

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068929.D
 Acq On : 21 Apr 2021 16:17
 Operator : VA/SY
 Sample : M2106-07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 10:21:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

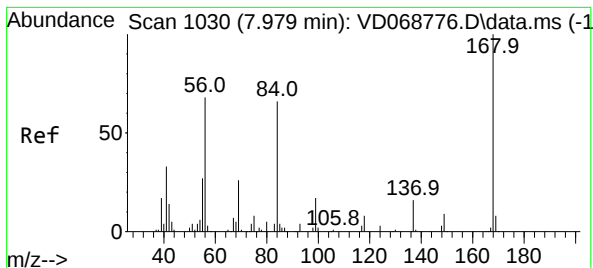
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	312590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	540460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	616680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	303861	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	135904	41.14	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.28%
35) Dibromofluoromethane	7.920	113	169826	48.31	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.62%
50) Toluene-d8	10.344	98	692410	52.21	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.42%
62) 4-Bromofluorobenzene	12.632	95	263575	59.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.68%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	64	2.26	ug/l #	41
11) Tert butyl alcohol	5.209	59	189	Below	Cal #	73
16) Acetone	4.162	43	4561	9.97	ug/l	90
20) Methylene Chloride	4.967	84	38255	6.10	ug/l	93
31) Cyclohexane	7.979	56	6475	1.18	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	23048	4.21	ug/l #	43
38) Carbon Tetrachloride	7.985	117	28871	5.33	ug/l #	14
76) 1,2,3-Trichloropropane	12.632	75	132448	47.71	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	132448	110.73	ug/l #	16

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

Quant Time: Apr 22 10:21:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD068929.D

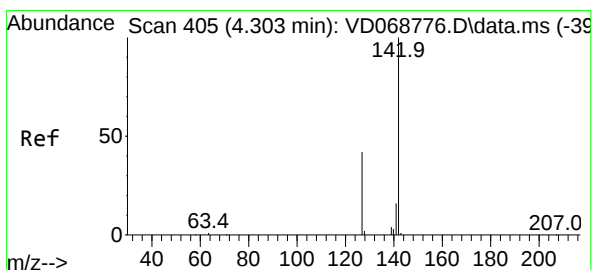
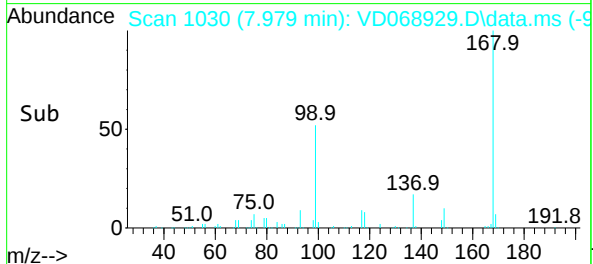
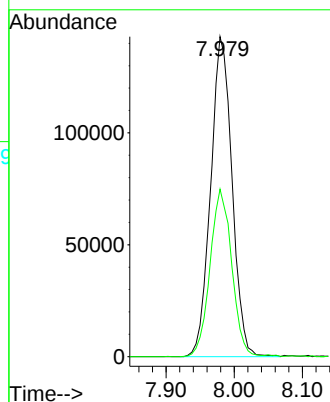
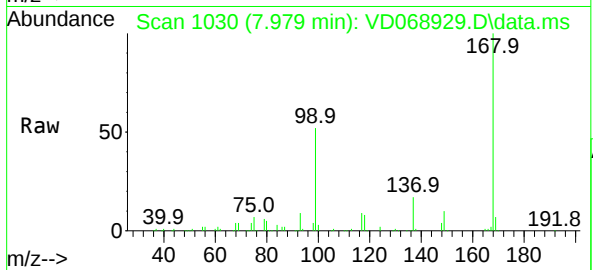
Acq: 21 Apr 2021 16:17

