

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
 Data File : VD069126.D
 Acq On : 10 May 2021 16:42
 Operator : VA/SY
 Sample : M2335-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-050721

Quant Time: May 11 01:04:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

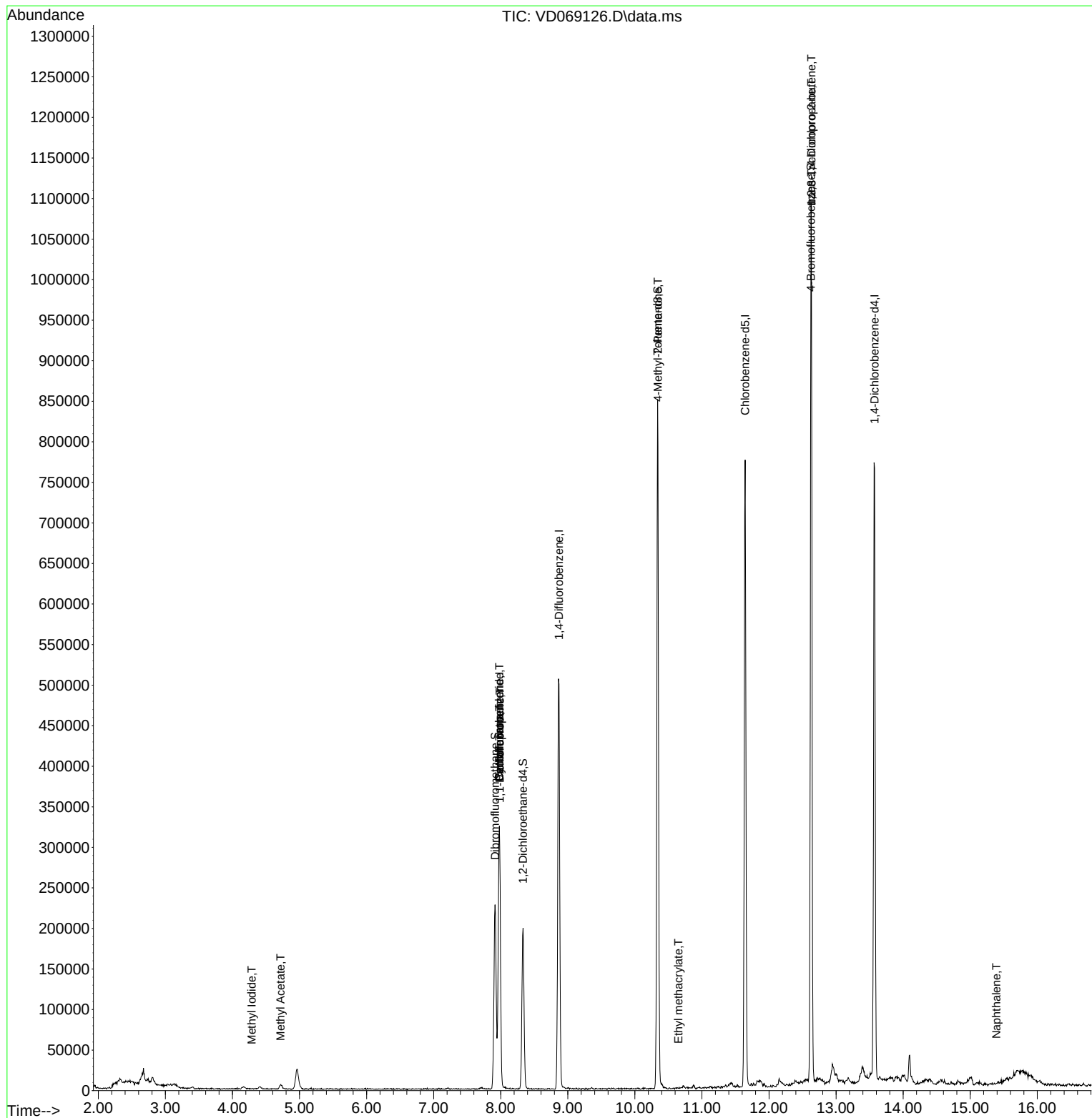
Internal Standards						
1) Pentafluorobenzene	7.979	168	244577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	456769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	457751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	208345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	156057	49.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.02%			
35) Dibromofluoromethane	7.914	113	163731	52.27	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.54%			
50) Toluene-d8	10.338	98	583831	50.49	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.98%			
62) 4-Bromofluorobenzene	12.626	95	205255	53.96	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.92%			
Target Compounds						Qvalue
10) Methyl Iodide	4.285	142	318	3.28	ug/l #	35
11) Tert butyl alcohol	5.232	59	213	Below Cal	#	81
16) Acetone	4.168	43	5370	Below Cal	#	81
18) Methyl Acetate	4.715	43	9485	7.73	ug/l	94
20) Methylene Chloride	4.962	84	20817	Below Cal	#	79
31) Cyclohexane	7.979	56	5927	1.30	ug/l #	23
36) 1,1-Dichloropropene	7.985	75	20274	4.22	ug/l #	51
38) Carbon Tetrachloride	7.979	117	25112	4.82	ug/l #	18
51) 4-Methyl-2-Pentanone	10.344	43	2669	1.53	ug/l #	1
56) Ethyl methacrylate	10.650	69	123	2.41	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	108140	59.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	108140	129.74	ug/l #	10
95) Naphthalene	15.390	128	1709	3.06	ug/l #	91

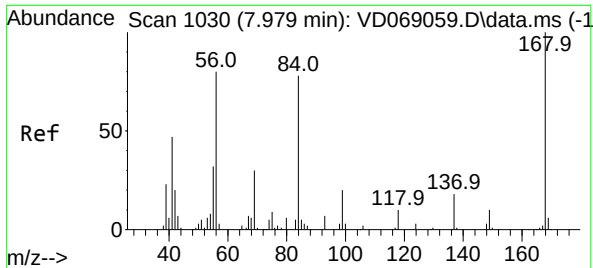
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD069126.D
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Operator : VA/SY
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Misc : 5.04G/5.00ml/MSVOA_D/SOIL
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OK-02-050721

