

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072053.D
 Acq On : 22 Feb 2022 13:14
 Operator : VA/SY
 Sample : N1626-16
 Misc : 6.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 23 05:30:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

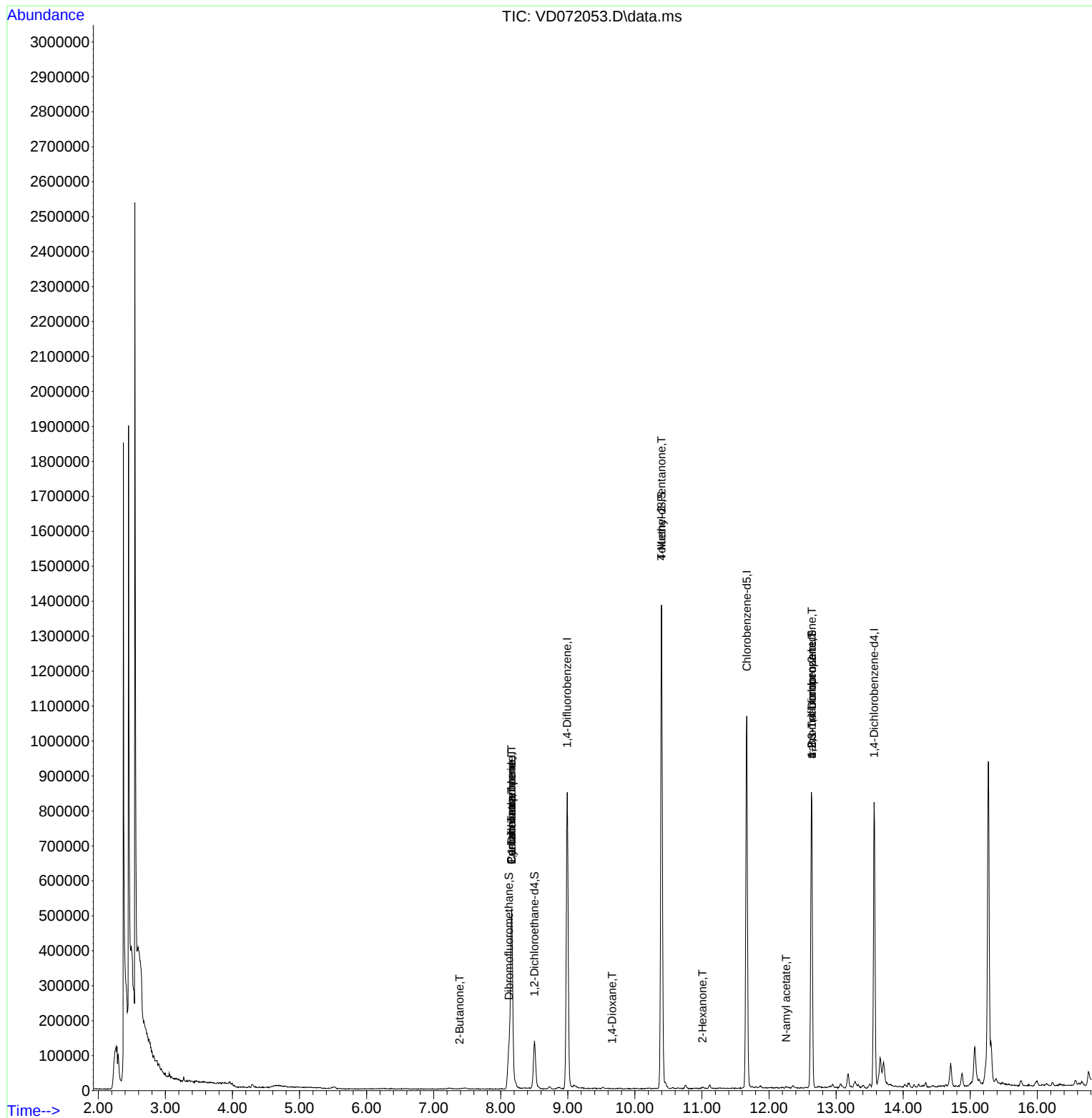
Internal Standards						
1) Pentafluorobenzene	8.161	168	388196	50.000	ug/l	0.19
34) 1,4-Difluorobenzene	8.991	114	710473	50.000	ug/l	0.13
63) Chlorobenzene-d5	11.667	117	610713	50.000	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.567	152	217004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.503	65	115299	28.633	ug/l	0.18
Spiked Amount 50.000	Range 50 - 163		Recovery =	57.260%		
35) Dibromofluoromethane	8.120	113	92157	21.409	ug/l	0.21
Spiked Amount 50.000	Range 54 - 147		Recovery =	42.820%#		
50) Toluene-d8	10.397	98	906802	56.806	ug/l	0.06
Spiked Amount 50.000	Range 49 - 140		Recovery =	113.620%		
62) 4-Bromofluorobenzene	12.638	95	247679	42.240	ug/l	0.02
Spiked Amount 50.000	Range 25 - 144		Recovery =	84.480%		
Target Compounds						
5) Bromomethane	2.838	94	256	Below Cal	#	2
18) Methyl Acetate	4.844	43	294	Below Cal	#	52
25) 2-Butanone	7.385	43	1408	1.171	ug/l #	50
31) Cyclohexane	8.161	56	9156	1.287	ug/l #	1
36) 1,1-Dichloropropene	8.161	75	31907	4.893	ug/l #	49
38) Carbon Tetrachloride	8.161	117	41824	6.258	ug/l #	15
49) 1,4-Dioxane	9.661	88	62	2.018	ug/l #	20
51) 4-Methyl-2-Pentanone	10.397	43	4522	1.515	ug/l #	1
59) 2-Hexanone	11.008	43	2860	1.405	ug/l	92
74) N-amyl acetate	12.255	43	3901	1.084	ug/l #	52
76) 1,2,3-Trichloropropane	12.638	75	131150	63.804	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.638	75	131150	159.779	ug/l #	10

