

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071984.D
 Acq On : 16 Feb 2022 10:55
 Operator : VA/SY
 Sample : VD0216SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0216SBL01

Quant Time: Feb 17 00:46:21 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)

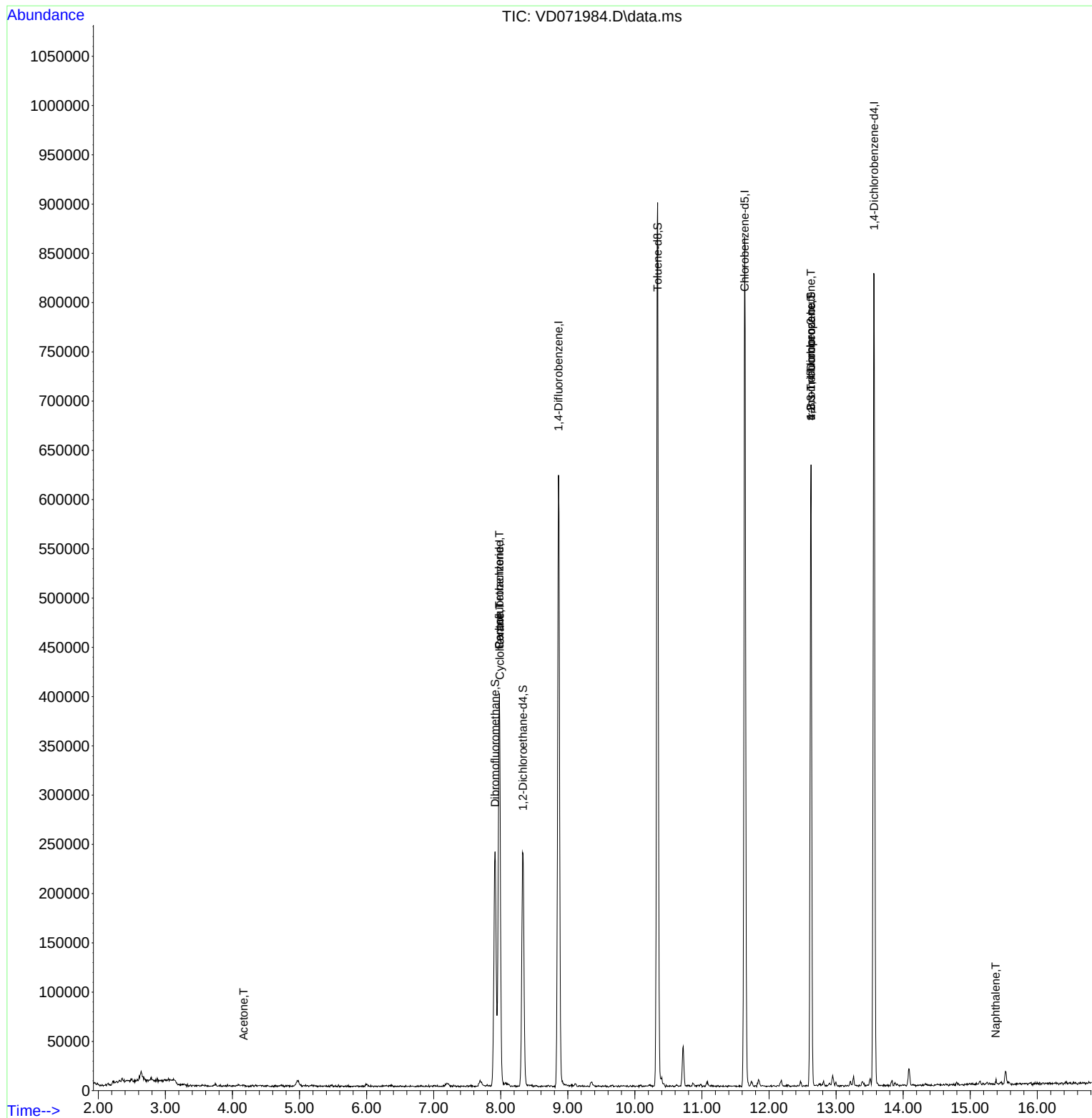
Internal Standards						
1) Pentafluorobenzene	7.979	168	266856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	491666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	448323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	203409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	193603	57.399	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.800%			
35) Dibromofluoromethane	7.914	113	168174	52.036	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.080%			
50) Toluene-d8	10.338	98	569742	47.203	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.400%			
62) 4-Bromofluorobenzene	12.626	95	189014	44.843	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.680%			
Target Compounds						
11) Tert butyl alcohol	5.226	59	59	Below Cal	#	74
16) Acetone	4.168	43	2606	2.822	ug/l #	81
20) Methylene Chloride	4.962	84	4208	Below Cal	#	64
31) Cyclohexane	7.985	56	9753	1.515	ug/l #	21
38) Carbon Tetrachloride	7.979	117	31099	5.669	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	107858	50.314	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	107858	123.712	ug/l #	7
95) Naphthalene	15.379	128	2301	1.770	ug/l #	88

