

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071929.D
 Acq On : 11 Feb 2022 10:14
 Operator : VA/SY
 Sample : VD0211SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 11 23:54:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

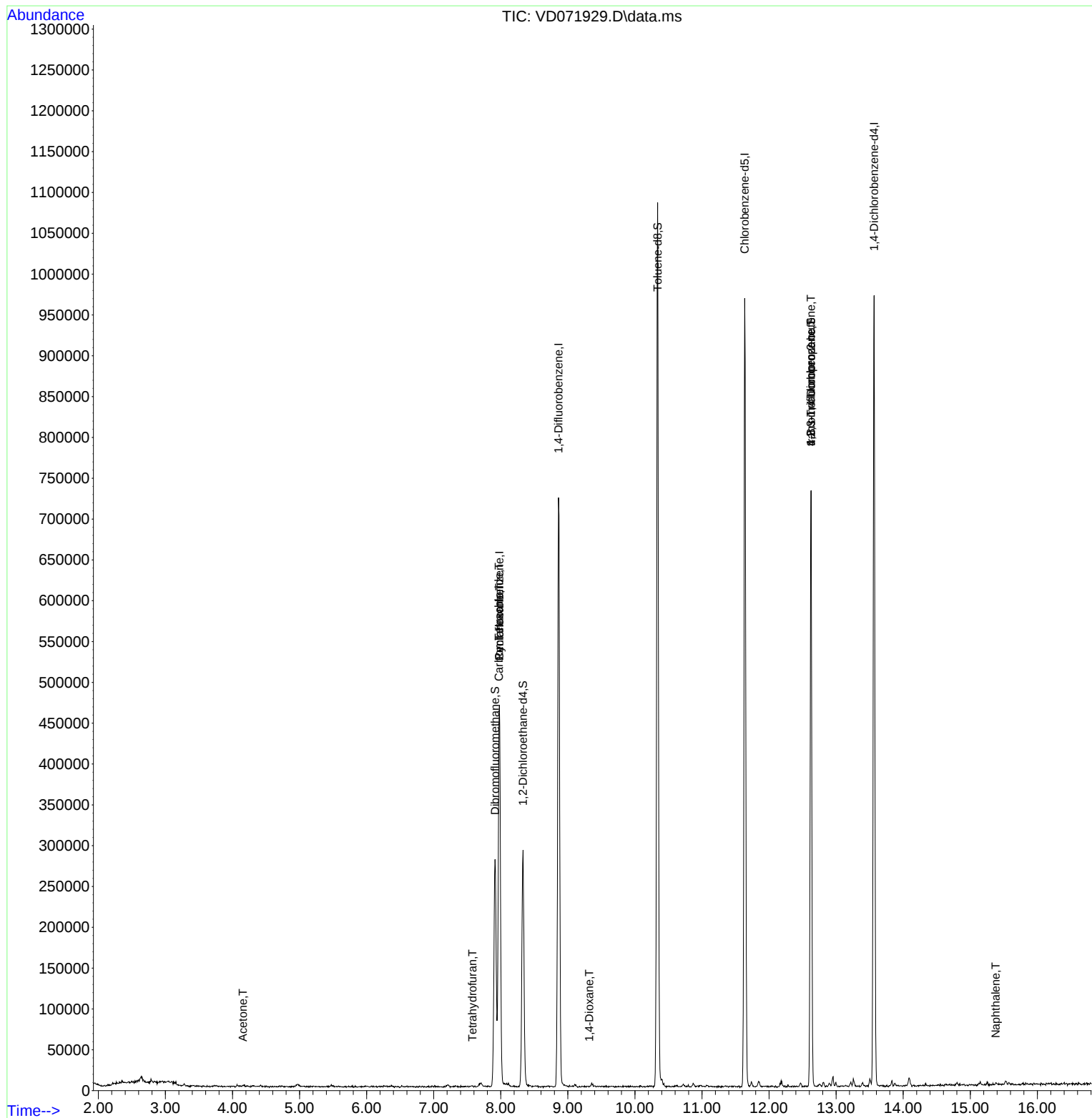
Internal Standards						
1) Pentafluorobenzene	7.979	168	324373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	576860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	524620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	238726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	228150	55.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.300%	
35) Dibromofluoromethane	7.914	113	202665	53.447	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.900%	
50) Toluene-d8	10.338	98	687548	48.551	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.100%	
62) 4-Bromofluorobenzene	12.626	95	229912	46.491	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.203	59	116	Below Cal	#	74
16) Acetone	4.156	43	1226	1.092	ug/l	94
20) Methylene Chloride	4.973	84	2050	Below Cal	#	74
29) Tetrahydrofuran	7.579	42	806	1.041	ug/l	# 38
31) Cyclohexane	7.979	56	10709	1.368	ug/l	# 1
38) Carbon Tetrachloride	7.973	117	36511	5.673	ug/l	# 17
49) 1,4-Dioxane	9.320	88	70	2.586	ug/l	# 21
76) 1,2,3-Trichloropropane	12.626	75	126170	50.150	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	126170	123.306	ug/l	# 7
95) Naphthalene	15.379	128	2703	1.770	ug/l	# 95

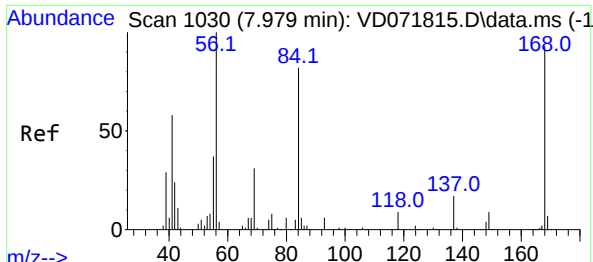
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
Data File : VD071929.D
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Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

