

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074376.D
 Acq On : 20 Sep 2022 20:10
 Operator : VA/SY
 Sample : N4668-10
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22016-13.5

Quant Time: Sep 21 02:26:03 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)

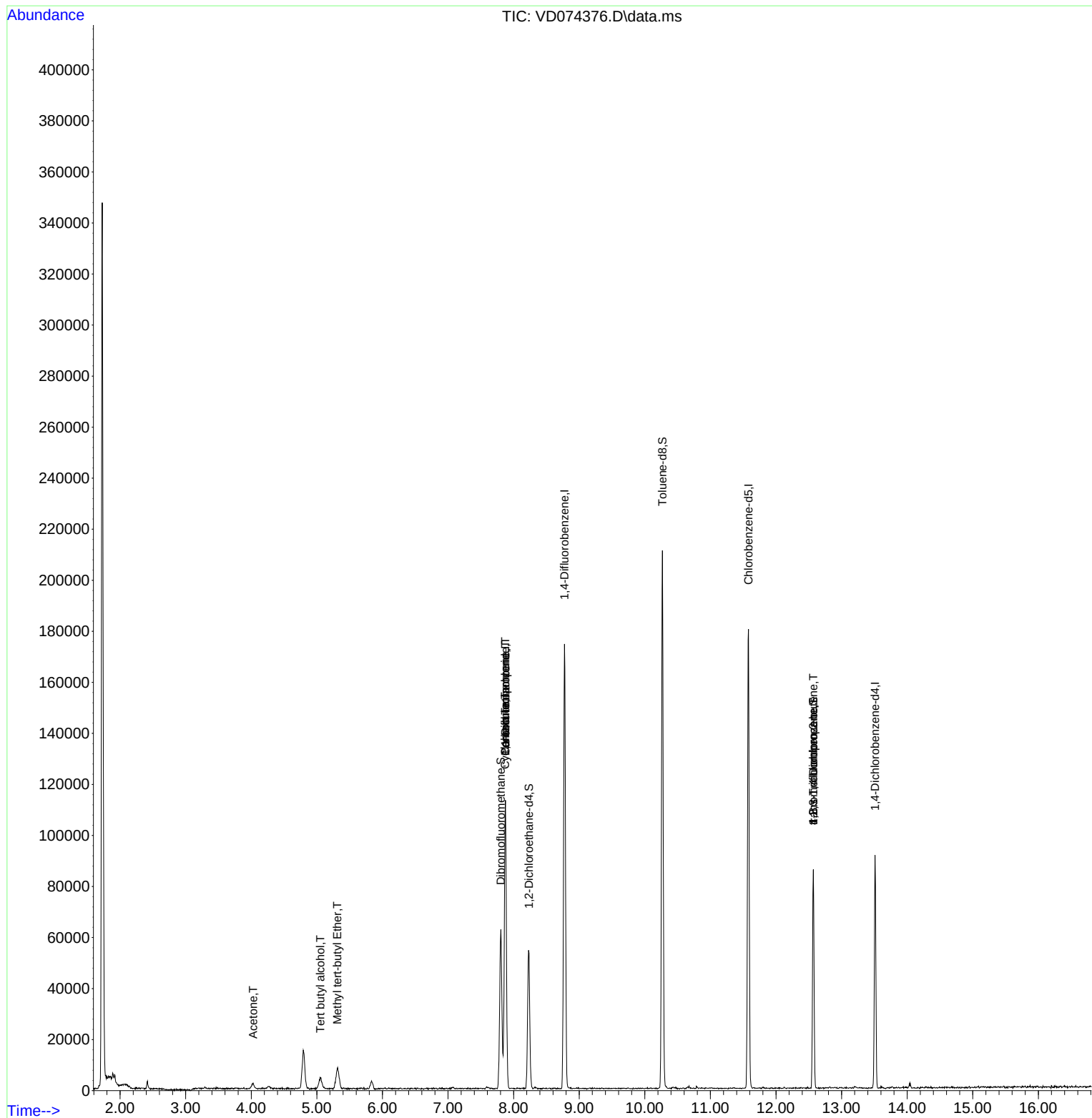
Internal Standards						
1) Pentafluorobenzene	7.875	168	85677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	156236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	106789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	23710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43857	52.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.100%
35) Dibromofluoromethane	7.805	113	45249	43.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.940%
50) Toluene-d8	10.269	98	144974	40.832	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.660%
62) 4-Bromofluorobenzene	12.569	95	25332	17.317	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	34.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.052	59	8648	153.344	ug/l #	82
16) Acetone	4.028	43	3642	19.372	ug/l	95
19) Methyl tert-butyl Ether	5.311	73	13665	6.945	ug/l	99
31) Cyclohexane	7.869	56	1913	1.093	ug/l #	19
36) 1,1-Dichloropropene	7.875	75	6668	4.245	ug/l #	47
38) Carbon Tetrachloride	7.875	117	8988	6.457	ug/l #	16
76) 1,2,3-Trichloropropane	12.569	75	13392	61.047	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	13392	153.000	ug/l #	100

