

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076932.D
 Acq On : 07 Aug 2023 15:42
 Operator : KP/SY
 Sample : 03891-03
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Aug 08 04:40:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

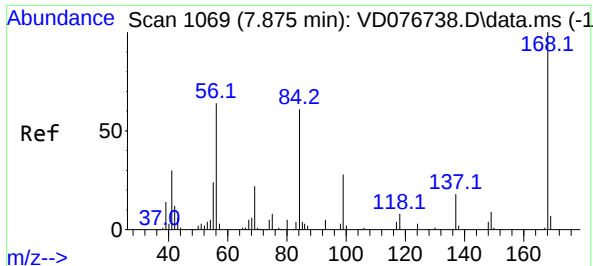
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	153334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	313193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	305259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	85457	55.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.900%	
35) Dibromofluoromethane	7.805	113	102759	52.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.420%	
50) Toluene-d8	10.269	98	382641	54.347	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.700%	
62) 4-Bromofluorobenzene	12.575	95	110664	48.586	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.180%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	31385	5.228	ug/l	98
31) Cyclohexane	7.875	56	3371	1.500	ug/l #	36
36) 1,1-Dichloropropene	7.875	75	12269	4.771	ug/l #	47
38) Carbon Tetrachloride	7.881	117	16611	6.745	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	1202	1.006	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	58965	47.478	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	58965	101.046	ug/l #	17

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

Quant Time: Aug 08 04:40:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

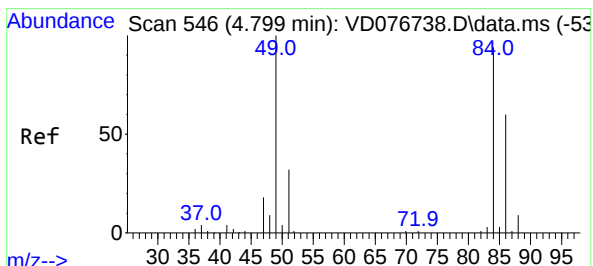
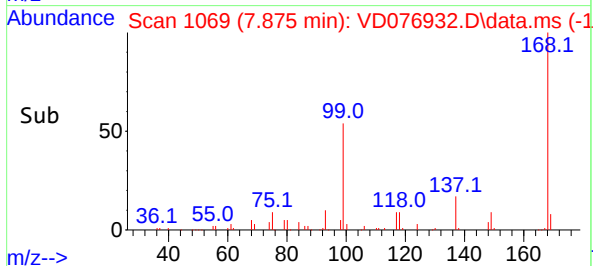
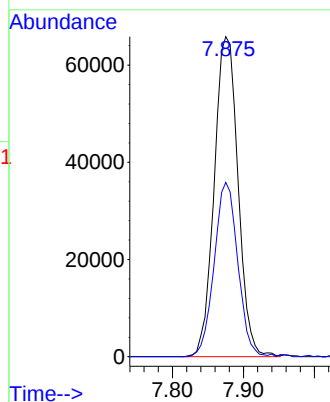
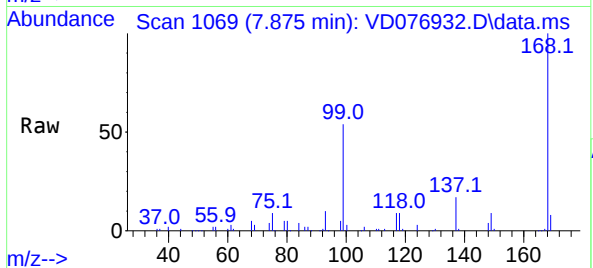




