

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074389.D
 Acq On : 21 Sep 2022 15:14
 Operator : VA/SY
 Sample : N4668-08RE
 Misc : 7.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 05:12:35 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)

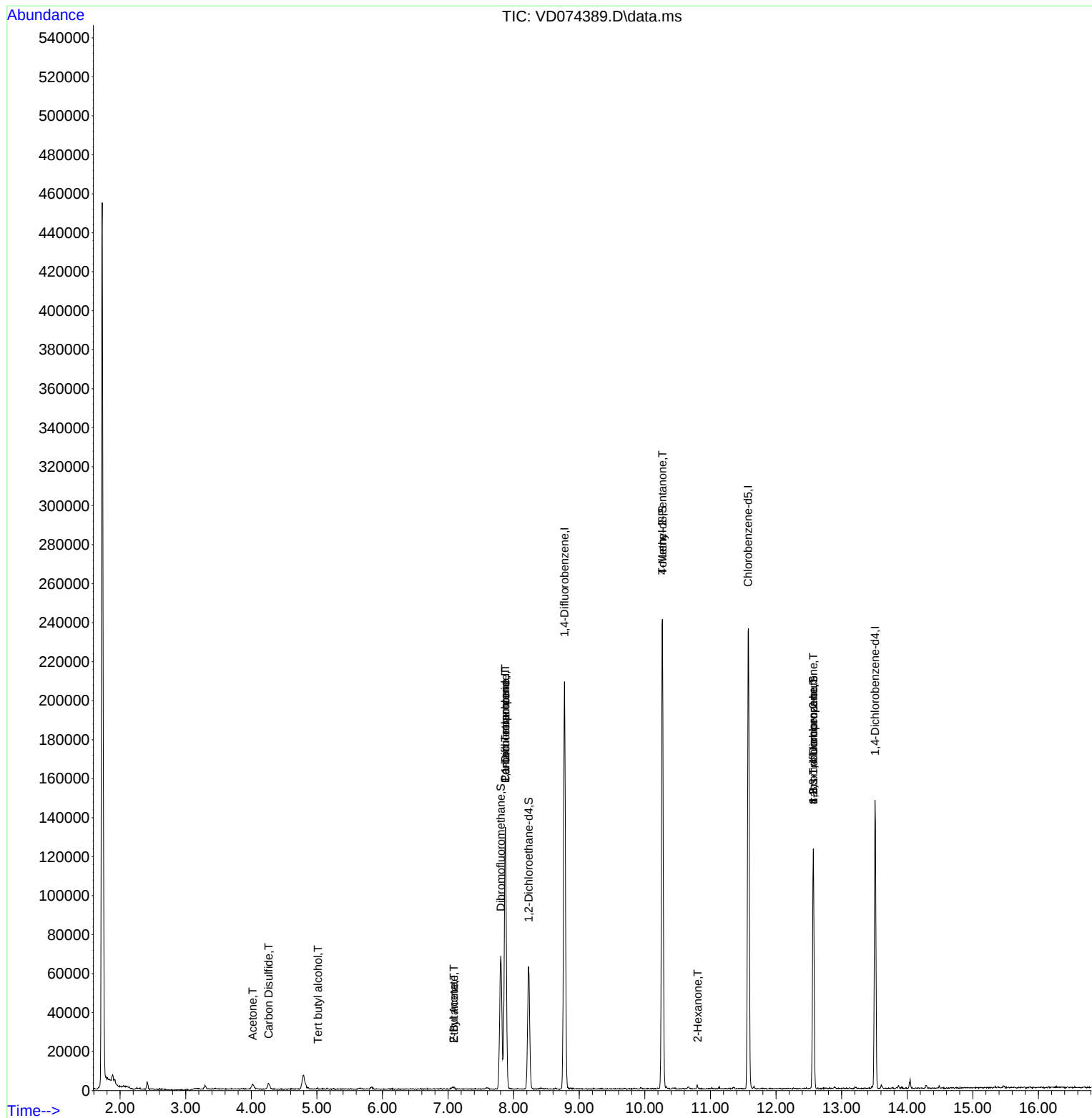
Internal Standards						
1) Pentafluorobenzene	7.875	168	101712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	182530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	139987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	39806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	49762	50.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.460%	
35) Dibromofluoromethane	7.804	113	50194	41.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.500%	
50) Toluene-d8	10.269	98	171312	41.300	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 82.600%	
62) 4-Bromofluorobenzene	12.569	95	35502	22.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 44.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.016	59	140	2.091	ug/l #	74
16) Acetone	4.022	43	4261	19.091	ug/l	90
17) Carbon Disulfide	4.263	76	5710	1.608	ug/l	99
20) Methylene Chloride	4.793	84	5293	Below Cal	#	81
25) 2-Butanone	7.087	43	757	2.277	ug/l #	48
36) 1,1-Dichloropropene	7.875	75	8055	4.390	ug/l #	50
37) Ethyl Acetate	7.087	43	757	1.030	ug/l #	67
38) Carbon Tetrachloride	7.875	117	10519	6.468	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	731	1.026	ug/l #	1
59) 2-Hexanone	10.804	43	883	1.771	ug/l #	22
76) 1,2,3-Trichloropropane	12.569	75	18862	51.214	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	18862	128.356	ug/l #	100

