

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070153.D
 Acq On : 19 Aug 2021 05:15
 Operator : VA/SY
 Sample : M3418-07
 Misc : 7.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2021-08-12-FD-03

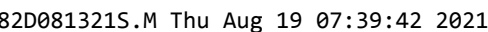
Quant Time: Aug 19 07:39:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

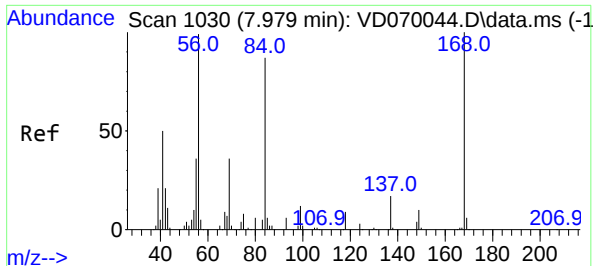
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	460037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	885511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	784010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	256479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	318469	58.858	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.720%	
35) Dibromofluoromethane	7.908	113	306583	53.589	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.180%	
50) Toluene-d8	10.332	98	1105884	49.699	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.626	95	300229	40.964	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.920%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	286	Below Cal	#	42
3) Chloromethane	2.203	50	1340	Below Cal	#	85
5) Bromomethane	2.773	94	2163	Below Cal	#	79
11) Tert butyl alcohol	5.226	59	692	2.314	ug/l #	71
16) Acetone	4.156	43	134956	135.396	ug/l	91
17) Carbon Disulfide	4.409	76	47645	2.411	ug/l	98
20) Methylene Chloride	4.967	84	3053	Below Cal	#	73
25) 2-Butanone	7.214	43	50375	36.986	ug/l	99
31) Cyclohexane	7.979	56	11236	1.049	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	42491	4.460	ug/l #	49
37) Ethyl Acetate	7.214	43	50375	14.559	ug/l #	69
38) Carbon Tetrachloride	7.973	117	47008	5.435	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	145692	56.013	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	145692	145.389	ug/l #	18

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

Quant Time: Aug 19 07:39:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

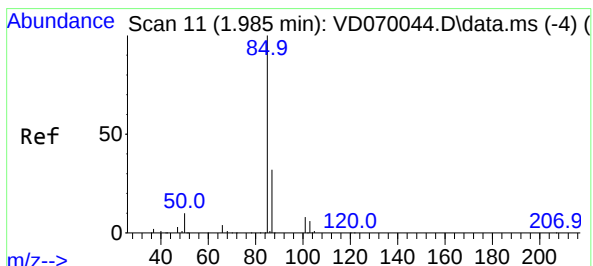
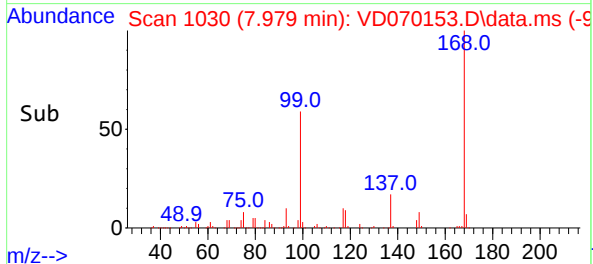
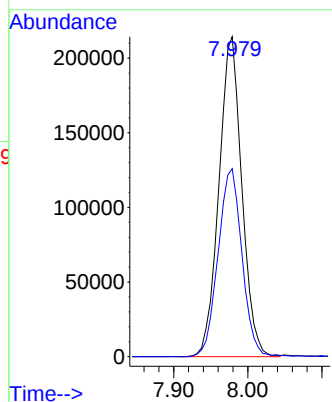
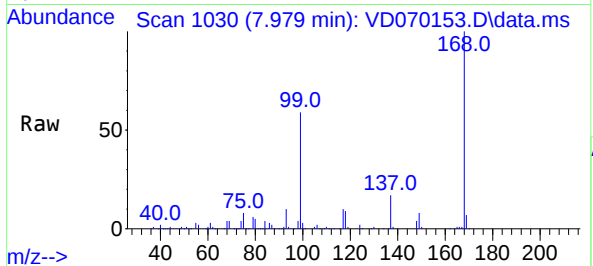




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

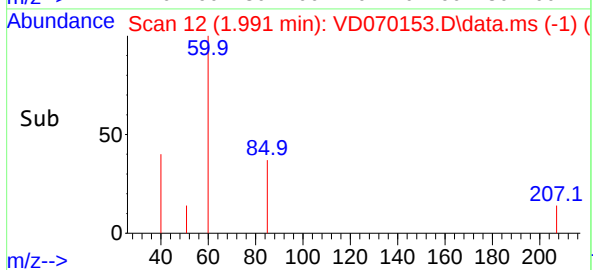
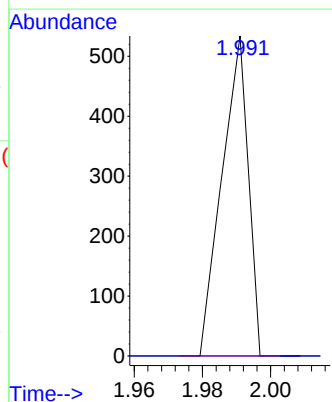
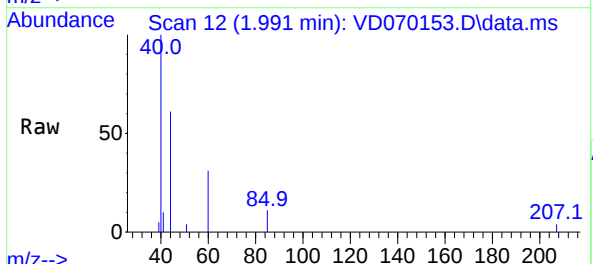
Instrument :
MSVOA_D
ClientSampleId :
2021-08-12-FD-03

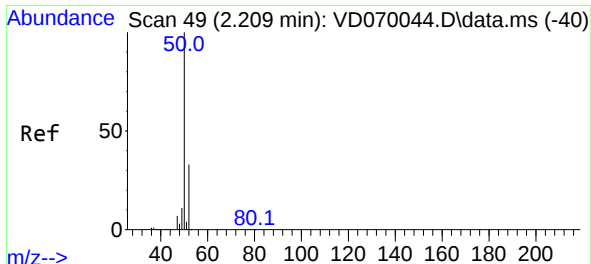
Tgt Ion:168 Resp: 460037
Ion Ratio Lower Upper
168 100
99 58.7 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

