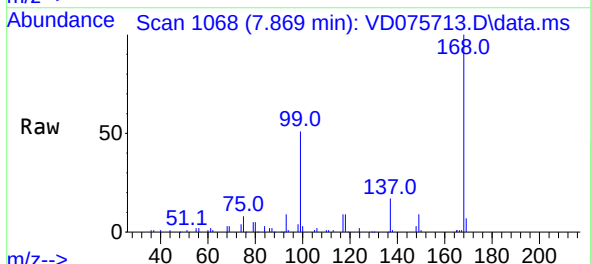
Instrument :
MSVOA_D
ClientSampleId :
SB-19-5-7-20230411

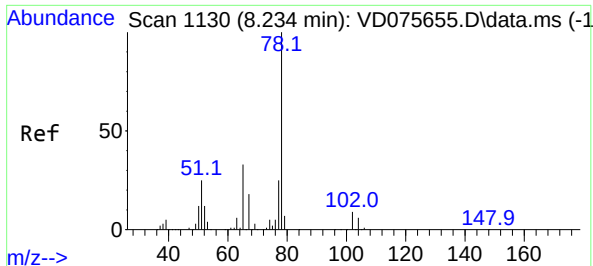
Tgt Ion: 84	Resp: 62606
Ion Ratio	Lower Upper
84 100	
49 81.1	106.4 159.6#
51 26.2	32.4 48.6#
86 61.8	50.9 76.3



#31
Cyclohexane
Concen: 1.169 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

Tgt Ion: 56	Resp: 3724		
Ion Ratio	Lower	Upper	
56	100		
69	160.5	25.5	38.3#
84	169.5	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 55.512 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075713.D

Acq: 17 Apr 2023 21:03

Instrument :

MSVOA_D

ClientSampleId :

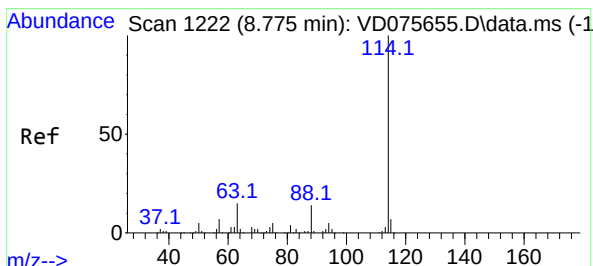
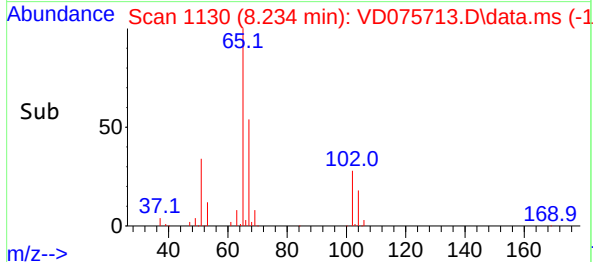
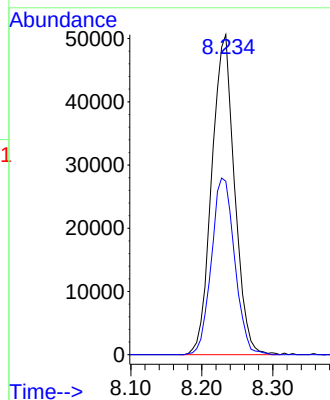
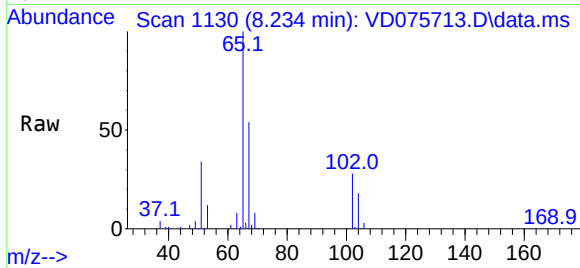
SB-19-5-7-20230411