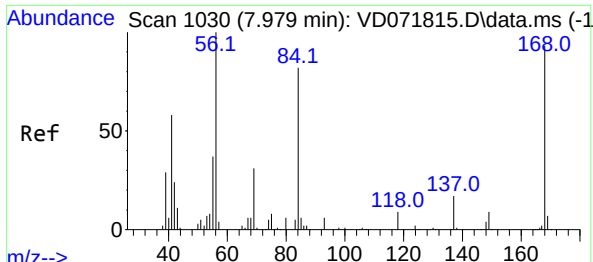
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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Quant Time: Feb 17 00:46:21 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

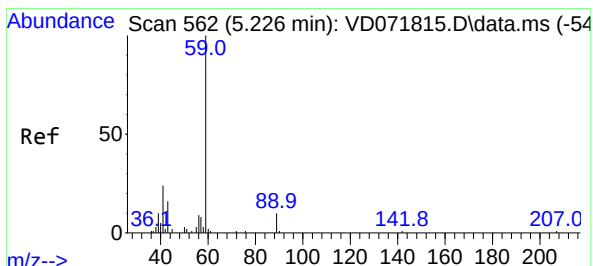
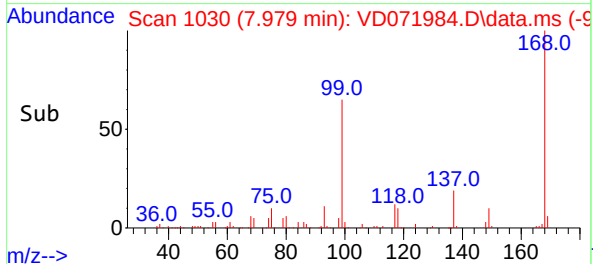
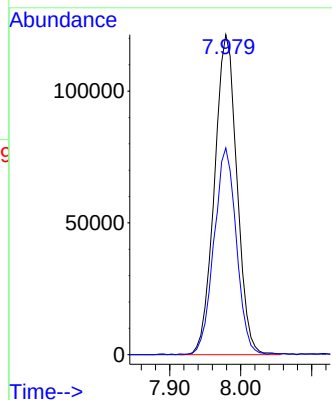
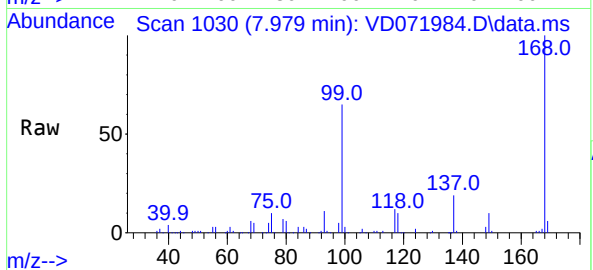




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071984.D
Acq: 16 Feb 2022 10:55

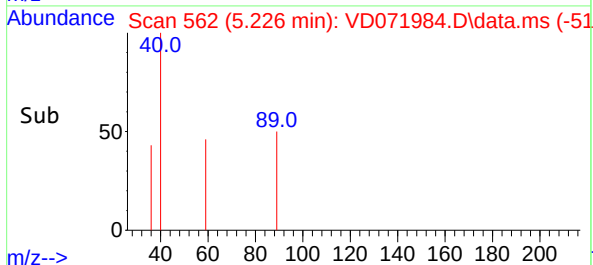
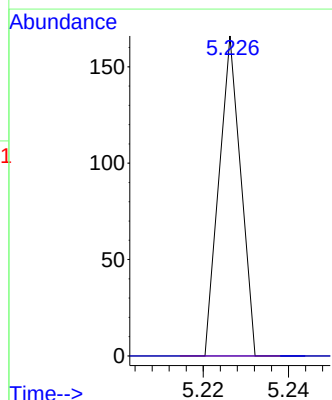
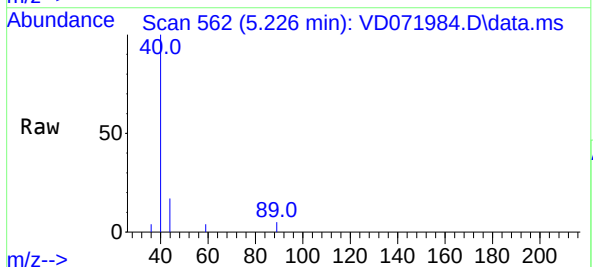
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBL01

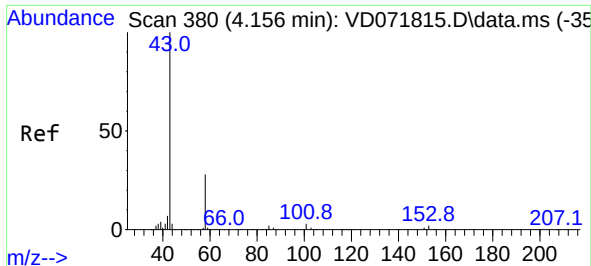
Tgt Ion:168 Resp: 266856
Ion Ratio Lower Upper
168 100
99 64.3 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD071984.D
Acq: 16 Feb 2022 10:55

