

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074602.D
 Acq On : 20 Oct 2022 17:18
 Operator : VA/SY
 Sample : N5219-04
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKYARD-BOTTOM-B

Quant Time: Oct 21 03:09:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

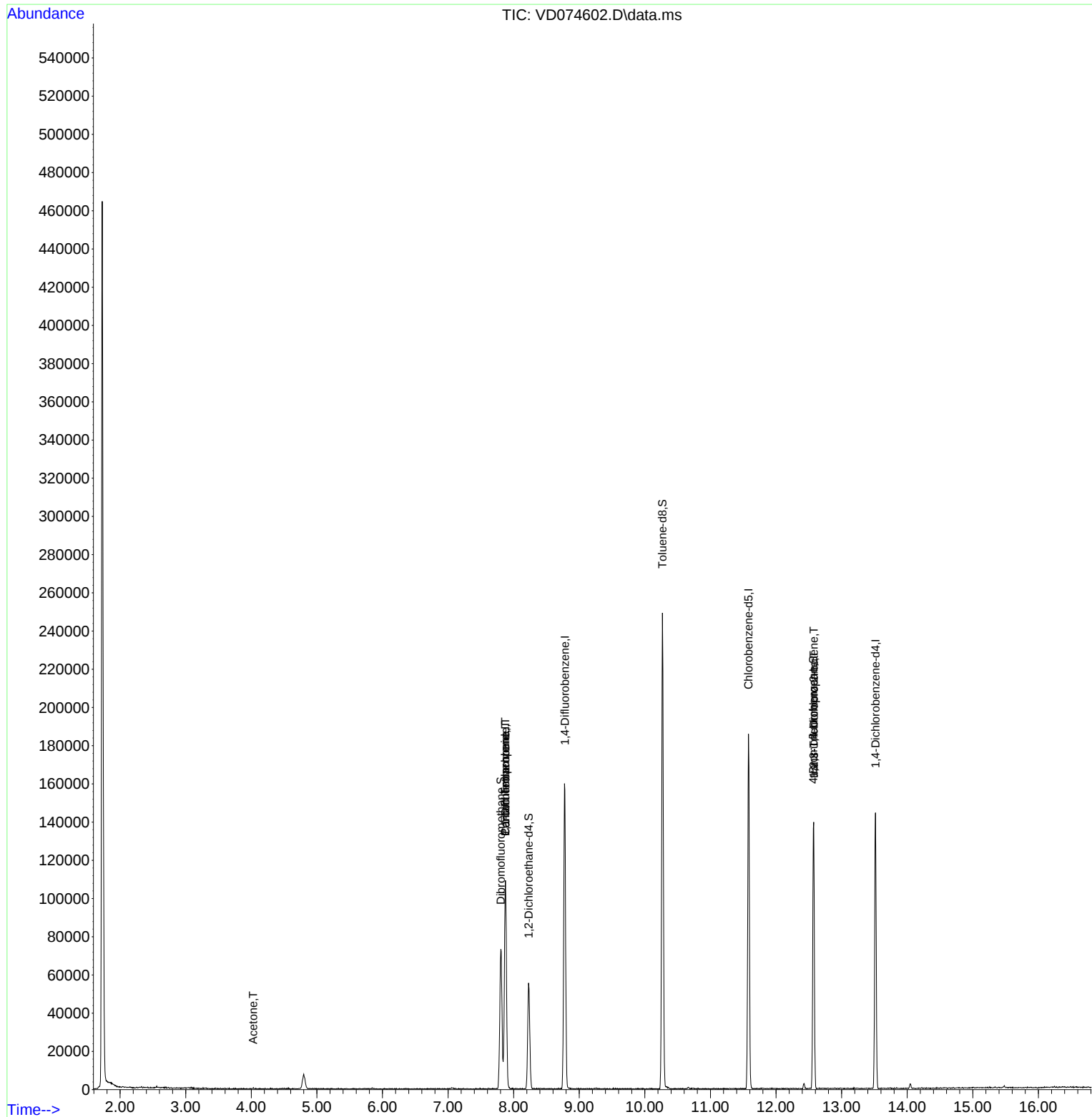
Internal Standards						
1) Pentafluorobenzene	7.875	168	91369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	153881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	117585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	41804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	43527	62.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.800%	
35) Dibromofluoromethane	7.804	113	52889	62.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.620%	
50) Toluene-d8	10.269	98	178648	58.003	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.000%	
62) 4-Bromofluorobenzene	12.569	95	41617	46.847	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.700%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	591	3.880	ug/l #	37
18) Methyl Acetate	4.558	43	218	Below Cal	#	44
20) Methylene Chloride	4.799	84	6792	Below Cal	#	86
36) 1,1-Dichloropropene	7.875	75	5771	4.175	ug/l #	48
38) Carbon Tetrachloride	7.875	117	8306	6.136	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	20686	56.671	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	20686	144.822	ug/l #	17

