

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074388.D
 Acq On : 21 Sep 2022 14:46
 Operator : VA/SY
 Sample : N4641-09
 Misc : 6.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 05:12:26 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)

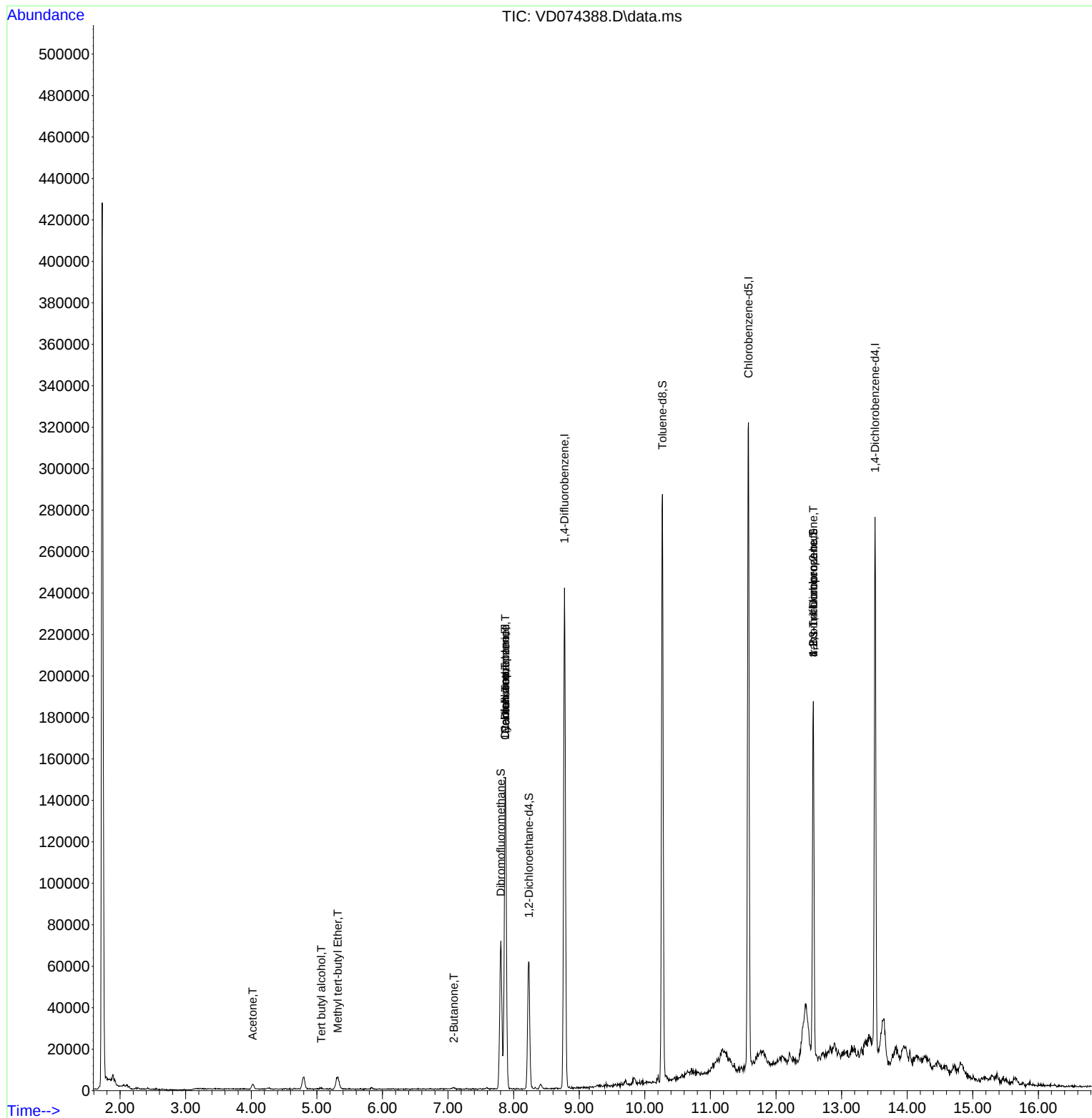
Internal Standards						
1) Pentafluorobenzene	7.875	168	114576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	208908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	181200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	69537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48977	43.887	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.780%		
35) Dibromofluoromethane	7.805	113	50571	36.755	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	73.520%		
50) Toluene-d8	10.269	98	195656	41.213	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	82.420%		
62) 4-Bromofluorobenzene	12.569	95	53443	31.051	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	62.100%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.069	59	1079	14.307	ug/l #	74
16) Acetone	4.022	43	4393	17.473	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	10911	4.147	ug/l	97
20) Methylene Chloride	4.799	84	4828	Below Cal	#	83
25) 2-Butanone	7.087	43	685	1.829	ug/l #	48
31) Cyclohexane	7.869	56	2652	1.133	ug/l #	8
36) 1,1-Dichloropropene	7.869	75	9377	4.465	ug/l #	50
38) Carbon Tetrachloride	7.875	117	11646	6.257	ug/l #	17
76) 1,2,3-Trichloropropane	12.569	75	27919	43.395	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	27919	108.758	ug/l #	100