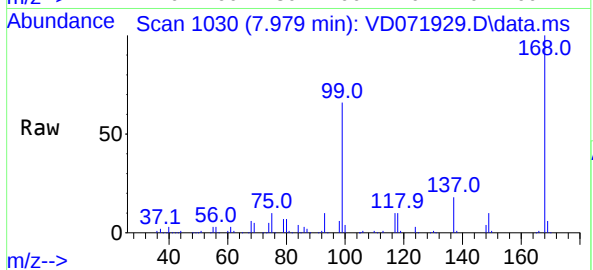
Quant Time: Feb 11 23:54:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration



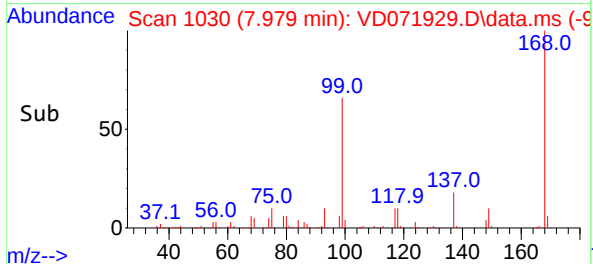
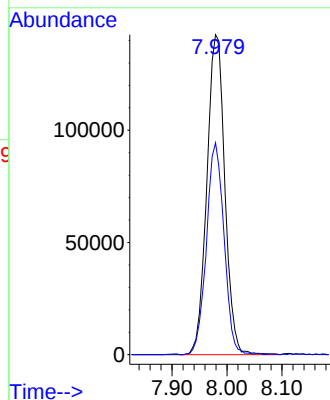


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14

Instrument :
MSVOA_D
ClientSampleId :

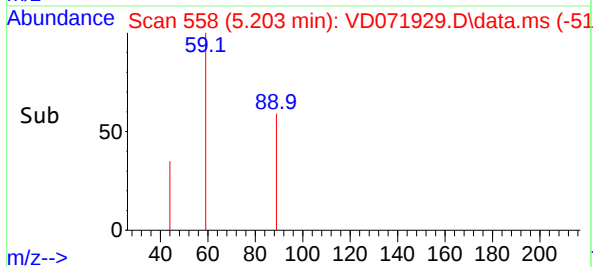
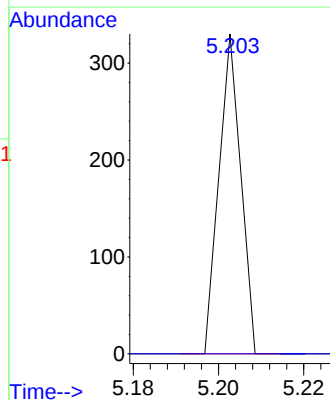
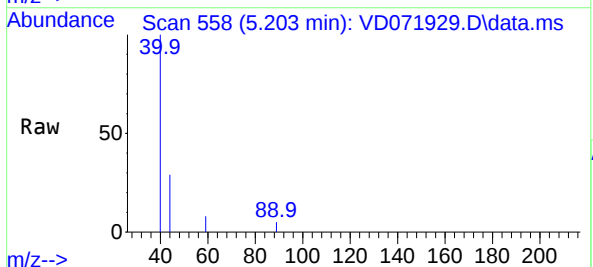


Tgt Ion:168 Resp: 324373
Ion Ratio Lower Upper
168 100
99 66.2 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.018 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14

Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

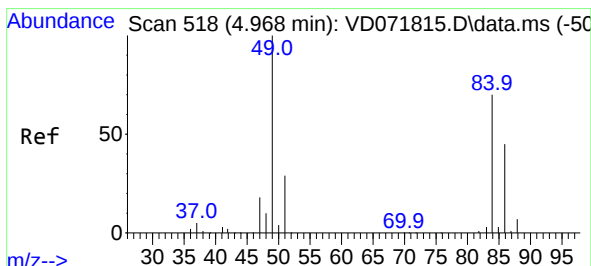
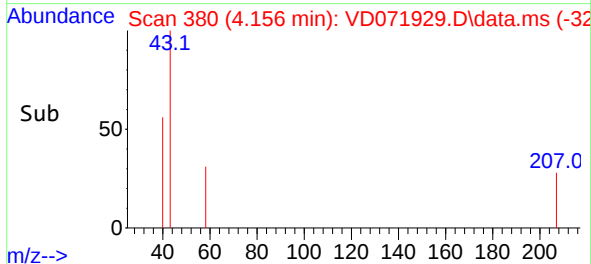
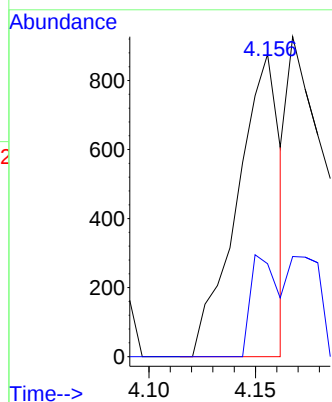
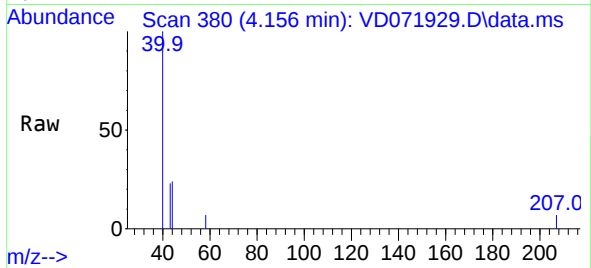




