

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074529.D
 Acq On : 13 Oct 2022 15:08
 Operator : VA/SY
 Sample : N5116-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWRN-30977

Quant Time: Oct 13 16:58:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

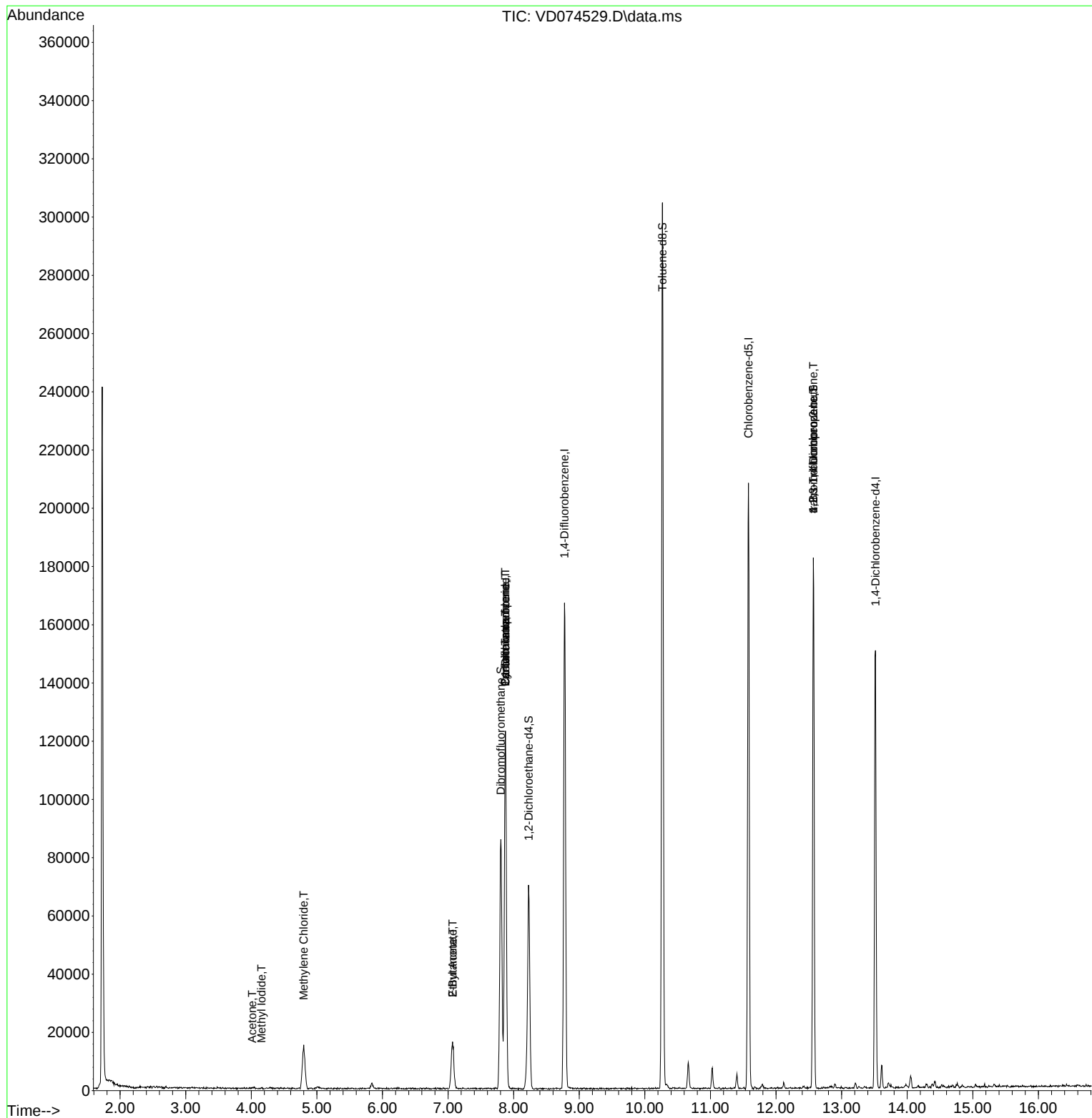
Internal Standards						
1) Pentafluorobenzene	7.875	168	98228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	163228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	130276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	44072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	51708	61.157	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.320%			
35) Dibromofluoromethane	7.804	113	62852	64.736	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 129.480%			
50) Toluene-d8	10.269	98	220875	58.795	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.580%			
62) 4-Bromofluorobenzene	12.569	95	56039	48.681	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.360%			
Target Compounds			Qvalue			
10) Methyl Iodide	4.158	142	244	5.444	ug/l #	43
11) Tert butyl alcohol	5.034	59	241	Below Cal	#	84
16) Acetone	4.016	43	287	1.574	ug/l #	37
20) Methylene Chloride	4.799	84	12261	1.688	ug/l #	84
25) 2-Butanone	7.069	43	918	3.646	ug/l #	42
31) Cyclohexane	7.875	56	1829	1.017	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	6591	4.207	ug/l #	48
37) Ethyl Acetate	7.069	43	918	1.785	ug/l #	11
38) Carbon Tetrachloride	7.875	117	9287	6.412	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	27328	72.557	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	27328	184.047	ug/l #	17

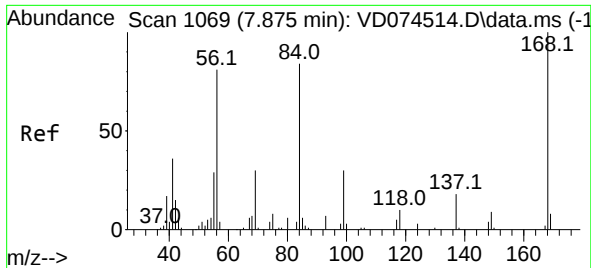
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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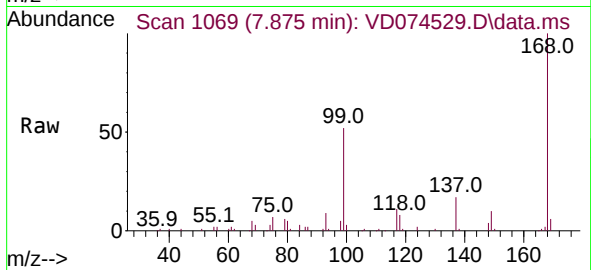
Quant Time: Oct 13 16:58:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 12 13:14:00 2022
Response via : Initial Calibration



