

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074277.D
 Acq On : 13 Sep 2022 20:37
 Operator : VA/SY
 Sample : N4591-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-091222

Quant Time: Sep 14 01:59:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

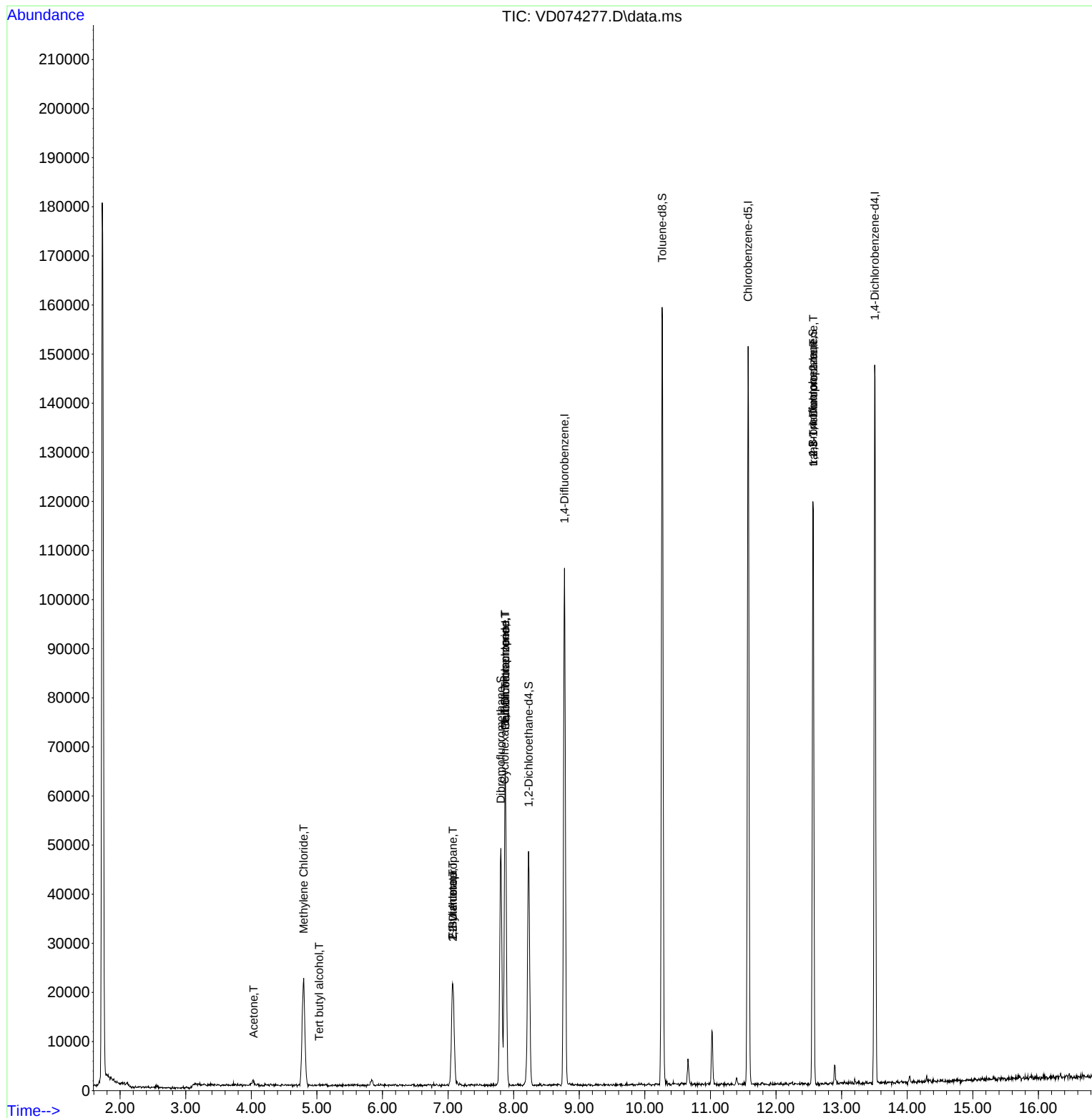
Internal Standards						
1) Pentafluorobenzene	7.875	168	51074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	94298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	86692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	40634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	36711	70.502	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.000%			
35) Dibromofluoromethane	7.804	113	34676	55.299	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.600%			
50) Toluene-d8	10.263	98	111331	48.163	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.320%			
62) 4-Bromofluorobenzene	12.563	95	37077	45.273	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.540%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.034	59	64	1.507	ug/l #	74
16) Acetone	4.034	43	1911	17.780	ug/l #	42
20) Methylene Chloride	4.798	84	16084	21.057	ug/l	96
25) 2-Butanone	7.069	43	1189	6.633	ug/l #	48
26) 2,2-Dichloropropane	7.075	77	1548	1.550	ug/l #	53
31) Cyclohexane	7.863	56	1161	1.079	ug/l #	41
36) 1,1-Dichloropropene	7.869	75	4256	4.170	ug/l #	46
37) Ethyl Acetate	7.069	43	1189	2.686	ug/l #	6
38) Carbon Tetrachloride	7.875	117	4975	5.387	ug/l #	11
76) 1,2,3-Trichloropropane	12.569	75	18905	45.384	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	18905	111.896	ug/l #	100