Tgt Ion: 85 Resp: 286
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

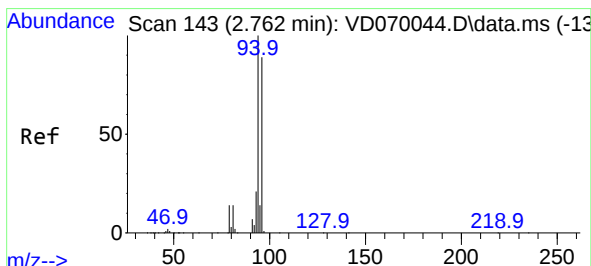
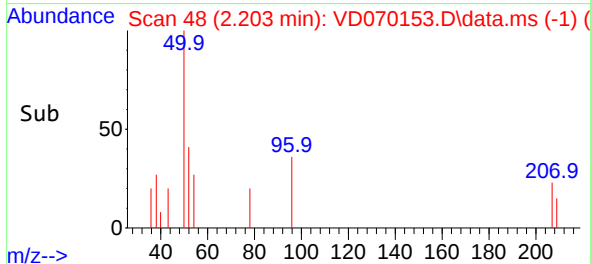
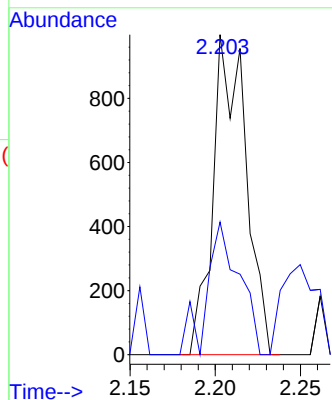
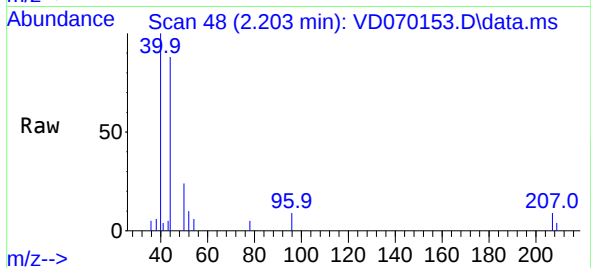




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

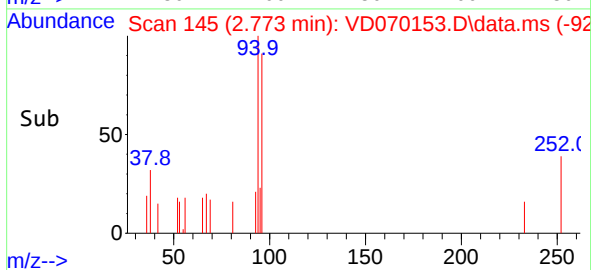
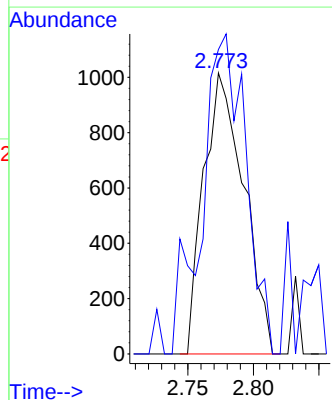
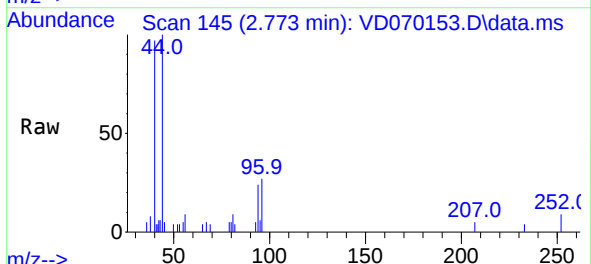
Instrument :
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ClientSampleId :
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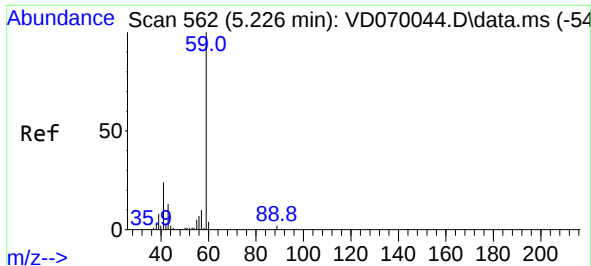
Tgt Ion: 50 Resp: 1340
Ion Ratio Lower Upper
50 100
52 41.4 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

Tgt Ion: 94 Resp: 2163
Ion Ratio Lower Upper
94 100
96 108.4 70.9 106.3#

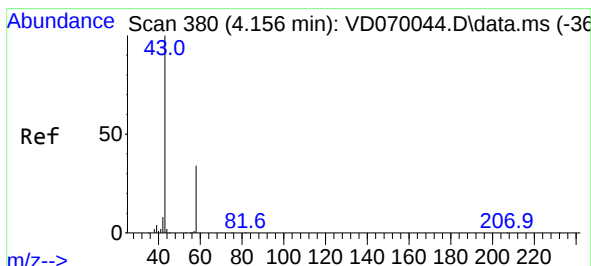
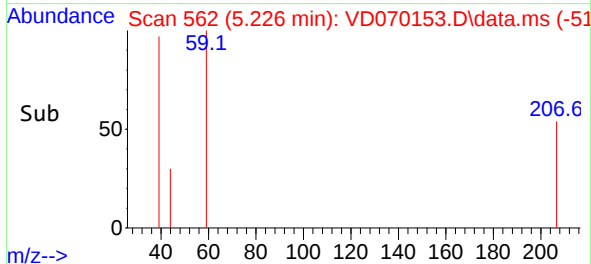
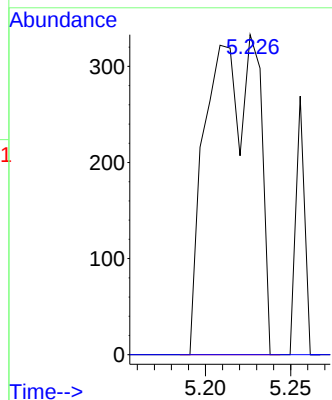
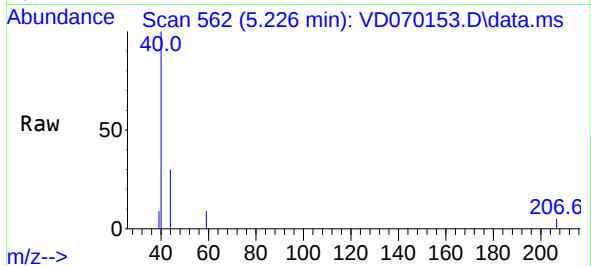




