

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
 Data File : VD069127.D
 Acq On : 10 May 2021 17:11
 Operator : VA/SY
 Sample : M2280-02
 Misc : 6.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-072

Quant Time: May 11 01:04:33 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)

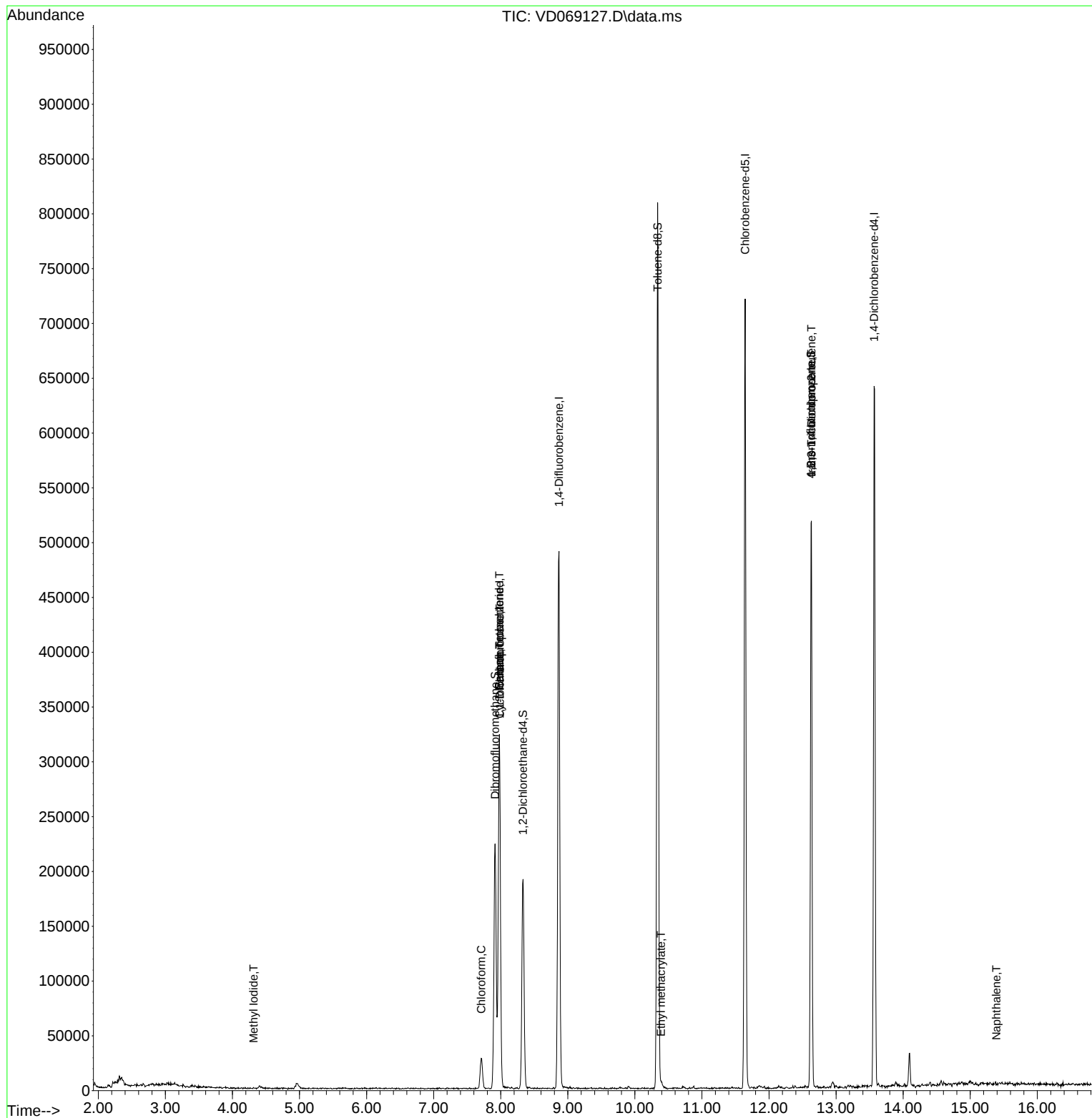
Internal Standards						
1) Pentafluorobenzene	7.979	168	239285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	444729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	415910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	174585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	155625	50.46	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 100.92%		
35) Dibromofluoromethane	7.914	113	160003	52.46	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 104.92%		
50) Toluene-d8	10.338	98	557448	49.51	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	= 99.02%		
62) 4-Bromofluorobenzene	12.626	95	165532	44.70	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	= 89.40%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.315	142	81	3.20	ug/l #	35
16) Acetone	4.162	43	341	Below Cal	#	8
20) Methylene Chloride	4.967	84	4386	Below Cal	#	84
30) Chloroform	7.708	83	26348	4.62	ug/l	90
31) Cyclohexane	7.985	56	5899	1.32	ug/l #	56
36) 1,1-Dichloropropene	7.985	75	19888	4.25	ug/l #	50
38) Carbon Tetrachloride	7.979	117	24373	4.80	ug/l #	17
56) Ethyl methacrylate	10.391	69	61	2.39	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	84277	55.45	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	84277	120.66	ug/l #	9
95) Naphthalene	15.390	128	709	2.94	ug/l #	78

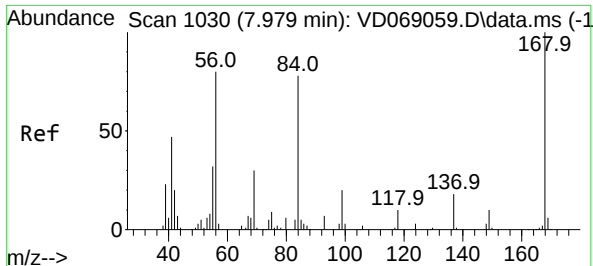
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
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Misc : 6.62G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

