

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074374.D
 Acq On : 20 Sep 2022 19:13
 Operator : VA/SY
 Sample : N4668-08
 Misc : 6.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A5-6-18

Quant Time: Sep 21 02:25:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

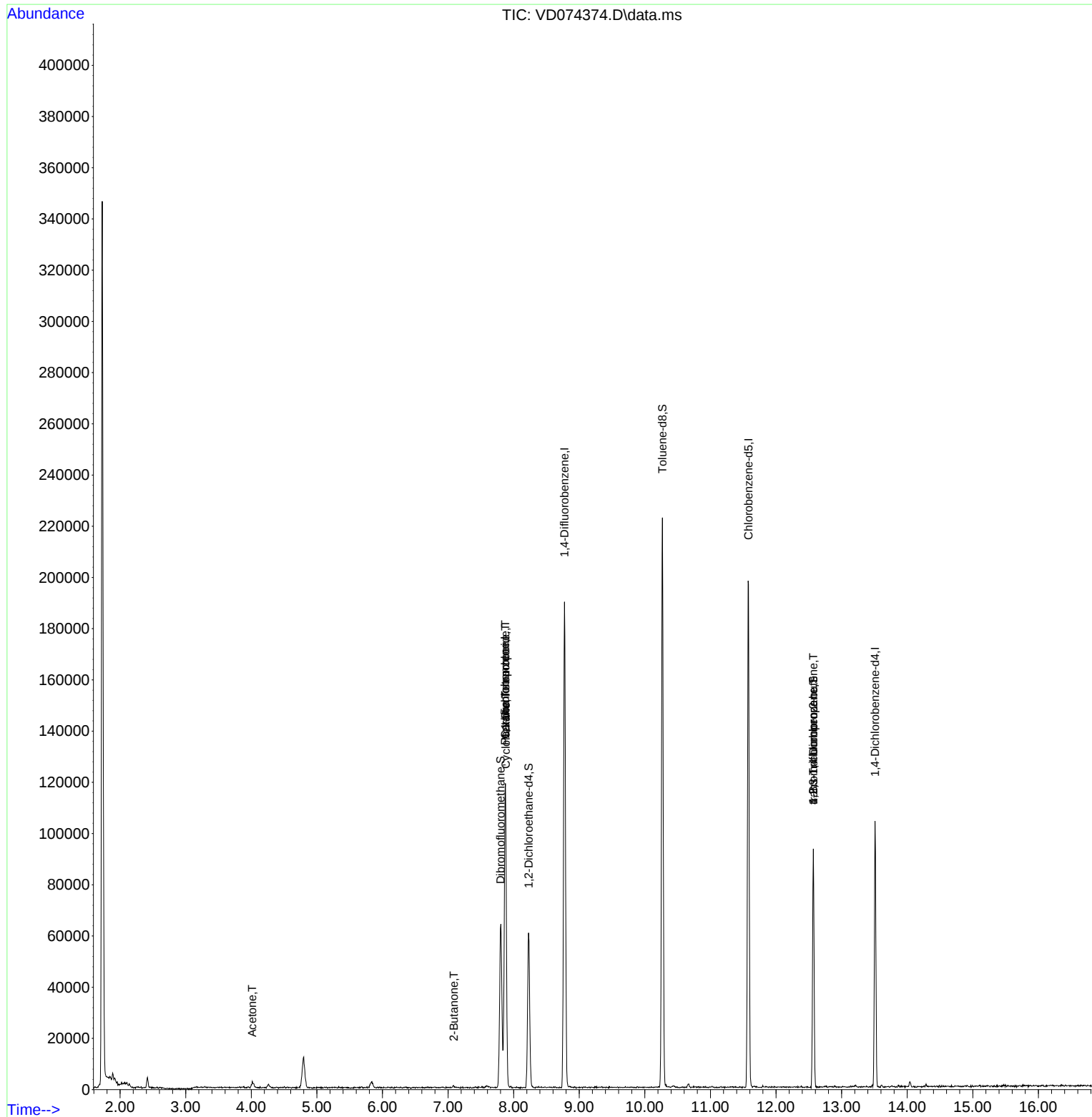
Internal Standards						
1) Pentafluorobenzene	7.869	168	92064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	169090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	115475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	27940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	46781	52.169	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.340%
35) Dibromofluoromethane	7.799	113	46209	41.494	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.980%
50) Toluene-d8	10.269	98	153115	39.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.700%
62) 4-Bromofluorobenzene	12.569	95	26764	16.751	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	33.500%
Target Compounds						
16) Acetone	4.016	43	3540	17.523	ug/l	92
20) Methylene Chloride	4.799	84	8660	Below Cal		96
25) 2-Butanone	7.087	43	493	1.638	ug/l #	48
31) Cyclohexane	7.881	56	2085	1.109	ug/l #	30
36) 1,1-Dichloropropene	7.875	75	7321	4.307	ug/l #	49
38) Carbon Tetrachloride	7.875	117	9348	6.205	ug/l #	15
76) 1,2,3-Trichloropropane	12.569	75	14089	54.501	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	14089	136.594	ug/l #	100