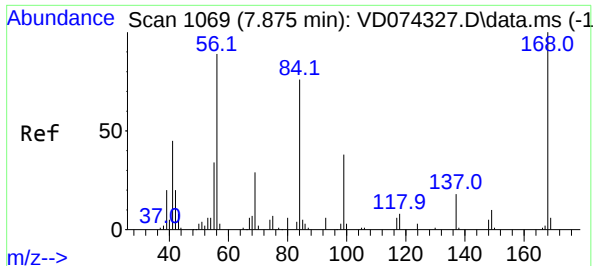
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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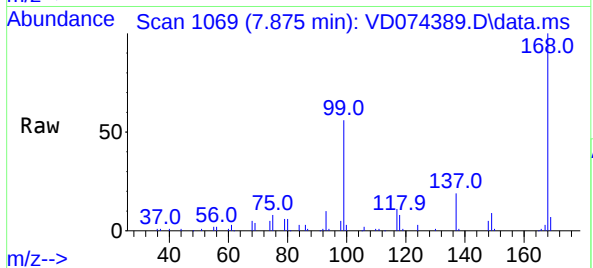
Quant Time: Sep 22 05:12:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
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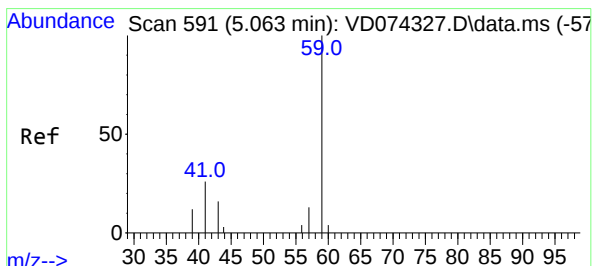
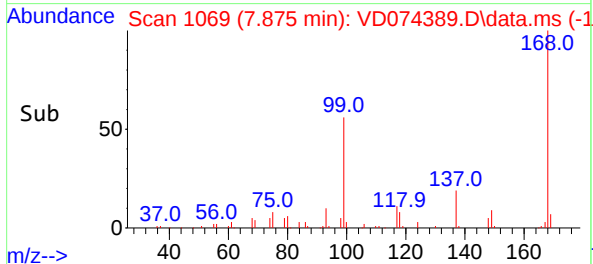
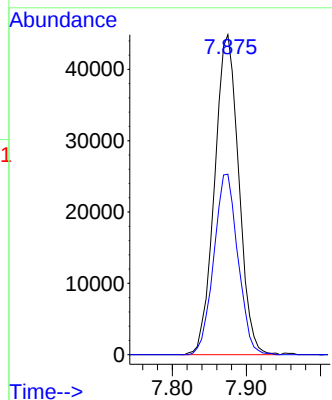


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14

Instrument :
MSVOA_D
ClientSampleId :

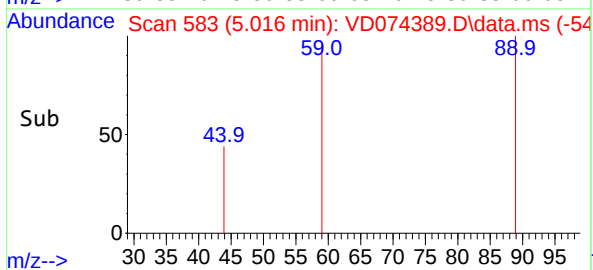
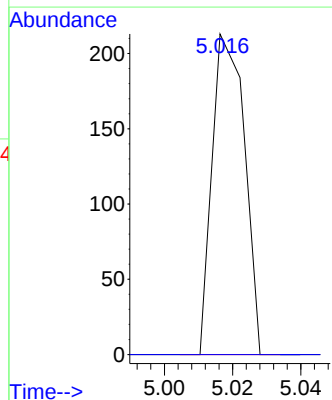
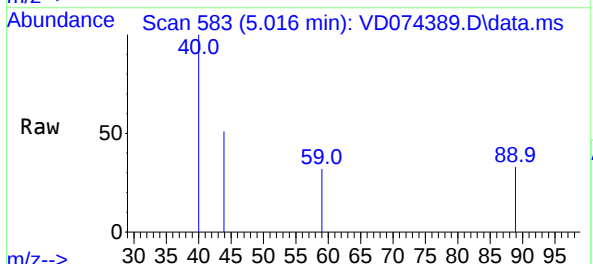


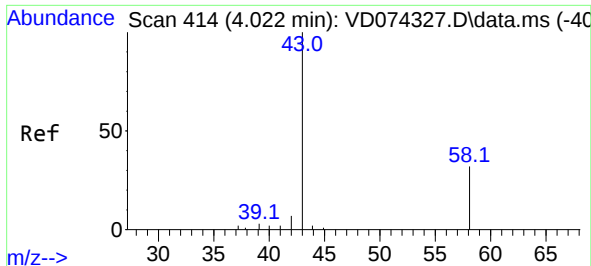
Tgt Ion:168 Resp: 101712
Ion Ratio Lower Upper
168 100
99 56.4 43.0 64.6



#11
Tert butyl alcohol
Concen: 2.091 ug/l
RT: 5.016 min Scan# 583
Delta R.T. -0.047 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14

Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

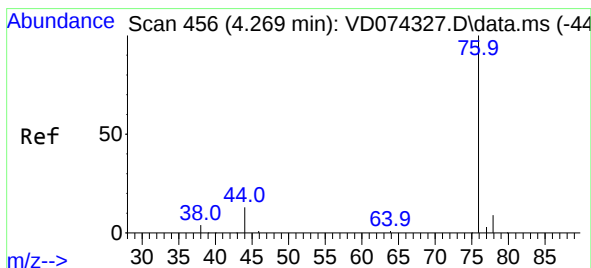
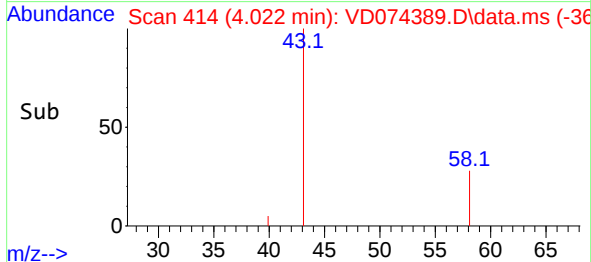
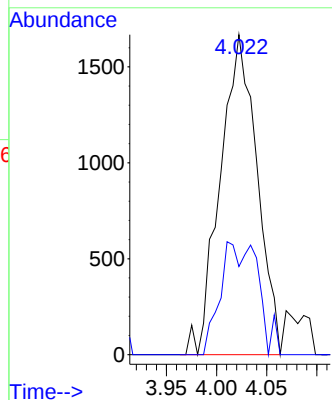
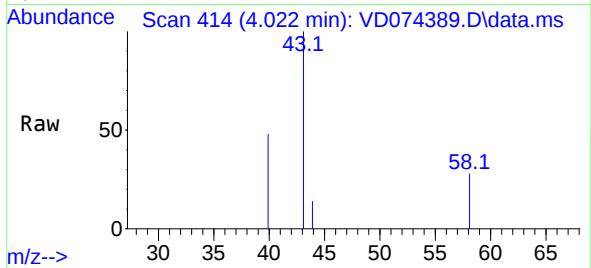




