

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075701.D
 Acq On : 17 Apr 2023 15:10
 Operator : KP/SY
 Sample : 02341-01RE
 Misc : 6.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PH1-BOT-1RE

Quant Time: Apr 18 01:18:13 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)

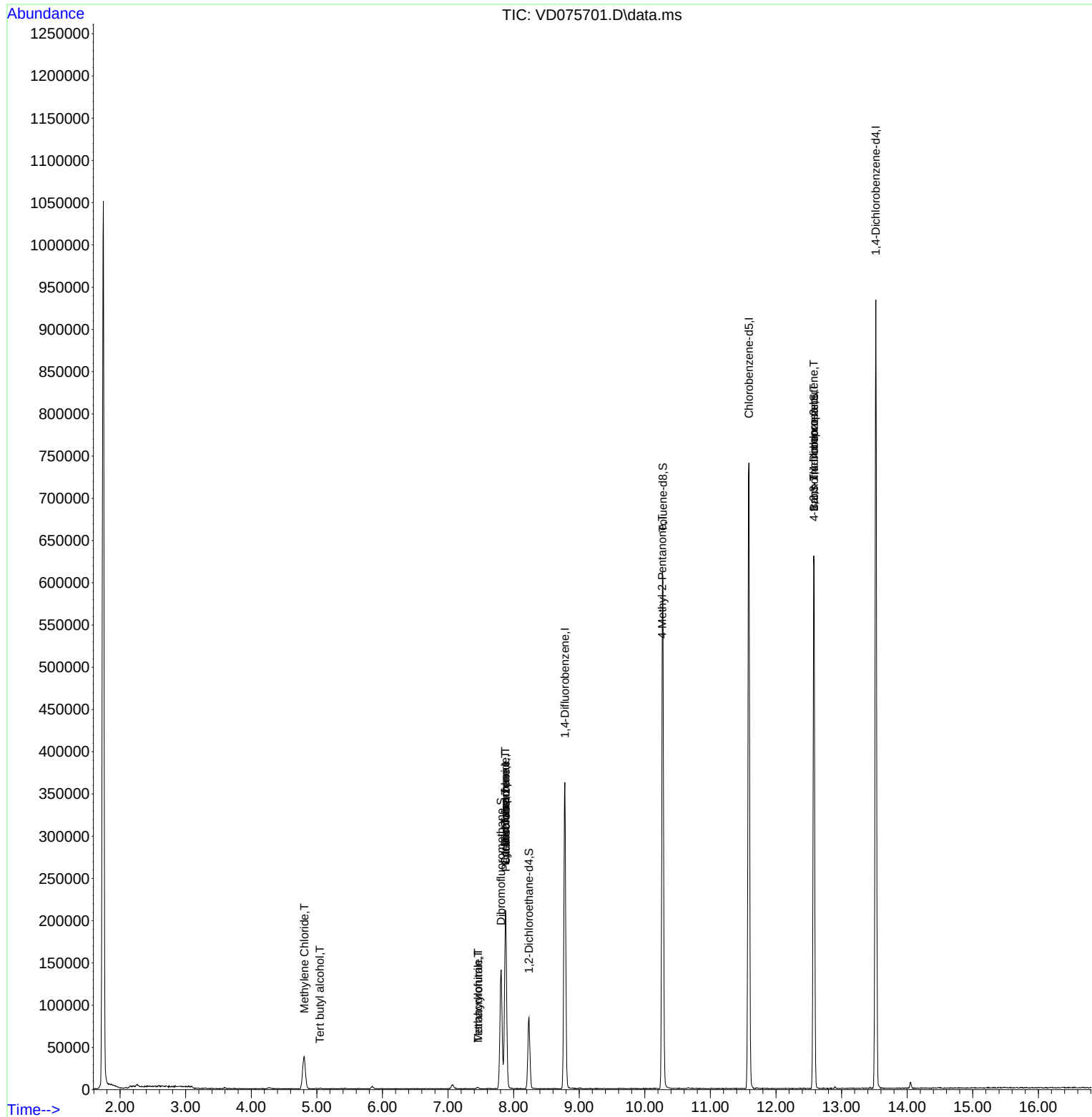
Internal Standards						
1) Pentafluorobenzene	7.881	168	172368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	349423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	472605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	262133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	63447	38.779	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.560%		
35) Dibromofluoromethane	7.811	113	104920	44.643	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.280%		
50) Toluene-d8	10.275	98	465322	49.441	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.880%		
62) 4-Bromofluorobenzene	12.581	95	201588	80.584	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	161.160%#		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.046	59	891	10.851	ug/l #	100
20) Methylene Chloride	4.811	84	34602	11.359	ug/l #	73
29) Tetrahydrofuran	7.458	42	742	3.516	ug/l #	4
31) Cyclohexane	7.875	56	2816	1.097	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	12504	3.856	ug/l #	51
38) Carbon Tetrachloride	7.875	117	15905	5.571	ug/l #	17
41) Methacrylonitrile	7.458	41	641	1.354	ug/l #	26
51) 4-Methyl-2-Pentanone	10.263	43	1296	1.351	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	100385	46.960	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	100385	101.781	ug/l #	5

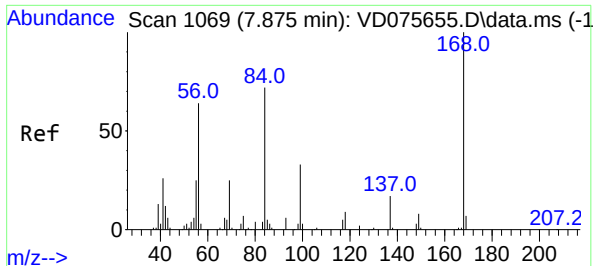
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
Data File : VD075701.D
Acq On : 17 Apr 2023 15:10
Operator : KP/SY
Sample : 02341-01RE
Misc : 6.41G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-1RE