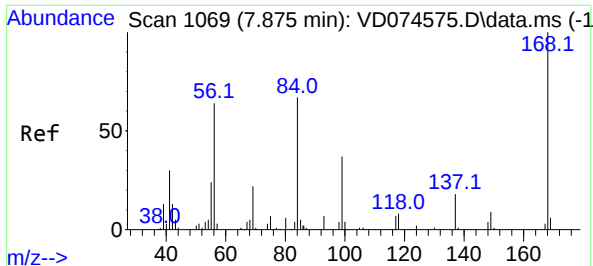
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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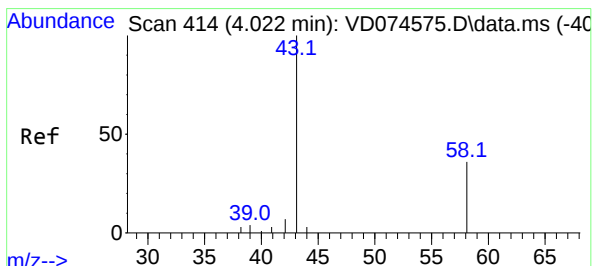
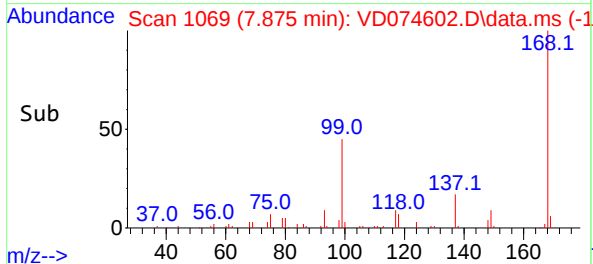
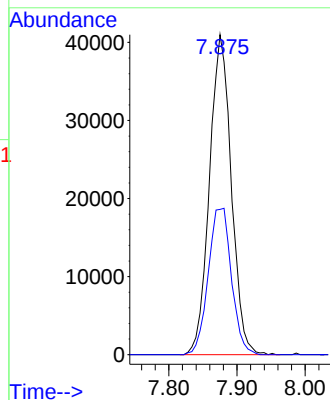
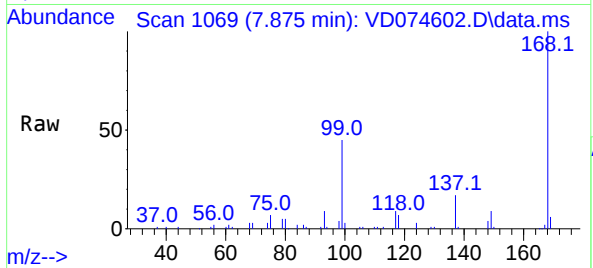




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074602.D
Acq: 20 Oct 2022 17:18

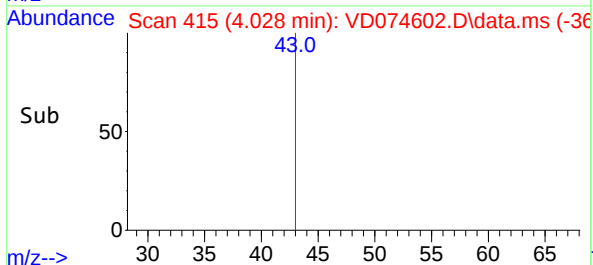
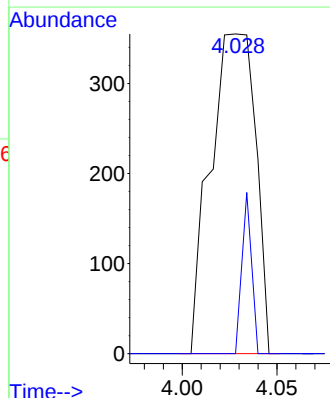
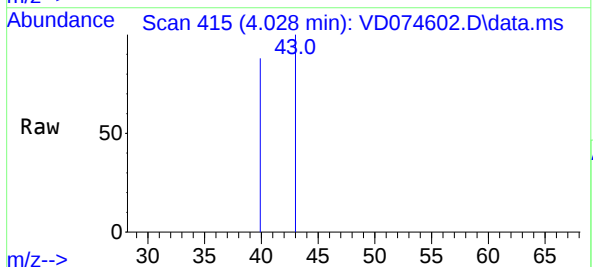
Instrument :
MSVOA_D
ClientSampleId :
BACKYARD-BOTTOM-B

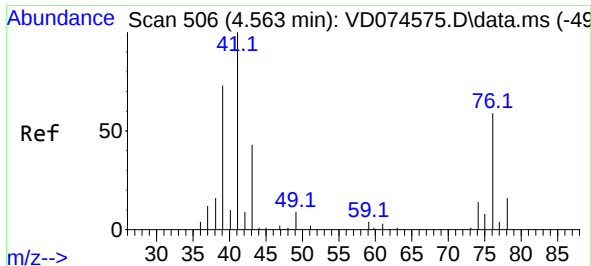
Tgt Ion:168 Resp: 91369
Ion Ratio Lower Upper
168 100
99 45.4 40.9 61.3



