

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
 Data File : VD075789.D
 Acq On : 24 Apr 2023 12:03
 Operator : KP/SY
 Sample : VD0424SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBL01

Quant Time: Apr 24 16:08:04 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)

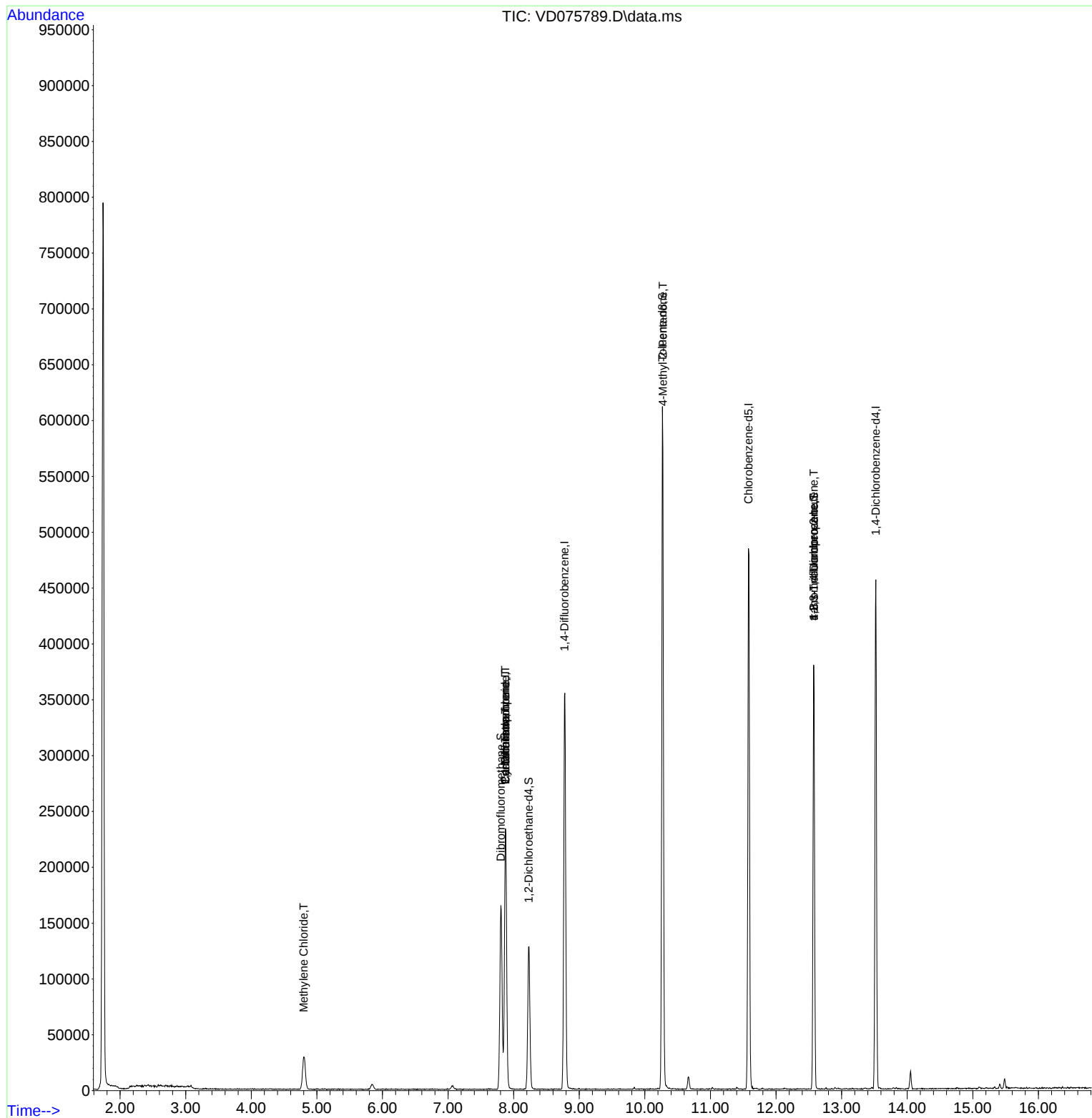
Internal Standards						
1) Pentafluorobenzene	7.875	168	197348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	358950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	318990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	136585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100426	53.612	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.220%			
35) Dibromofluoromethane	7.804	113	122620	50.789	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.580%			
50) Toluene-d8	10.269	98	452129	46.764	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.520%			
62) 4-Bromofluorobenzene	12.575	95	112552	43.798	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.600%			
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	26513	5.921	ug/l #	78
31) Cyclohexane	7.875	56	3623	1.233	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	13183	3.958	ug/l #	52
38) Carbon Tetrachloride	7.875	117	18274	6.230	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	1094	1.110	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	54417	48.855	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	54417	105.889	ug/l #	5