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Quant Time: May 11 01:04:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
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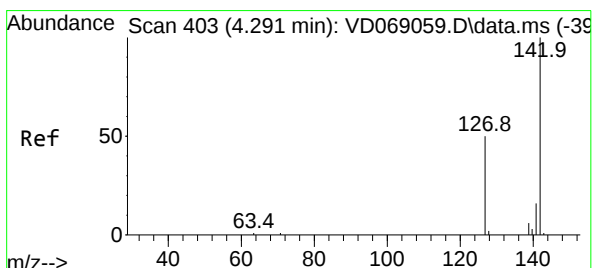
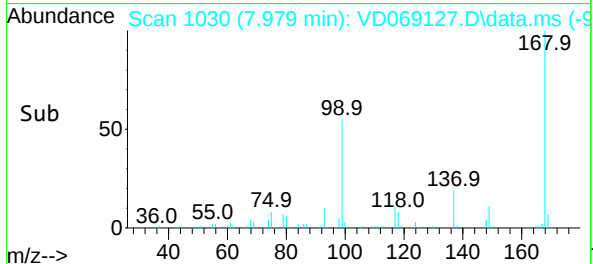
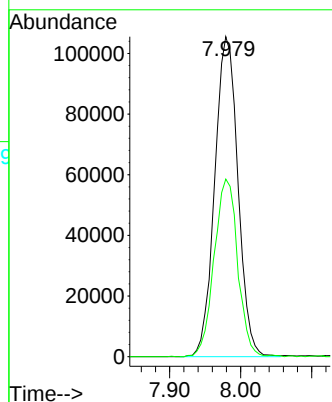
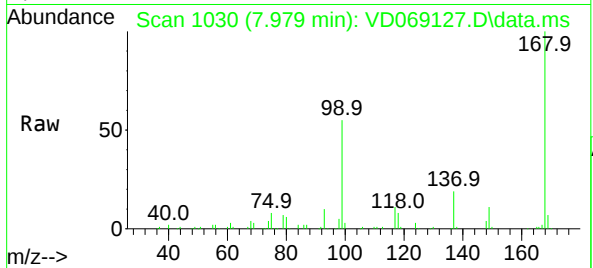




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

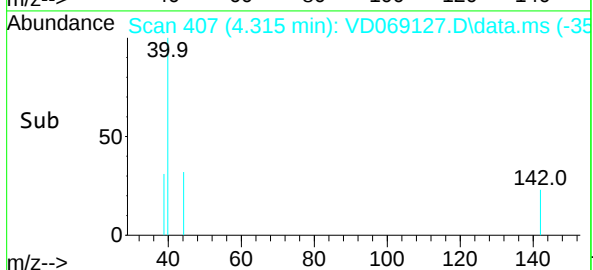
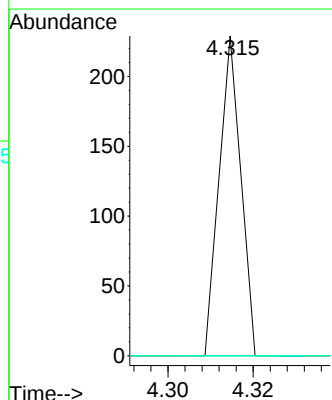
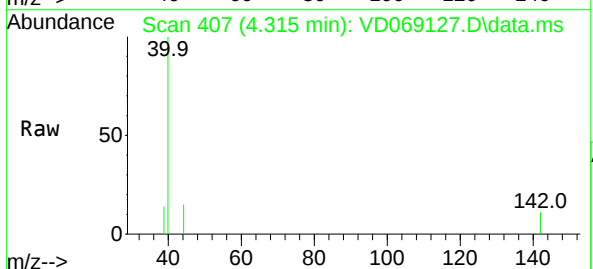
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-072

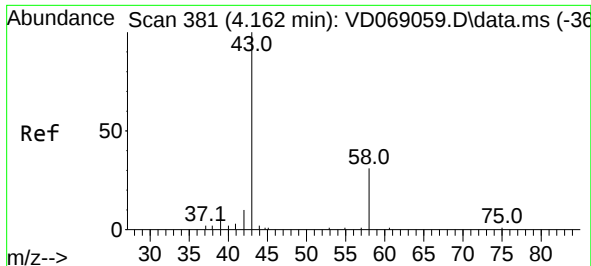
Tgt Ion:168 Resp: 239285
Ion Ratio Lower Upper
168 100
99 55.5 52.6 78.8



#10
Methyl Iodide
Concen: 3.20 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.024 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

Tgt Ion:142 Resp: 81
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 12.2 18.4#

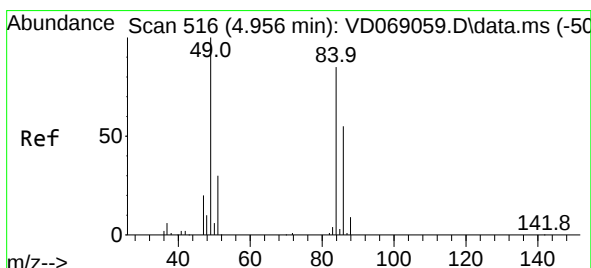
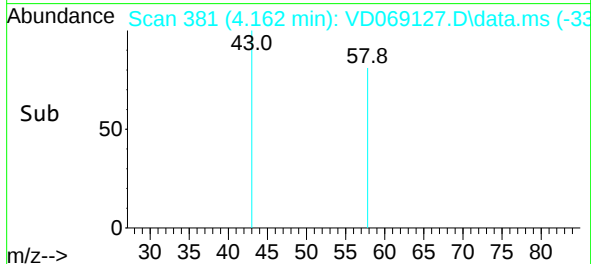
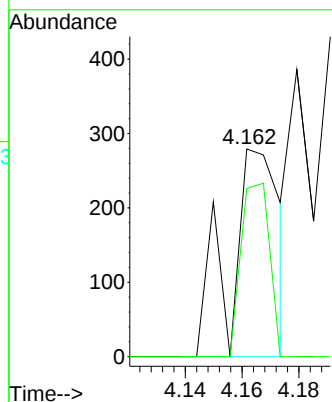
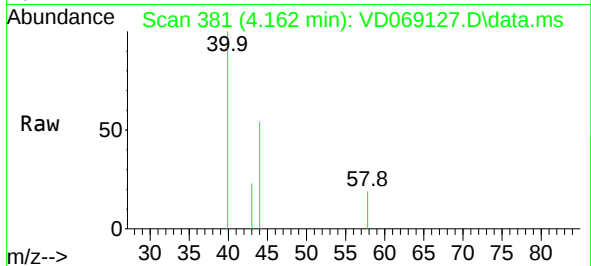