#16
Acetone
Concen: 19.091 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14

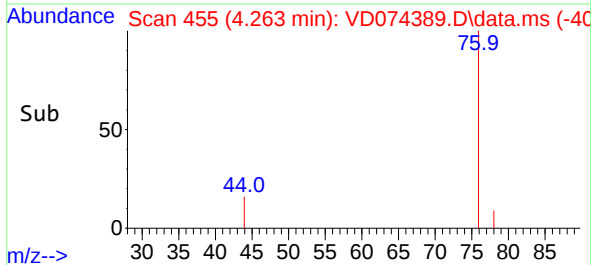
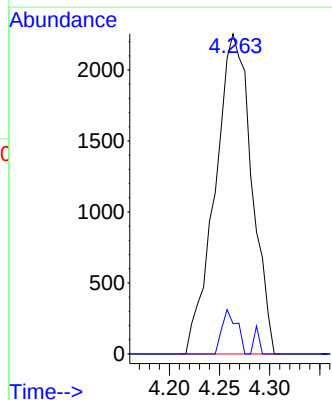
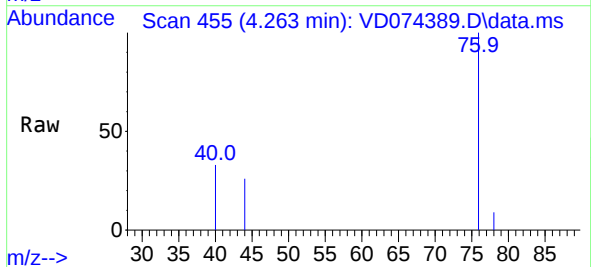
Instrument :
MSVOA_D
ClientSampleId :

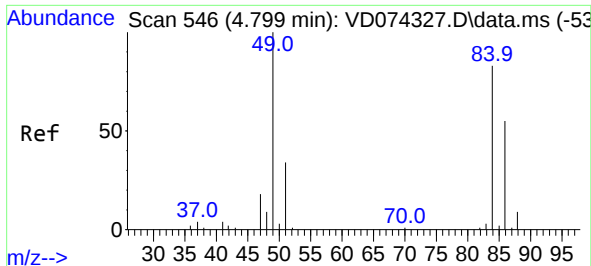
Tgt Ion: 43 Resp: 4261
Ion Ratio Lower Upper
43 100
58 27.6 26.4 39.6



#17
Carbon Disulfide
Concen: 1.608 ug/l
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14

Tgt Ion: 76 Resp: 5710
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8





#20

Methylene Chloride

Concen: Below Cal

RT: 4.793 min Scan# 54

Delta R.T. -0.006 min

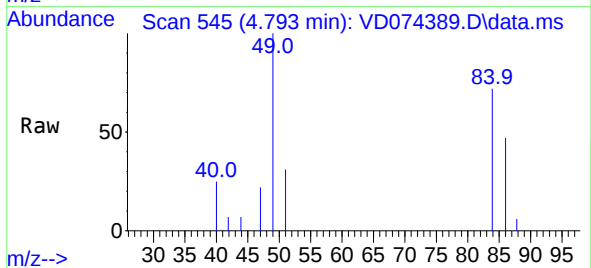
Lab File: VD074389.D

Acq: 21 Sep 2022 15:14

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 84 Resp: 5293

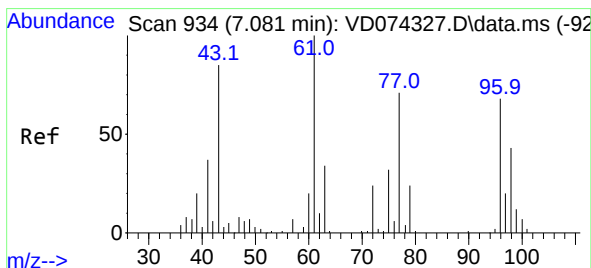
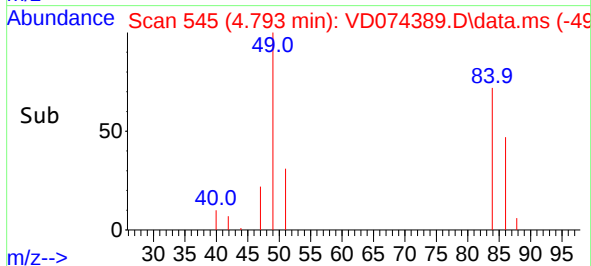
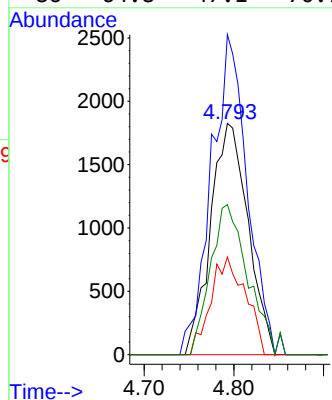
Ion Ratio Lower Upper

84 100

49 138.3 88.4 132.6#

51 42.2 28.0 42.0#

86 64.8 47.1 70.7



#25

2-Butanone

Concen: 2.277 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD074389.D

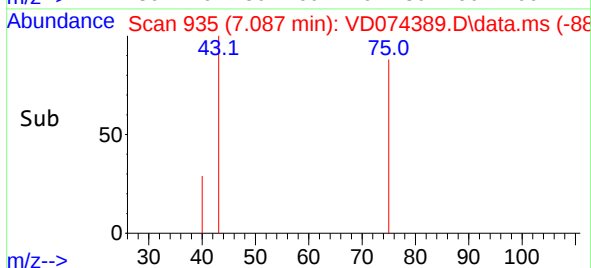
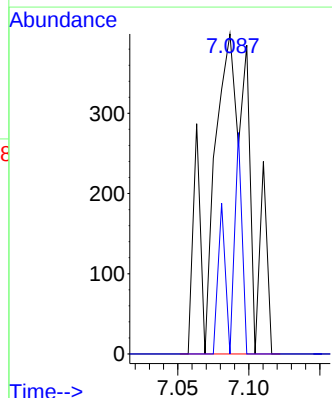
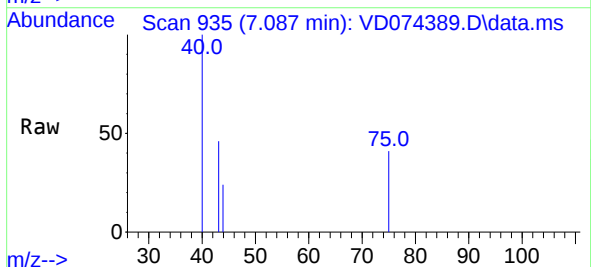
Acq: 21 Sep 2022 15:14