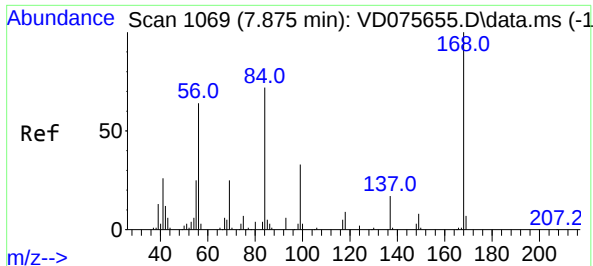
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
Data File : VD075789.D
Acq On : 24 Apr 2023 12:03
Operator : KP/SY
Sample : VD0424SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0424SBL01

Quant Time: Apr 24 16:08:04 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

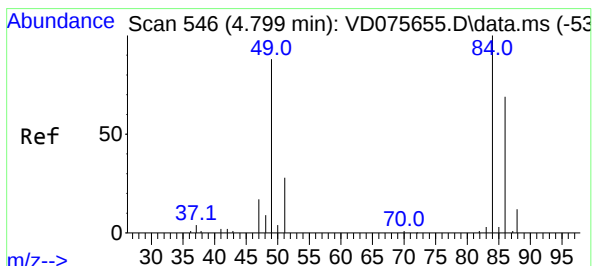
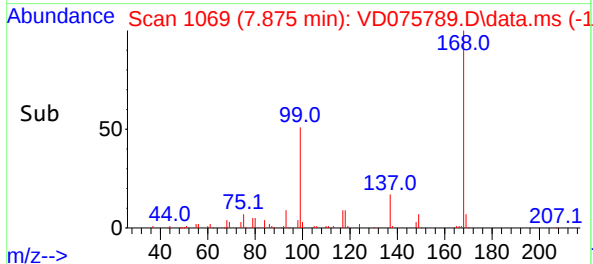
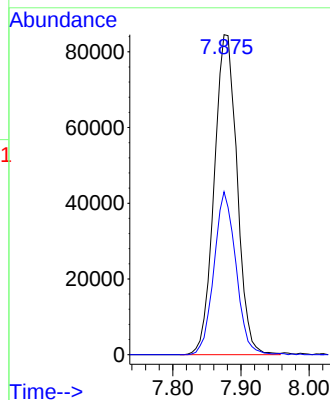
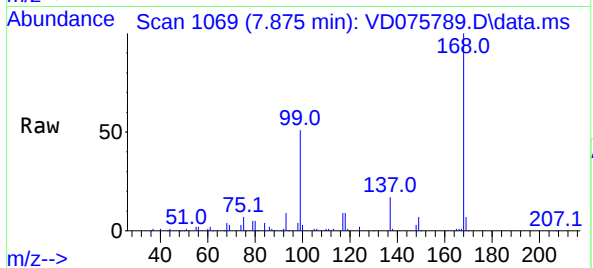




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

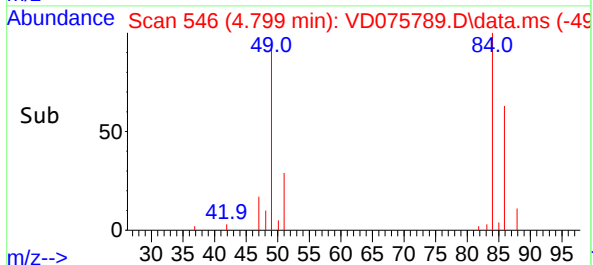
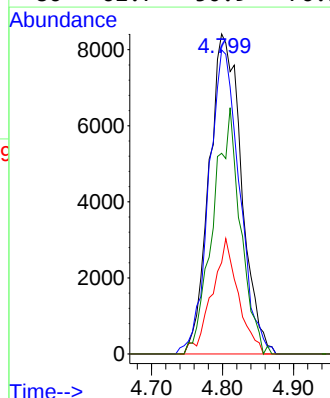
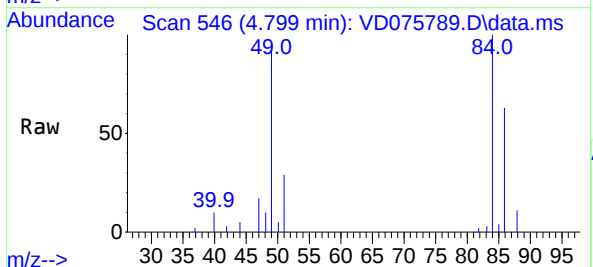
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBL01