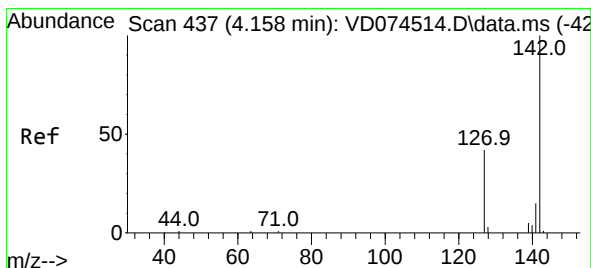
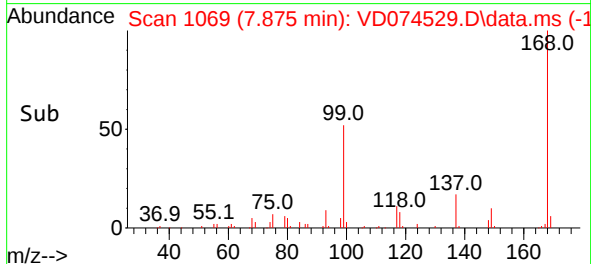
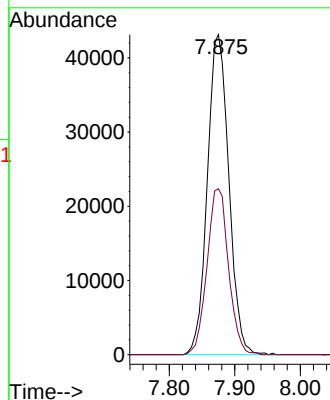


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

Instrument :
MSVOA_D
ClientSampleId :
SWRN-30977

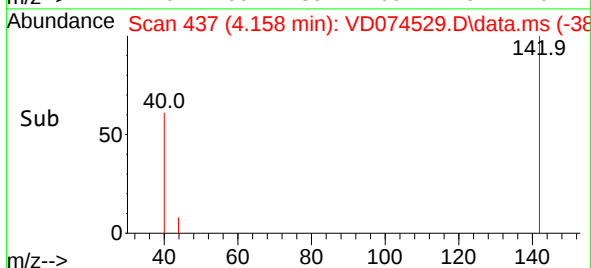
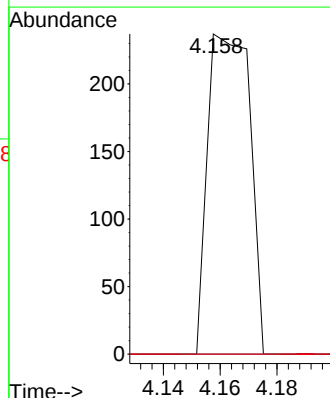
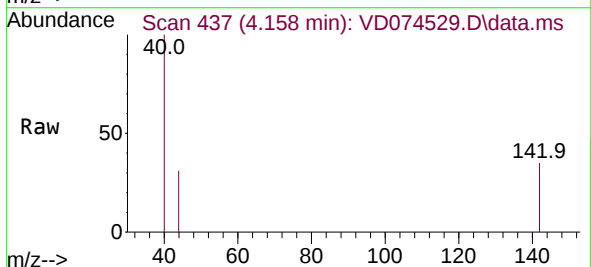


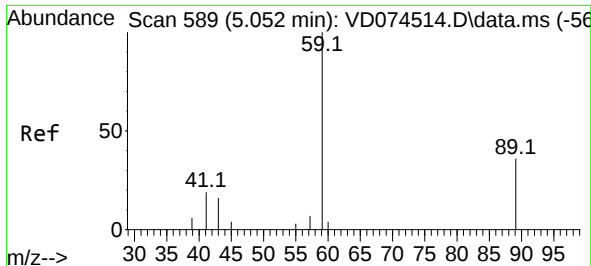
Tgt Ion:168 Resp: 98228
Ion Ratio Lower Upper
168 100
99 51.8 40.9 61.3



#10
Methyl Iodide
Concen: 5.444 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

Tgt Ion:142 Resp: 244
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.034 min Scan# 51

Delta R.T. -0.018 min

Lab File: VD074529.D

Acq: 13 Oct 2022 15:08

Instrument :

MSVOA_D

ClientSampleId :

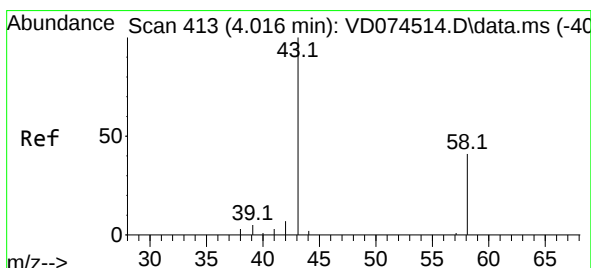
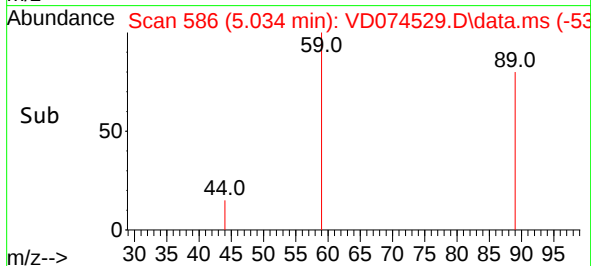
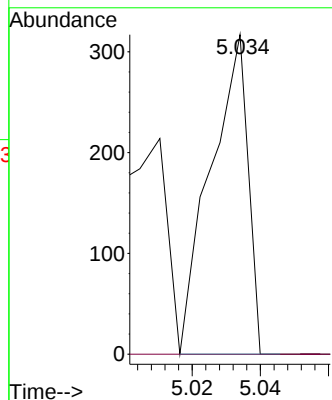
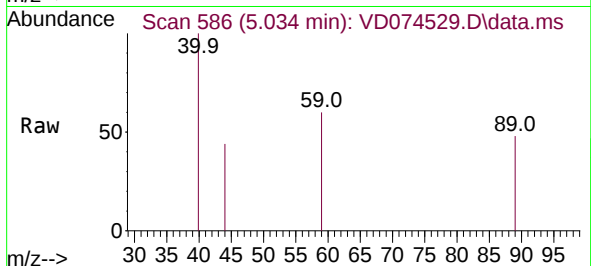
SWRN-30977