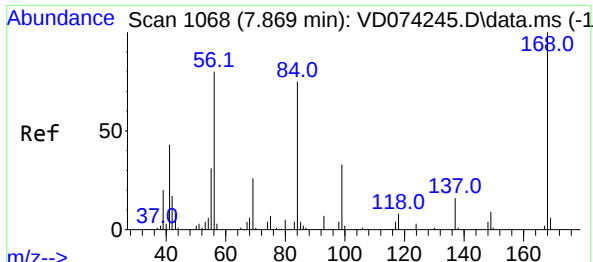
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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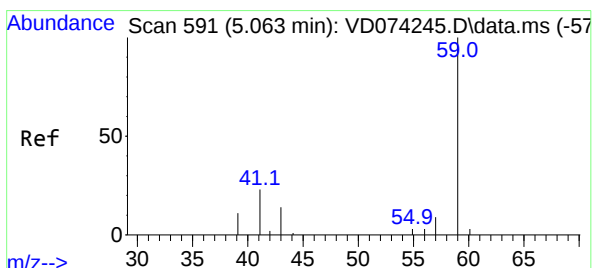
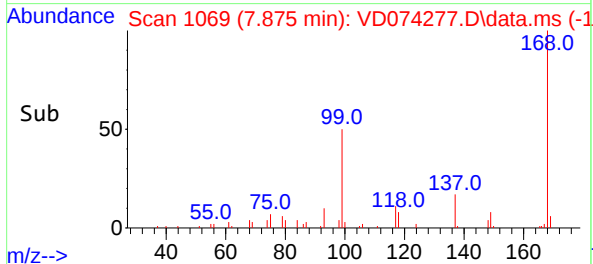
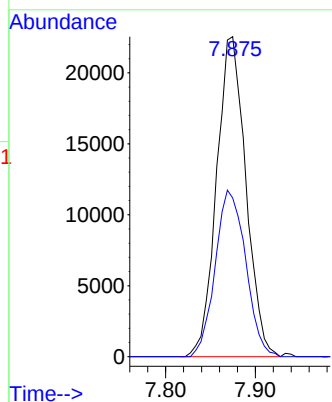
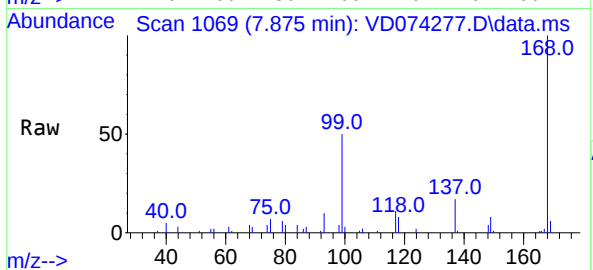




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37

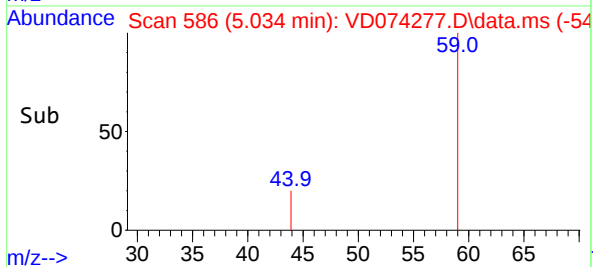
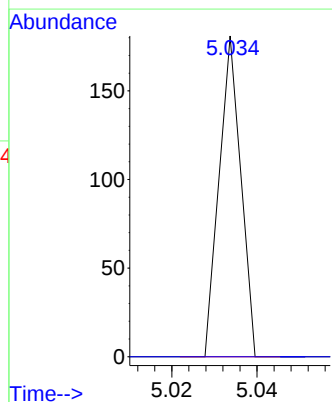
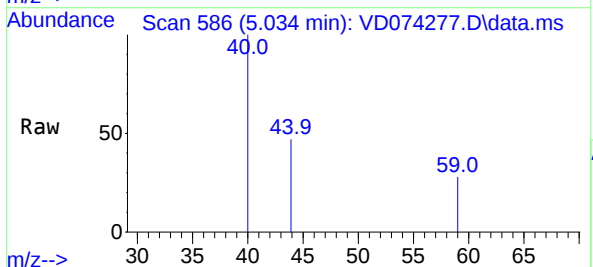
Instrument :
MSVOA_D
ClientSampleId :
OR-02-091222

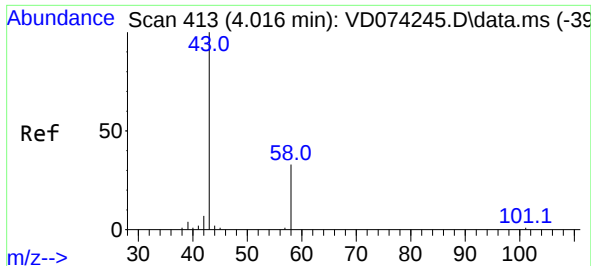
Tgt Ion:168 Resp: 51074
Ion Ratio Lower Upper
168 100
99 49.6 43.0 64.6



#11
Tert butyl alcohol
Concen: 1.507 ug/l
RT: 5.034 min Scan# 586
Delta R.T. -0.030 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37

Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 17.780 ug/l

RT: 4.034 min Scan# 41

Delta R.T. 0.017 min

Lab File: VD074277.D

Acq: 13 Sep 2022 20:37

Instrument :

MSVOA_D

ClientSampleId :

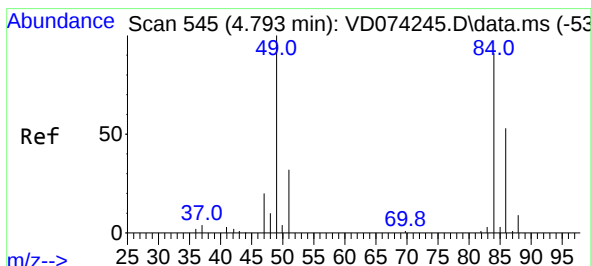
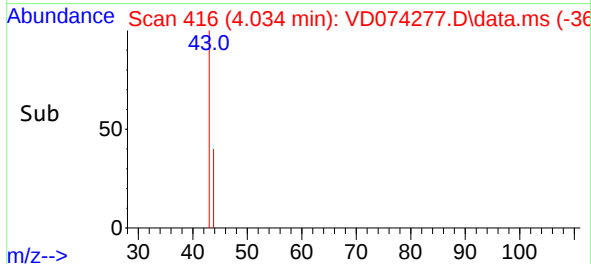
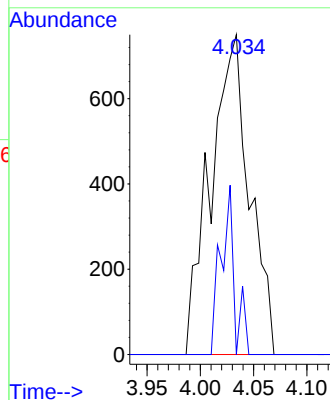
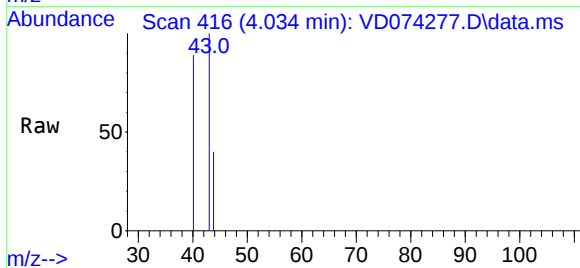
OR-02-091222