#16
Acetone
Concen: 1.092 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14

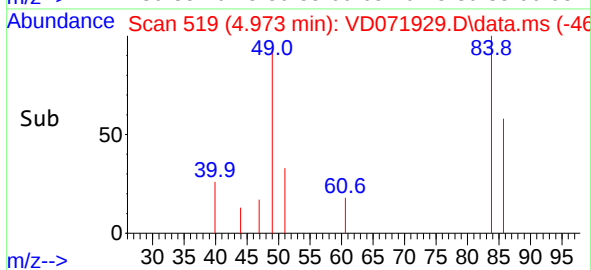
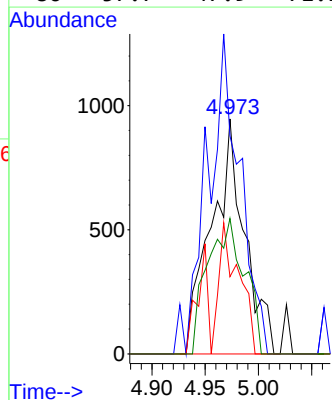
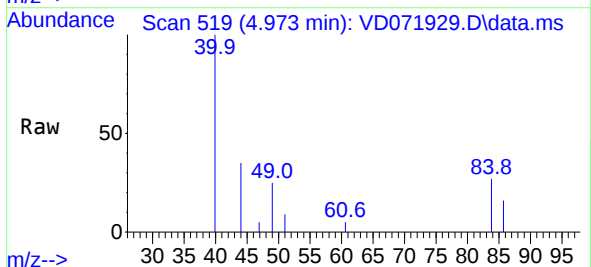
Instrument :
MSVOA_D
ClientSampleId :

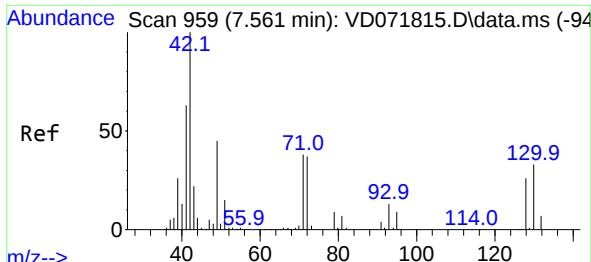
Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
58 30.7 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14

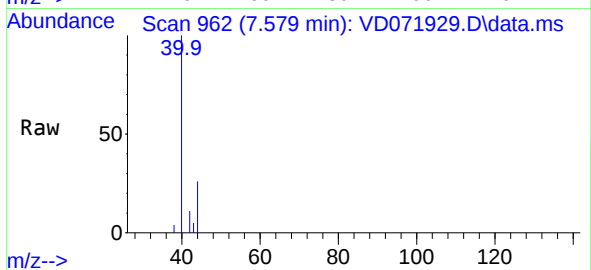
Tgt Ion: 84 Resp: 2050
Ion Ratio Lower Upper
84 100
49 92.8 112.8 169.2#
51 32.8 32.6 48.8
86 57.7 47.9 71.9



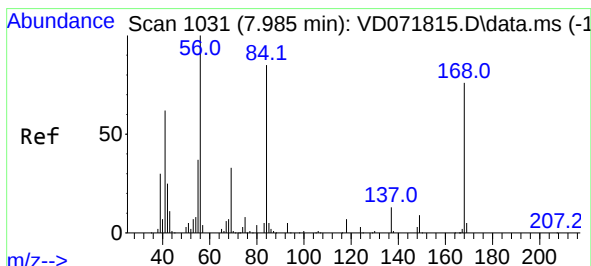
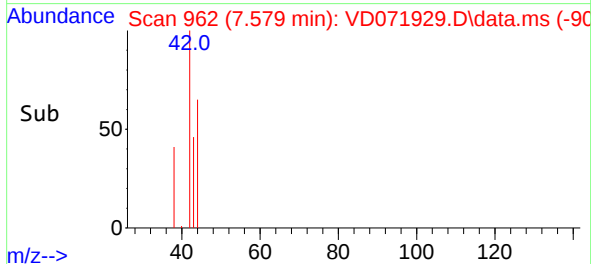
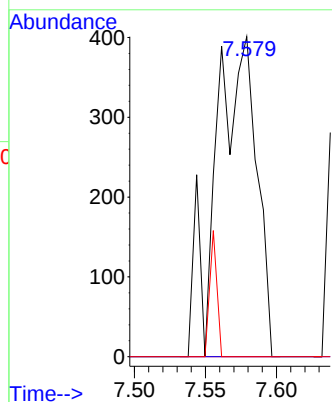


#29
Tetrahydrofuran
Concen: 1.041 ug/l
RT: 7.579 min Scan# 90
Delta R.T. 0.018 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14

Instrument :
MSVOA_D
ClientSampleId :