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

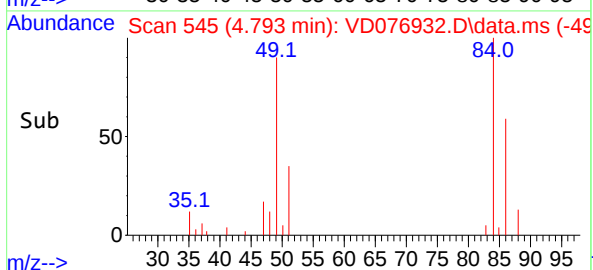
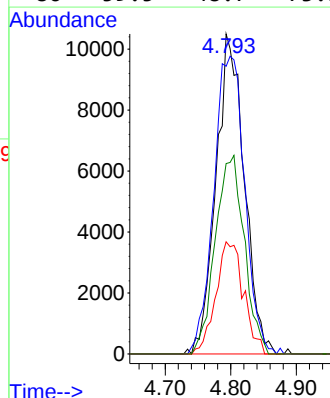
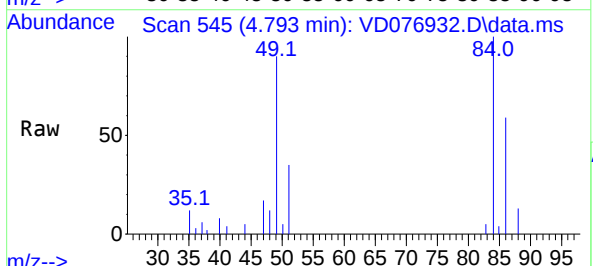
Instrument :
MSVOA_D
ClientSampleId :
TP-2

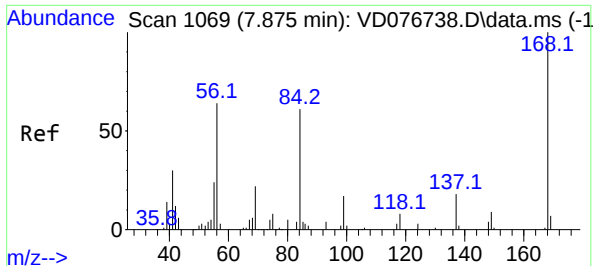
Tgt Ion:168 Resp: 153334
Ion Ratio Lower Upper
168 100
99 54.5 36.7 55.1



#20
Methylene Chloride
Concen: 5.228 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

Tgt Ion: 84 Resp: 31385
Ion Ratio Lower Upper
84 100
49 89.9 71.4 107.2
51 35.1 24.5 36.7
86 59.5 48.7 73.1

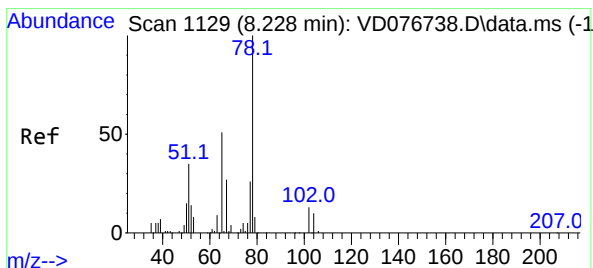
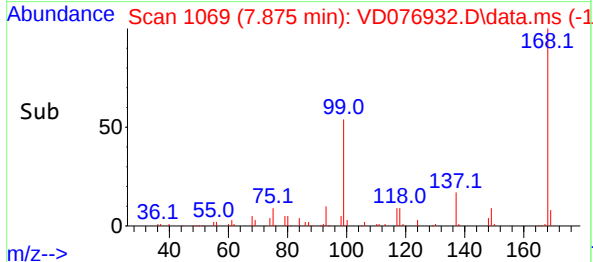
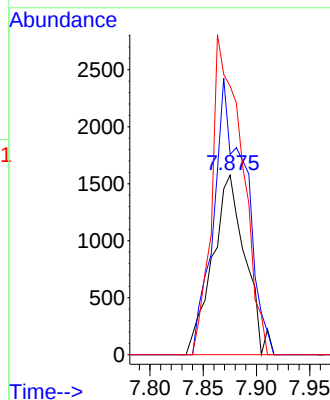
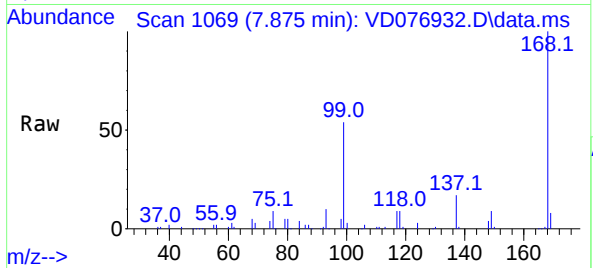




#31
Cyclohexane
Concen: 1.500 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