#11
Tert butyl alcohol
Concen: 2.314 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

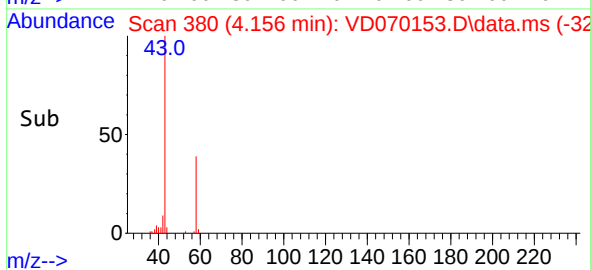
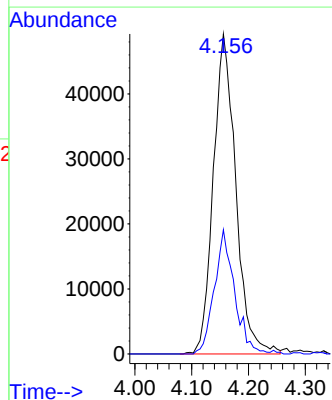
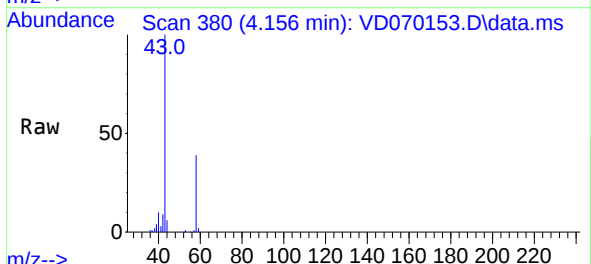
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ClientSampleId :
2021-08-12-FD-03

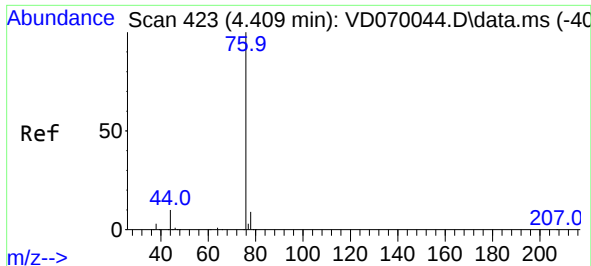
Tgt Ion: 59 Resp: 692
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 135.396 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

Tgt Ion: 43 Resp: 134956
Ion Ratio Lower Upper
43 100
58 38.8 26.8 40.2

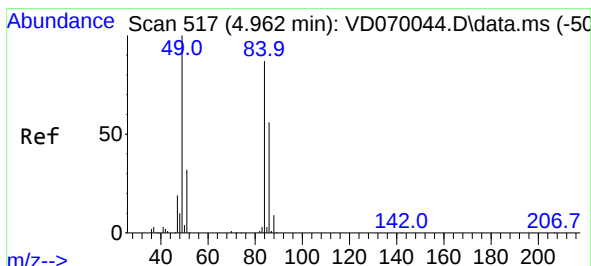
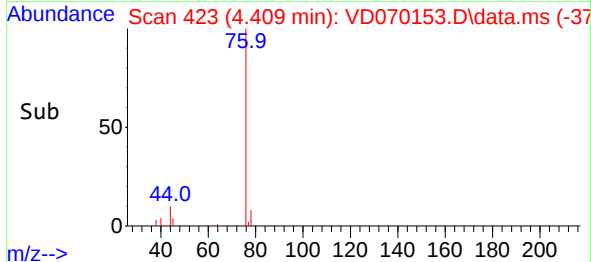
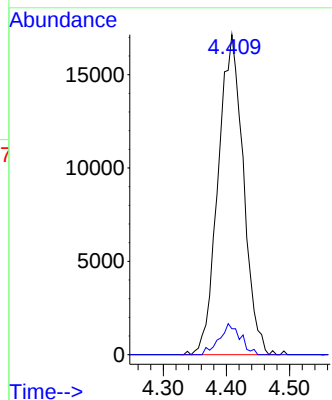
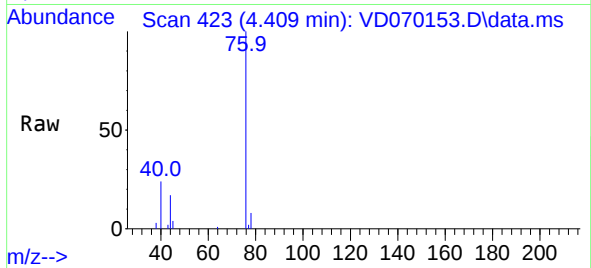




#17
Carbon Disulfide
Concen: 2.411 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

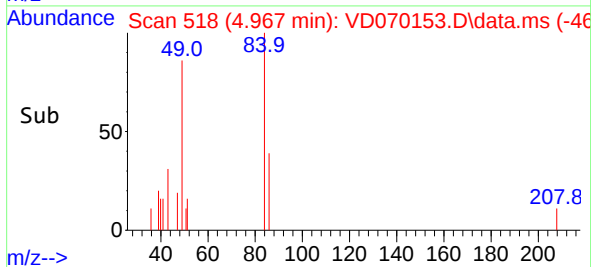
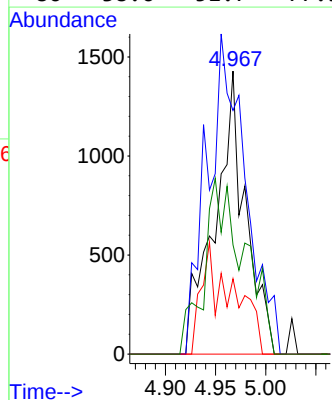
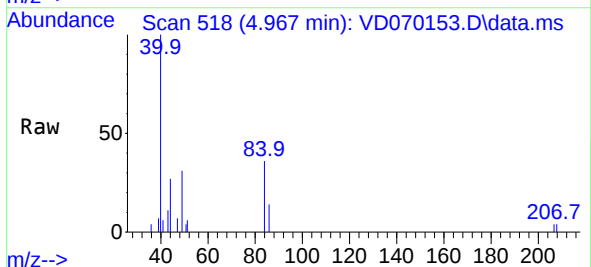
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ClientSampleId :
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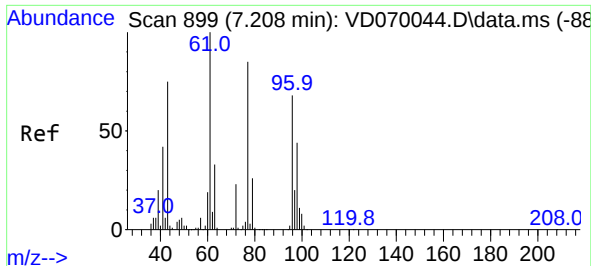
Tgt Ion: 76 Resp: 47645
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