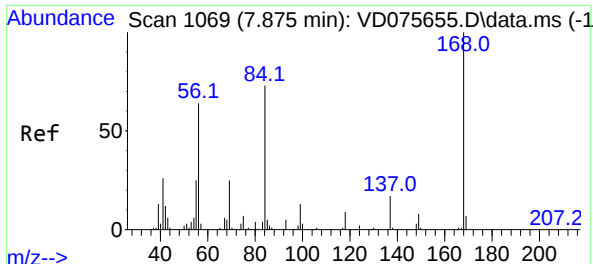
Tgt Ion:168 Resp: 197348
Ion Ratio Lower Upper
168 100
99 50.9 43.8 65.6



#20
Methylene Chloride
Concen: 5.921 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

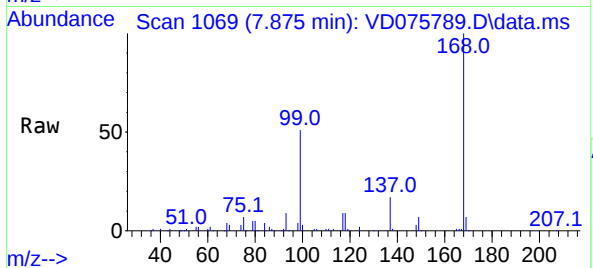
Tgt Ion: 84 Resp: 26513
Ion Ratio Lower Upper
84 100
49 95.0 106.4 159.6#
51 28.5 32.4 48.6#
86 62.7 50.9 76.3



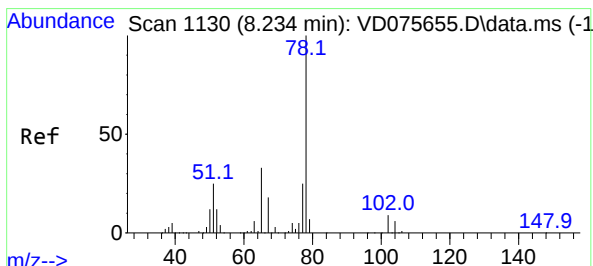
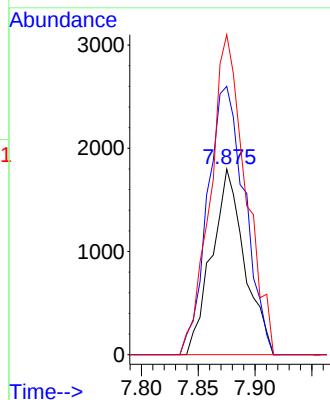
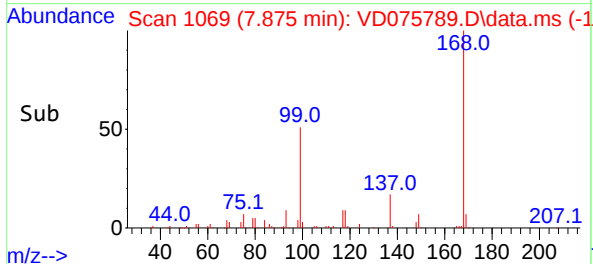


#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD0424SBL01

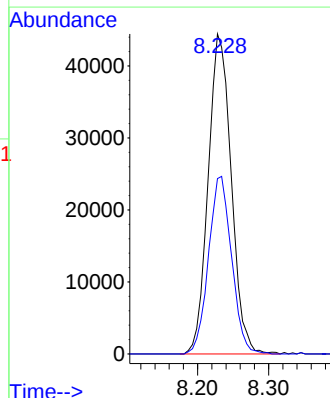
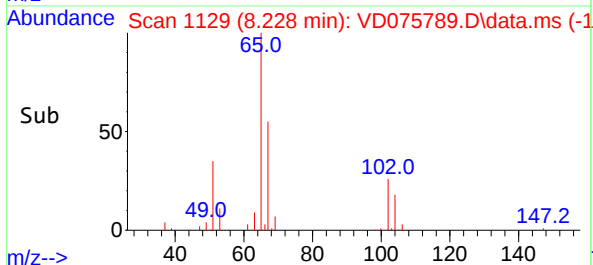
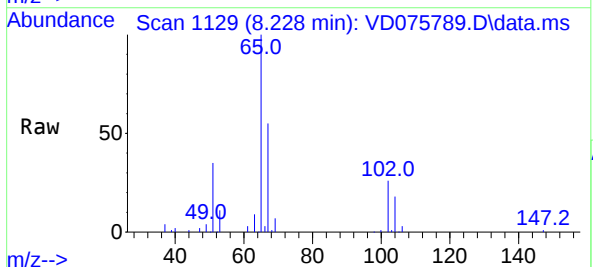