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

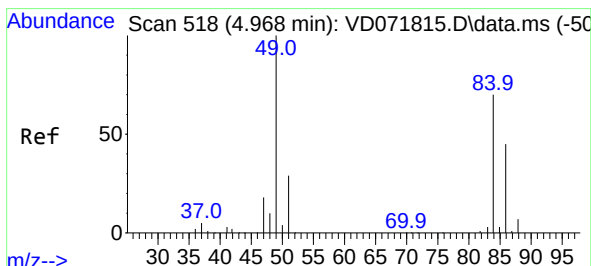
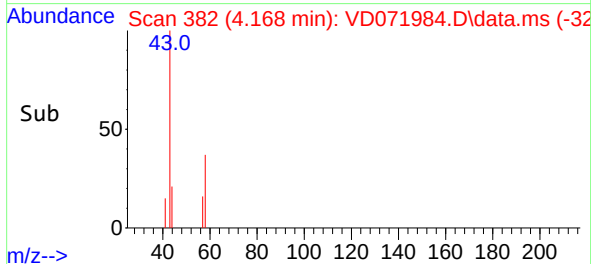
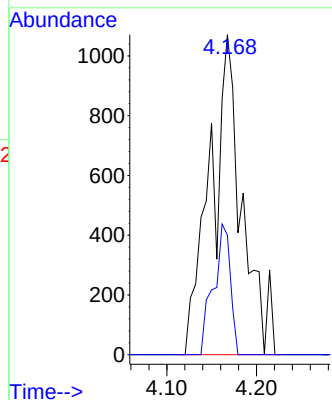
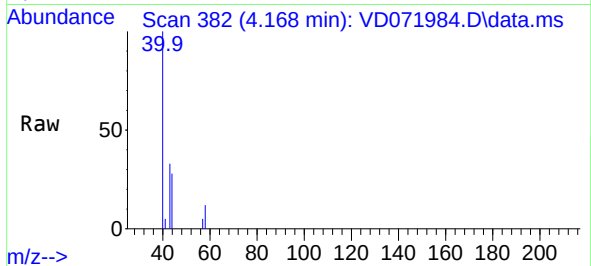




#16
Acetone
Concen: 2.822 ug/l
RT: 4.168 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD071984.D
Acq: 16 Feb 2022 10:55

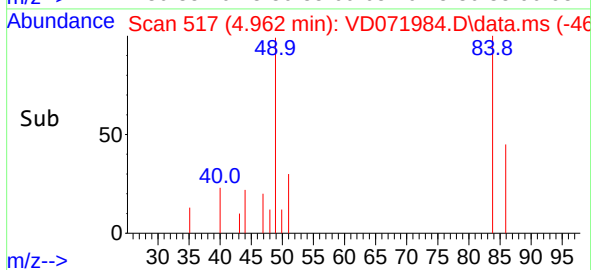
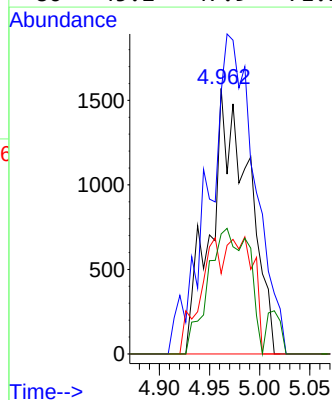
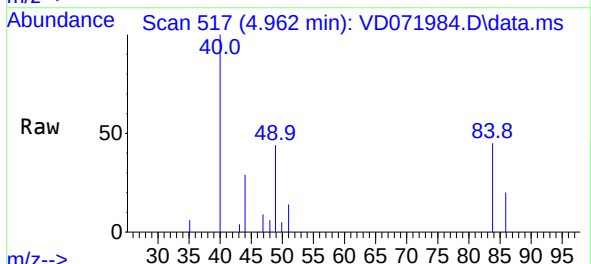
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBL01

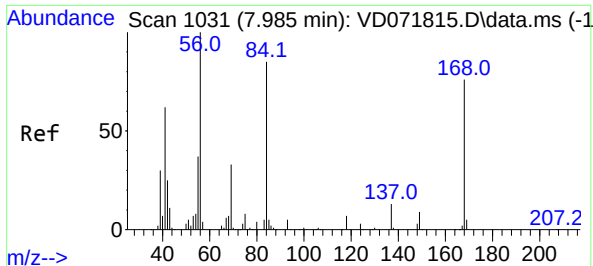
Tgt Ion: 43 Resp: 2606
Ion Ratio Lower Upper
43 100
58 37.3 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071984.D
Acq: 16 Feb 2022 10:55

Tgt Ion: 84 Resp: 4208
Ion Ratio Lower Upper
84 100
49 81.5 112.8 169.2#
51 30.3 32.6 48.8#
86 45.2 47.9 71.9#