#16
Acetone
Concen: 3.880 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074602.D
Acq: 20 Oct 2022 17:18

Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

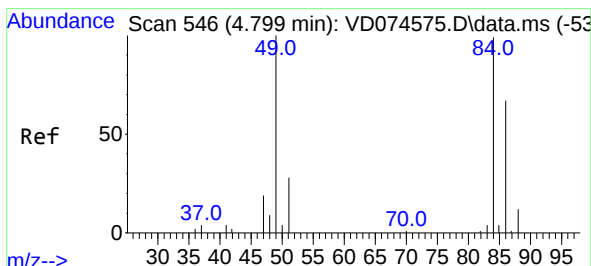
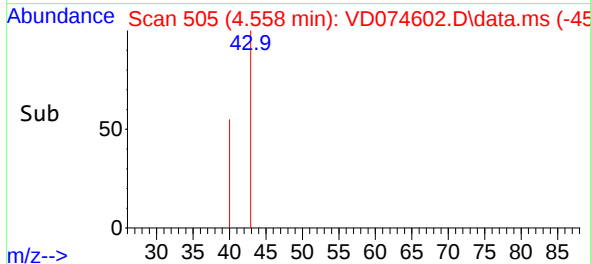
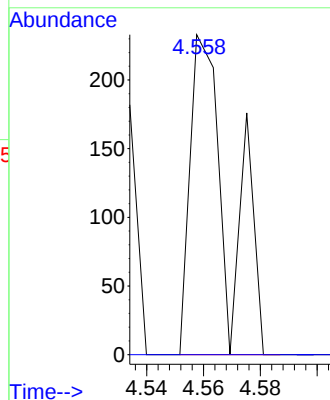
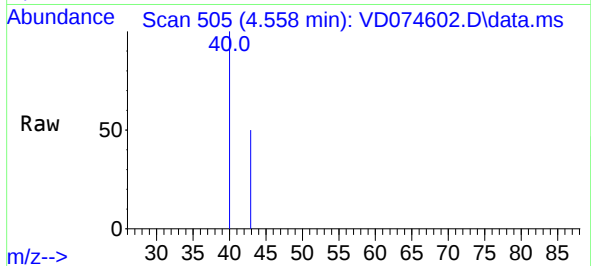




#18
Methyl Acetate
Concen: Below Cal
RT: 4.558 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD074602.D
Acq: 20 Oct 2022 17:18

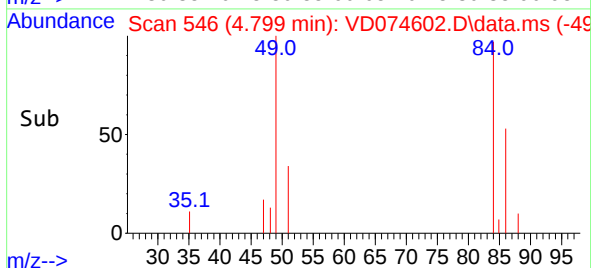
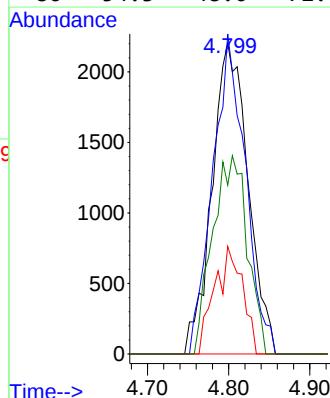
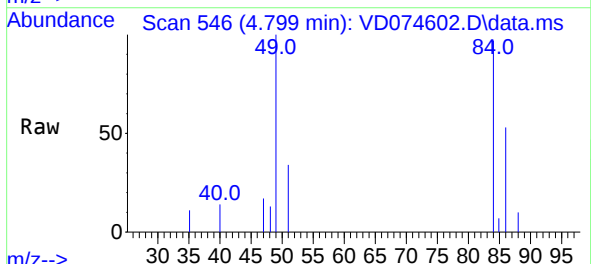
Instrument :
MSVOA_D
ClientSampleId :
BACKYARD-BOTTOM-B

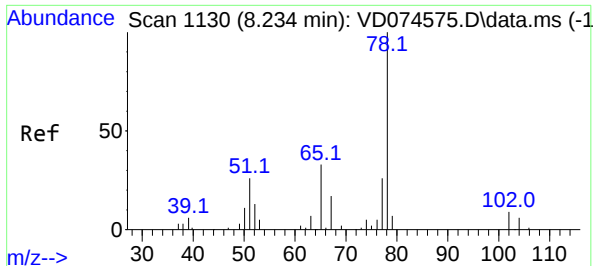
Tgt Ion: 43 Resp: 218
Ion Ratio Lower Upper
43 100
74 0.0 24.7 37.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074602.D
Acq: 20 Oct 2022 17:18