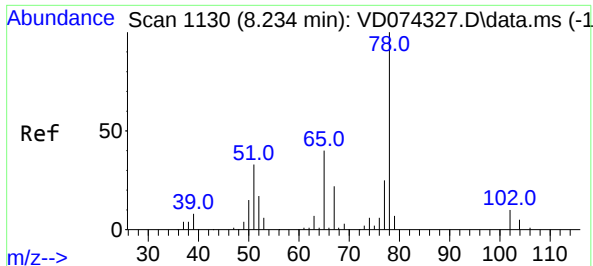
Tgt Ion: 43 Resp: 757

Ion Ratio Lower Upper

43 100

72 0.0 21.8 32.6#





#33

1,2-Dichloroethane-d4

Concen: 50.229 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074389.D

Acq: 21 Sep 2022 15:14

Instrument :

MSVOA_D

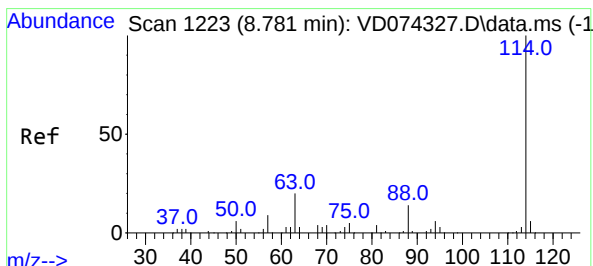
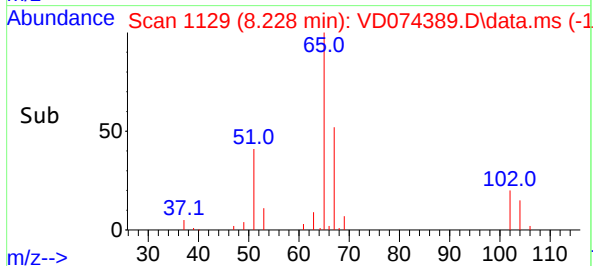
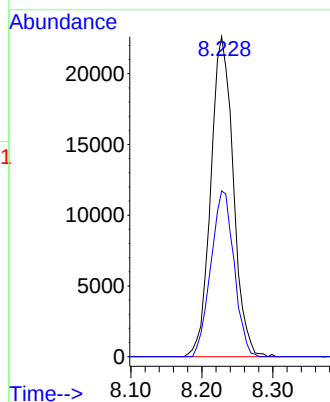
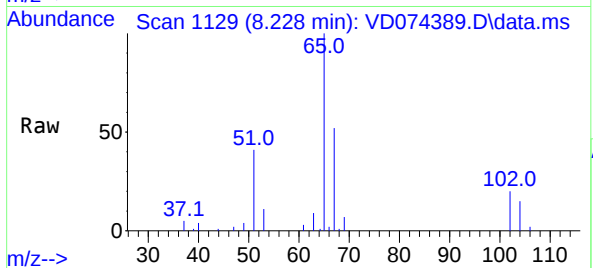
ClientSampleId :

Tgt Ion: 65 Resp: 49762

Ion Ratio Lower Upper

65 100

67 53.2 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074389.D

Acq: 21 Sep 2022 15:14

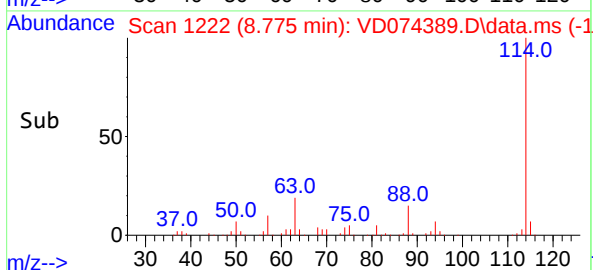
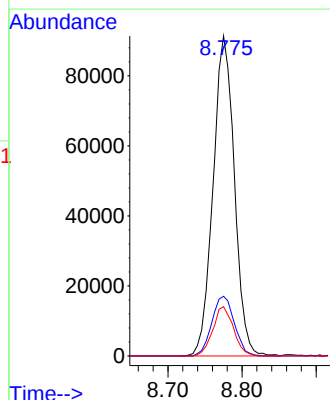
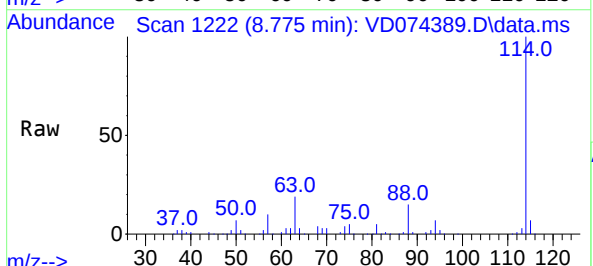
Tgt Ion: 114 Resp: 182530

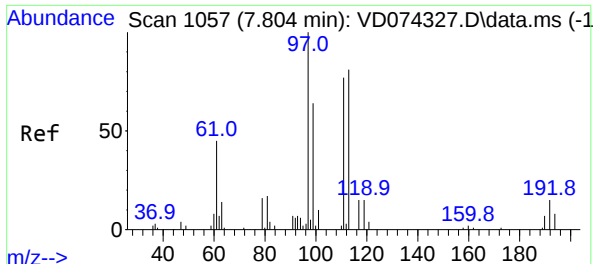
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.6