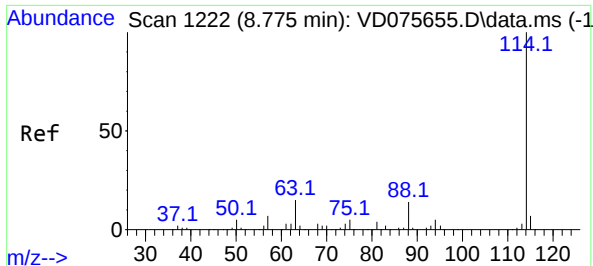
Tgt Ion: 56 Resp: 3623
Ion Ratio Lower Upper
56 100
69 144.6 25.5 38.3#
84 172.4 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 53.612 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 65 Resp: 100426
Ion Ratio Lower Upper
65 100
67 55.4 0.0 102.2

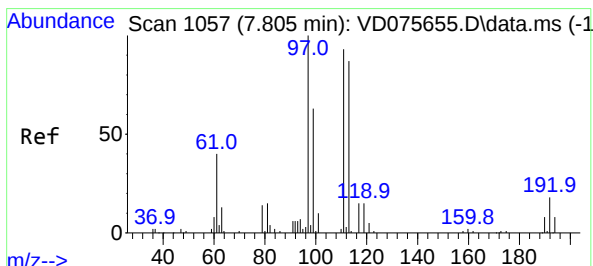
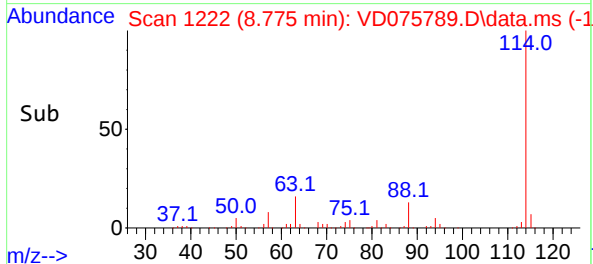
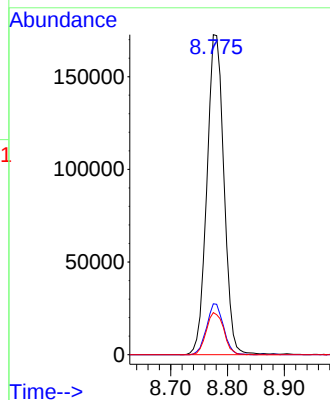
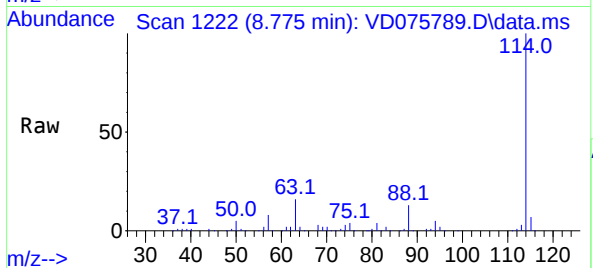




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

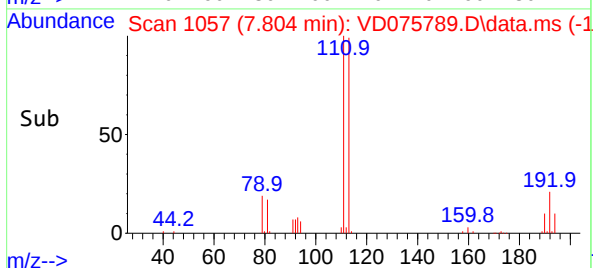
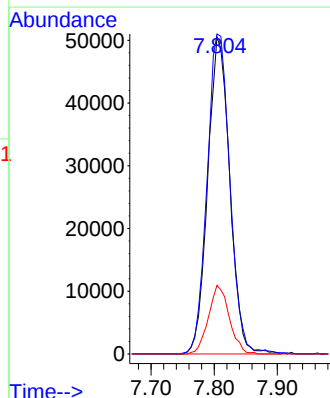
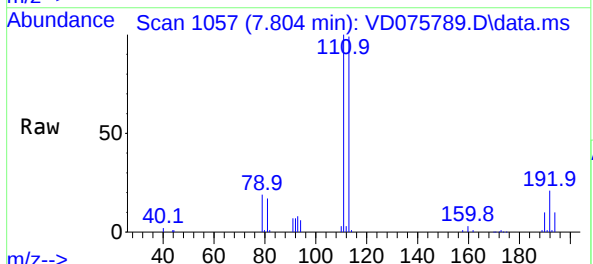
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBL01

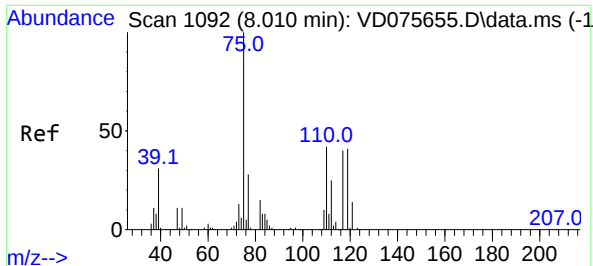
Tgt Ion:114 Resp: 358950
Ion Ratio Lower Upper
114 100
63 15.9 0.0 41.6
88 13.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.789 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

