

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
 Data File : VD068544.D
 Acq On : 05 Mar 2021 15:29
 Operator : VA/SY
 Sample : M1591-02
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

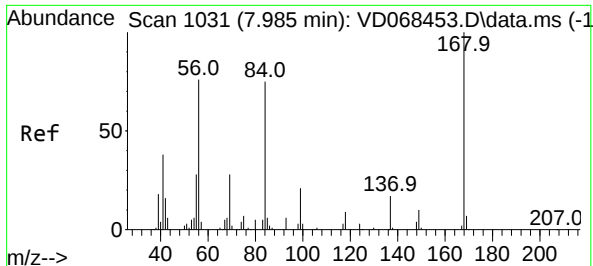
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-070

Quant Time: Mar 05 23:12:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	313273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	551358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	516769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	208189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	164803	52.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.30%
35) Dibromofluoromethane	7.920	113	166053	49.99	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.98%
50) Toluene-d8	10.343	98	679782	51.38	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.76%
62) 4-Bromofluorobenzene	12.631	95	207682	48.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.42%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.308	142	801	2.82	ug/l #	45
20) Methylene Chloride	4.967	84	2380	Below Cal	#	81
31) Cyclohexane	7.985	56	6287	1.10	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	25232	4.81	ug/l #	47
38) Carbon Tetrachloride	7.979	117	30815	6.26	ug/l #	15
51) 4-Methyl-2-Pentanone	10.343	43	2392	1.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.631	75	103376	55.93	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	103376	130.53	ug/l #	13

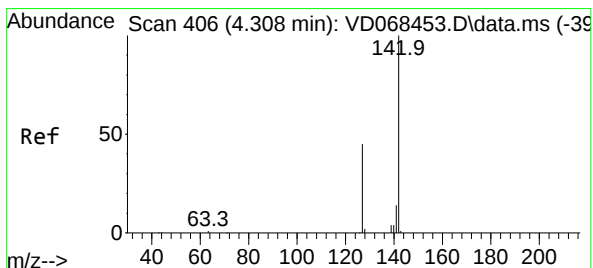
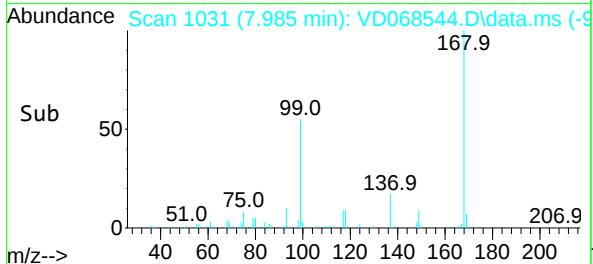
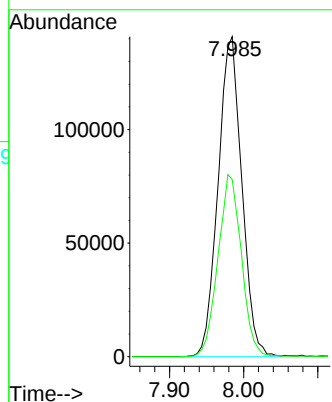
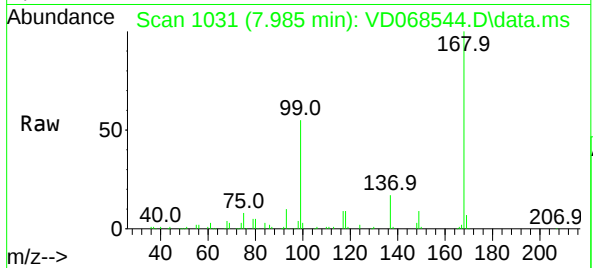
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

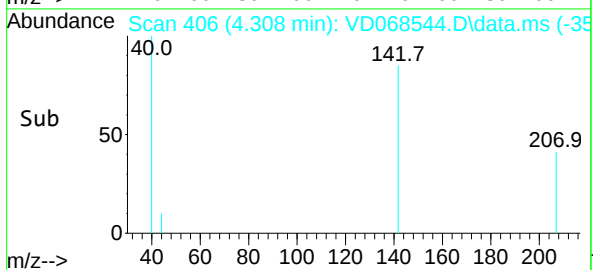
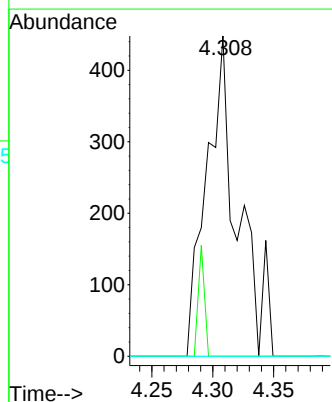
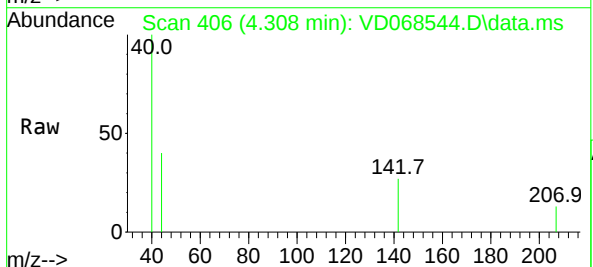
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-070

