

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069352.D
 Acq On : 04 Jun 2021 18:12
 Operator : VA/SY
 Sample : M2598-07
 Misc : 6.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 13

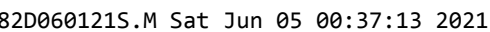
Quant Time: Jun 05 00:37:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

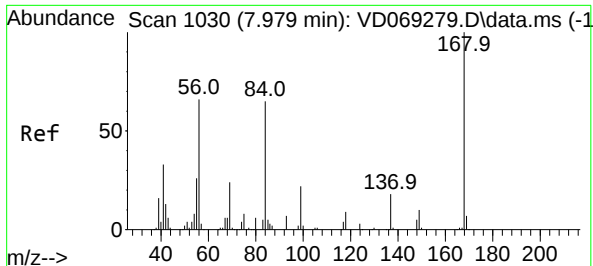
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	202133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	357898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	374272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	173351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	147066	75.827	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 151.660%			
35) Dibromofluoromethane	7.914	113	137583	61.216	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.440%			
50) Toluene-d8	10.338	98	443434	54.257	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.520%			
62) 4-Bromofluorobenzene	12.632	95	149443	55.804	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.600%			
Target Compounds			Qvalue			
10) Methyl Iodide	4.303	142	137	2.567	ug/l #	39
11) Tert butyl alcohol	5.226	59	71	Below Cal	#	73
16) Acetone	4.156	43	1707	5.043	ug/l #	40
20) Methylene Chloride	4.962	84	5552	Below Cal	#	89
31) Cyclohexane	7.985	56	4086	1.326	ug/l #	9
36) 1,1-Dichloropropene	7.973	75	16437	4.725	ug/l #	49
38) Carbon Tetrachloride	7.985	117	19469	5.183	ug/l #	14
51) 4-Methyl-2-Pentanone	10.344	43	1694	1.526	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	78272	51.969	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	78272	115.164	ug/l #	18
95) Naphthalene	15.390	128	287	3.347	ug/l #	74

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

Quant Time: Jun 05 00:37:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 02 02:17:36 2021
Response via : Initial Calibration

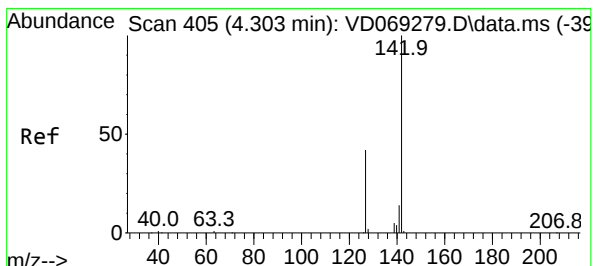
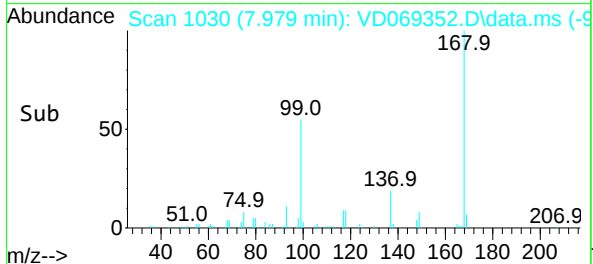
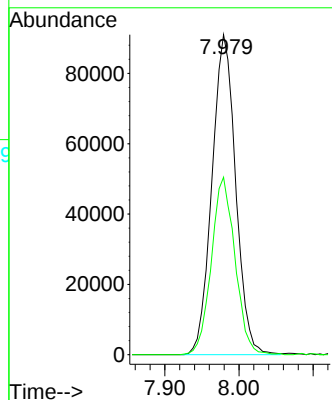
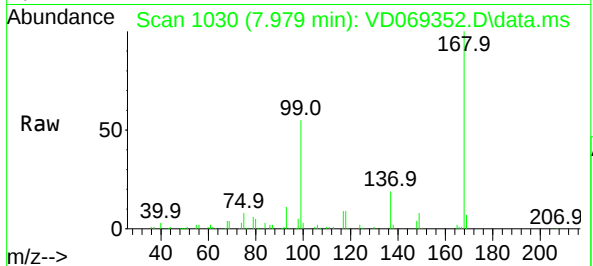




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

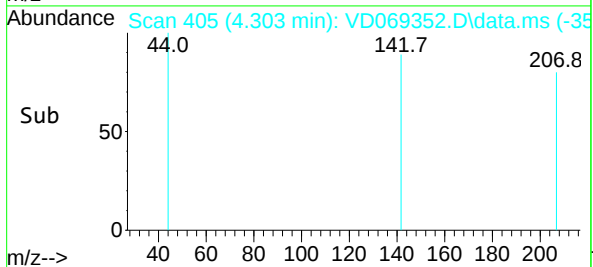
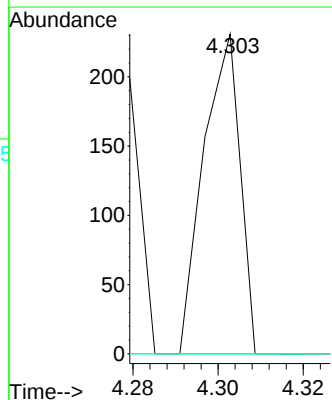
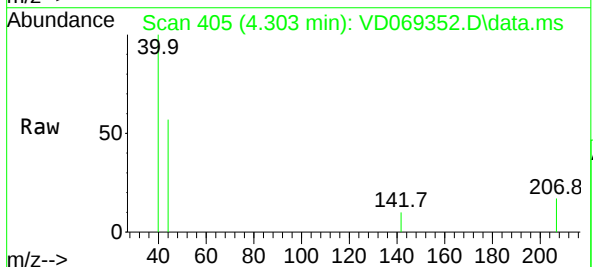
Instrument :
MSVOA_D
ClientSampleId :
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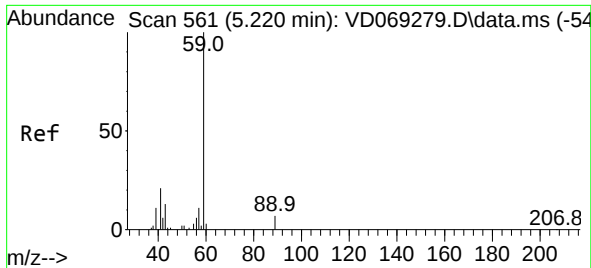
Tgt Ion:168 Resp: 202133
Ion Ratio Lower Upper
168 100
99 55.4 46.2 69.2