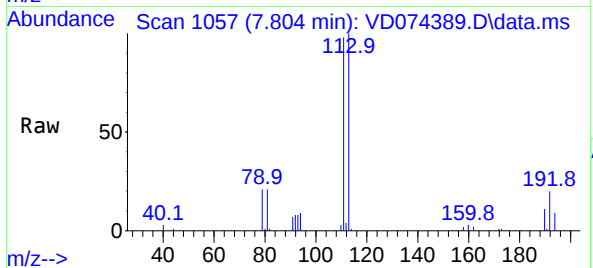
88 15.4 0.0 28.4



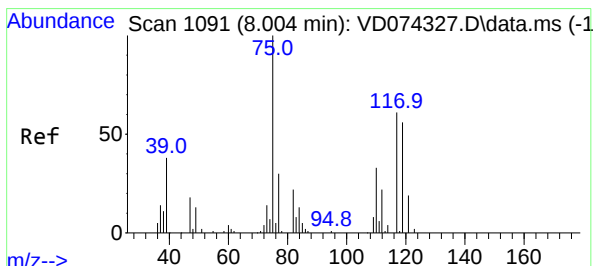
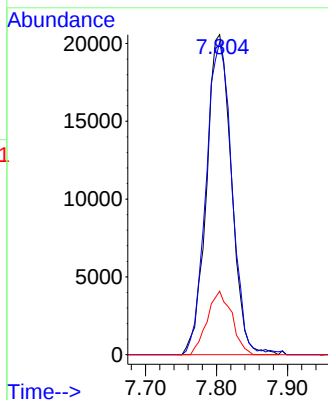
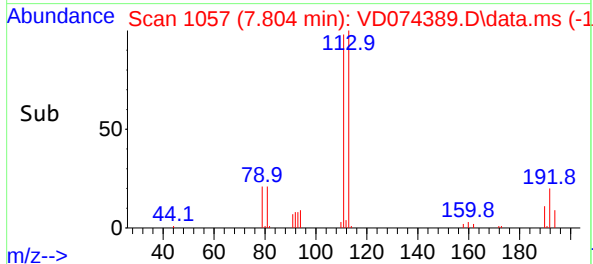


#35
Dibromofluoromethane
Concen: 41.753 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14

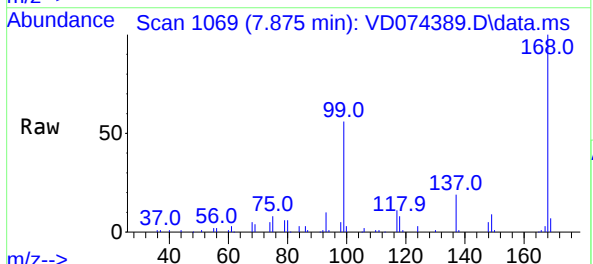
Instrument :
MSVOA_D
ClientSampleId :



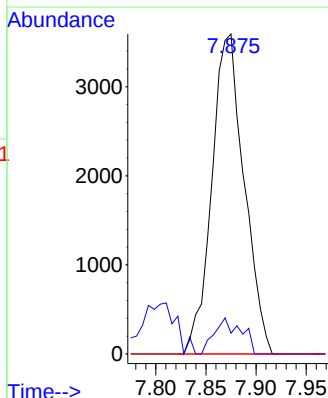
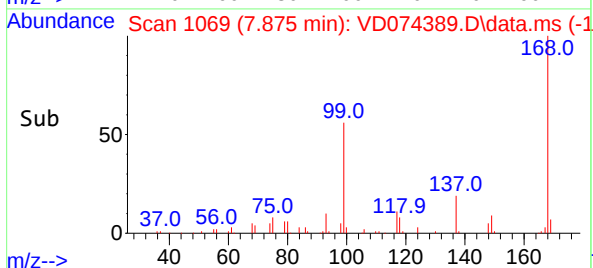
Tgt Ion:113 Resp: 50194
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.6
192 19.6 16.2 24.2

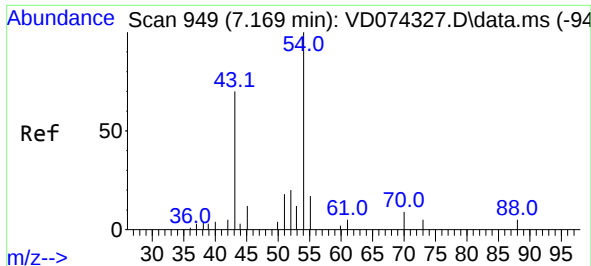


#36
1,1-Dichloropropene
Concen: 4.390 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14



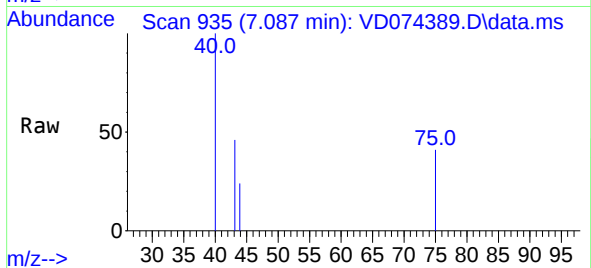
Tgt Ion: 75 Resp: 8055
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.8 37.2#



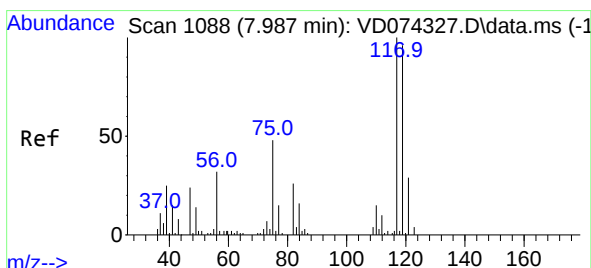
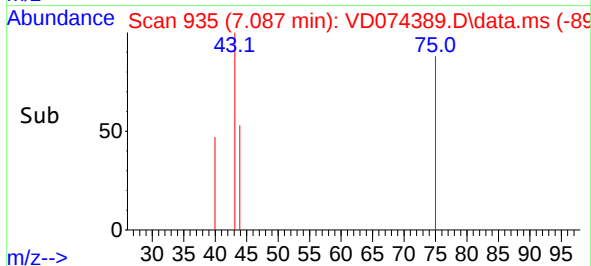
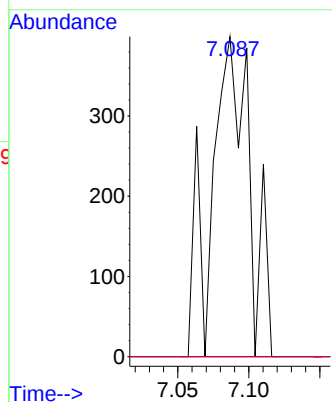