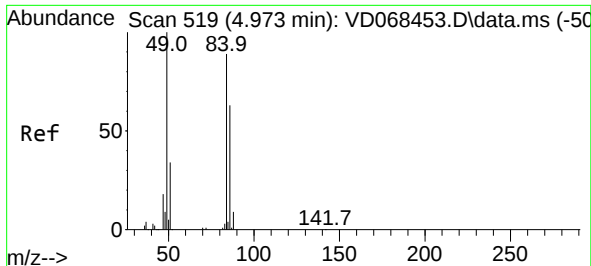
Tgt Ion:168 Resp: 313273
Ion Ratio Lower Upper
168 100
99 55.4 43.5 65.3



#10
Methyl Iodide
Concen: 2.82 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

Tgt Ion:142 Resp: 801
Ion Ratio Lower Upper
142 100
127 6.9 37.9 56.9#
141 0.0 11.5 17.3#

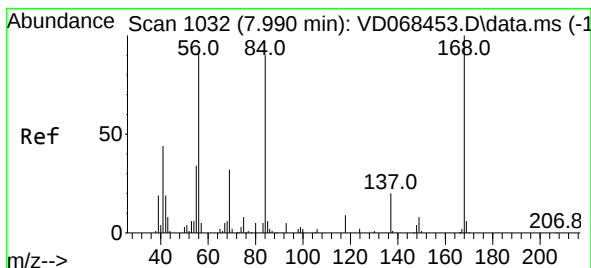
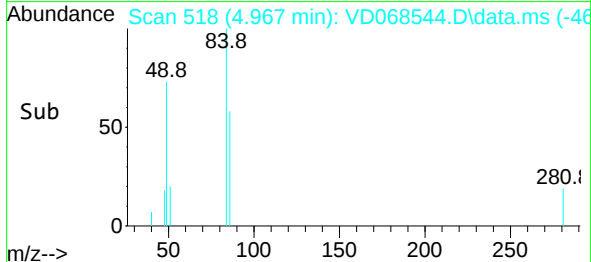
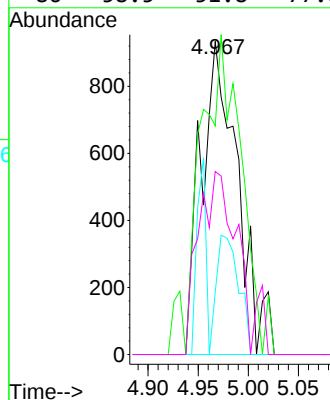
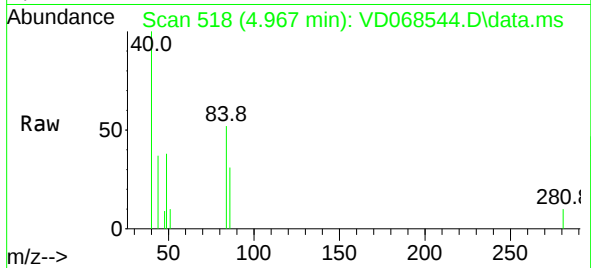




