

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071851.D
 Acq On : 31 Jan 2022 17:58
 Operator : VA/SY
 Sample : N1335-01
 Misc : 7.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-3S

Quant Time: Feb 01 04:04:44 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)

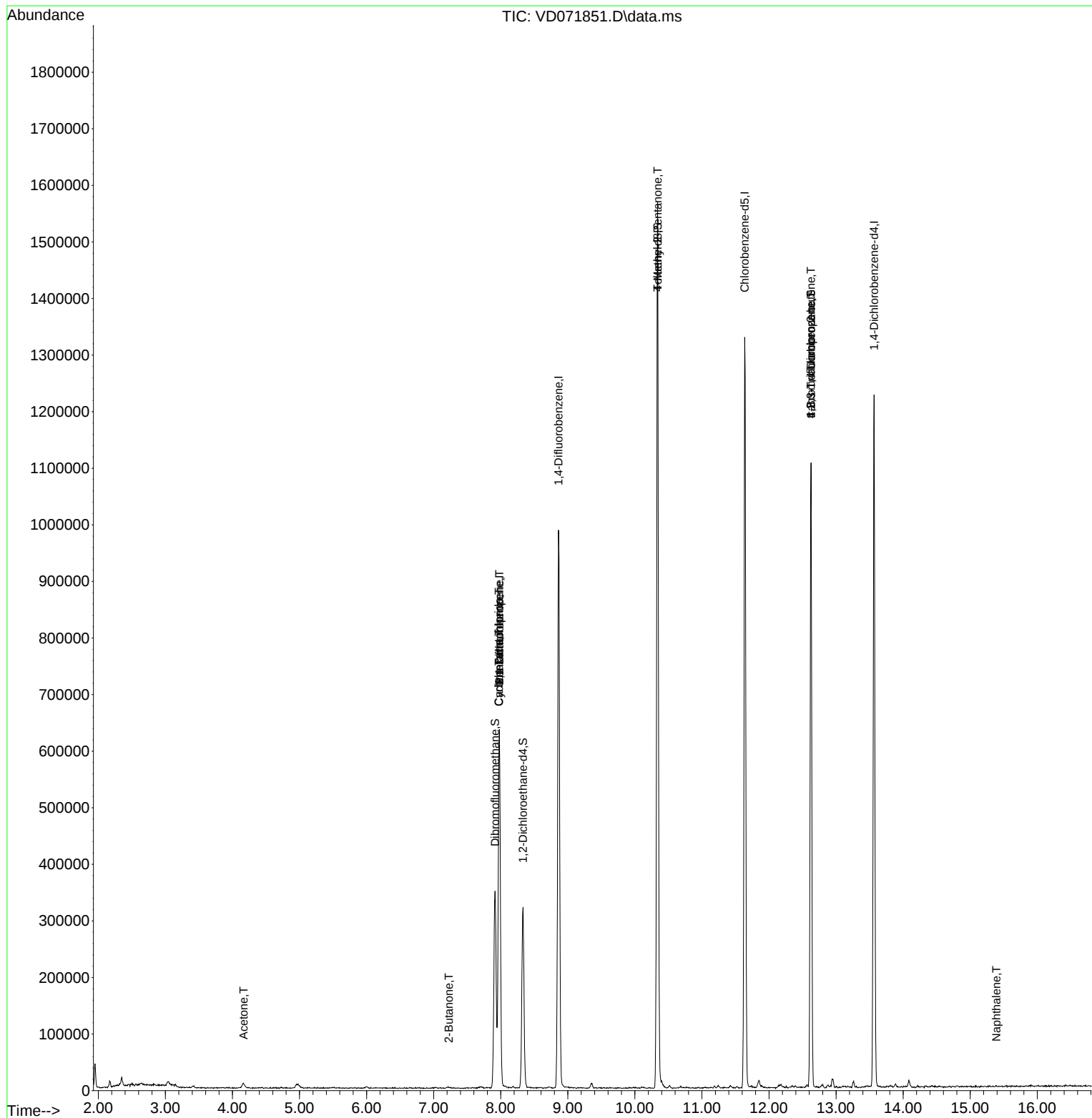
Internal Standards						
1) Pentafluorobenzene	7.979	168	439251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	787054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	715454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	298556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	255935	46.099	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.200%
35) Dibromofluoromethane	7.914	113	250647	48.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.900%
50) Toluene-d8	10.338	98	1009248	52.235	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.460%
62) 4-Bromofluorobenzene	12.626	95	311260	46.131	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.179	59	69	Below Cal	#	74
16) Acetone	4.168	43	14831	9.759	ug/l	95
20) Methylene Chloride	4.956	84	4527	Below Cal	#	89
25) 2-Butanone	7.226	43	2814	1.588	ug/l	99
31) Cyclohexane	7.973	56	14049	1.325	ug/l	# 17
36) 1,1-Dichloropropene	7.979	75	40202	4.527	ug/l	# 51
38) Carbon Tetrachloride	7.973	117	48884	5.567	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.338	43	5496	1.415	ug/l	# 1
76) 1,2,3-Trichloropropane	12.626	75	179311	56.989	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	179311	140.123	ug/l	# 7
95) Naphthalene	15.390	128	1609	1.604	ug/l	# 70