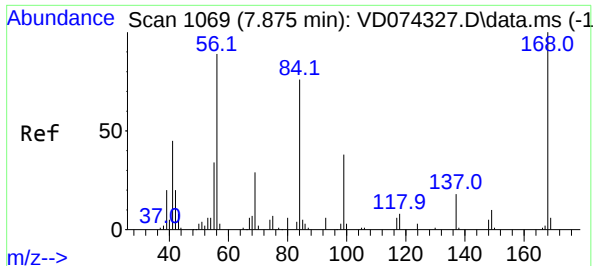
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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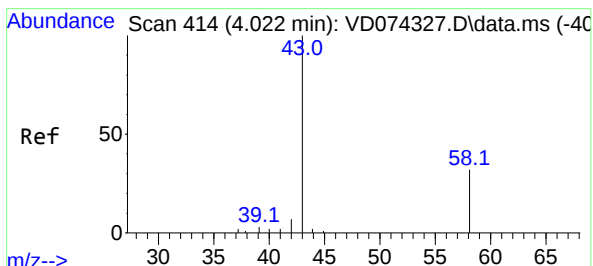
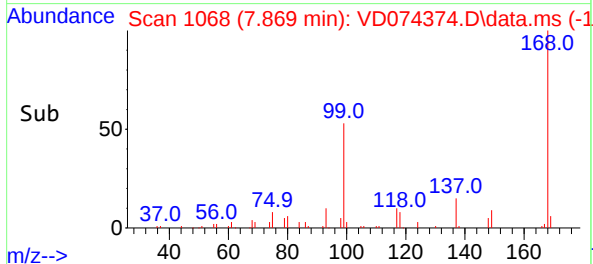
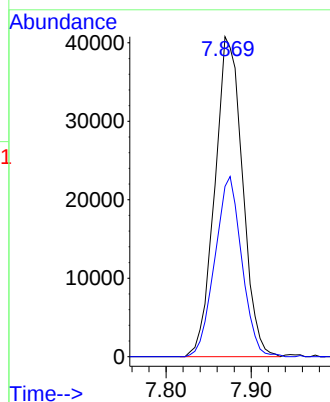
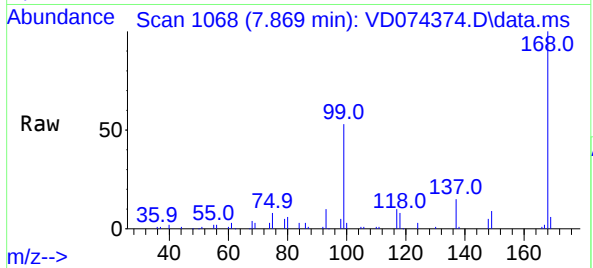




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

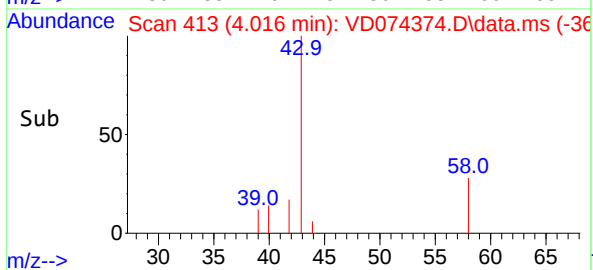
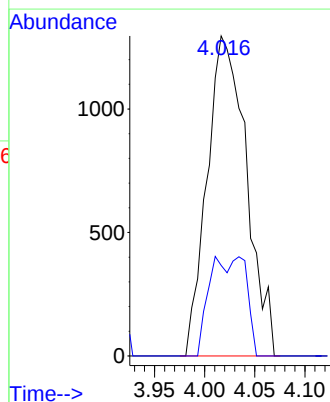
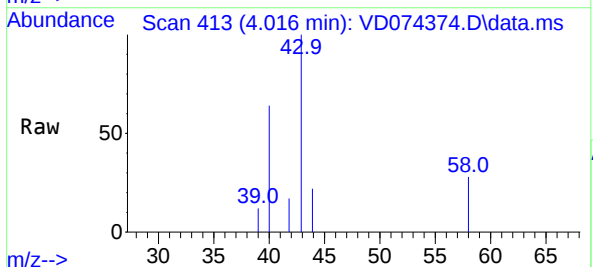
Instrument :
MSVOA_D
ClientSampleId :
A5-6-18

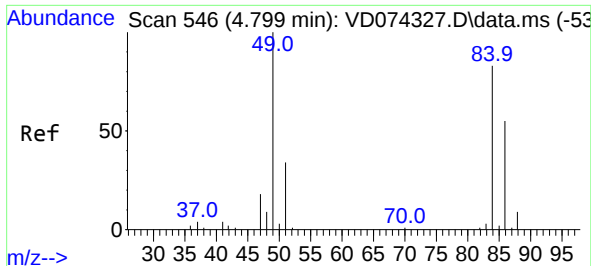
Tgt Ion:168 Resp: 92064
Ion Ratio Lower Upper
168 100
99 53.2 43.0 64.6