Tgt Ion: 84 Resp: 6792
Ion Ratio Lower Upper
84 100
49 102.9 68.0 102.0#
51 34.6 23.2 34.8
86 54.3 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 62.397 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074602.D

Acq: 20 Oct 2022 17:18

Instrument :

MSVOA_D

ClientSampleId :

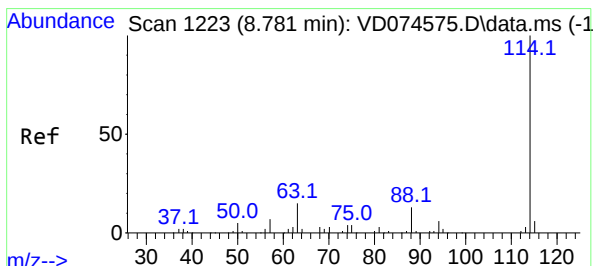
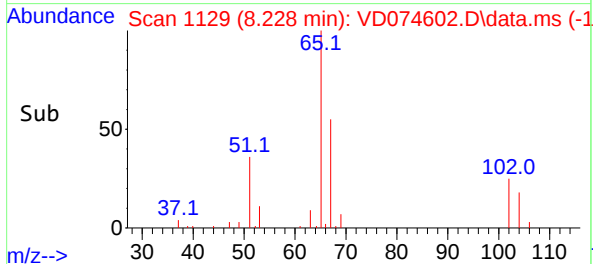
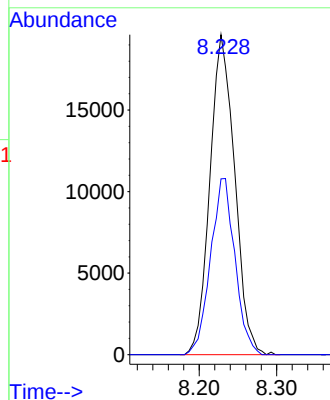
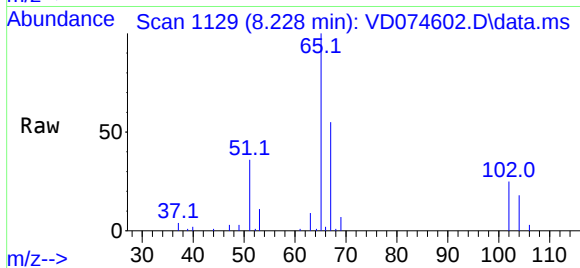
BACKYARD-BOTTOM-B

Tgt Ion: 65 Resp: 43527

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074602.D

Acq: 20 Oct 2022 17:18

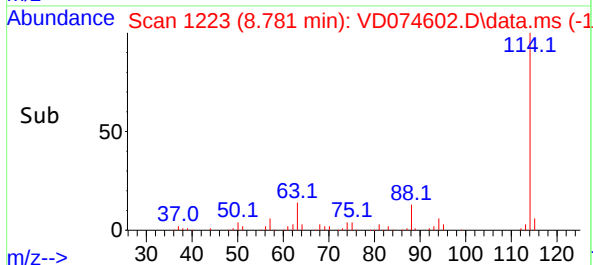
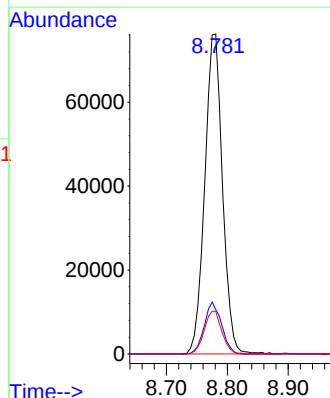
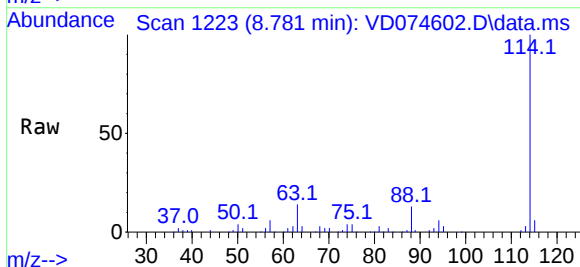
Tgt Ion:114 Resp: 153881