#10
Methyl Iodide
Concen: 2.567 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

Tgt Ion:142 Resp: 137
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



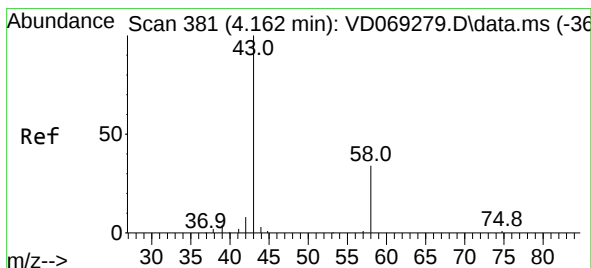
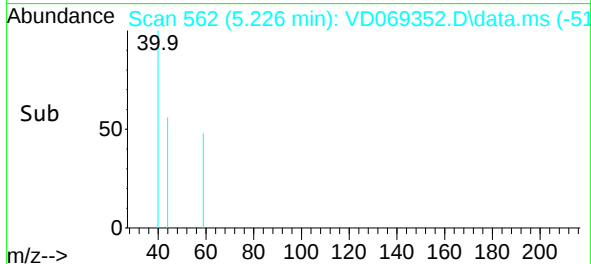
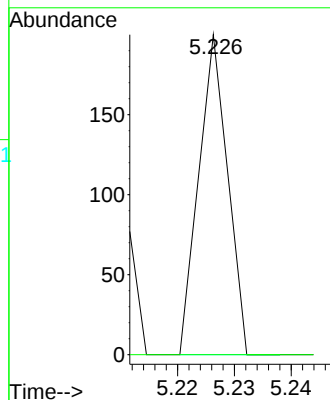
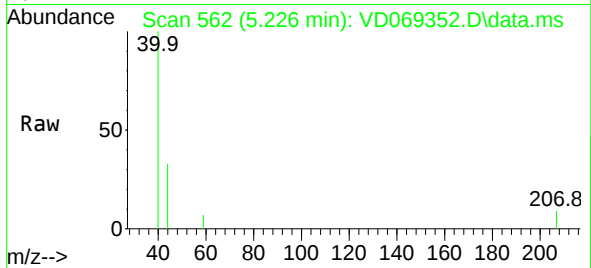


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

Instrument :
MSVOA_D
ClientSampled :
13

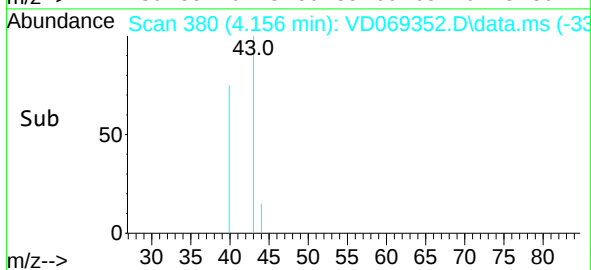
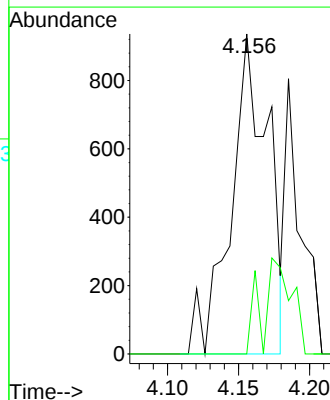
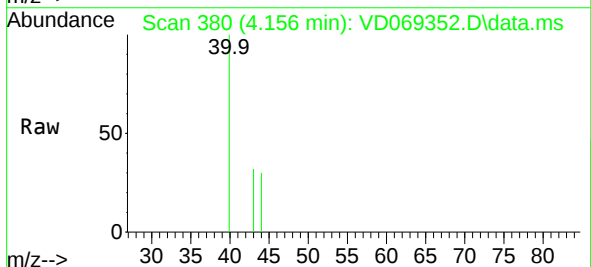
Tgt Ion: 59 Resp: 71
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