Tgt Ion: 84 Resp: 3053
Ion Ratio Lower Upper
84 100
49 86.1 92.5 138.7#
51 26.6 29.7 44.5#
86 38.6 51.7 77.5#

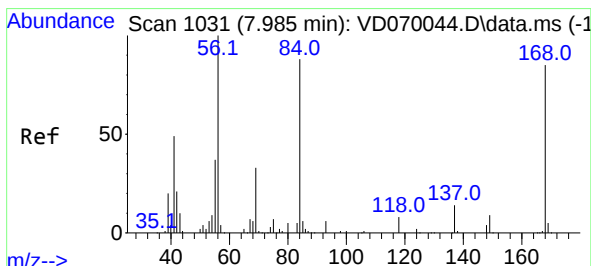
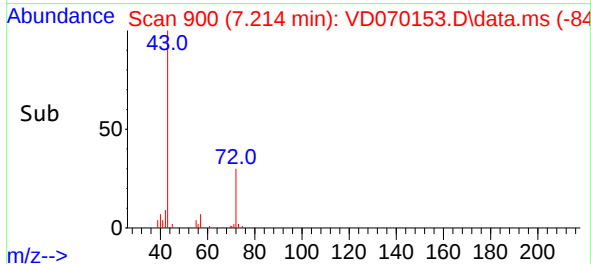
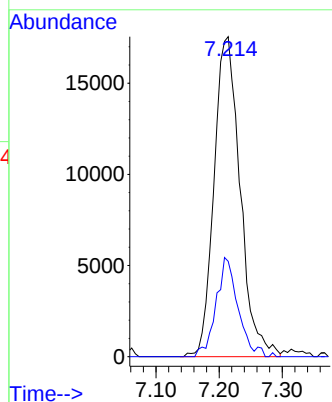
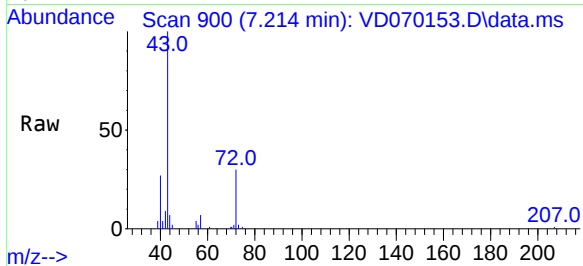




#25
2-Butanone
Concen: 36.986 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

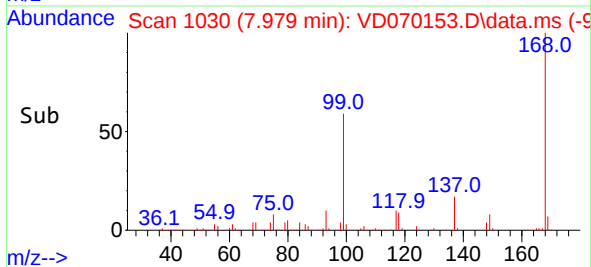
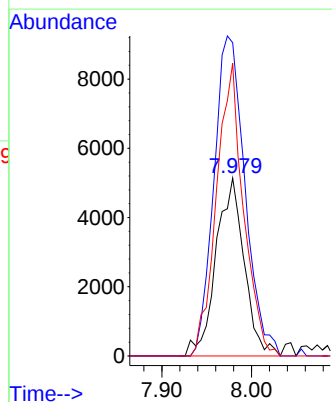
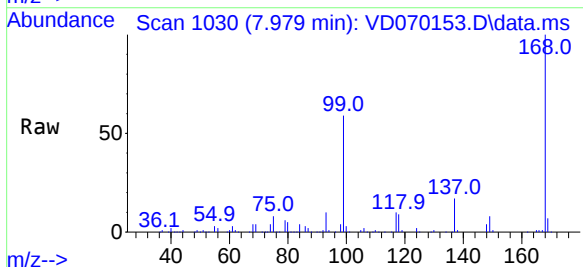
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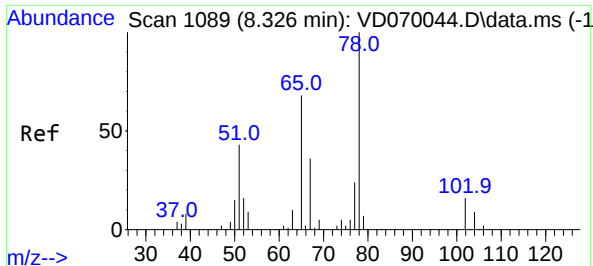
Tgt Ion: 43 Resp: 50375
Ion Ratio Lower Upper
43 100
72 29.8 24.2 36.4



#31
Cyclohexane
Concen: 1.049 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

Tgt Ion: 56 Resp: 11236
Ion Ratio Lower Upper
56 100
69 176.1 26.7 40.1#
84 164.6 70.4 105.6#