Tgt Ion: 59 Resp: 241

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 1.574 ug/l

RT: 4.016 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD074529.D

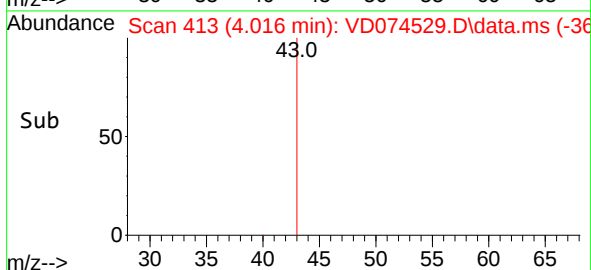
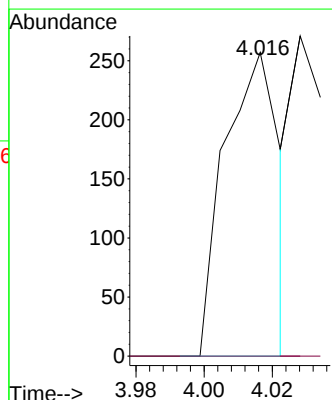
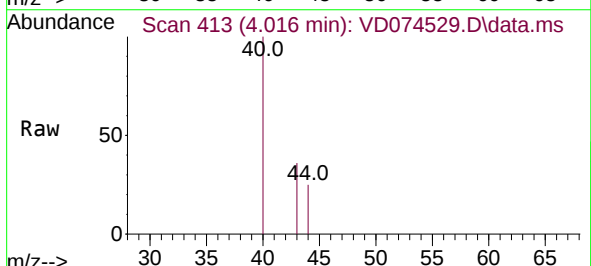
Acq: 13 Oct 2022 15:08

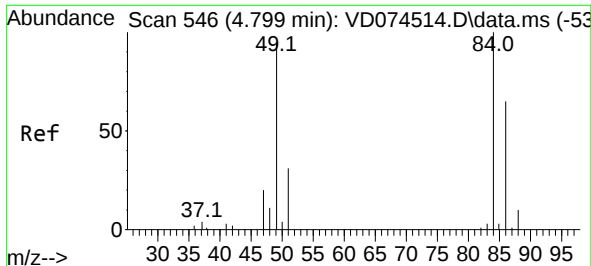
Tgt Ion: 43 Resp: 287

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#

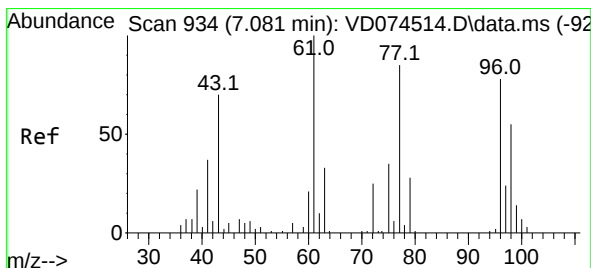
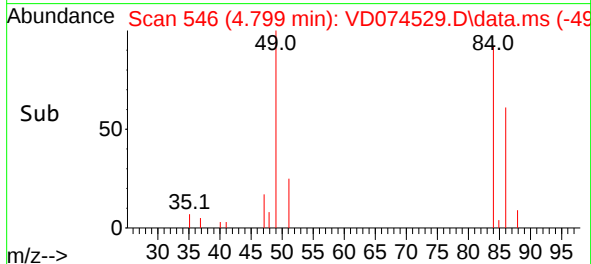
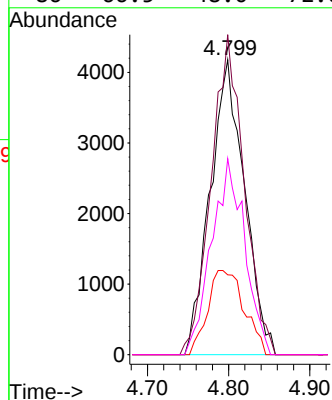
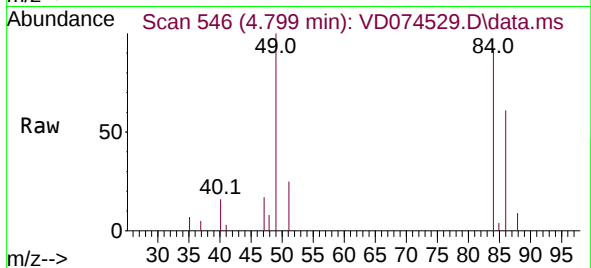




#20
Methylene Chloride
Concen: 1.688 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

