

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071838.D
 Acq On : 31 Jan 2022 11:41
 Operator : VA/SY
 Sample : VD0131SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBL01

Quant Time: Jan 31 13:35:20 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)

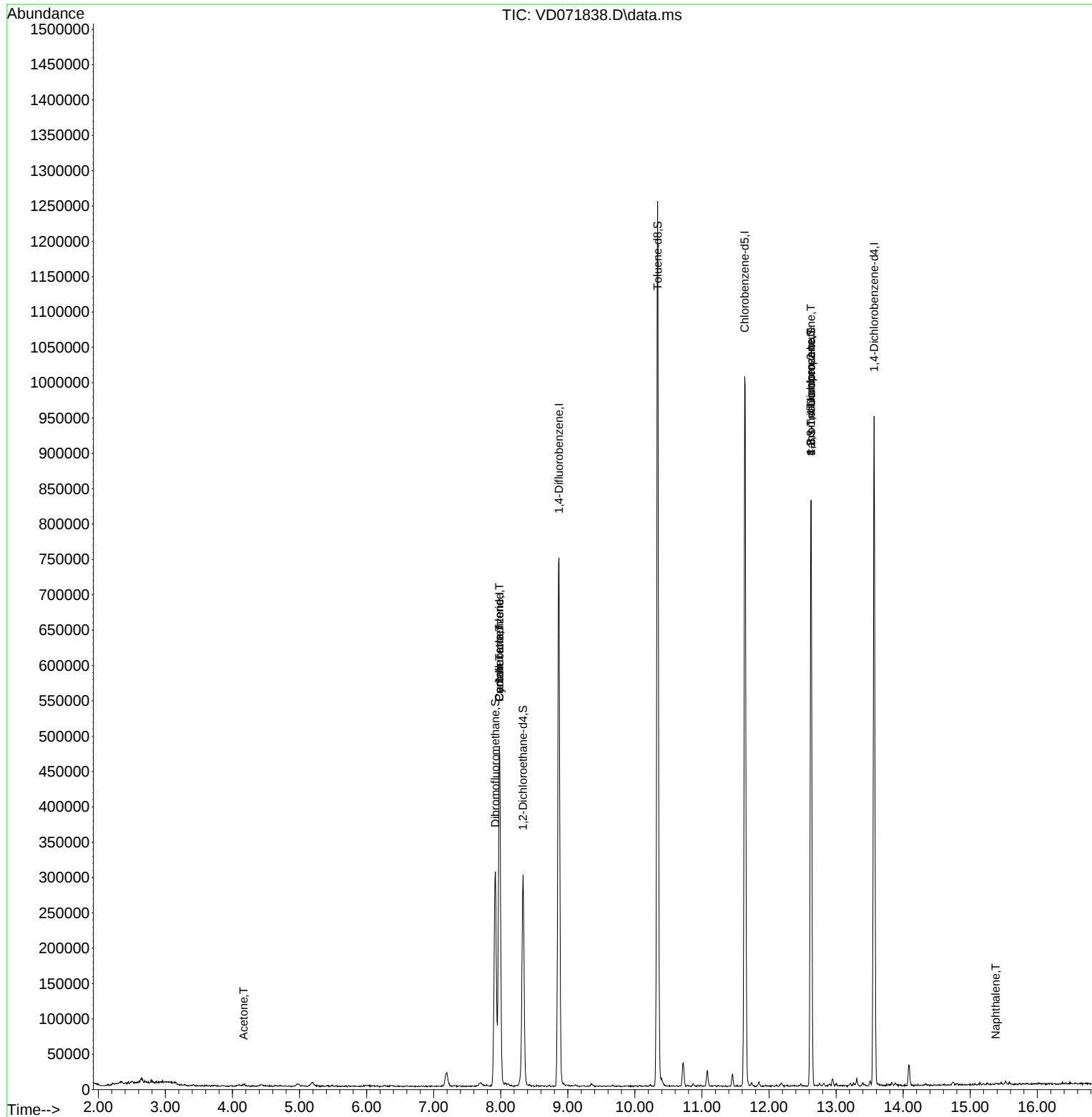
Internal Standards						
1) Pentafluorobenzene	7.979	168	333644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	605225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	550776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	232757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	240963	57.140	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.280%			
35) Dibromofluoromethane	7.920	113	213112	53.568	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.140%			
50) Toluene-d8	10.338	98	788197	53.050	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.100%			
62) 4-Bromofluorobenzene	12.626	95	245258	47.270	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.540%			
Target Compounds						
11) Tert butyl alcohol	5.173	59	2715	Below Cal	#	74
16) Acetone	4.168	43	4432	3.839	ug/l	91
20) Methylene Chloride	4.967	84	2289	Below Cal	#	59
31) Cyclohexane	7.979	56	10750	1.335	ug/l	# 46
38) Carbon Tetrachloride	7.979	117	35389	5.241	ug/l	# 19
76) 1,2,3-Trichloropropane	12.626	75	140264	57.181	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	140264	140.596	ug/l	# 7
95) Naphthalene	15.379	128	1883	1.680	ug/l	# 86