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

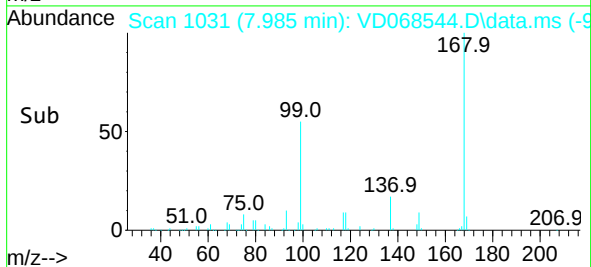
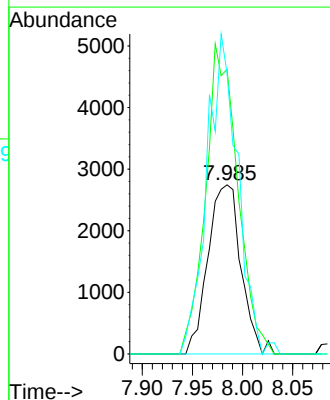
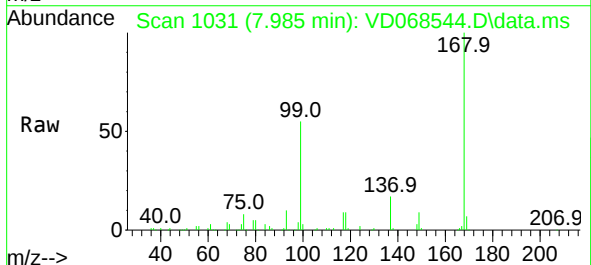
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-070

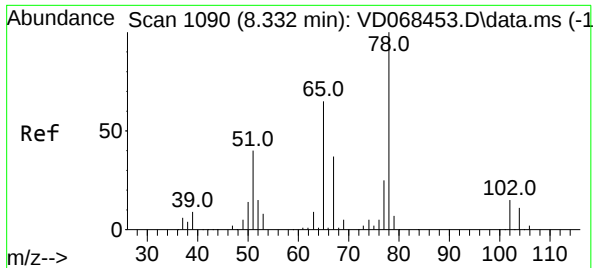
Tgt Ion:	84	Resp:	2380
Ion	Ratio	Lower	Upper
84	100		
49	73.0	77.4	116.2#
51	19.9	26.1	39.1#
86	58.5	51.8	77.8



#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

Tgt Ion:	56	Resp:	6287
Ion	Ratio	Lower	Upper
56	100		
69	168.5	30.1	45.1#
84	165.8	82.1	123.1#

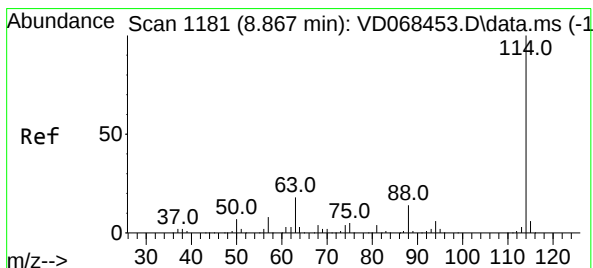
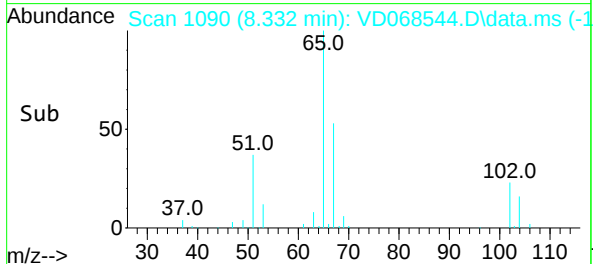
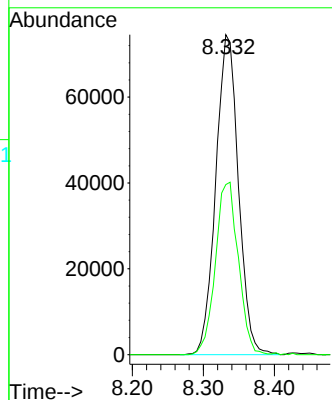
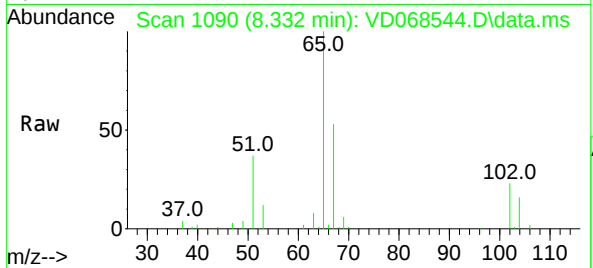




#33
1,2-Dichloroethane-d4
Concen: 52.65 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