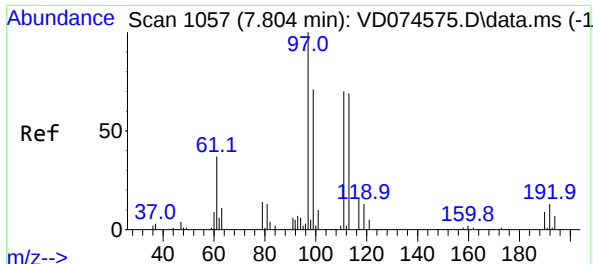
Ion Ratio Lower Upper

114 100

63 13.9 0.0 33.2

88 13.4 0.0 28.2



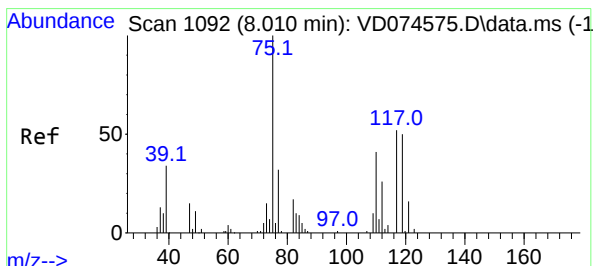
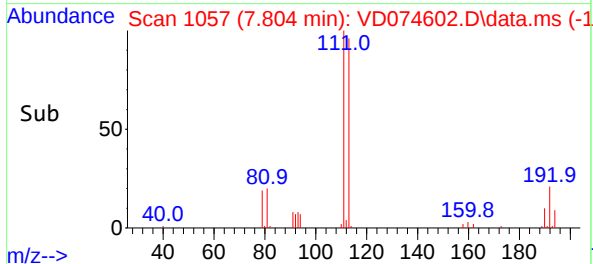
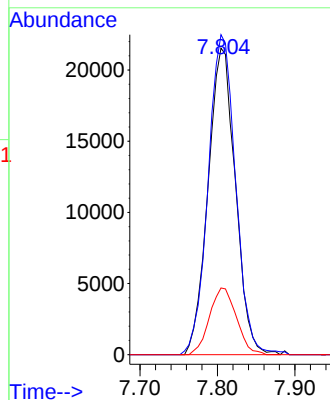
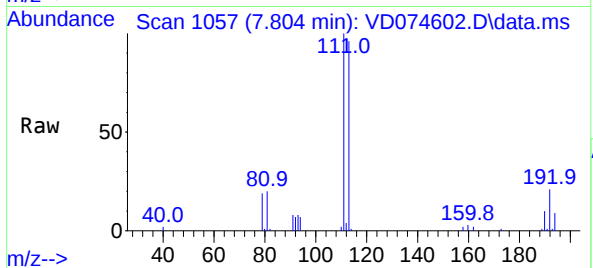


#35
Dibromofluoromethane
Concen: 62.307 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074602.D
Acq: 20 Oct 2022 17:18

Instrument :
MSVOA_D
ClientSampleId :
BACKYARD-BOTTOM-B

Tgt Ion:113 Resp: 52889

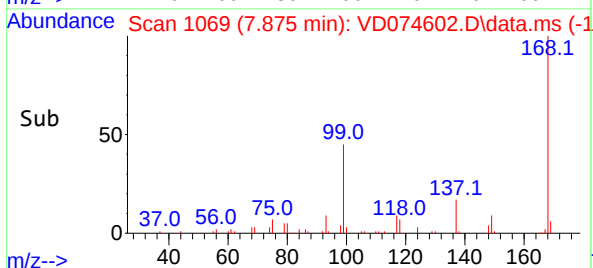
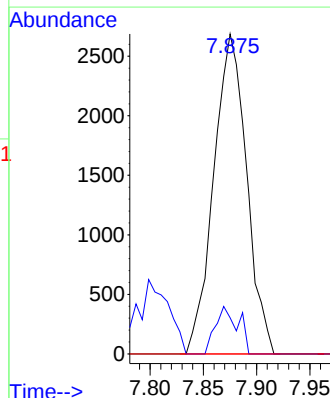
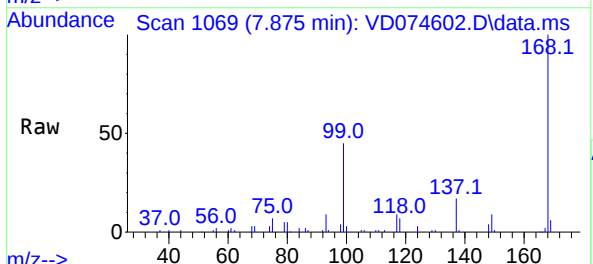
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.3	123.5
192	21.5	16.4	24.6

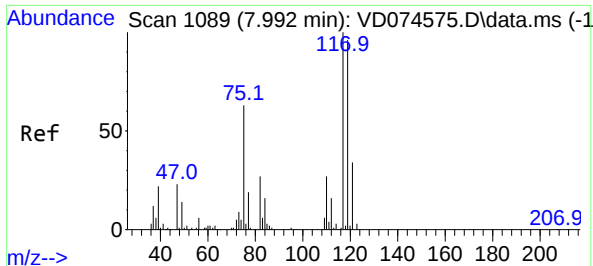


#36
1,1-Dichloropropene
Concen: 4.175 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074602.D
Acq: 20 Oct 2022 17:18