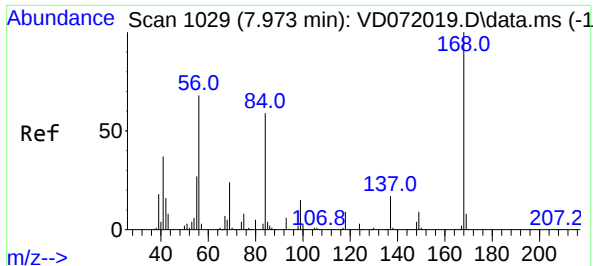
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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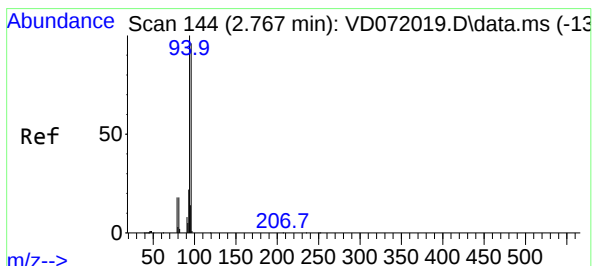
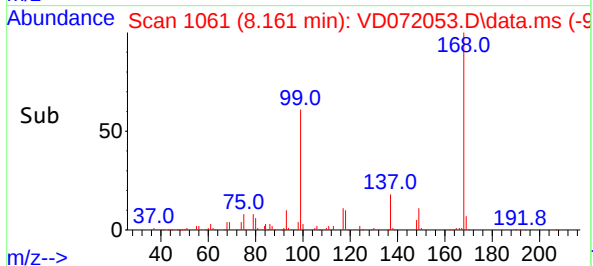
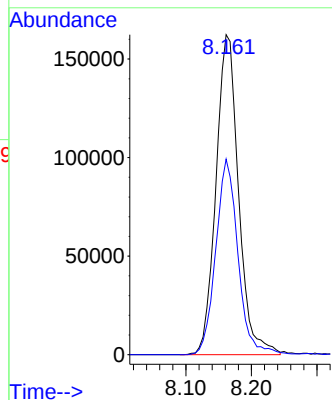
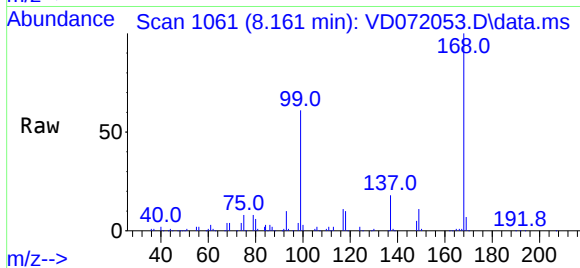




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.161 min Scan# 10
Delta R.T. 0.188 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

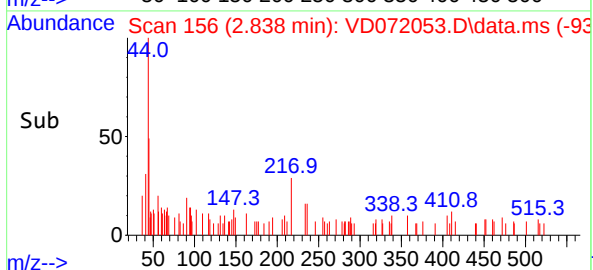
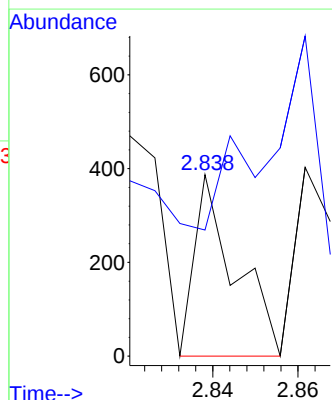
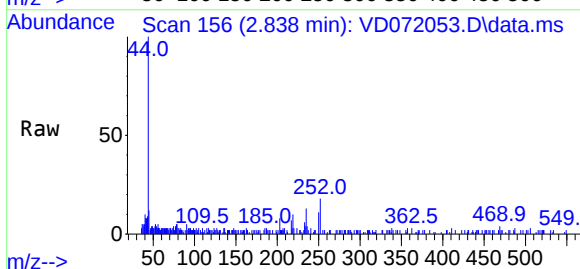
Instrument :
MSVOA_D
ClientSampleId :

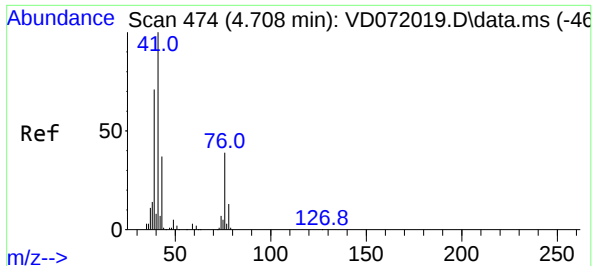
Tgt Ion:168 Resp: 388196
Ion Ratio Lower Upper
168 100
99 61.1 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.838 min Scan# 156
Delta R.T. 0.071 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 0.0 76.8 115.2#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.844 min Scan# 497

Delta R.T. 0.136 min

Lab File: VD072053.D

Acq: 22 Feb 2022 13:14

Instrument :

MSVOA_D

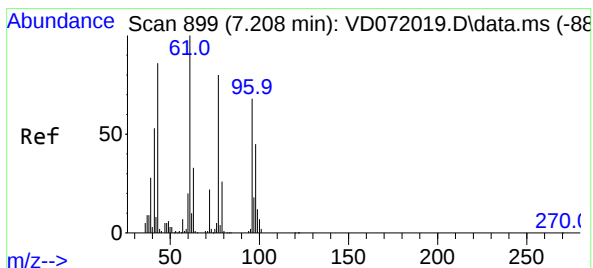
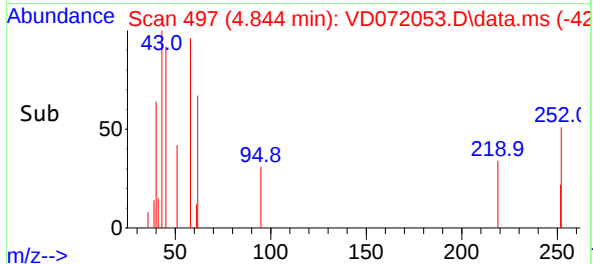
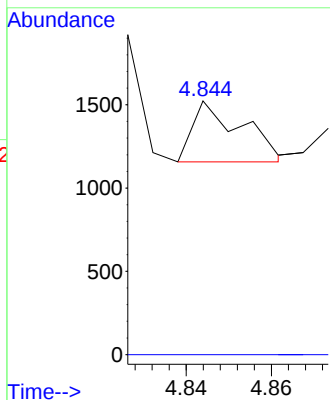
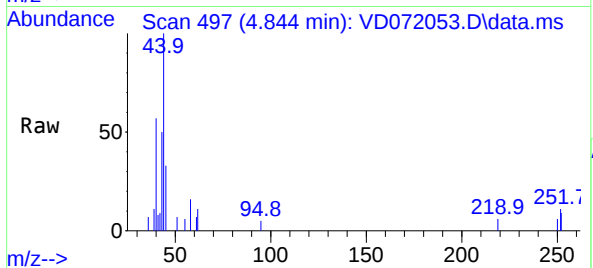
ClientSampleId :