#37
Ethyl Acetate
Concen: 1.030 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.082 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14

Instrument :
MSVOA_D
ClientSampleId :

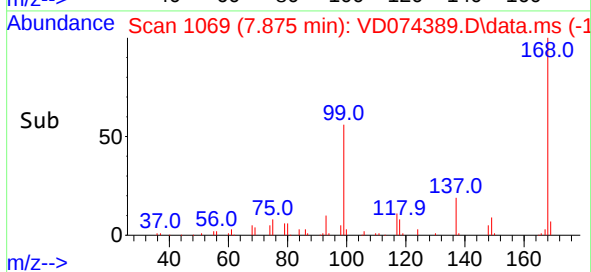
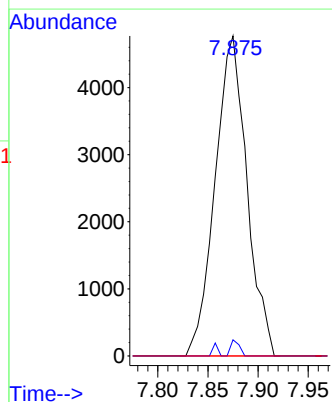
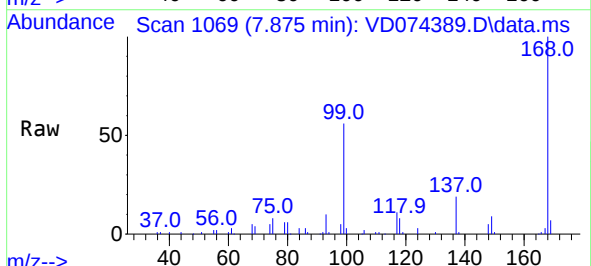


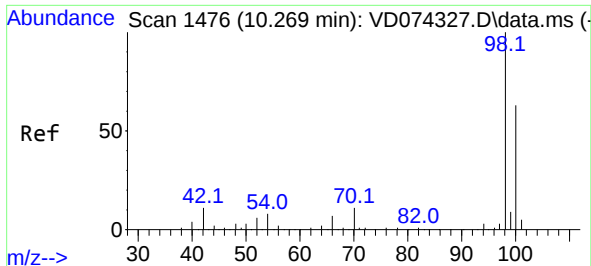
Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 6.468 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14

Tgt Ion: 117 Resp: 10519
Ion Ratio Lower Upper
117 100
119 5.0 78.8 118.2#
121 0.0 23.9 35.9#

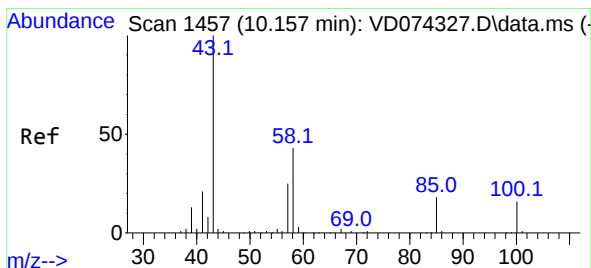
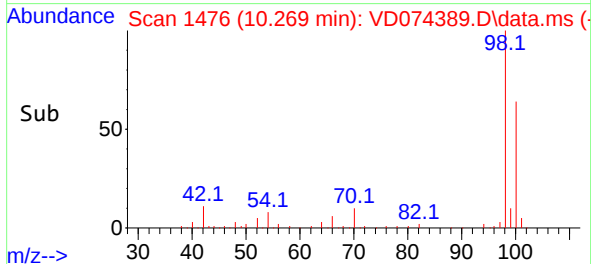
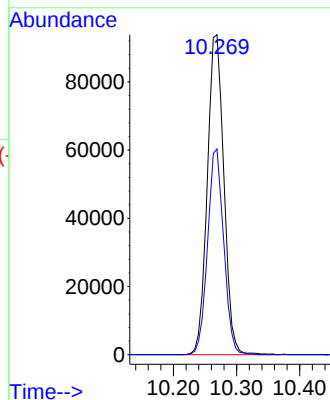
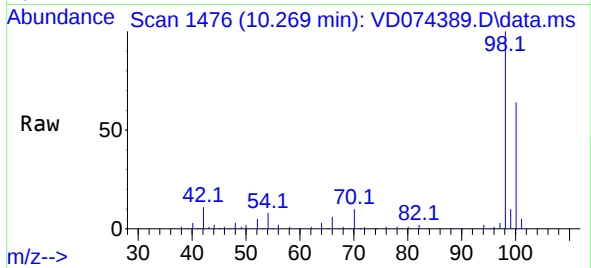




#50
Toluene-d8
Concen: 41.300 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14

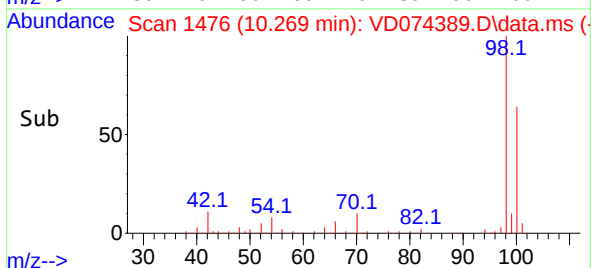
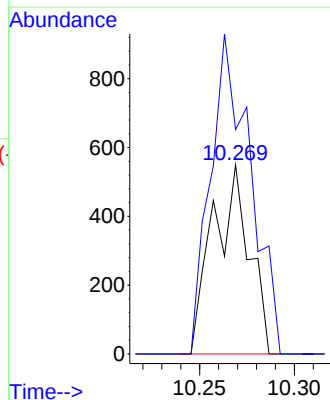
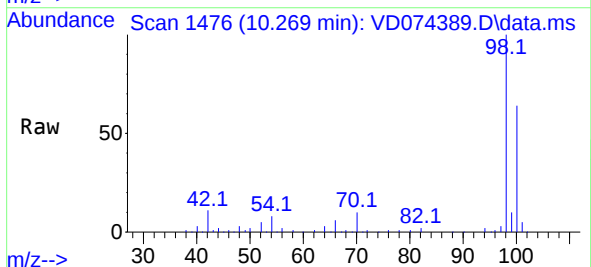
Instrument :
MSVOA_D
ClientSampleId :