Quant Time: Apr 18 01:18:13 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

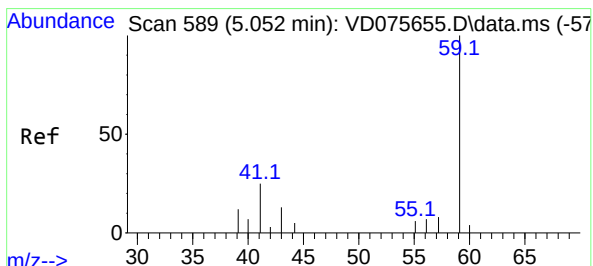
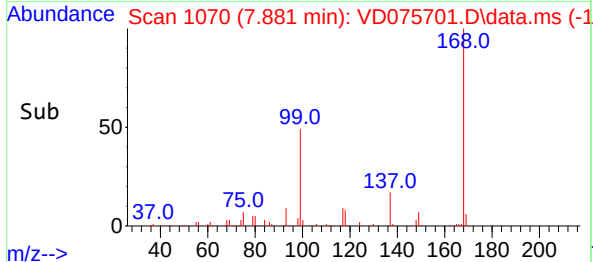
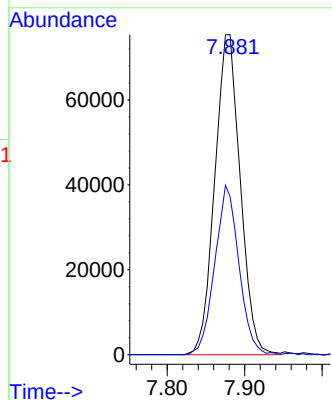
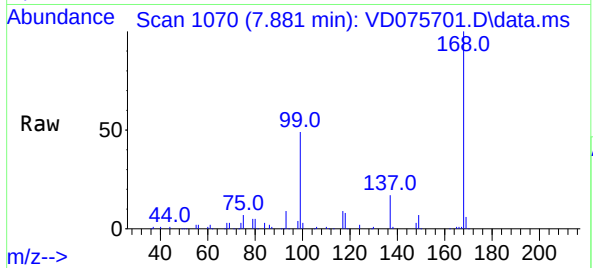




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

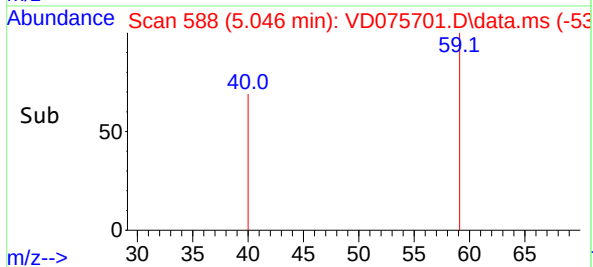
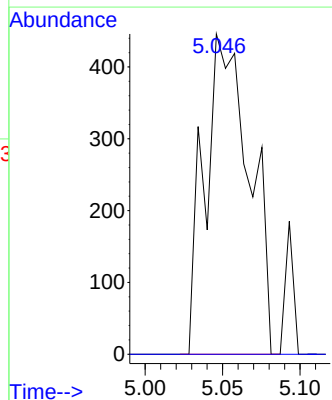
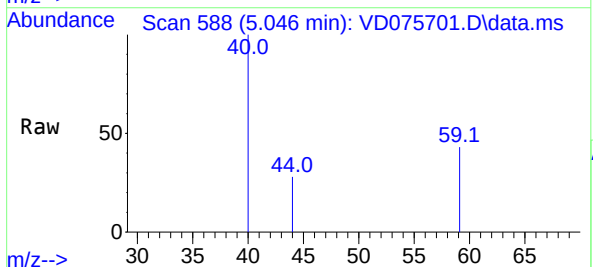
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-1RE

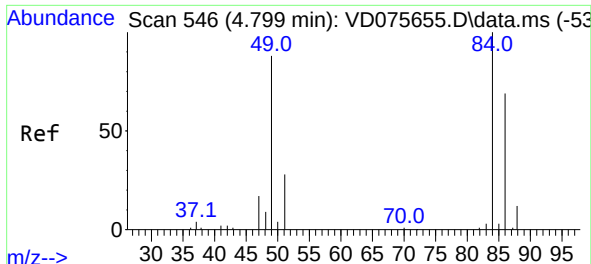
Tgt Ion:168 Resp: 172368
Ion Ratio Lower Upper
168 100
99 49.3 43.8 65.6



#11
Tert butyl alcohol
Concen: 10.851 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.006 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