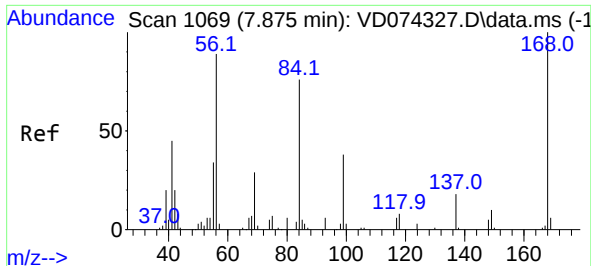
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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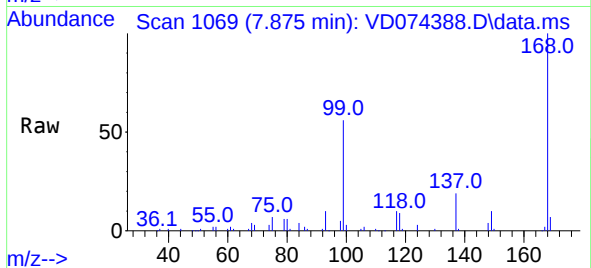
Quant Time: Sep 22 05:12:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
Response via : Initial Calibration



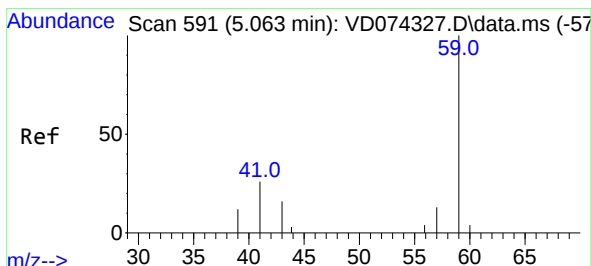
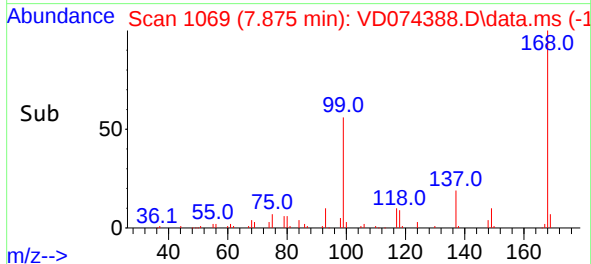
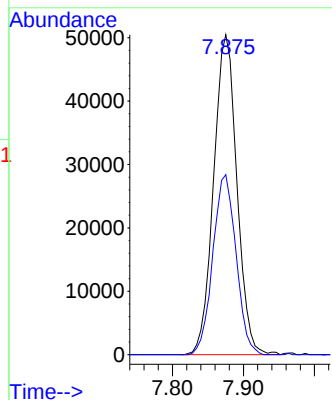


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

Instrument :
MSVOA_D
ClientSampleId :

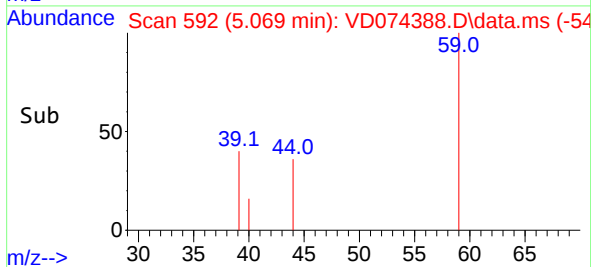
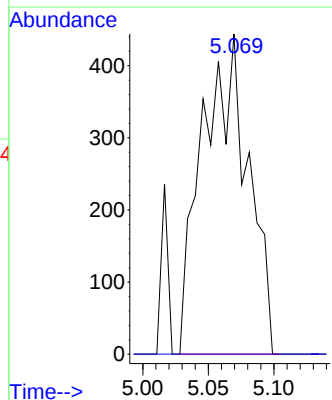
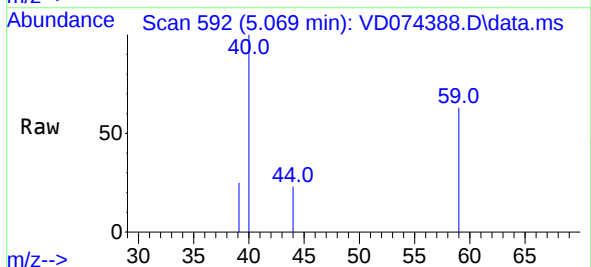


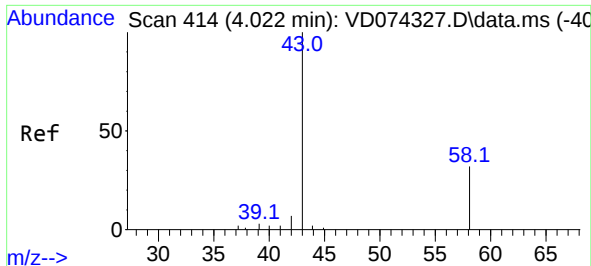
Tgt Ion:168 Resp: 114576
Ion Ratio Lower Upper
168 100
99 56.3 43.0 64.6



#11
Tert butyl alcohol
Concen: 14.307 ug/l
RT: 5.069 min Scan# 592
Delta R.T. 0.006 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