Quant Time: May 11 01:04:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
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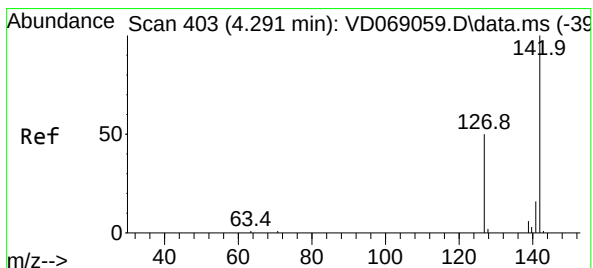
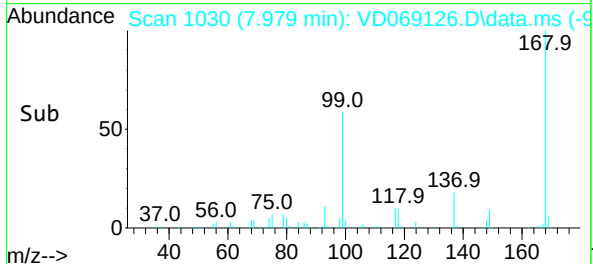
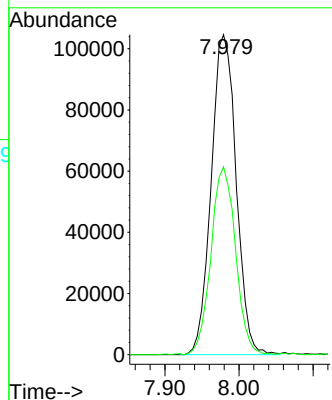
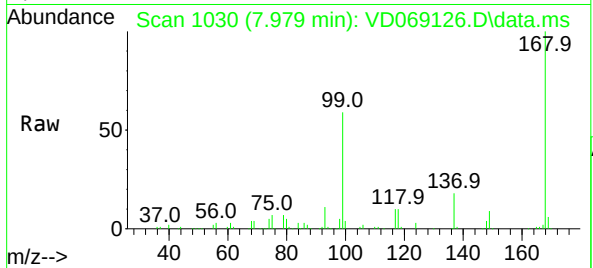




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069126.D
Acq: 10 May 2021 16:42

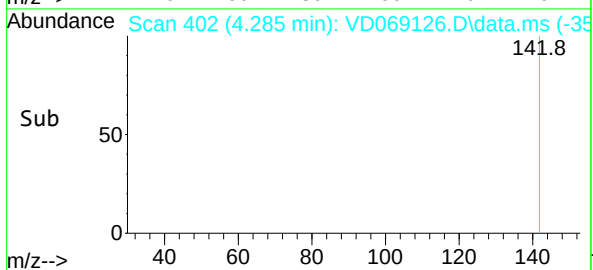
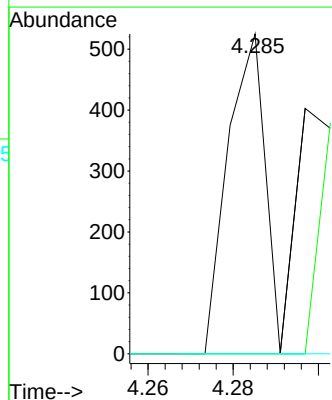
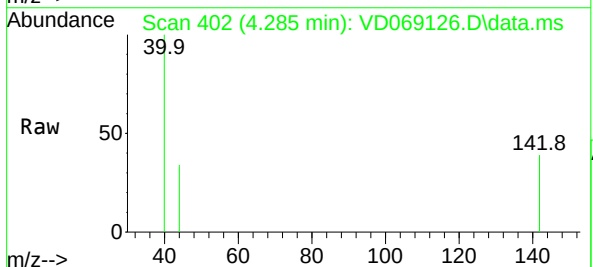
Instrument :
MSVOA_D
ClientSampleId :
OK-02-050721

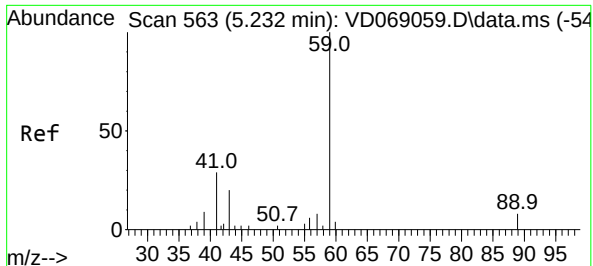
Tgt Ion:168 Resp: 244577
Ion Ratio Lower Upper
168 100
99 58.4 52.6 78.8



#10
Methyl Iodide
Concen: 3.28 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.006 min
Lab File: VD069126.D
Acq: 10 May 2021 16:42

Tgt Ion:142 Resp: 318
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 12.2 18.4#



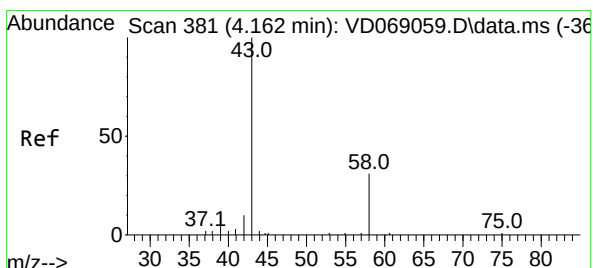
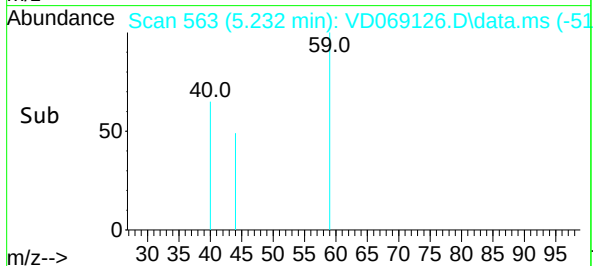
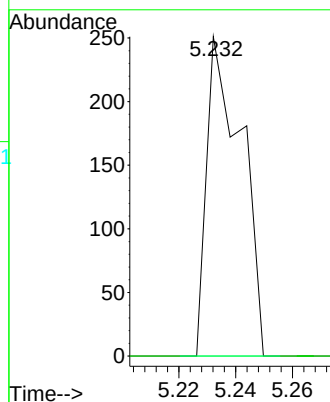
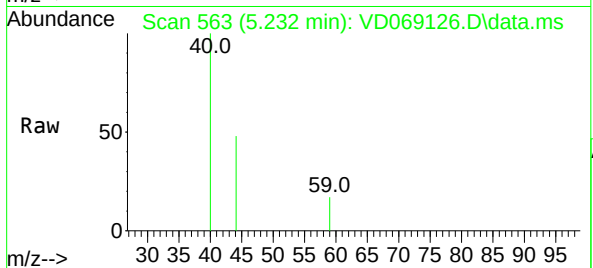