Tgt Ion:168 Resp: 312590

Ion Ratio Lower Upper

168 100

99 52.3 46.2 69.2



#10

Methyl Iodide

Concen: 2.26 ug/l

RT: 4.297 min Scan# 404

Delta R.T. -0.006 min

Lab File: VD068929.D

Acq: 21 Apr 2021 16:17

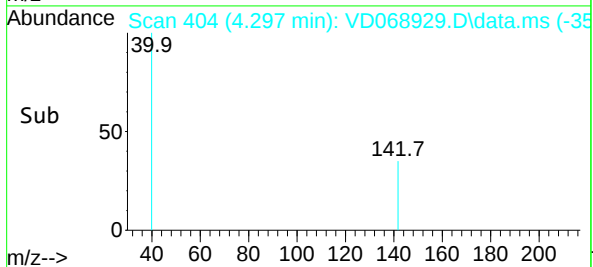
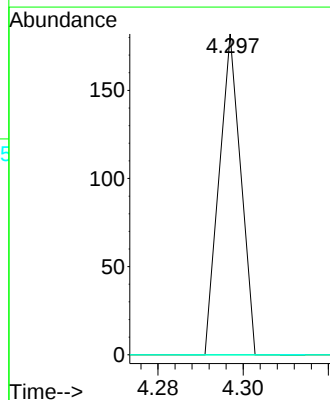
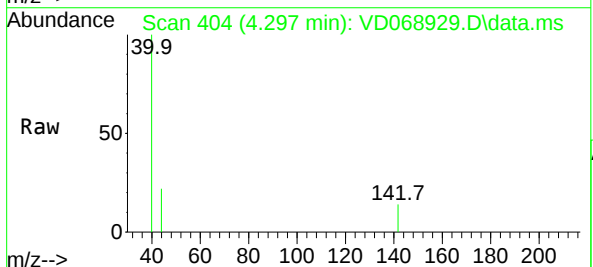
Tgt Ion:142 Resp: 64

Ion Ratio Lower Upper

142 100

127 0.0 34.7 52.1#

141 0.0 11.0 16.4#



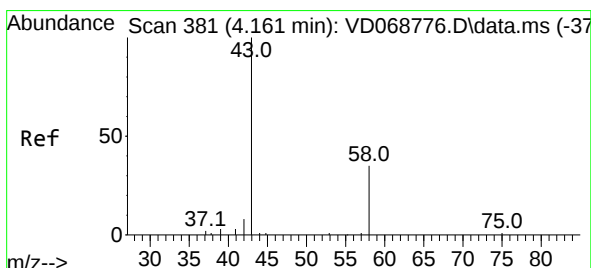
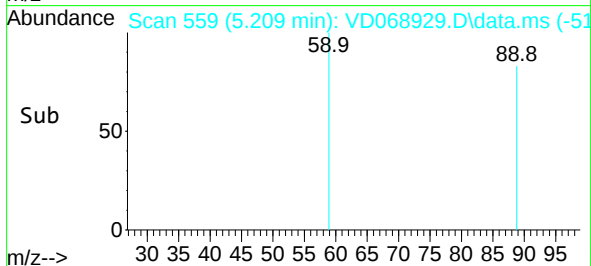
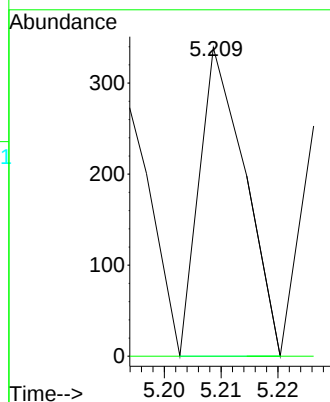
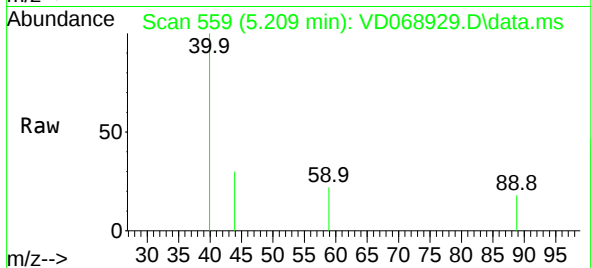


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068929.D
Acq: 21 Apr 2021 16:17

Instrument :
MSVOA_D
ClientSampled :

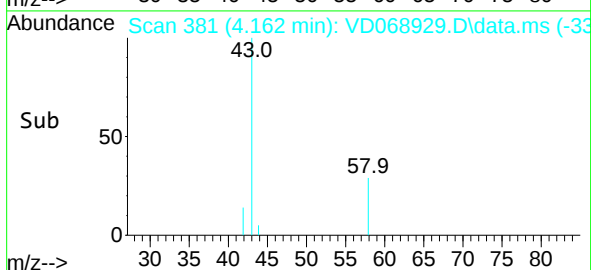
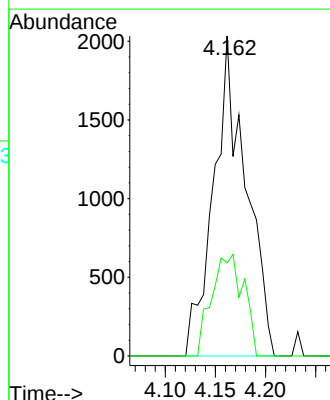
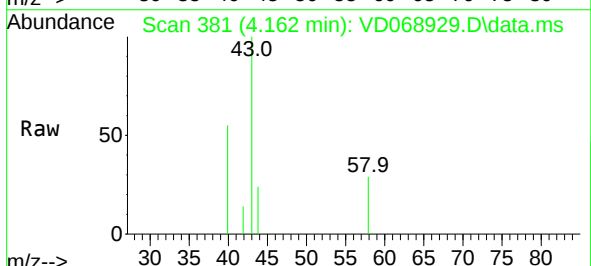
Tgt Ion: 59 Resp: 189
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