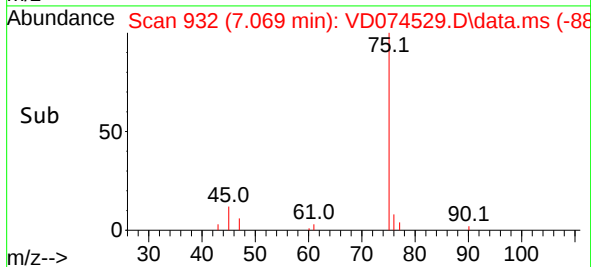
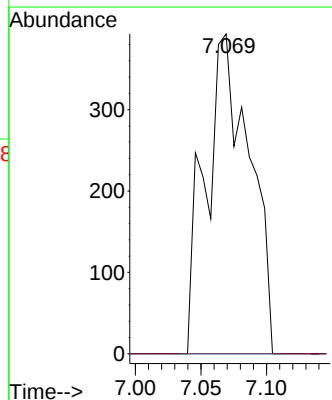
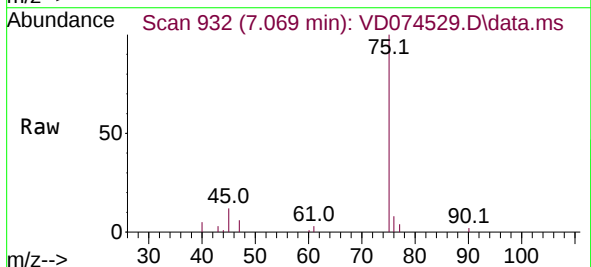
Instrument :
MSVOA_D
ClientSampleId :
SWRN-30977

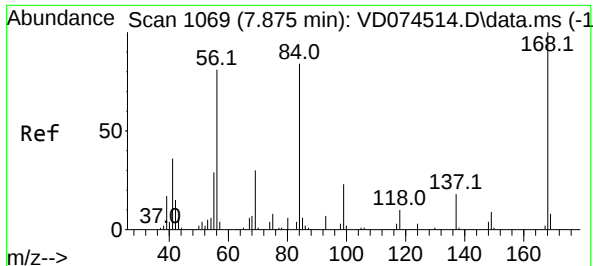
Tgt Ion: 84	Resp: 12261
Ion Ratio	Lower Upper
84 100	
49 108.5	68.0 102.0#
51 27.1	23.2 34.8
86 66.5	48.0 72.0



#25
2-Butanone
Concen: 3.646 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

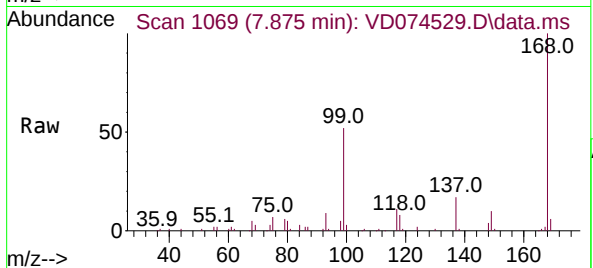
Tgt Ion: 43	Resp: 918		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	25.8	38.8#	



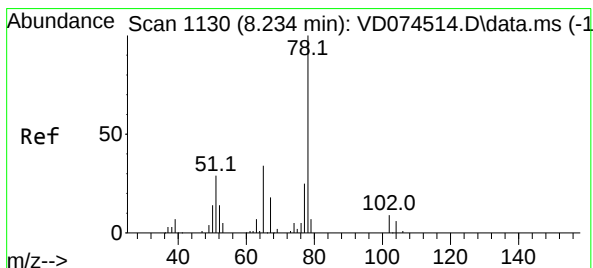
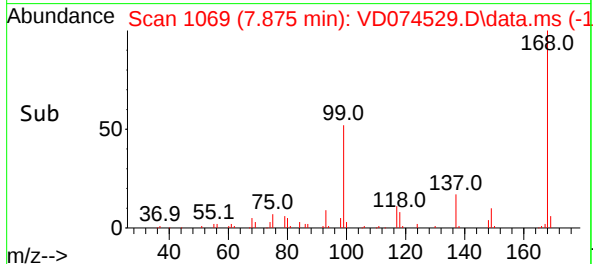
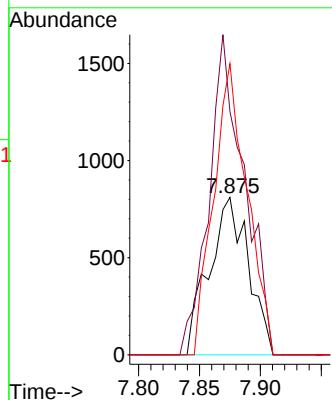


#31
Cyclohexane
Concen: 1.017 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

Instrument :
MSVOA_D
ClientSampleId :
SWRN-30977

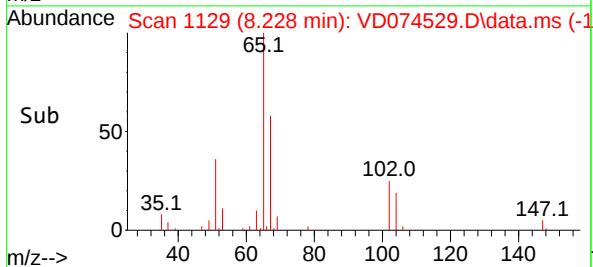
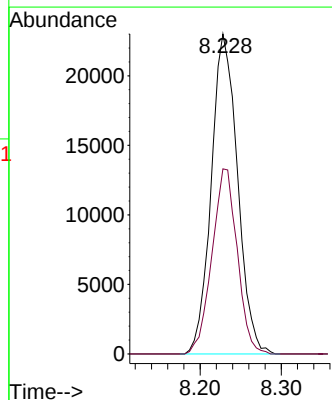
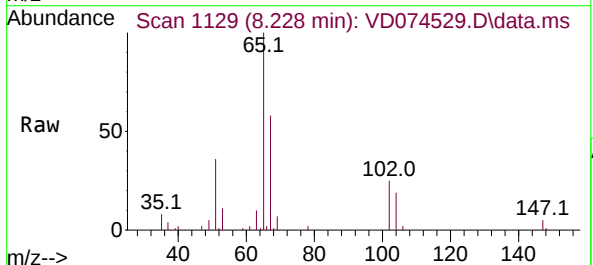