Tgt Ion: 59 Resp: 891
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



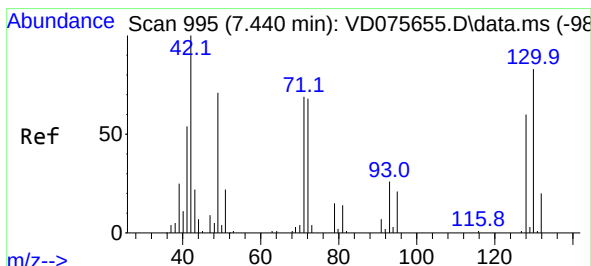
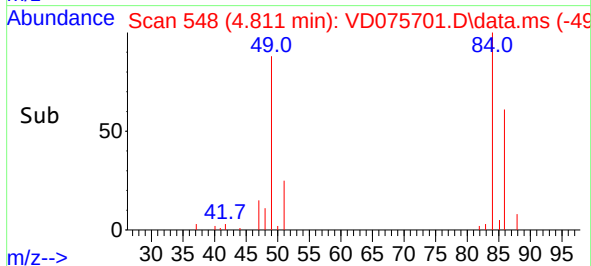
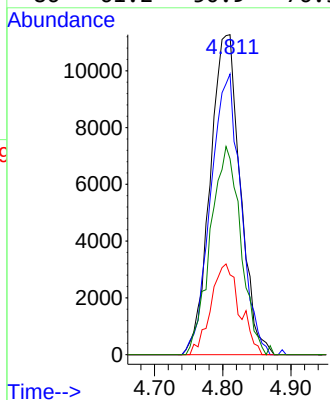
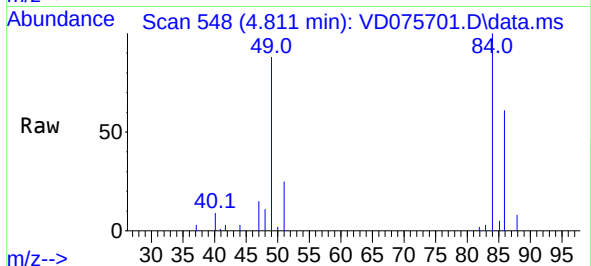


#20
Methylene Chloride
Concen: 11.359 ug/l
RT: 4.811 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-1RE

Tgt Ion: 84 Resp: 34602

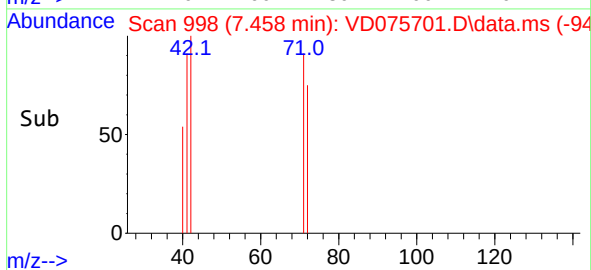
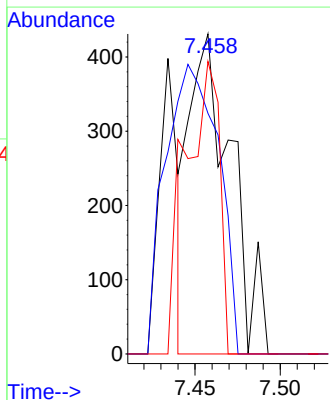
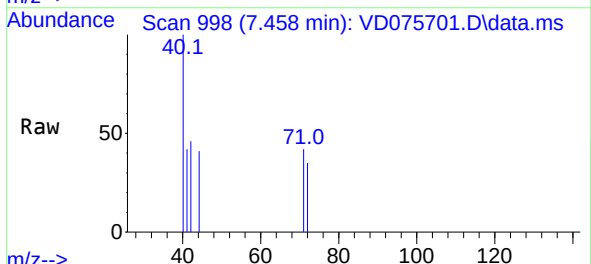
Ion	Ratio	Lower	Upper
84	100		
49	87.7	106.4	159.6#
51	24.9	32.4	48.6#
86	61.2	50.9	76.3

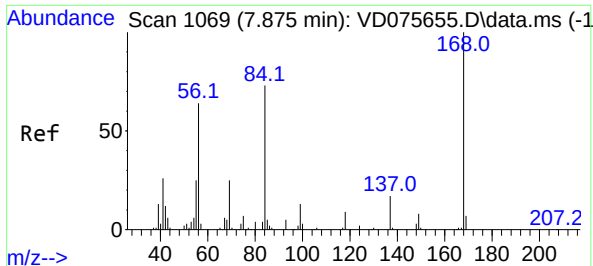


#29
Tetrahydrofuran
Concen: 3.516 ug/l
RT: 7.458 min Scan# 998
Delta R.T. 0.018 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

Tgt Ion: 42 Resp: 742

Ion	Ratio	Lower	Upper
42	100		
72	113.7	31.8	47.6#
71	73.9	27.6	41.4#

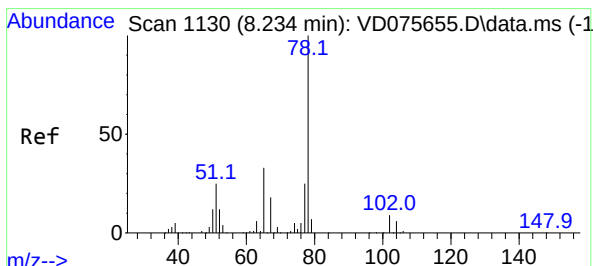
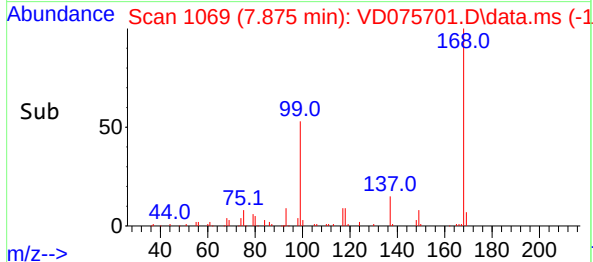
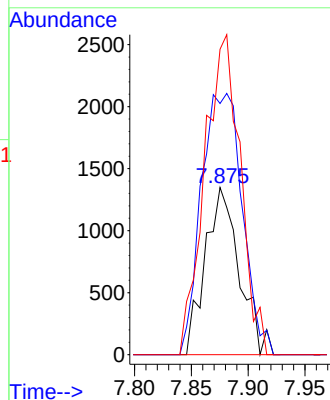
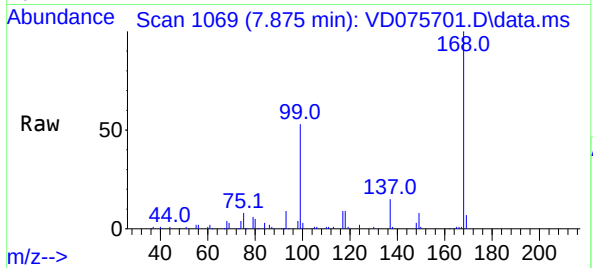