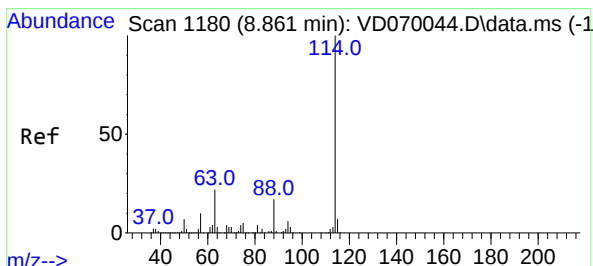
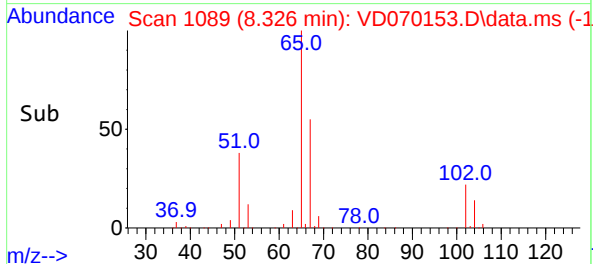
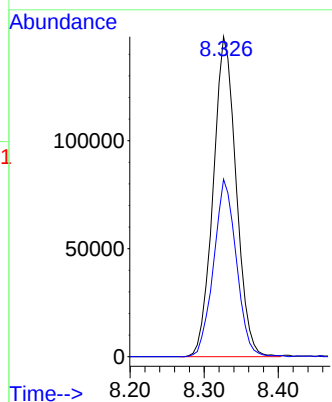
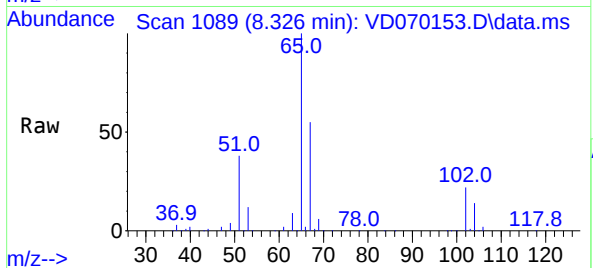




#33
1,2-Dichloroethane-d4
Concen: 58.858 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

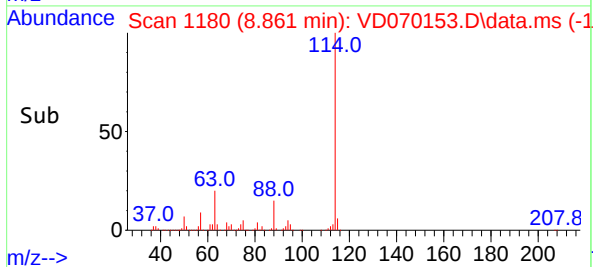
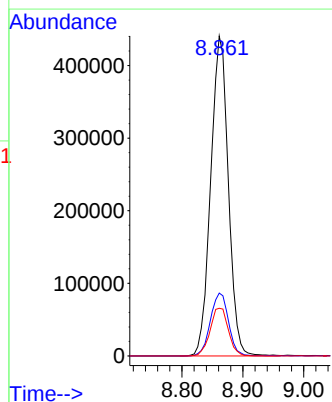
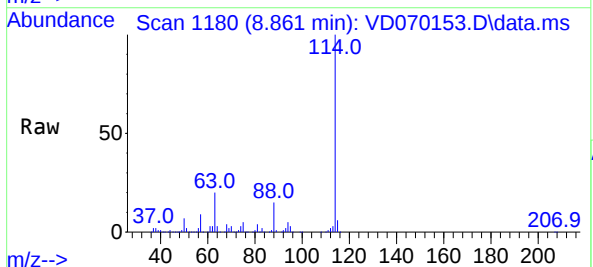
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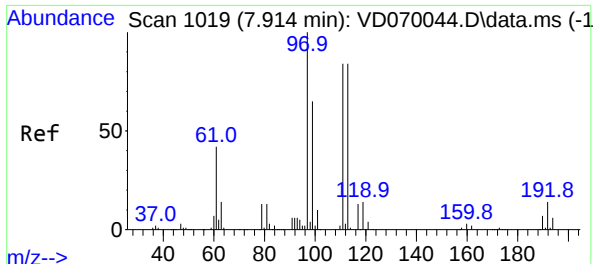
Tgt Ion: 65 Resp: 318469
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

Tgt Ion:114 Resp: 885511
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.6
88 14.9 0.0 33.4

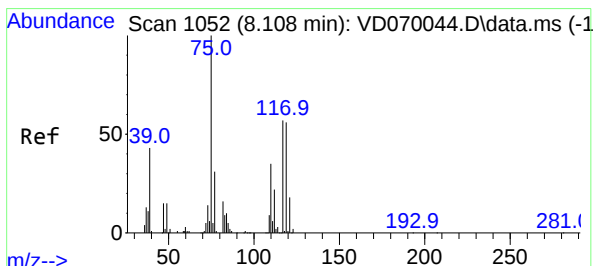
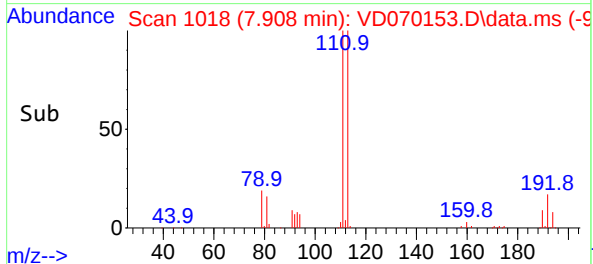
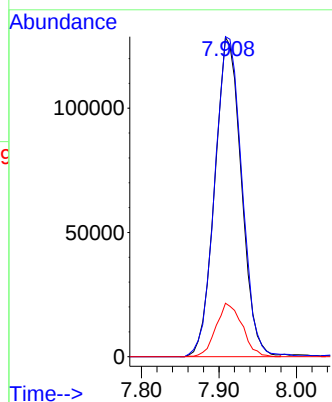
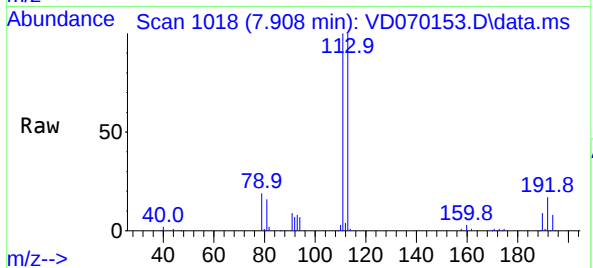




#35
Dibromofluoromethane
Concen: 53.589 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