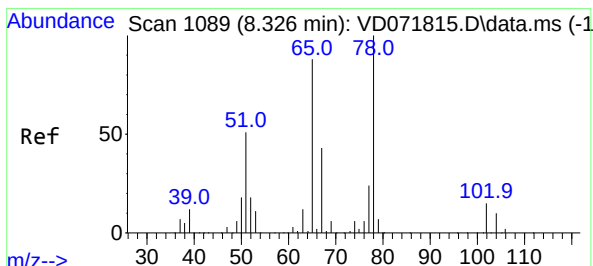
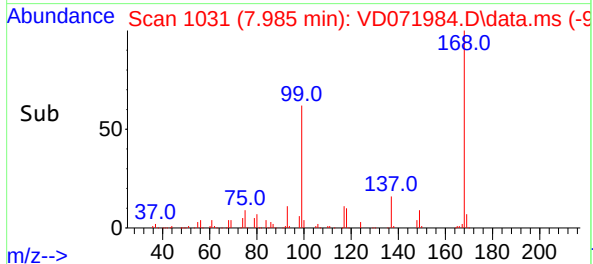
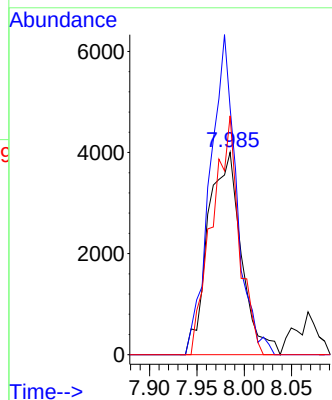
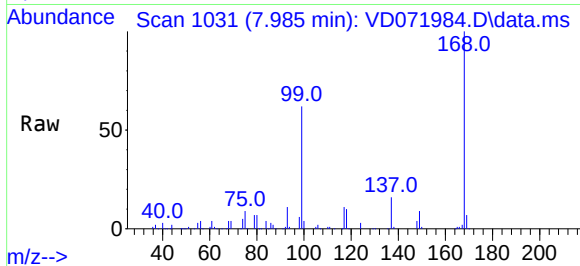




#31
Cyclohexane
Concen: 1.515 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD071984.D
Acq: 16 Feb 2022 10:55

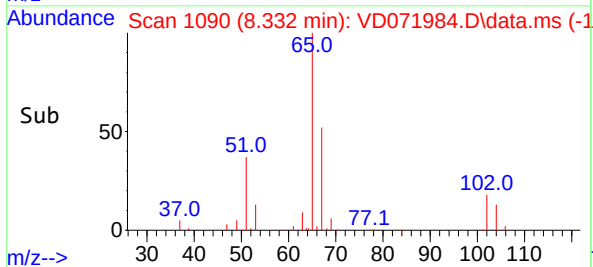
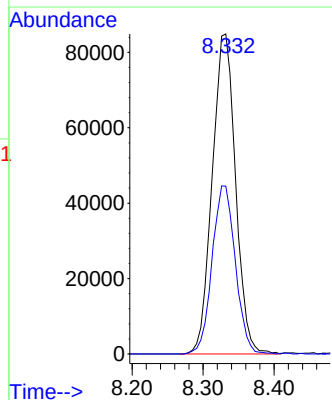
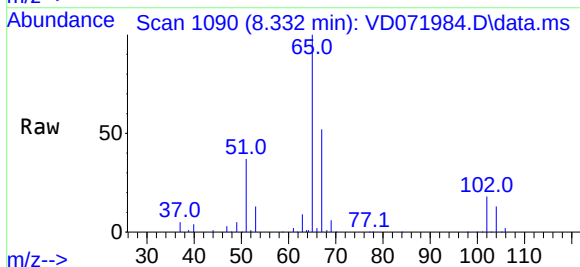
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBL01

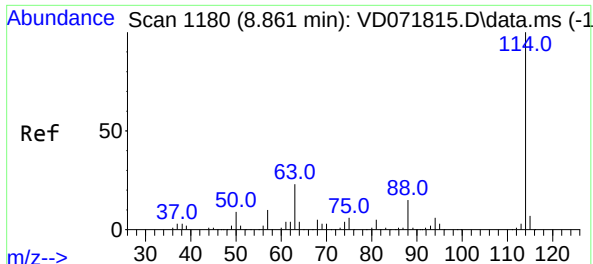
Tgt Ion: 56 Resp: 9753
Ion Ratio Lower Upper
56 100
69 122.1 25.4 38.2#
84 118.1 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 57.399 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071984.D
Acq: 16 Feb 2022 10:55

Tgt Ion: 65 Resp: 193603
Ion Ratio Lower Upper
65 100
67 52.3 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: VD071984.D

Acq: 16 Feb 2022 10:55

Instrument :

MSVOA_D

ClientSampleId :