#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

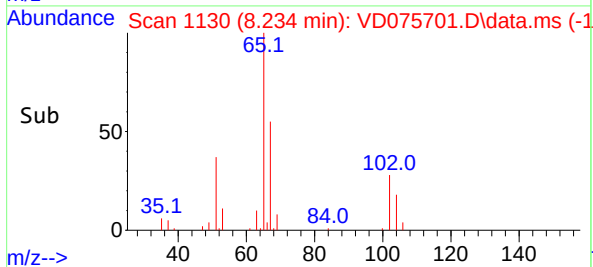
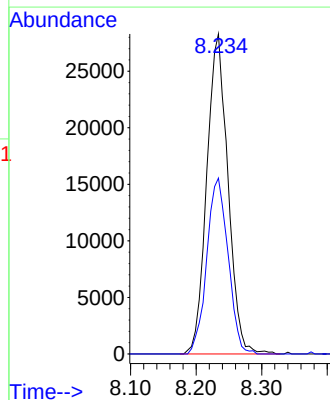
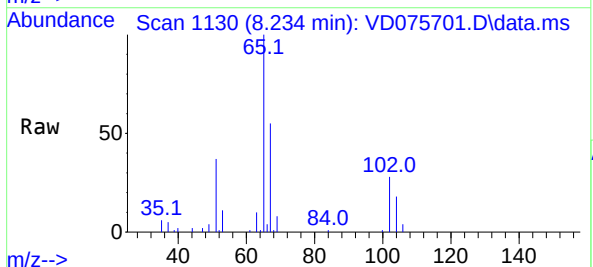
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-1RE

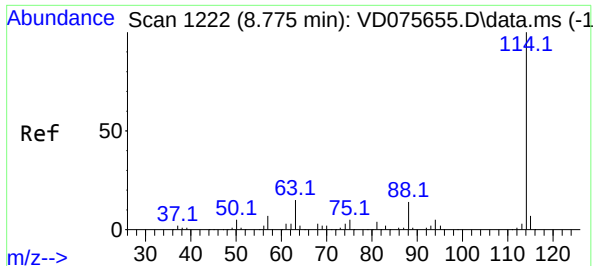
Tgt Ion: 56 Resp: 2816
Ion Ratio Lower Upper
56 100
69 150.3 25.5 38.3#
84 182.7 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 38.779 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

Tgt Ion: 65 Resp: 63447
Ion Ratio Lower Upper
65 100
67 55.3 0.0 102.2

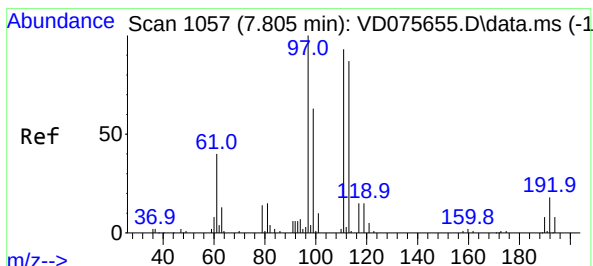
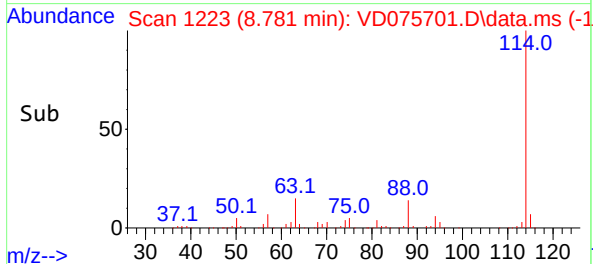
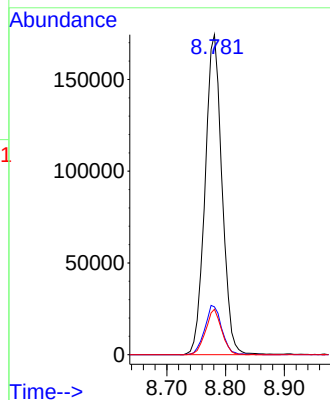
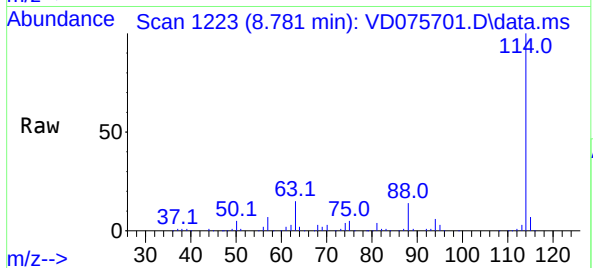