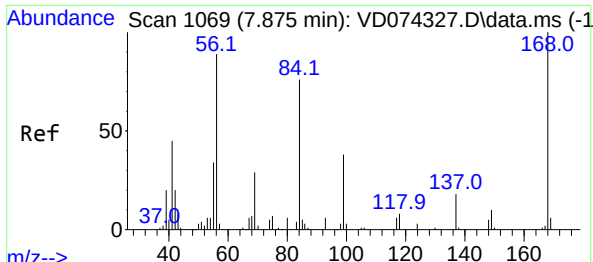
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
Data File : VD074376.D
Acq On : 20 Sep 2022 20:10
Operator : VA/SY
Sample : N4668-10
Misc : 6.48G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
D22016-13.5

Quant Time: Sep 21 02:26:03 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

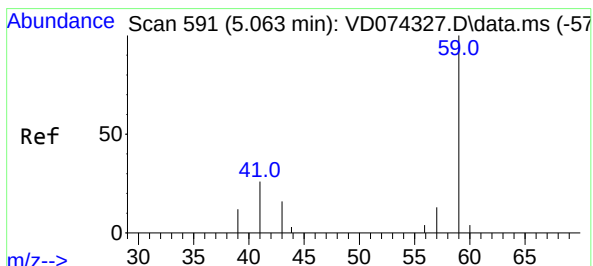
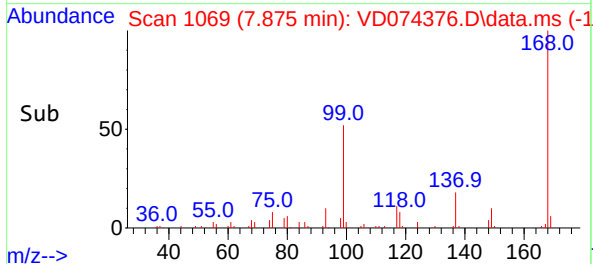
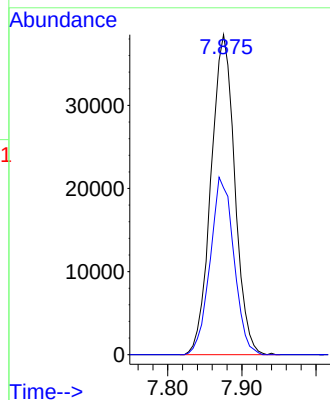
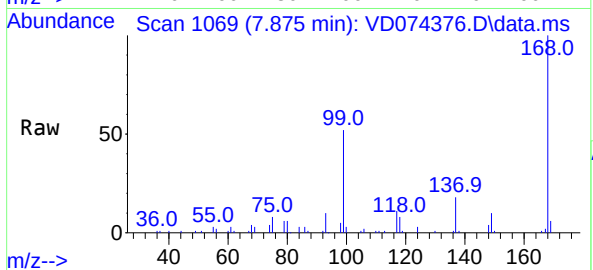




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

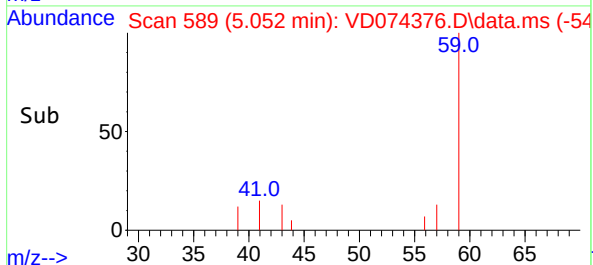
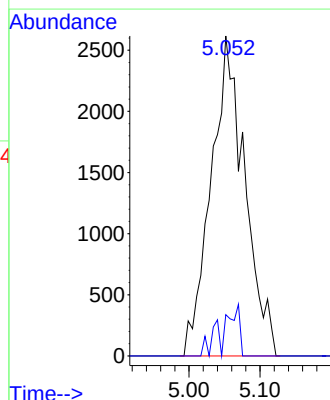
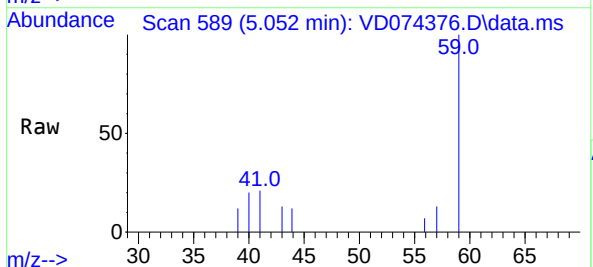
Instrument :
MSVOA_D
ClientSampleId :
D22016-13.5

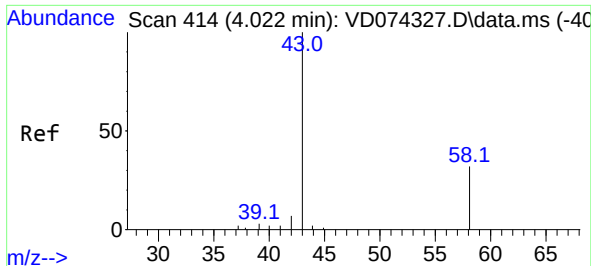
Tgt Ion:168 Resp: 85677
Ion Ratio Lower Upper
168 100
99 52.2 43.0 64.6