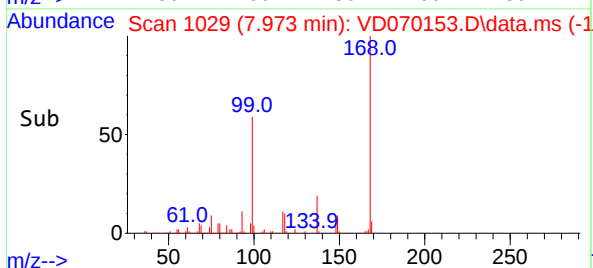
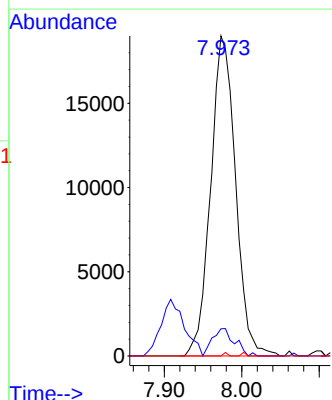
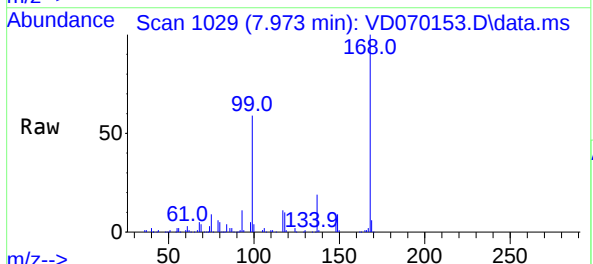
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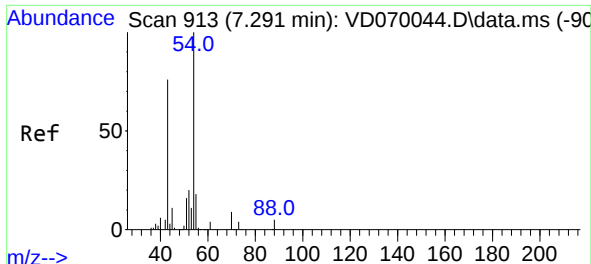
Tgt Ion:113 Resp: 306583
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 16.5 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.460 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

Tgt Ion: 75 Resp: 42491
Ion Ratio Lower Upper
75 100
110 7.6 16.9 50.7#
77 0.2 25.2 37.8#





#37

Ethyl Acetate

Concen: 14.559 ug/l

RT: 7.214 min Scan# 900

Delta R.T. -0.077 min

Lab File: VD070153.D

Acq: 19 Aug 2021 05:15

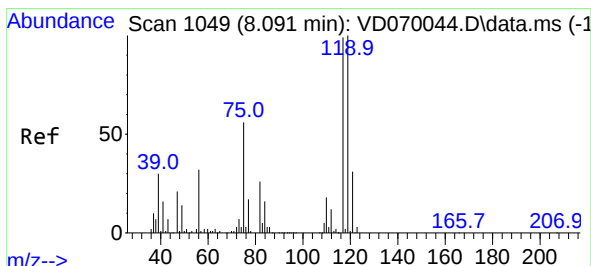
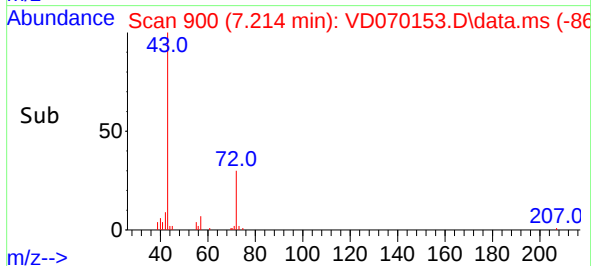
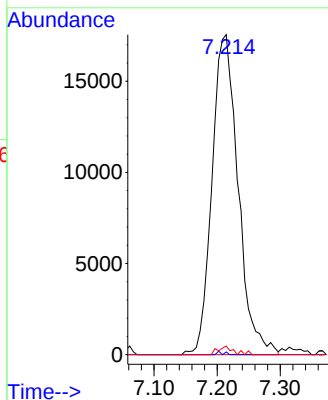
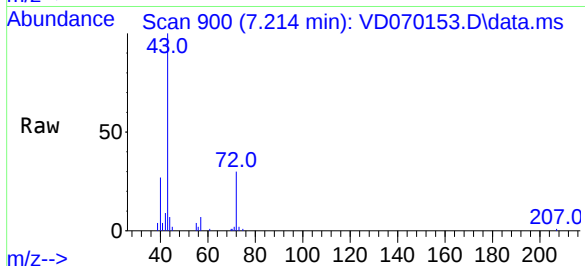
Instrument :

MSVOA_D

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2021-08-12-FD-03

Tgt Ion:	43	Resp:	50375
Ion	Ratio	Lower	Upper
43	100		
61	0.2	11.8	17.6#
70	1.3	9.0	13.6#



#38

Carbon Tetrachloride

Concen: 5.435 ug/l

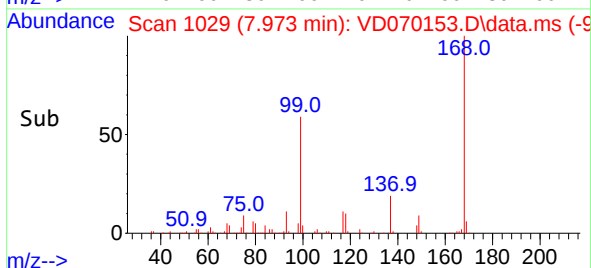
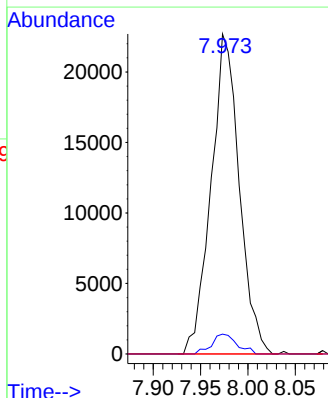
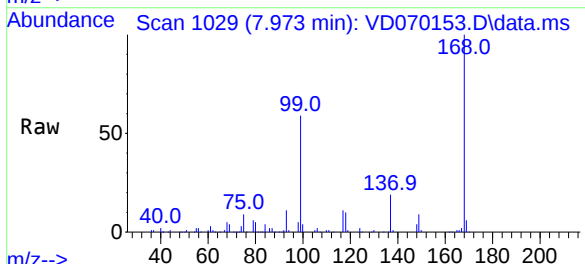
RT: 7.973 min Scan# 1029