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

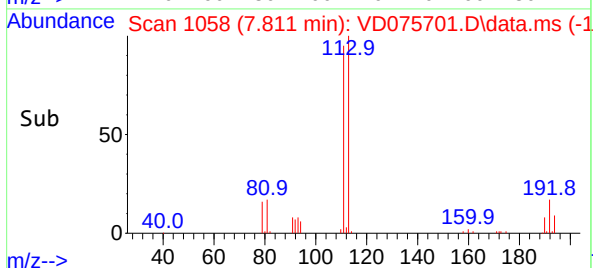
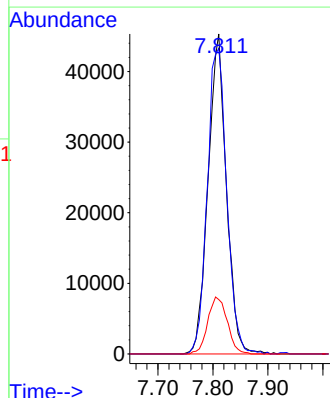
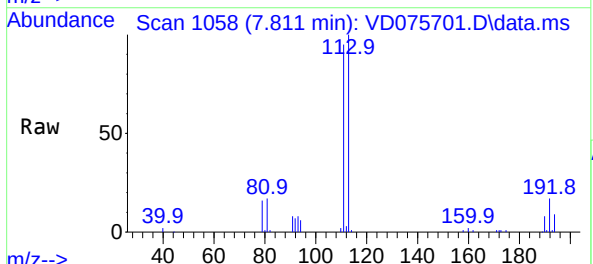
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-1RE

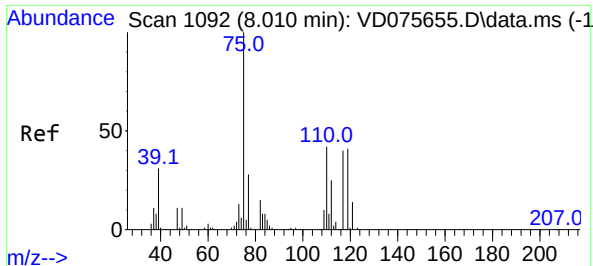
Tgt Ion:114 Resp: 349423
Ion Ratio Lower Upper
114 100
63 14.9 0.0 41.6
88 14.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 44.643 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

Tgt Ion:113 Resp: 104920
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 19.0 15.2 22.8





#36

1,1-Dichloropropene

Concen: 3.856 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075701.D

Acq: 17 Apr 2023 15:10

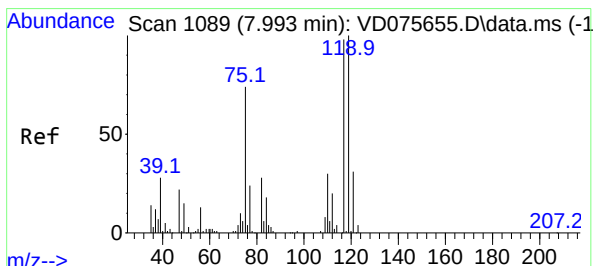
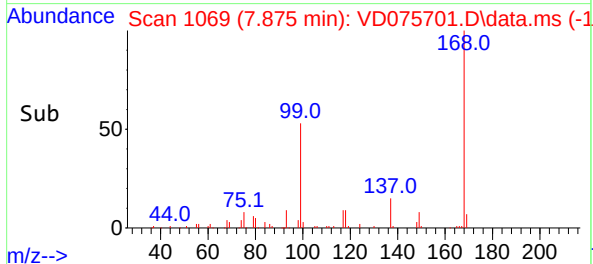
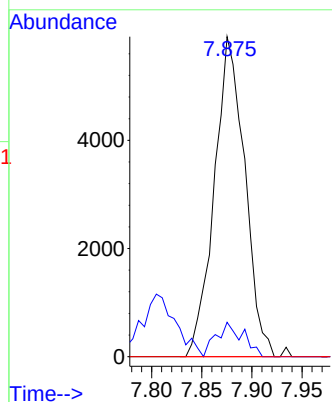
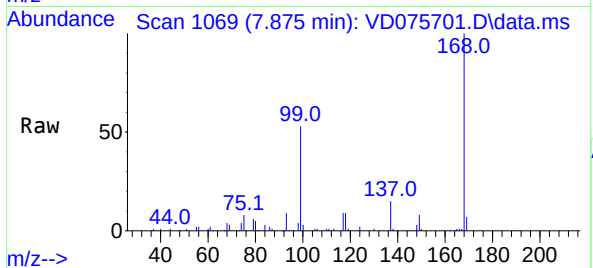
Instrument :

MSVOA_D

ClientSampleId :

PH1-BOT-1RE

Tgt Ion:	75	Resp:	12504
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.1	51.2#
77	0.0	24.6	36.8#



#38

Carbon Tetrachloride

Concen: 5.571 ug/l

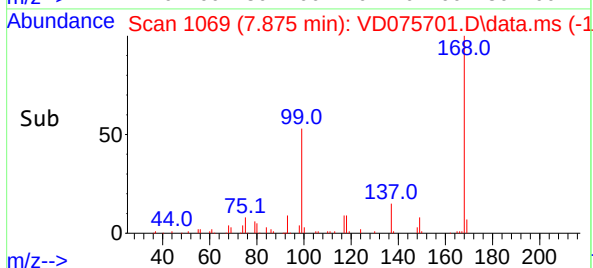
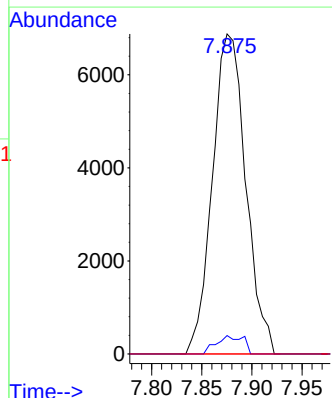
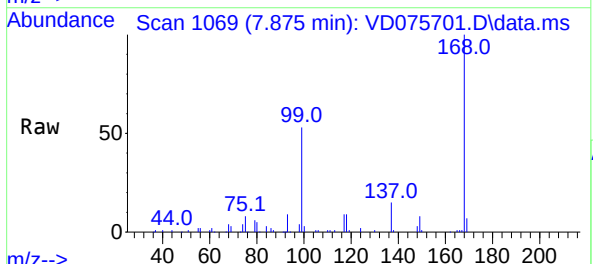
RT: 7.875 min Scan# 1069