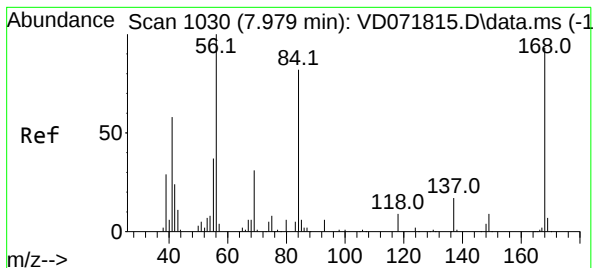
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
Data File : VD071838.D
Acq On : 31 Jan 2022 11:41
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 :
VD0131SBL01

Quant Time: Jan 31 13:35:20 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

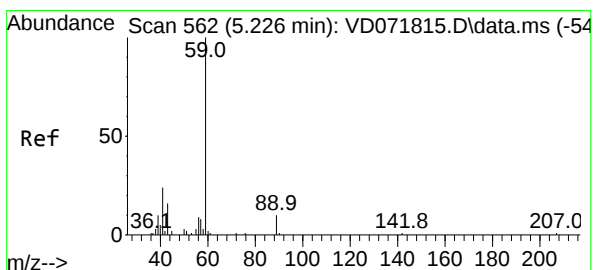
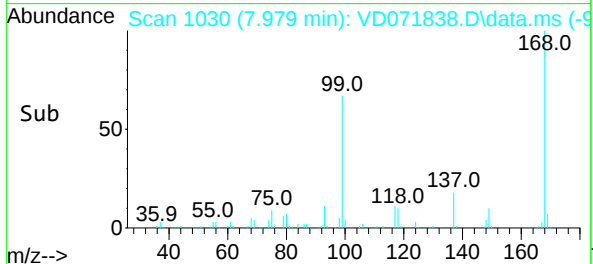
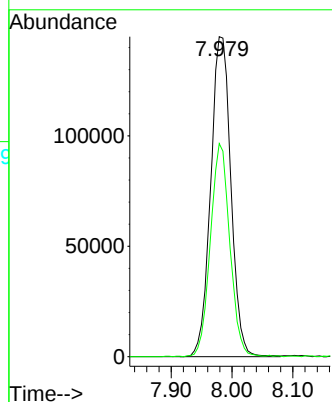
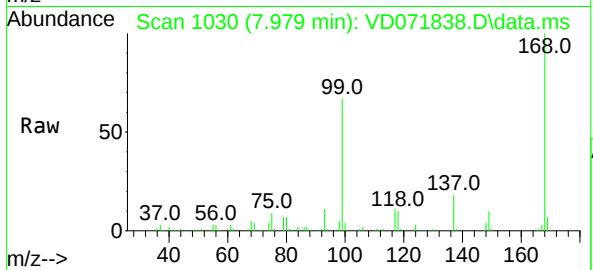




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

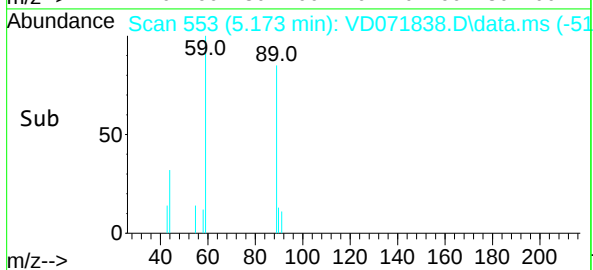
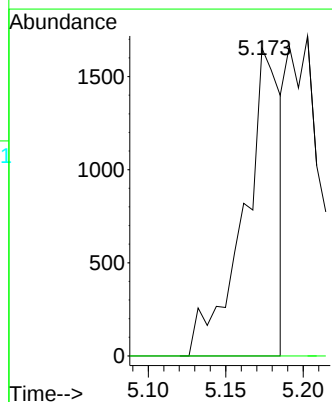
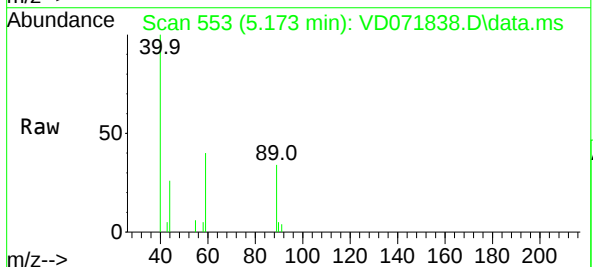
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

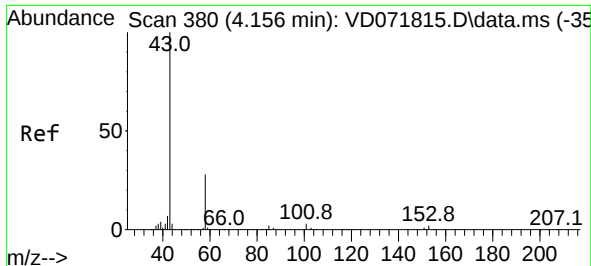
Tgt Ion:168 Resp: 333644
Ion Ratio Lower Upper
168 100
99 66.4 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 553
Delta R.T. -0.047 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