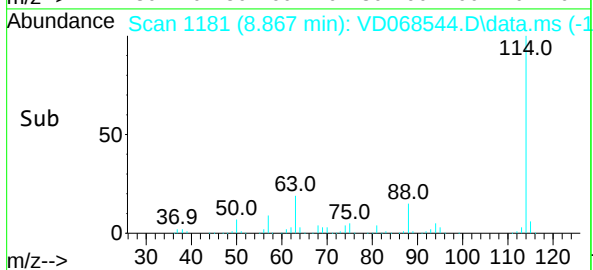
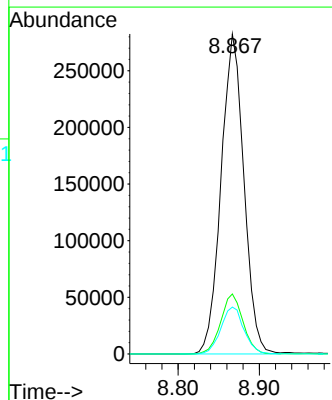
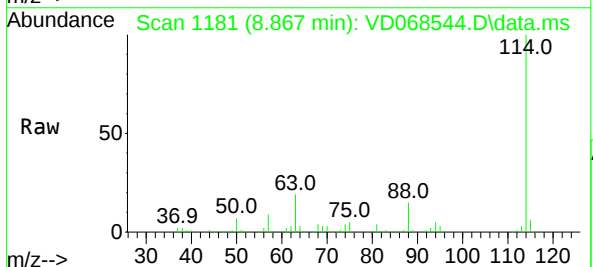
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-070

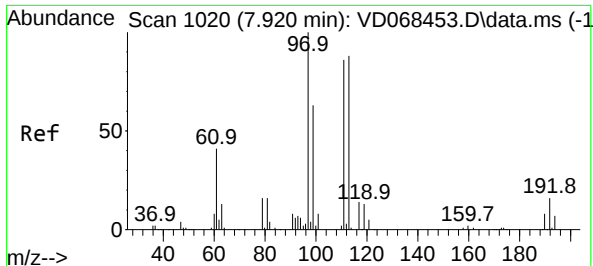
Tgt Ion: 65 Resp: 164803
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

Tgt Ion: 114 Resp: 551358
Ion Ratio Lower Upper
114 100
63 18.8 0.0 34.8
88 14.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.99 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068544.D

Acq: 05 Mar 2021 15:29

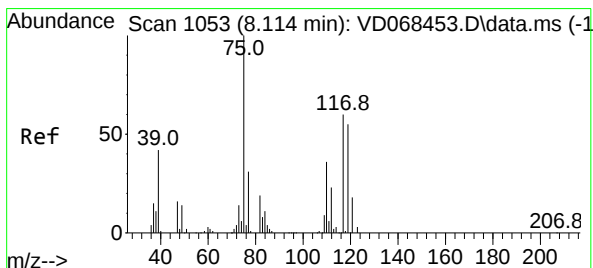
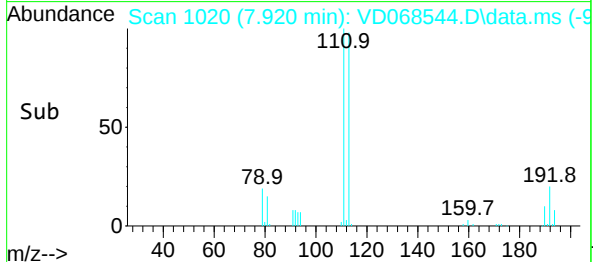
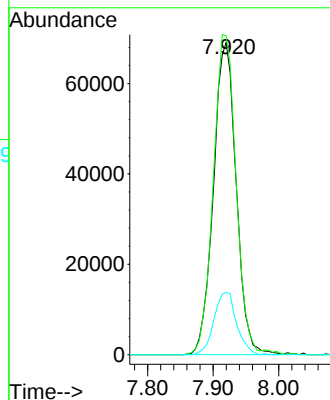
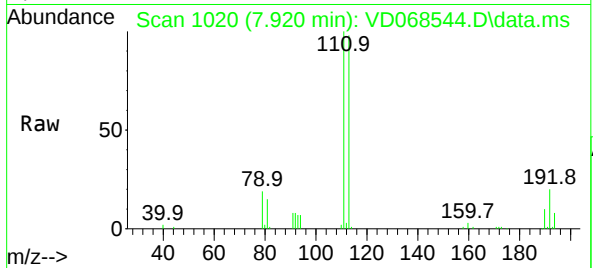
Tgt Ion:113 Resp: 166053

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 19.8 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.81 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068544.D