Tgt Ion: 43 Resp: 294

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



#25

2-Butanone

Concen: 1.171 ug/l

RT: 7.385 min Scan# 929

Delta R.T. 0.177 min

Lab File: VD072053.D

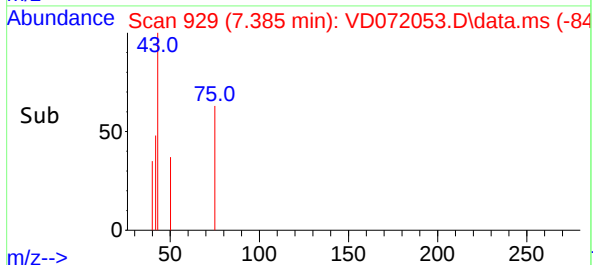
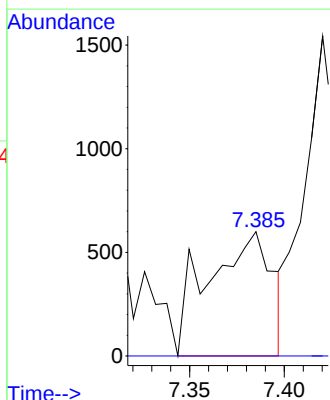
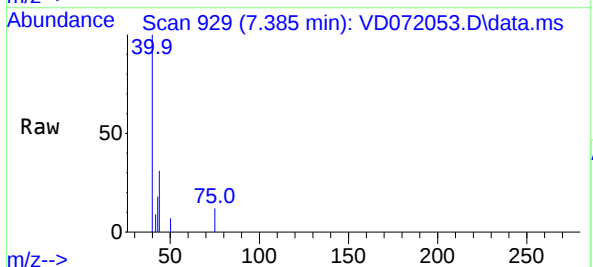
Acq: 22 Feb 2022 13:14

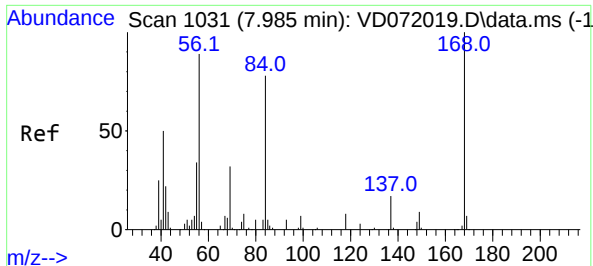
Tgt Ion: 43 Resp: 1408

Ion Ratio Lower Upper

43 100

72 0.0 20.3 30.5#

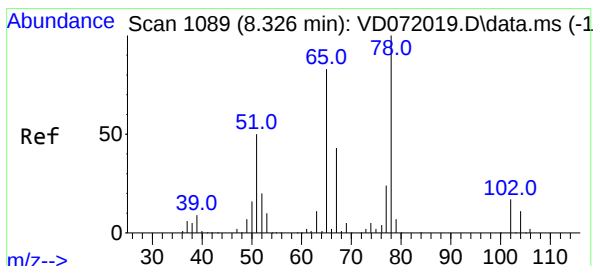
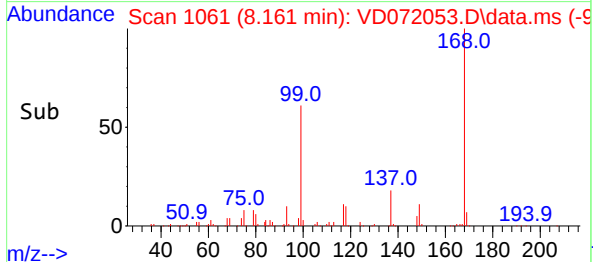
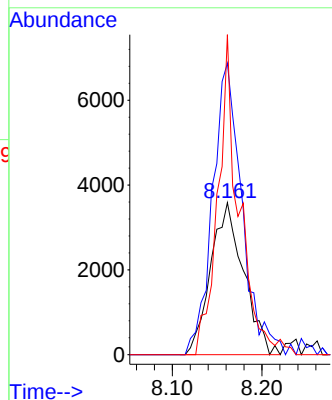
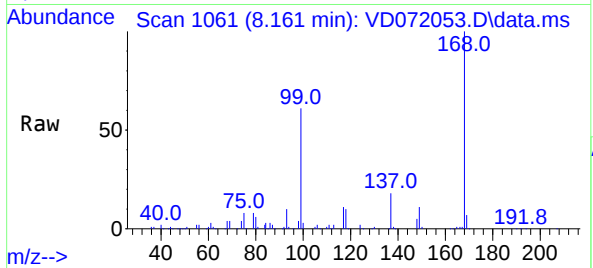




#31
Cyclohexane
Concen: 1.287 ug/l
RT: 8.161 min Scan# 1119
Delta R.T. 0.177 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

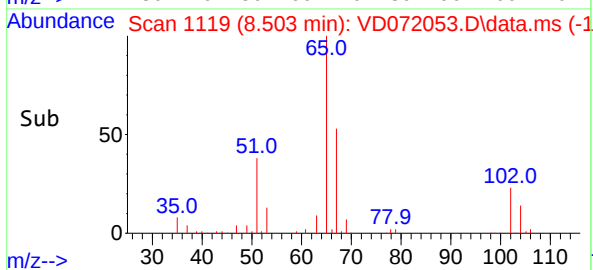
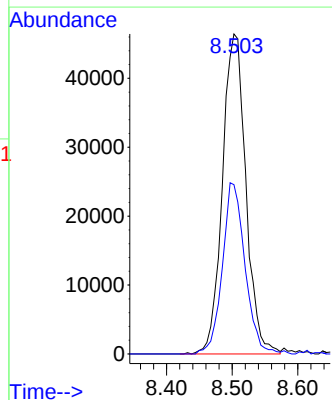
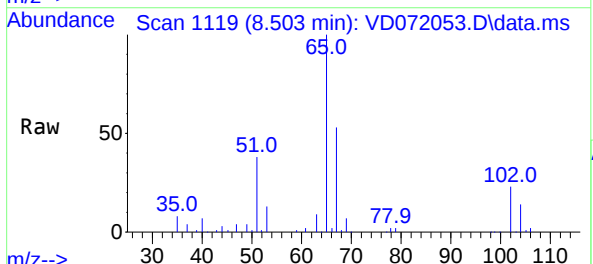
Instrument :
MSVOA_D
ClientSampleId :