Tgt Ion: 65 Resp: 112680

Ion Ratio Lower Upper

65 100

67 56.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075713.D

Acq: 17 Apr 2023 21:03

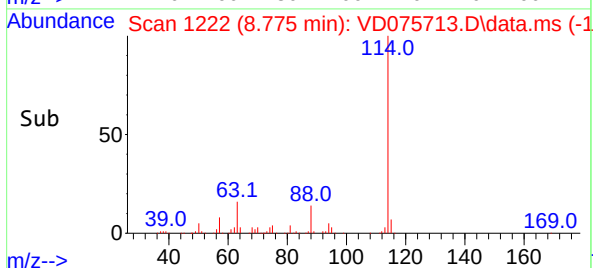
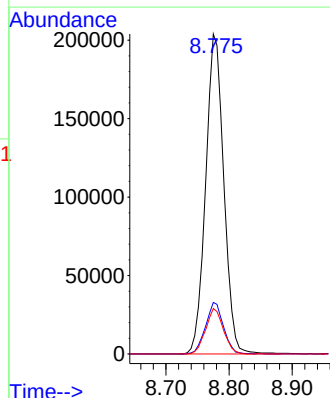
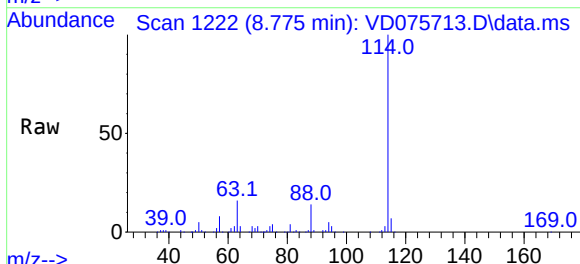
Tgt Ion: 114 Resp: 407028

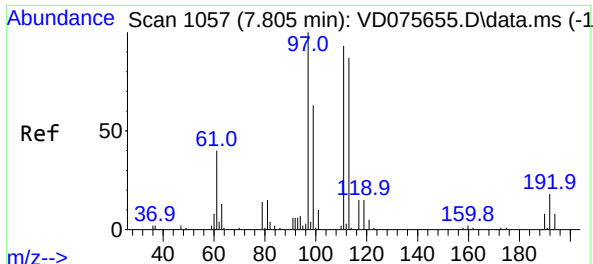
Ion Ratio Lower Upper

114 100

63 16.1 0.0 41.6

88 14.2 0.0 30.6



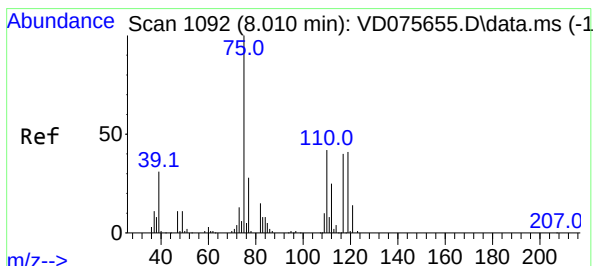
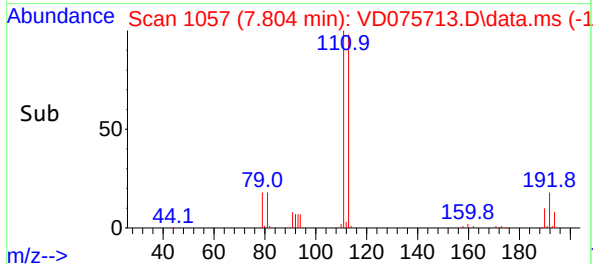
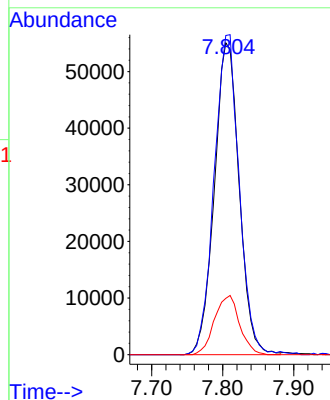
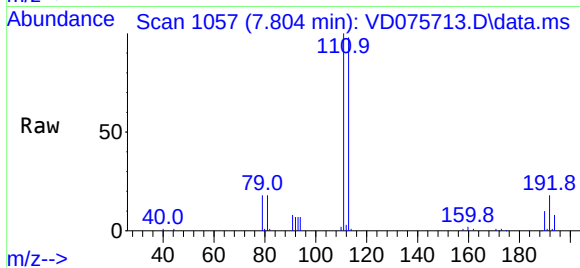