Tgt Ion: 75 Resp: 5771

Ion	Ratio	Lower	Upper
75	100		
110	10.3	19.7	59.0#
77	0.0	25.4	38.2#

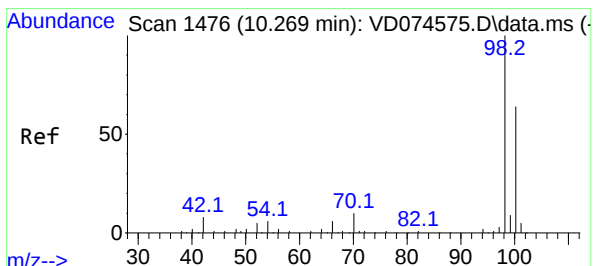
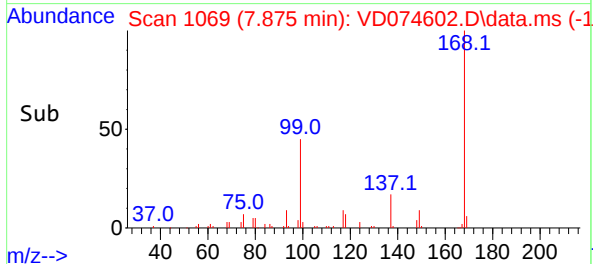
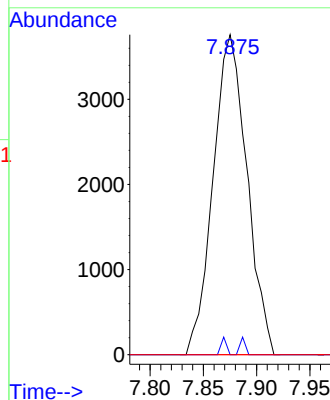
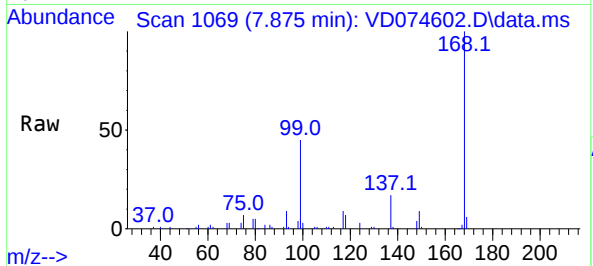




#38
Carbon Tetrachloride
Concen: 6.136 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD074602.D
Acq: 20 Oct 2022 17:18

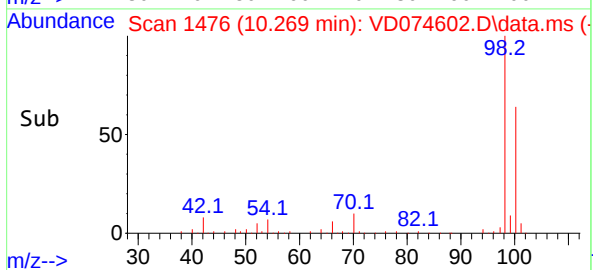
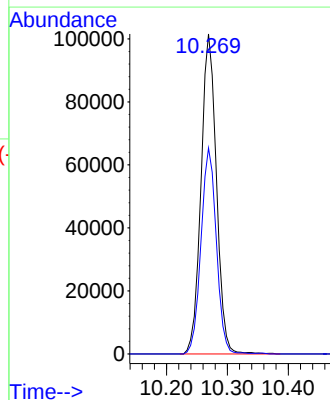
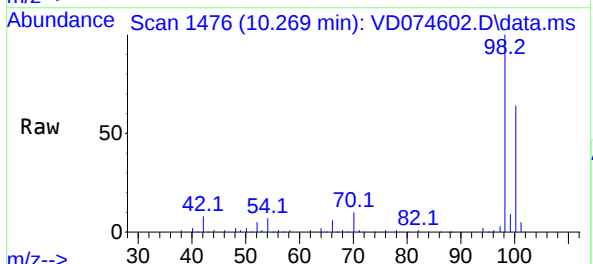
Instrument :
MSVOA_D
ClientSampleId :
BACKYARD-BOTTOM-B

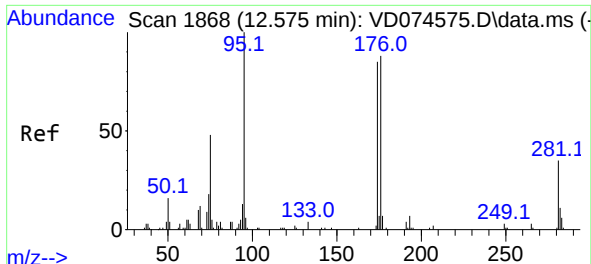
Tgt Ion:117 Resp: 8306
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 58.003 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074602.D
Acq: 20 Oct 2022 17:18