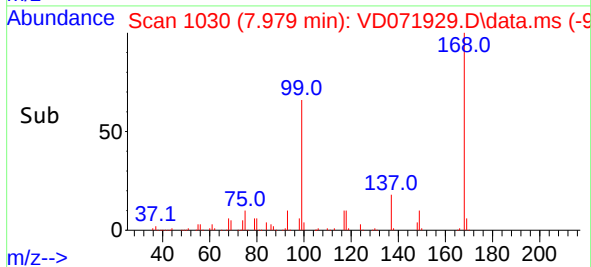
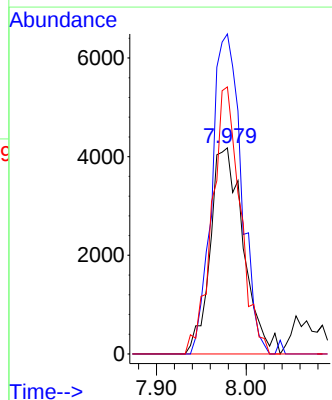
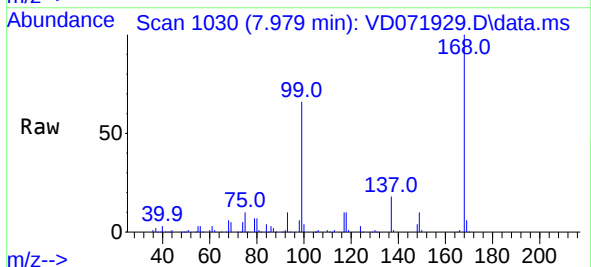


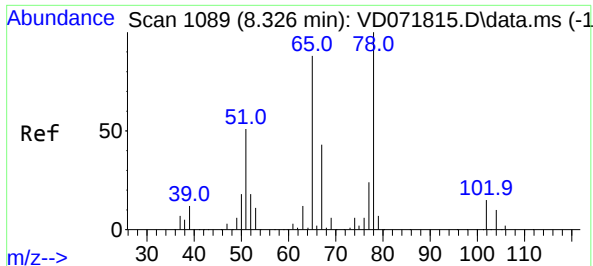
Tgt Ion: 42 Resp: 806
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 28.6 43.0#



#31
Cyclohexane
Concen: 1.368 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14

Tgt Ion: 56 Resp: 10709
Ion Ratio Lower Upper
56 100
69 155.3 25.4 38.2#
84 129.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 55.648 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071929.D

Acq: 11 Feb 2022 10:14

Instrument :

MSVOA_D

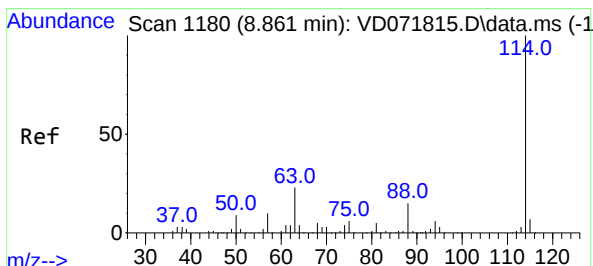
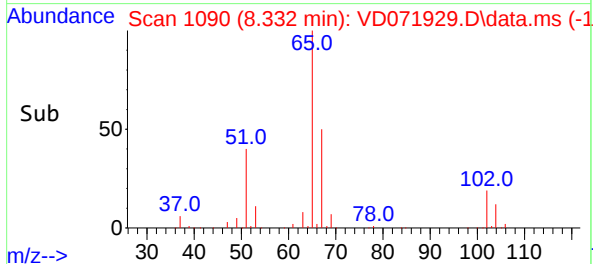
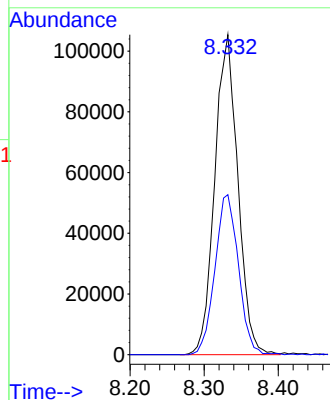
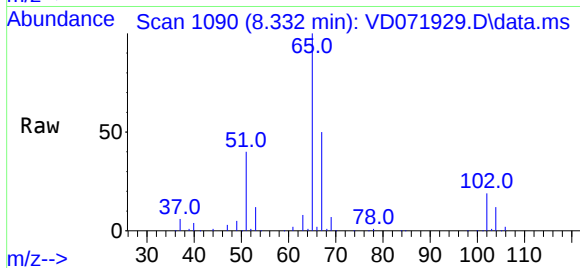
ClientSampleId :

Tgt Ion: 65 Resp: 228150

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071929.D

Acq: 11 Feb 2022 10:14

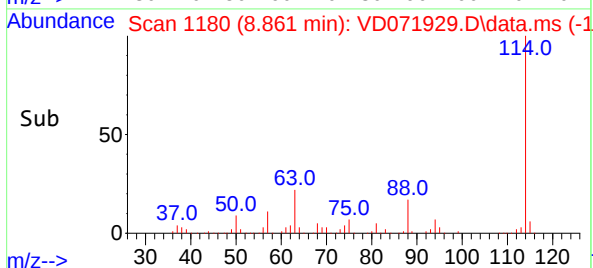
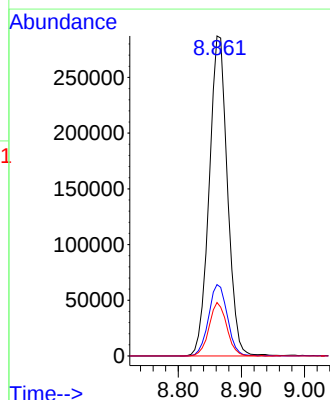
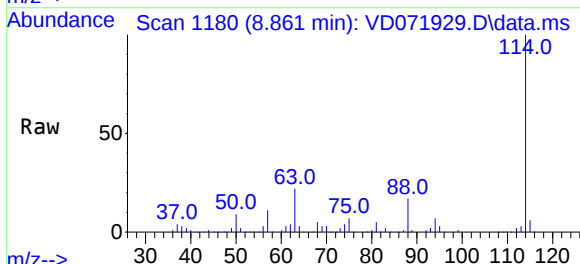
Tgt Ion: 114 Resp: 576860