Acq: 05 Mar 2021 15:29

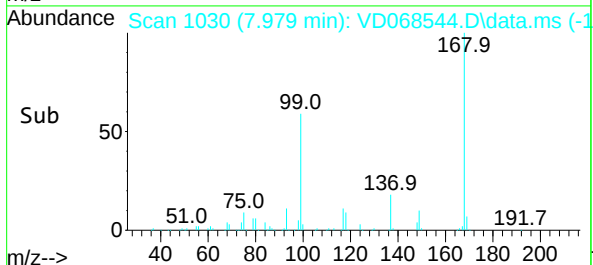
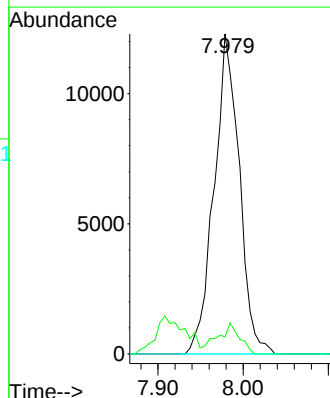
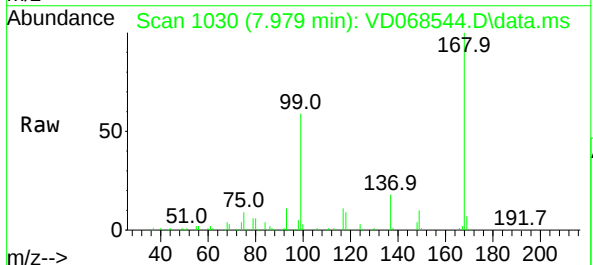
Tgt Ion: 75 Resp: 25232

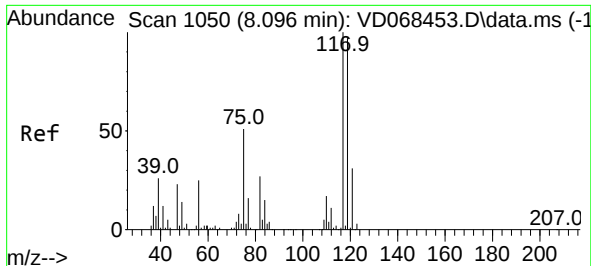
Ion Ratio Lower Upper

75 100

110 8.2 19.4 58.2#

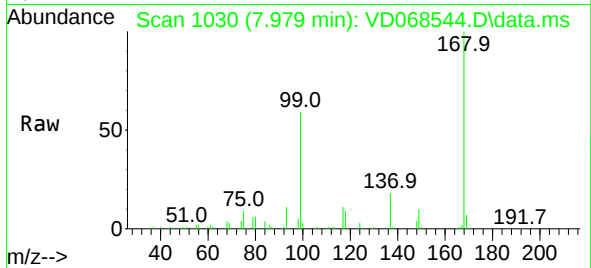
77 0.0 25.3 37.9#



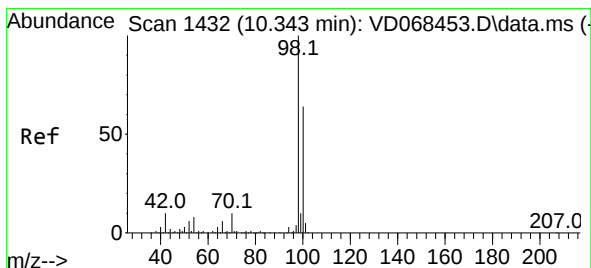
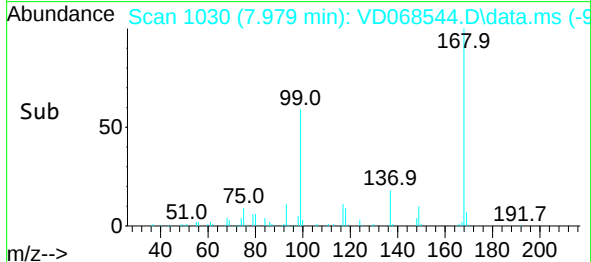
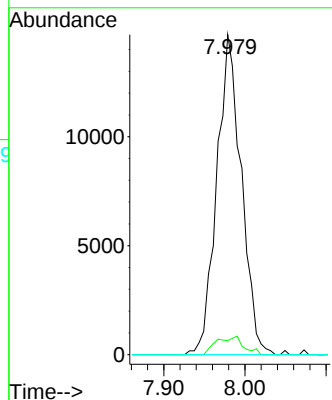