#11
Tert butyl alcohol
Concen: 153.344 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.011 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

Tgt Ion: 59 Resp: 8648
Ion Ratio Lower Upper
59 100
57 2.8 7.7 11.5#

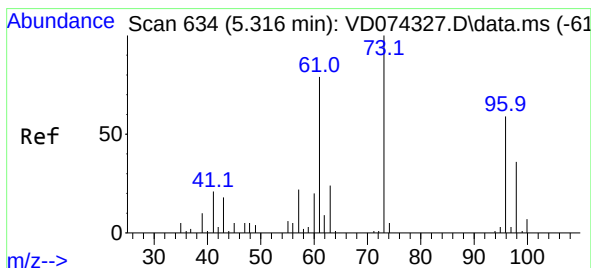
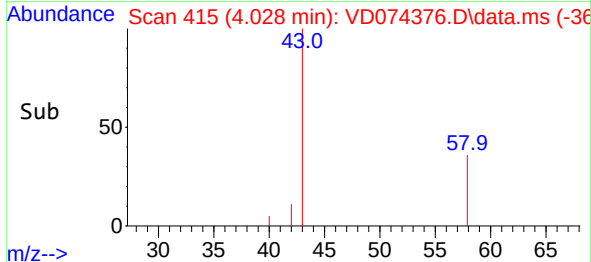
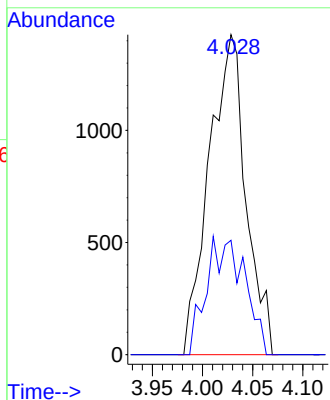
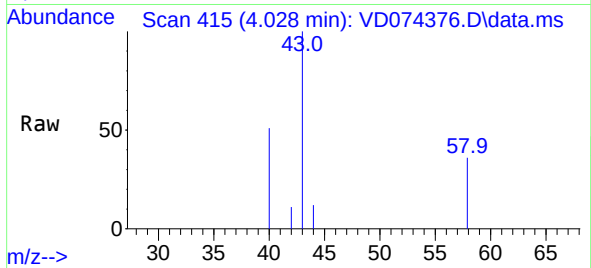




#16
Acetone
Concen: 19.372 ug/l
RT: 4.028 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

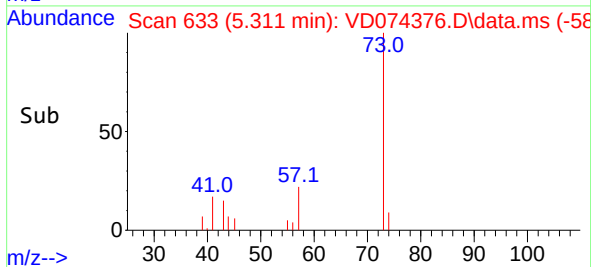
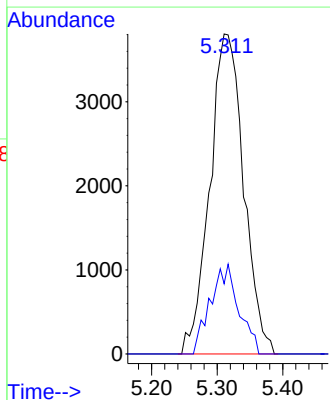
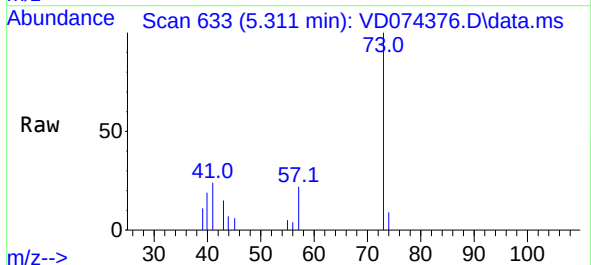
Instrument :
MSVOA_D
ClientSampleId :
D22016-13.5

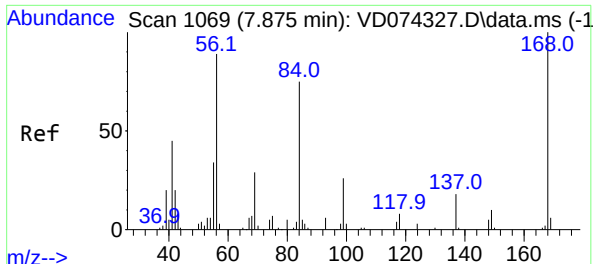
Tgt Ion: 43 Resp: 3642
Ion Ratio Lower Upper
43 100
58 35.7 26.4 39.6



#19
Methyl tert-butyl Ether
Concen: 6.945 ug/l
RT: 5.311 min Scan# 633
Delta R.T. -0.005 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