#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

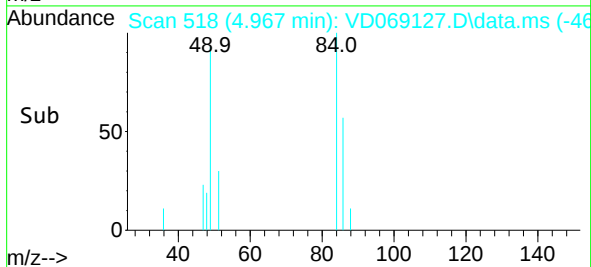
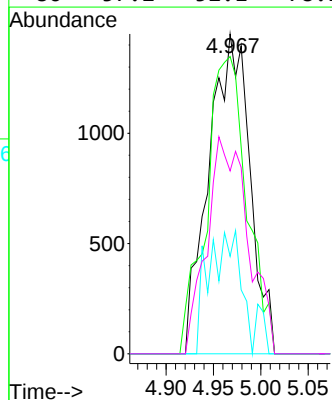
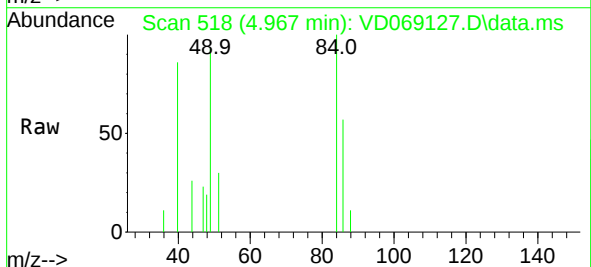
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-072

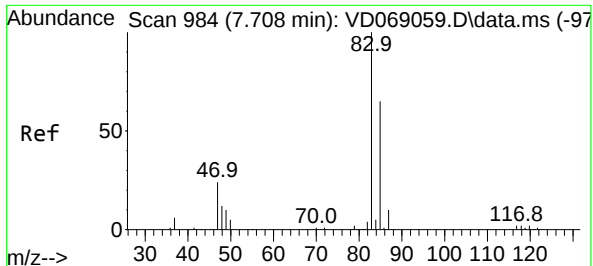
Tgt Ion: 43 Resp: 341
Ion Ratio Lower Upper
43 100
58 81.0 24.5 36.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.011 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

Tgt Ion: 84 Resp: 4386
Ion Ratio Lower Upper
84 100
49 93.0 93.9 140.9#
51 30.5 27.9 41.9
86 57.2 52.1 78.1





#30

Chloroform

Concen: 4.62 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD069127.D

Acq: 10 May 2021 17:11

Tgt Ion: 83 Resp: 26348

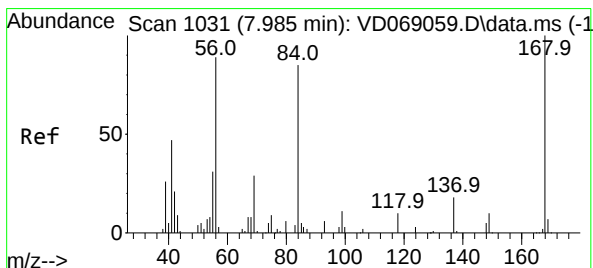
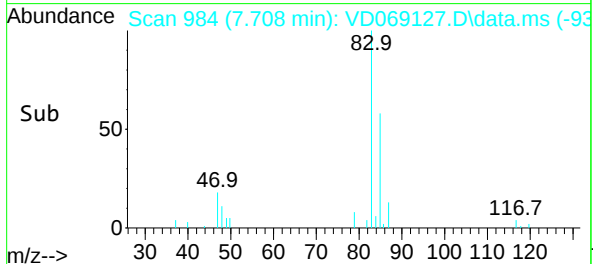
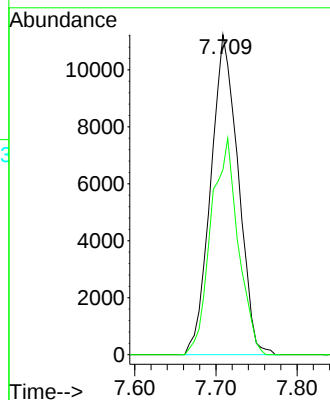
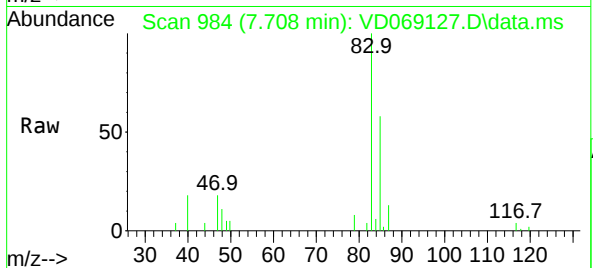
Ion	Ratio	Lower	Upper
83	100		
85	57.8	52.4	78.6