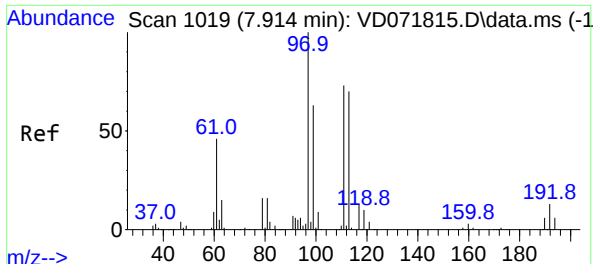
Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.6

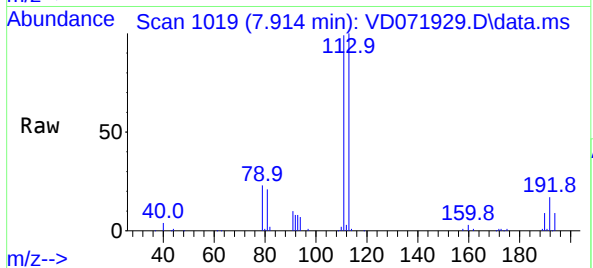
88 16.7 0.0 33.2



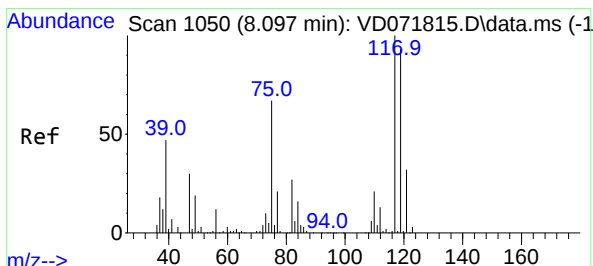
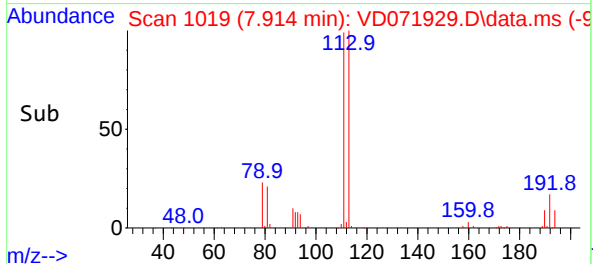
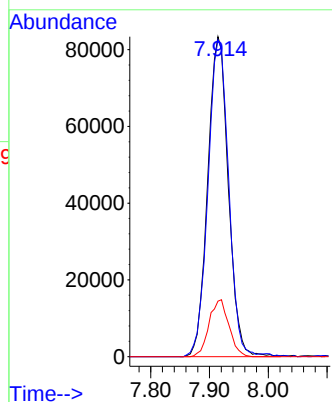


#35
Dibromofluoromethane
Concen: 53.447 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14

Instrument :
MSVOA_D
ClientSampleId :

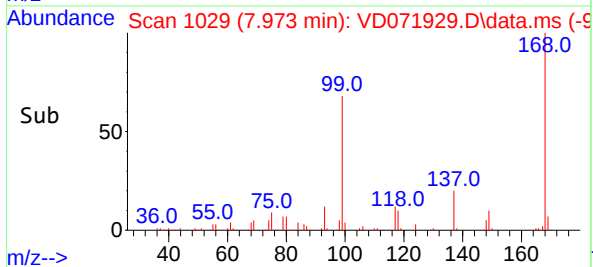
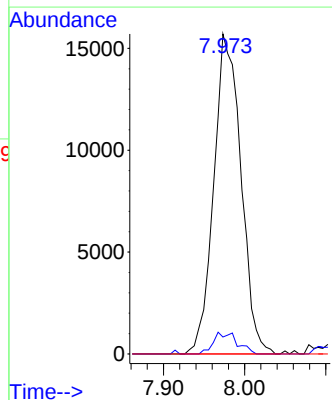
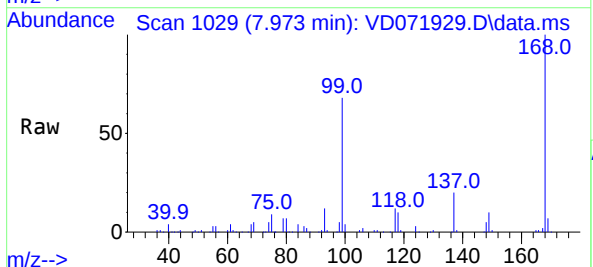


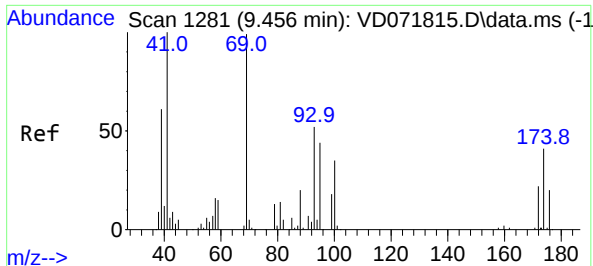
Tgt Ion:113 Resp: 202665
Ion Ratio Lower Upper
113 100
111 99.2 83.8 125.6
192 17.1 14.6 21.8