Tgt Ion: 43 Resp: 1911

Ion Ratio Lower Upper

43 100

58 0.0 26.4 39.6#



#20

Methylene Chloride

Concen: 21.057 ug/l

RT: 4.798 min Scan# 546

Delta R.T. 0.005 min

Lab File: VD074277.D

Acq: 13 Sep 2022 20:37

Tgt Ion: 84 Resp: 16084

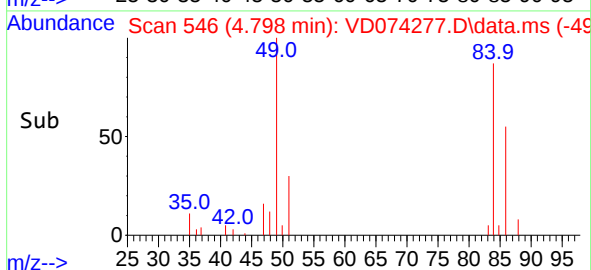
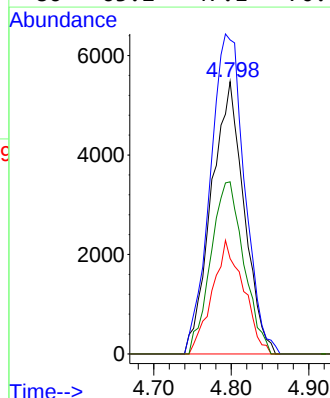
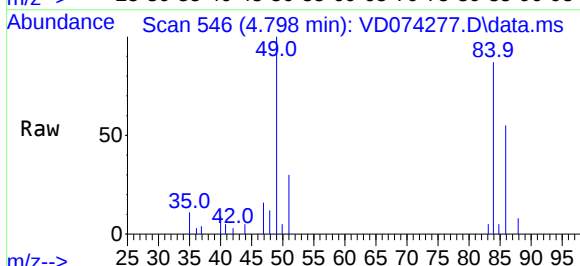
Ion Ratio Lower Upper

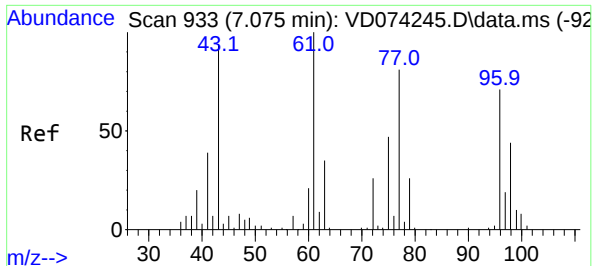
84 100

49 115.3 88.4 132.6

51 35.0 28.0 42.0

86 63.2 47.1 70.7





#25

2-Butanone

Concen: 6.633 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074277.D

Acq: 13 Sep 2022 20:37

Instrument :

MSVOA_D

ClientSampleId :

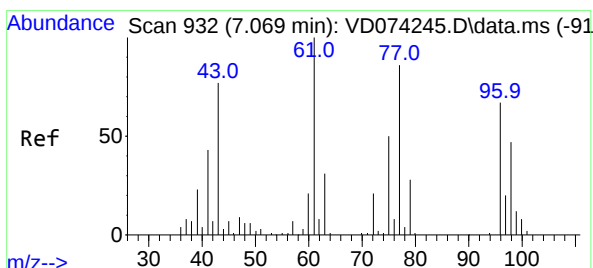
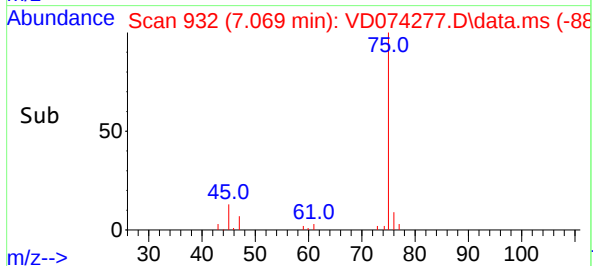
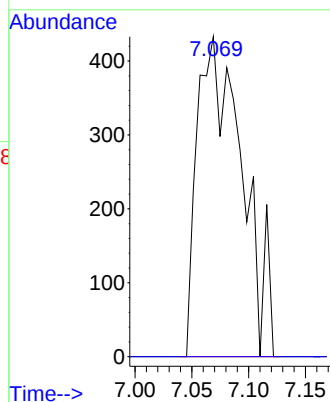
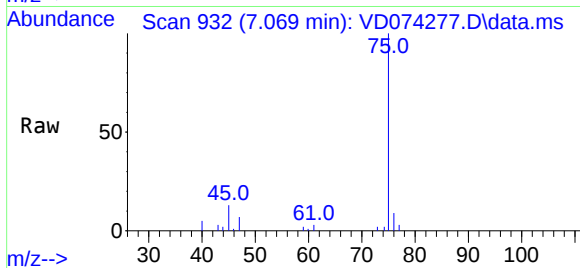
OR-02-091222