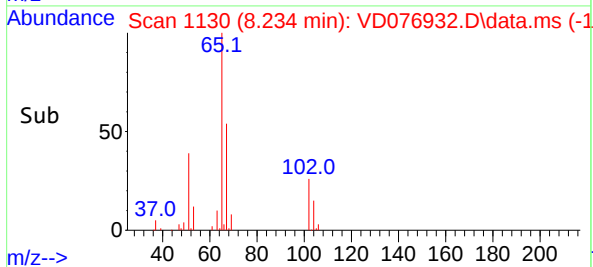
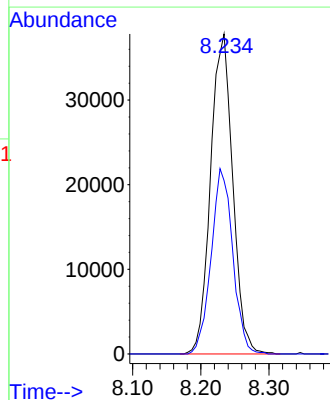
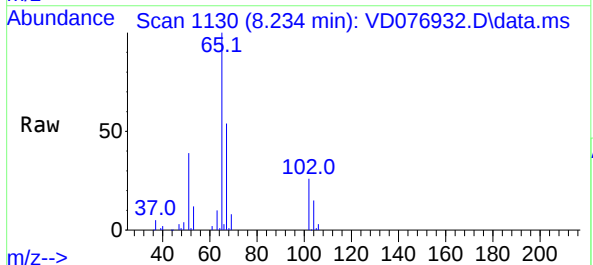
Instrument :
MSVOA_D
ClientSampleId :
TP-2

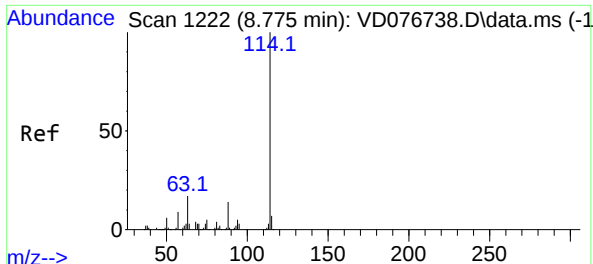
Tgt Ion: 56 Resp: 3371
Ion Ratio Lower Upper
56 100
69 111.6 28.6 43.0#
84 149.6 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 55.955 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

Tgt Ion: 65 Resp: 85457
Ion Ratio Lower Upper
65 100
67 56.6 0.0 115.0

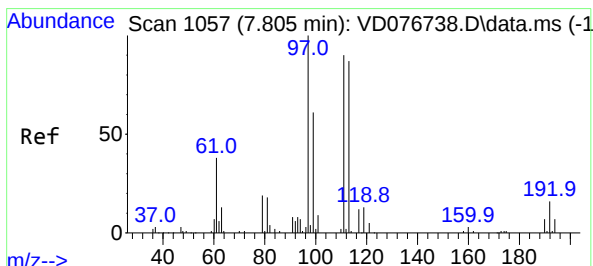
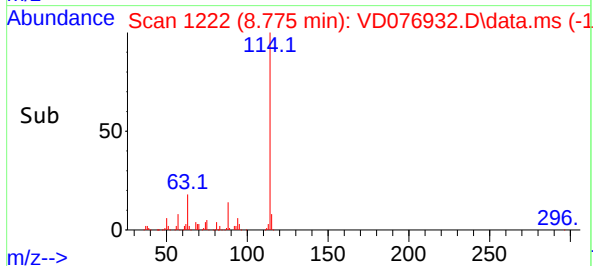
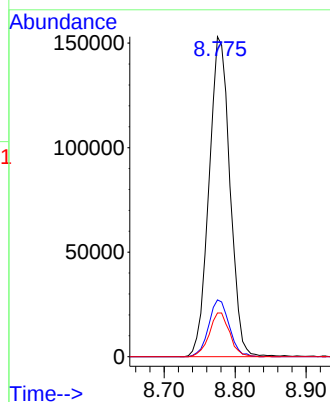
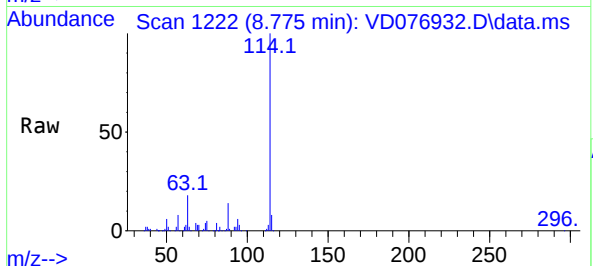