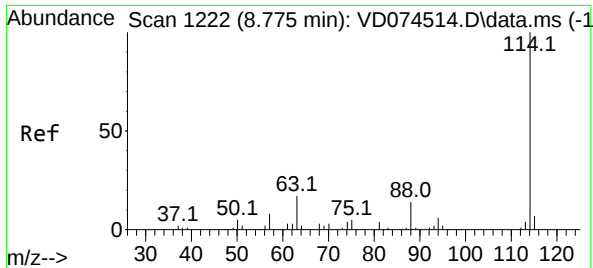
Tgt Ion: 56 Resp: 1829
Ion Ratio Lower Upper
56 100
69 154.7 29.2 43.8#
84 185.1 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 61.157 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

Tgt Ion: 65 Resp: 51708
Ion Ratio Lower Upper
65 100
67 55.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074529.D

Acq: 13 Oct 2022 15:08

Instrument :

MSVOA_D

ClientSampleId :

SWRN-30977

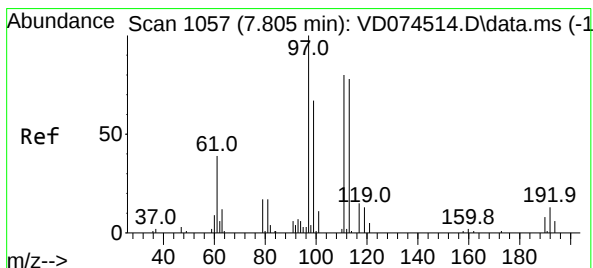
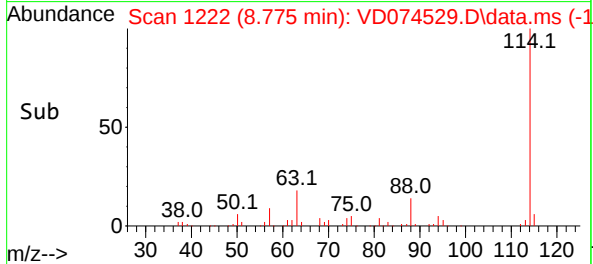
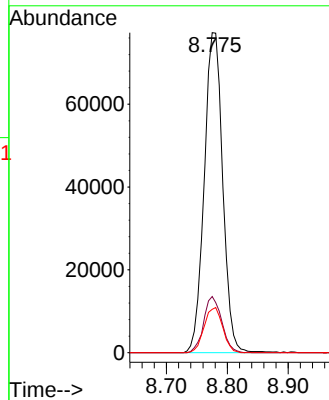
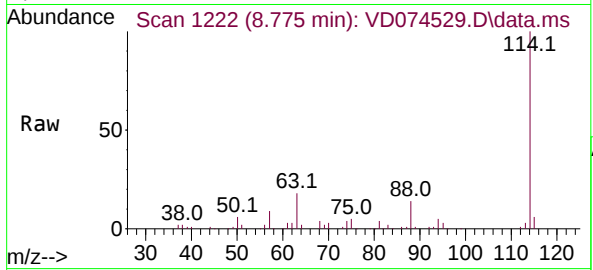
Tgt Ion:114 Resp: 163228

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.2

88 13.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 64.736 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074529.D

Acq: 13 Oct 2022 15:08

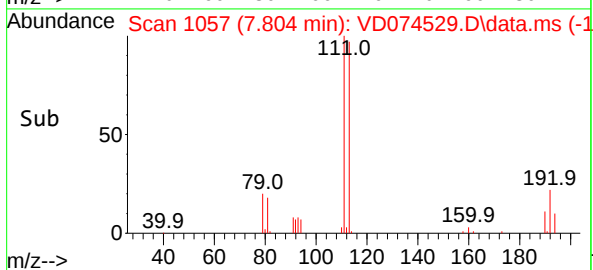
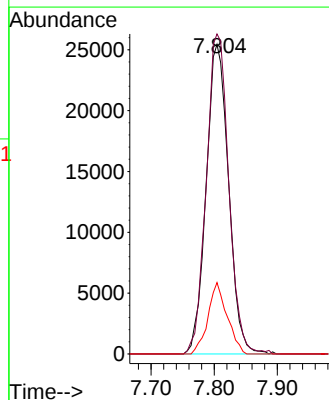
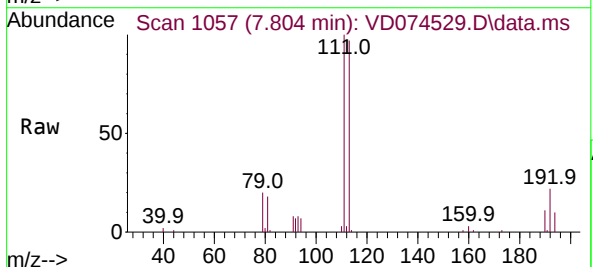
Tgt Ion:113 Resp: 62852

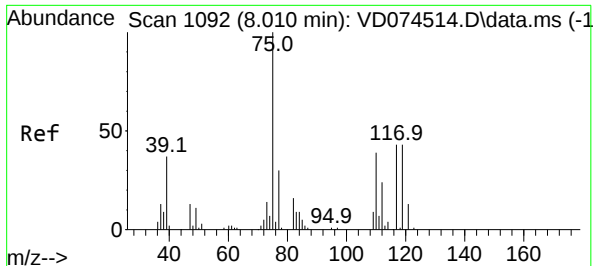
Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

192 19.7 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.207 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074529.D

Acq: 13 Oct 2022 15:08

Instrument :

MSVOA_D

ClientSampleId :