VD0216SBL01

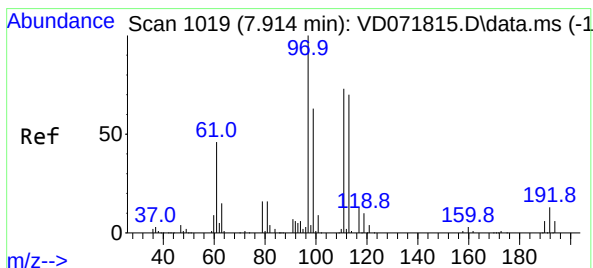
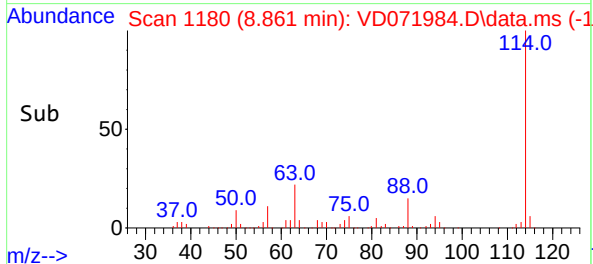
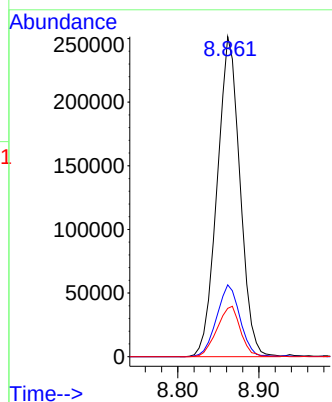
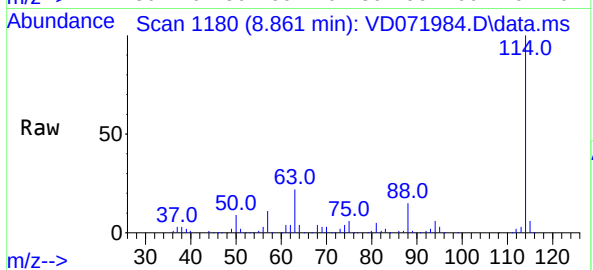
Tgt Ion:114 Resp: 491666

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.036 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071984.D

Acq: 16 Feb 2022 10:55

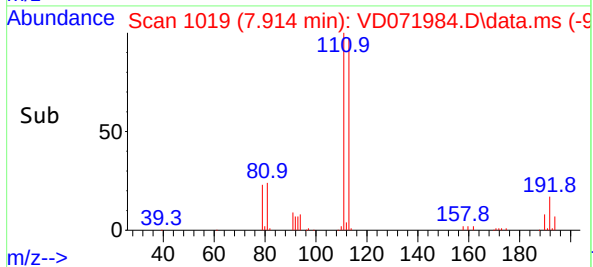
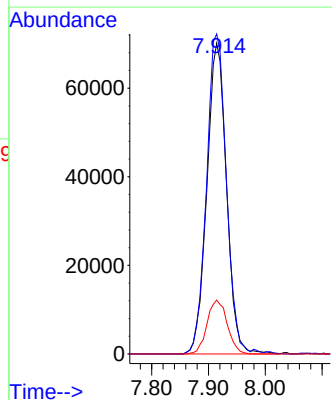
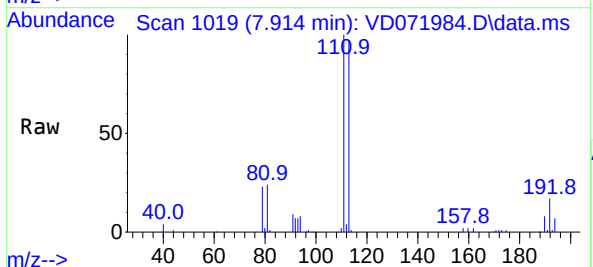
Tgt Ion:113 Resp: 168174

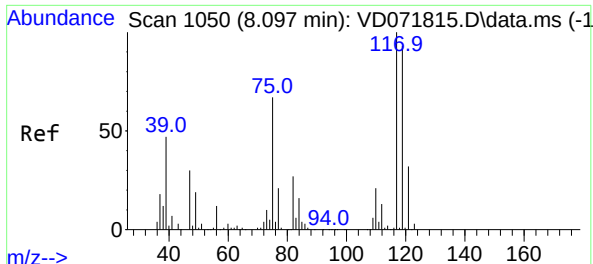
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