Tgt Ion:113 Resp: 122620
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.0
192 20.5 15.2 22.8





#36

1,1-Dichloropropene

Concen: 3.958 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075789.D

Acq: 24 Apr 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD0424SBL01

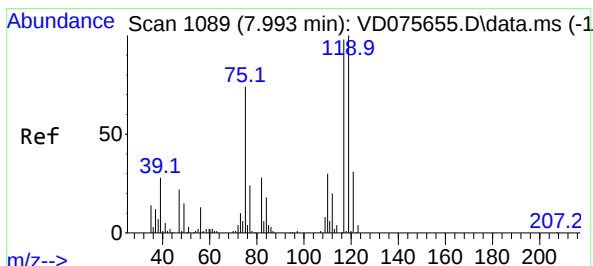
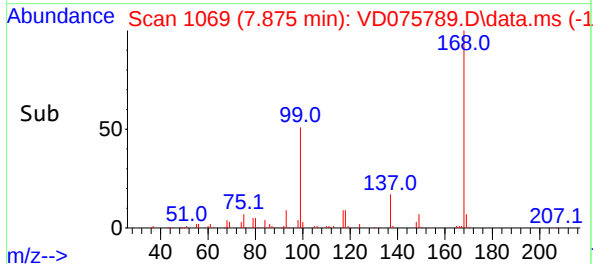
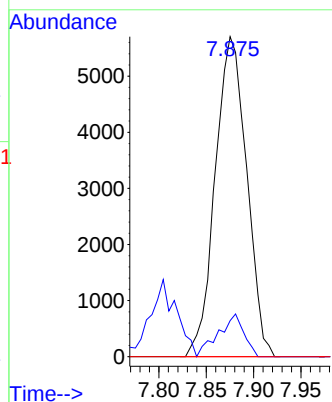
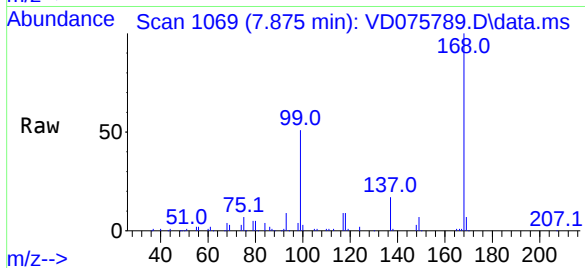
Tgt Ion: 75 Resp: 13183

Ion Ratio Lower Upper

75 100

110 10.8 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.230 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075789.D

Acq: 24 Apr 2023 12:03

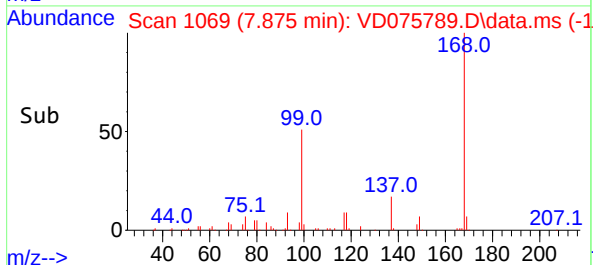
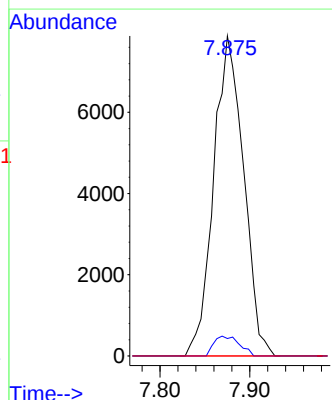
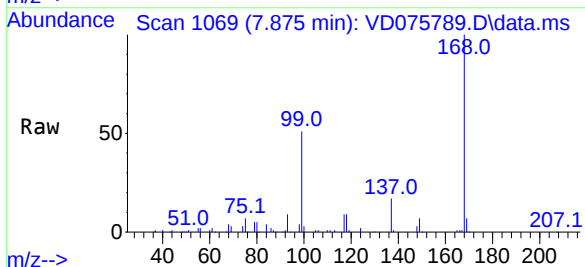
Tgt Ion: 117 Resp: 18274