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

Instrument :
MSVOA_D
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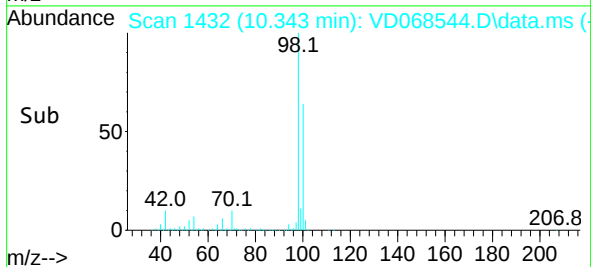
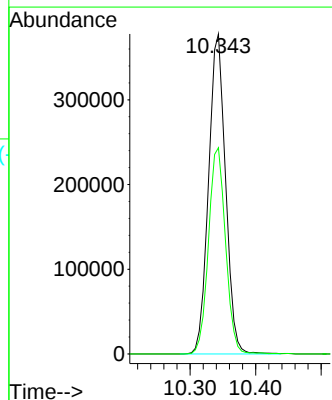
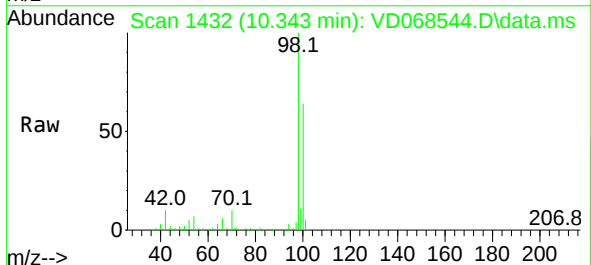


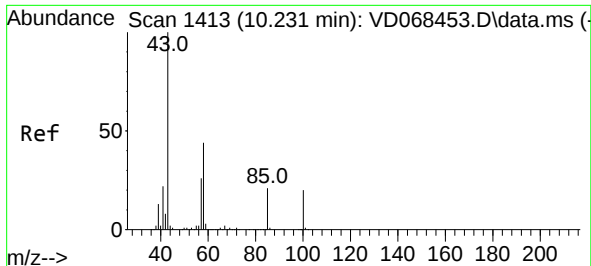
Tgt Ion:117 Resp: 30815
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.38 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

Tgt Ion: 98 Resp: 679782
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4

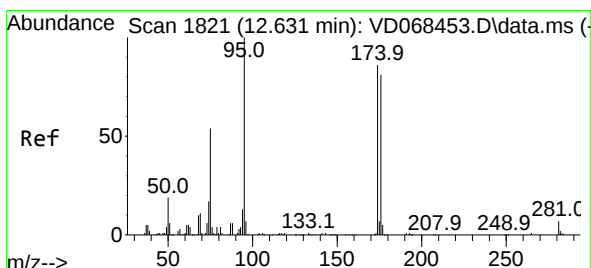
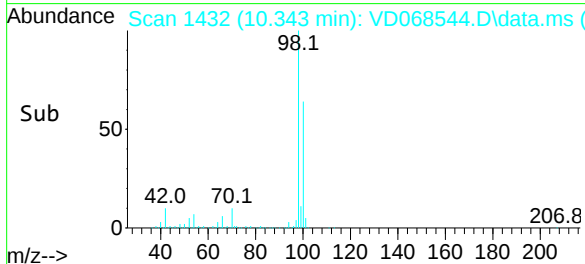
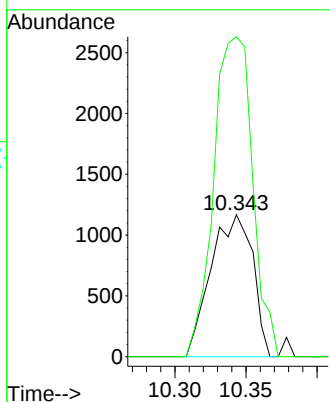
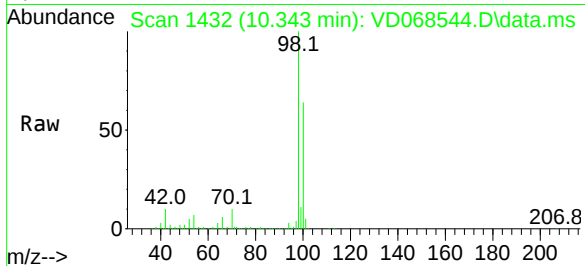




#51
4-Methyl-2-Pentanone
Concen: 1.43 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