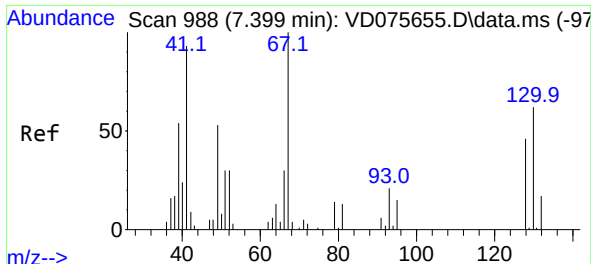
Delta R.T. -0.118 min

Lab File: VD075701.D

Acq: 17 Apr 2023 15:10

Tgt Ion:	117	Resp:	15905
Ion	Ratio	Lower	Upper
117	100		
119	5.8	74.7	112.1#
121	0.0	25.9	38.9#

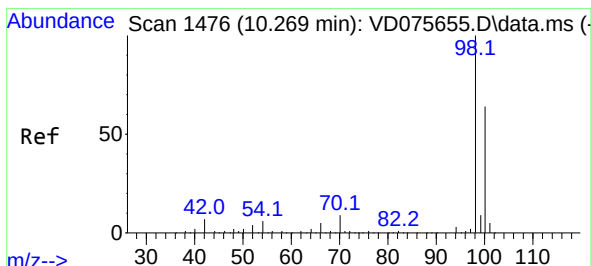
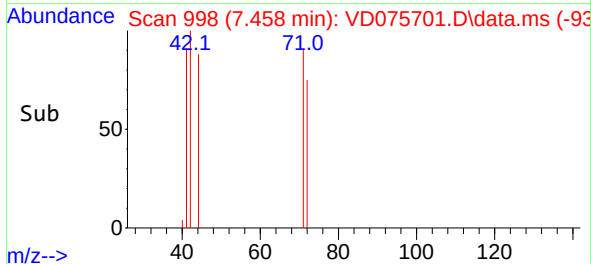
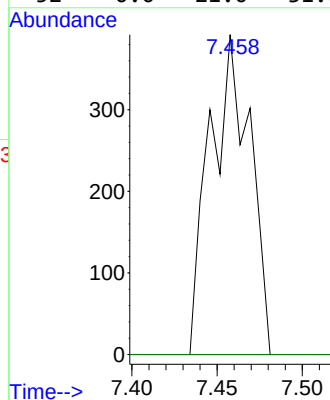
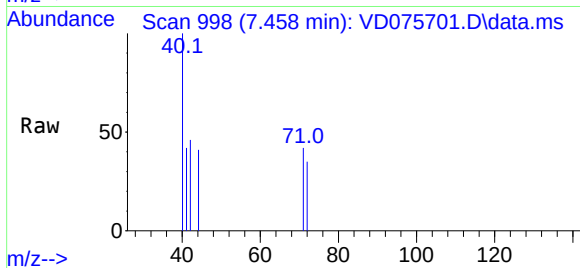




#41
Methacrylonitrile
Concen: 1.354 ug/l
RT: 7.458 min Scan# 991
Delta R.T. 0.059 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

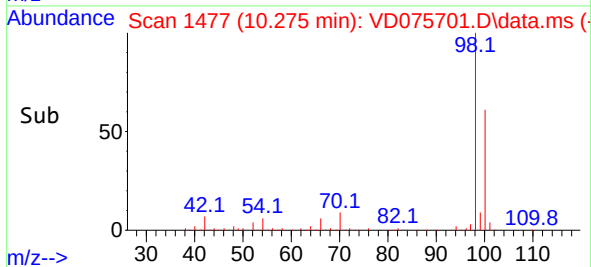
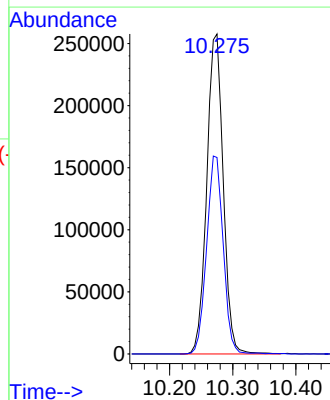
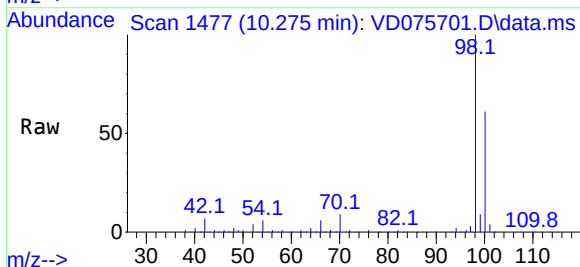
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-1RE

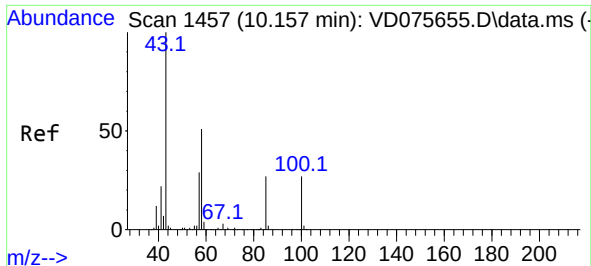
Tgt Ion: 41	Resp: 641
Ion Ratio	Lower Upper
41	100
39	0.0 45.3 67.9#
67	0.0 50.5 75.7#
52	0.0 21.0 31.6#



#50
Toluene-d8
Concen: 49.441 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