Tgt Ion: 59 Resp: 2715
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

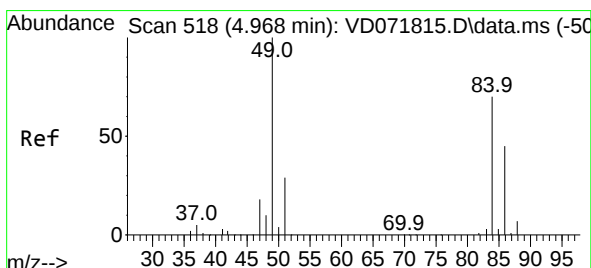
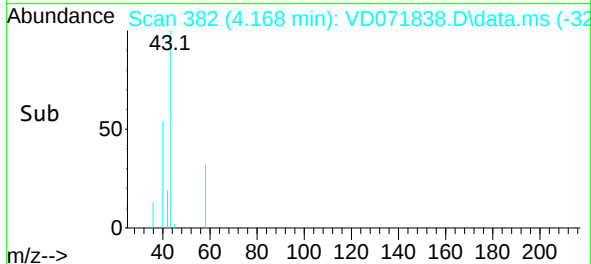
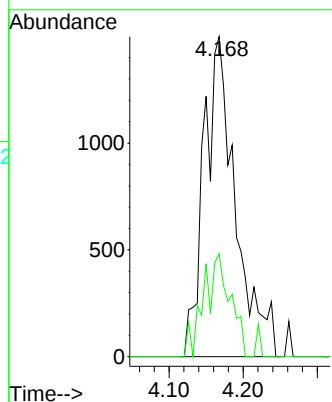
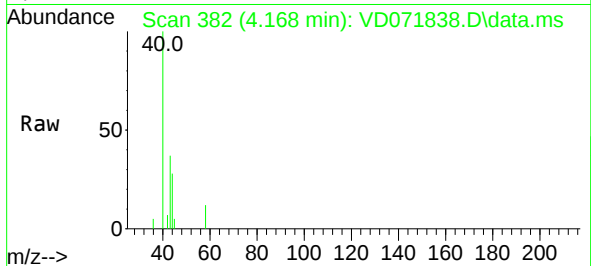




#16
Acetone
Concen: 3.839 ug/l
RT: 4.168 min Scan# 380
Delta R.T. 0.012 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

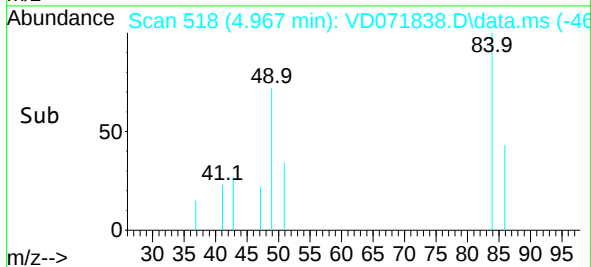
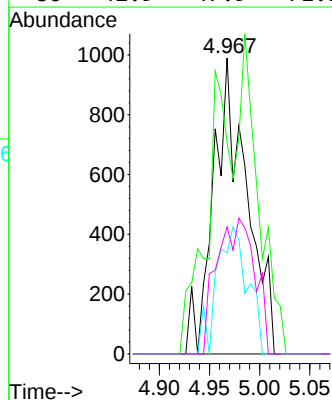
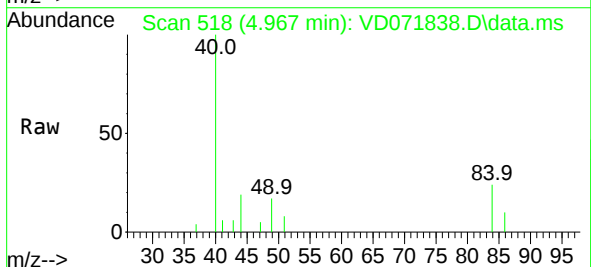
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

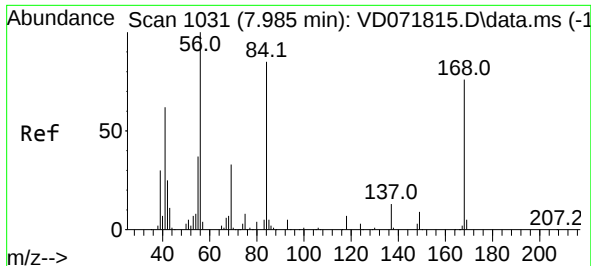
Tgt Ion: 43 Resp: 4432
Ion Ratio Lower Upper
43 100
58 32.2 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

Tgt Ion: 84 Resp: 2289
Ion Ratio Lower Upper
84 100
49 71.5 112.8 169.2#
51 34.1 32.6 48.8
86 42.9 47.9 71.9#