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

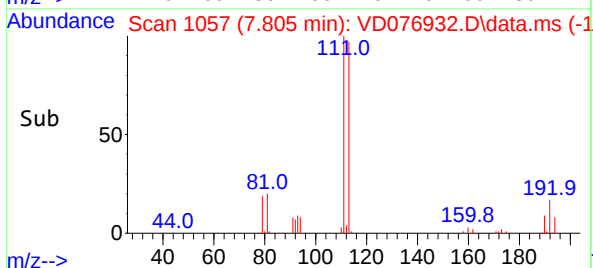
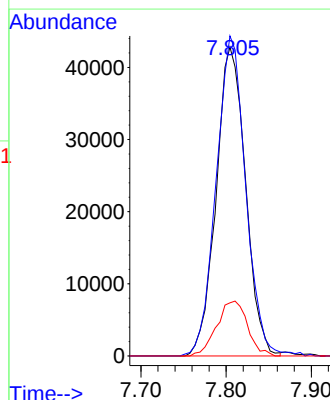
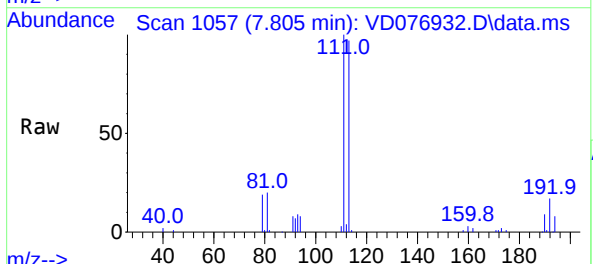
Instrument :
MSVOA_D
ClientSampleId :
TP-2

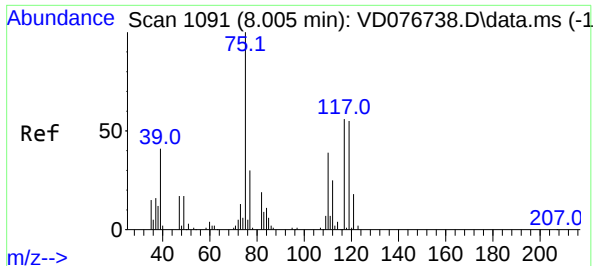
Tgt Ion:114 Resp: 313193
Ion Ratio Lower Upper
114 100
63 17.7 0.0 33.4
88 13.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 52.212 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

Tgt Ion:113 Resp: 102759
Ion Ratio Lower Upper
113 100
111 104.1 84.7 127.1
192 18.6 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.771 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076932.D

Acq: 07 Aug 2023 15:42

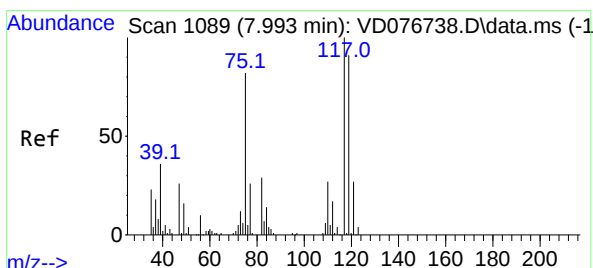
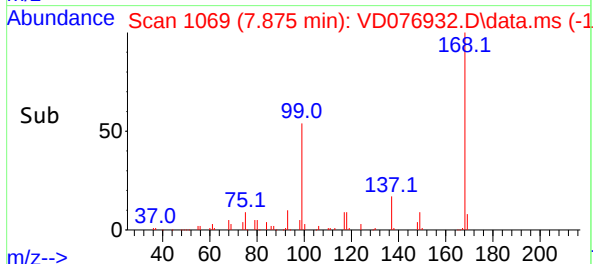
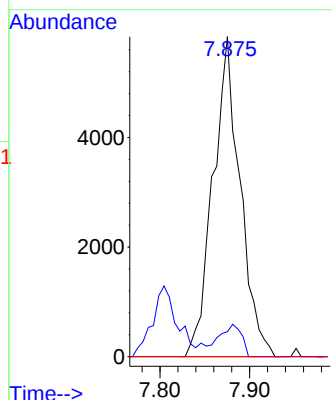
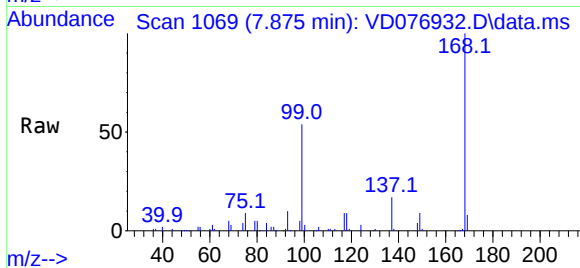
Instrument :