#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14

Tgt Ion:117 Resp: 36511
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.5 36.7#

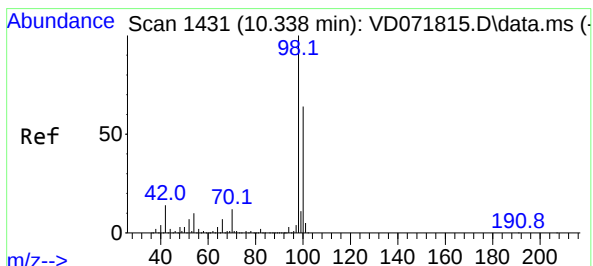
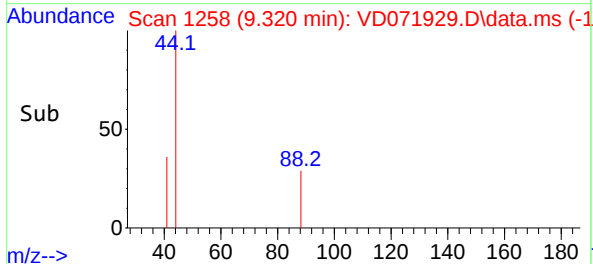
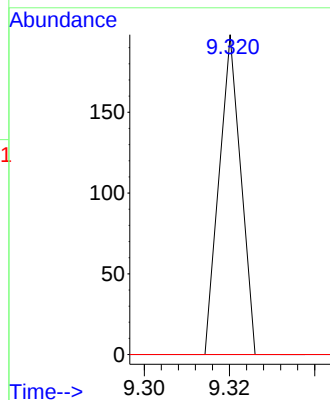
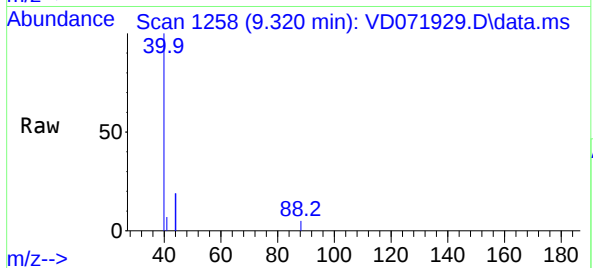




#49
1,4-Dioxane
Concen: 2.586 ug/l
RT: 9.320 min Scan# 1258
Delta R.T. -0.141 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14

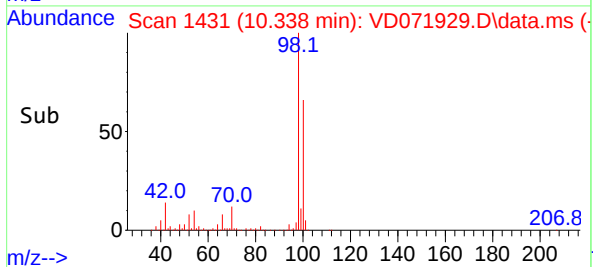
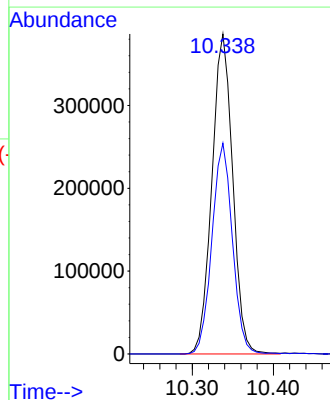
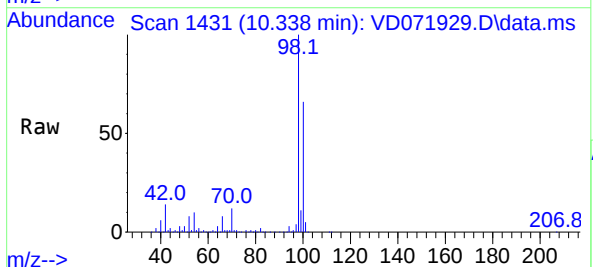
Instrument :
MSVOA_D
ClientSampleId :

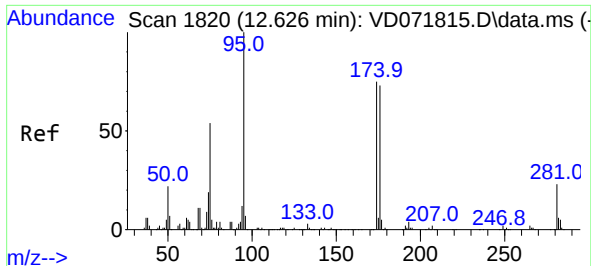
Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 48.551 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14

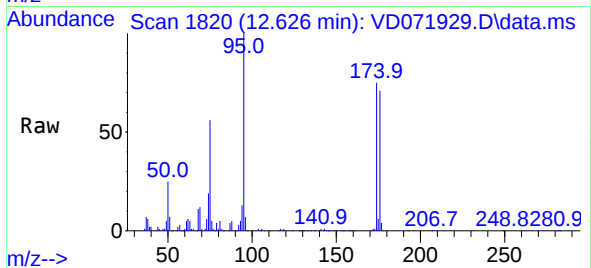
Tgt Ion: 98 Resp: 687548
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