Tgt Ion: 73 Resp: 13665
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.6

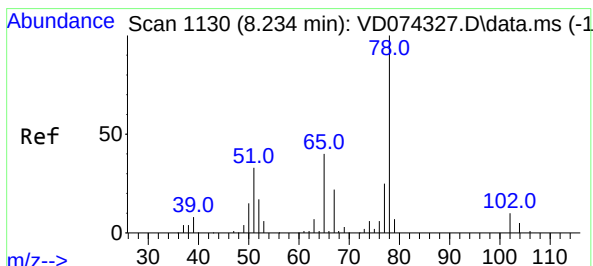
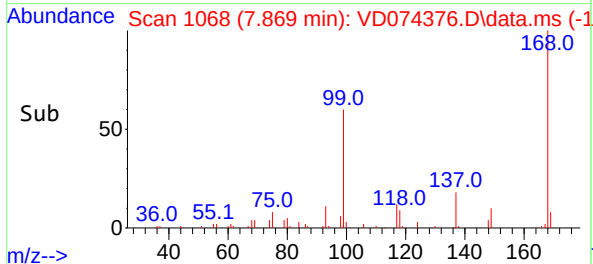
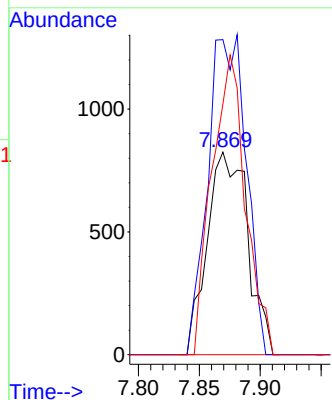
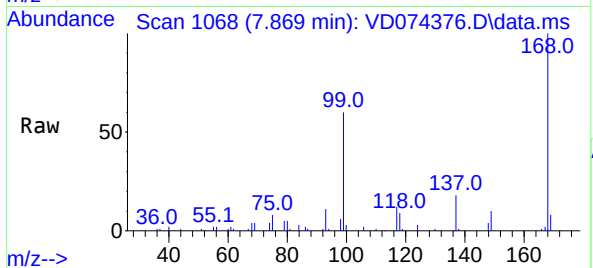




#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

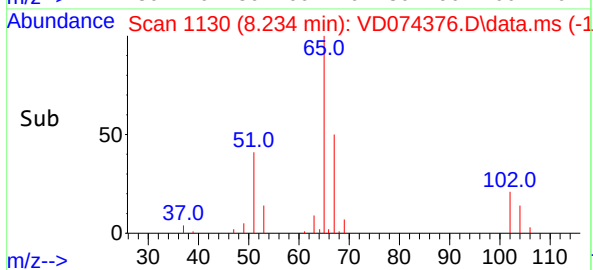
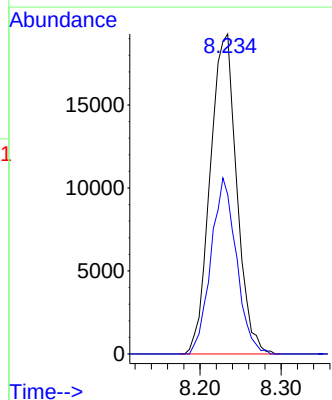
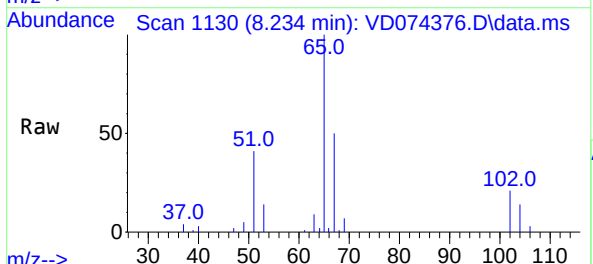
Instrument :
MSVOA_D
ClientSampleId :
D22016-13.5

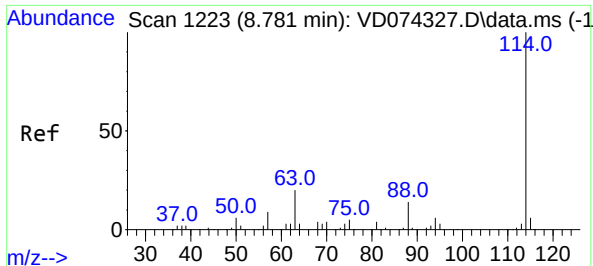
Tgt Ion: 56 Resp: 1913
Ion Ratio Lower Upper
56 100
69 155.5 25.7 38.5#
84 123.8 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 52.554 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

Tgt Ion: 65 Resp: 43857
Ion Ratio Lower Upper
65 100
67 52.7 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD074376.D