Tgt Ion: 59 Resp: 1079
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

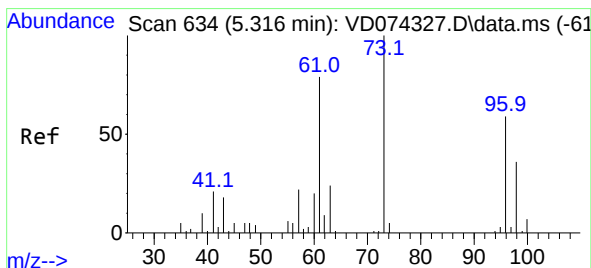
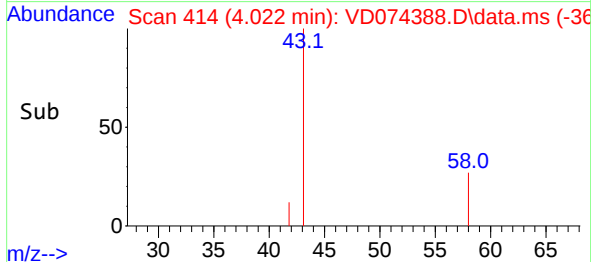
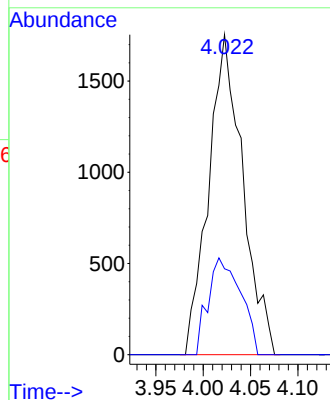
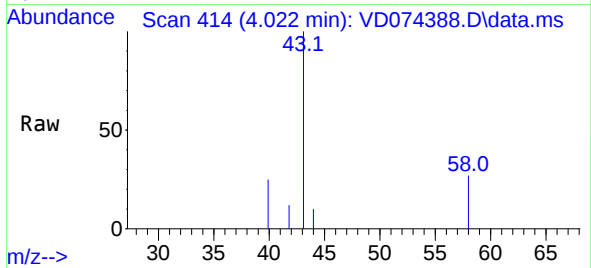




#16
Acetone
Concen: 17.473 ug/l
RT: 4.022 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

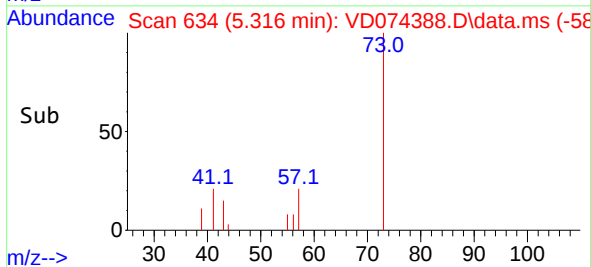
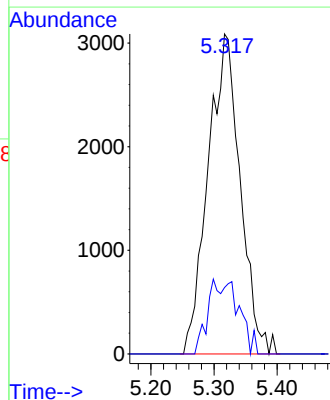
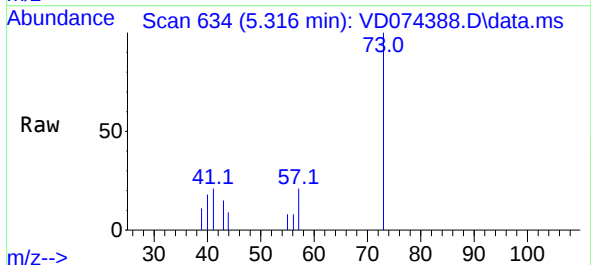
Instrument :
MSVOA_D
ClientSampleId :

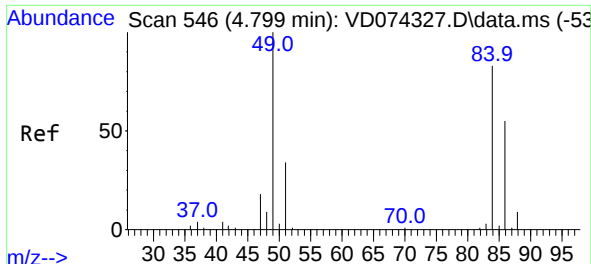
Tgt Ion: 43 Resp: 4393
Ion Ratio Lower Upper
43 100
58 26.9 26.4 39.6



#19
Methyl tert-butyl Ether
Concen: 4.147 ug/l
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

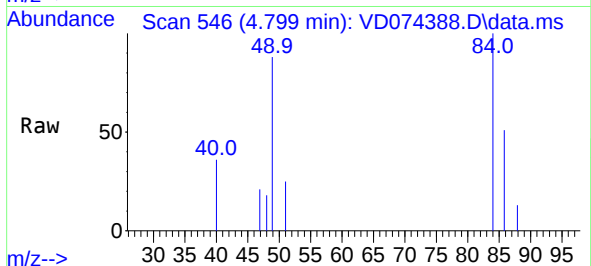
Tgt Ion: 73 Resp: 10911
Ion Ratio Lower Upper
73 100
57 20.8 17.8 26.6





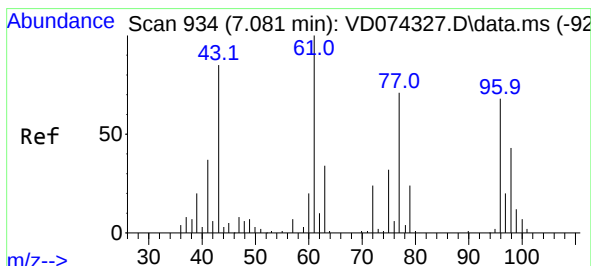
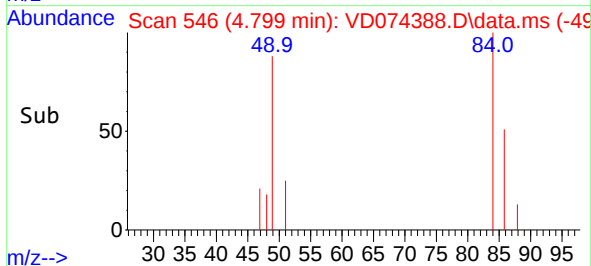
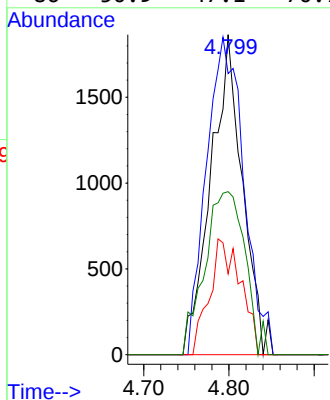
#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 4828