Tgt Ion: 43 Resp: 1189

Ion Ratio Lower Upper

43 100

72 0.0 21.8 32.6#



#26

2,2-Dichloropropane

Concen: 1.550 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.005 min

Lab File: VD074277.D

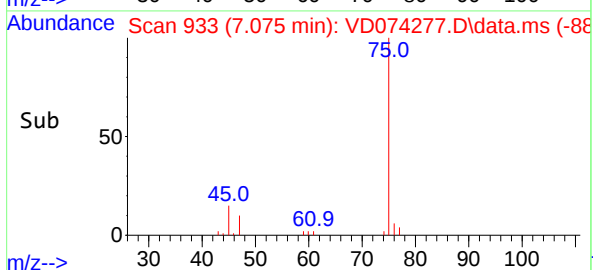
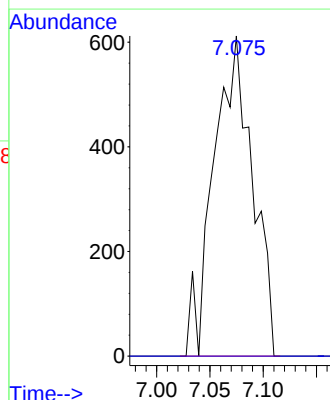
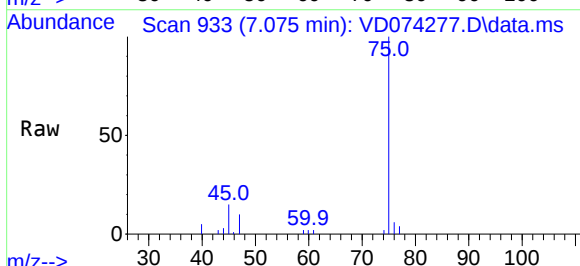
Acq: 13 Sep 2022 20:37

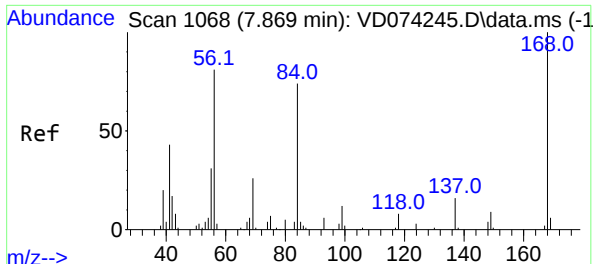
Tgt Ion: 77 Resp: 1548

Ion Ratio Lower Upper

77 100

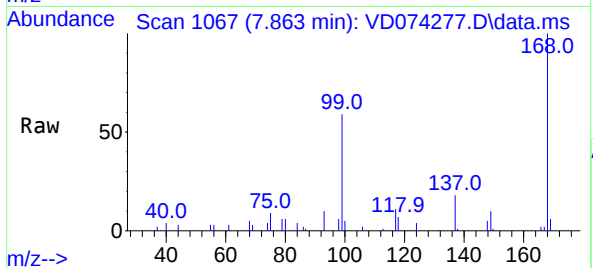
97 0.0 11.5 34.4#



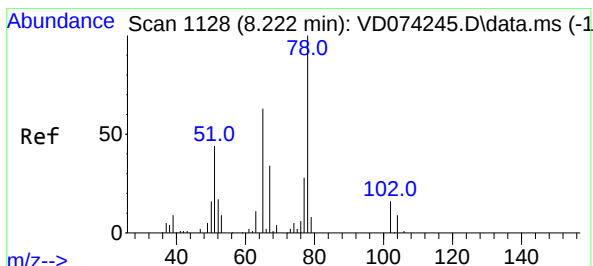
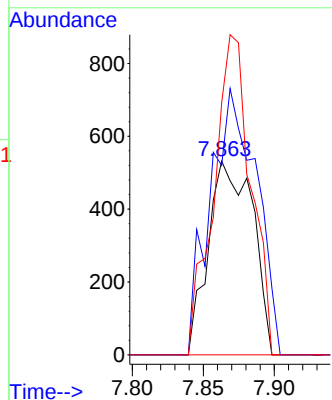
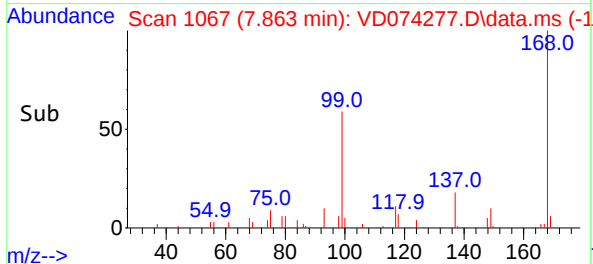


#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.863 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37

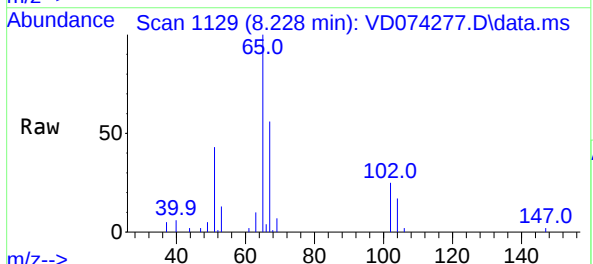
Instrument :
MSVOA_D
ClientSampleId :
OR-02-091222



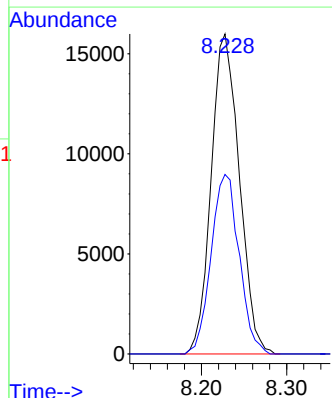
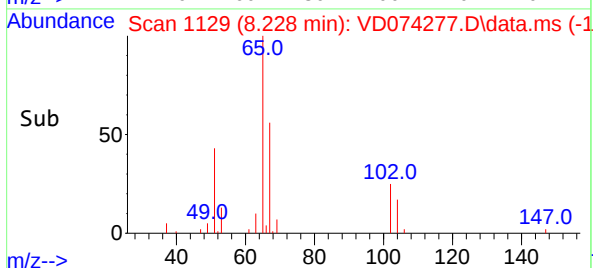
Tgt Ion: 56 Resp: 1161
Ion Ratio Lower Upper
56 100
69 97.7 25.7 38.5#
84 129.9 73.9 110.9#