#16
Acetone
Concen: 17.523 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

Tgt Ion: 43 Resp: 3540
Ion Ratio Lower Upper
43 100
58 28.3 26.4 39.6

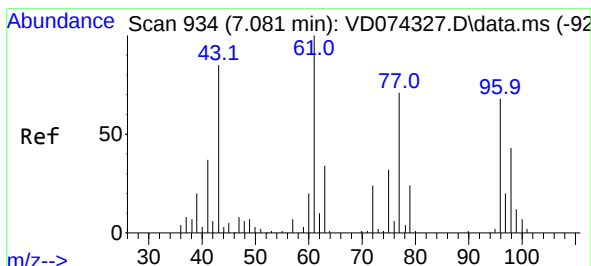
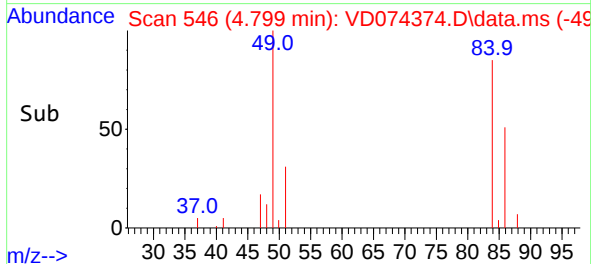
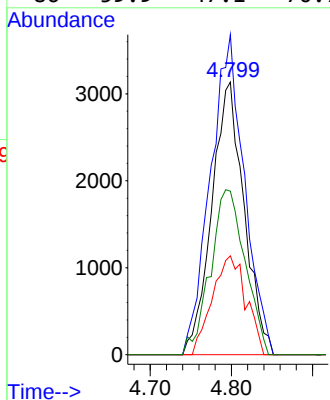
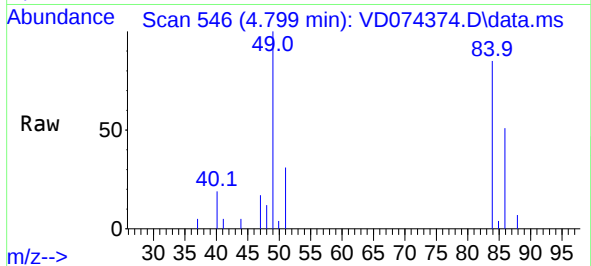




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

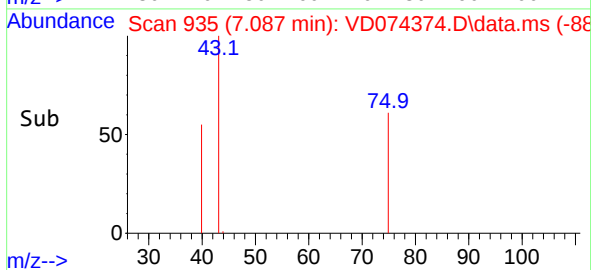
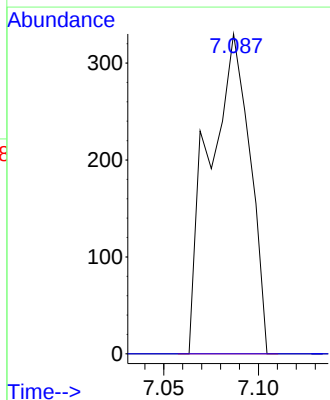
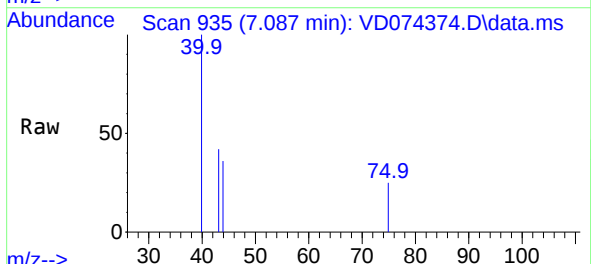
Instrument :
MSVOA_D
ClientSampleId :
A5-6-18

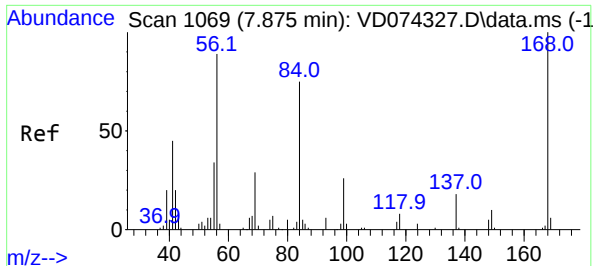
Tgt Ion: 84	Resp:	8660	
Ion	Ratio	Lower	Upper
84	100		
49	117.3	88.4	132.6
51	36.3	28.0	42.0
86	59.9	47.1	70.7



#25
2-Butanone
Concen: 1.638 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