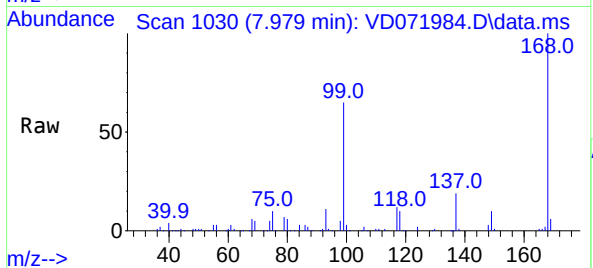
192 17.8 14.6 21.8



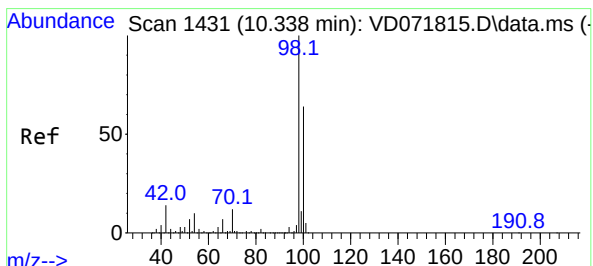
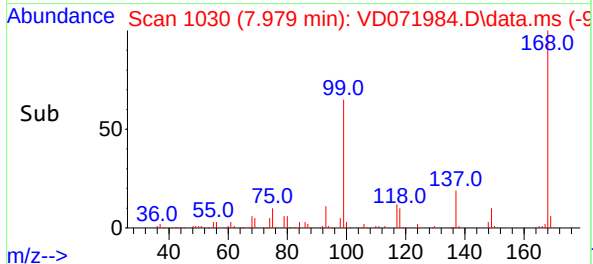
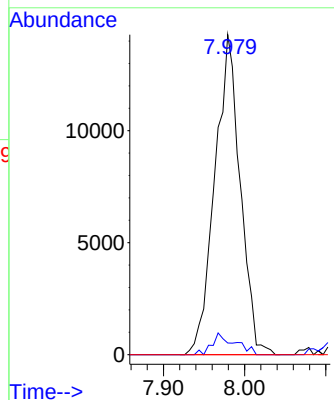


#38
Carbon Tetrachloride
Concen: 5.669 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071984.D
Acq: 16 Feb 2022 10:55

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBL01

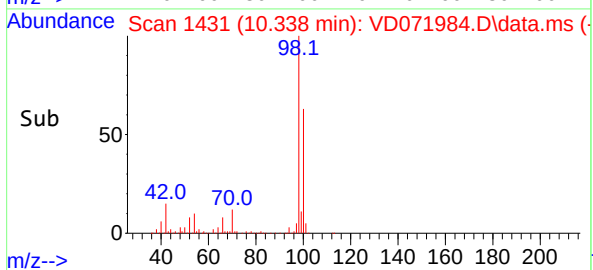
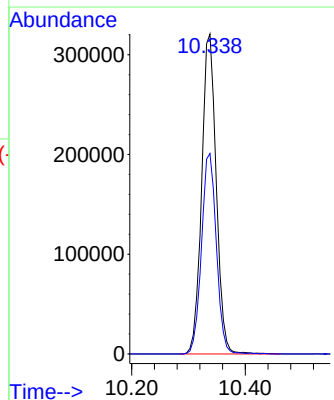
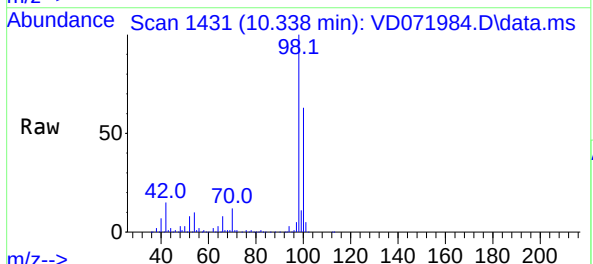


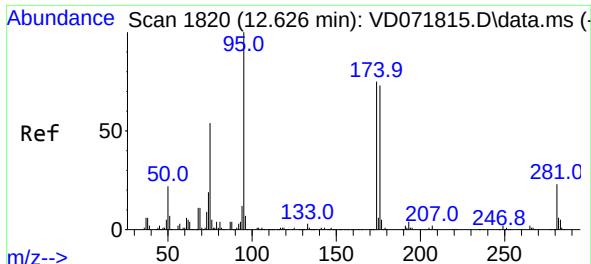
Tgt Ion:117 Resp: 31099
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 47.203 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071984.D
Acq: 16 Feb 2022 10:55

Tgt Ion: 98 Resp: 569742
Ion Ratio Lower Upper
98 100
100 63.9 52.4 78.6

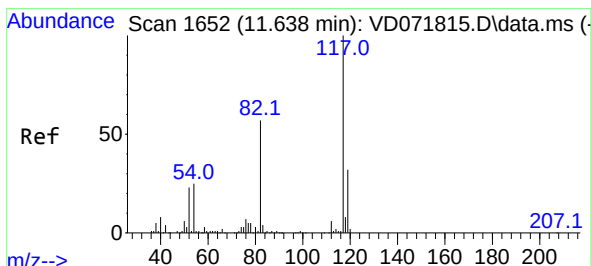
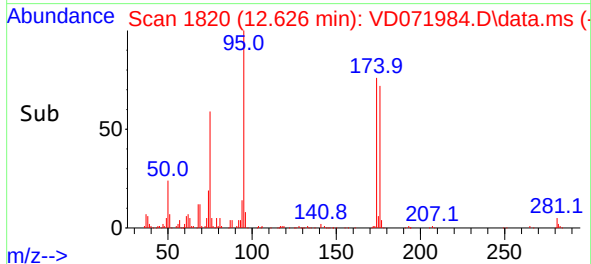
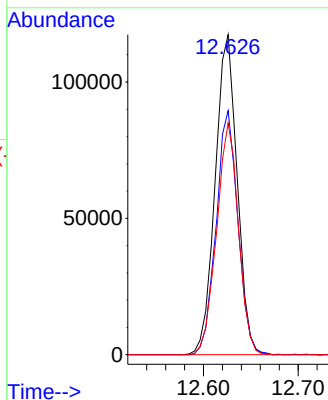
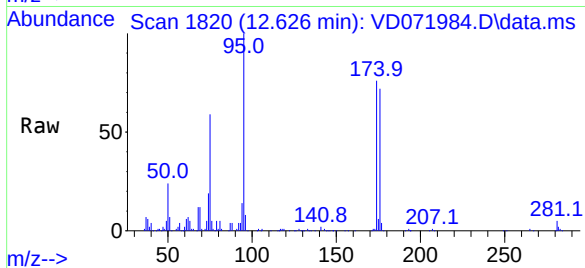