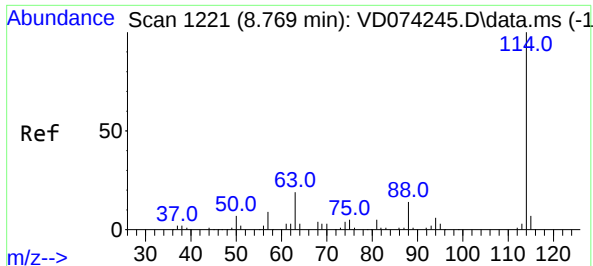


#33
1,2-Dichloroethane-d4
Concen: 70.502 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.005 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37



Tgt Ion: 65 Resp: 36711
Ion Ratio Lower Upper
65 100
67 55.9 0.0 110.6

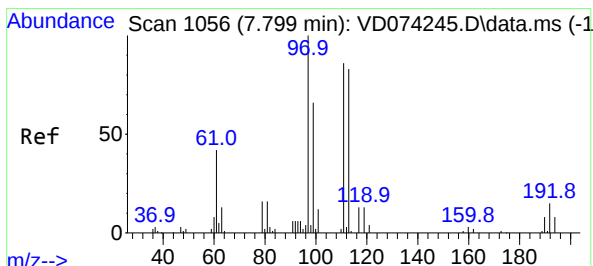
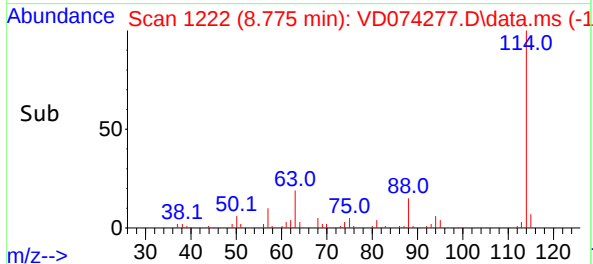
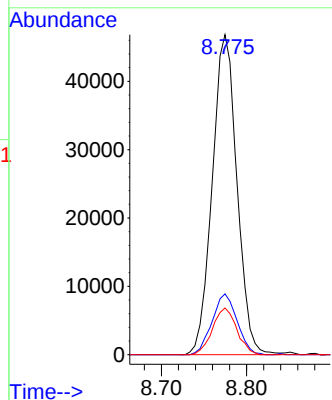
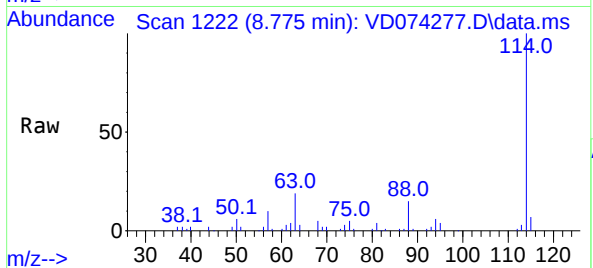




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37

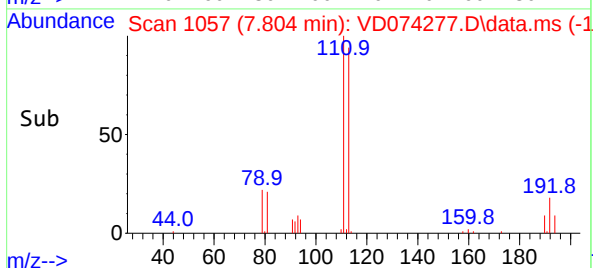
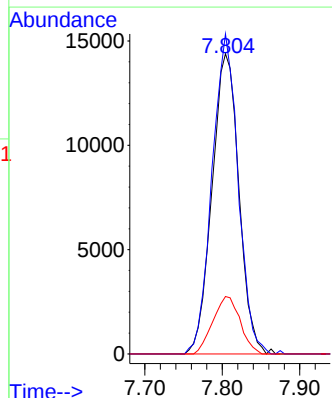
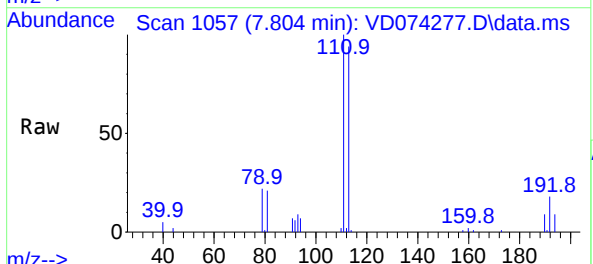
Instrument :
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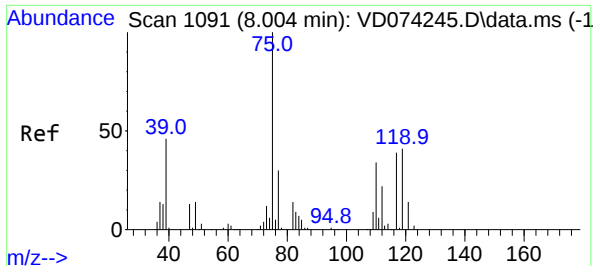
Tgt Ion:114 Resp: 94298
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.6
88 14.6 0.0 28.4



#35
Dibromofluoromethane
Concen: 55.299 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37

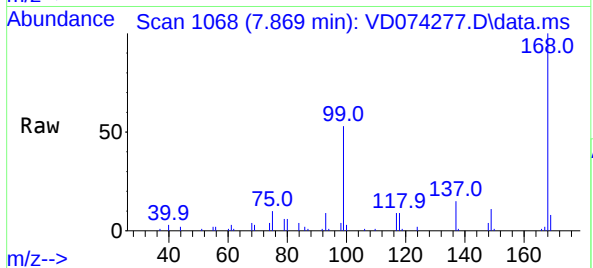
Tgt Ion:113 Resp: 34676
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.6
192 19.4 16.2 24.2