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.000 min
Lab File: VD069126.D
Acq: 10 May 2021 16:42

Instrument :
MSVOA_D
ClientSampleId :
OK-02-050721

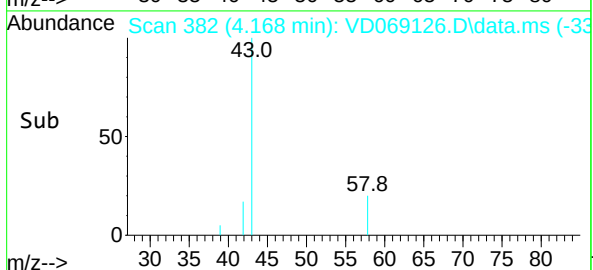
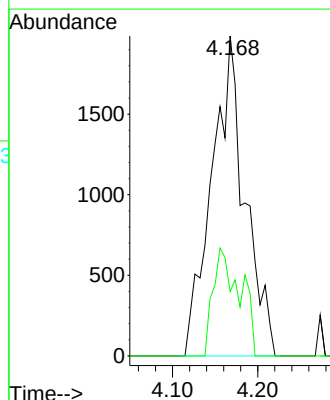
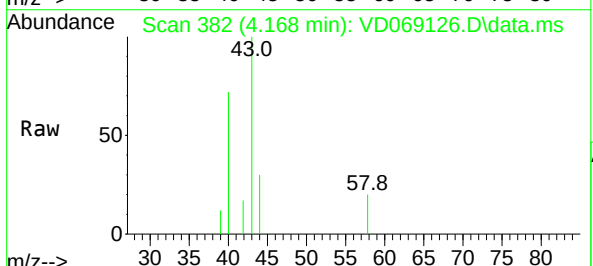
Tgt Ion: 59 Resp: 213
Ion Ratio Lower Upper
59 100
57 0.0 5.3 7.9#

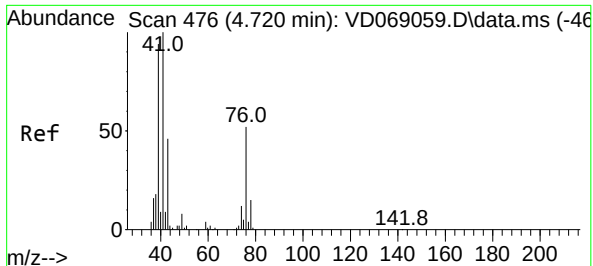


#16

Acetone
Concen: Below Cal
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069126.D
Acq: 10 May 2021 16:42

Tgt Ion: 43 Resp: 5370
Ion Ratio Lower Upper
43 100
58 20.2 24.5 36.7#





#18

Methyl Acetate

Concen: 7.73 ug/l

RT: 4.715 min Scan# 475

Delta R.T. -0.006 min

Lab File: VD069126.D

Acq: 10 May 2021 16:42

Instrument :

MSVOA_D

ClientSampleId :

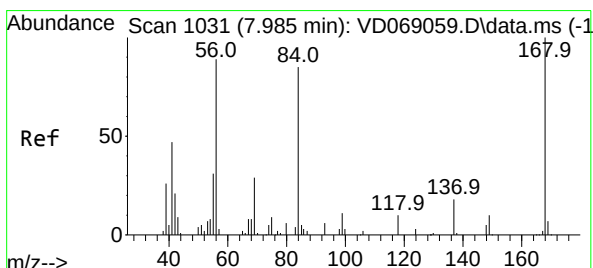
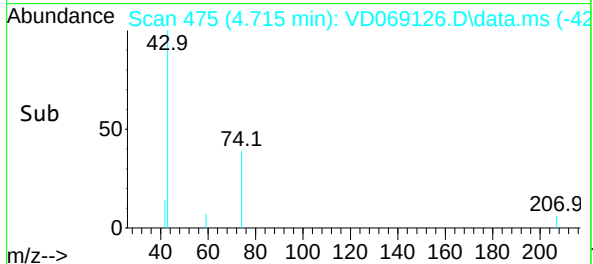
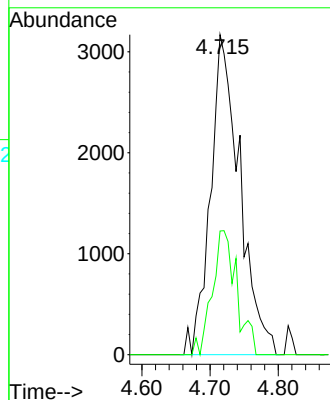
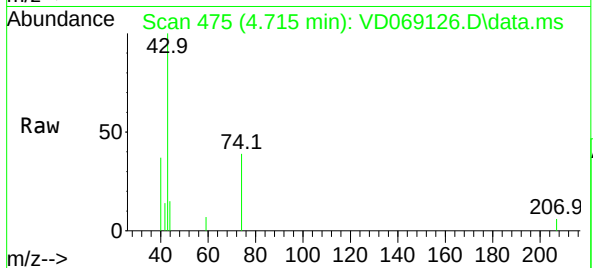
OK-02-050721

Tgt Ion: 43 Resp: 9485

Ion Ratio Lower Upper

43 100

74 32.2 23.3 34.9



#31

Cyclohexane

Concen: 1.30 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD069126.D

Acq: 10 May 2021 16:42

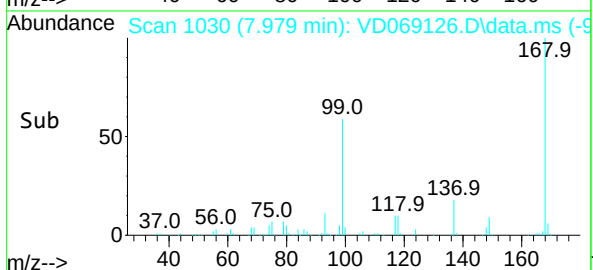
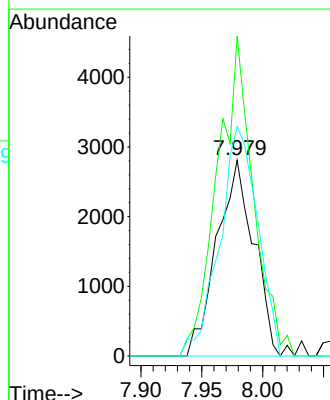
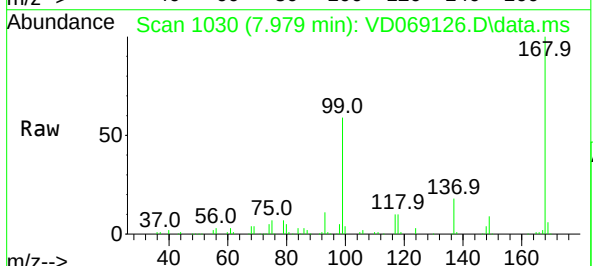
Tgt Ion: 56 Resp: 5927