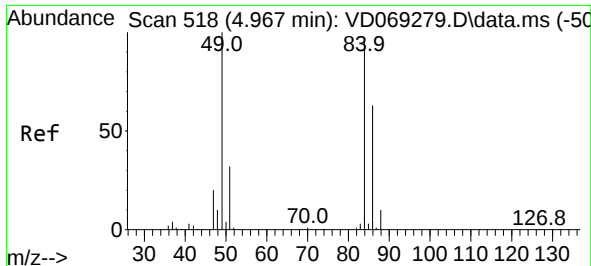


#16

Acetone
Concen: 5.043 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

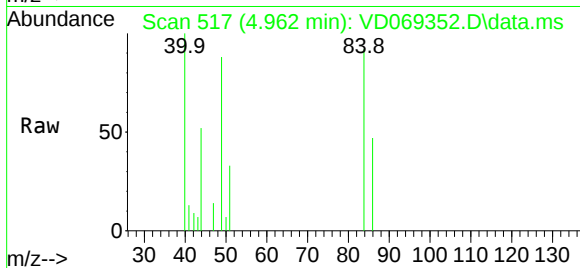
Tgt Ion: 43 Resp: 1707
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



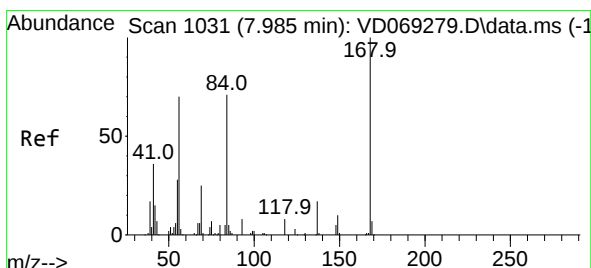
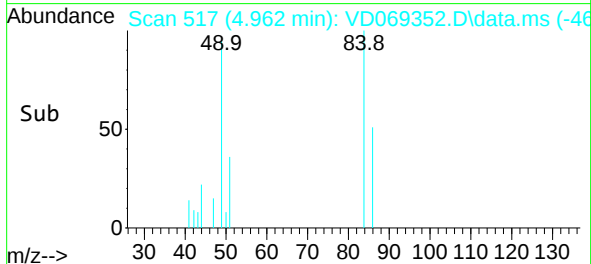
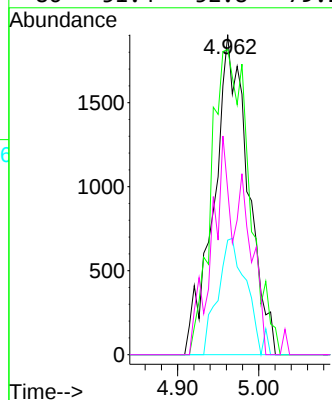


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

Instrument :
MSVOA_D
ClientSampleId :
13

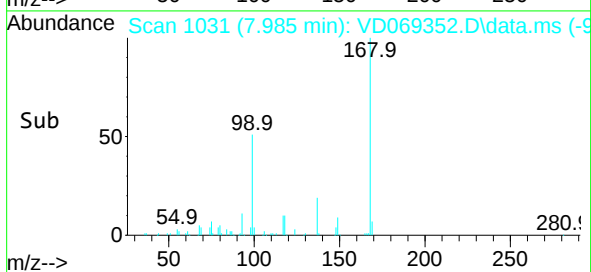
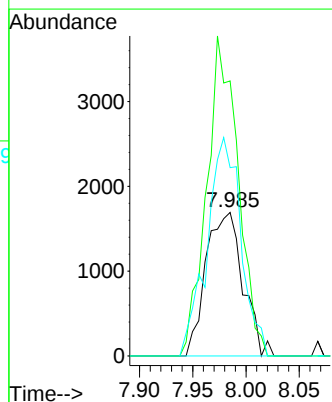
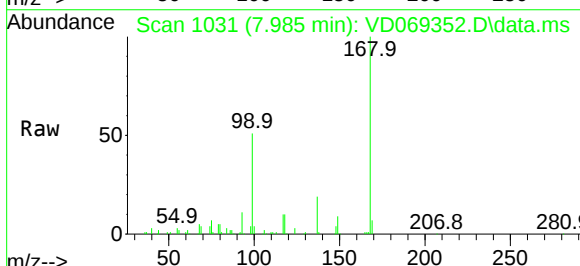


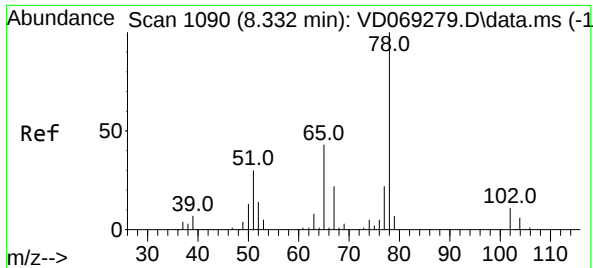
Tgt Ion:	84	Resp:	5552
Ion	Ratio	Lower	Upper
84	100		
49	95.3	83.7	125.5
51	35.8	26.4	39.6
86	51.4	52.8	79.2#



#31
Cyclohexane
Concen: 1.326 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

Tgt Ion:	56	Resp:	4086
Ion	Ratio	Lower	Upper
56	100		
69	191.6	29.0	43.4#
84	131.2	81.1	121.7#