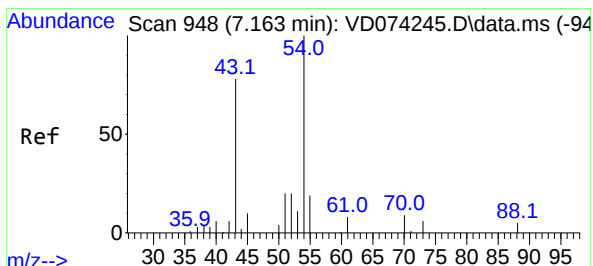
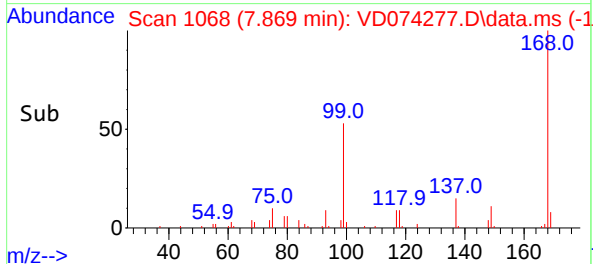
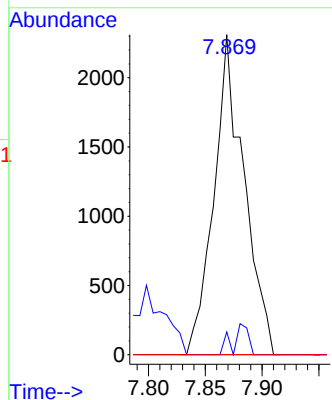


#36
1,1-Dichloropropene
Concen: 4.170 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37

Instrument :
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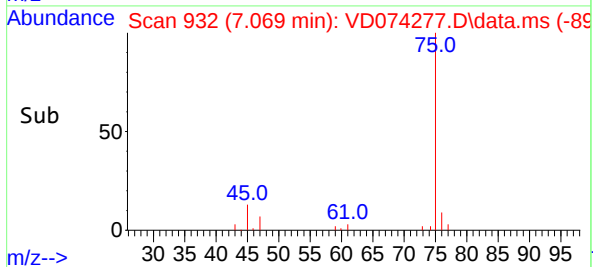
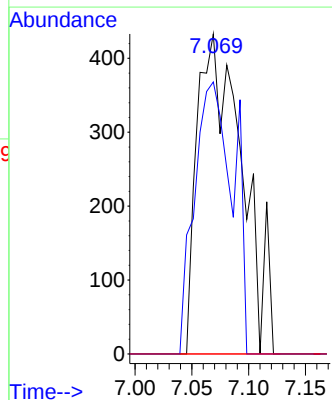
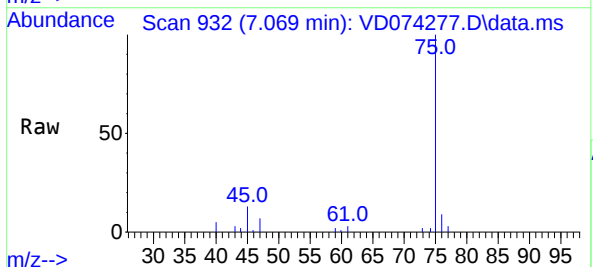


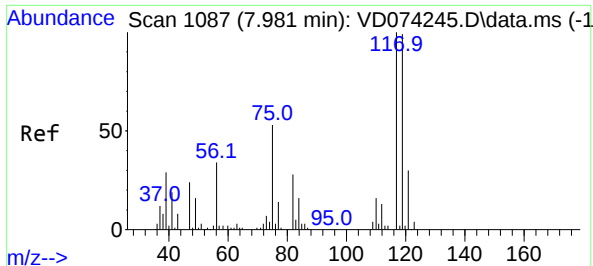
Tgt Ion: 75 Resp: 4256
Ion Ratio Lower Upper
75 100
110 4.8 17.5 52.5#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 2.686 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.095 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37

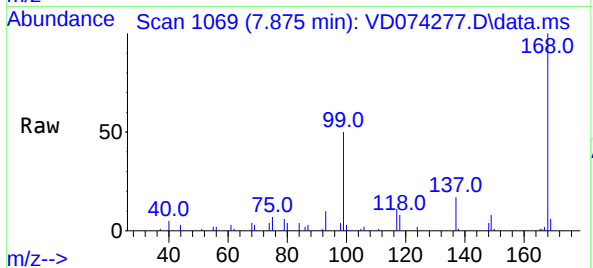
Tgt Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
61 73.3 12.1 18.1#
70 0.0 8.5 12.7#



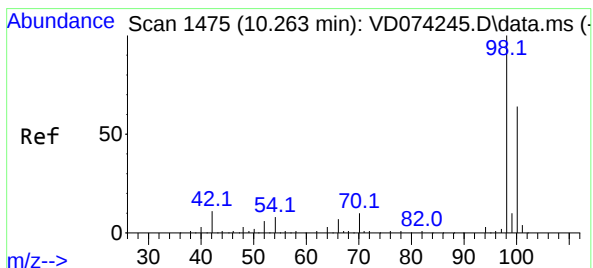
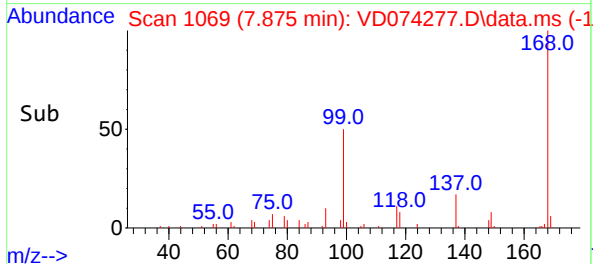
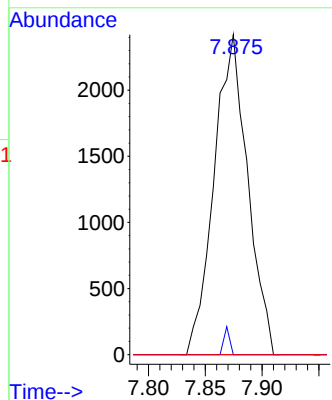


#38
Carbon Tetrachloride
Concen: 5.387 ug/l
RT: 7.875 min Scan# 1087
Delta R.T. -0.106 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37