SWRN-30977

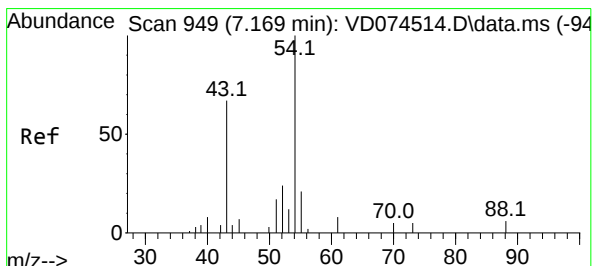
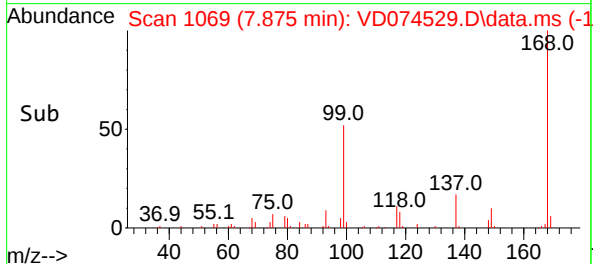
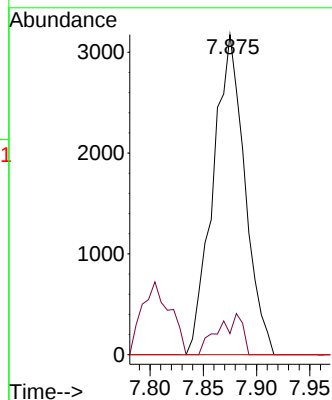
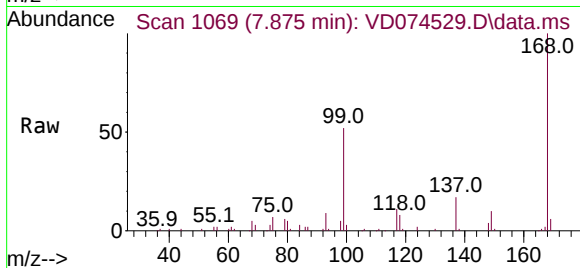
Tgt Ion: 75 Resp: 6591

Ion Ratio Lower Upper

75 100

110 9.9 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 1.785 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.100 min

Lab File: VD074529.D

Acq: 13 Oct 2022 15:08

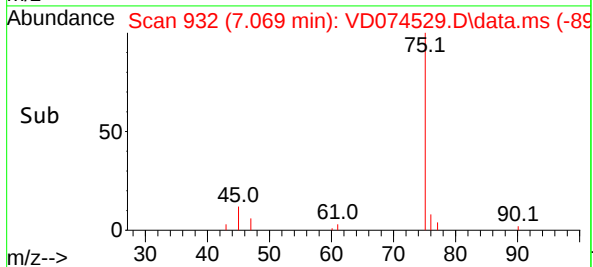
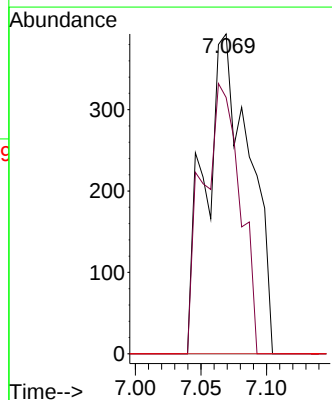
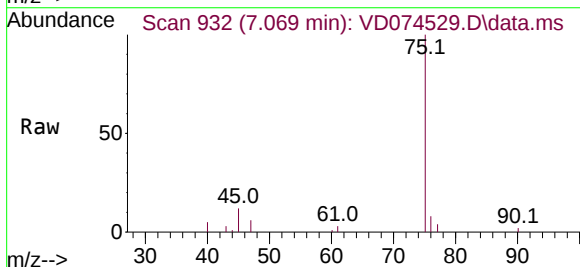
Tgt Ion: 43 Resp: 918

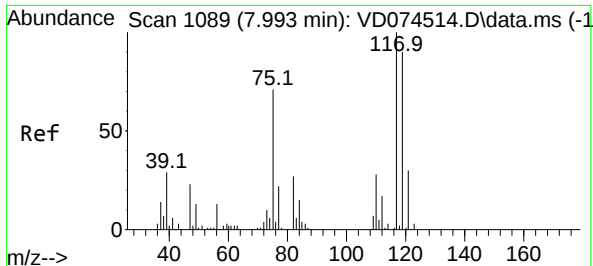
Ion Ratio Lower Upper

43 100

61 71.6 12.2 18.4#

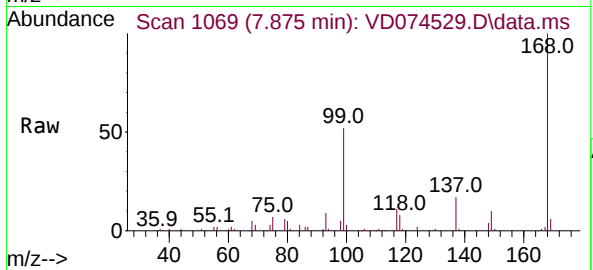
70 0.0 9.6 14.4#



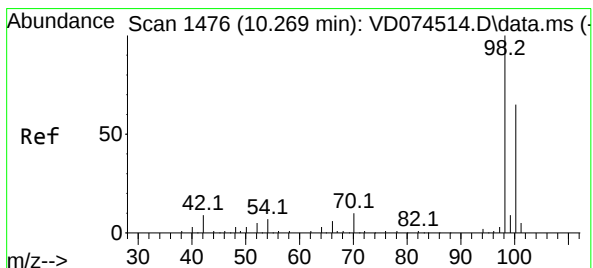
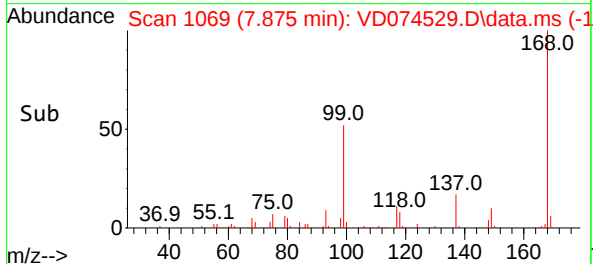
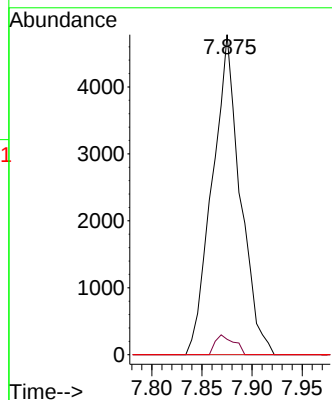


#38
Carbon Tetrachloride
Concen: 6.412 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