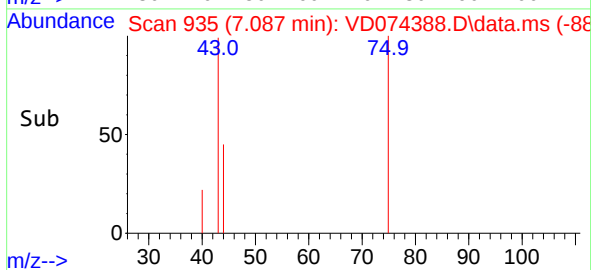
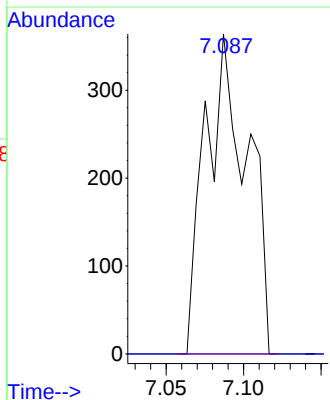
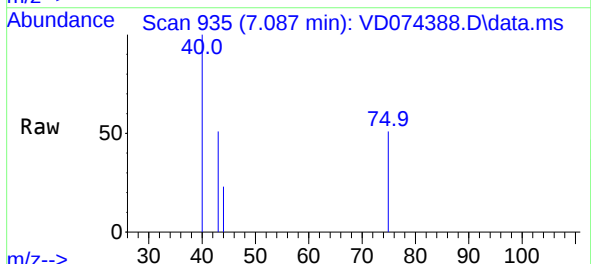
Ion	Ratio	Lower	Upper
84	100		
49	87.8	88.4	132.6#
51	25.3	28.0	42.0#
86	50.9	47.1	70.7

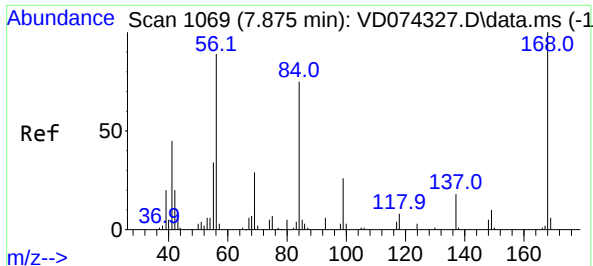


#25
2-Butanone
Concen: 1.829 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

Tgt Ion: 43 Resp: 685

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#





#31

Cyclohexane

Concen: 1.133 ug/l

RT: 7.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD074388.D

Acq: 21 Sep 2022 14:46

Instrument :

MSVOA_D

ClientSampleId :

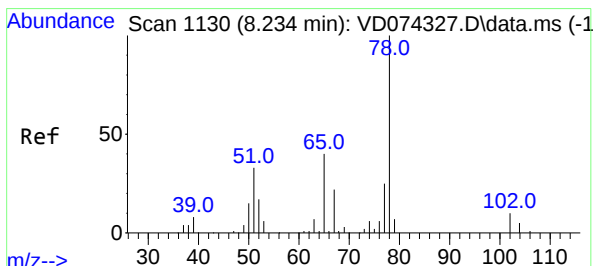
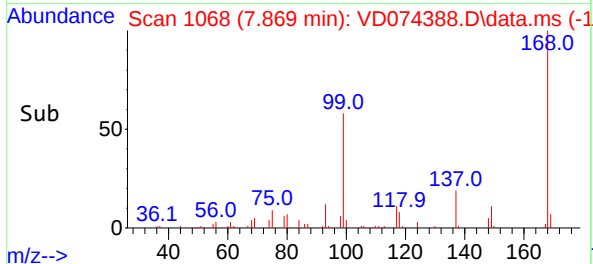
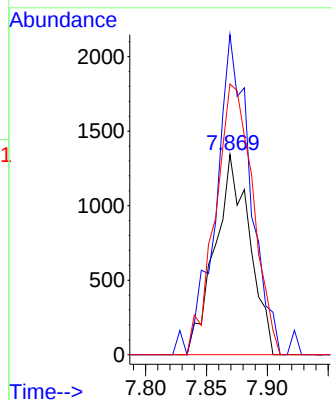
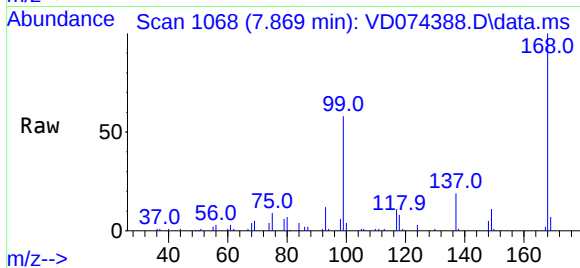
Tgt Ion: 56 Resp: 2652