#35
Dibromofluoromethane
Concen: 48.793 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

Instrument :
MSVOA_D
ClientSampleId :
SB-19-5-7-20230411

Tgt Ion: 113 Resp: 133579

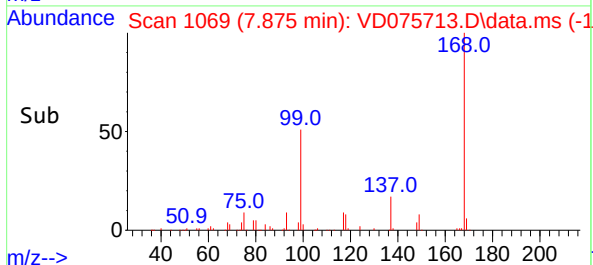
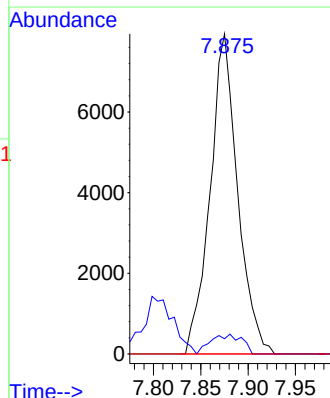
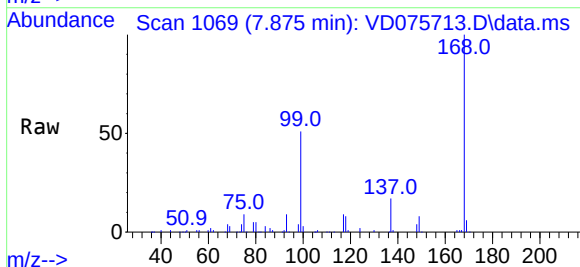
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.0
192	19.2	15.2	22.8

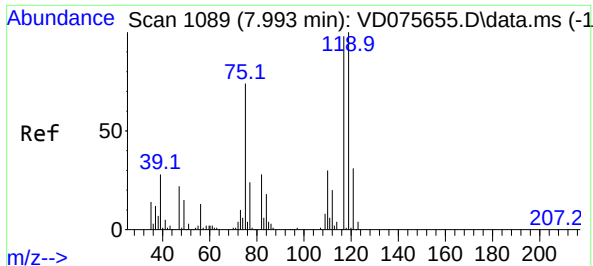


#36
1,1-Dichloropropene
Concen: 4.258 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

Tgt Ion: 75 Resp: 16083

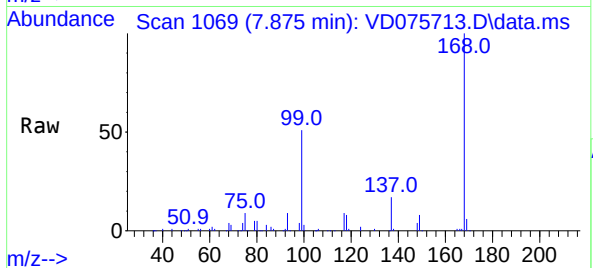
Ion	Ratio	Lower	Upper
75	100		
110	3.6	17.1	51.2#
77	0.0	24.6	36.8#