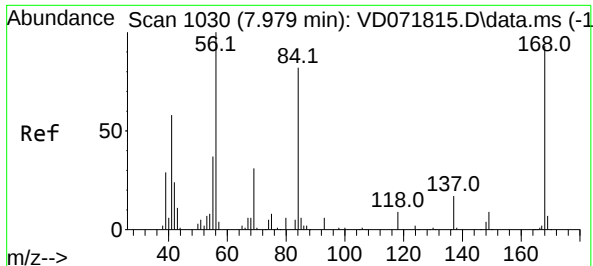
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
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Quant Time: Feb 01 04:04:44 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

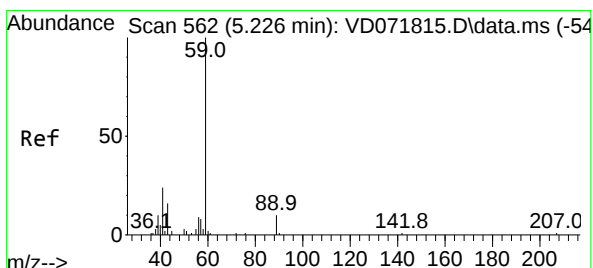
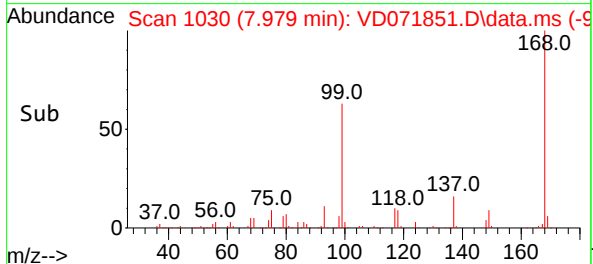
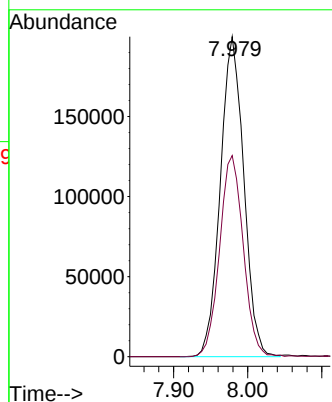
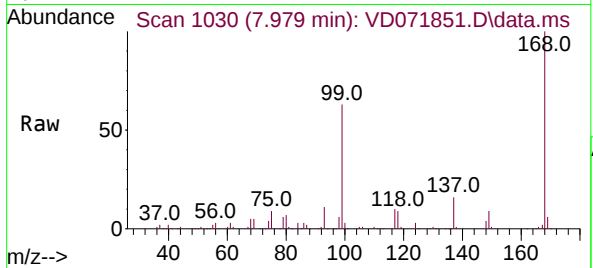




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 31 Jan 2022 17:58

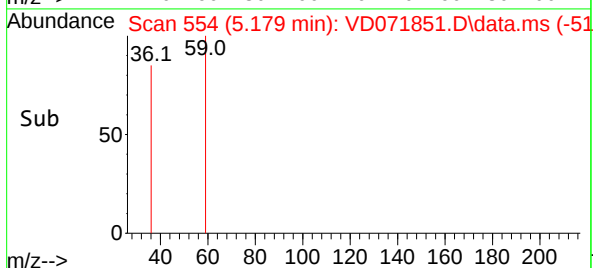
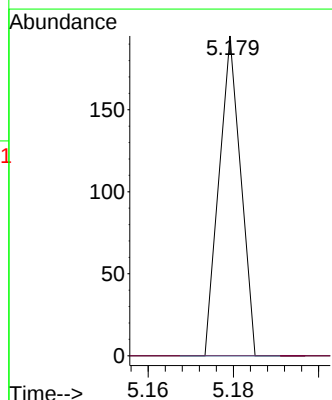
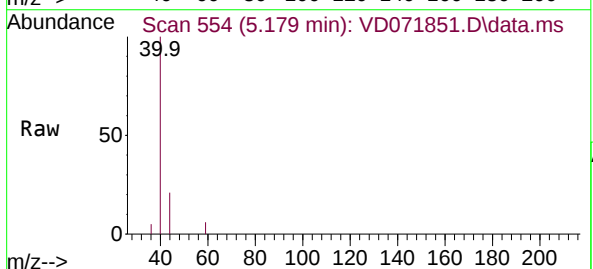
Instrument :
MSVOA_D
ClientSampleId :
MH-3S