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-072



#31

Cyclohexane

Concen: 1.32 ug/l

RT: 7.985 min Scan# 1031

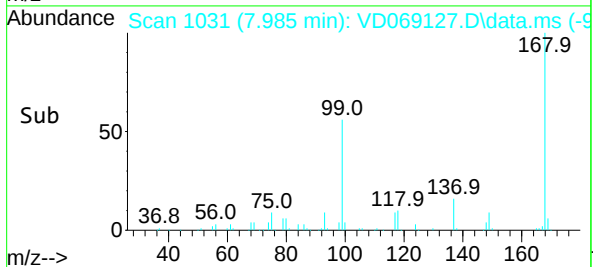
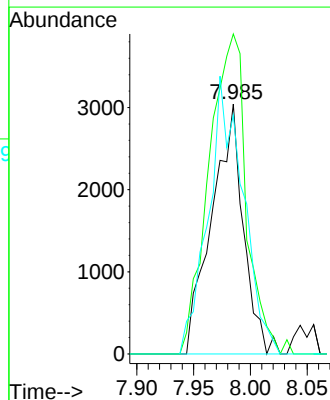
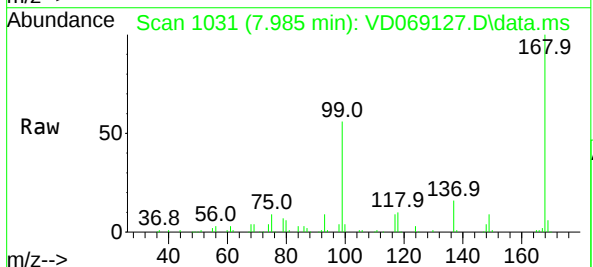
Delta R.T. 0.000 min

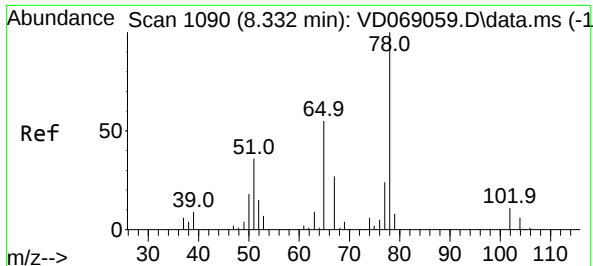
Lab File: VD069127.D

Acq: 10 May 2021 17:11

Tgt Ion: 56 Resp: 5899

Ion	Ratio	Lower	Upper
56	100		
69	128.1	26.3	39.5
84	95.7	75.9	113.9

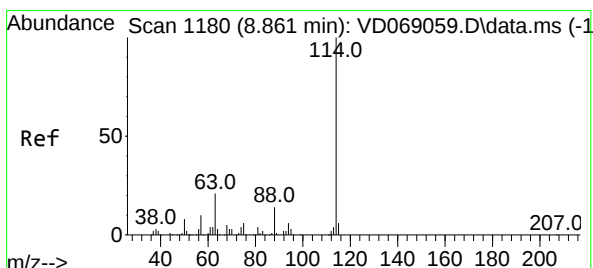
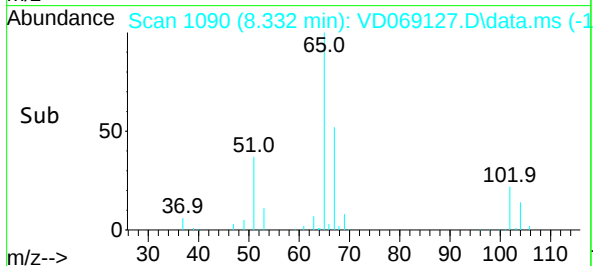
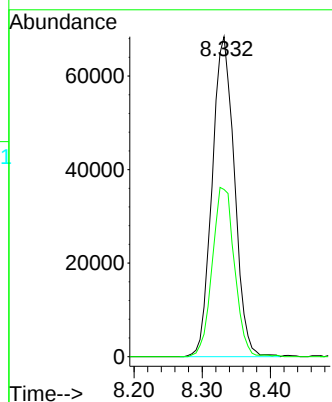
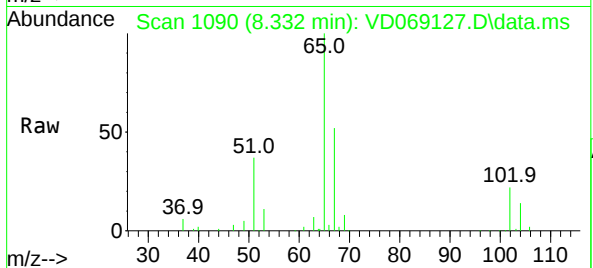




#33
1,2-Dichloroethane-d4
Concen: 50.46 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

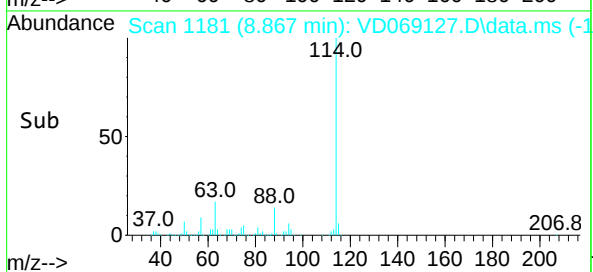
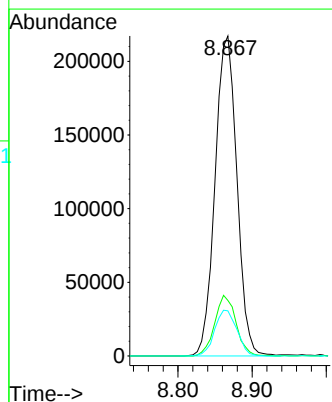
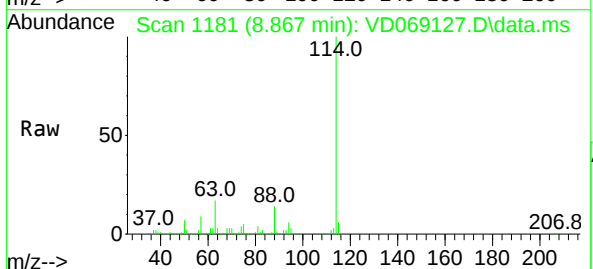
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-072

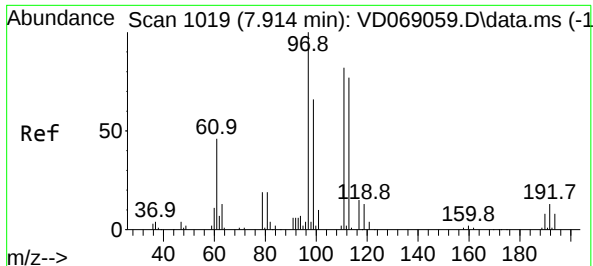
Tgt Ion: 65 Resp: 155625
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