Acq: 20 Sep 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

D22016-13.5

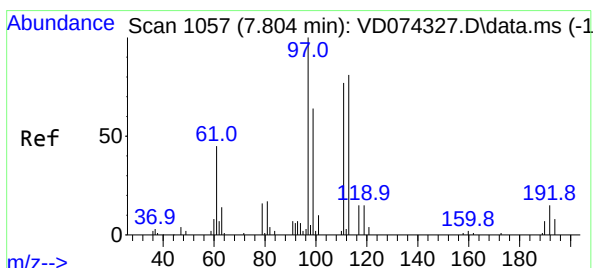
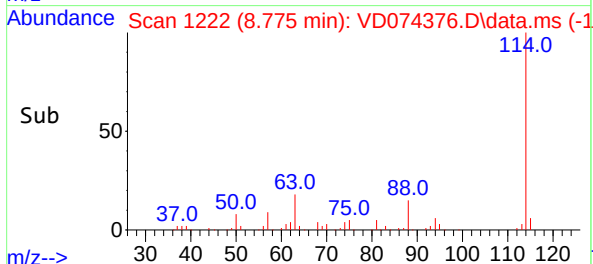
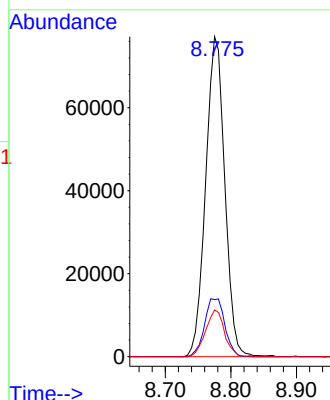
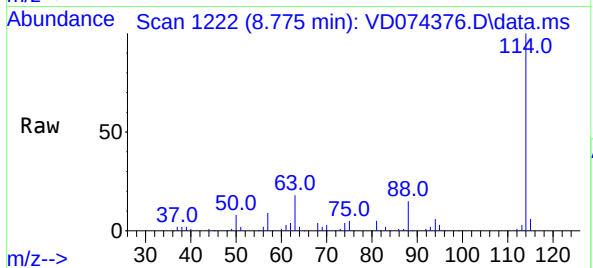
Tgt Ion:114 Resp: 156236

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.6

88 14.6 0.0 28.4



#35

Dibromofluoromethane

Concen: 43.975 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074376.D

Acq: 20 Sep 2022 20:10

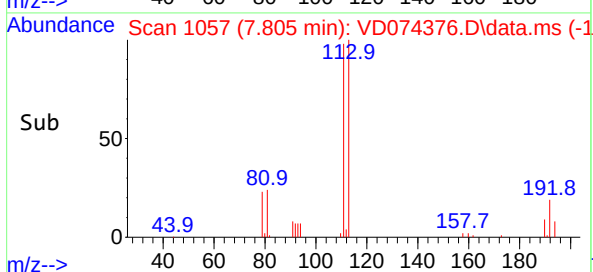
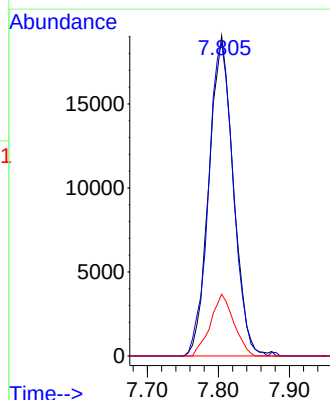
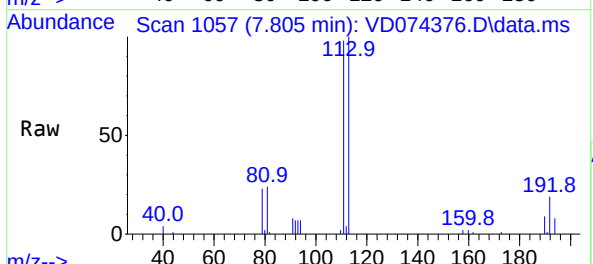
Tgt Ion:113 Resp: 45249

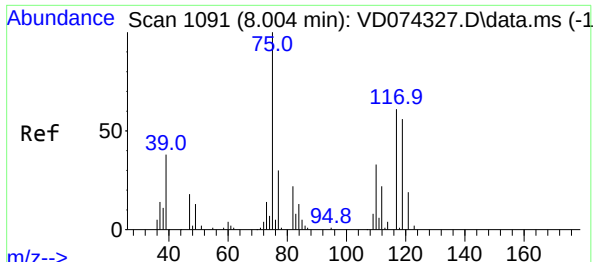
Ion Ratio Lower Upper

113 100

111 99.7 83.0 124.6

192 18.6 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.245 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074376.D