Ion Ratio Lower Upper

56 100

69 159.9 25.7 38.5#

84 135.2 73.9 110.9#



#33

1,2-Dichloroethane-d4

Concen: 43.887 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD074388.D

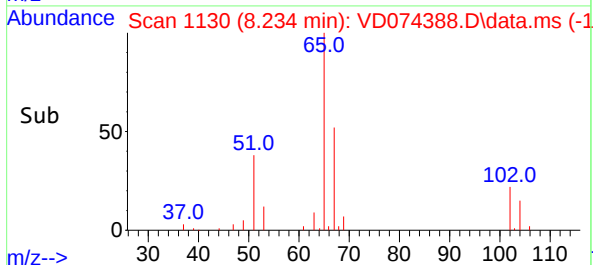
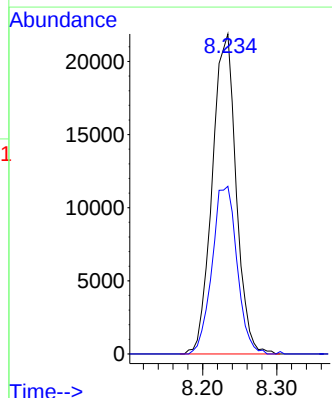
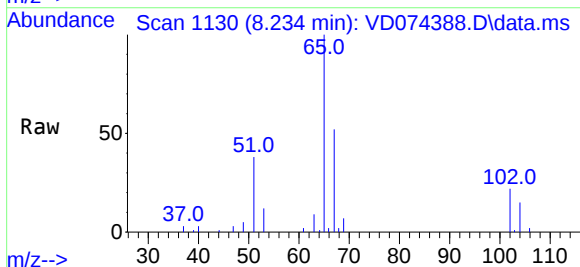
Acq: 21 Sep 2022 14:46

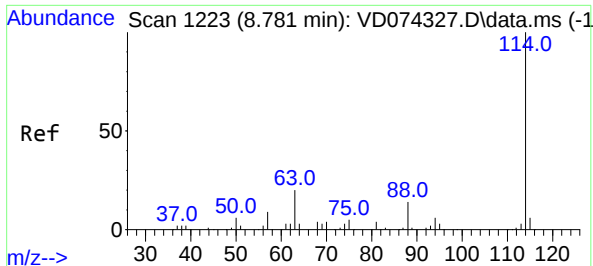
Tgt Ion: 65 Resp: 48977

Ion Ratio Lower Upper

65 100

67 54.8 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: VD074388.D

Acq: 21 Sep 2022 14:46

Instrument :

MSVOA_D

ClientSampleId :

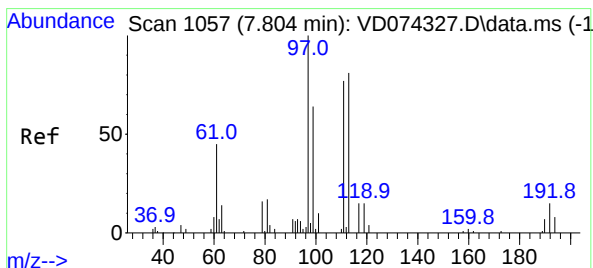
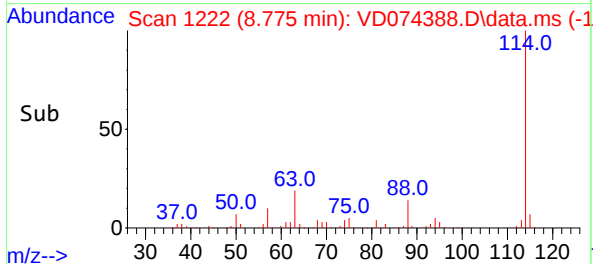
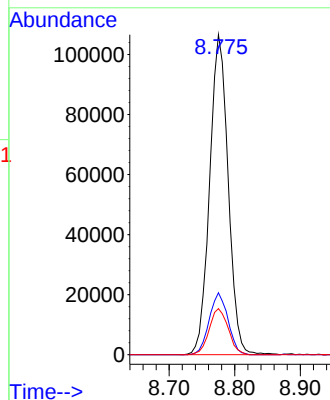
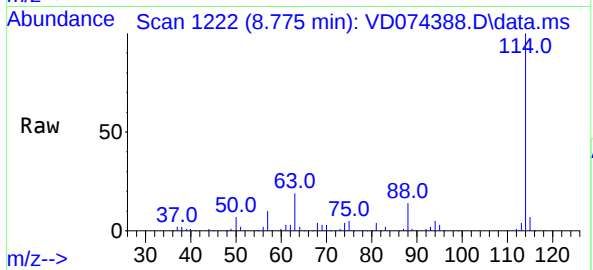
Tgt Ion:114 Resp: 208908

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

88 14.4 0.0 28.4



#35

Dibromofluoromethane

Concen: 36.755 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074388.D

Acq: 21 Sep 2022 14:46

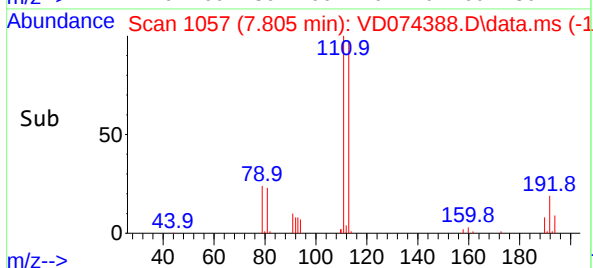
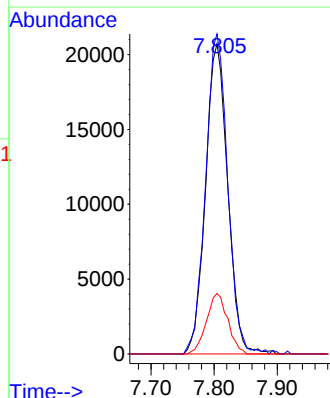
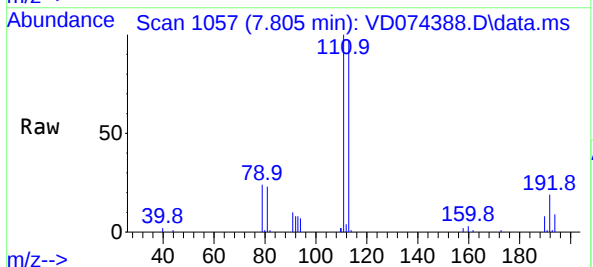
Tgt Ion:113 Resp: 50571