MSVOA_D

ClientSampleId :

TP-2

Tgt Ion: 75	Resp:	12269
Ion Ratio	Lower	Upper
75	100	
110	8.3	19.9 59.6#
77	0.0	24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.745 ug/l

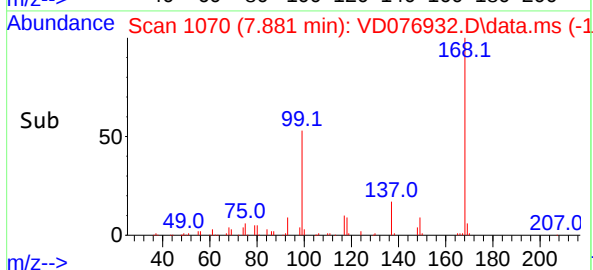
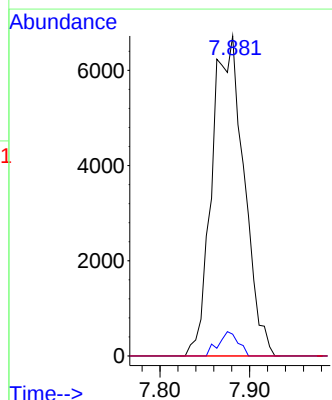
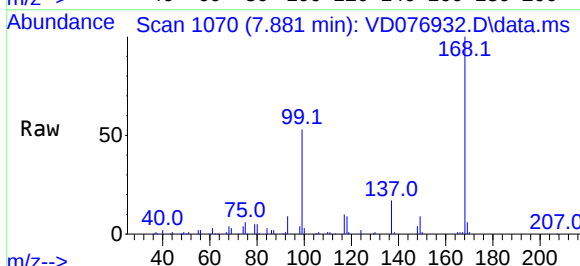
RT: 7.881 min Scan# 1070

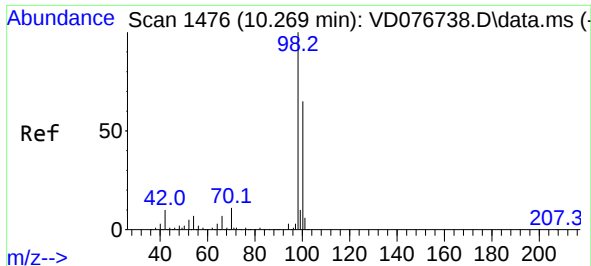
Delta R.T. -0.112 min

Lab File: VD076932.D

Acq: 07 Aug 2023 15:42

Tgt Ion: 117	Resp:	16611
Ion Ratio	Lower	Upper
117	100	
119	6.8	78.0 117.0#
121	0.0	24.2 36.2#

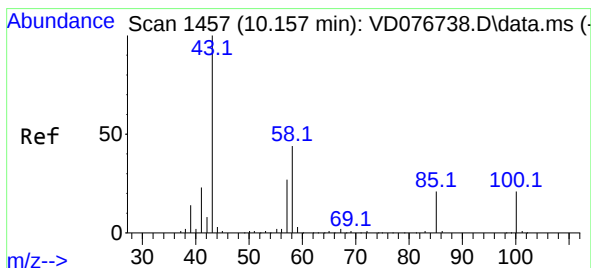
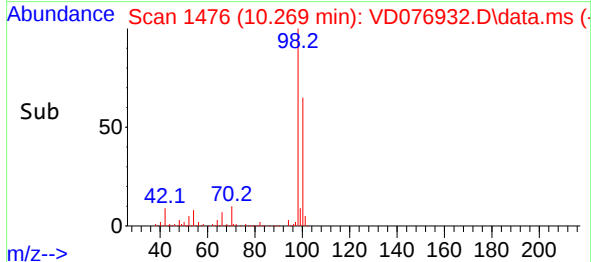
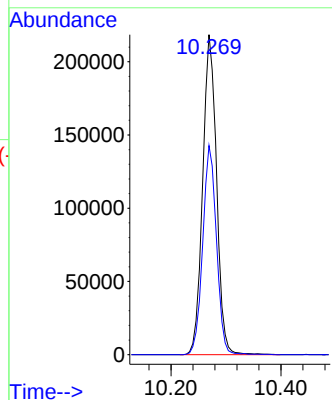
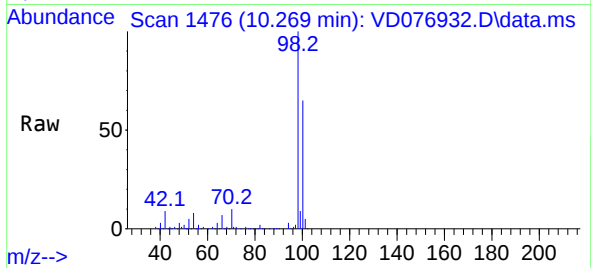