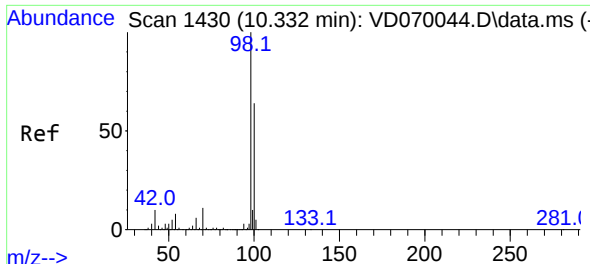
Delta R.T. -0.118 min

Lab File: VD070153.D

Acq: 19 Aug 2021 05:15

Tgt Ion:	117	Resp:	47008
Ion	Ratio	Lower	Upper
117	100		
119	6.2	81.0	121.6#
121	0.0	25.0	37.6#

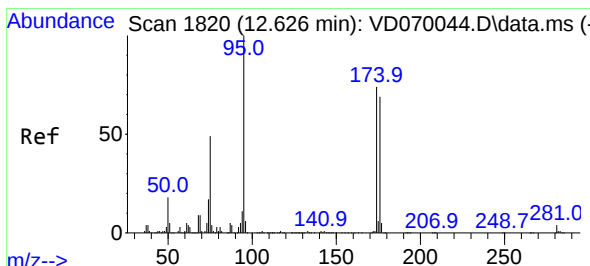
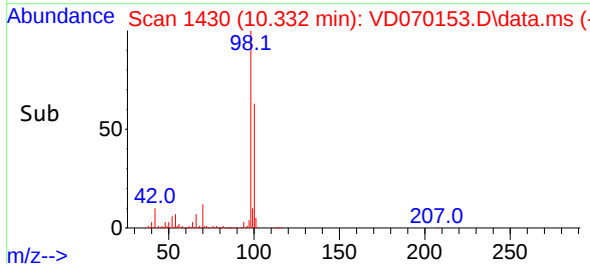
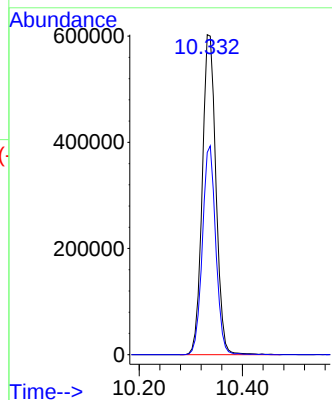
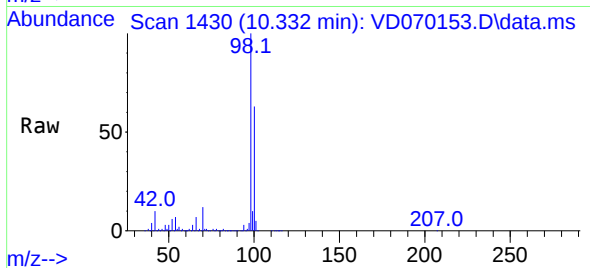




#50
Toluene-d8
Concen: 49.699 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

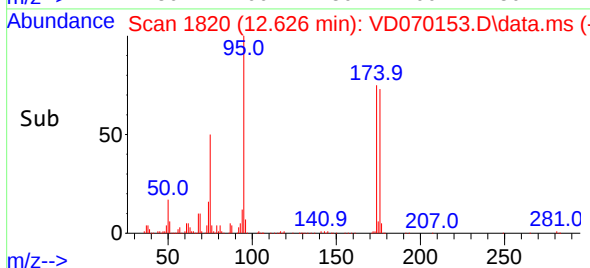
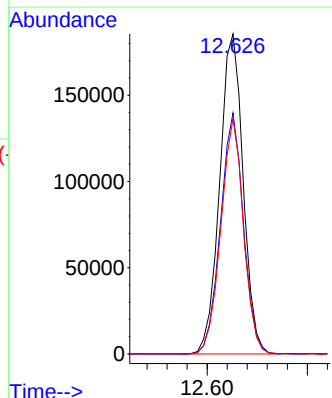
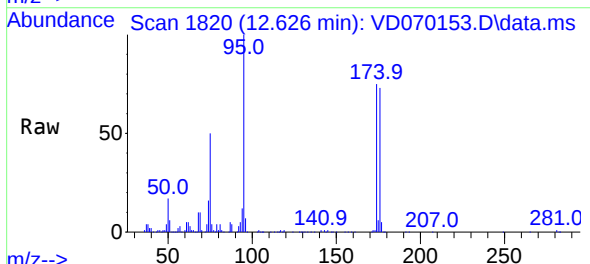
Instrument :
MSVOA_D
ClientSampleId :
2021-08-12-FD-03

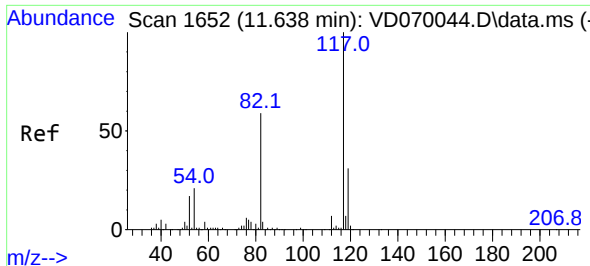
Tgt Ion: 98 Resp: 1105884
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 40.964 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

Tgt Ion: 95 Resp: 300229
Ion Ratio Lower Upper
95 100
174 74.0 0.0 141.6
176 70.8 0.0 138.2