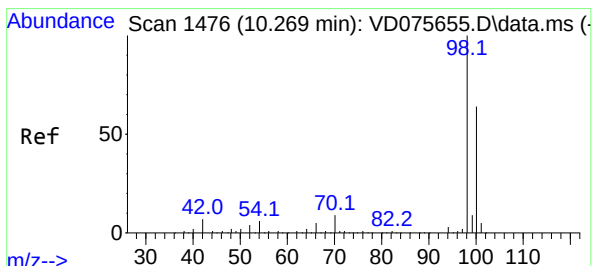
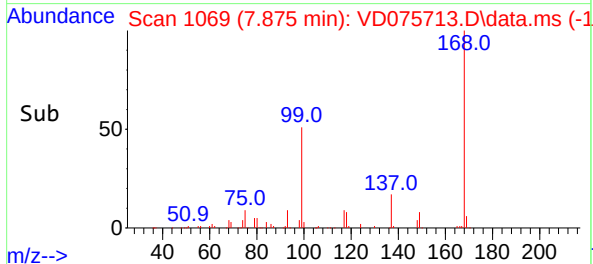
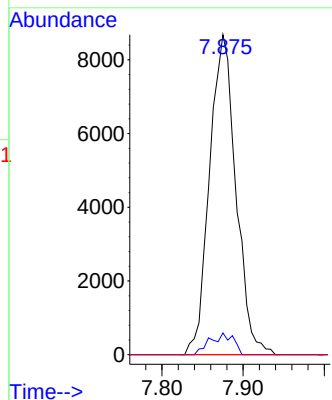


#38
Carbon Tetrachloride
Concen: 5.907 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

Instrument :
MSVOA_D
ClientSampleId :
SB-19-5-7-20230411

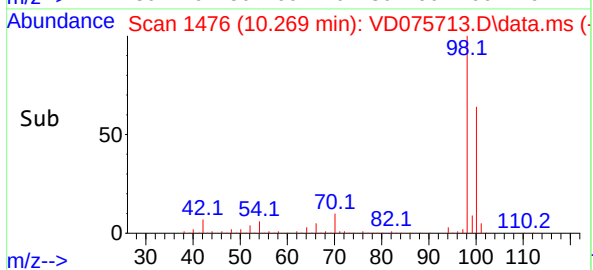
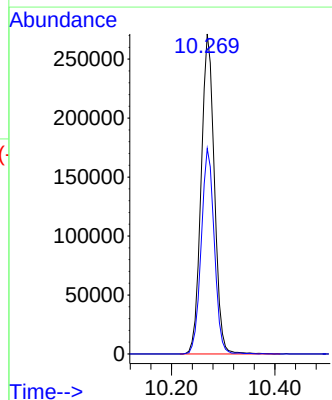
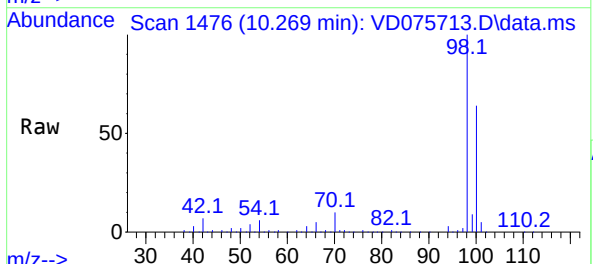


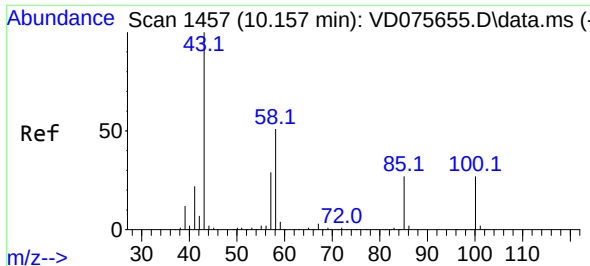
Tgt Ion:117 Resp: 19647
Ion Ratio Lower Upper
117 100
119 6.8 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 43.905 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