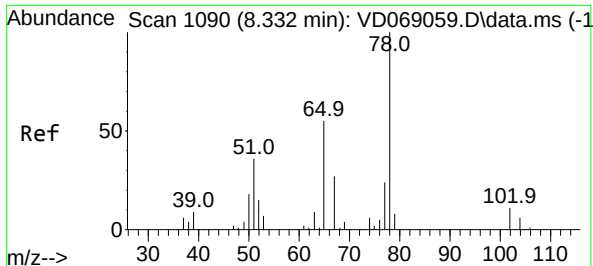
Ion Ratio Lower Upper

56 100

69 163.6 26.3 39.5#

84 117.2 75.9 113.9#

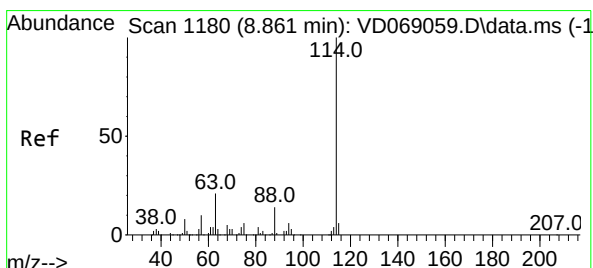
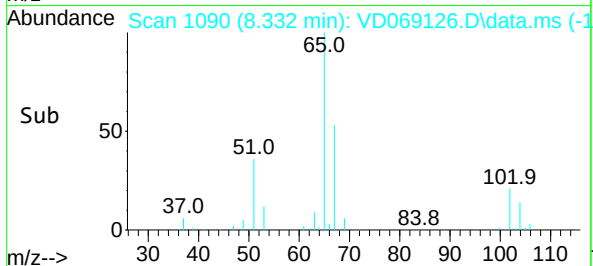
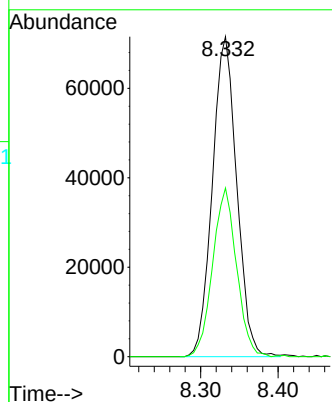
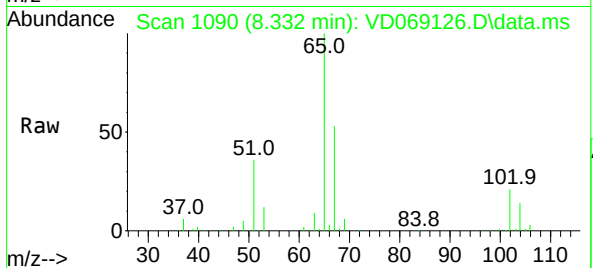




#33
1,2-Dichloroethane-d4
Concen: 49.51 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069126.D
Acq: 10 May 2021 16:42

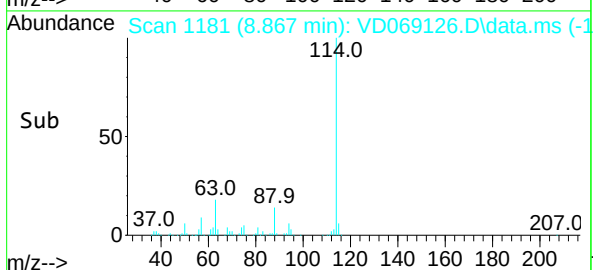
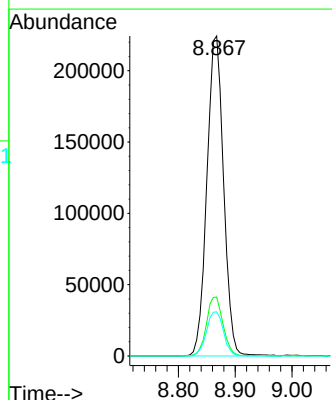
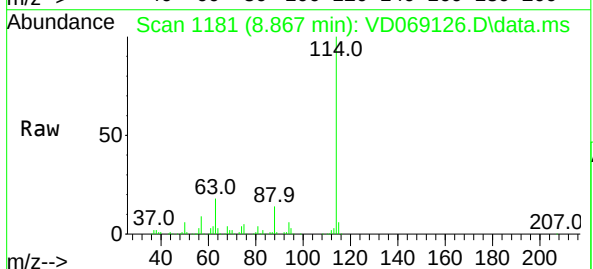
Instrument :
MSVOA_D
ClientSampleId :
OK-02-050721

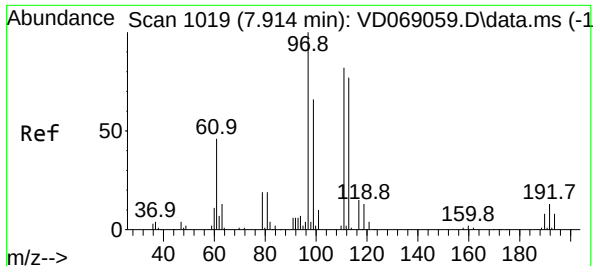
Tgt Ion: 65 Resp: 156057
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069126.D
Acq: 10 May 2021 16:42

Tgt Ion: 114 Resp: 456769
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.4
88 13.8 0.0 27.8