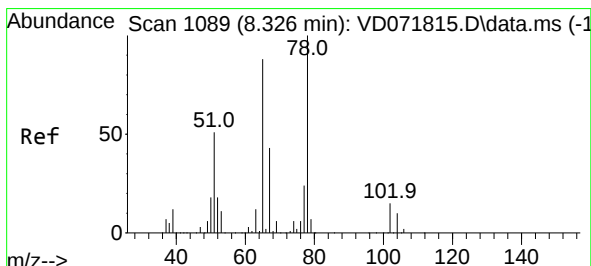
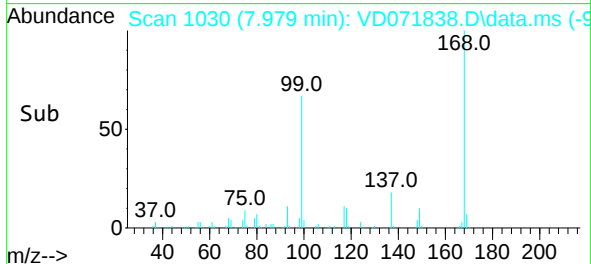
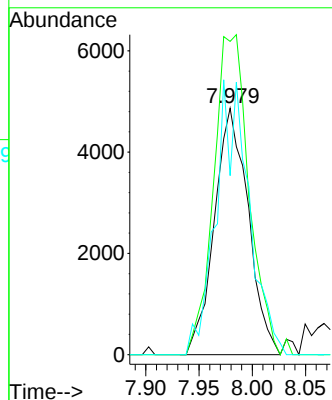
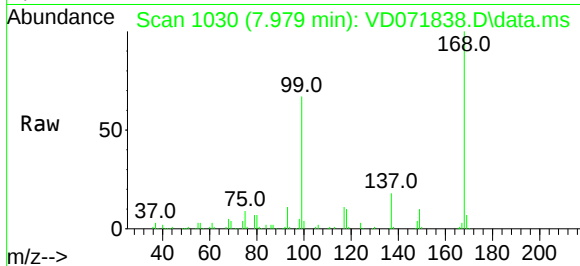




#31
Cyclohexane
Concen: 1.335 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

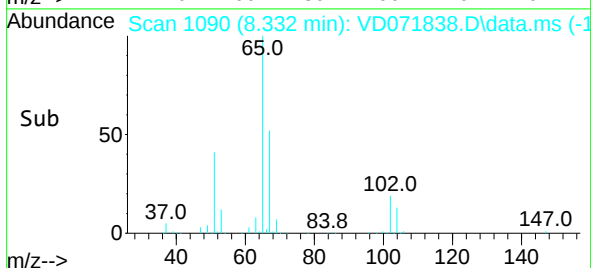
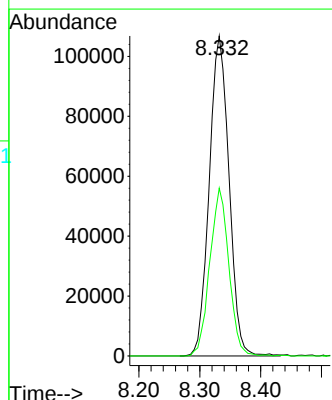
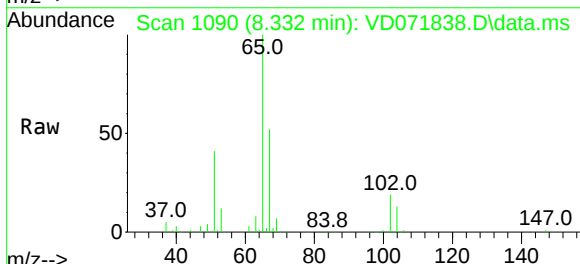
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

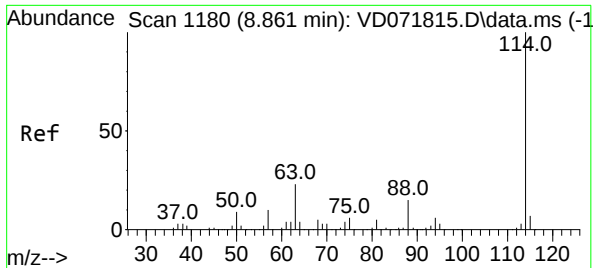
Tgt Ion: 56 Resp: 10750
Ion Ratio Lower Upper
56 100
69 127.1 25.4 38.2#
84 72.7 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 57.140 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

Tgt Ion: 65 Resp: 240963
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD071838.D