Tgt Ion: 98 Resp: 481338
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1

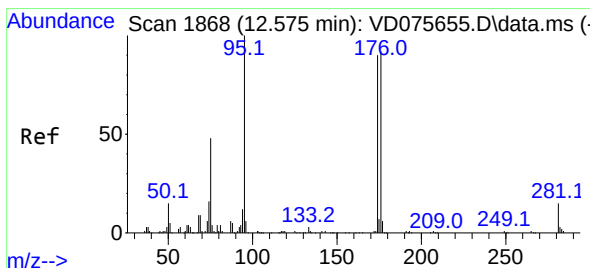
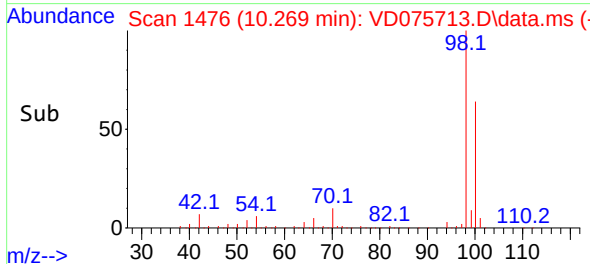
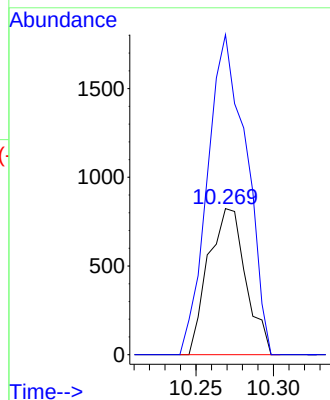
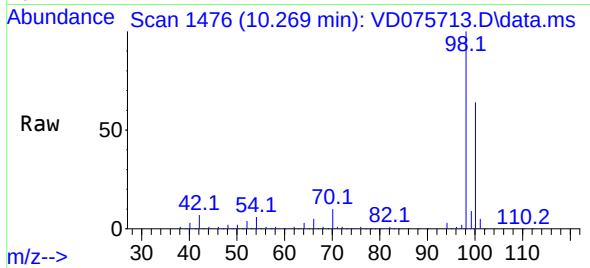




#51
4-Methyl-2-Pentanone
Concen: 1.238 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

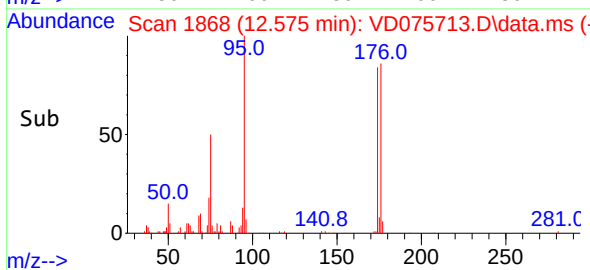
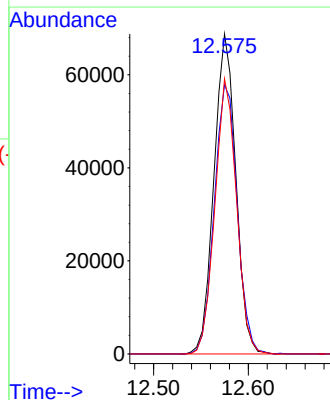
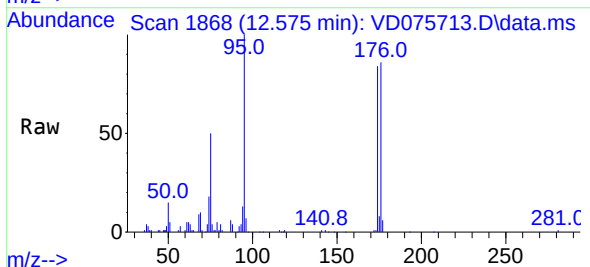
Instrument :
MSVOA_D
ClientSampleId :
SB-19-5-7-20230411