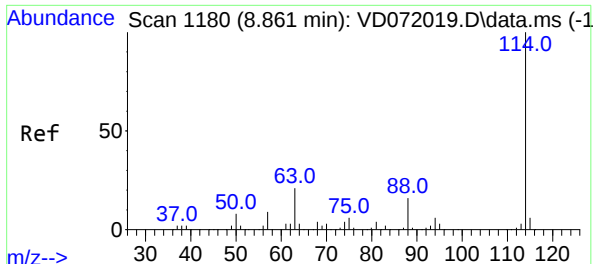
Tgt Ion: 56 Resp: 9156
Ion Ratio Lower Upper
56 100
69 191.7 28.9 43.3#
84 210.4 70.6 105.8#



#33
1,2-Dichloroethane-d4
Concen: 28.633 ug/l
RT: 8.503 min Scan# 1119
Delta R.T. 0.177 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

Tgt Ion: 65 Resp: 115299
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6

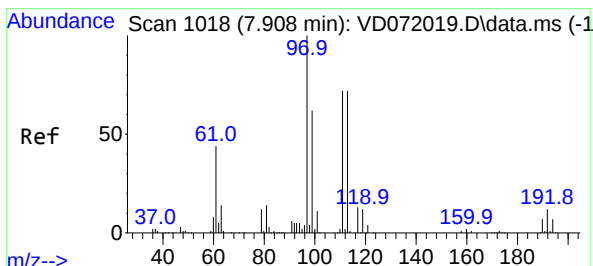
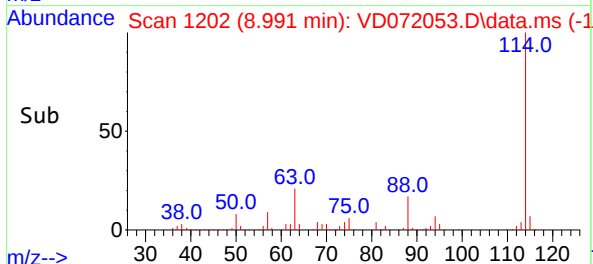
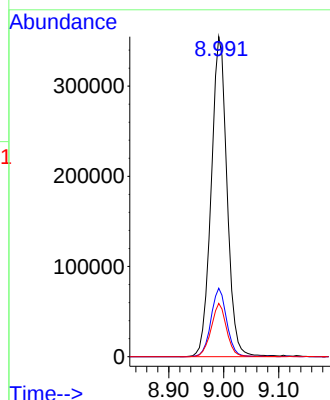
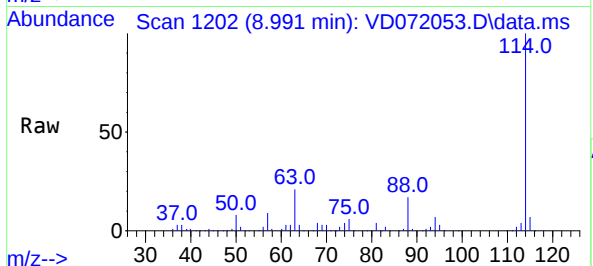




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.991 min Scan# 1180
Delta R.T. 0.130 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

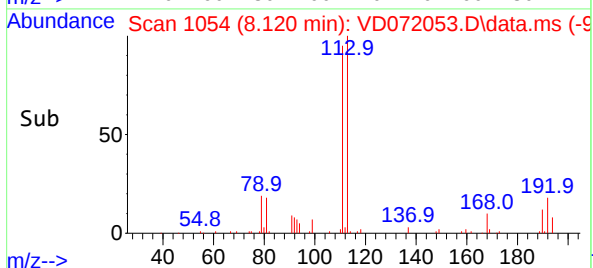
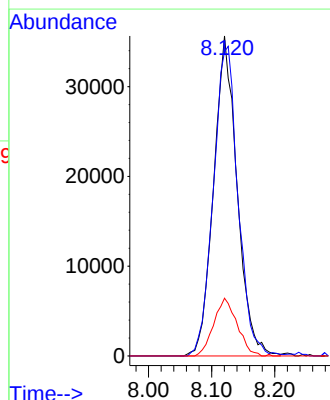
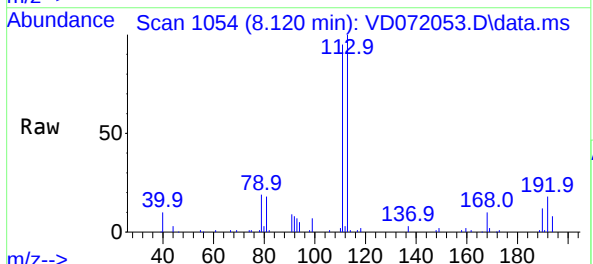
Instrument :
MSVOA_D
ClientSampleId :

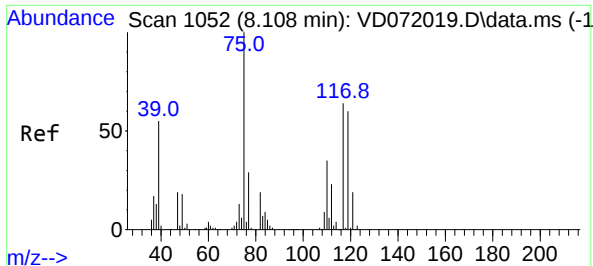
Tgt Ion:114 Resp: 710473
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 16.7 0.0 31.2



#35
Dibromofluoromethane
Concen: 21.409 ug/l
RT: 8.120 min Scan# 1054
Delta R.T. 0.212 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

Tgt Ion:113 Resp: 92157
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.4
192 18.0 15.3 22.9