Tgt Ion: 98 Resp: 178648
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0

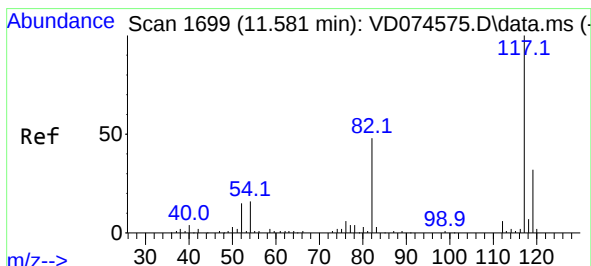
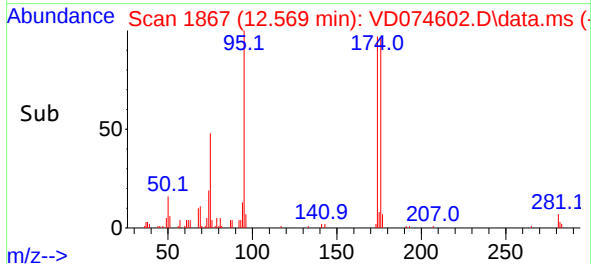
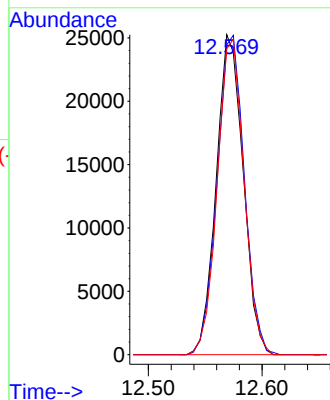
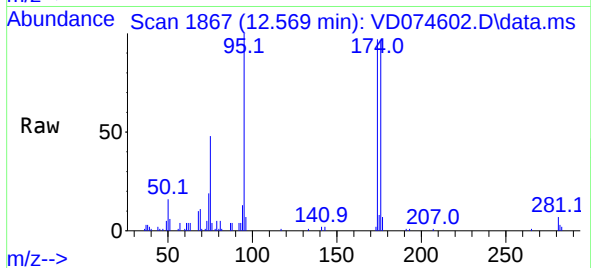




#62
4-Bromofluorobenzene
Concen: 46.847 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074602.D
Acq: 20 Oct 2022 17:18

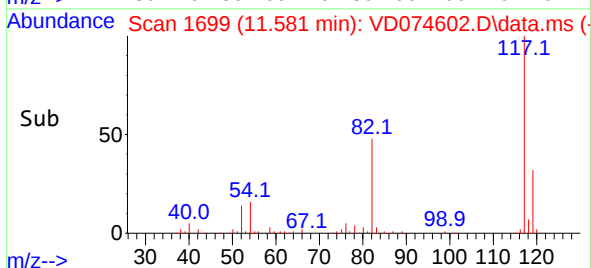
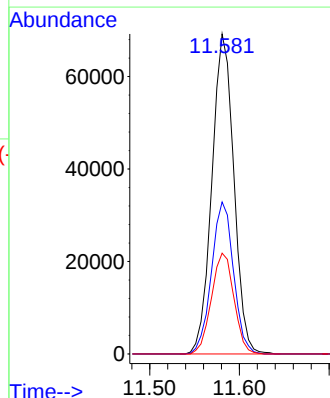
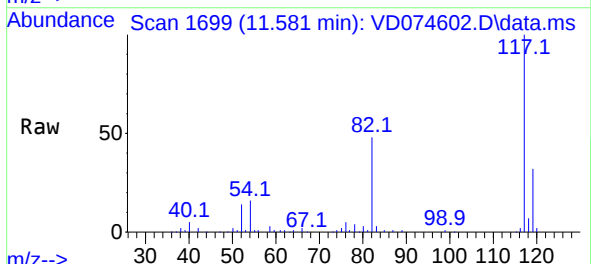
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BACKYARD-BOTTOM-B

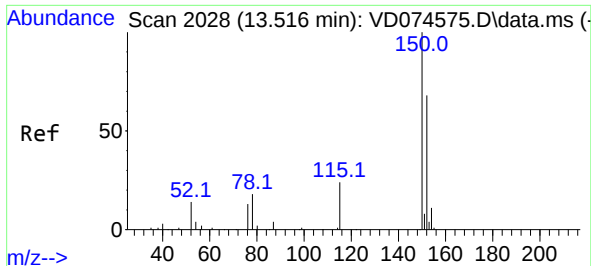
Tgt Ion:	95	Resp:	41617
Ion	Ratio	Lower	Upper
95	100		
174	100.8	0.0	197.0
176	97.5	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074602.D
Acq: 20 Oct 2022 17:18

Tgt Ion:	117	Resp:	117585
Ion	Ratio	Lower	Upper
117	100		
82	47.5	41.6	62.4
119	31.5	25.2	37.8