Tgt Ion: 43	Resp:	493	
Ion Ratio	Lower	Upper	
43 100			
72 0.0	21.8	32.6#	

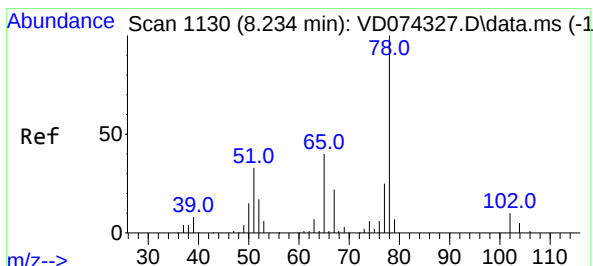
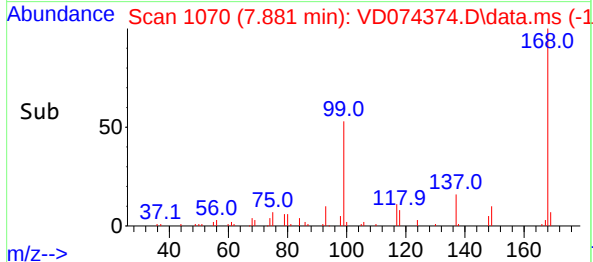
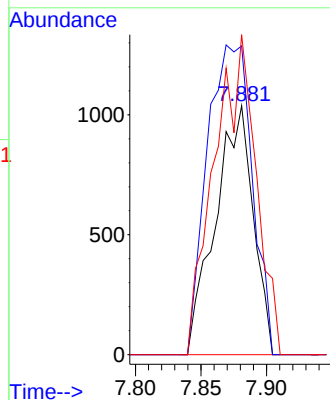
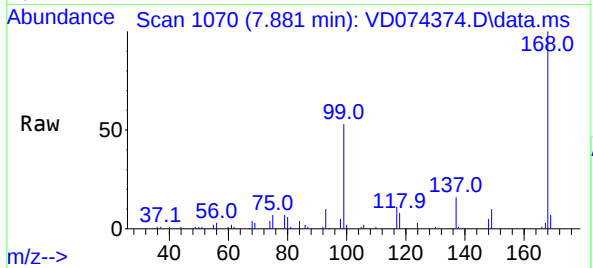




#31
Cyclohexane
Concen: 1.109 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

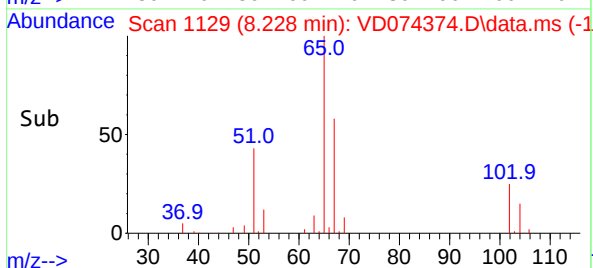
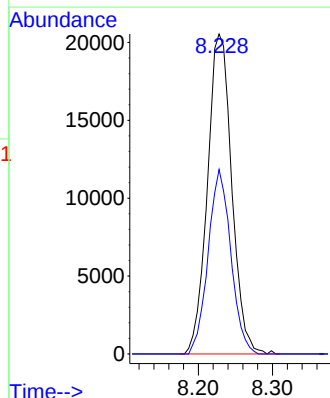
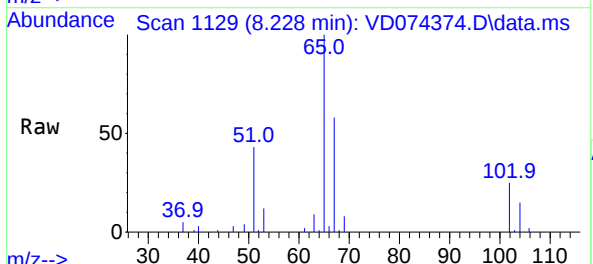
Instrument :
MSVOA_D
ClientSampleId :
A5-6-18

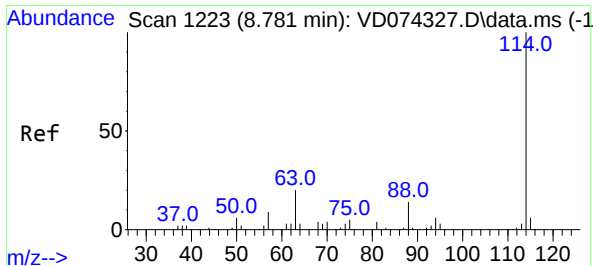
Tgt Ion: 56 Resp: 2085
Ion Ratio Lower Upper
56 100
69 124.0 25.7 38.5#
84 128.5 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 52.169 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

Tgt Ion: 65 Resp: 46781
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074374.D

Acq: 20 Sep 2022 19:13

Instrument :

MSVOA_D

ClientSampleId :