Acq: 31 Jan 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBL01

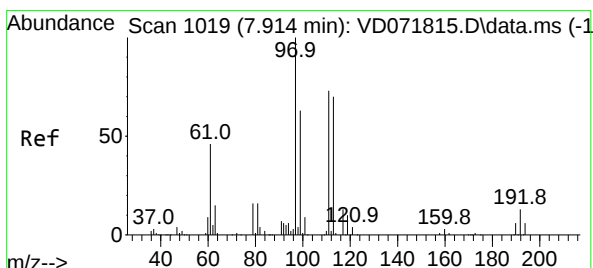
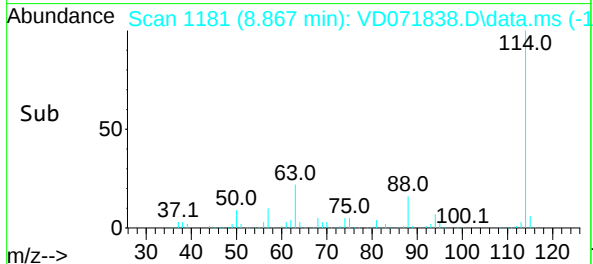
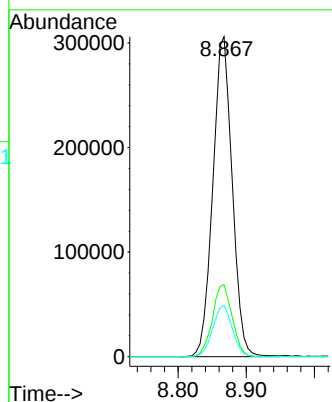
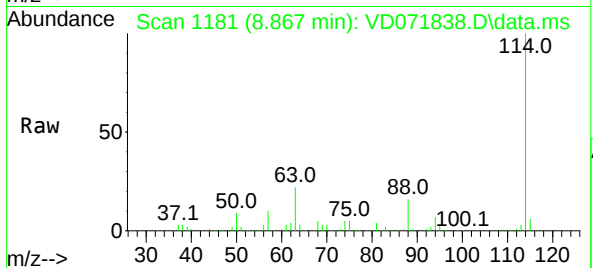
Tgt Ion:114 Resp: 605225

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.568 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VD071838.D

Acq: 31 Jan 2022 11:41

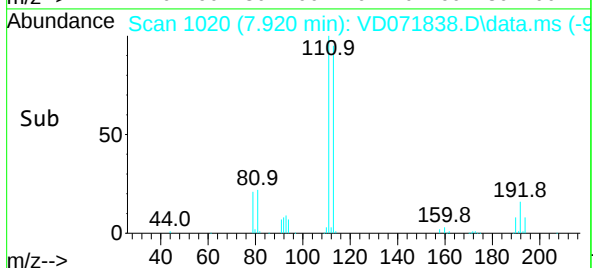
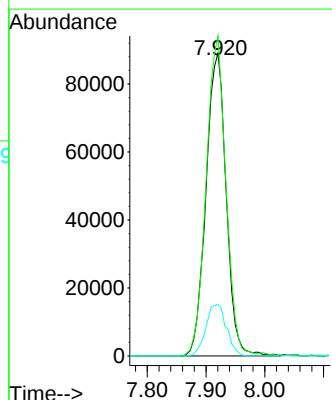
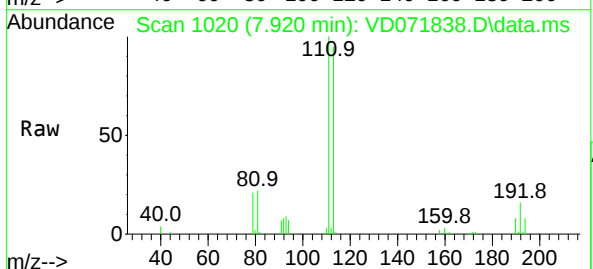
Tgt Ion:113 Resp: 213112

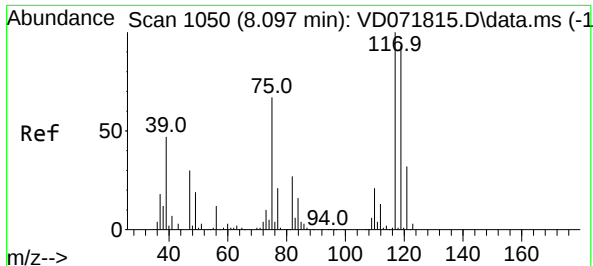
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