Tgt Ion: 114 Resp: 444729
Ion Ratio Lower Upper
114 100
63 17.3 0.0 41.4
88 14.1 0.0 27.8





#35

Dibromofluoromethane

Concen: 52.46 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069127.D

Acq: 10 May 2021 17:11

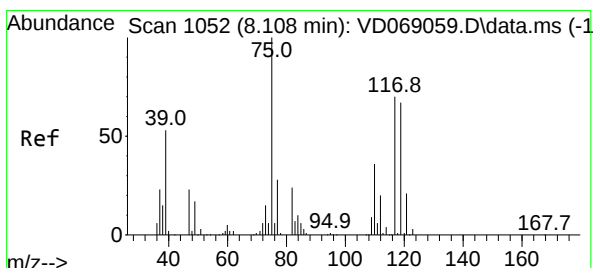
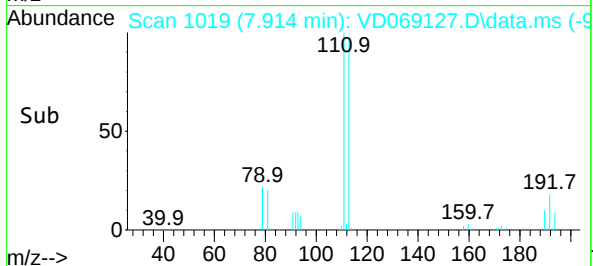
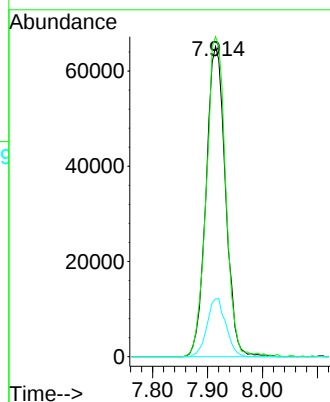
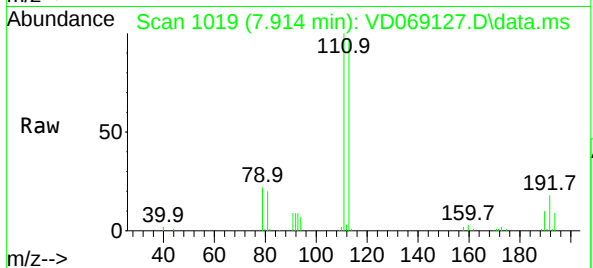
Tgt Ion:113 Resp: 160003

Ion Ratio Lower Upper

113 100

111 102.2 84.6 126.8

192 18.1 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.25 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.124 min

Lab File: VD069127.D

Acq: 10 May 2021 17:11

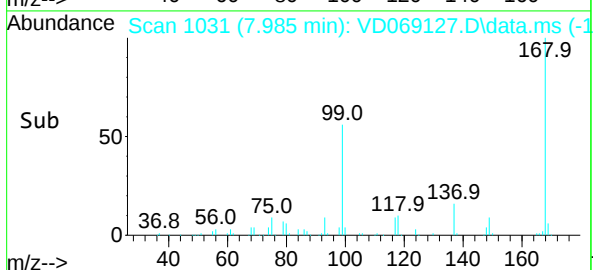
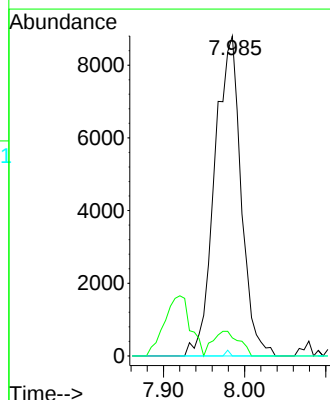
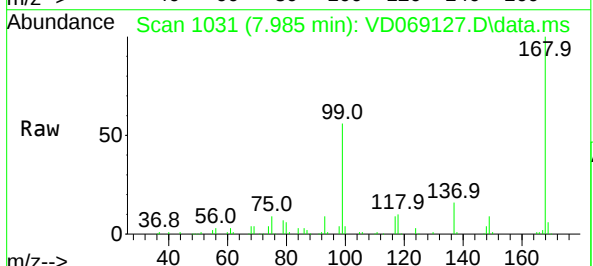
Tgt Ion: 75 Resp: 19888