#62
4-Bromofluorobenzene
Concen: 44.843 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071984.D
Acq: 16 Feb 2022 10:55

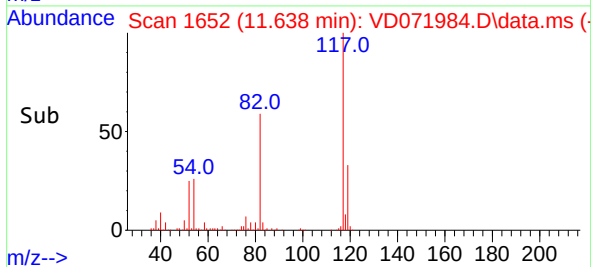
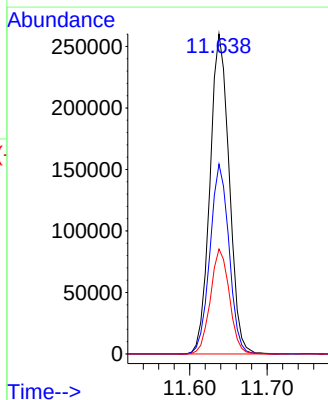
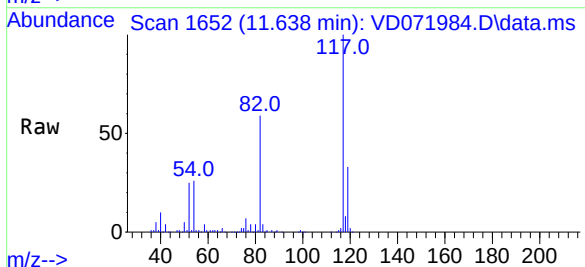
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBL01

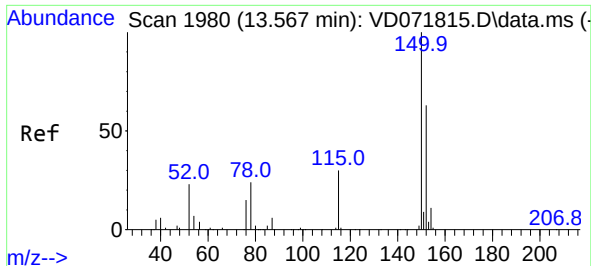
Tgt Ion: 95 Resp: 189014
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 71.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071984.D
Acq: 16 Feb 2022 10:55

Tgt Ion: 117 Resp: 448323
Ion Ratio Lower Upper
117 100
82 59.3 45.3 67.9
119 32.8 26.6 40.0

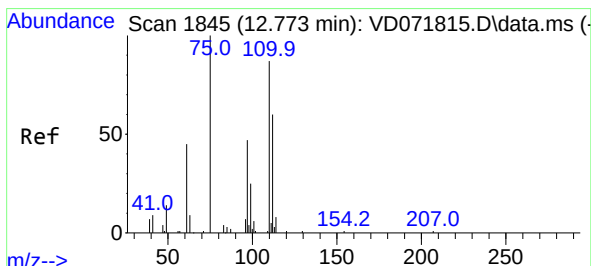
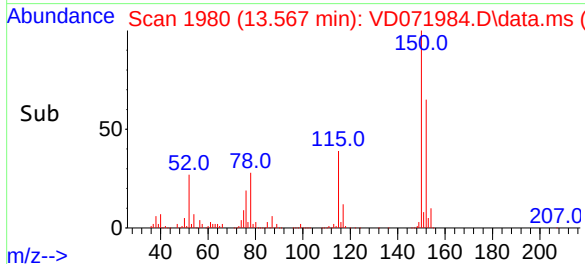
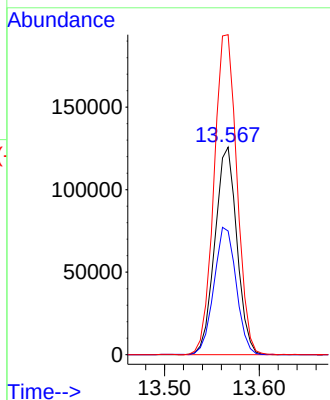
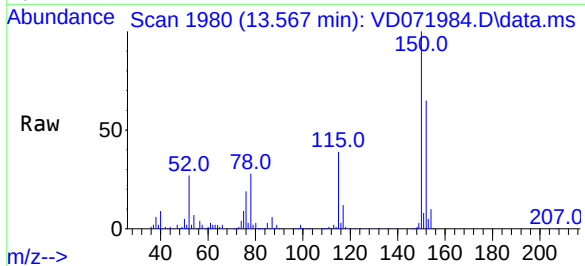