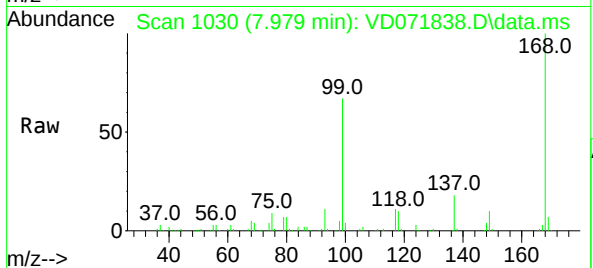
192 17.3 14.6 21.8



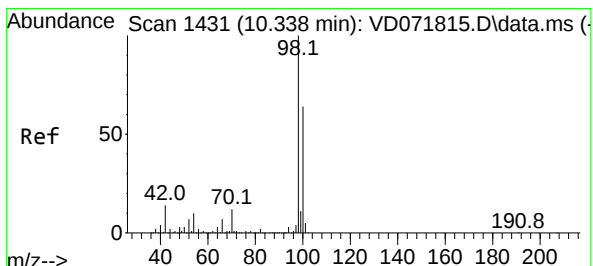
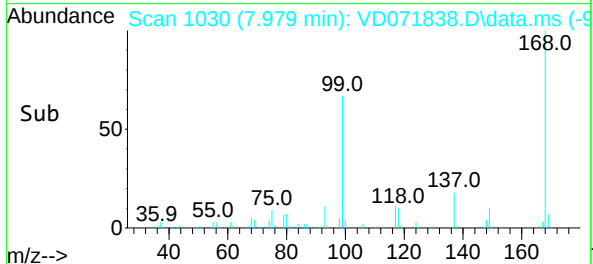
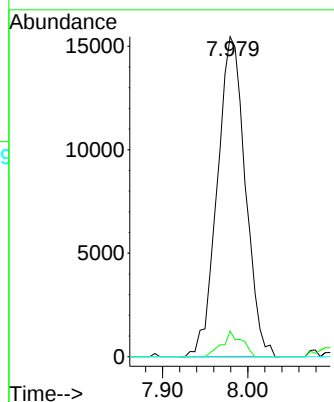


#38
Carbon Tetrachloride
Concen: 5.241 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

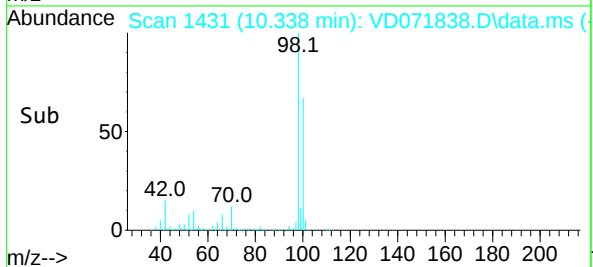
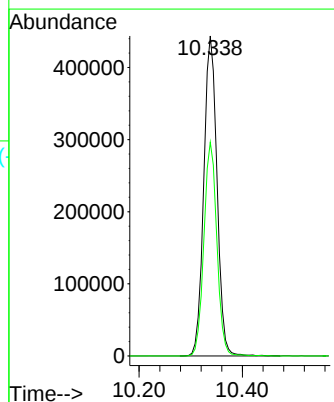
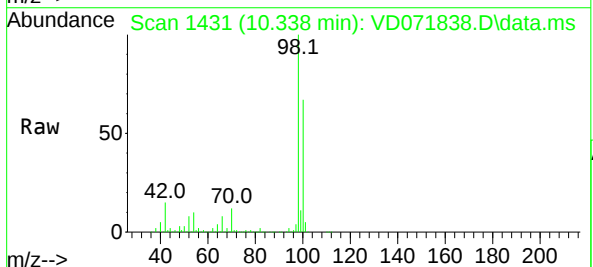


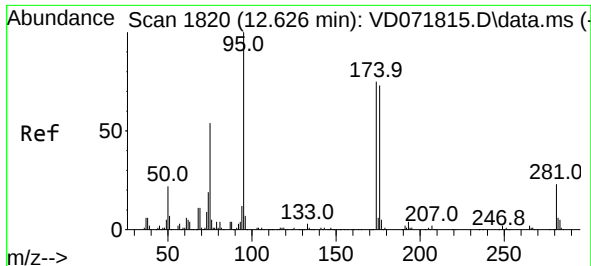
Tgt Ion:117 Resp: 35389
Ion Ratio Lower Upper
117 100
119 8.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.050 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

Tgt Ion: 98 Resp: 788197
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

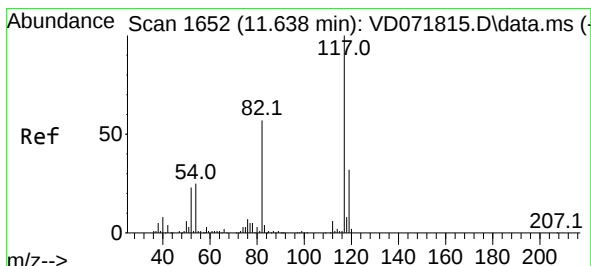
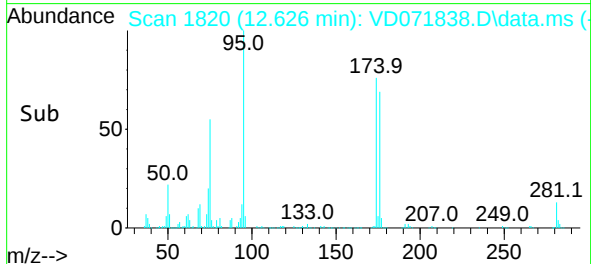
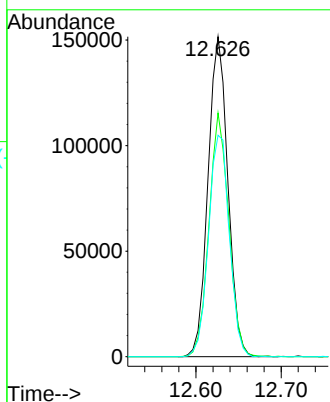
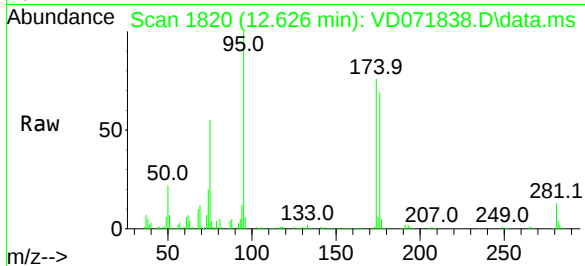