Instrument :
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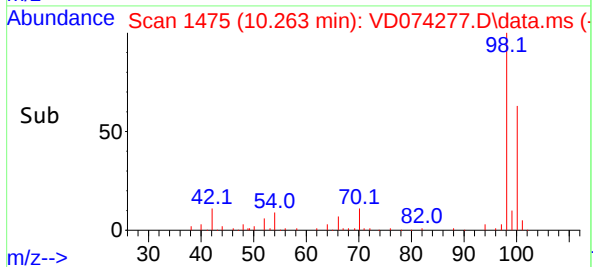
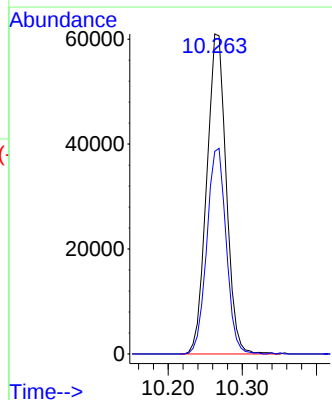
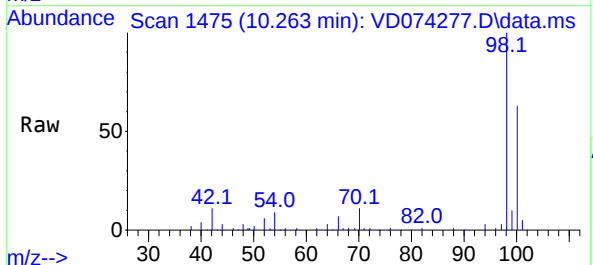


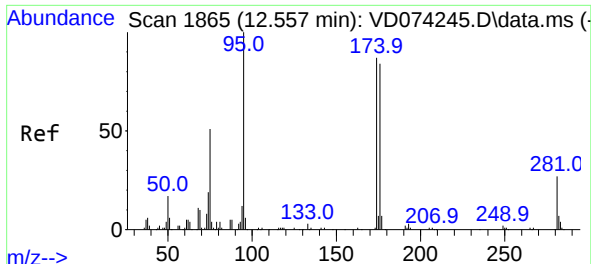
Tgt Ion:117 Resp: 4975
Ion Ratio Lower Upper
117 100
119 0.0 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 48.163 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37

Tgt Ion: 98 Resp: 111331
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.8

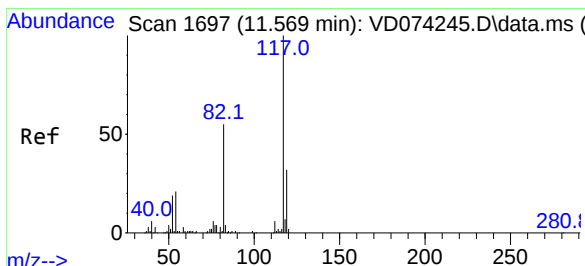
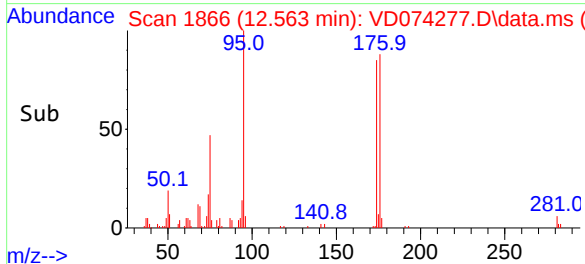
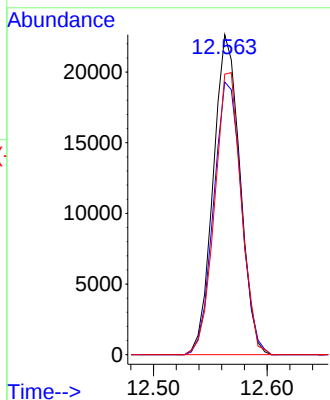
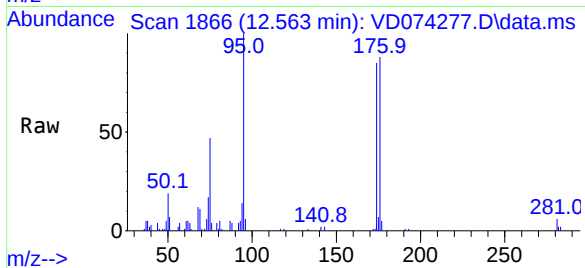




#62
4-Bromofluorobenzene
Concen: 45.273 ug/l
RT: 12.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37

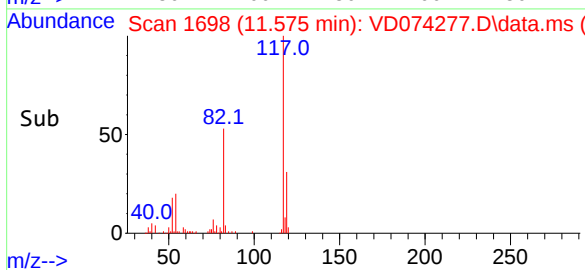
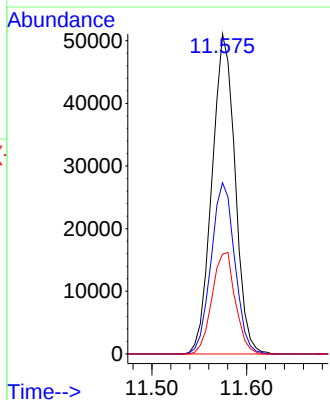
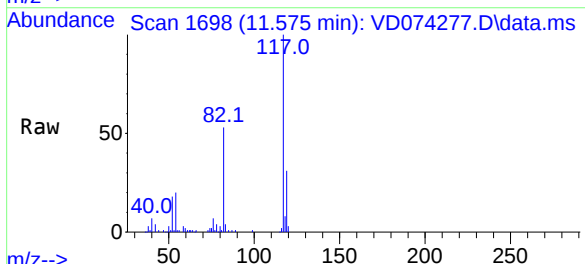
Instrument :
MSVOA_D
ClientSampleId :
OR-02-091222