Acq: 20 Sep 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

D22016-13.5

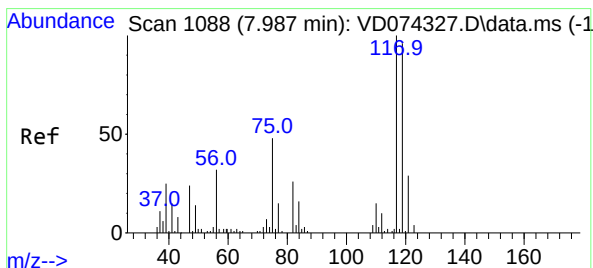
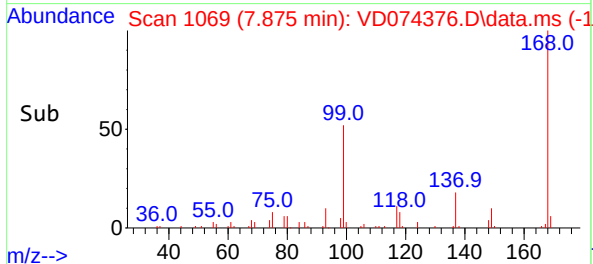
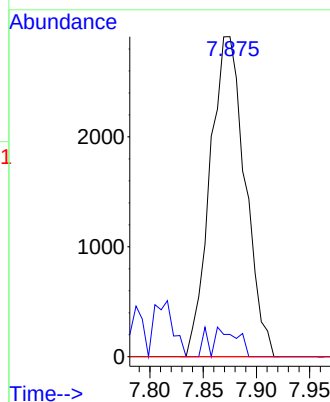
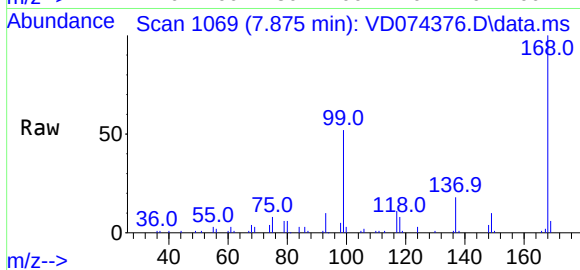
Tgt Ion: 75 Resp: 6668

Ion Ratio Lower Upper

75 100

110 5.6 17.5 52.5#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.457 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074376.D

Acq: 20 Sep 2022 20:10

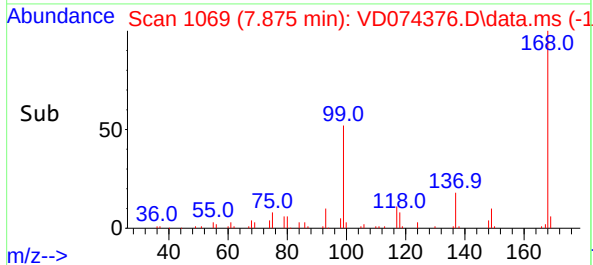
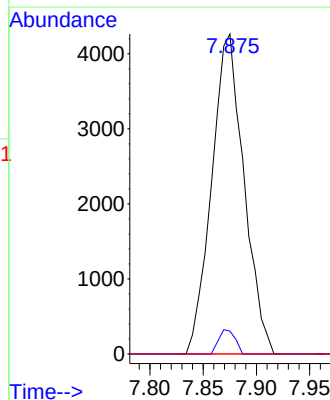
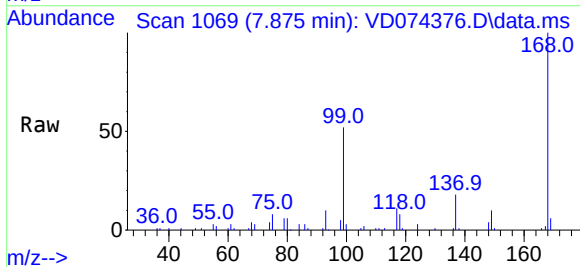
Tgt Ion: 117 Resp: 8988

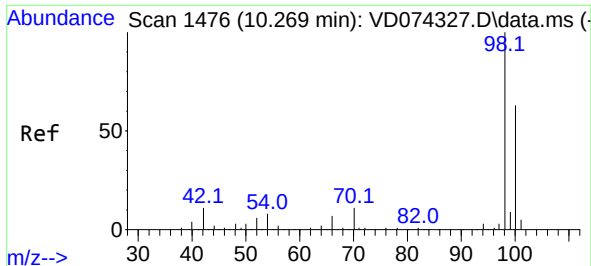
Ion Ratio Lower Upper

117 100

119 7.2 78.8 118.2#

121 0.0 23.9 35.9#

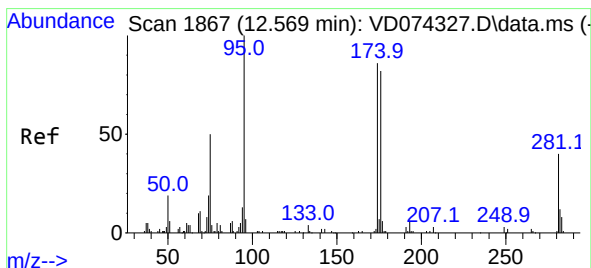
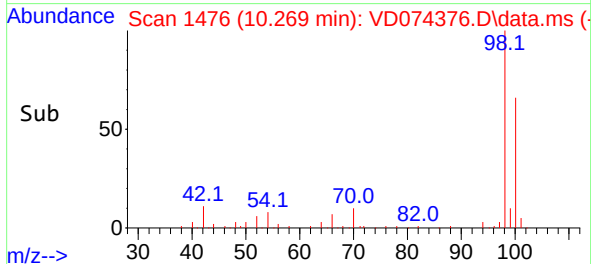
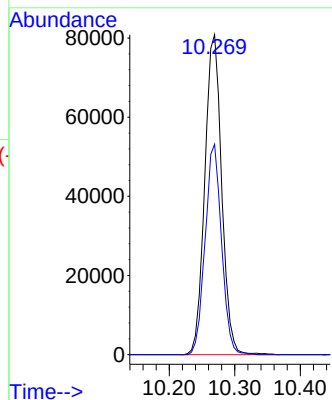
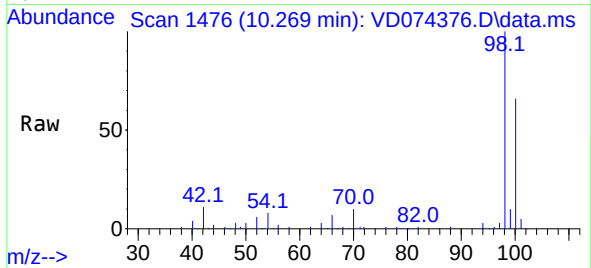