#62
4-Bromofluorobenzene
Concen: 47.270 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

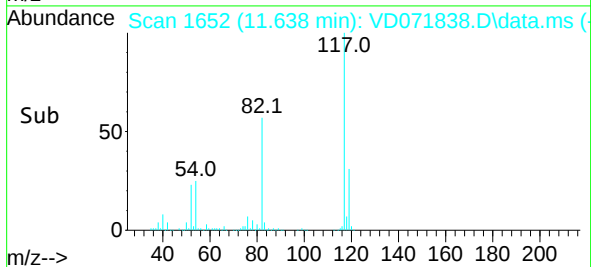
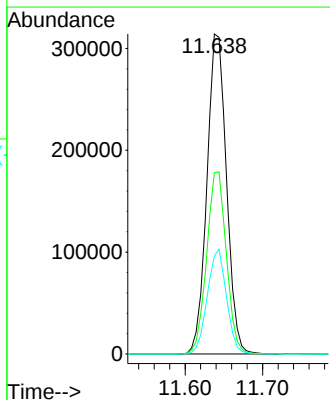
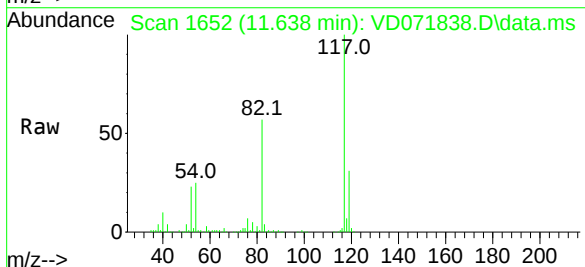
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

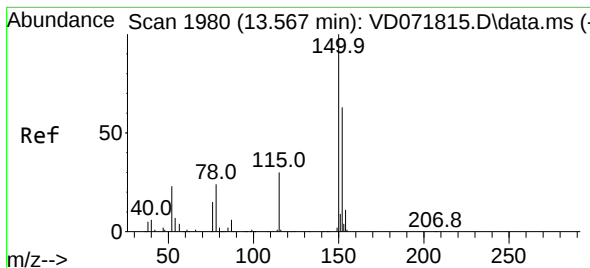
Tgt Ion: 95 Resp: 245258
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 72.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

Tgt Ion: 117 Resp: 550776
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 30.6 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: VD071838.D

Acq: 31 Jan 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBL01

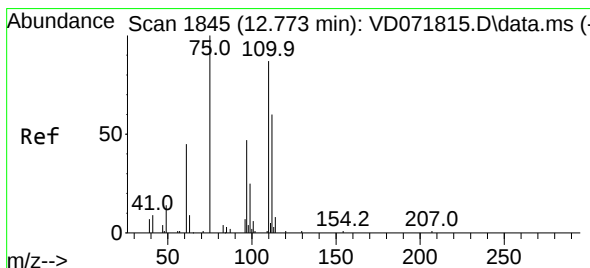
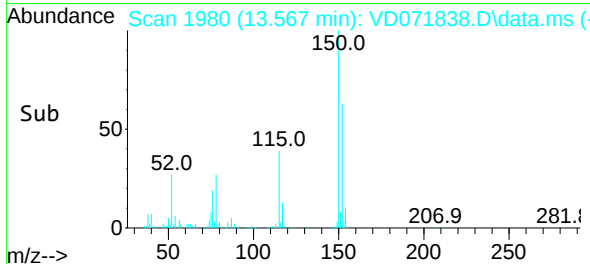
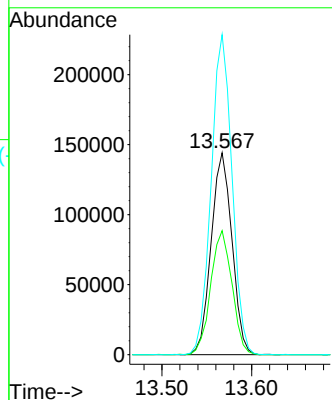
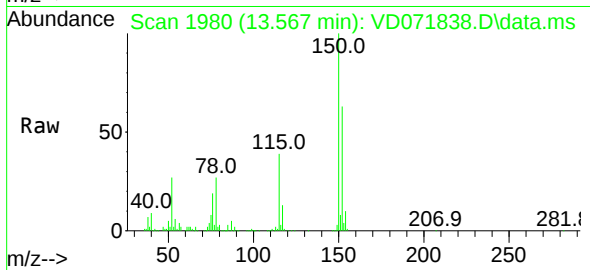
Tgt Ion:152 Resp: 232757