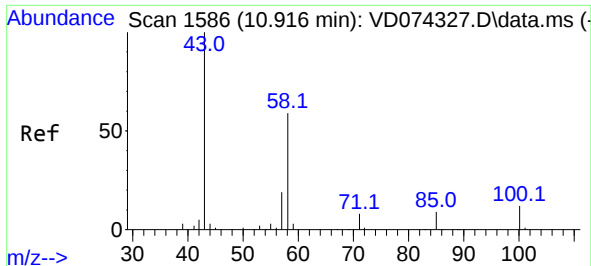
Tgt Ion: 98 Resp: 171312
Ion Ratio Lower Upper
98 100
100 62.5 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 1.026 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14

Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
58 185.5 33.3 49.9#

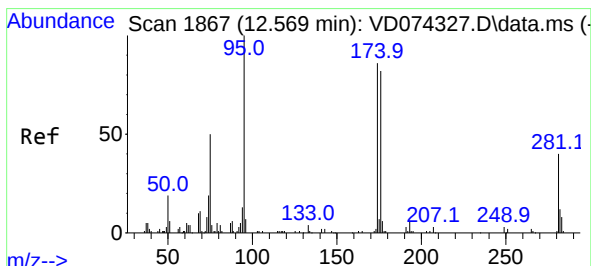
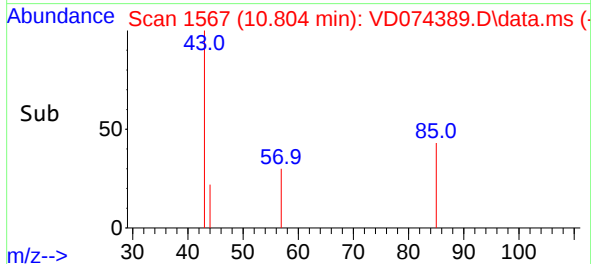
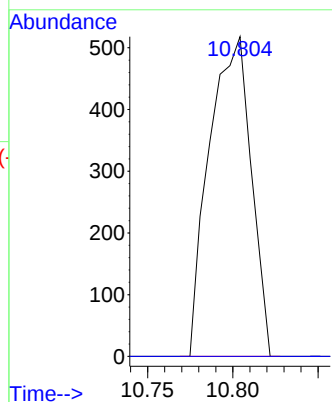
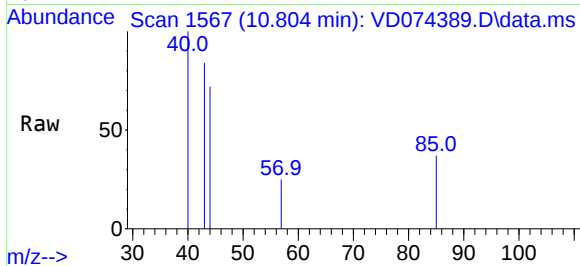




#59
2-Hexanone
Concen: 1.771 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.112 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14

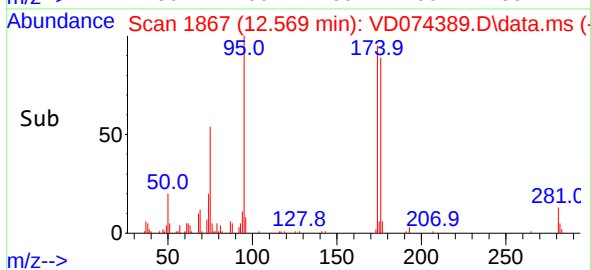
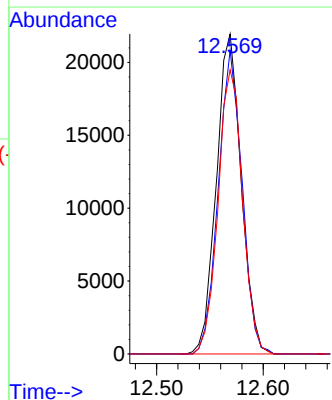
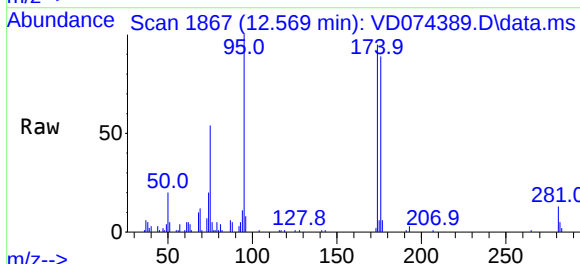
Instrument :
MSVOA_D
ClientSampleId :

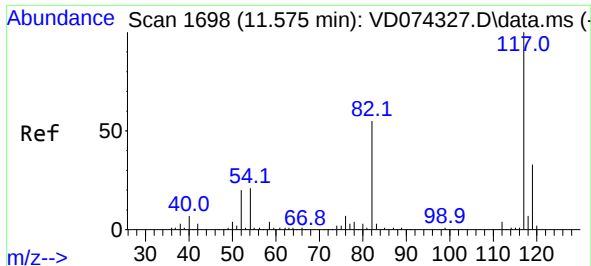
Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
58 0.0 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: 22.061 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14

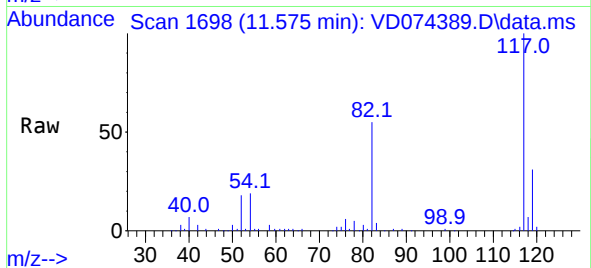
Tgt Ion: 95 Resp: 35502
Ion Ratio Lower Upper
95 100
174 90.6 0.0 179.2
176 87.2 0.0 171.4