#50
Toluene-d8
Concen: 54.347 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

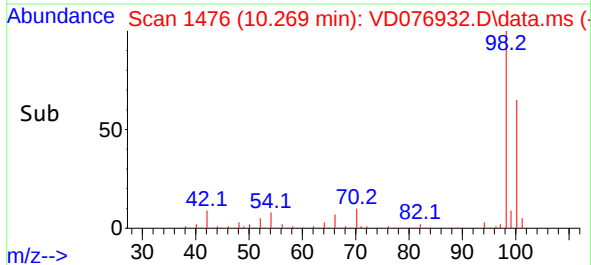
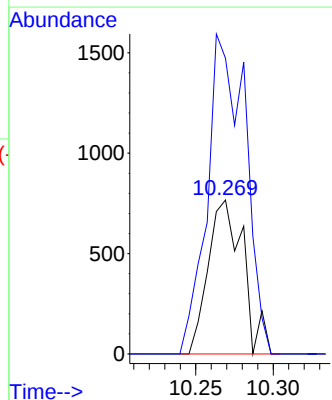
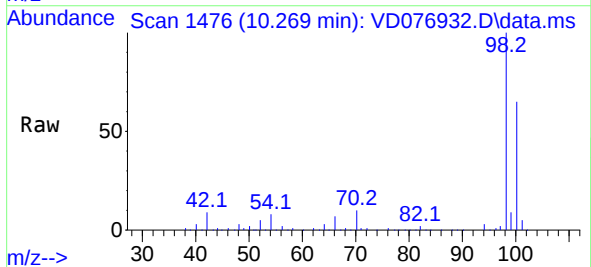
Instrument :
MSVOA_D
ClientSampleId :
TP-2

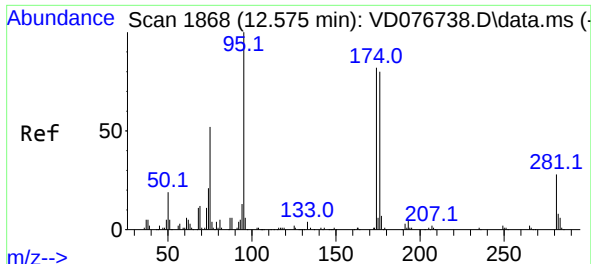
Tgt Ion: 98 Resp: 382641
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.006 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
58 226.8 38.9 58.3#

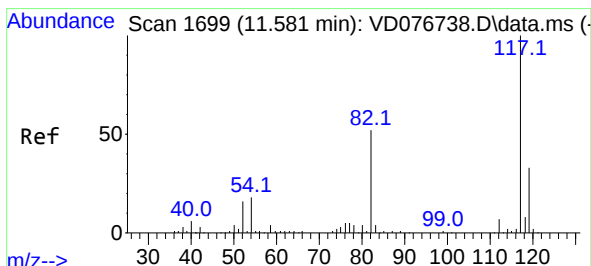
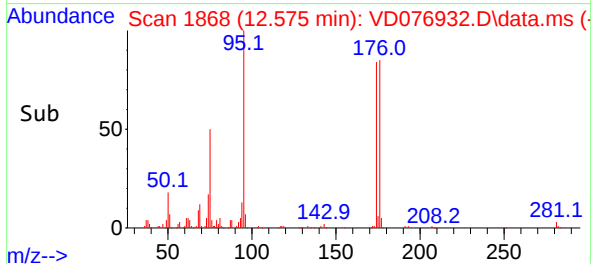
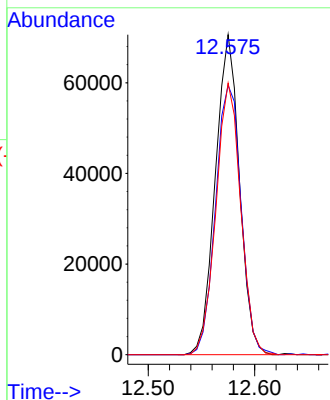
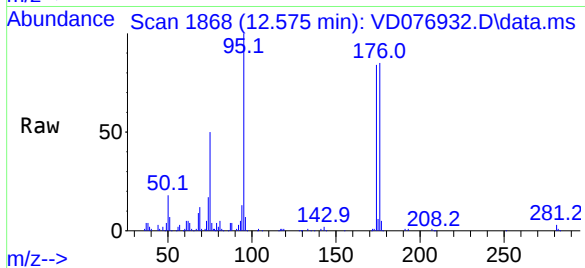