Ion Ratio Lower Upper

152 100

115 62.6 31.3 93.8

150 158.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 57.181 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.147 min

Lab File: VD071838.D

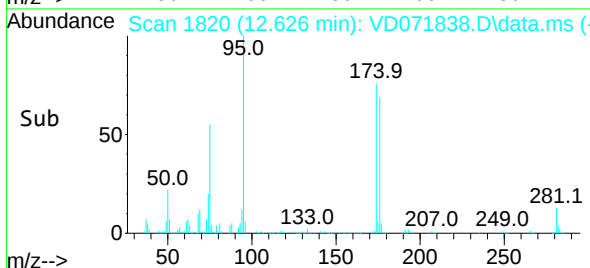
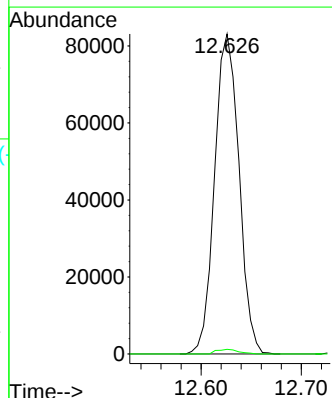
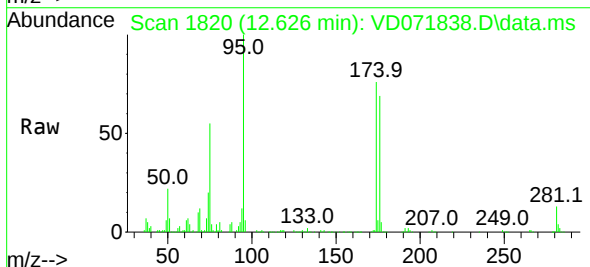
Acq: 31 Jan 2022 11:41

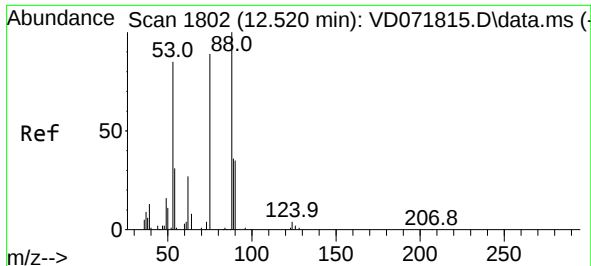
Tgt Ion: 75 Resp: 140264

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

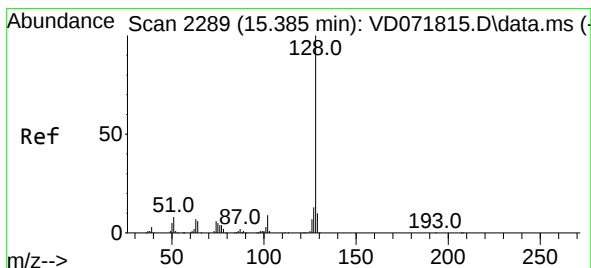
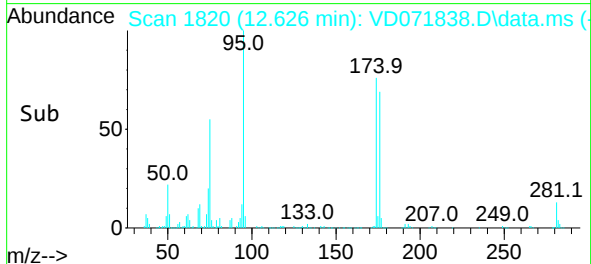
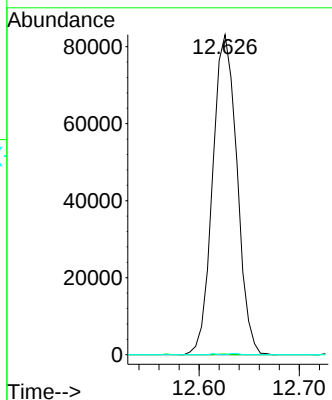
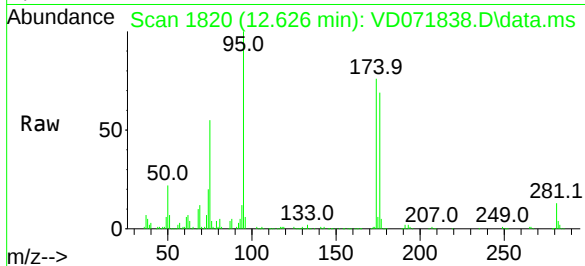




#81
trans-1,4-Dichloro-2-butene
Concen: 140.596 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

Tgt Ion: 75 Resp: 140264
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 1.680 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

Tgt Ion:128 Resp: 1883
Ion Ratio Lower Upper
128 100
127 5.2 10.3 15.5#
129 8.1 8.4 12.6#