#50
Toluene-d8
Concen: 40.832 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

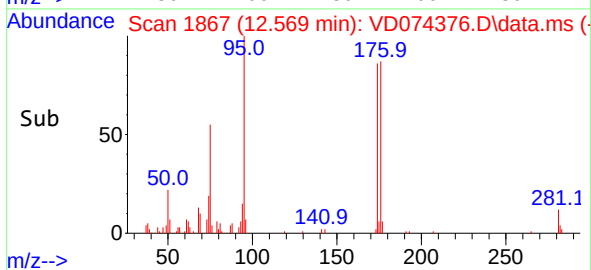
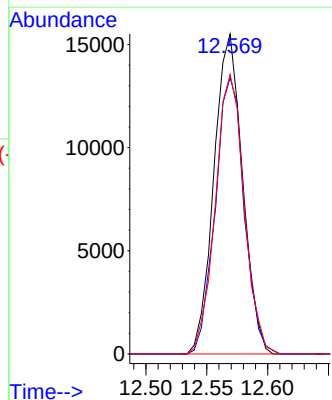
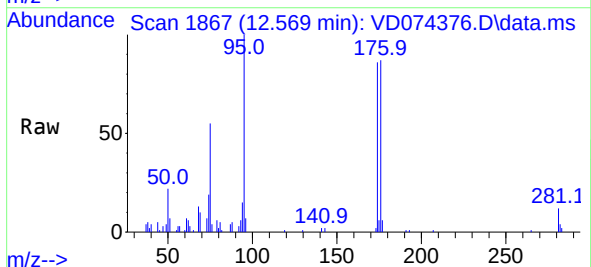
Instrument :
MSVOA_D
ClientSampleId :
D22016-13.5

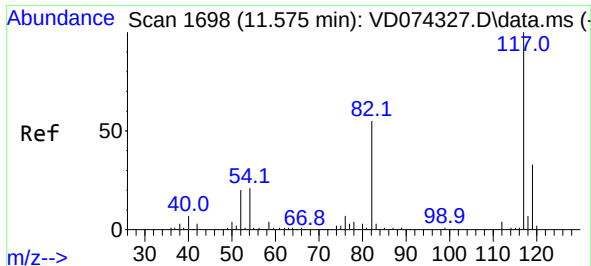
Tgt Ion: 98 Resp: 144974
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 17.317 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

Tgt Ion: 95 Resp: 25332
Ion Ratio Lower Upper
95 100
174 87.0 0.0 179.2
176 88.0 0.0 171.4

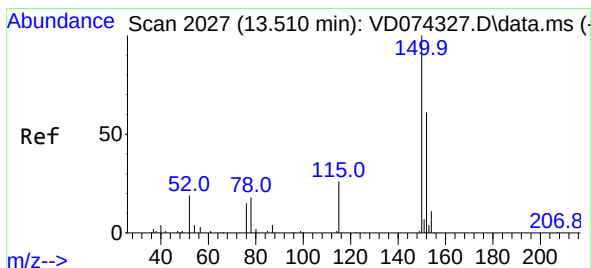
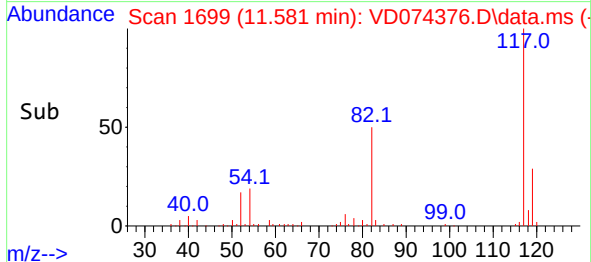
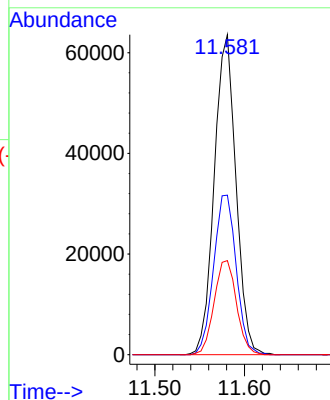
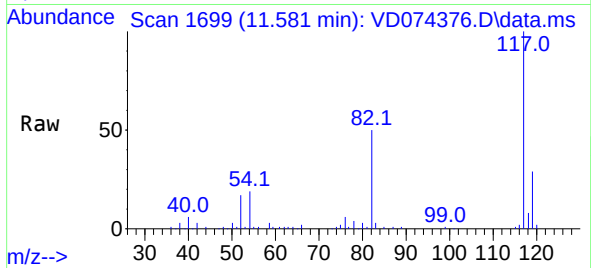