Instrument :
MSVOA_D
ClientSampleId :
SWRN-30977

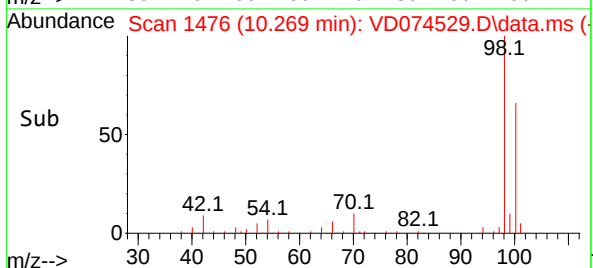
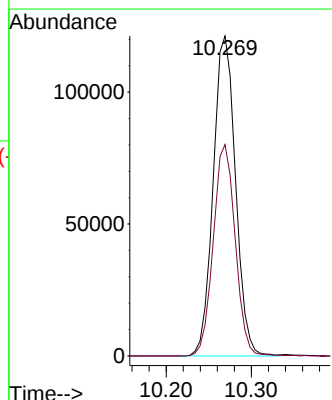
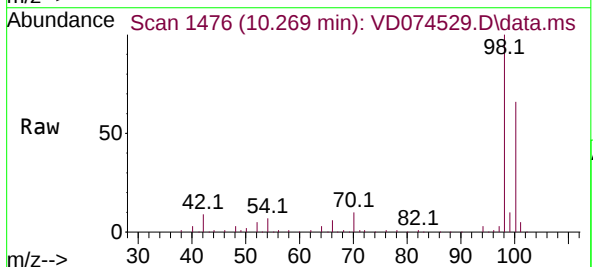


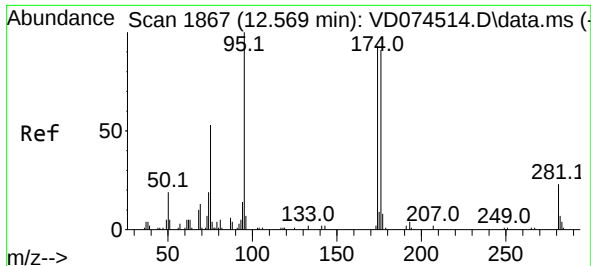
Tgt Ion:117 Resp: 9287
Ion Ratio Lower Upper
117 100
119 4.8 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 58.795 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

Tgt Ion: 98 Resp: 220875
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0

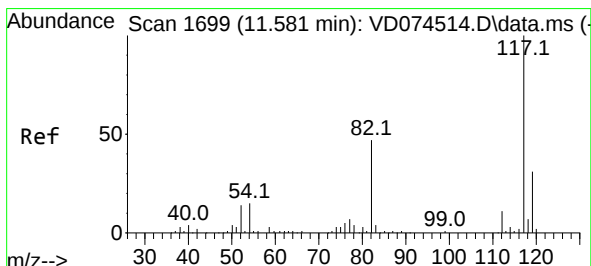
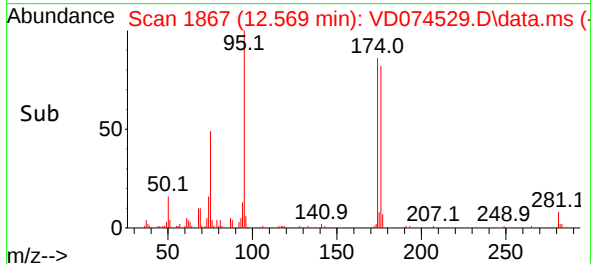
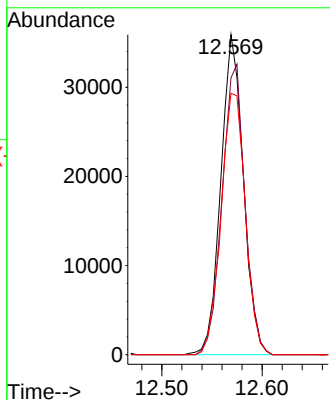
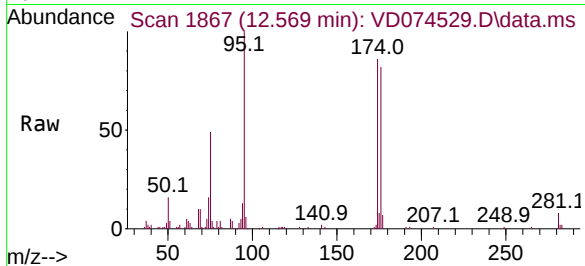




#62
4-Bromofluorobenzene
Concen: 48.681 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

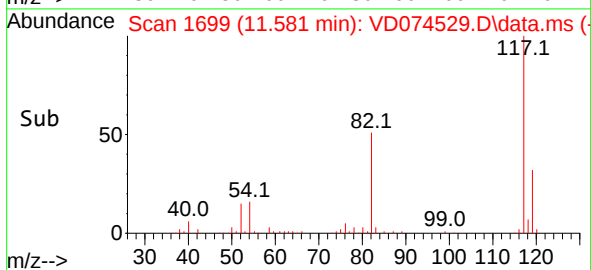
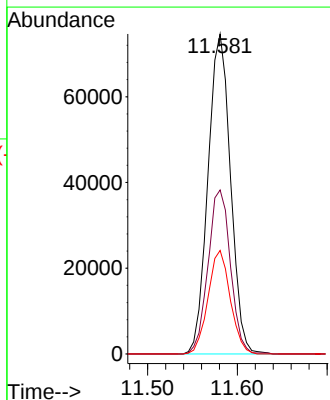
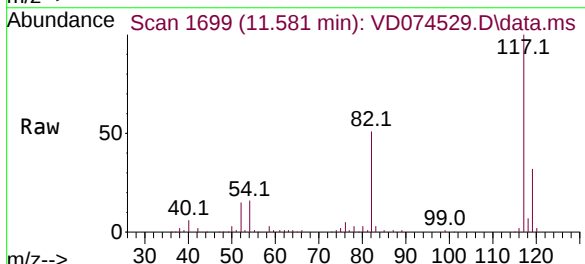
Instrument :
MSVOA_D
ClientSampleId :
SWRN-30977