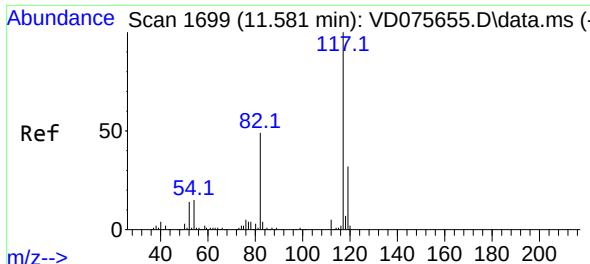
Tgt Ion: 43 Resp: 1384
Ion Ratio Lower Upper
43 100
58 227.2 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 37.832 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

Tgt Ion: 95 Resp: 110241
Ion Ratio Lower Upper
95 100
174 88.4 0.0 164.0
176 85.2 0.0 156.8

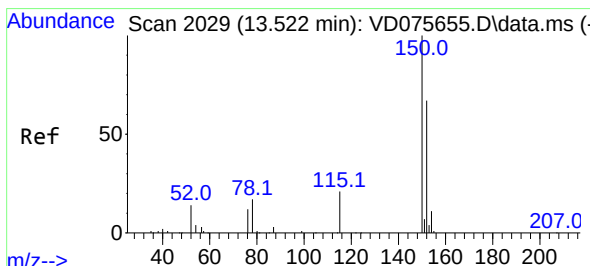
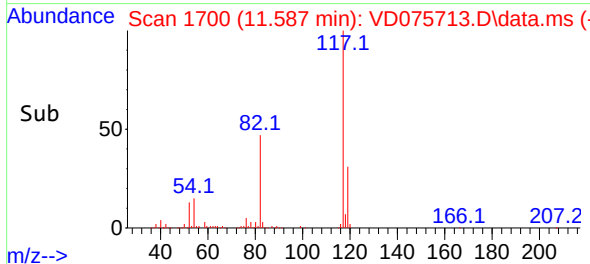
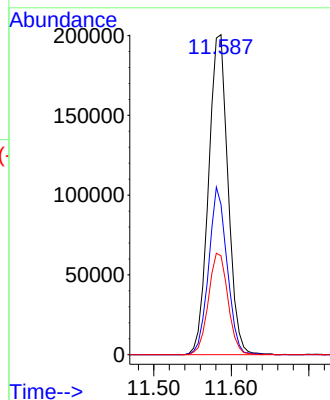
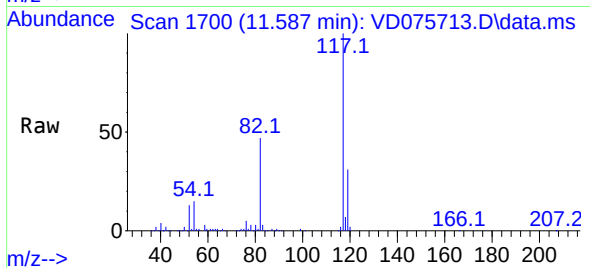




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

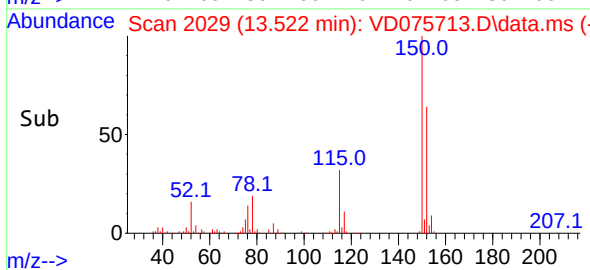
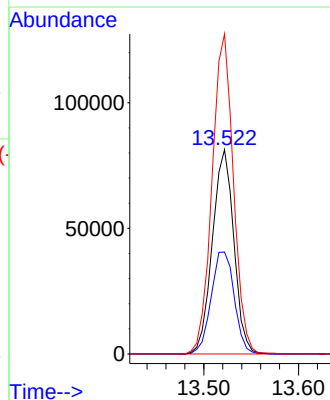
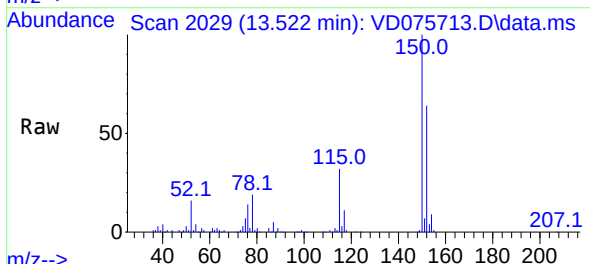
Instrument :
MSVOA_D
ClientSampleId :
SB-19-5-7-20230411