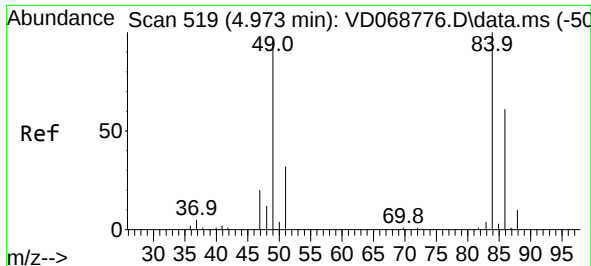


#16

Acetone
Concen: 9.97 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068929.D
Acq: 21 Apr 2021 16:17

Tgt Ion: 43 Resp: 4561
Ion Ratio Lower Upper
43 100
58 29.1 28.0 42.0





#20

Methylene Chloride

Concen: 6.10 ug/l

RT: 4.967 min Scan# 518

Delta R.T. -0.006 min

Lab File: VD068929.D

Acq: 21 Apr 2021 16:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 38255

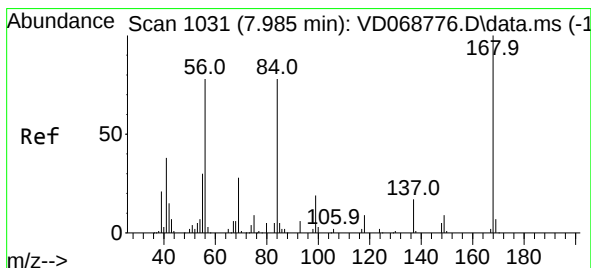
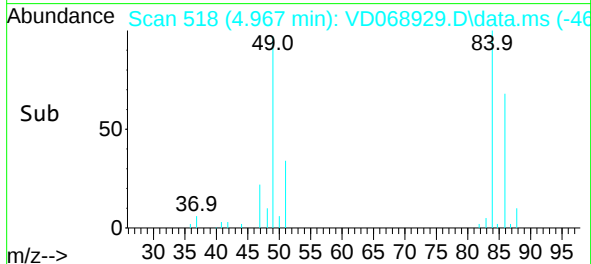
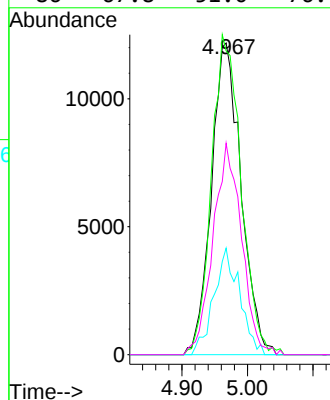
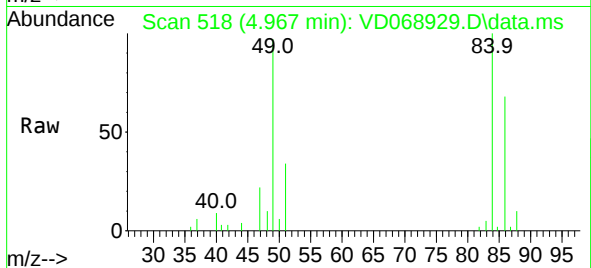
Ion Ratio Lower Upper

84 100

49 97.4 83.4 125.0

51 34.2 23.4 35.2

86 67.8 51.0 76.4



#31

Cyclohexane

Concen: 1.18 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD068929.D

Acq: 21 Apr 2021 16:17

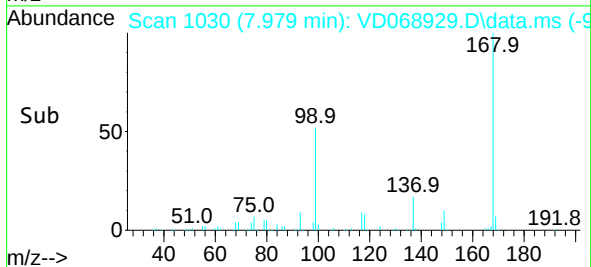
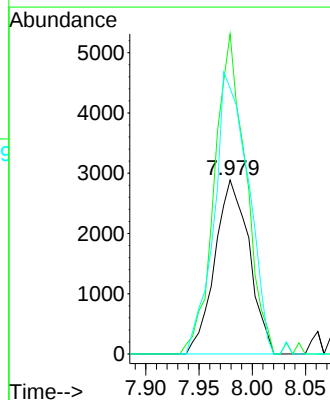
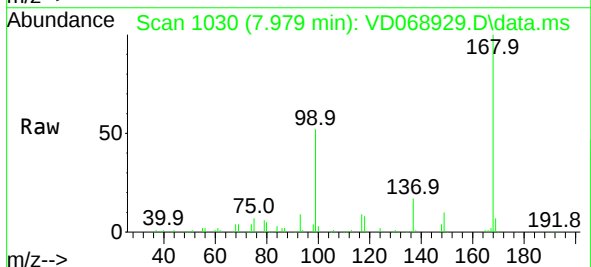
Tgt Ion: 56 Resp: 6475