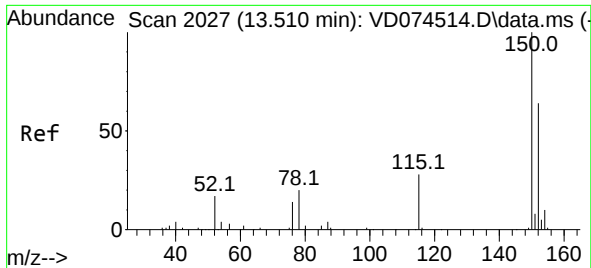
Tgt Ion: 95 Resp: 56039
Ion Ratio Lower Upper
95 100
174 91.7 0.0 197.0
176 87.8 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

Tgt Ion: 117 Resp: 130276
Ion Ratio Lower Upper
117 100
82 51.2 41.6 62.4
119 32.4 25.2 37.8

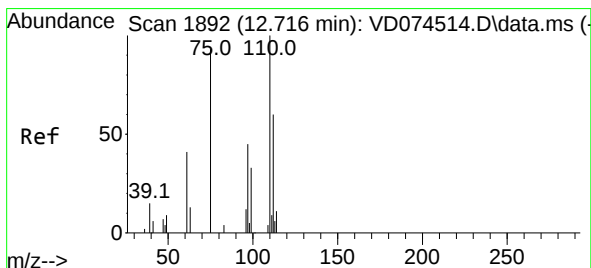
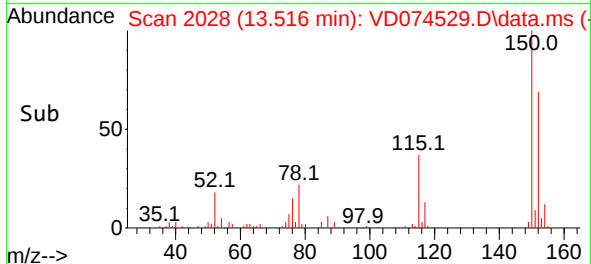
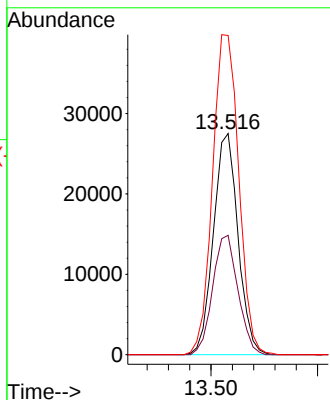
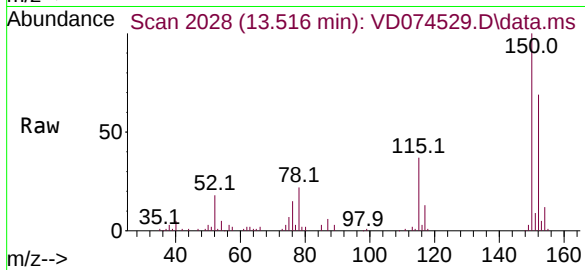




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074529.D
 Acq: 13 Oct 2022 15:08

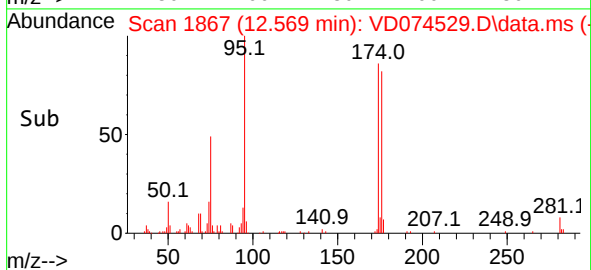
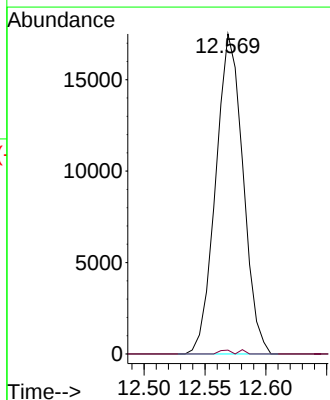
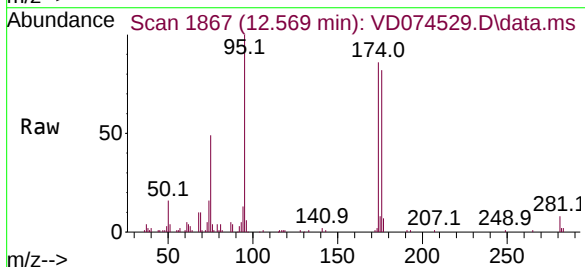
Instrument :
 MSVOA_D
 ClientSampleId :
 SWRN-30977

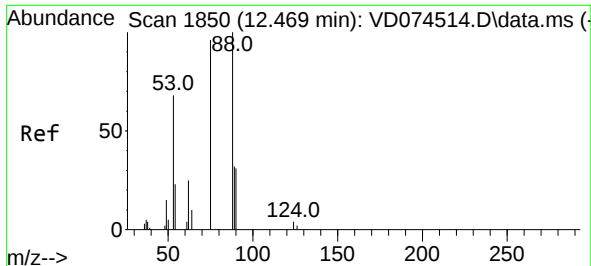
Tgt Ion:152 Resp: 44072
 Ion Ratio Lower Upper
 152 100
 115 55.5 26.8 80.4
 150 154.3 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 72.557 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.147 min
 Lab File: VD074529.D
 Acq: 13 Oct 2022 15:08

Tgt Ion: 75 Resp: 27328
 Ion Ratio Lower Upper
 75 100
 77 0.8 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 184.047 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074529.D
 Acq: 13 Oct 2022 15:08

Instrument :
 MSVOA_D
 ClientSampleId :
 SWRN-30977

Tgt Ion: 75 Resp: 27328
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