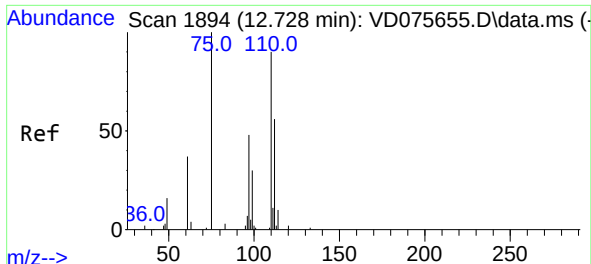
Tgt Ion:117 Resp: 349480
Ion Ratio Lower Upper
117 100
82 47.0 44.0 66.0
119 30.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

Tgt Ion:152 Resp: 128234
Ion Ratio Lower Upper
152 100
115 53.7 30.1 90.3
150 155.4 0.0 364.8

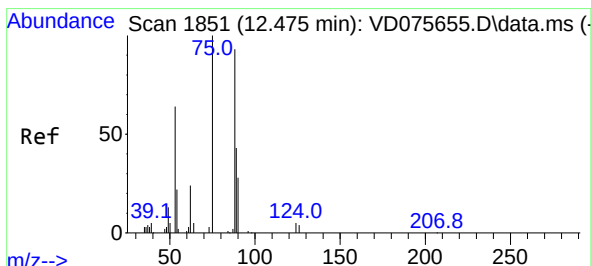
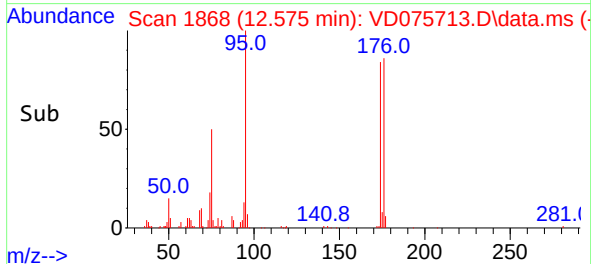
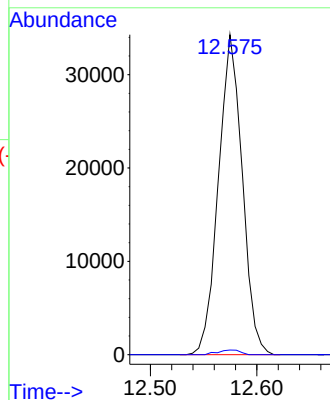
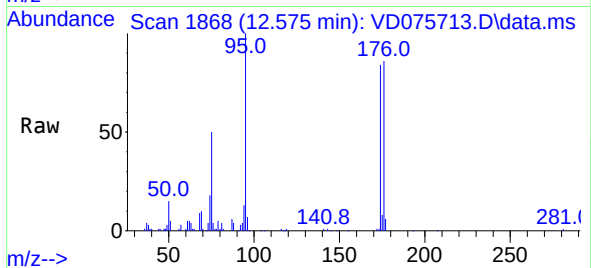




#76
1,2,3-Trichloropropane
Concen: 50.831 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

Instrument :
MSVOA_D
ClientSampleId :
SB-19-5-7-20230411

Tgt Ion: 75 Resp: 53156
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.172 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075713.D
Acq: 17 Apr 2023 21:03

Tgt Ion: 75 Resp: 53156
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