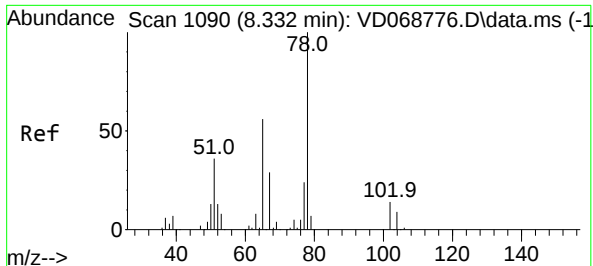
Ion Ratio Lower Upper

56 100

69 184.0 30.0 45.0#

84 152.7 82.0 123.0#



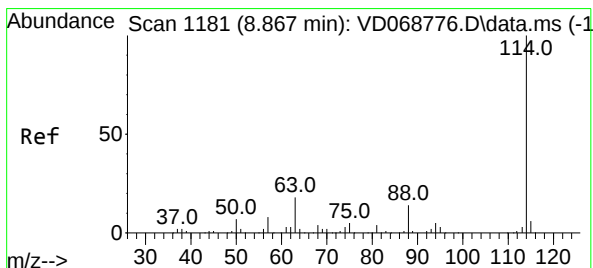
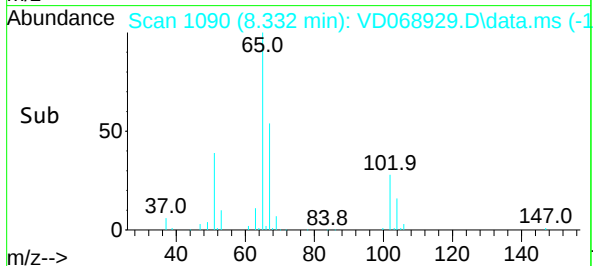
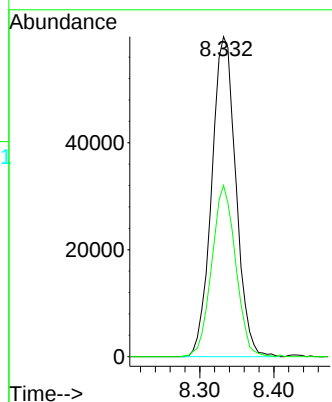
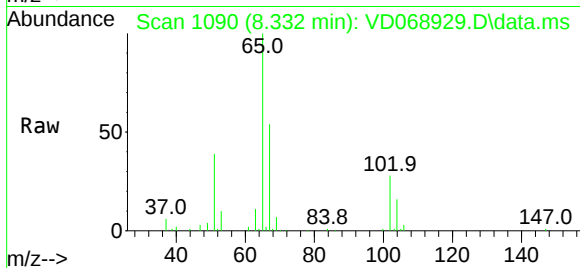


#33
 1,2-Dichloroethane-d4
 Concen: 41.14 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD068929.D
 Acq: 21 Apr 2021 16:17

Instrument :
 MSVOA_D
 ClientSampled :

Tgt Ion: 65 Resp: 135904

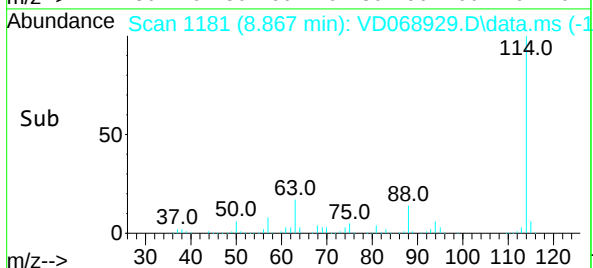
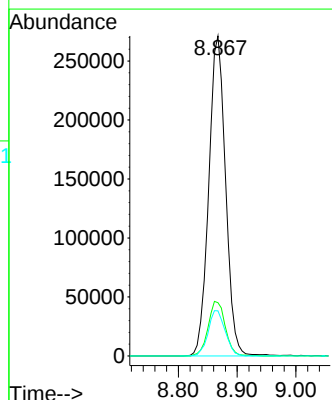
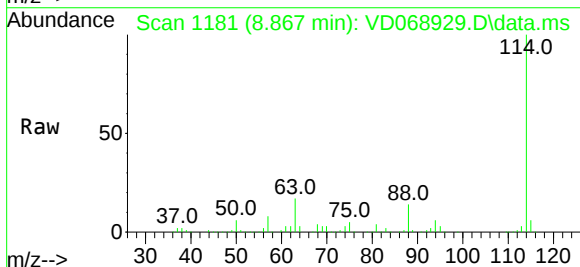
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.0

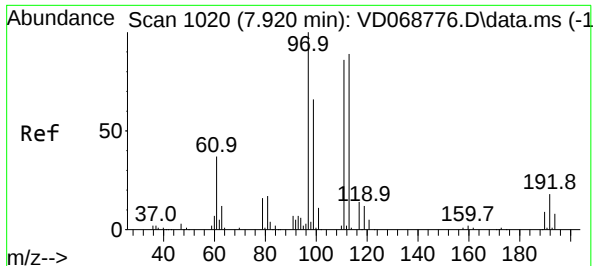


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068929.D
 Acq: 21 Apr 2021 16:17