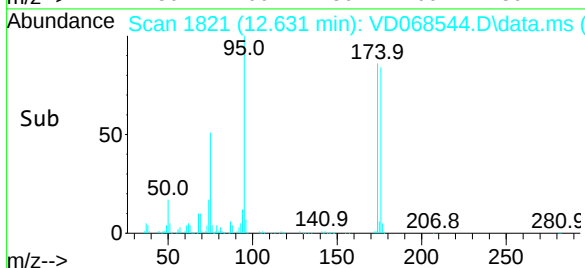
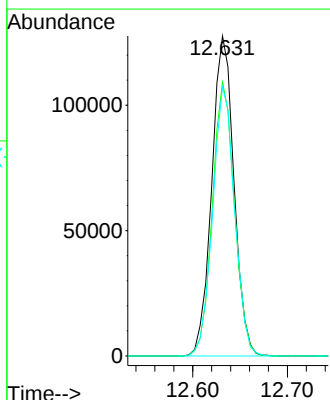
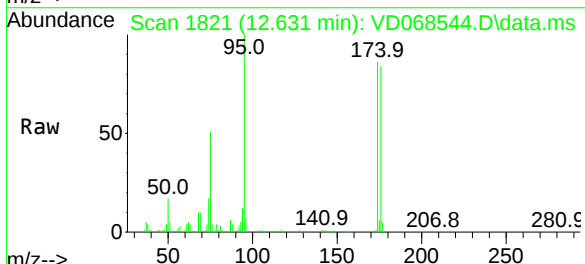
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ClientSampleId :
FK-PS-01-070

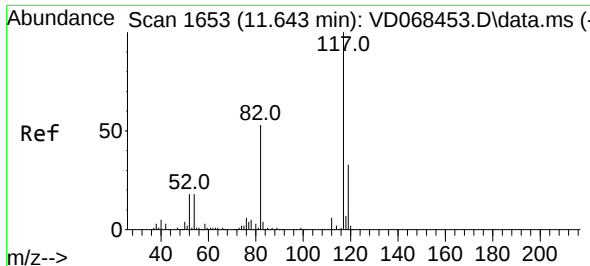
Tgt Ion: 43 Resp: 2392
Ion Ratio Lower Upper
43 100
58 209.9 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 48.71 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

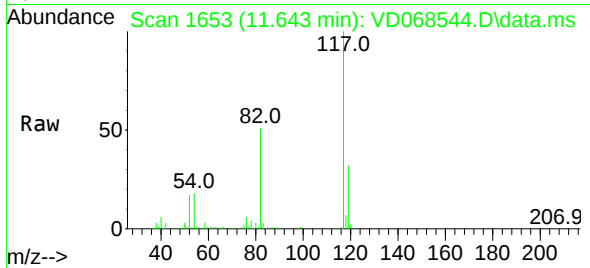
Tgt Ion: 95 Resp: 207682
Ion Ratio Lower Upper
95 100
174 85.0 0.0 172.4
176 83.3 0.0 168.4



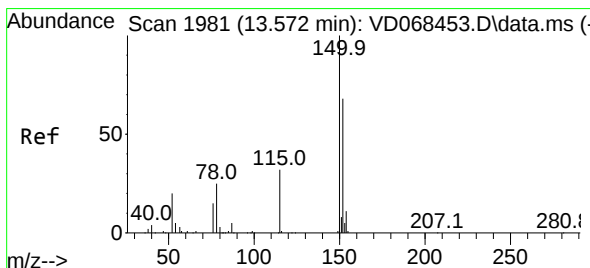
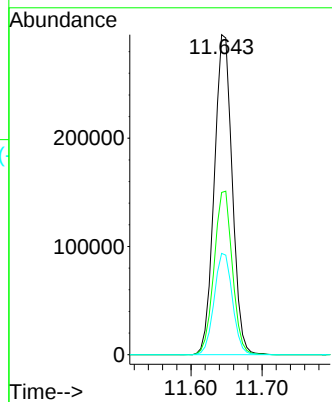
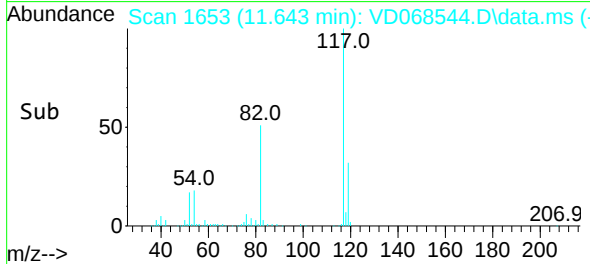