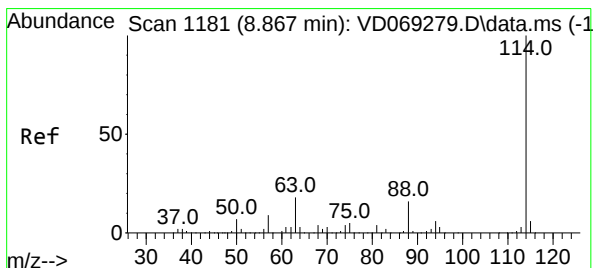
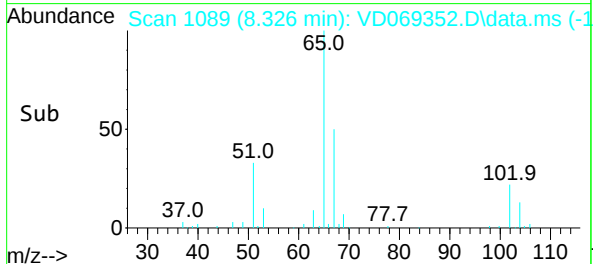
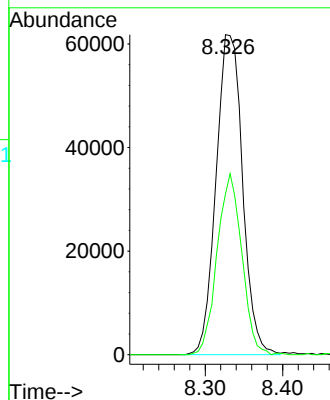
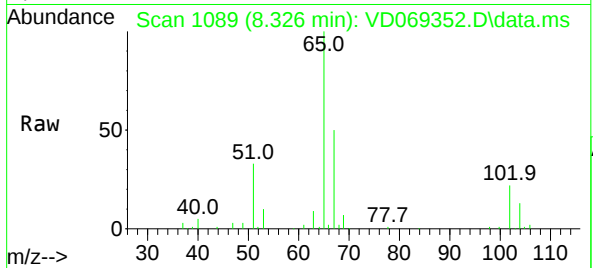




#33
1,2-Dichloroethane-d4
Concen: 75.827 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

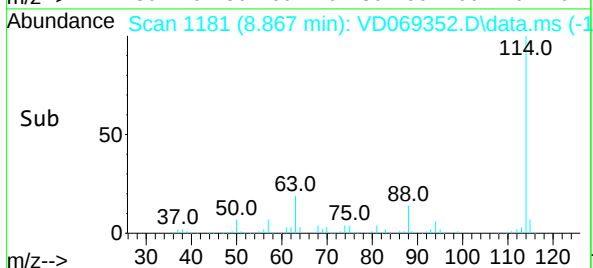
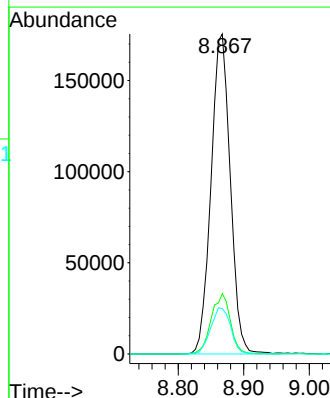
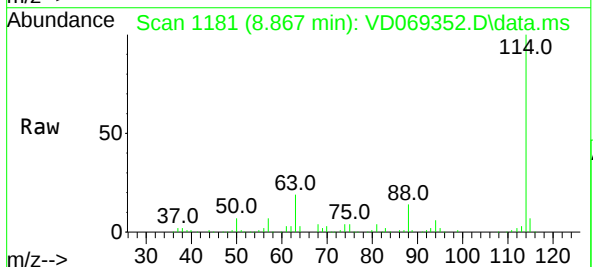
Instrument :
MSVOA_D
ClientSampleId :
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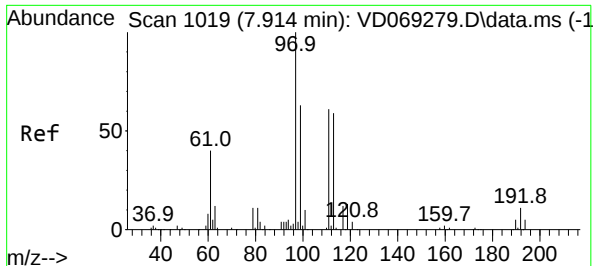
Tgt Ion: 65 Resp: 147066
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

Tgt Ion: 114 Resp: 357898
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.6
88 14.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 61.216 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069352.D

Acq: 04 Jun 2021 18:12

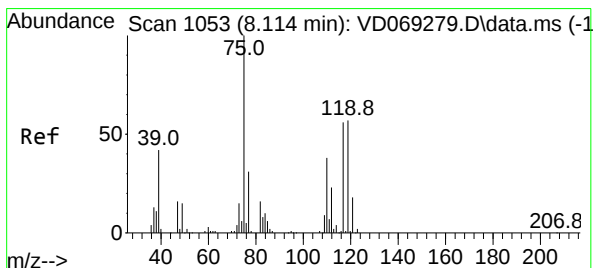
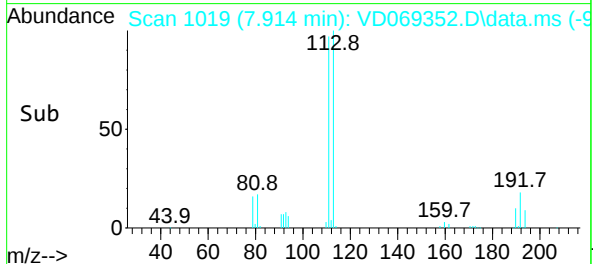
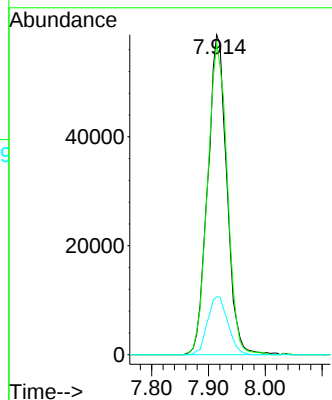
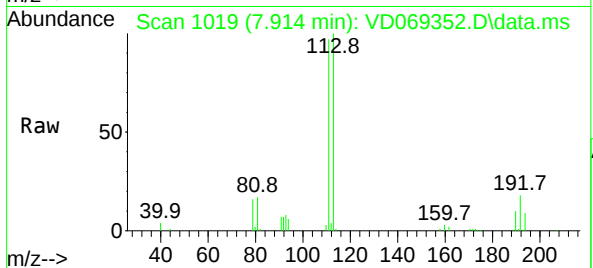
Tgt Ion:113 Resp: 137583