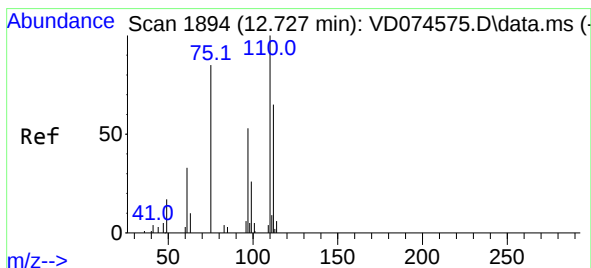
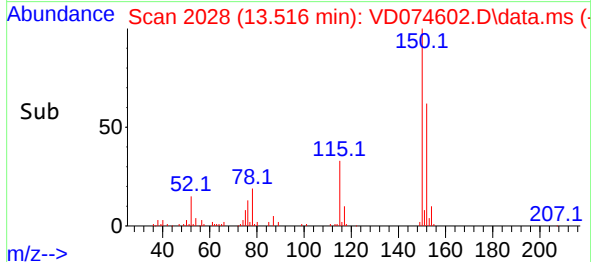
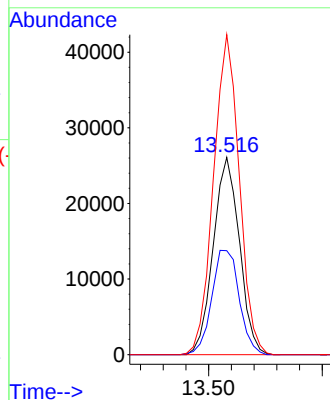
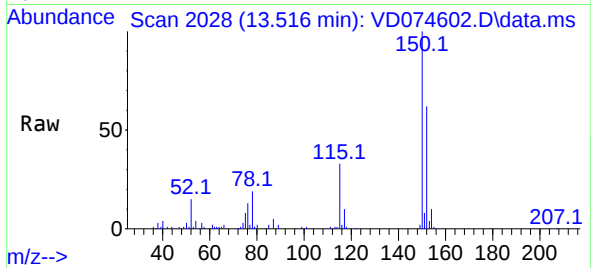




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074602.D
Acq: 20 Oct 2022 17:18

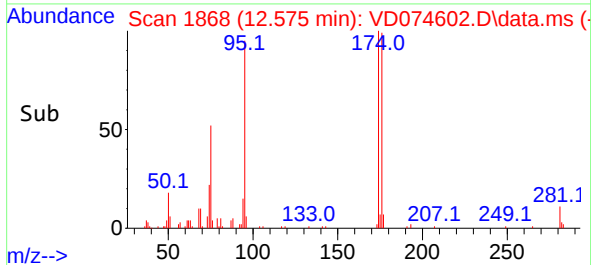
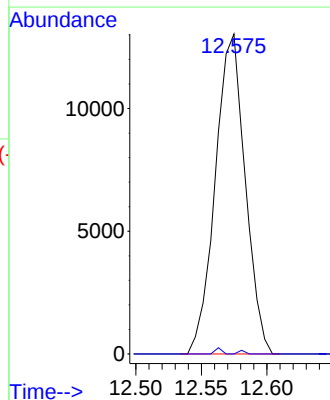
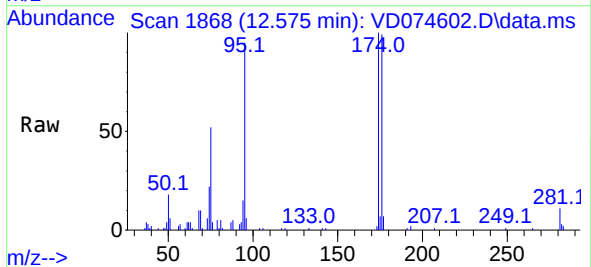
Instrument :
MSVOA_D
ClientSampleId :
BACKYARD-BOTTOM-B

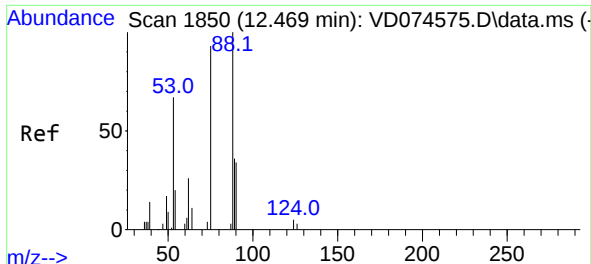
Tgt Ion:152 Resp: 41804
Ion Ratio Lower Upper
152 100
115 55.5 26.8 80.4
150 159.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 56.671 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.141 min
Lab File: VD074602.D
Acq: 20 Oct 2022 17:18

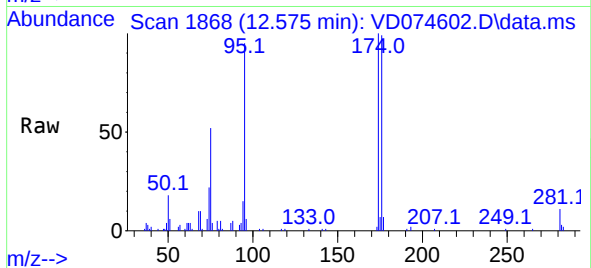
Tgt Ion: 75 Resp: 20686
Ion Ratio Lower Upper
75 100
77 0.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.822 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD074602.D
 Acq: 20 Oct 2022 17:18

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKYARD-BOTTOM-B



Tgt Ion: 75 Resp: 20686
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