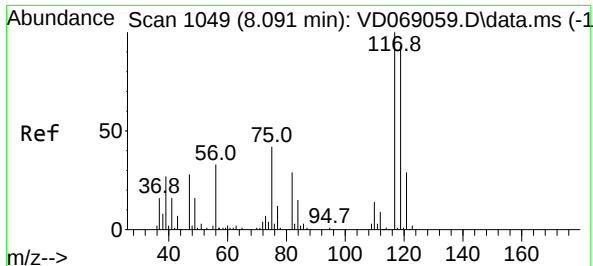
Ion Ratio Lower Upper

75 100

110 7.6 17.3 51.7#

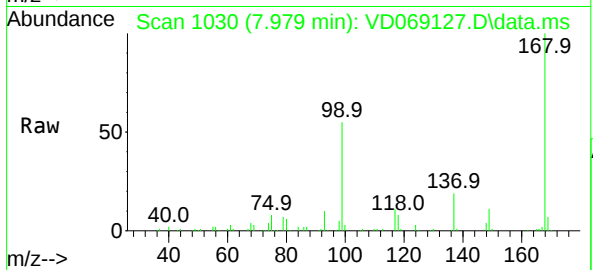
77 0.3 23.9 35.9#



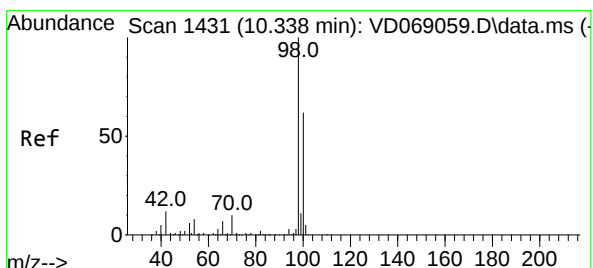
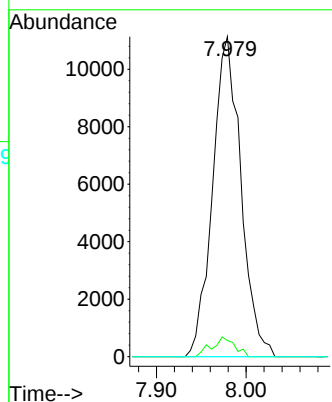
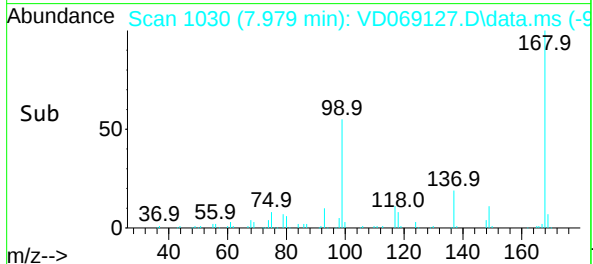


#38
Carbon Tetrachloride
Concen: 4.80 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

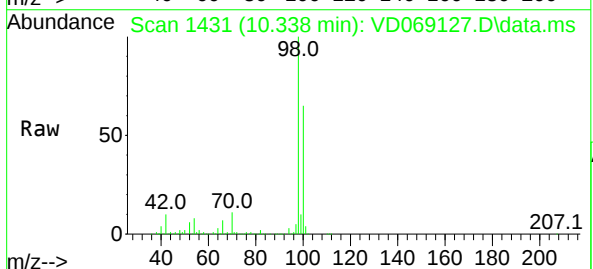
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-072



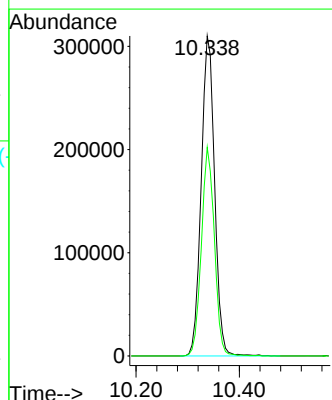
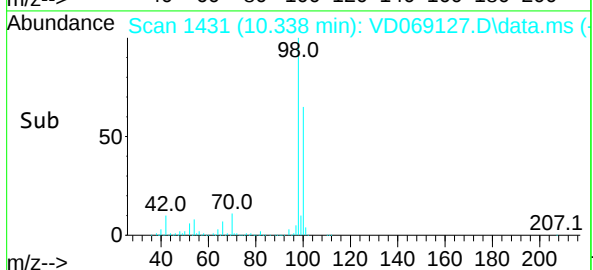
Tgt Ion:117 Resp: 24373
Ion Ratio Lower Upper
117 100
119 5.0 74.7 112.1#
121 0.0 23.1 34.7#

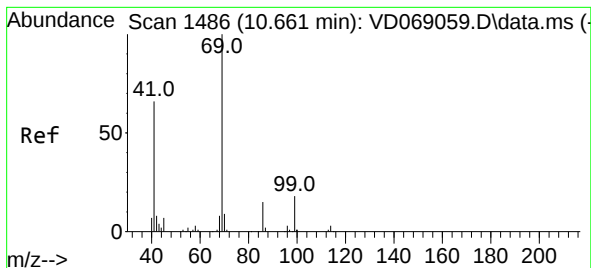


#50
Toluene-d8
Concen: 49.51 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11



Tgt Ion: 98 Resp: 557448
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4

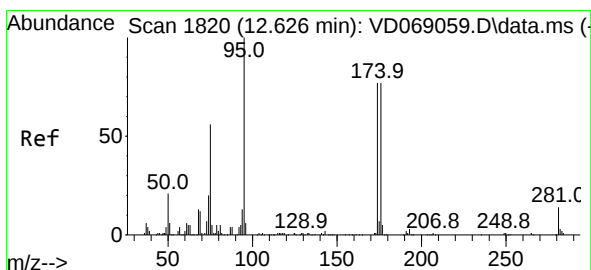
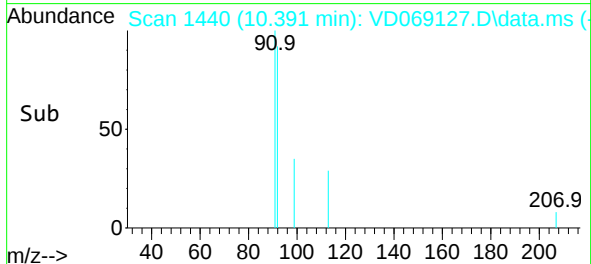
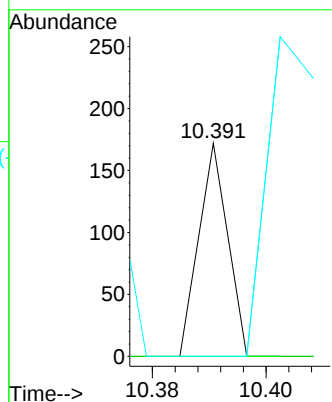
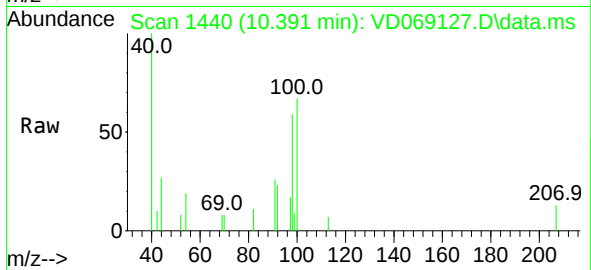




#56
Ethyl methacrylate
Concen: 2.39 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.270 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