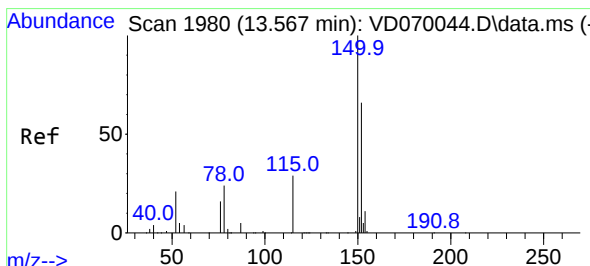
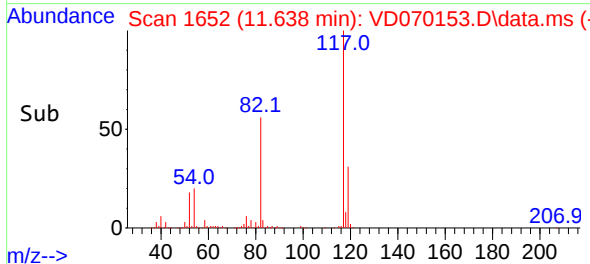
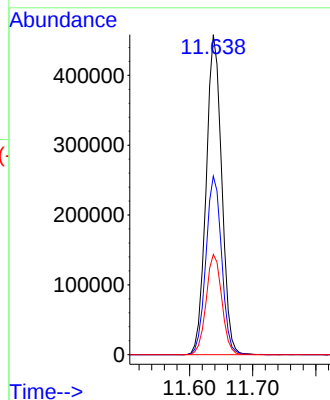
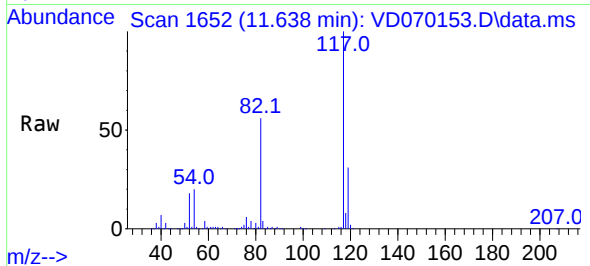




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

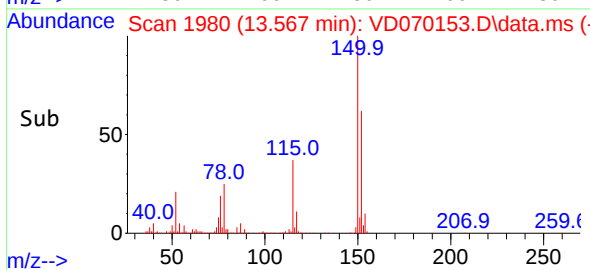
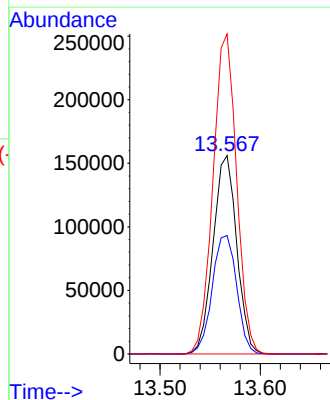
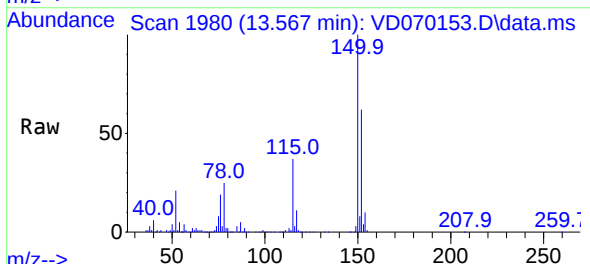
Instrument :
MSVOA_D
ClientSampleId :
2021-08-12-FD-03

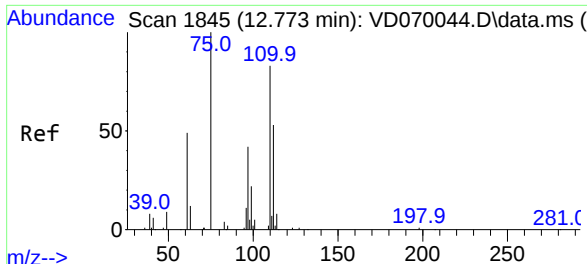
Tgt Ion:117 Resp: 784010
Ion Ratio Lower Upper
117 100
82 55.8 47.5 71.3
119 31.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

Tgt Ion:152 Resp: 256479
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 160.3 0.0 352.0

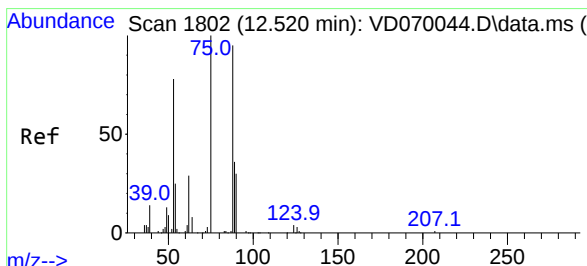
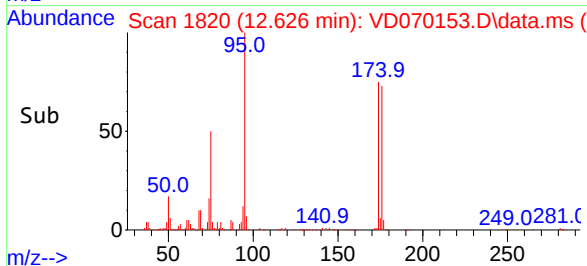
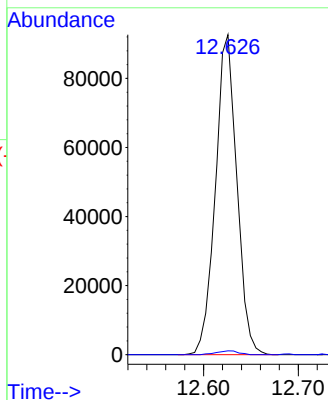
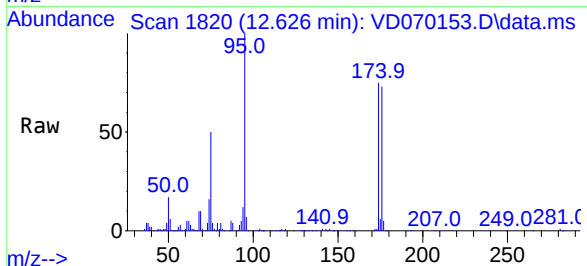




#76
1,2,3-Trichloropropane
Concen: 56.013 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

Instrument :
MSVOA_D
ClientSampleId :
2021-08-12-FD-03

Tgt Ion: 75 Resp: 145692
Ion Ratio Lower Upper
75 100
77 1.2 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.389 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

Tgt Ion: 75 Resp: 145692
Ion Ratio Lower Upper
75 100
53 0.4 64.5 96.7#
89 0.0 33.7 50.5#