Tgt Ion: 114 Resp: 540460

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	38.2
88	14.1	0.0	29.4





#35

Dibromofluoromethane

Concen: 48.31 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068929.D

Acq: 21 Apr 2021 16:17

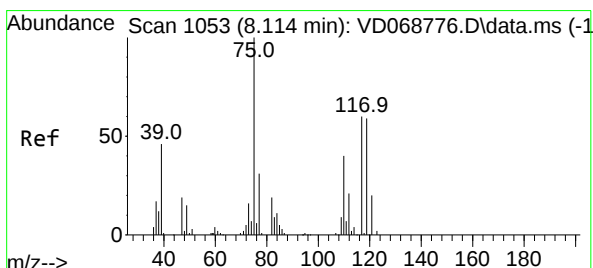
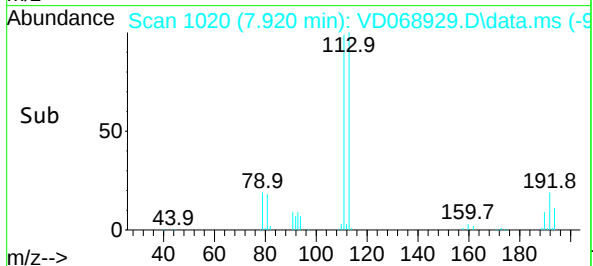
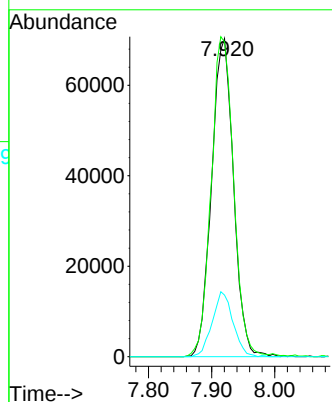
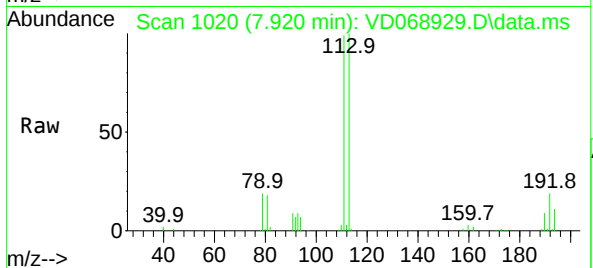
Tgt Ion:113 Resp: 169826

Ion Ratio Lower Upper

113 100

111 102.7 82.5 123.7

192 19.3 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.21 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068929.D

Acq: 21 Apr 2021 16:17

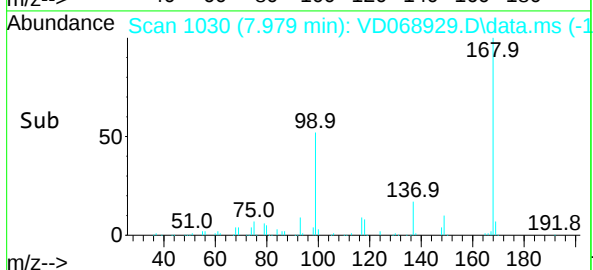
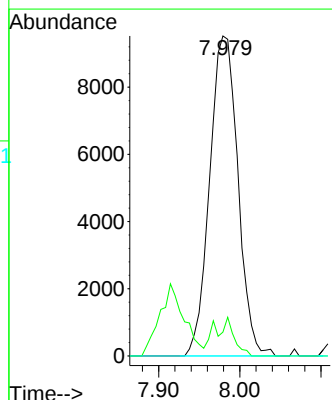
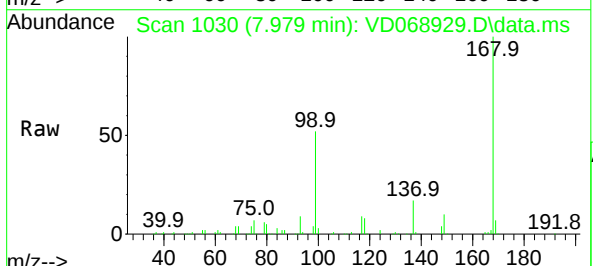
Tgt Ion: 75 Resp: 23048