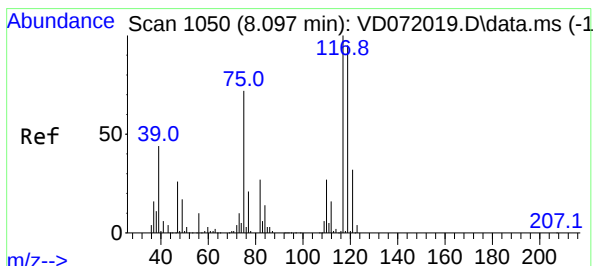
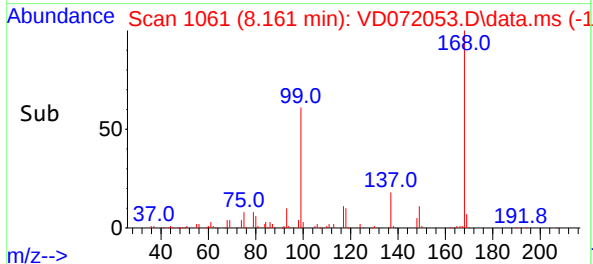
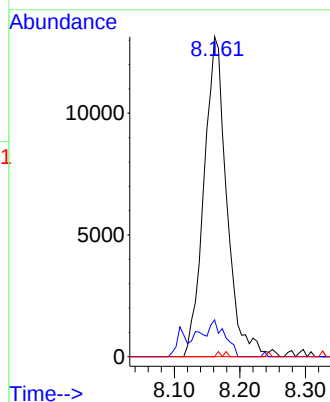
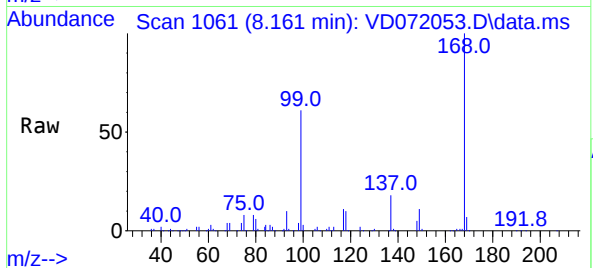




#36
1,1-Dichloropropene
Concen: 4.893 ug/l
RT: 8.161 min Scan# 1061
Delta R.T. 0.053 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

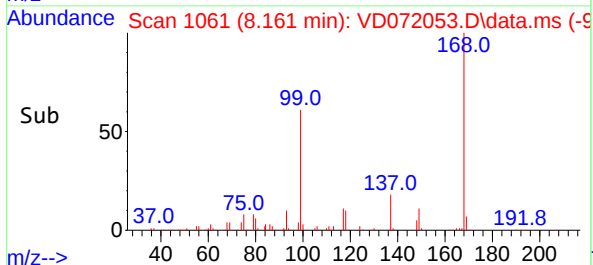
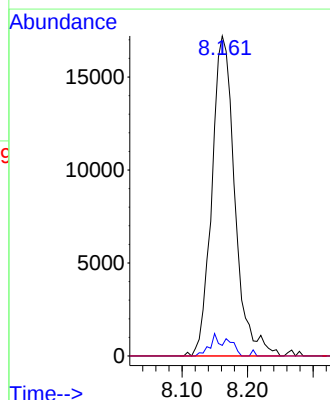
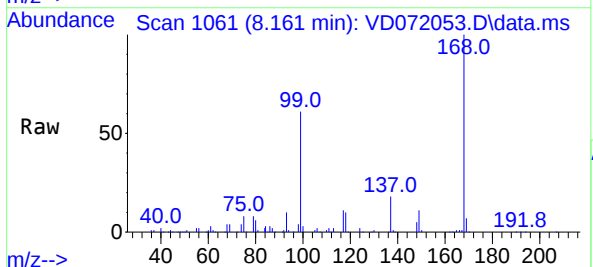
Instrument :
MSVOA_D
ClientSampleId :

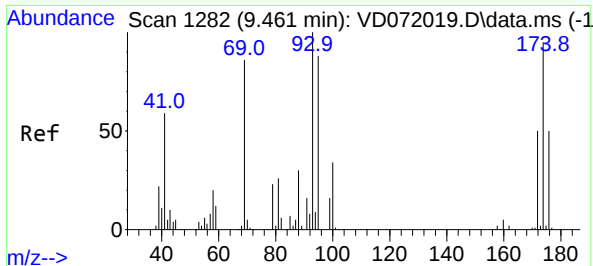
Tgt Ion: 75 Resp: 31907
Ion Ratio Lower Upper
75 100
110 7.5 17.7 53.1#
77 0.5 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.258 ug/l
RT: 8.161 min Scan# 1061
Delta R.T. 0.065 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

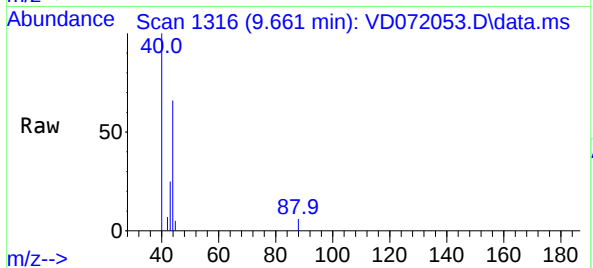
Tgt Ion: 117 Resp: 41824
Ion Ratio Lower Upper
117 100
119 3.3 75.8 113.8#
121 0.0 25.8 38.6#



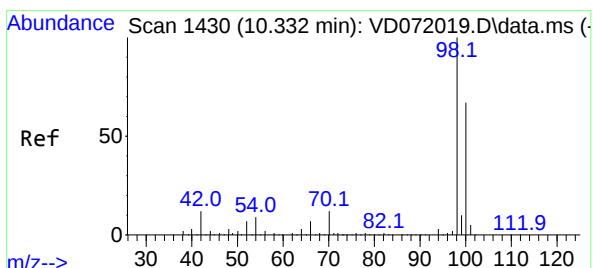
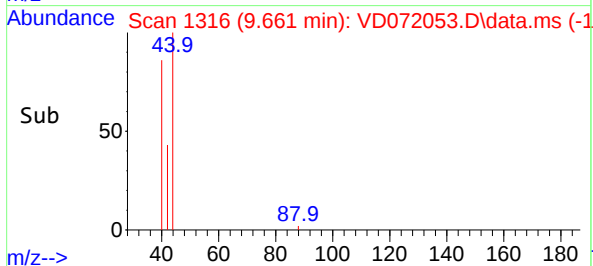
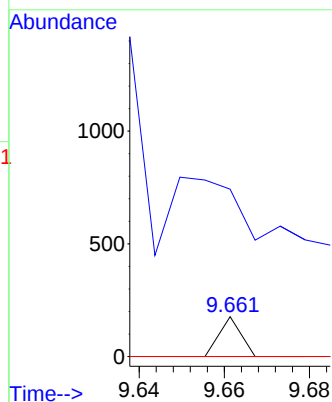