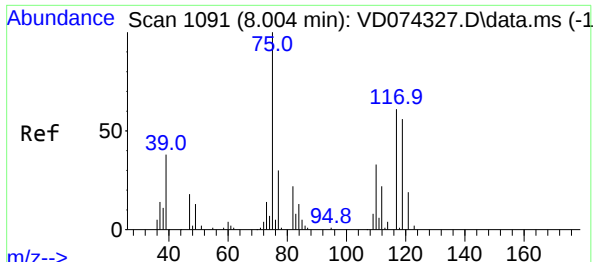
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

192 18.7 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.465 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

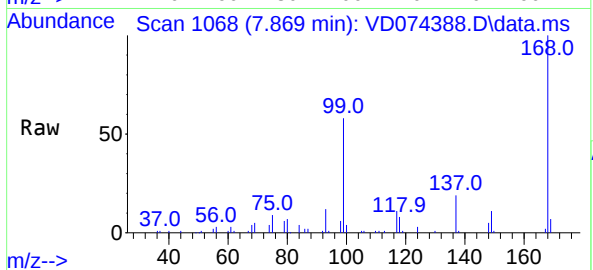
Lab File: VD074388.D

Acq: 21 Sep 2022 14:46

Instrument :

MSVOA_D

ClientSampleId :



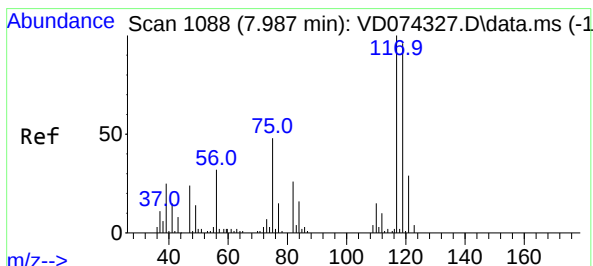
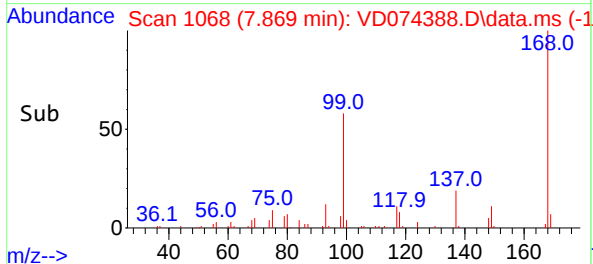
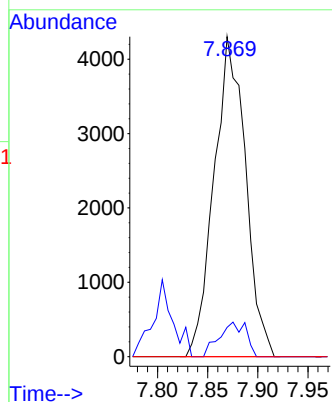
Tgt Ion: 75 Resp: 9377

Ion Ratio Lower Upper

75 100

110 9.3 17.5 52.5#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.257 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074388.D

Acq: 21 Sep 2022 14:46

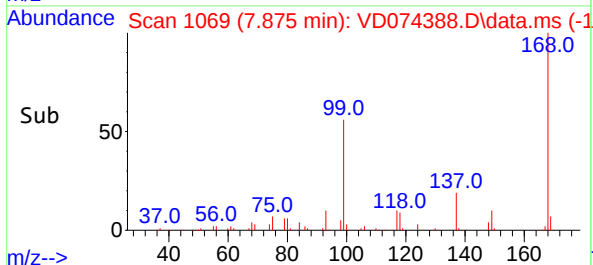
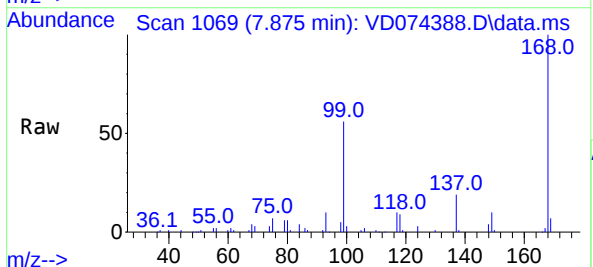
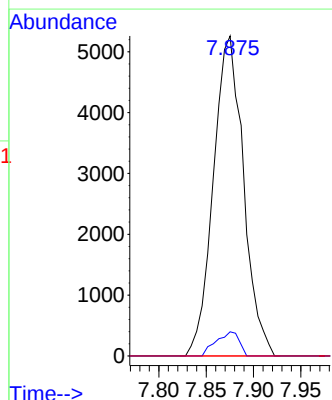
Tgt Ion: 117 Resp: 11646