#35

Dibromofluoromethane

Concen: 52.27 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069126.D

Acq: 10 May 2021 16:42

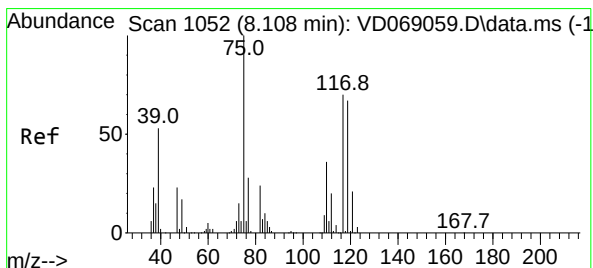
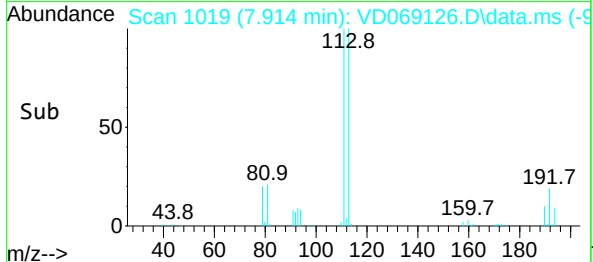
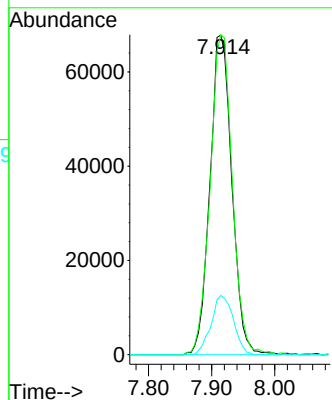
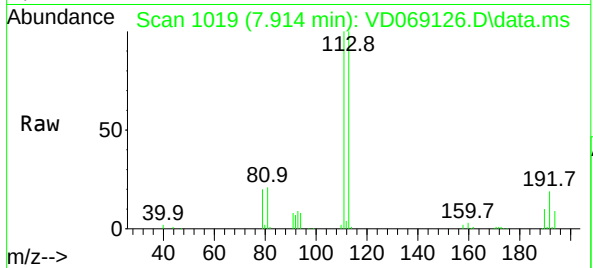
Tgt Ion:113 Resp: 163731

Ion Ratio Lower Upper

113 100

111 101.7 84.6 126.8

192 18.8 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.22 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.124 min

Lab File: VD069126.D

Acq: 10 May 2021 16:42

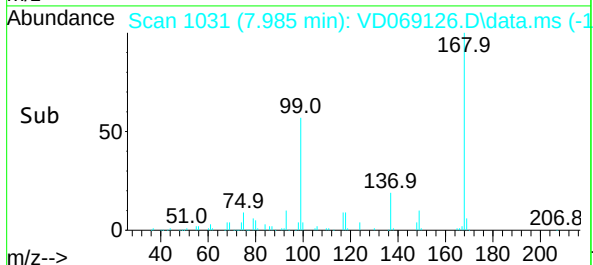
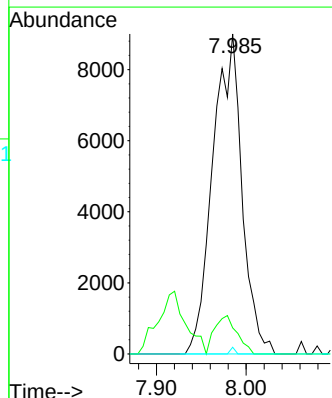
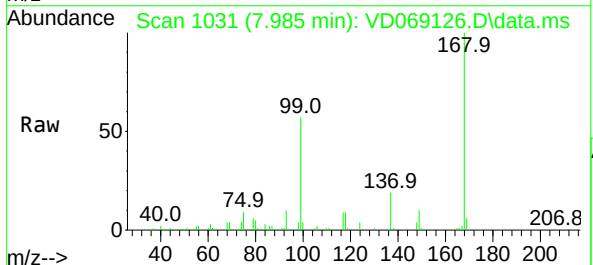
Tgt Ion: 75 Resp: 20274

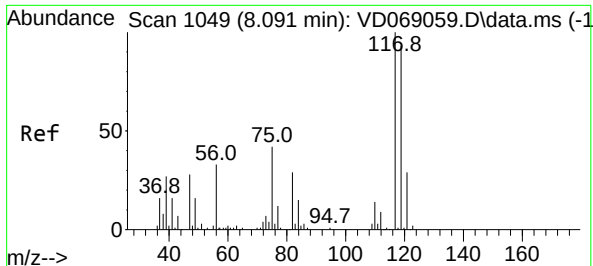
Ion Ratio Lower Upper

75 100

110 9.2 17.3 51.7#

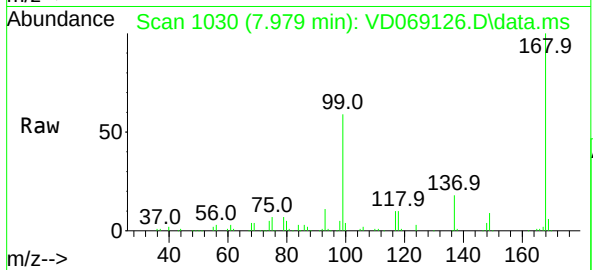
77 0.3 23.9 35.9#



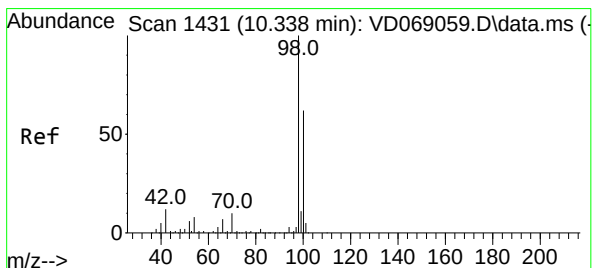
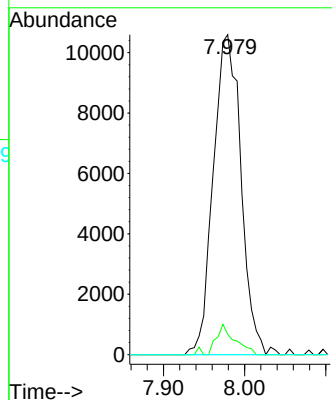
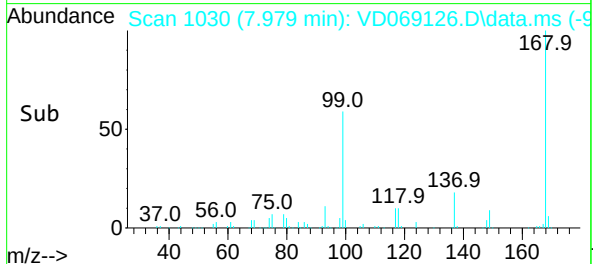


#38
Carbon Tetrachloride
Concen: 4.82 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD069126.D
Acq: 10 May 2021 16:42