#62
4-Bromofluorobenzene
Concen: 48.586 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

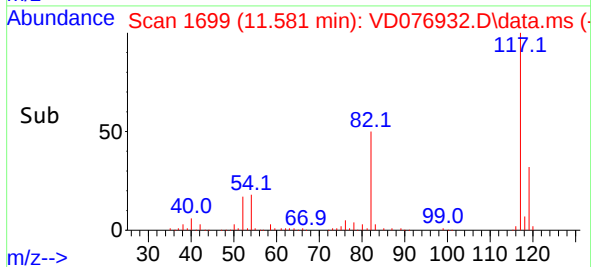
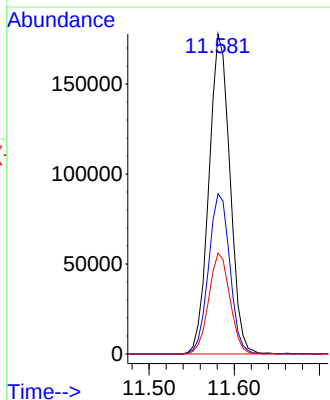
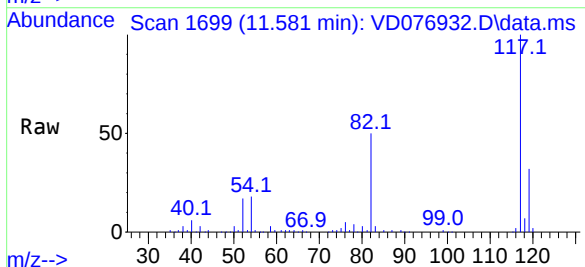
Instrument :
MSVOA_D
ClientSampleId :
TP-2

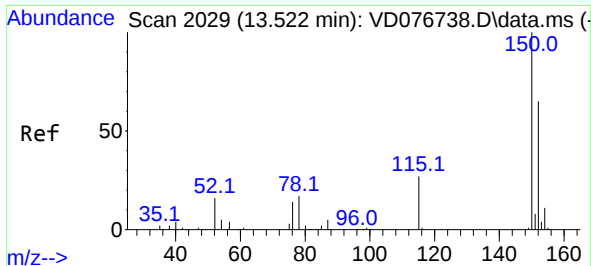
Tgt Ion: 95 Resp: 110664
Ion Ratio Lower Upper
95 100
174 89.5 0.0 201.8
176 87.0 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

Tgt Ion: 117 Resp: 305259
Ion Ratio Lower Upper
117 100
82 50.1 38.3 57.5
119 31.6 25.0 37.4