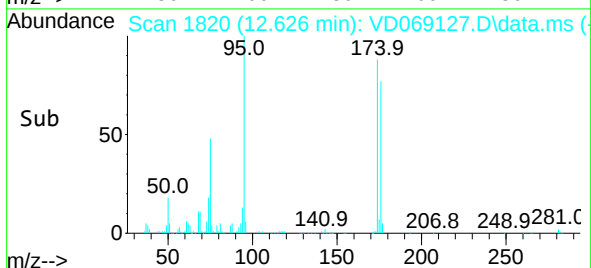
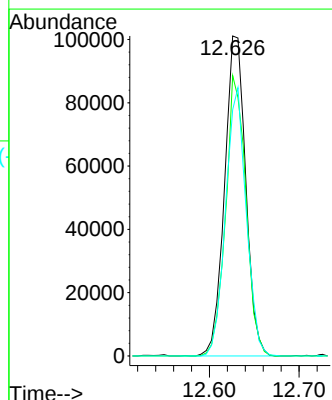
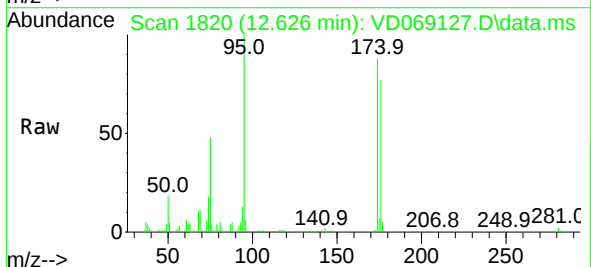
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-072

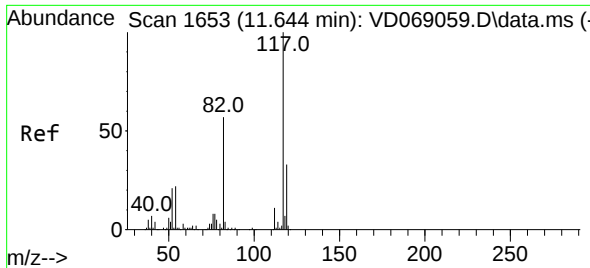
Tgt Ion: 69 Resp: 61
Ion Ratio Lower Upper
69 100
41 0.0 49.2 73.8#
39 373.8 29.8 44.6#



#62
4-Bromofluorobenzene
Concen: 44.70 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

Tgt Ion: 95 Resp: 165532
Ion Ratio Lower Upper
95 100
174 83.9 0.0 156.0
176 81.7 0.0 149.4

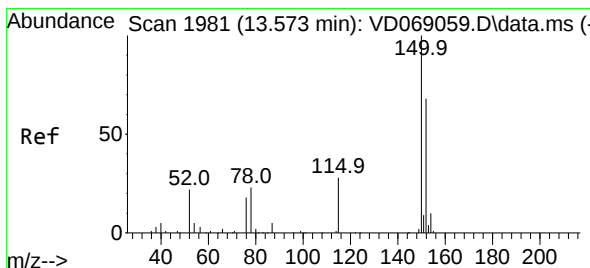
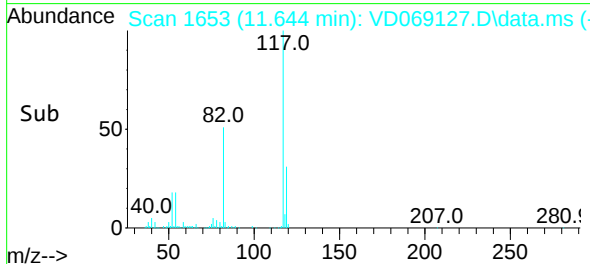
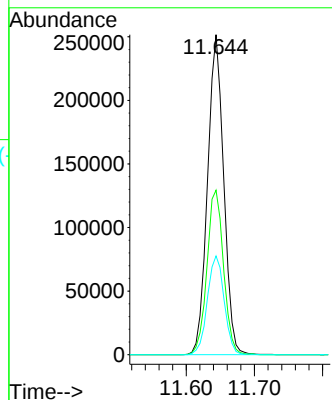
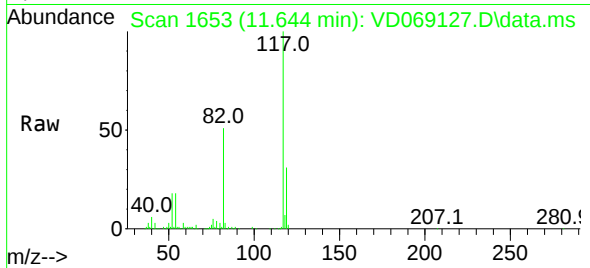




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

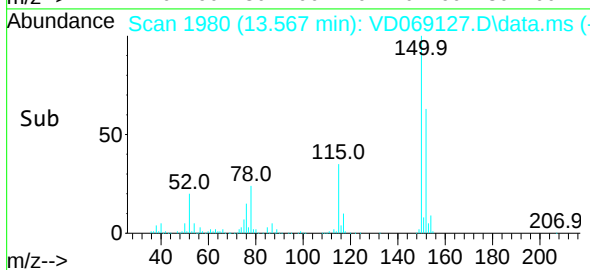
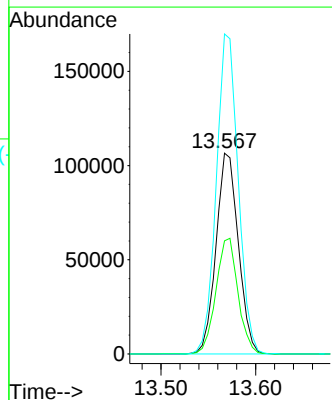
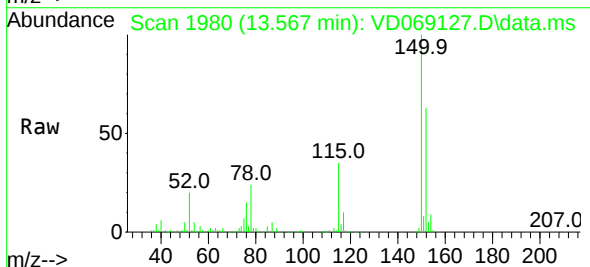
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-072