Ion Ratio Lower Upper

113 100

111 99.8 83.0 124.6

192 19.1 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.725 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD069352.D

Acq: 04 Jun 2021 18:12

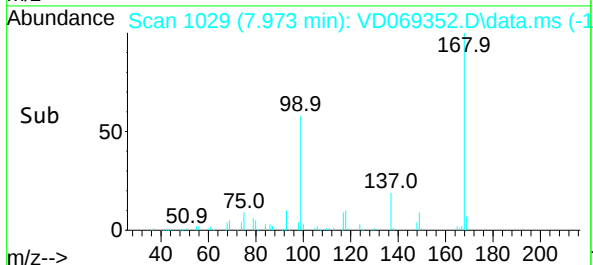
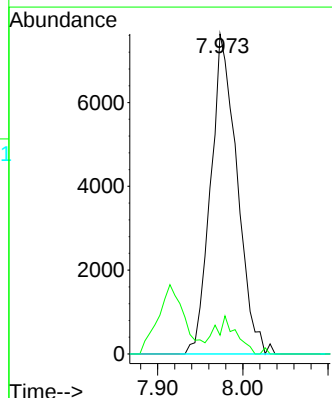
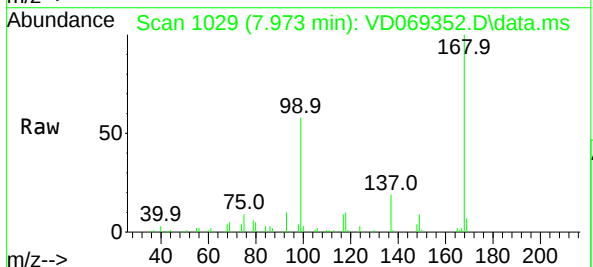
Tgt Ion: 75 Resp: 16437

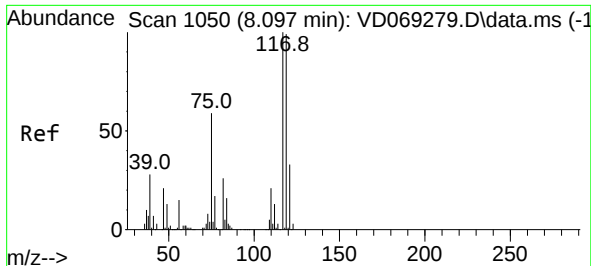
Ion Ratio Lower Upper

75 100

110 9.4 18.4 55.2#

77 0.0 24.9 37.3#

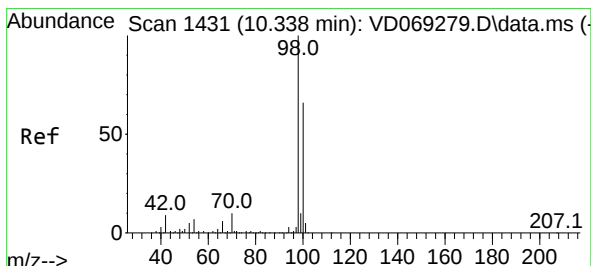
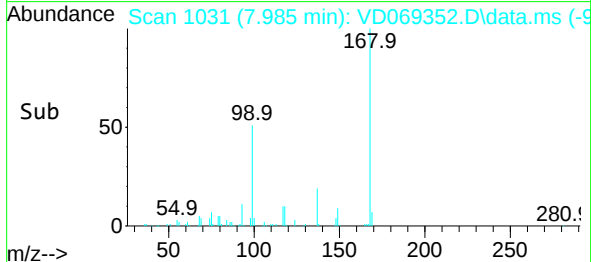
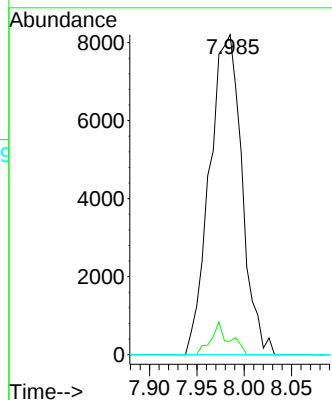
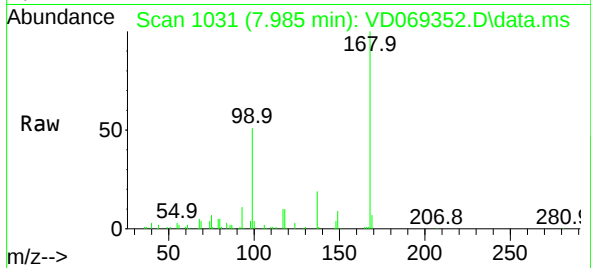




#38
Carbon Tetrachloride
Concen: 5.183 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