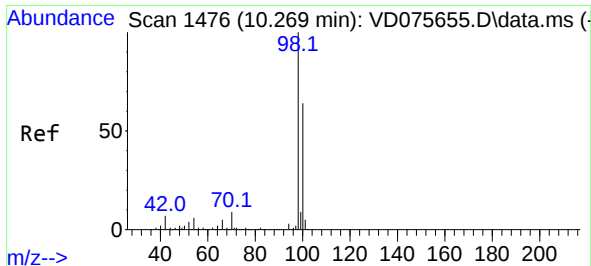
Ion Ratio Lower Upper

117 100

119 5.5 74.7 112.1#

121 0.0 25.9 38.9#

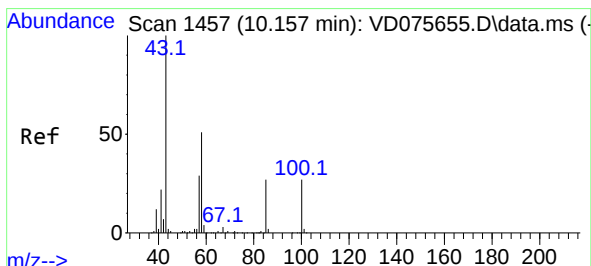
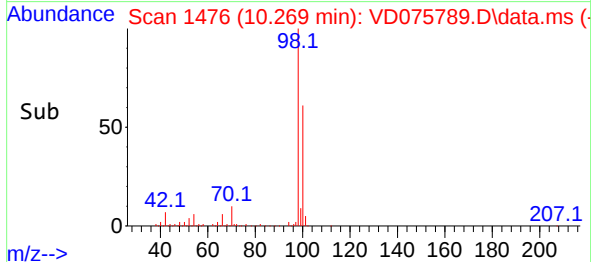
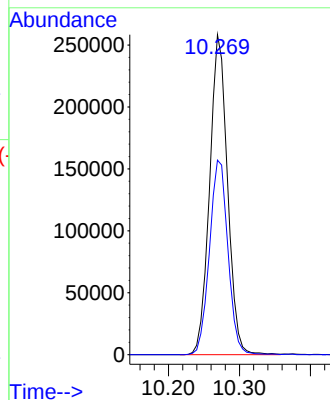
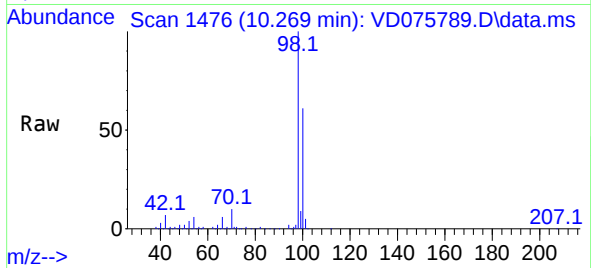




#50
Toluene-d8
Concen: 46.764 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

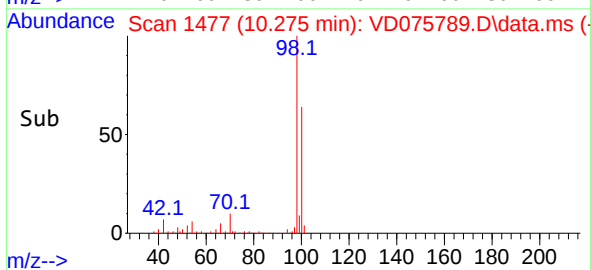
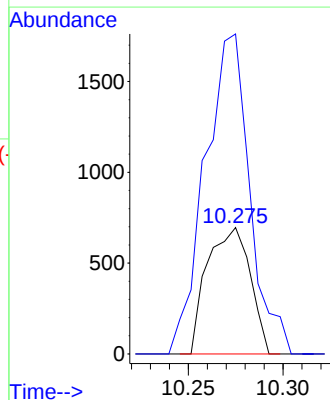
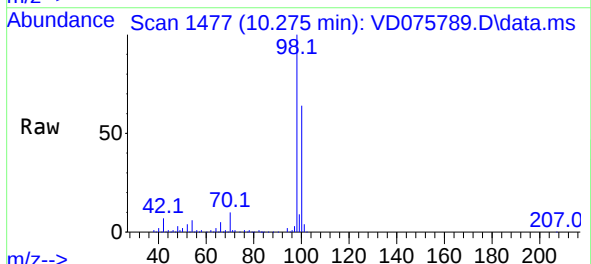
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBL01

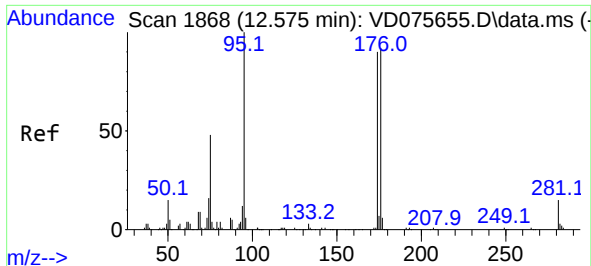
Tgt Ion: 98 Resp: 452129
Ion Ratio Lower Upper
98 100
100 62.6 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.110 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
58 264.4 29.5 44.3#