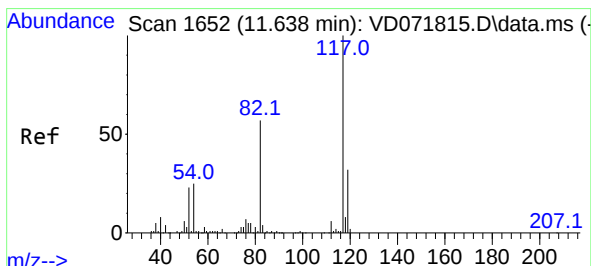
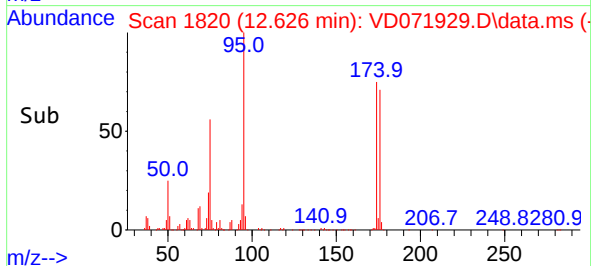
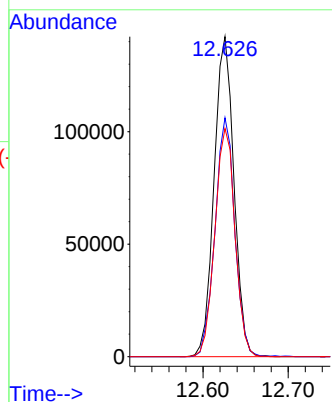


#62
4-Bromofluorobenzene
Concen: 46.491 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14

Instrument :
MSVOA_D
ClientSampleId :

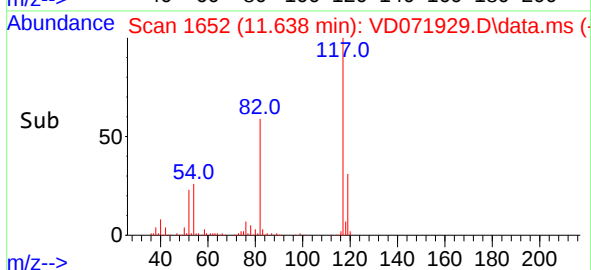
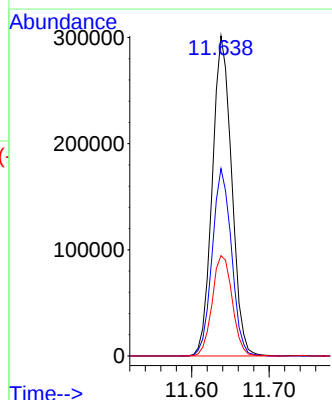
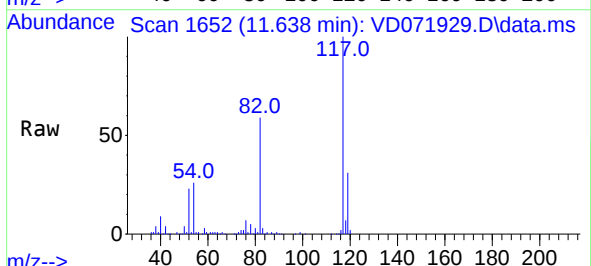


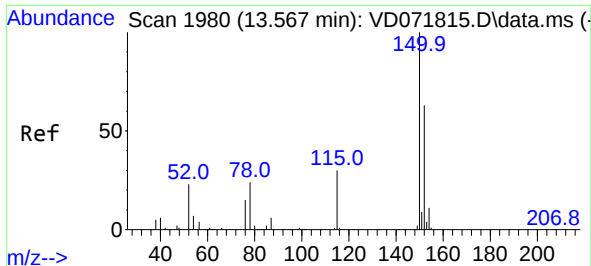
Tgt Ion: 95 Resp: 229912
Ion Ratio Lower Upper
95 100
174 74.4 0.0 152.8
176 72.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14

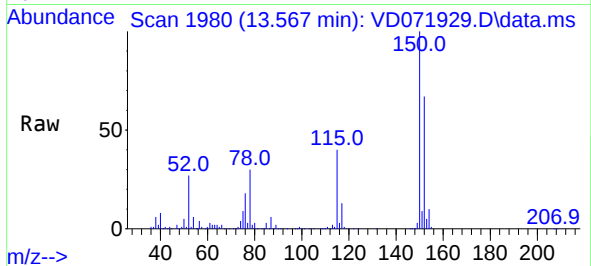
Tgt Ion: 117 Resp: 524620
Ion Ratio Lower Upper
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82 58.6 45.3 67.9
119 31.3 26.6 40.0



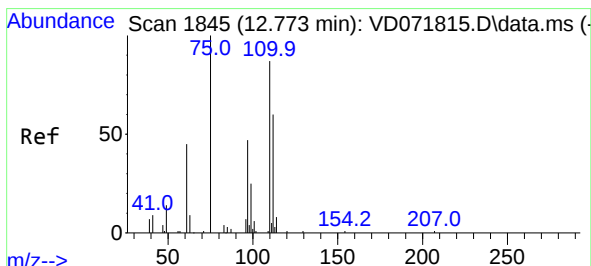
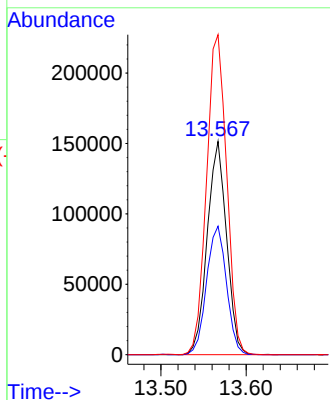
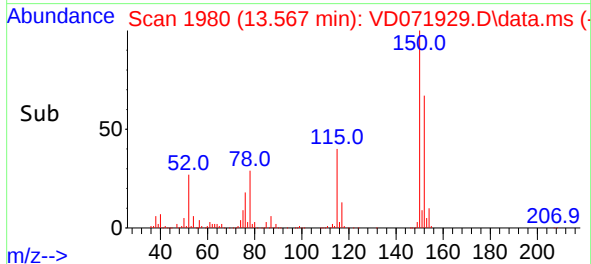