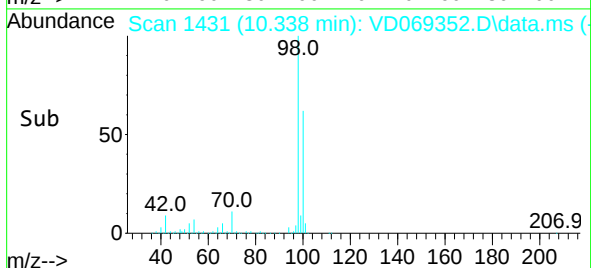
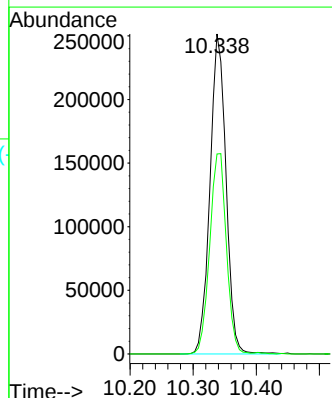
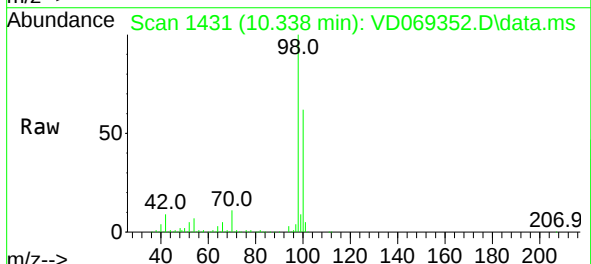
Instrument :
MSVOA_D
ClientSampled :
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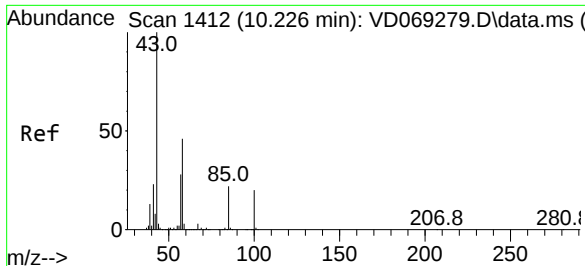
Tgt Ion:117 Resp: 19469
Ion Ratio Lower Upper
117 100
119 4.2 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 54.257 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

Tgt Ion: 98 Resp: 443434
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1

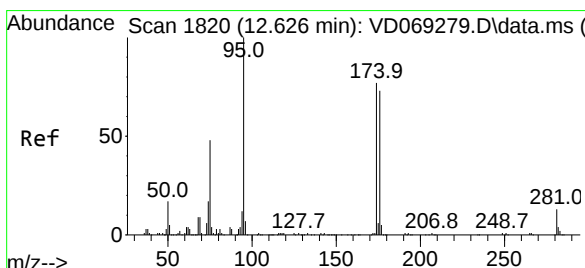
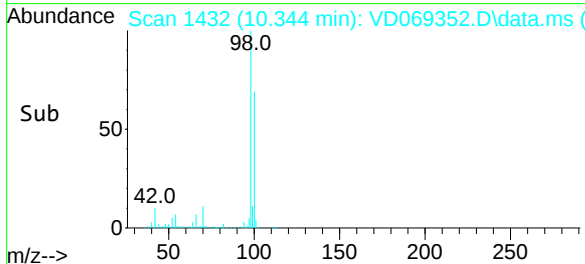
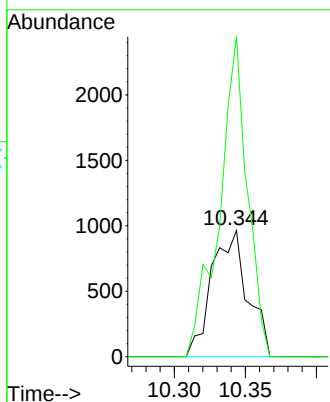
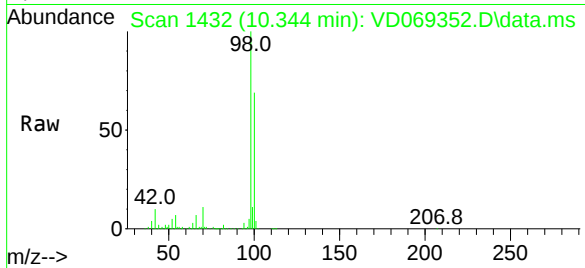




#51
4-Methyl-2-Pentanone
Concen: 1.526 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

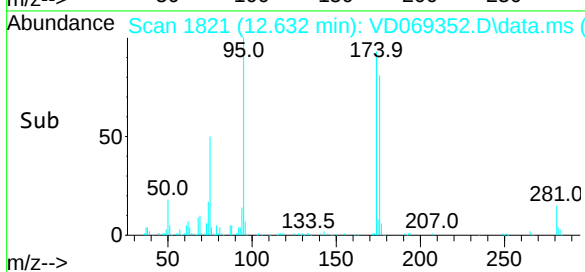
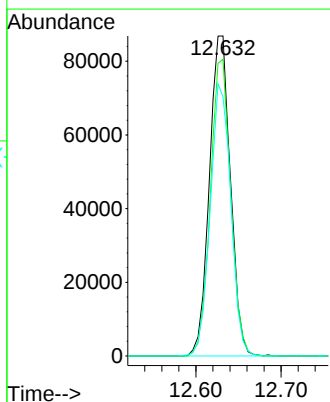
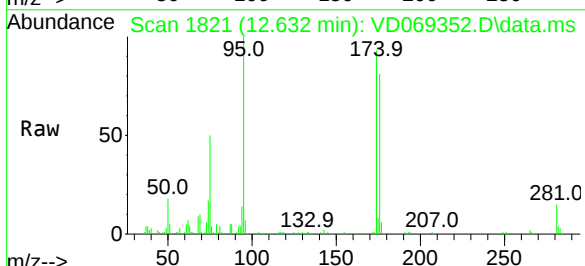
Instrument :
MSVOA_D
ClientSampleId :
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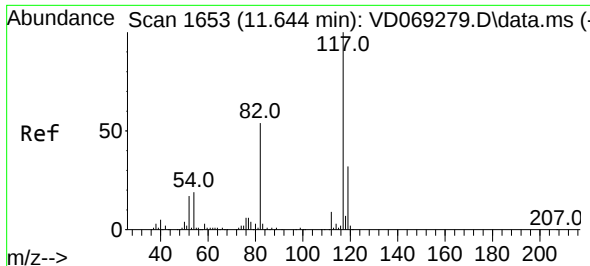
Tgt Ion: 43 Resp: 1694
Ion Ratio Lower Upper
43 100
58 198.7 35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 55.804 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