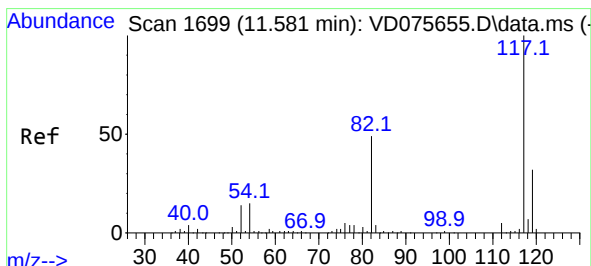
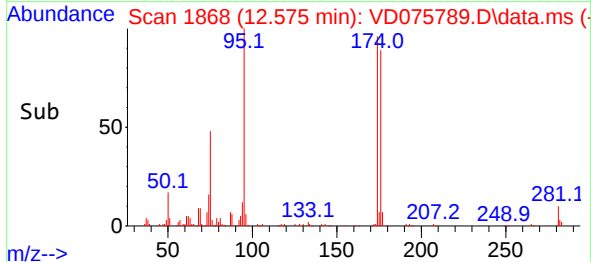
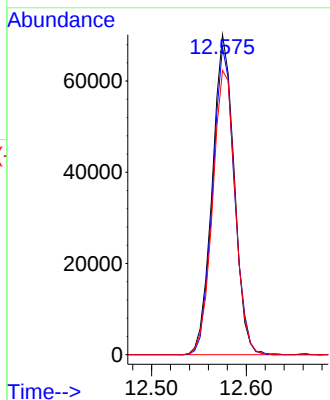
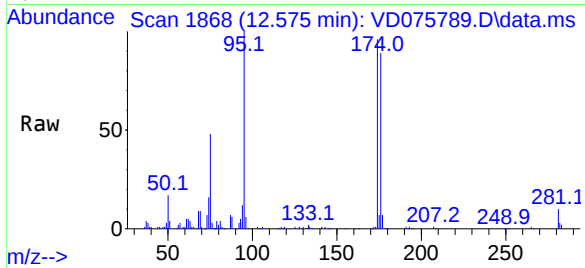




#62
4-Bromofluorobenzene
Concen: 43.798 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

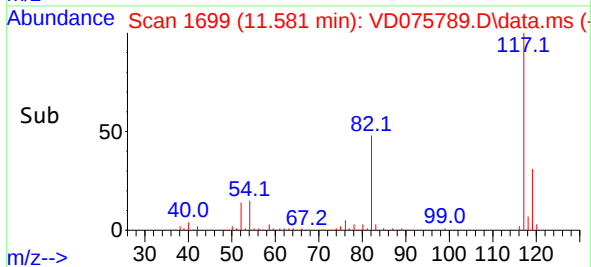
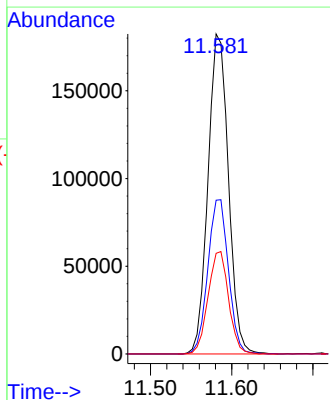
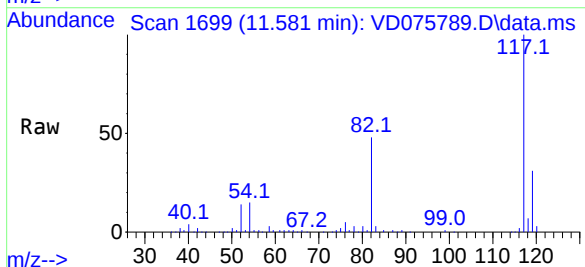
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBL01

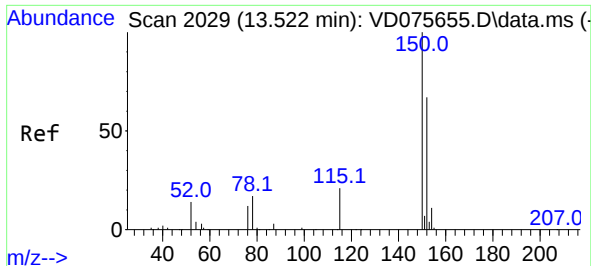
Tgt Ion: 95 Resp: 112552
Ion Ratio Lower Upper
95 100
174 95.4 0.0 164.0
176 91.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 117 Resp: 318990
Ion Ratio Lower Upper
117 100
82 48.1 44.0 66.0
119 31.4 25.1 37.7