A5-6-18

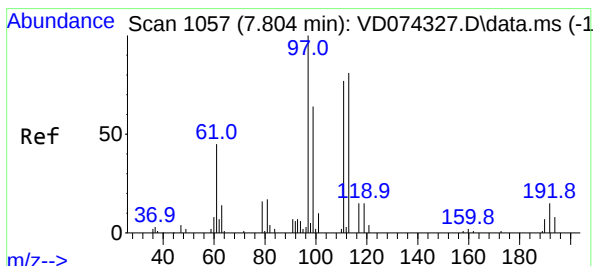
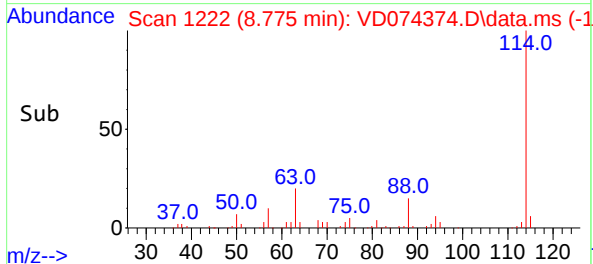
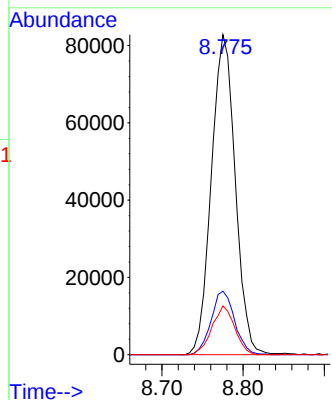
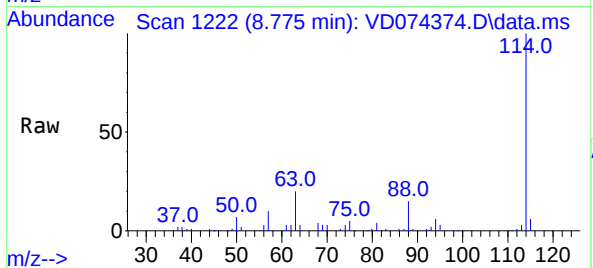
Tgt Ion:114 Resp: 169090

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.6

88 15.2 0.0 28.4



#35

Dibromofluoromethane

Concen: 41.494 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.005 min

Lab File: VD074374.D

Acq: 20 Sep 2022 19:13

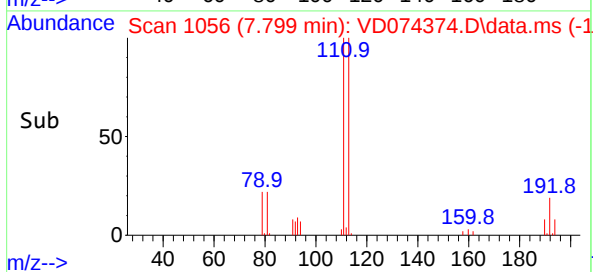
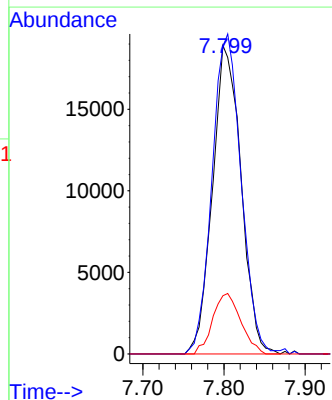
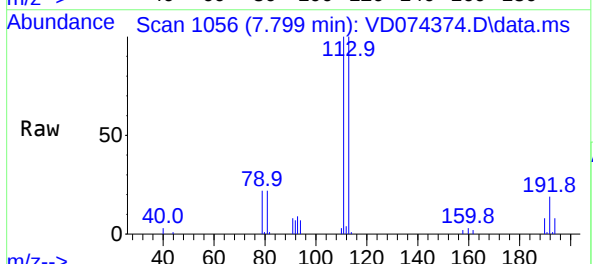
Tgt Ion:113 Resp: 46209