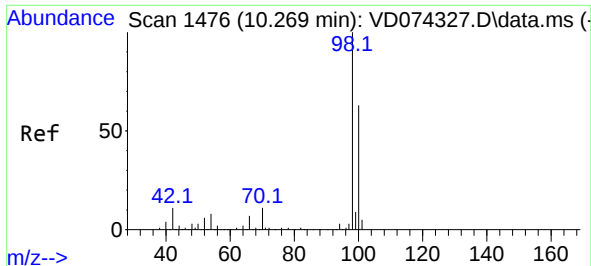
Ion Ratio Lower Upper

117 100

119 7.6 78.8 118.2#

121 0.0 23.9 35.9#

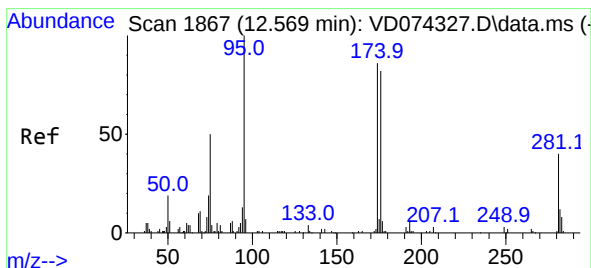
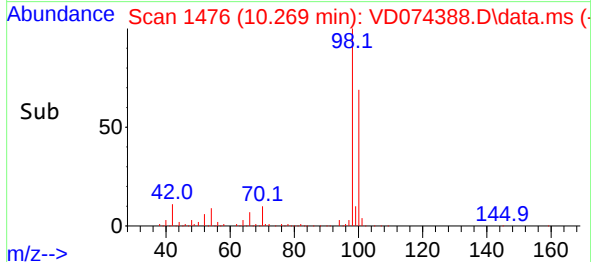
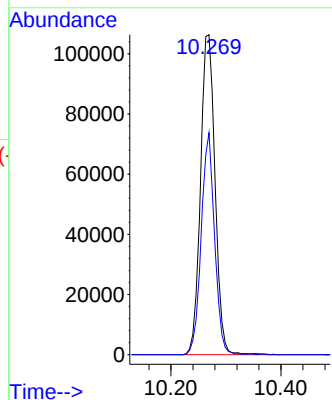
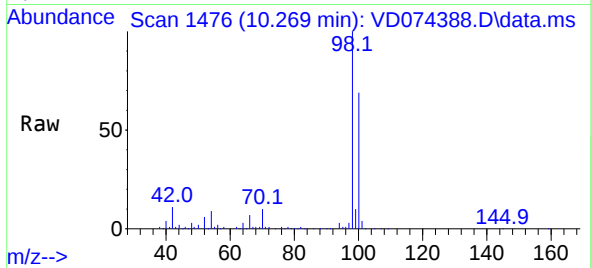




#50
Toluene-d8
Concen: 41.213 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

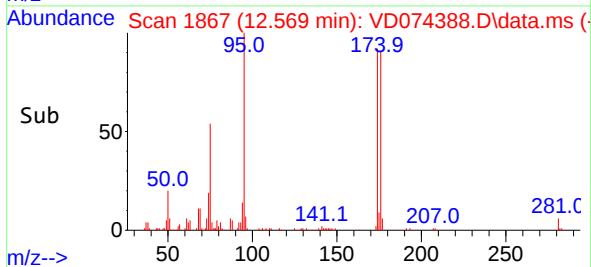
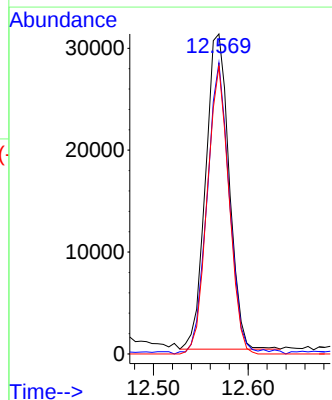
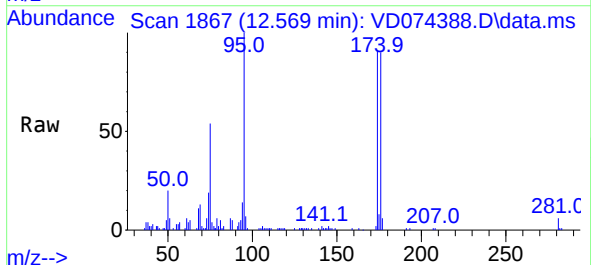
Instrument :
MSVOA_D
ClientSampleId :

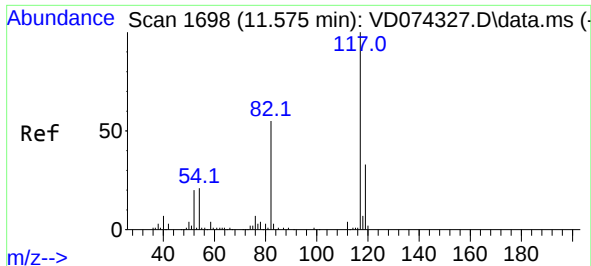
Tgt Ion: 98 Resp: 195656
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 31.051 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

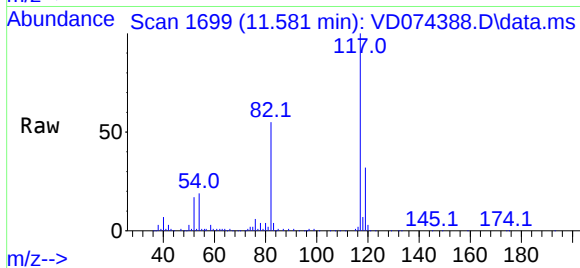
Tgt Ion: 95 Resp: 53443
Ion Ratio Lower Upper
95 100
174 88.0 0.0 179.2
176 84.0 0.0 171.4