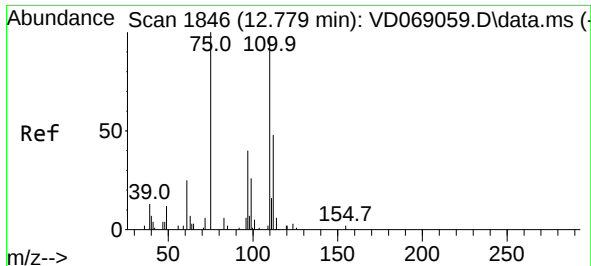
Tgt Ion:	117	Resp:	415910
Ion	Ratio	Lower	Upper
117	100		
82	51.4	45.4	68.2
119	30.8	26.8	40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

Tgt Ion:	152	Resp:	174585
Ion	Ratio	Lower	Upper
152	100		
115	57.1	30.5	91.5
150	156.4	0.0	340.8

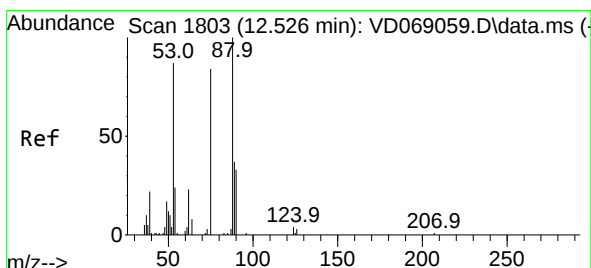
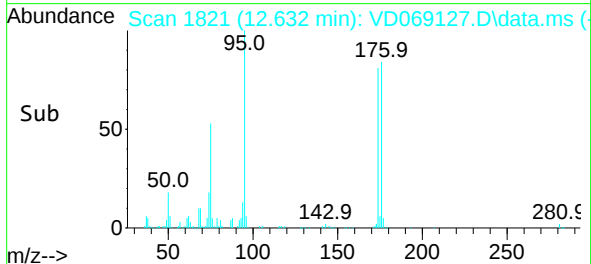
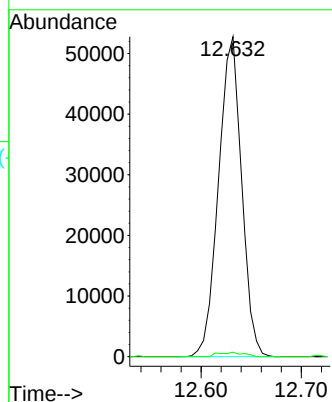
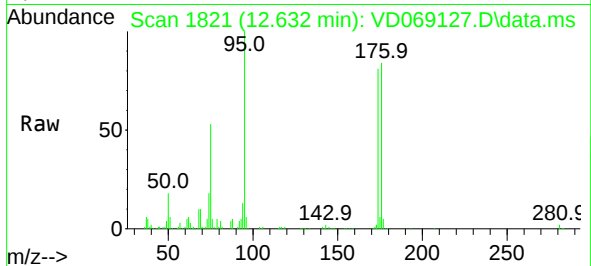




#76
1,2,3-Trichloropropane
Concen: 55.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

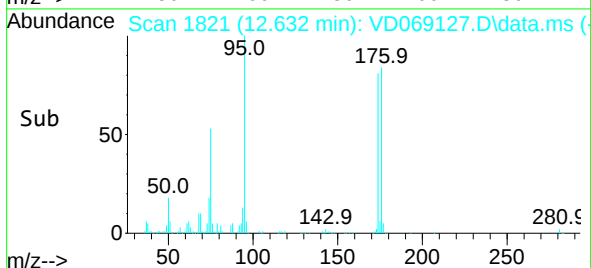
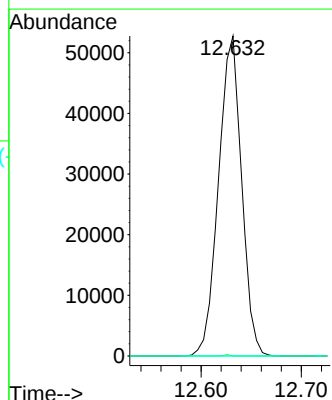
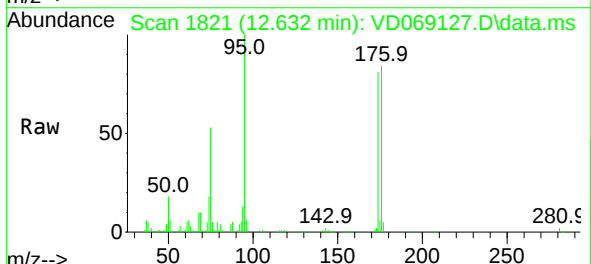
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-072

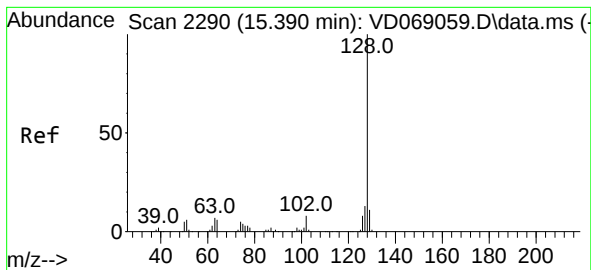
Tgt Ion: 75 Resp: 84277
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.66 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

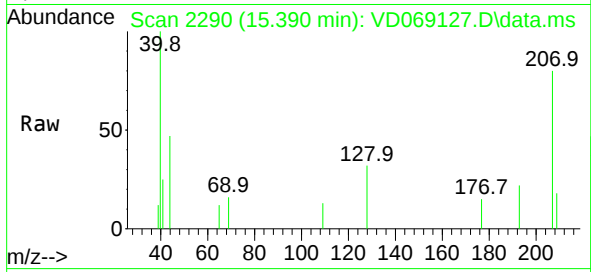
Tgt Ion: 75 Resp: 84277
Ion Ratio Lower Upper
75 100
53 0.1 80.4 120.6#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 2.94 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-072



Tgt Ion:	128	Resp:	709
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	7.6	8.5	12.7#