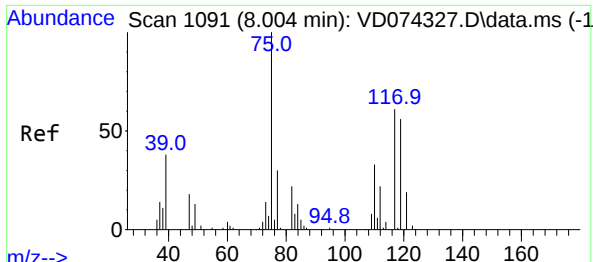
Ion Ratio Lower Upper

113 100

111 105.4 83.0 124.6

192 19.3 16.2 24.2

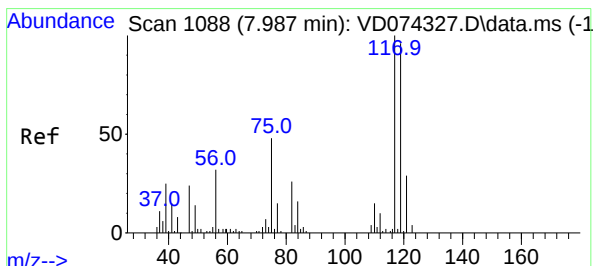
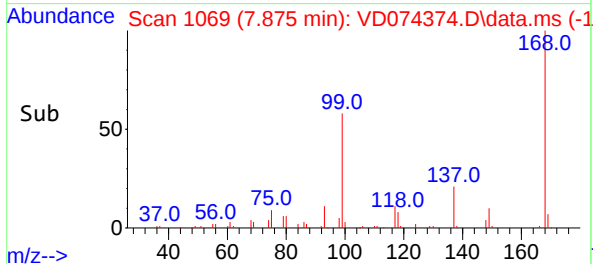
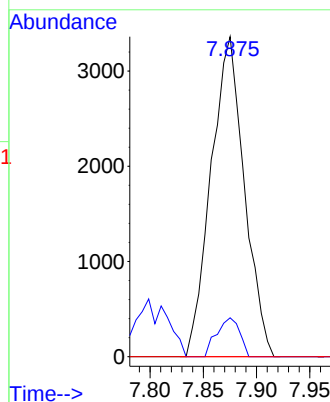
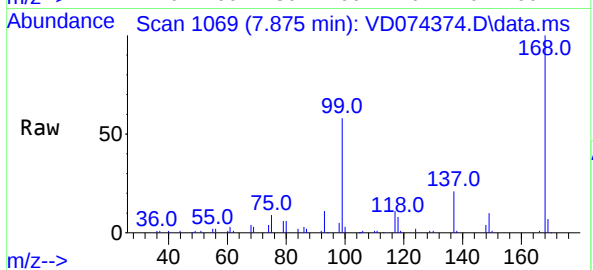




#36
1,1-Dichloropropene
Concen: 4.307 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

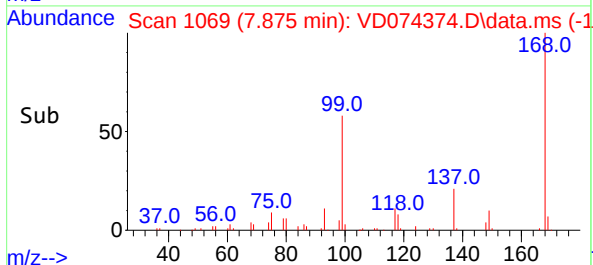
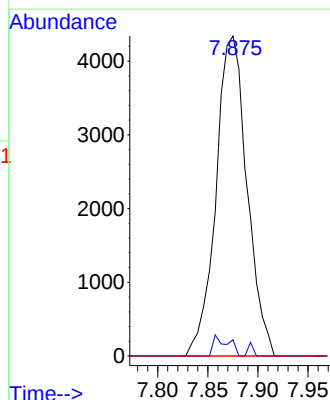
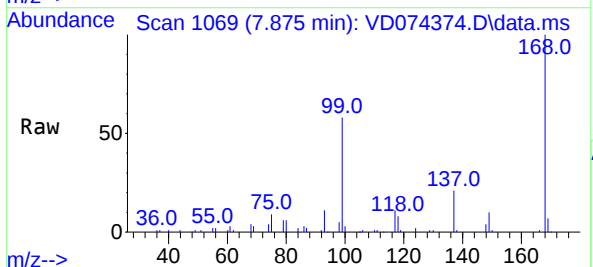
Instrument :
MSVOA_D
ClientSampleId :
A5-6-18

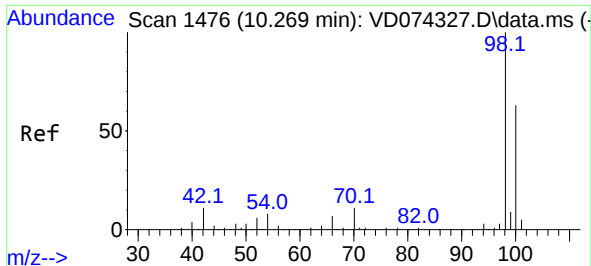
Tgt Ion: 75 Resp: 7321
Ion Ratio Lower Upper
75 100
110 8.3 17.5 52.5#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.205 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

Tgt Ion: 117 Resp: 9348
Ion Ratio Lower Upper
117 100
119 5.0 78.8 118.2#
121 0.0 23.9 35.9#

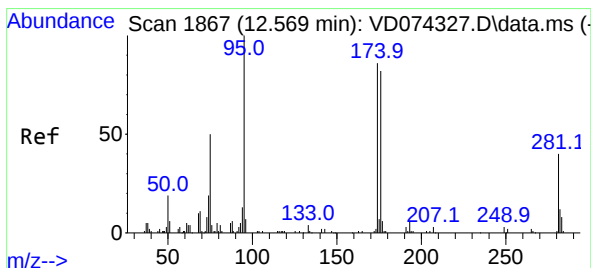
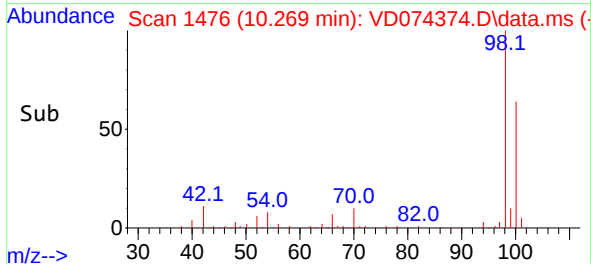
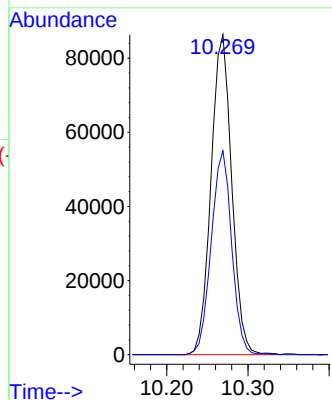
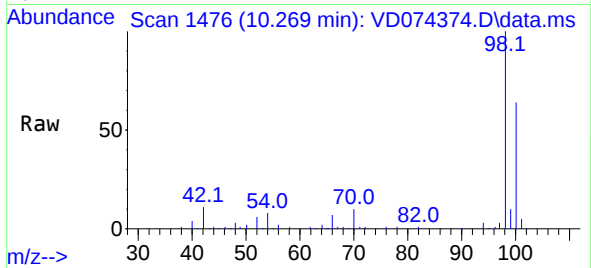