Tgt Ion: 95 Resp: 149443
Ion Ratio Lower Upper
95 100
174 89.8 0.0 162.8
176 83.1 0.0 154.4

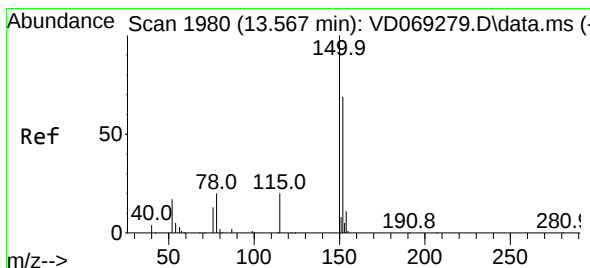
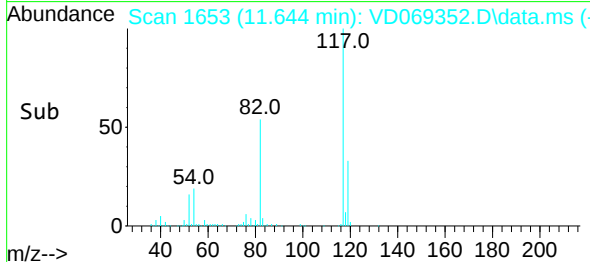
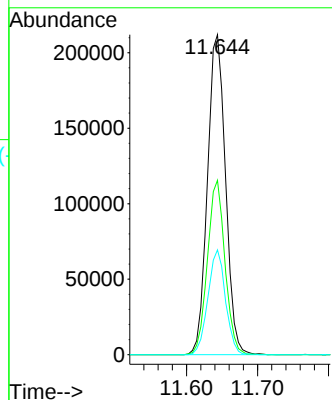
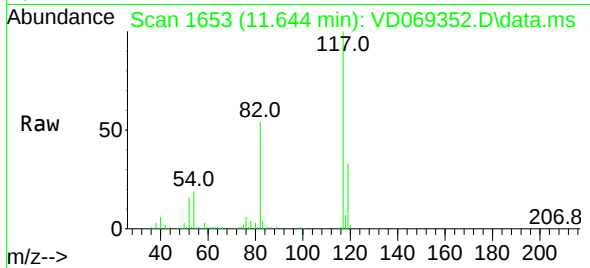




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

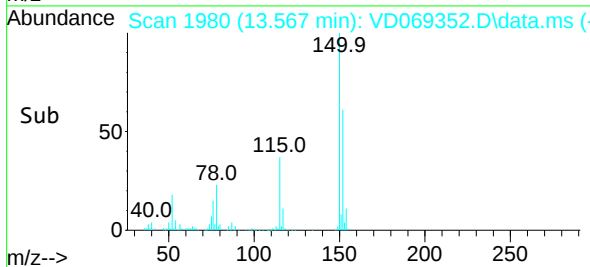
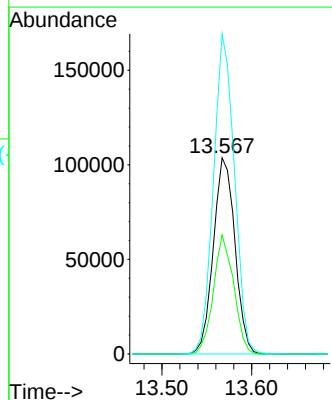
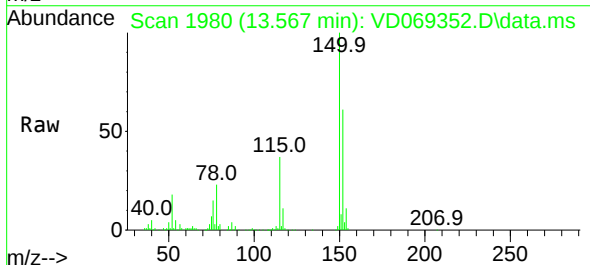
Instrument :
MSVOA_D
ClientSampled :
13

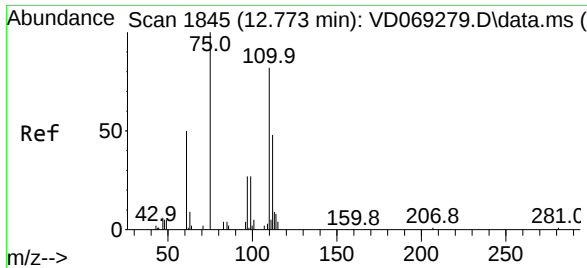
Tgt Ion:	117	Resp:	374272
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.3	64.9
119	32.7	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