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

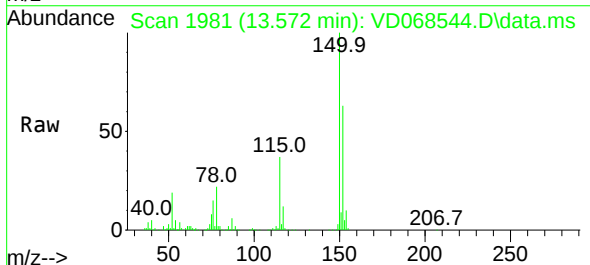
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MSVOA_D
ClientSampleId :
FK-PS-01-070



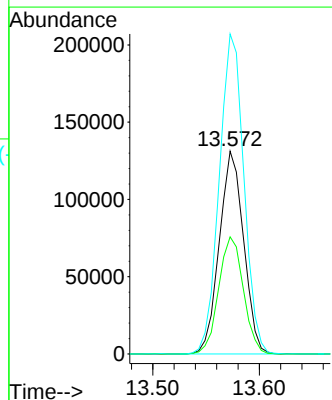
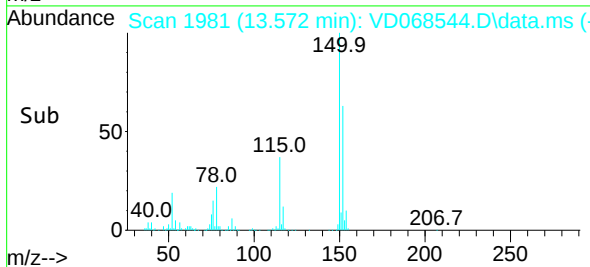
Tgt Ion:117 Resp: 516769
Ion Ratio Lower Upper
117 100
82 50.7 41.4 62.0
119 31.7 26.1 39.1

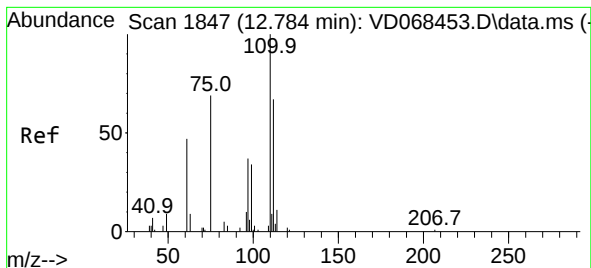


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.572 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29



Tgt Ion:152 Resp: 208189
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 159.6 0.0 344.4

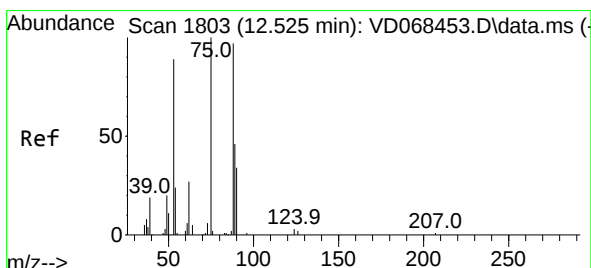
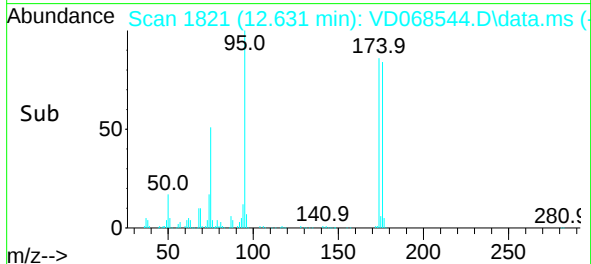
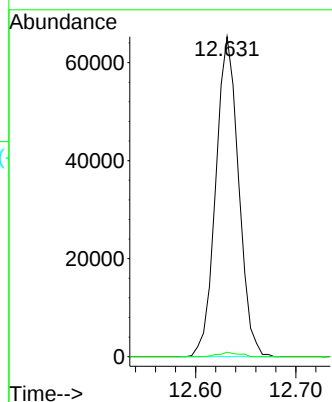
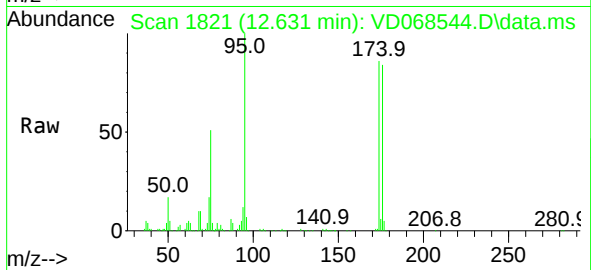




#76
1,2,3-Trichloropropane
Concen: 55.93 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-070

Tgt Ion: 75 Resp: 103376
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.53 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

Tgt Ion: 75 Resp: 103376
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