#50
Toluene-d8
Concen: 39.847 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

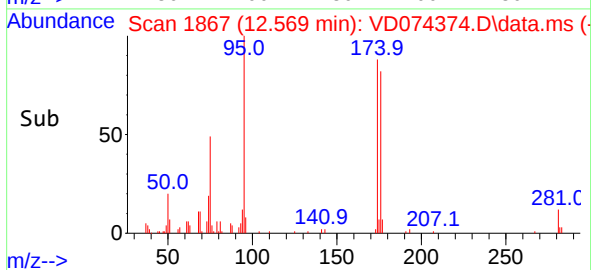
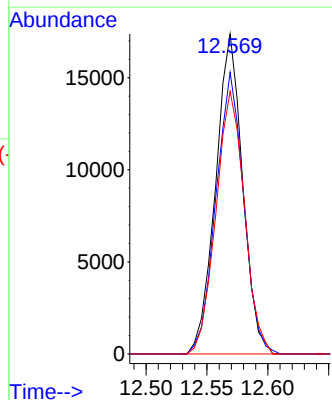
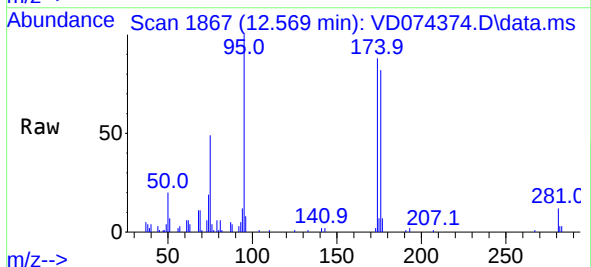
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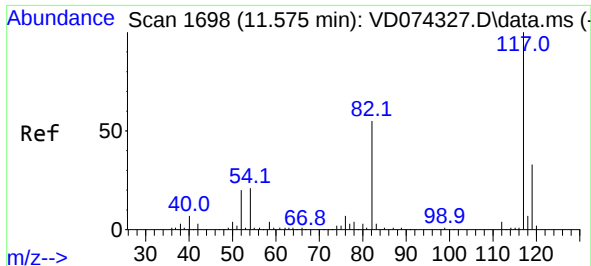
Tgt Ion: 98 Resp: 153115
Ion Ratio Lower Upper
98 100
100 62.8 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 16.751 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

Tgt Ion: 95 Resp: 26764
Ion Ratio Lower Upper
95 100
174 90.0 0.0 179.2
176 86.4 0.0 171.4

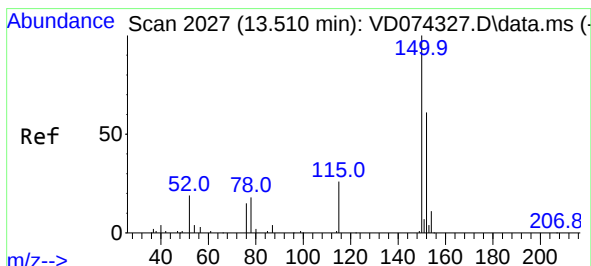
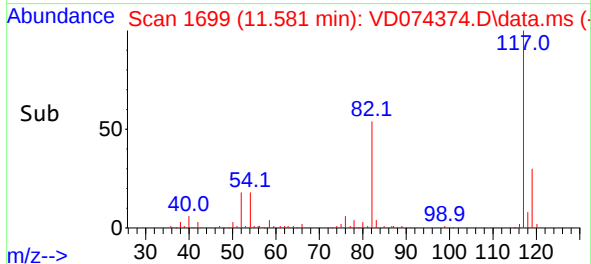
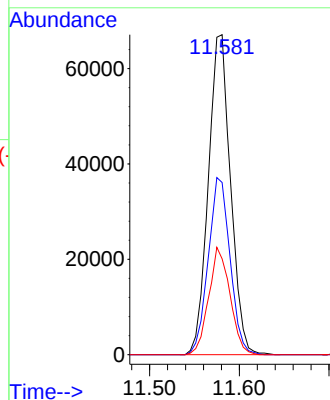
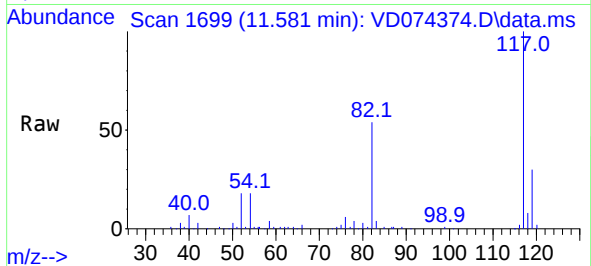