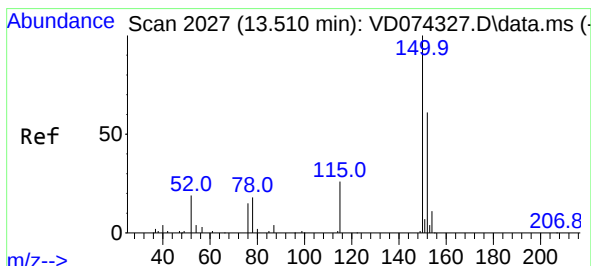
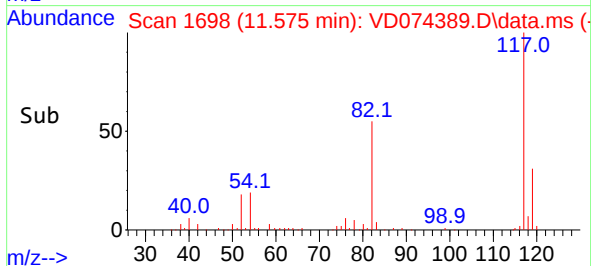
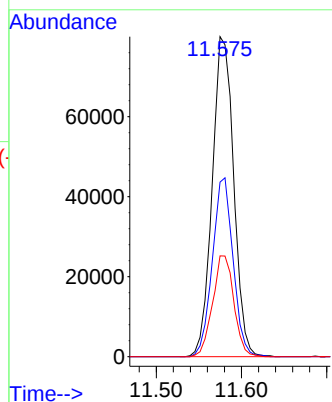


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14

Instrument :
MSVOA_D
ClientSampleId :

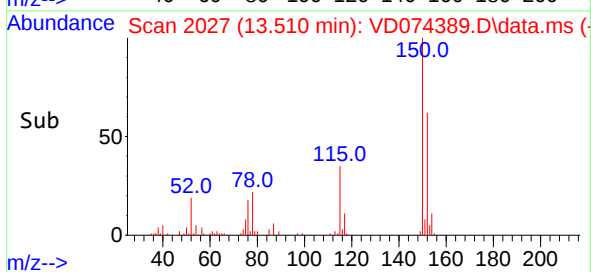
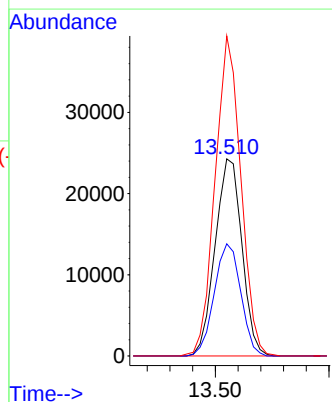
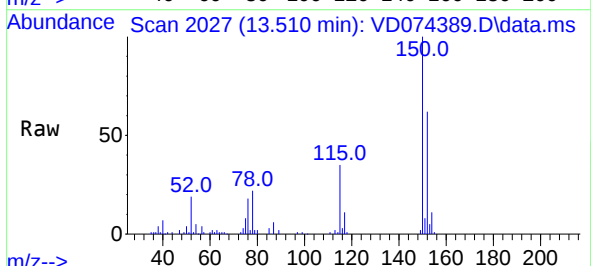


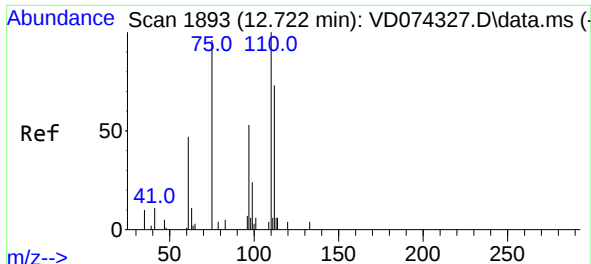
Tgt Ion:117 Resp: 139987
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14

Tgt Ion:152 Resp: 39806
Ion Ratio Lower Upper
152 100
115 56.2 28.4 85.2
150 155.9 0.0 351.0

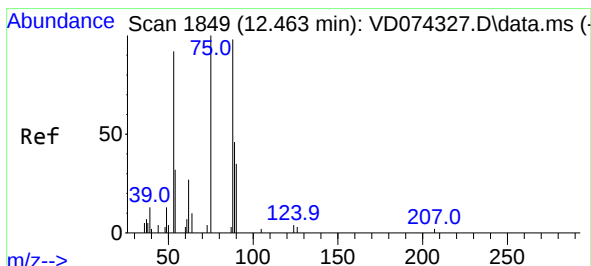
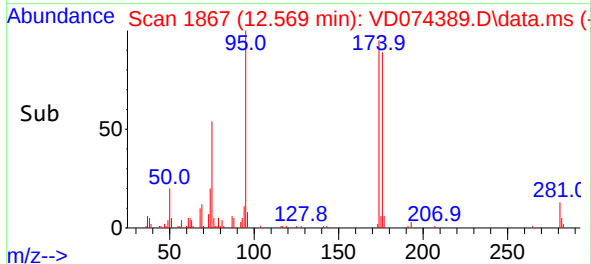
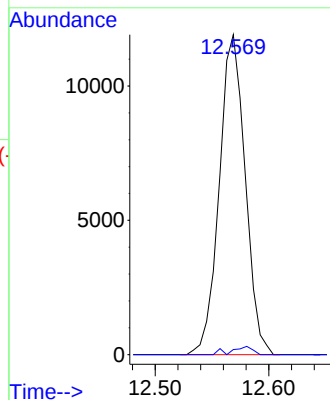
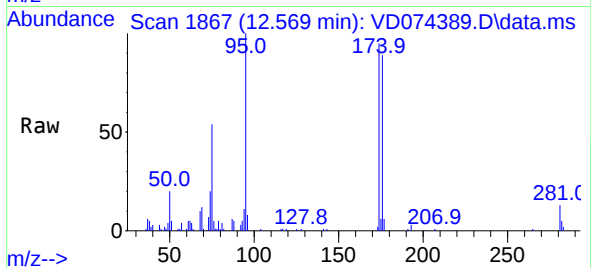




#76
1,2,3-Trichloropropane
Concen: 51.214 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 18862
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.356 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074389.D
Acq: 21 Sep 2022 15:14

Tgt Ion: 75 Resp: 18862
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