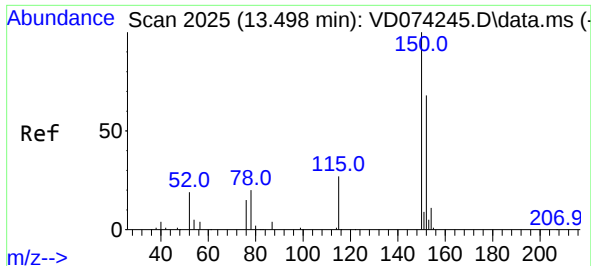
Tgt Ion: 95 Resp: 37077
Ion Ratio Lower Upper
95 100
174 88.5 0.0 179.2
176 87.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.005 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37

Tgt Ion: 117 Resp: 86692
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.2
119 31.2 25.4 38.0

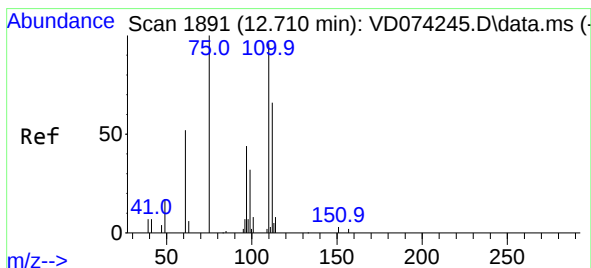
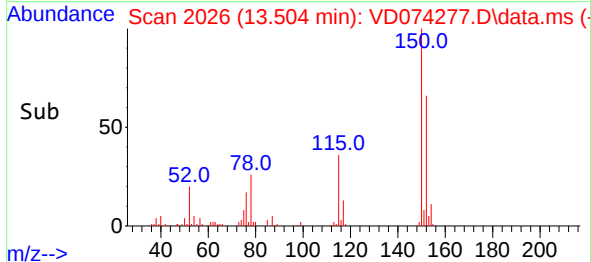
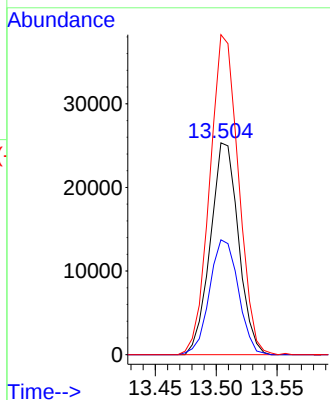
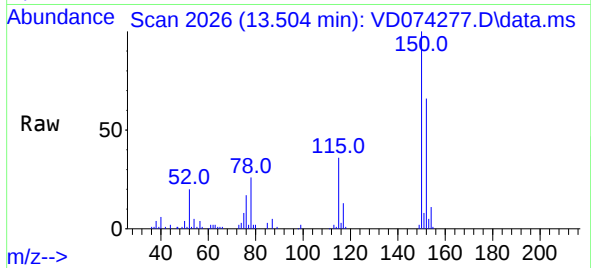




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.504 min Scan# 2025
 Delta R.T. 0.005 min
 Lab File: VD074277.D
 Acq: 13 Sep 2022 20:37

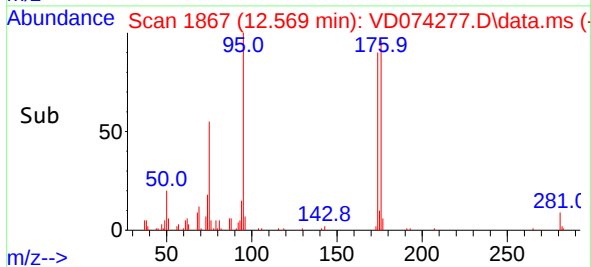
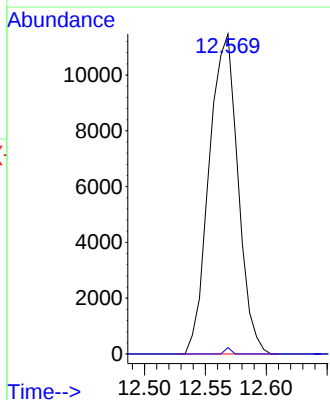
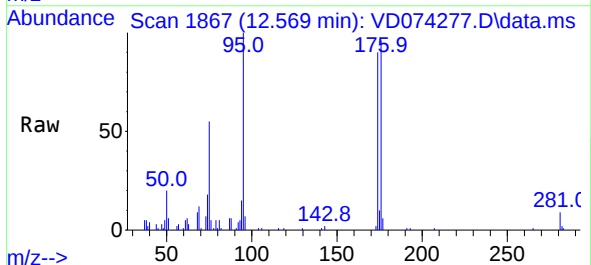
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-091222

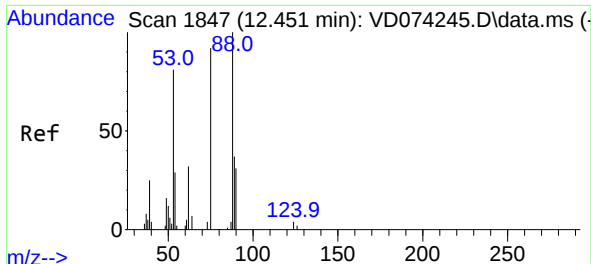
Tgt Ion:152 Resp: 40634
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.4 85.2
 150 154.5 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 45.384 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.142 min
 Lab File: VD074277.D
 Acq: 13 Sep 2022 20:37

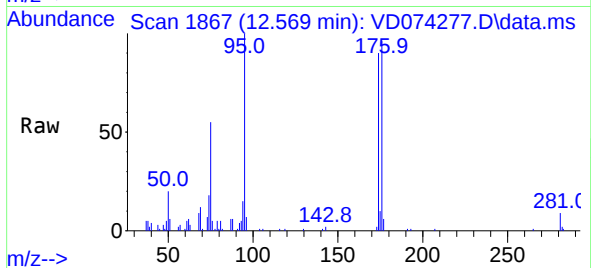
Tgt Ion: 75 Resp: 18905
 Ion Ratio Lower Upper
 75 100
 77 0.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.896 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.117 min
 Lab File: VD074277.D
 Acq: 13 Sep 2022 20:37

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-091222



Tgt Ion:	75	Resp:	18905
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