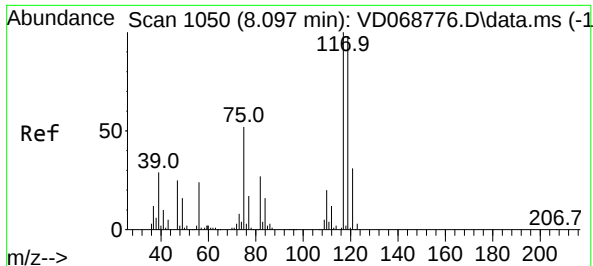
Ion Ratio Lower Upper

75 100

110 2.2 18.1 54.4#

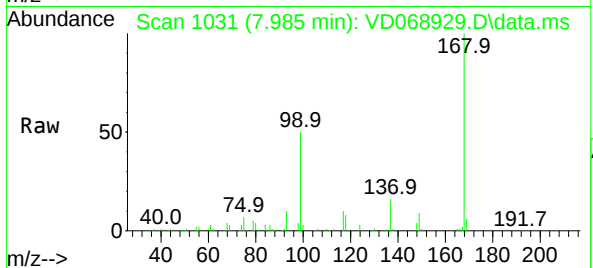
77 0.0 24.7 37.1#



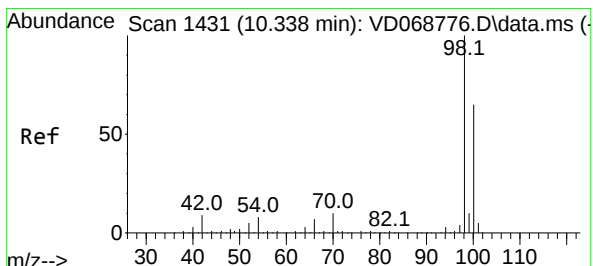
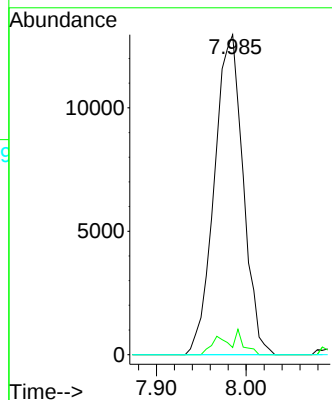
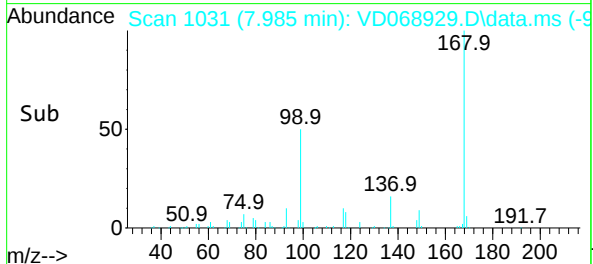


#38
Carbon Tetrachloride
Concen: 5.33 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068929.D
Acq: 21 Apr 2021 16:17

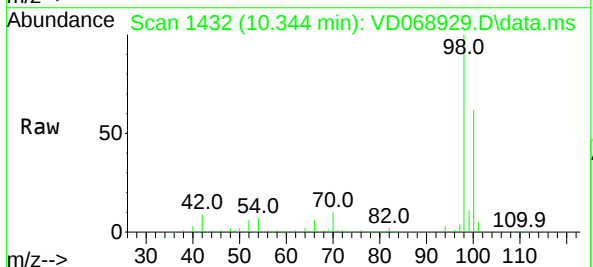
Instrument :
MSVOA_D
ClientSampled :



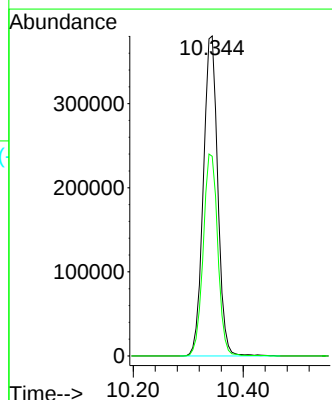
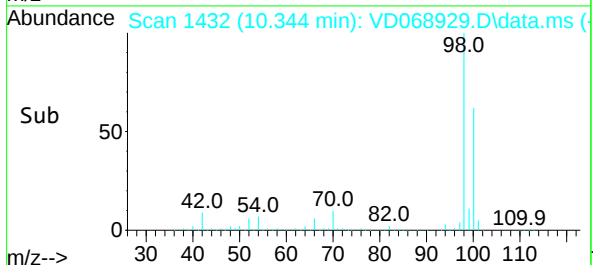
Tgt Ion:117 Resp: 28871
Ion Ratio Lower Upper
117 100
119 2.2 76.6 115.0#
121 0.0 26.1 39.1#

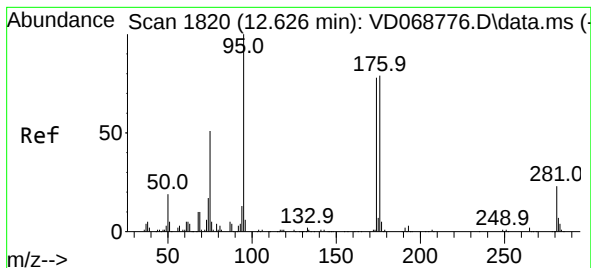


#50
Toluene-d8
Concen: 52.21 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068929.D
Acq: 21 Apr 2021 16:17