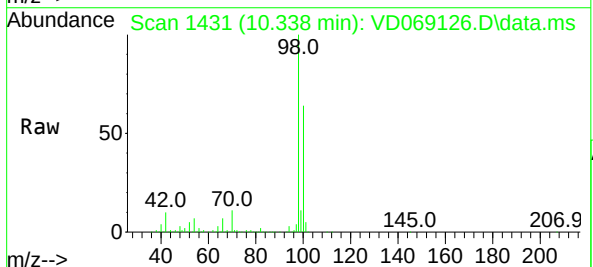
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MSVOA_D
ClientSampleId :
OK-02-050721



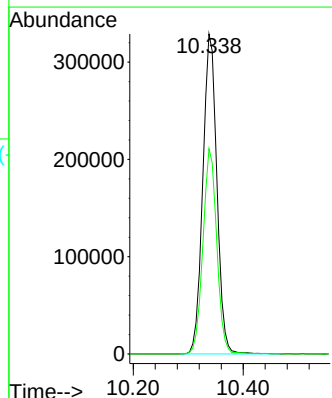
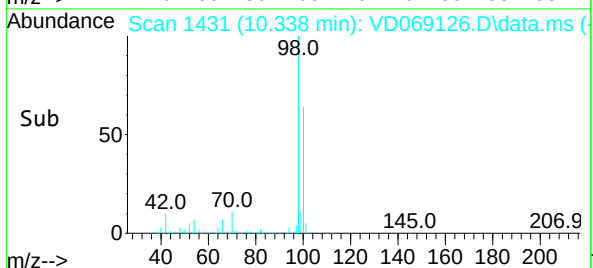
Tgt Ion:117 Resp: 25112
Ion Ratio Lower Upper
117 100
119 6.3 74.7 112.1#
121 0.0 23.1 34.7#

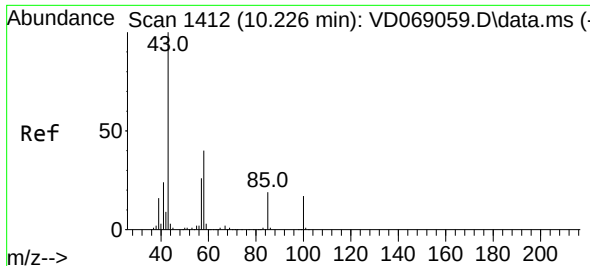


#50
Toluene-d8
Concen: 50.49 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069126.D
Acq: 10 May 2021 16:42



Tgt Ion: 98 Resp: 583831
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4

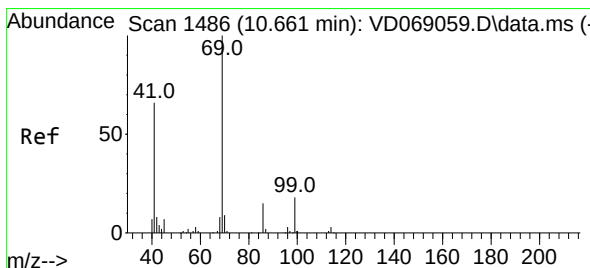
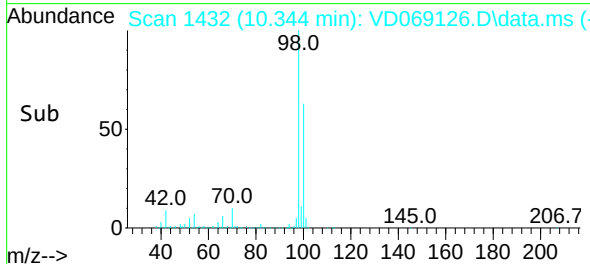
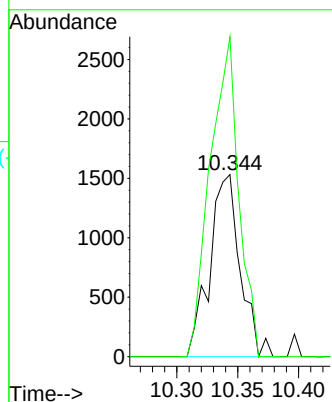
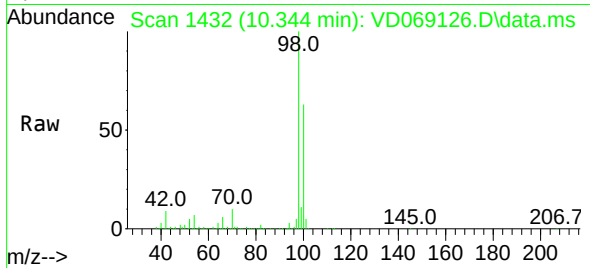




#51
4-Methyl-2-Pentanone
Concen: 1.53 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD069126.D
Acq: 10 May 2021 16:42

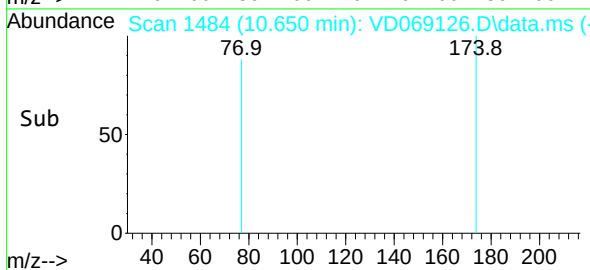
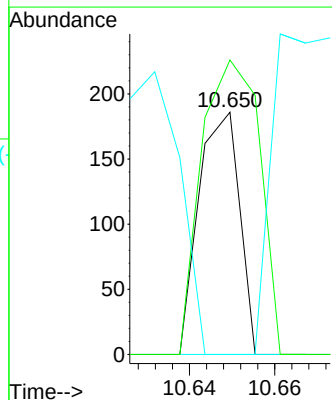
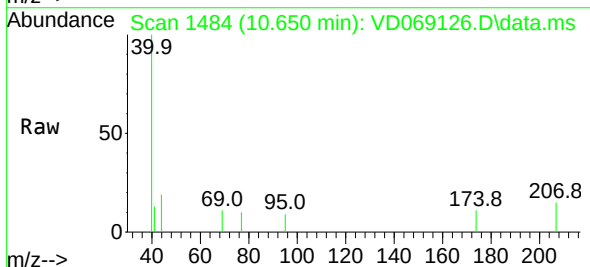
Instrument :
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OK-02-050721