Tgt Ion: 98	Resp: 465322
Ion Ratio	Lower Upper
98	100
100	62.4 52.1 78.1

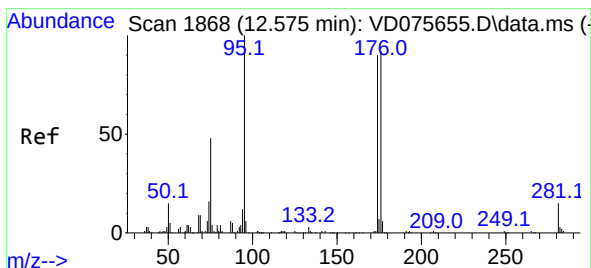
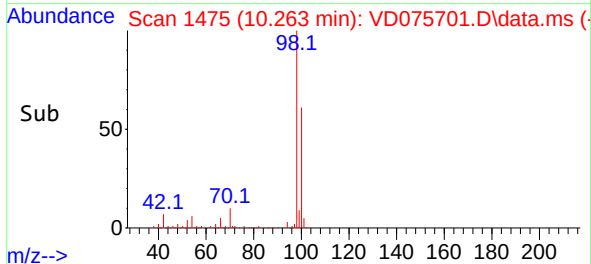
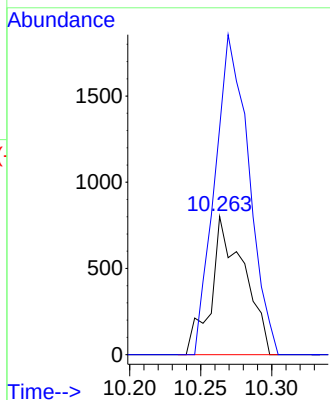
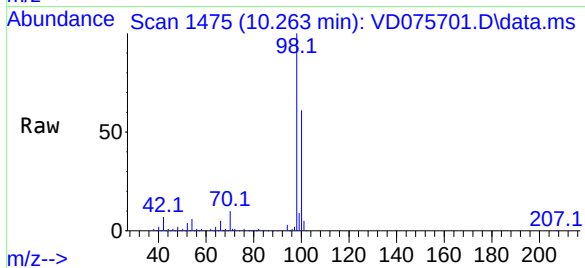




#51
4-Methyl-2-Pentanone
Concen: 1.351 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

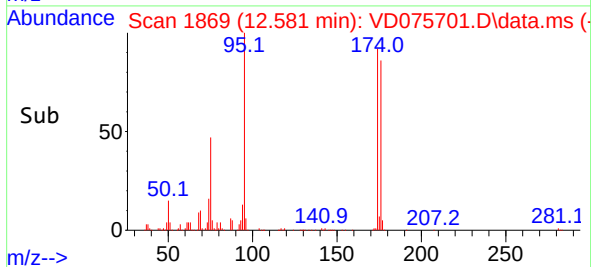
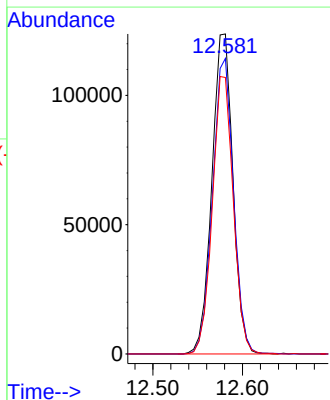
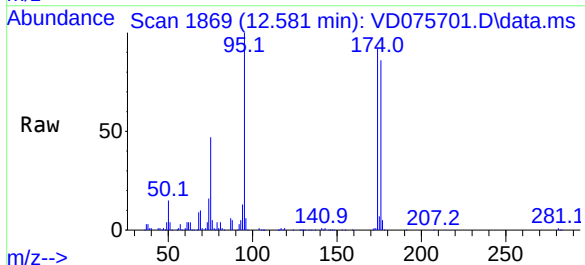
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-1RE

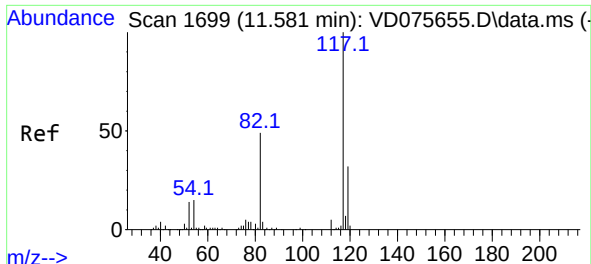
Tgt Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
58 238.7 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 80.584 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

Tgt Ion: 95 Resp: 201588
Ion Ratio Lower Upper
95 100
174 92.0 0.0 164.0
176 86.2 0.0 156.8

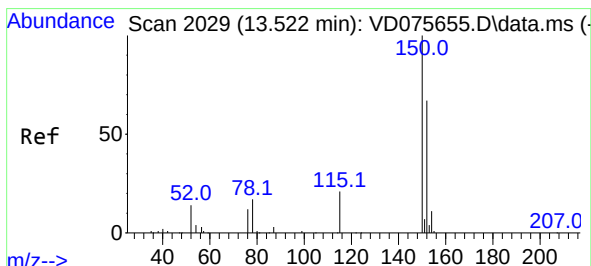
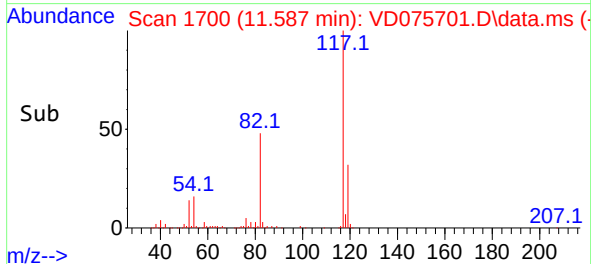
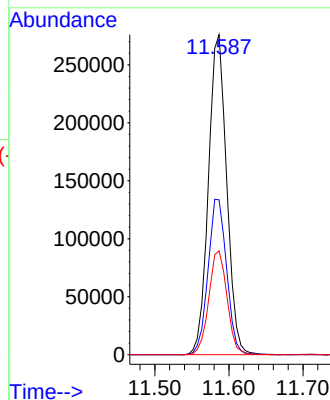
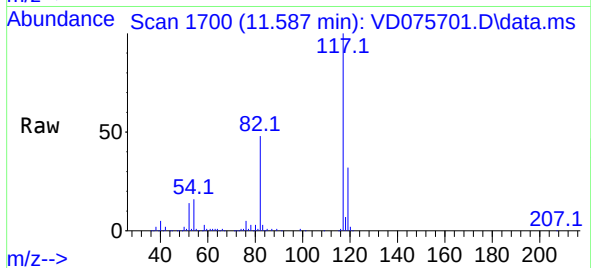