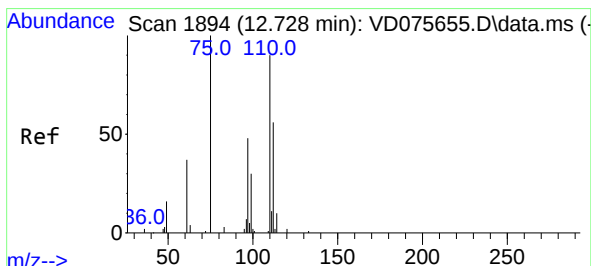
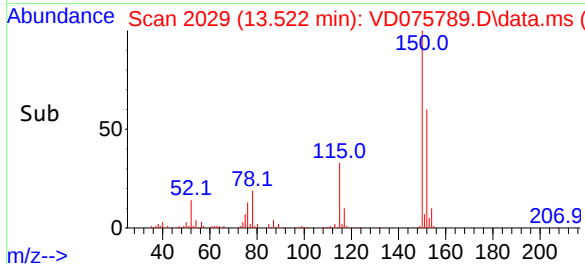
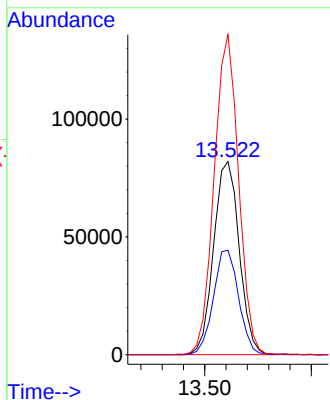
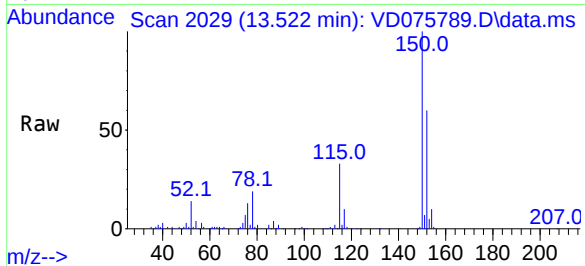




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075789.D
 Acq: 24 Apr 2023 12:03

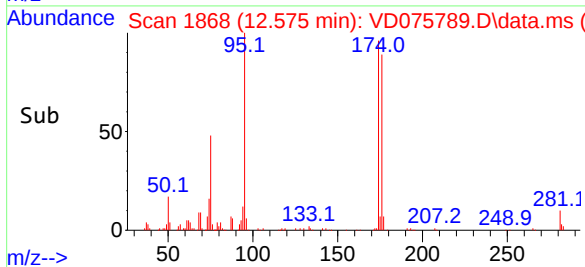
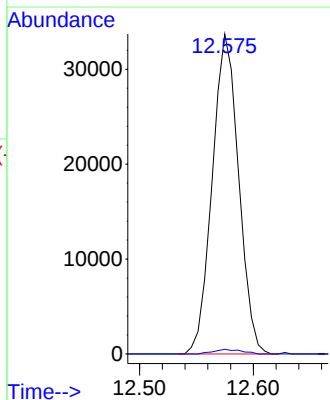
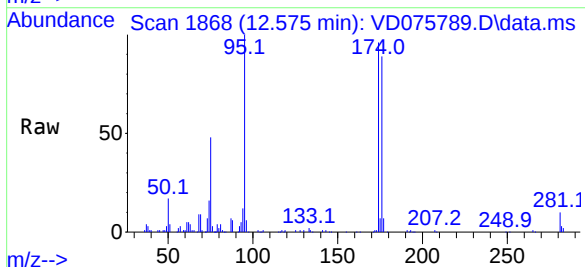
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBL01

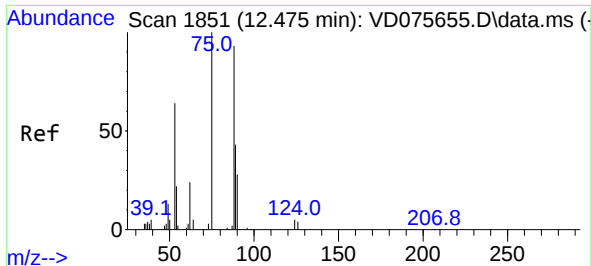
Tgt Ion:152 Resp: 136585
 Ion Ratio Lower Upper
 152 100
 115 53.4 30.1 90.3
 150 158.7 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 48.855 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075789.D
 Acq: 24 Apr 2023 12:03

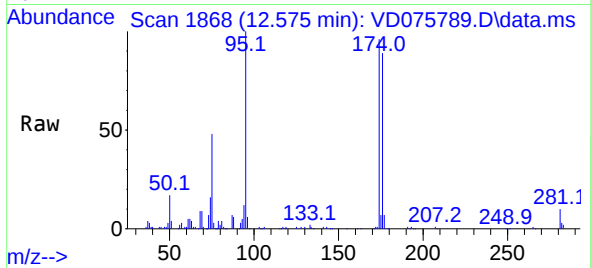
Tgt Ion: 75 Resp: 54417
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.889 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD075789.D
 Acq: 24 Apr 2023 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBL01



Tgt Ion:	75	Resp:	54417
Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#