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071984.D
Acq: 16 Feb 2022 10:55

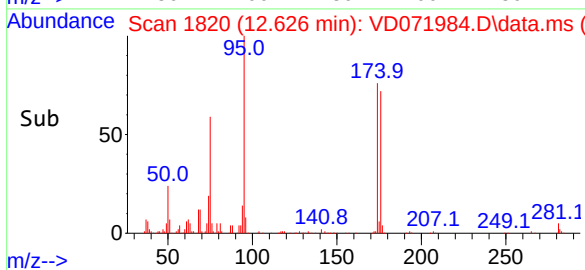
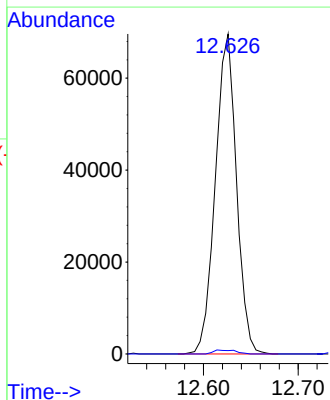
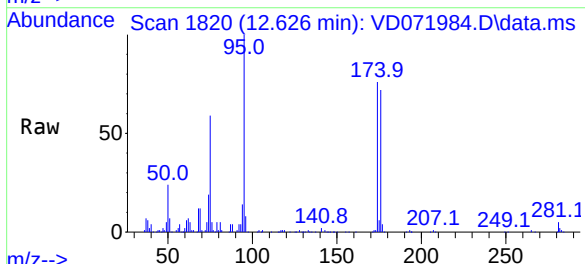
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBL01

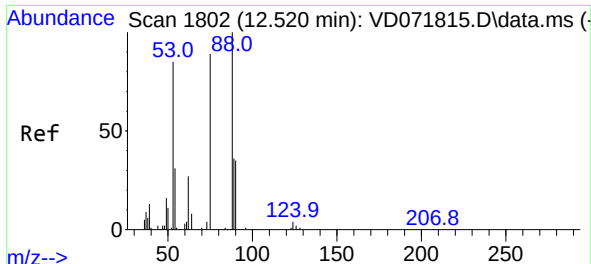
Tgt Ion:152 Resp: 203409
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.8
150 160.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 50.314 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071984.D
Acq: 16 Feb 2022 10:55

Tgt Ion: 75 Resp: 107858
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

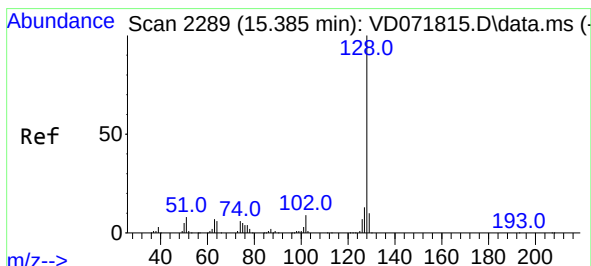
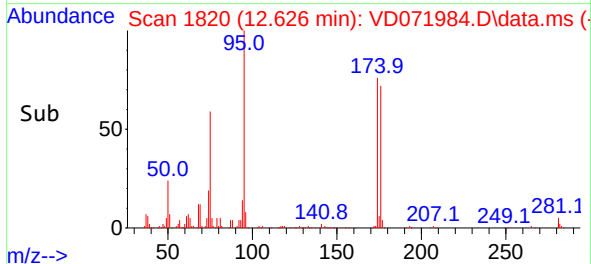
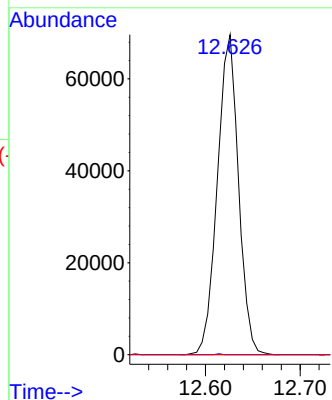
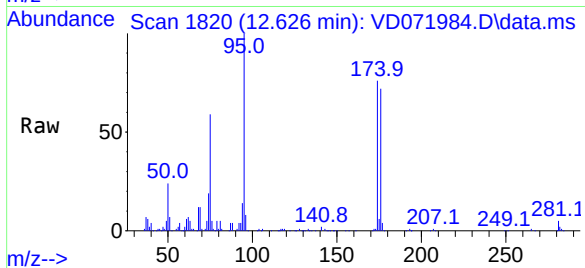




#81
trans-1,4-Dichloro-2-butene
Concen: 123.712 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071984.D
Acq: 16 Feb 2022 10:55

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBL01

Tgt Ion: 75 Resp: 107858
Ion Ratio Lower Upper
75 100
53 0.1 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: VD071984.D
Acq: 16 Feb 2022 10:55

Tgt Ion:128 Resp: 2301
Ion Ratio Lower Upper
128 100
127 11.2 10.3 15.5
129 2.4 8.4 12.6#