#49
1,4-Dioxane
Concen: 2.018 ug/l
RT: 9.661 min Scan# 11
Delta R.T. 0.200 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

Instrument :
MSVOA_D
ClientSampleId :

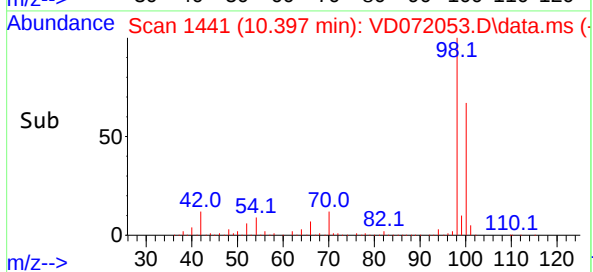
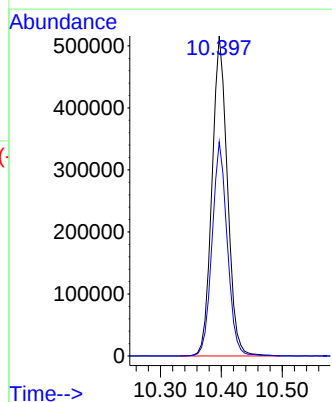
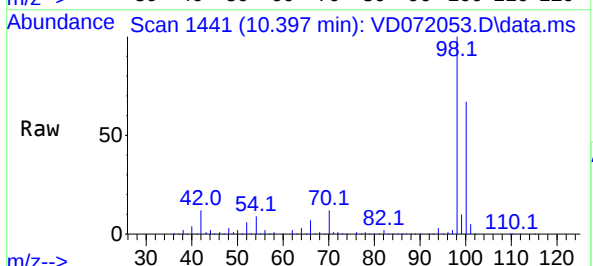


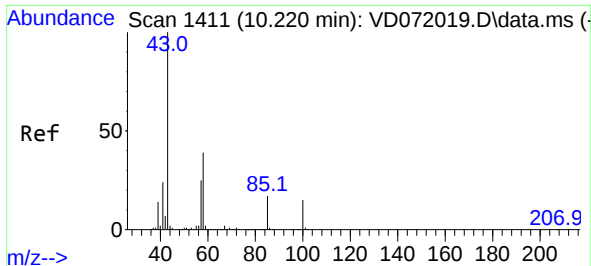
Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 0.0 29.9 44.9#
58 0.0 61.0 91.4#



#50
Toluene-d8
Concen: 56.806 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.065 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

Tgt Ion: 98 Resp: 906802
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6

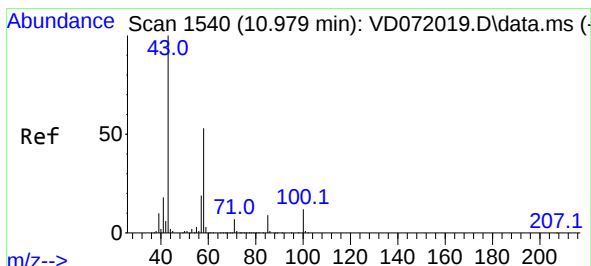
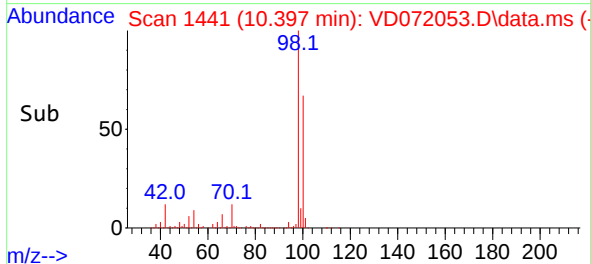
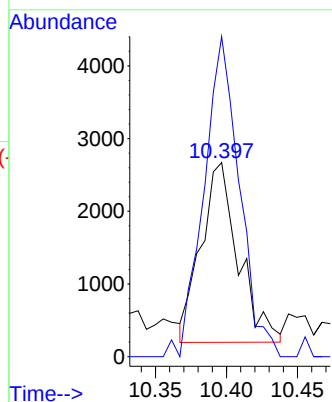
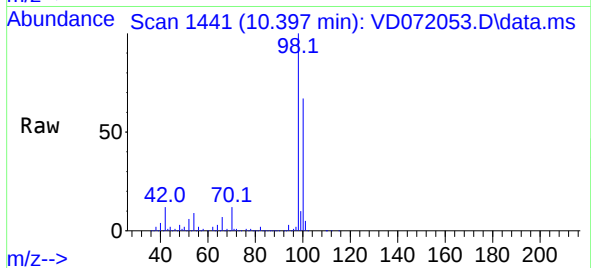




#51
4-Methyl-2-Pentanone
Concen: 1.515 ug/l
RT: 10.397 min Scan# 1411
Delta R.T. 0.177 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

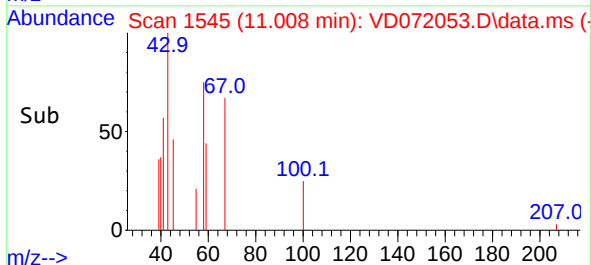
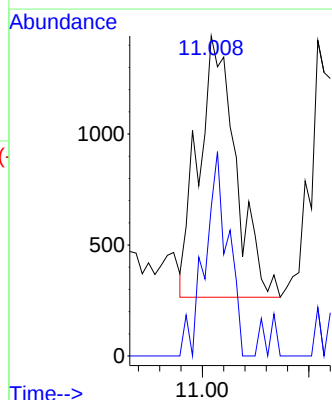
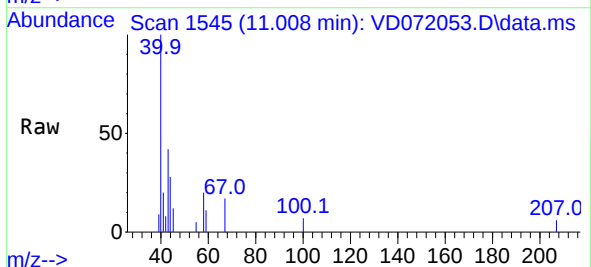
Instrument :
MSVOA_D
ClientSampleId :