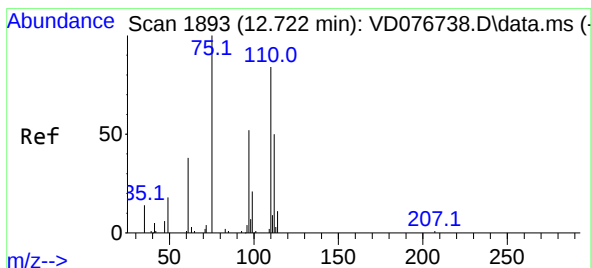
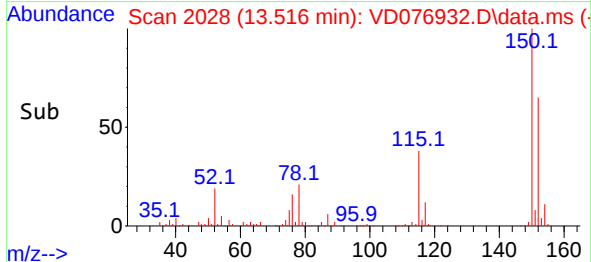
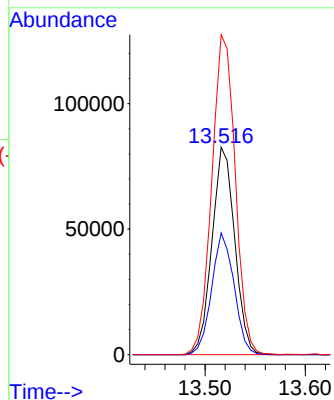
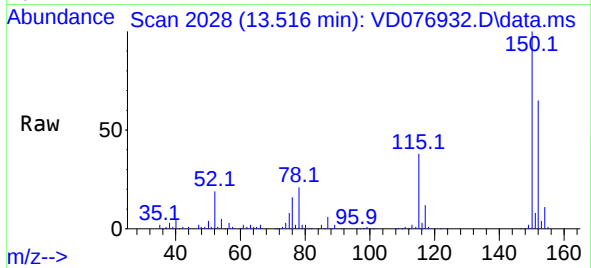




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

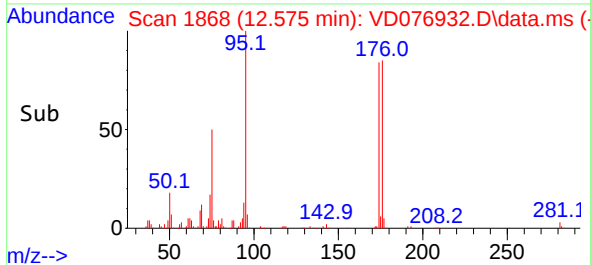
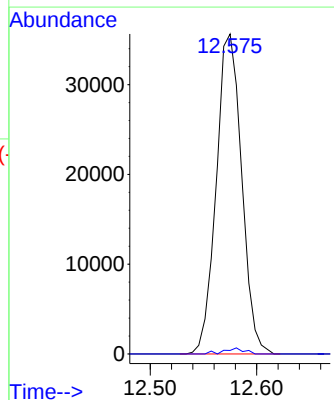
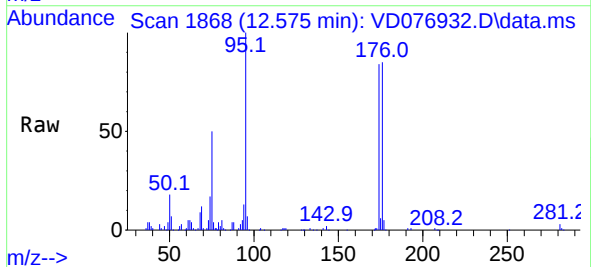
Instrument :
MSVOA_D
ClientSampleId :
TP-2

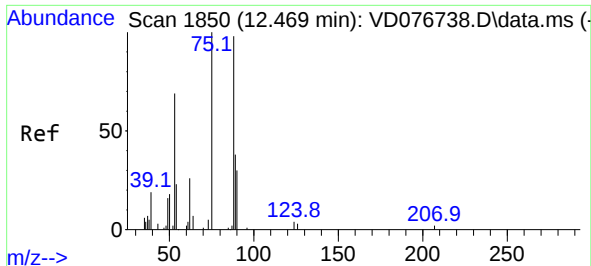
Tgt Ion:152 Resp: 130594
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 158.7 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 47.478 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

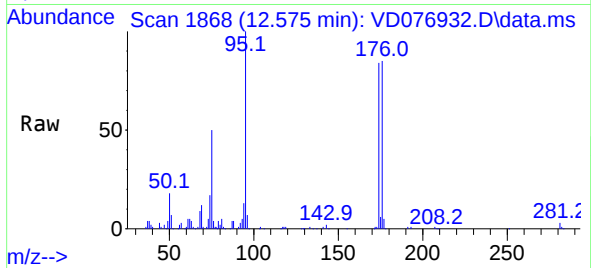
Tgt Ion: 75 Resp: 58965
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.046 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076932.D
 Acq: 07 Aug 2023 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2



Tgt Ion:	75	Resp:	58965
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