Tgt Ion: 98 Resp: 692410
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6

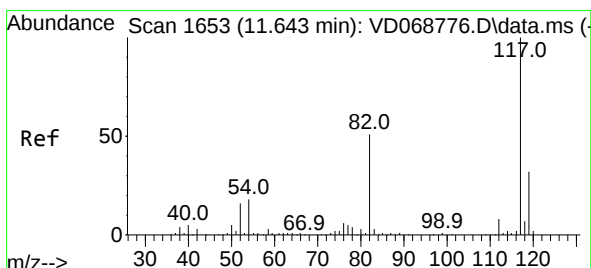
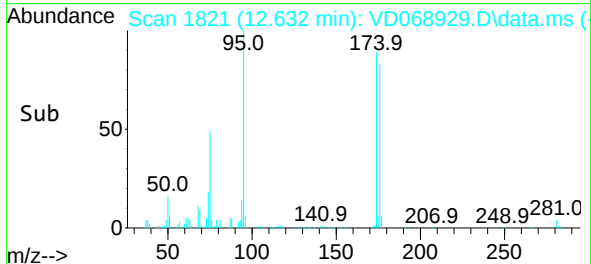
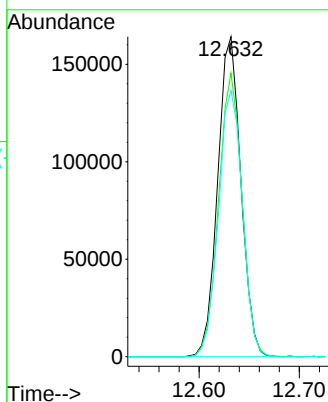
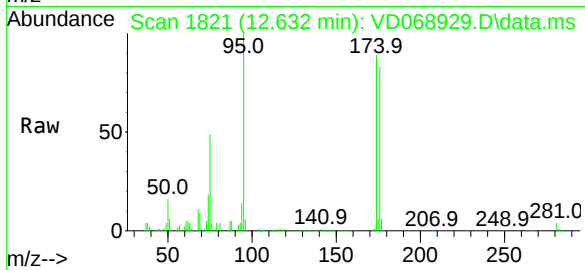




#62
4-Bromofluorobenzene
Concen: 59.84 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068929.D
Acq: 21 Apr 2021 16:17

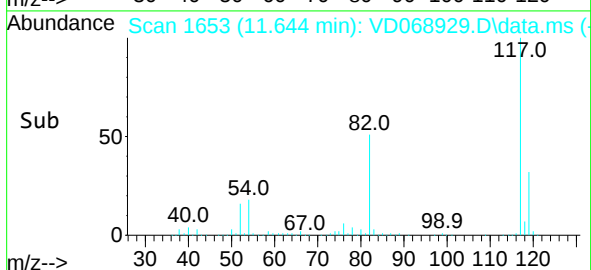
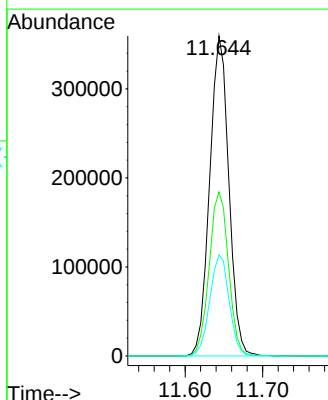
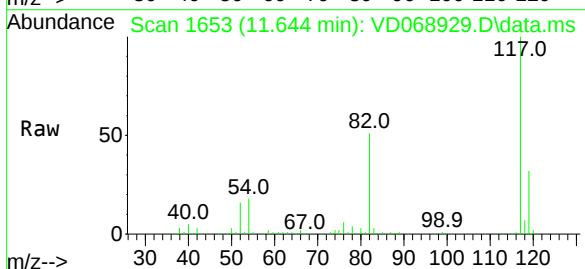
Instrument :
MSVOA_D
ClientSampleId :

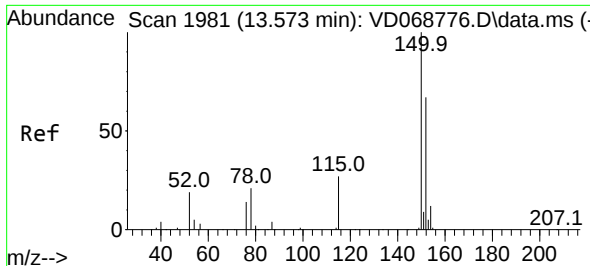
Tgt Ion: 95 Resp: 263575
Ion Ratio Lower Upper
95 100
174 89.4 0.0 168.0
176 85.9 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068929.D
Acq: 21 Apr 2021 16:17

Tgt Ion: 117 Resp: 616680
Ion Ratio Lower Upper
117 100
82 51.3 43.5 65.3
119 31.6 26.7 40.1