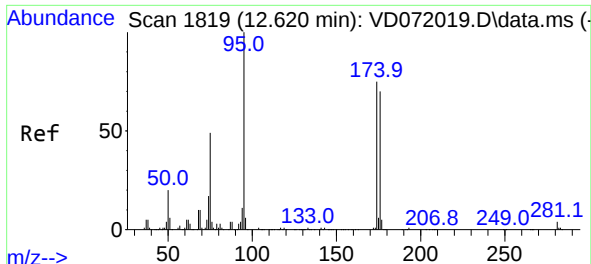
Tgt Ion: 43 Resp: 4522
Ion Ratio Lower Upper
43 100
58 170.2 30.8 46.2#



#59
2-Hexanone
Concen: 1.405 ug/l
RT: 11.008 min Scan# 1545
Delta R.T. 0.030 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

Tgt Ion: 43 Resp: 2860
Ion Ratio Lower Upper
43 100
58 48.5 27.0 80.8

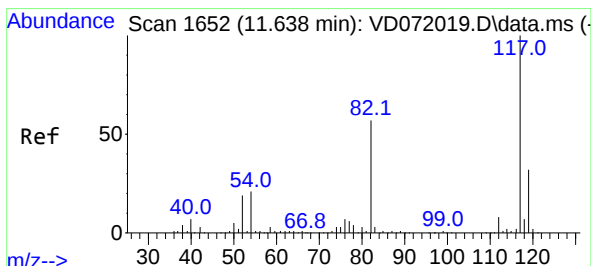
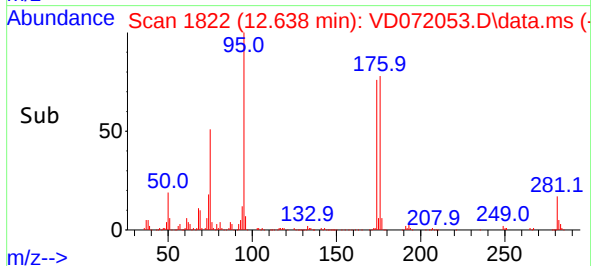
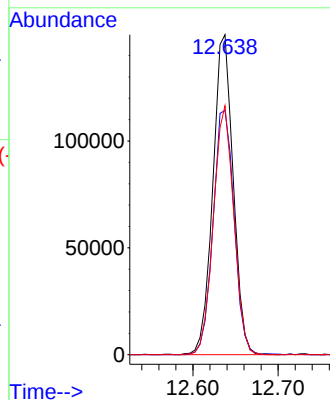
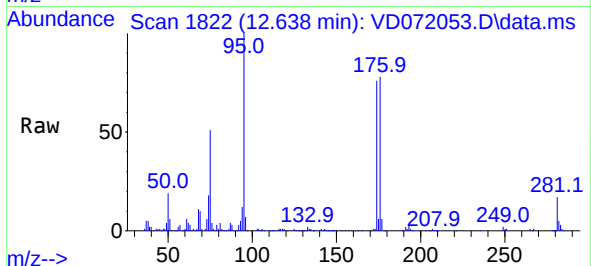




#62
4-Bromofluorobenzene
Concen: 42.240 ug/l
RT: 12.638 min Scan# 1819
Delta R.T. 0.018 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

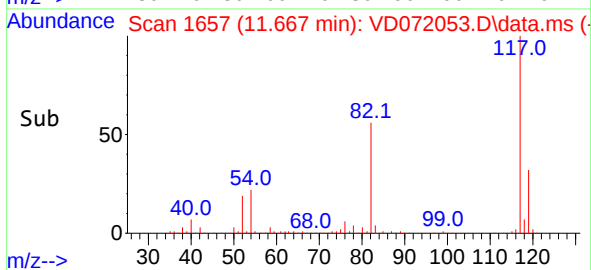
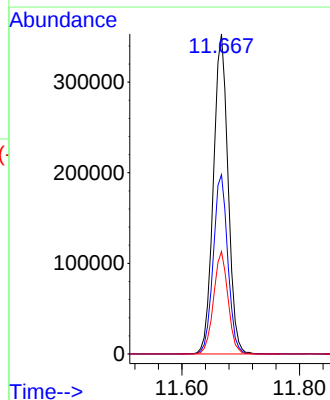
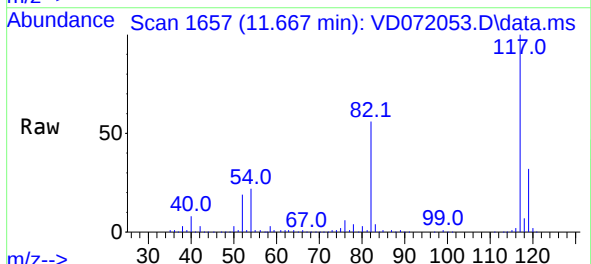
Instrument :
MSVOA_D
ClientSampleId :

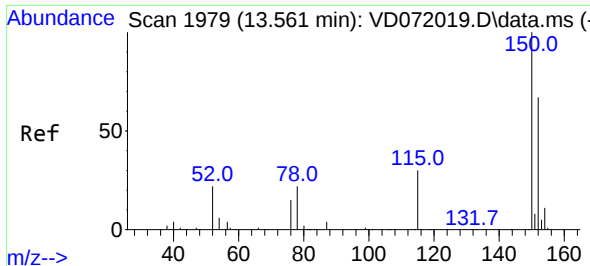
Tgt Ion: 95 Resp: 247679
Ion Ratio Lower Upper
95 100
174 79.3 0.0 155.0
176 78.1 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.030 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

Tgt Ion: 117 Resp: 610713
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 32.0 25.4 38.2