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

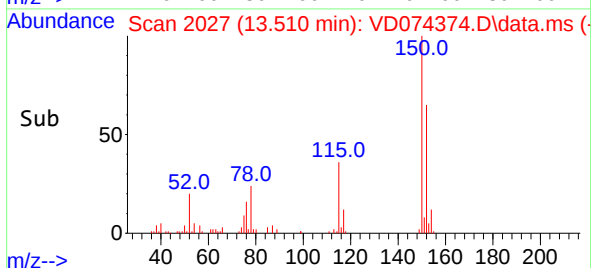
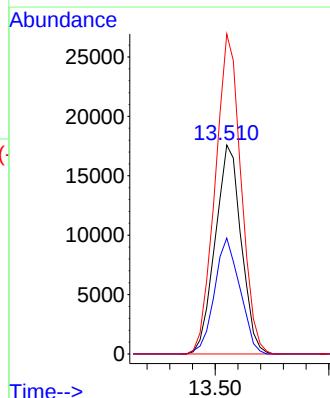
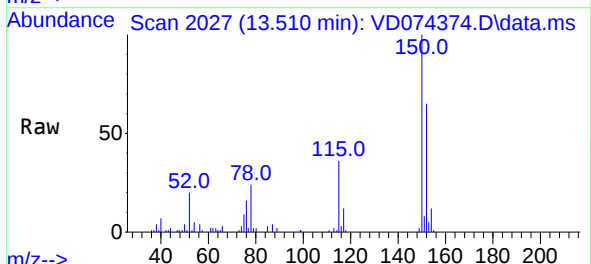
Instrument :
MSVOA_D
ClientSampleId :
A5-6-18

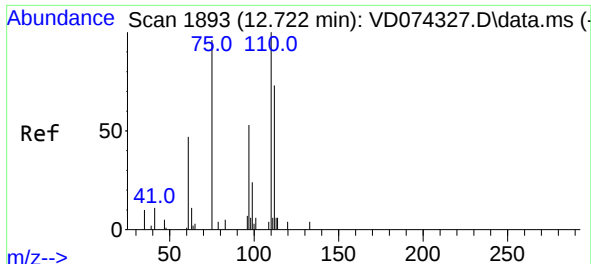
Tgt Ion:117 Resp: 115475
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 30.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

Tgt Ion:152 Resp: 27940
Ion Ratio Lower Upper
152 100
115 54.4 28.4 85.2
150 152.1 0.0 351.0

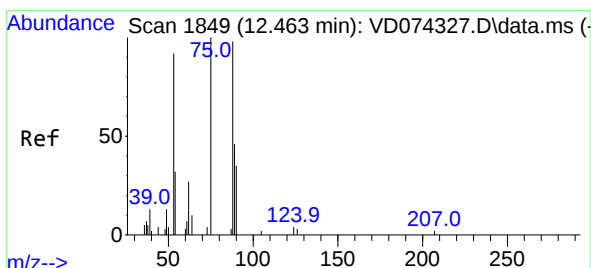
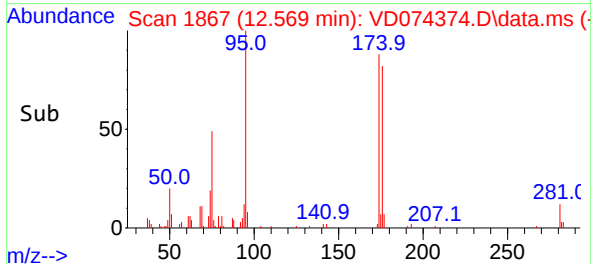
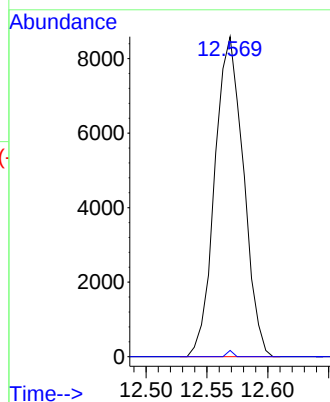
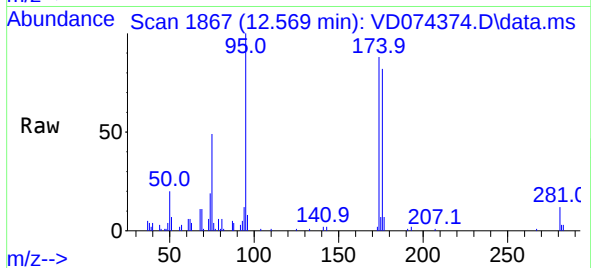




#76
1,2,3-Trichloropropane
Concen: 54.501 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

Instrument :
MSVOA_D
ClientSampleId :
A5-6-18

Tgt Ion: 75 Resp: 14089
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.594 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

Tgt Ion: 75 Resp: 14089
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