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14

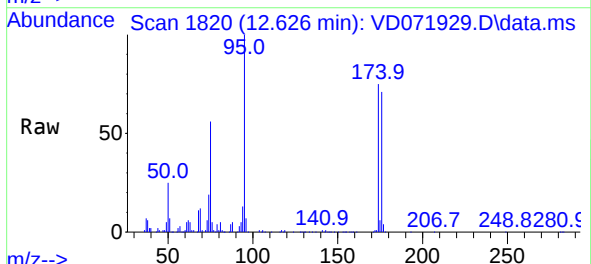
Instrument :
MSVOA_D
ClientSampleId :



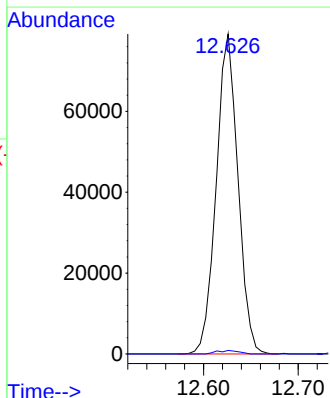
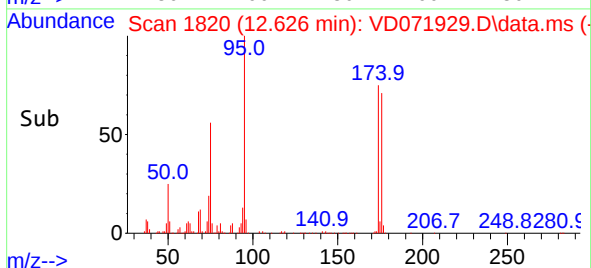
Tgt Ion:152 Resp: 238726
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 156.0 0.0 348.6

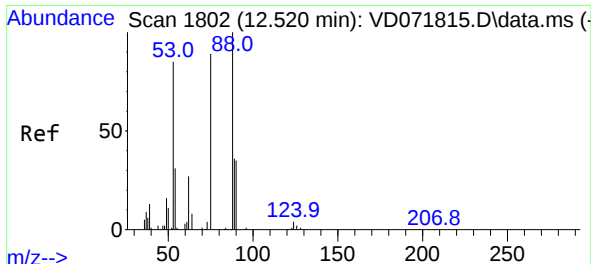


#76
1,2,3-Trichloropropane
Concen: 50.150 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14



Tgt Ion: 75 Resp: 126170
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

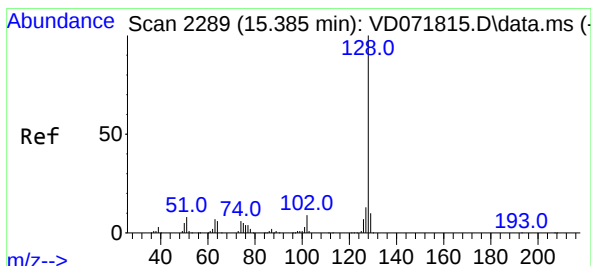
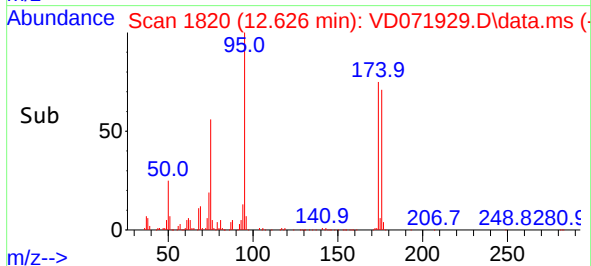
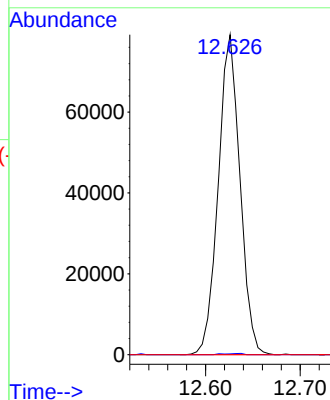
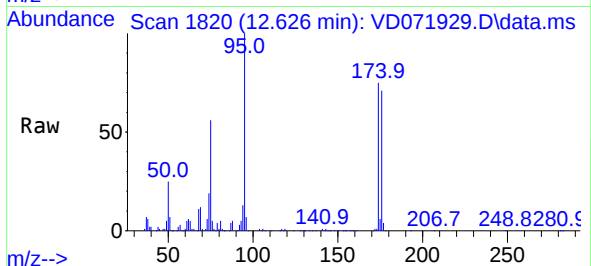




#81
trans-1,4-Dichloro-2-butene
Concen: 123.306 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 126170
Ion Ratio Lower Upper
75 100
53 0.3 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.770 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD071929.D
Acq: 11 Feb 2022 10:14

Tgt Ion:128 Resp: 2703
Ion Ratio Lower Upper
128 100
127 10.0 10.3 15.5#
129 10.0 8.4 12.6