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

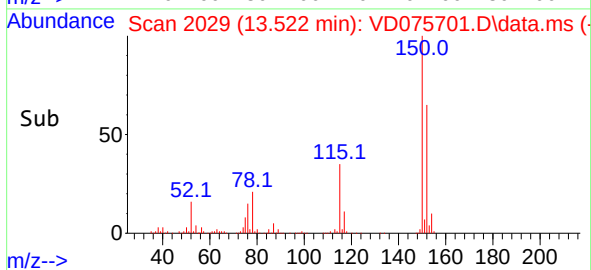
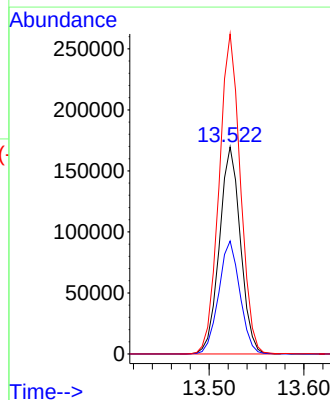
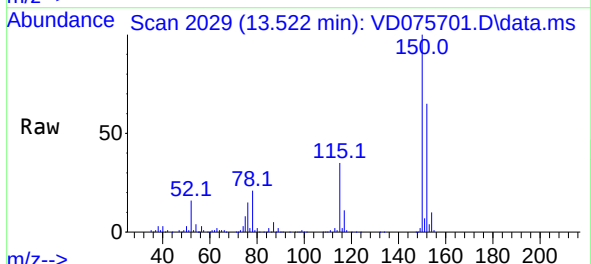
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-1RE

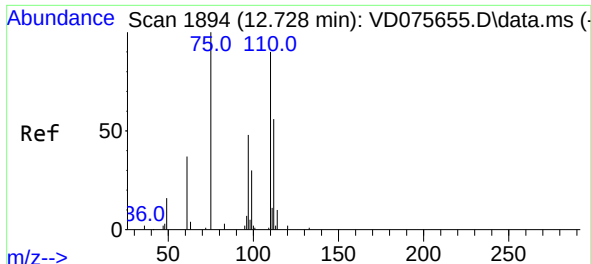
Tgt Ion:117 Resp: 472605
Ion Ratio Lower Upper
117 100
82 48.4 44.0 66.0
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

Tgt Ion:152 Resp: 262133
Ion Ratio Lower Upper
152 100
115 55.0 30.1 90.3
150 156.1 0.0 364.8

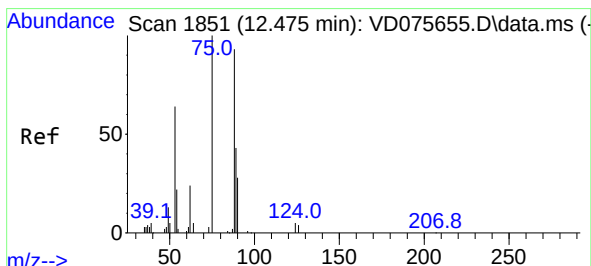
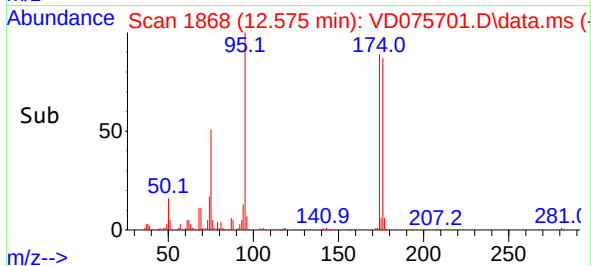
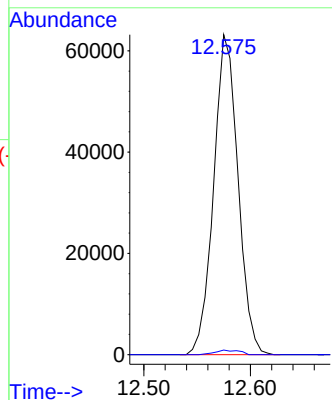
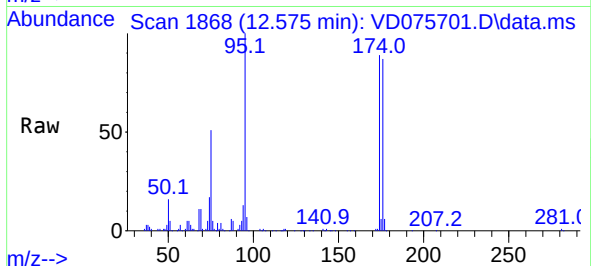




#76
1,2,3-Trichloropropane
Concen: 46.960 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-1RE

Tgt Ion: 75 Resp: 100385
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.781 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

Tgt Ion: 75 Resp: 100385
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 40.2 60.4#