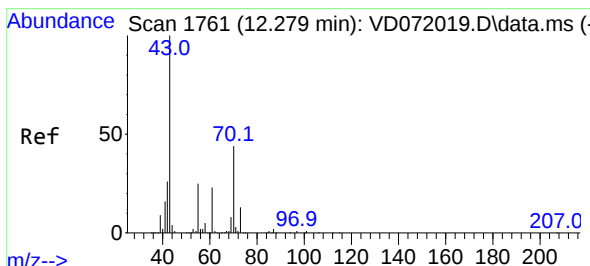
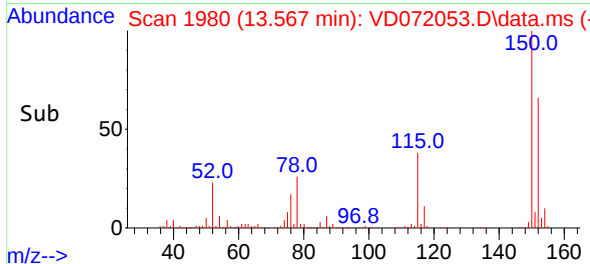
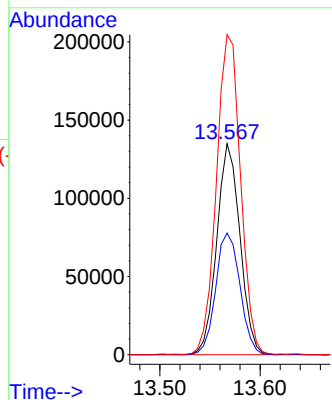
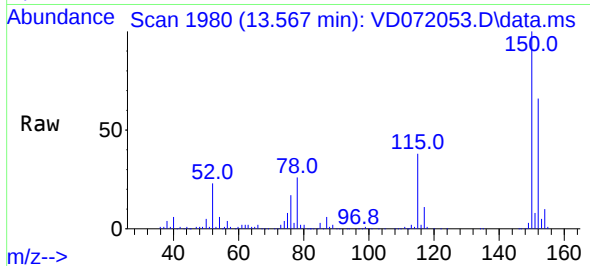




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

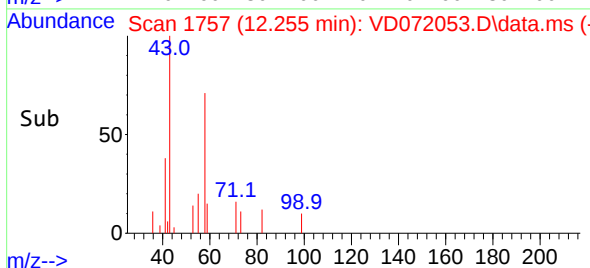
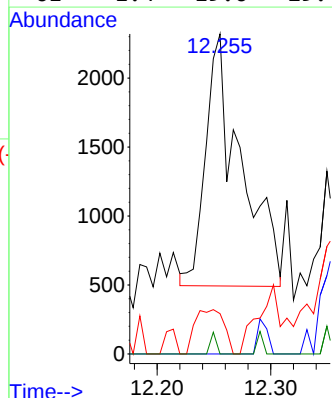
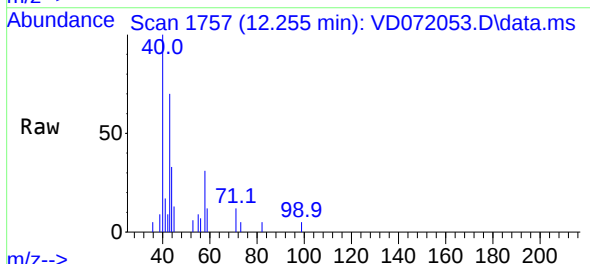
Instrument :
MSVOA_D
ClientSampleId :

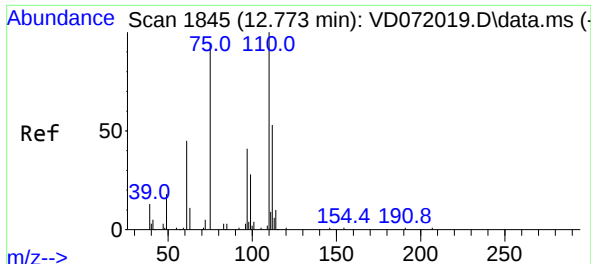
Tgt Ion:152 Resp: 217004
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.7
150 158.0 0.0 347.6



#74
N-ethyl acetate
Concen: 1.084 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.023 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

Tgt Ion: 43 Resp: 3901
Ion Ratio Lower Upper
43 100
70 0.0 33.2 49.8#
55 14.6 20.6 30.8#
61 1.4 19.6 29.4#

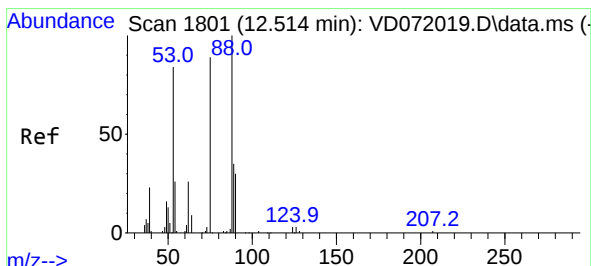
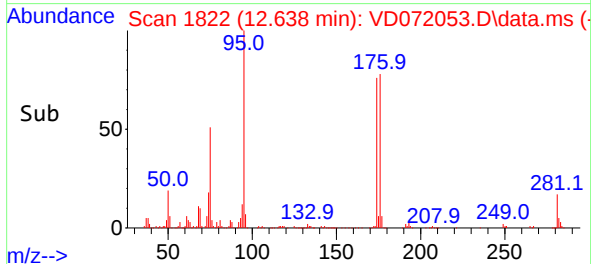
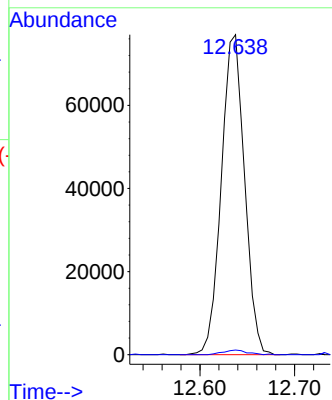
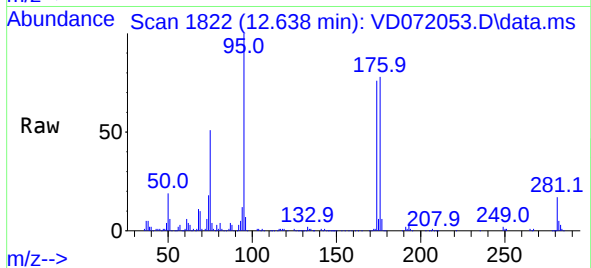




#76
1,2,3-Trichloropropane
Concen: 63.804 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. -0.135 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 131150
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 159.779 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.124 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

Tgt Ion: 75 Resp: 131150
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.4#
89 0.0 36.4 54.6#