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

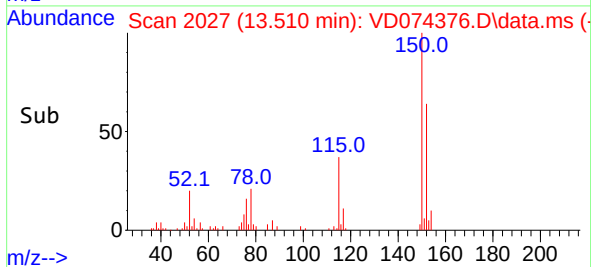
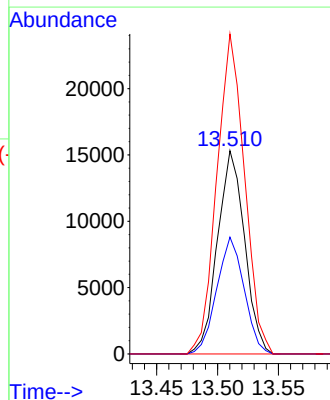
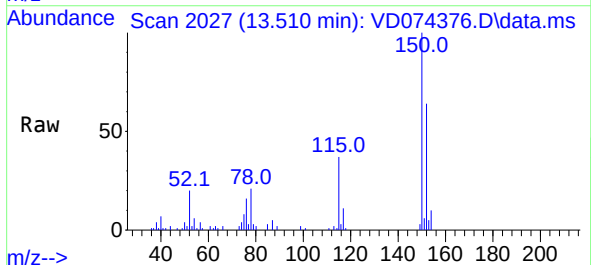
Instrument :
MSVOA_D
ClientSampleId :
D22016-13.5

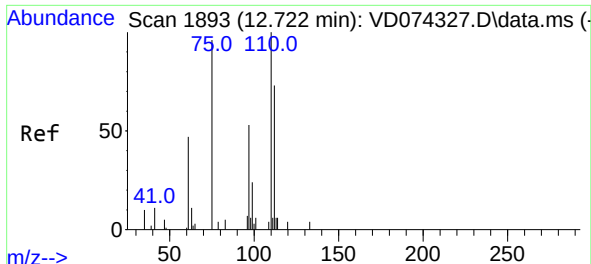
Tgt Ion:117 Resp: 106789
Ion Ratio Lower Upper
117 100
82 49.8 44.2 66.2
119 29.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

Tgt Ion:152 Resp: 23710
Ion Ratio Lower Upper
152 100
115 58.0 28.4 85.2
150 160.8 0.0 351.0

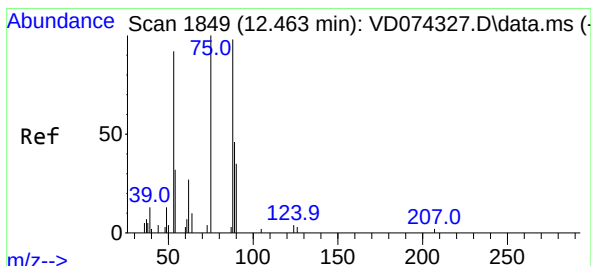
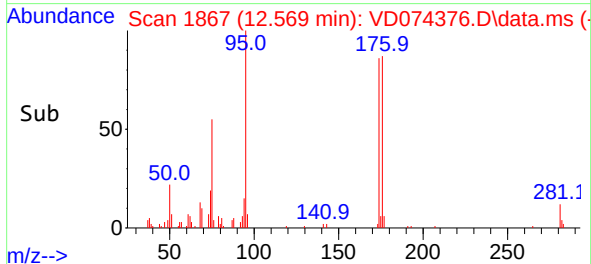
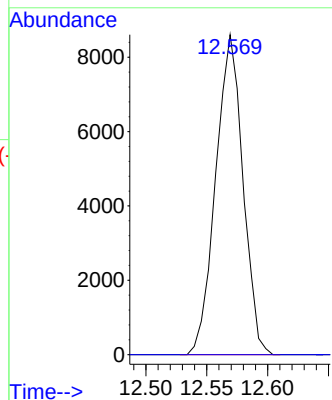
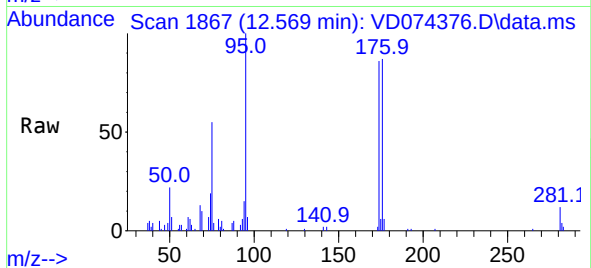




#76
1,2,3-Trichloropropane
Concen: 61.047 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

Instrument :
MSVOA_D
ClientSampleId :
D22016-13.5

Tgt Ion: 75 Resp: 13392
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 153.000 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

Tgt Ion: 75 Resp: 13392
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