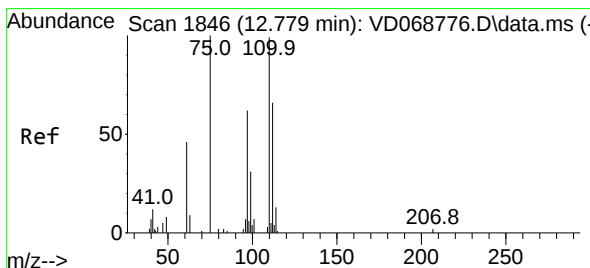
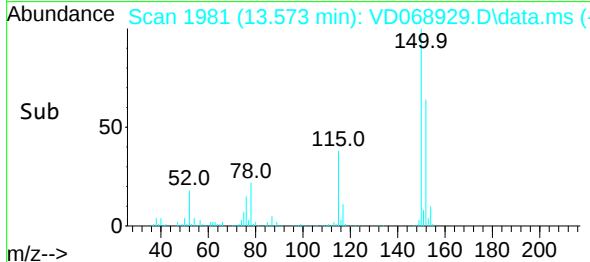
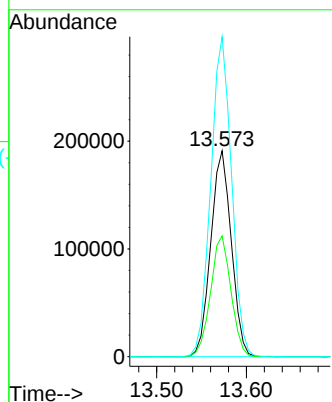
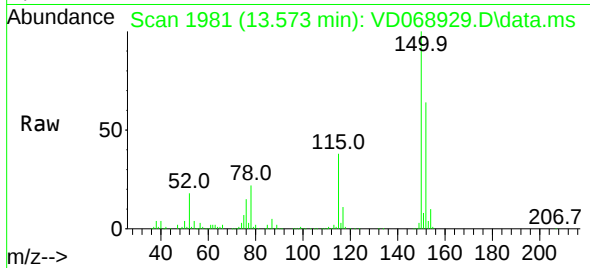




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068929.D
Acq: 21 Apr 2021 16:17

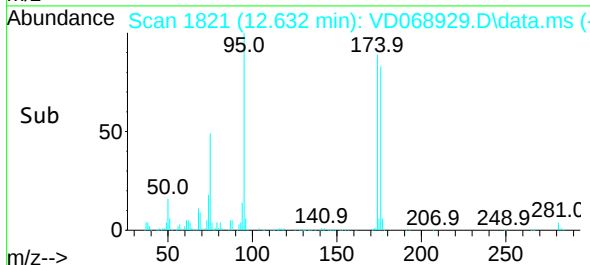
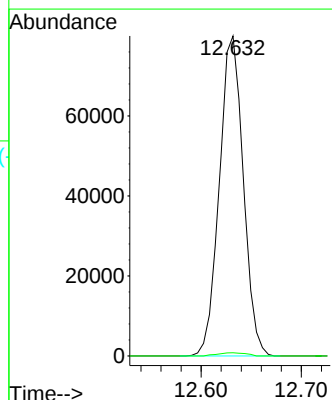
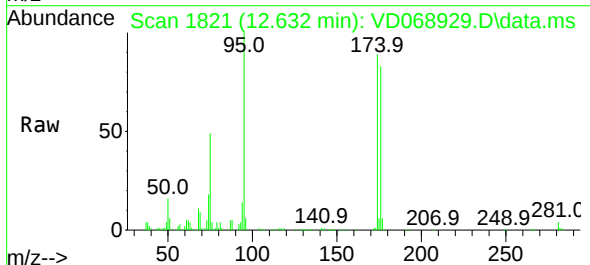
Instrument :
MSVOA_D
ClientSampled :

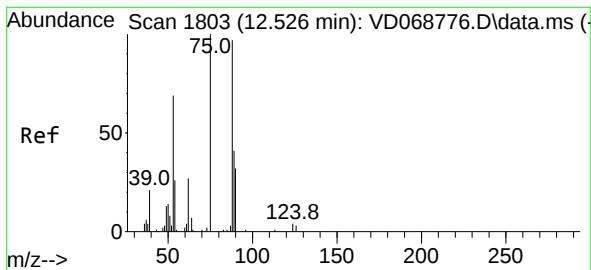
Tgt Ion:152 Resp: 303861
Ion Ratio Lower Upper
152 100
115 58.1 29.3 87.8
150 156.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068929.D
Acq: 21 Apr 2021 16:17

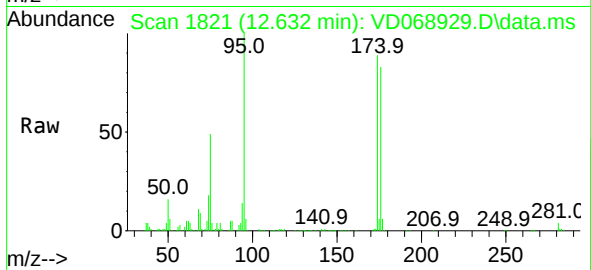
Tgt Ion: 75 Resp: 132448
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 110.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068929.D
Acq: 21 Apr 2021 16:17

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 132448
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 36.6 54.8#