Tgt Ion:	152	Resp:	173351
Ion	Ratio	Lower	Upper
152	100		
115	57.0	29.4	88.3
150	158.6	0.0	355.0

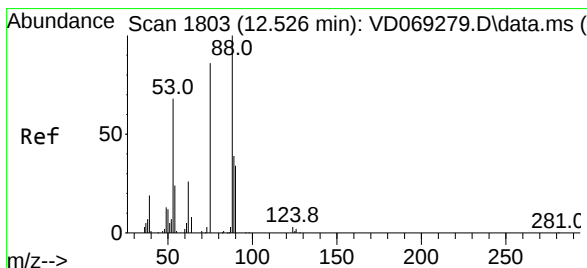
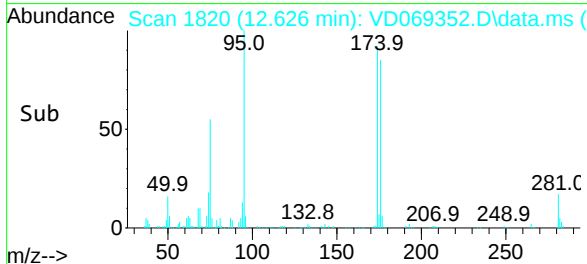
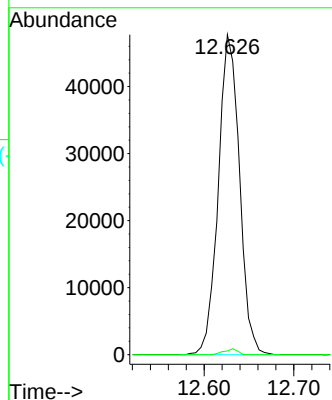
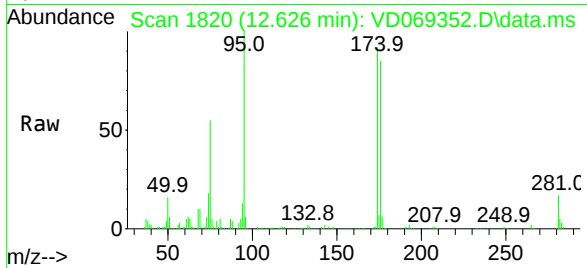




#76
1,2,3-Trichloropropane
Concen: 51.969 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

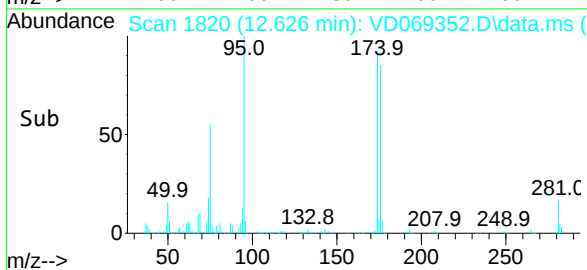
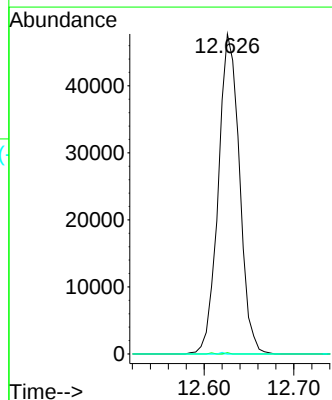
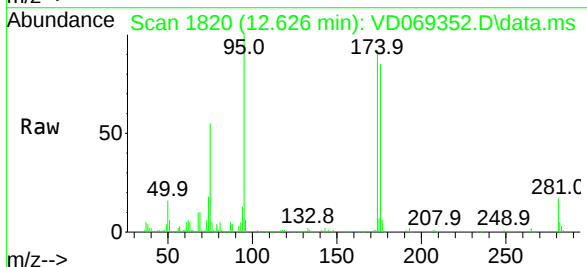
Instrument :
MSVOA_D
ClientSampleId :
13

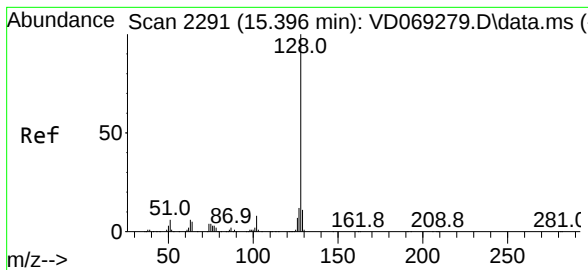
Tgt Ion: 75 Resp: 78272
Ion Ratio Lower Upper
75 100
77 1.2 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.164 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

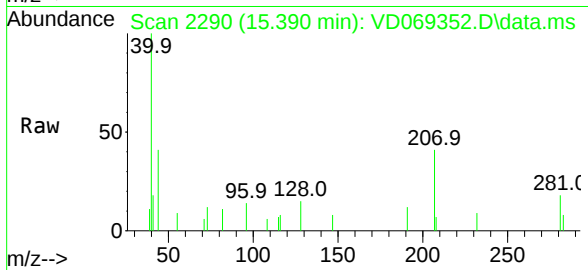
Tgt Ion: 75 Resp: 78272
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.1 35.6 53.4#





#95
Naphthalene
Concen: 3.347 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

Instrument :
MSVOA_D
ClientSampleId :
13



Tgt Ion:128 Resp: 287
Ion Ratio Lower Upper
128 100
127 22.6 10.4 15.6#
129 0.0 8.8 13.2#