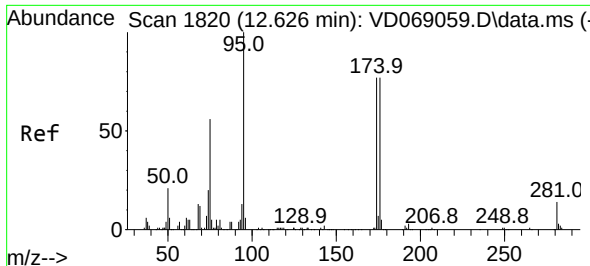
Tgt Ion: 43 Resp: 2669
Ion Ratio Lower Upper
43 100
58 165.2 32.7 49.1#



#56
Ethyl methacrylate
Concen: 2.41 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.011 min
Lab File: VD069126.D
Acq: 10 May 2021 16:42

Tgt Ion: 69 Resp: 123
Ion Ratio Lower Upper
69 100
41 174.0 49.2 73.8#
39 267.5 29.8 44.6#

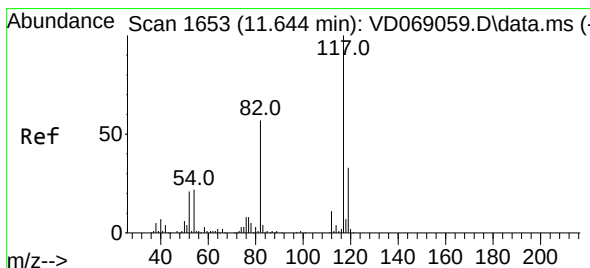
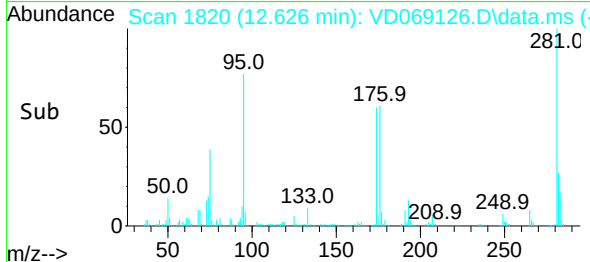
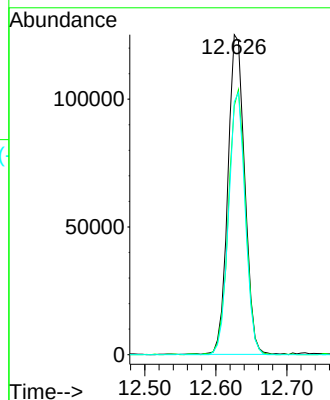
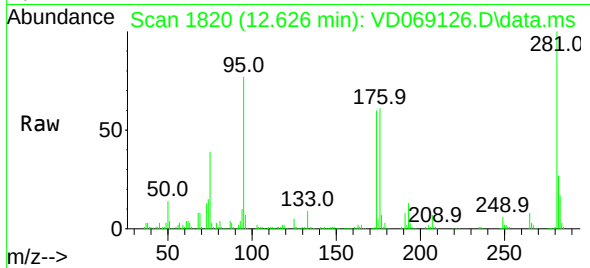




#62
4-Bromofluorobenzene
Concen: 53.96 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069126.D
Acq: 10 May 2021 16:42

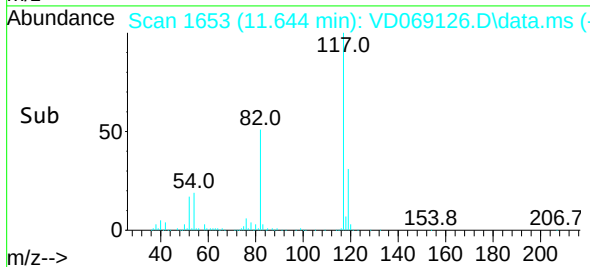
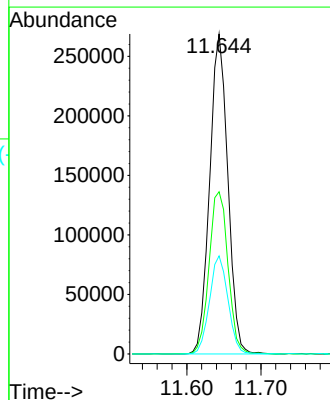
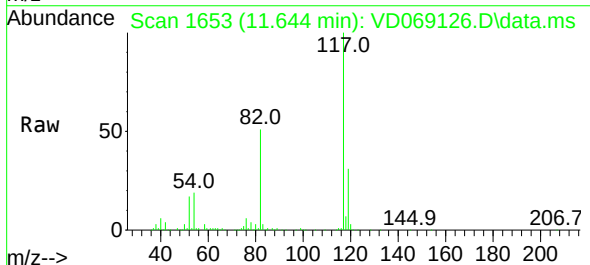
Instrument :
MSVOA_D
ClientSampleId :
OK-02-050721

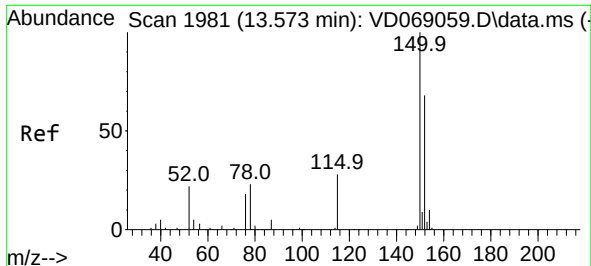
Tgt Ion:	95	Resp:	205255
Ion Ratio	Lower	Upper	
95	100		
174	83.8	0.0	156.0
176	80.8	0.0	149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069126.D
Acq: 10 May 2021 16:42

Tgt Ion:	117	Resp:	457751
Ion Ratio	Lower	Upper	
117	100		
82	50.7	45.4	68.2
119	30.7	26.8	40.2