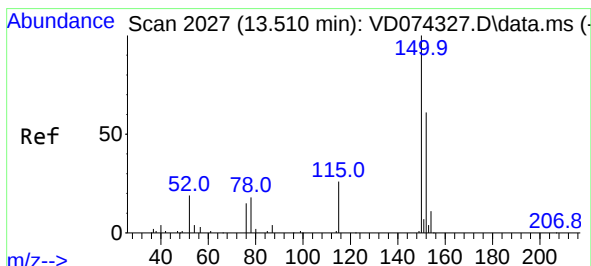
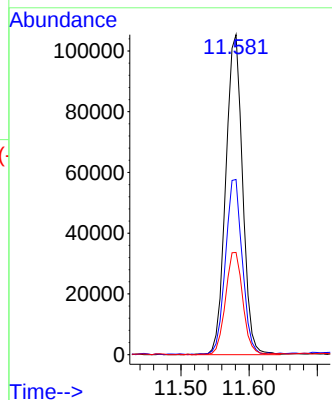
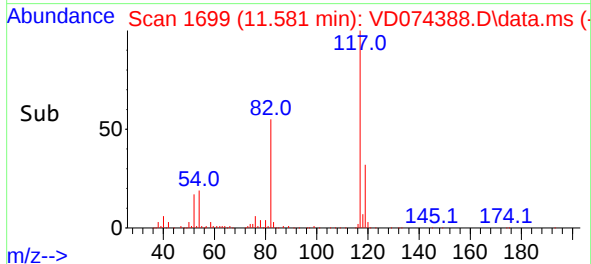


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

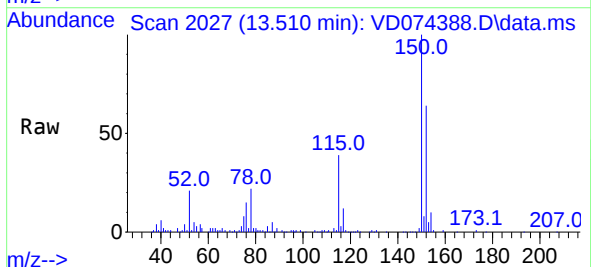
Instrument :
MSVOA_D
ClientSampleId :



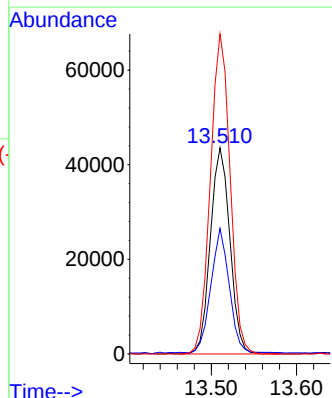
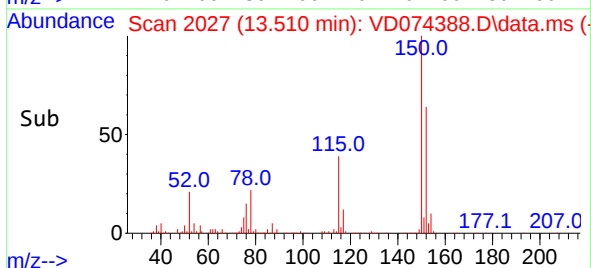
Tgt Ion:117 Resp: 181200
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 31.8 25.4 38.0

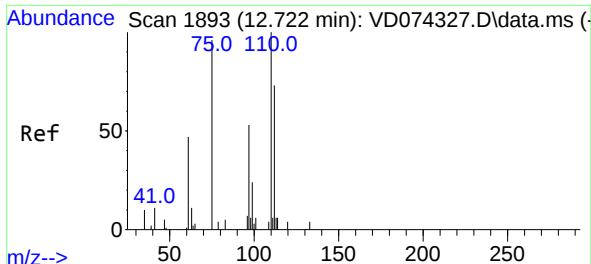


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46



Tgt Ion:152 Resp: 69537
Ion Ratio Lower Upper
152 100
115 56.7 28.4 85.2
150 155.9 0.0 351.0

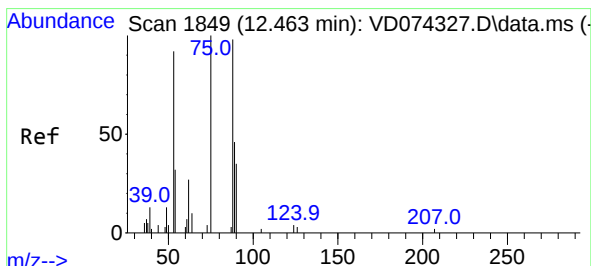
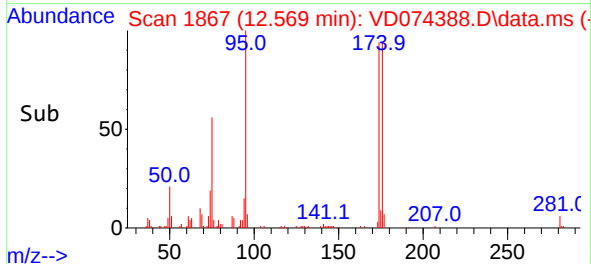
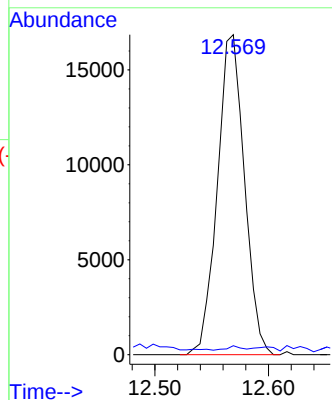
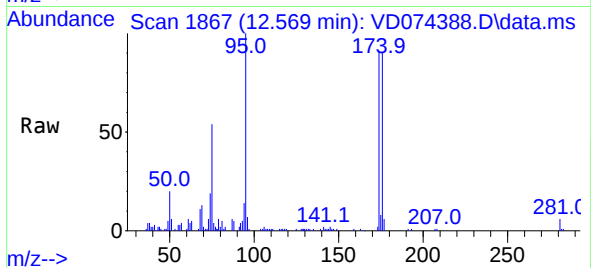




#76
1,2,3-Trichloropropane
Concen: 43.395 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 27919
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.758 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

Tgt Ion: 75 Resp: 27919
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