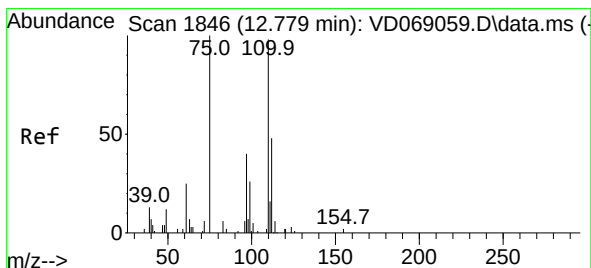
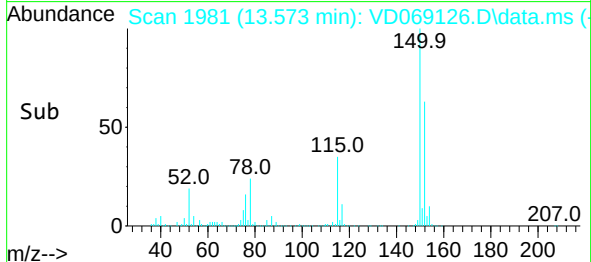
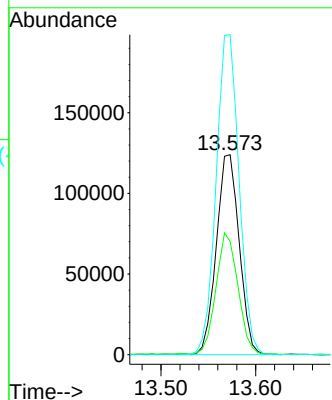
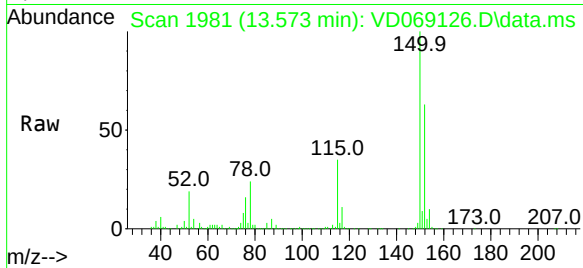




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD069126.D
 Acq: 10 May 2021 16:42

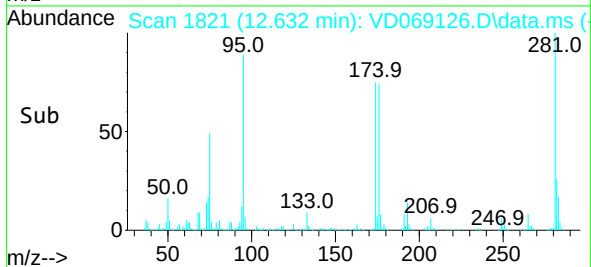
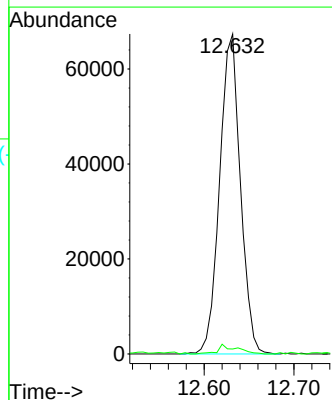
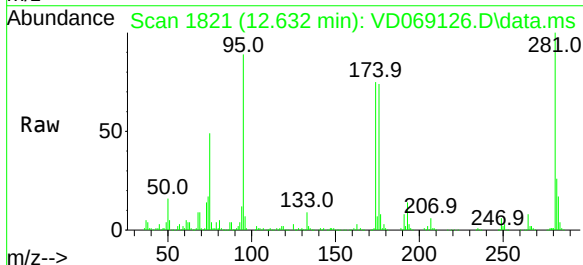
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-050721

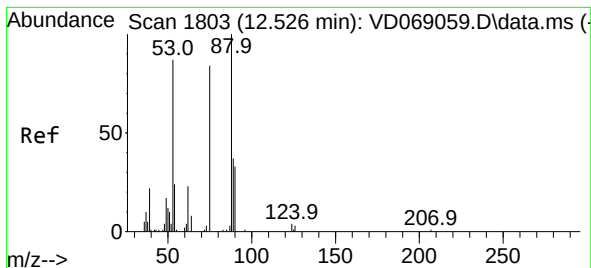
Tgt Ion:152 Resp: 208345
 Ion Ratio Lower Upper
 152 100
 115 58.9 30.5 91.5
 150 160.2 0.0 340.8



#76
 1,2,3-Trichloropropane
 Concen: 59.62 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.147 min
 Lab File: VD069126.D
 Acq: 10 May 2021 16:42

Tgt Ion: 75 Resp: 108140
 Ion Ratio Lower Upper
 75 100
 77 2.7 0.0 0.0#

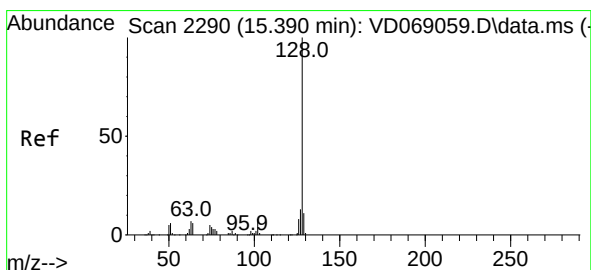
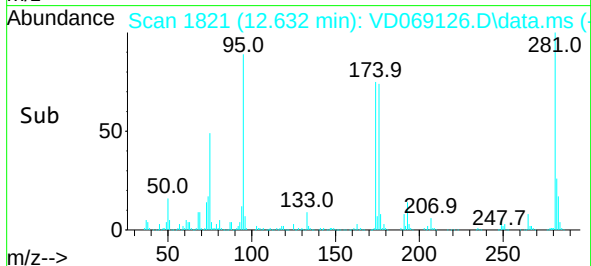
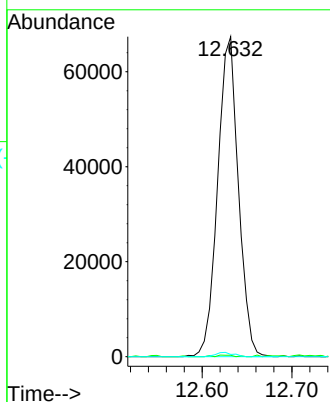
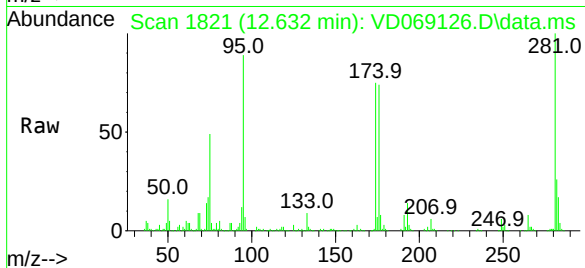




#81
trans-1,4-Dichloro-2-butene
Concen: 129.74 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069126.D
Acq: 10 May 2021 16:42

Instrument :
MSVOA_D
ClientSampleId :
OK-02-050721

Tgt Ion: 75 Resp: 108140
Ion Ratio Lower Upper
75 100
53 0.5 80.4 120.6#
89 1.2 37.8 56.8#



#95
Naphthalene
Concen: 3.06 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069126.D
Acq: 10 May 2021 16:42

Tgt Ion: 128 Resp: 1709
Ion Ratio Lower Upper
128 100
127 9.0 10.7 16.1#
129 8.5 8.5 12.7