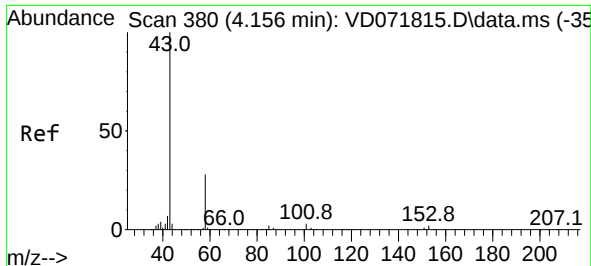
Tgt Ion:168 Resp: 439251
Ion Ratio Lower Upper
168 100
99 62.9 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.041 min
Lab File: VD071815.D
Acq: 31 Jan 2022 17:58

Tgt Ion: 59 Resp: 69
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

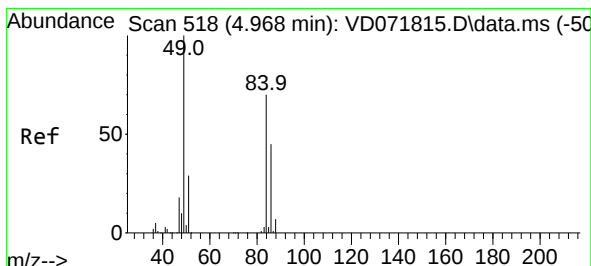
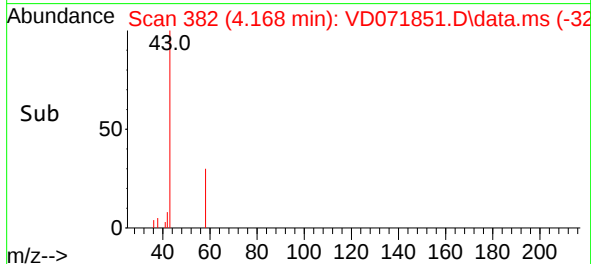
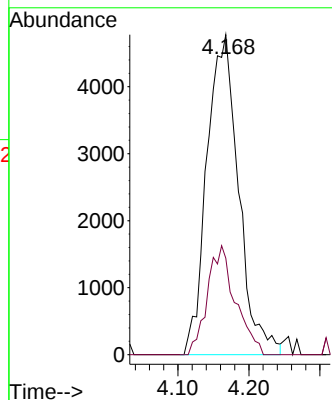
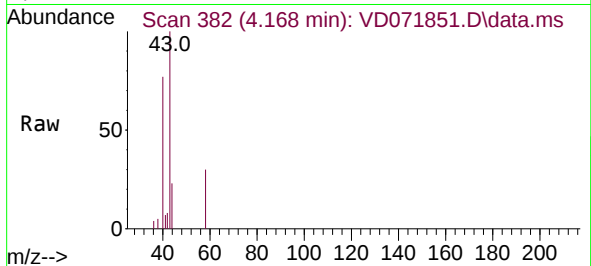




#16
Acetone
Concen: 9.759 ug/l
RT: 4.168 min Scan# 380
Delta R.T. 0.012 min
Lab File: VD071815.D
Acq: 31 Jan 2022 17:58

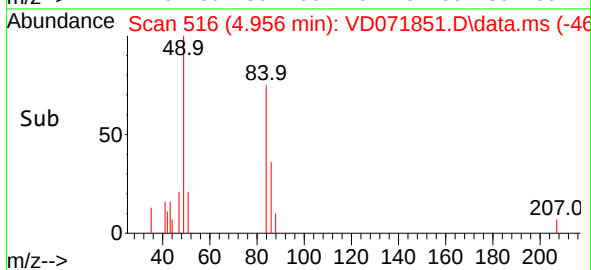
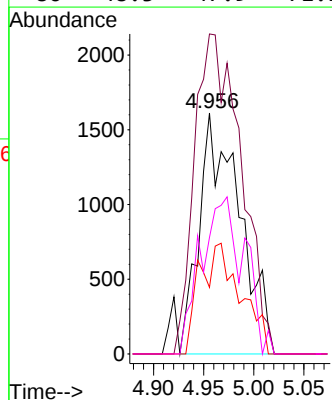
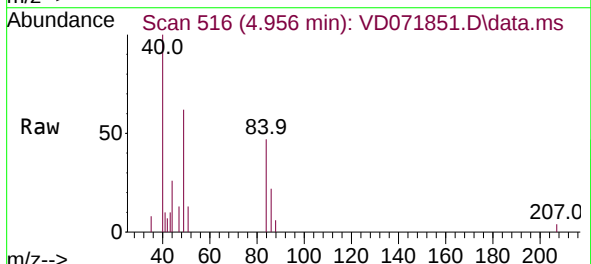
Instrument :
MSVOA_D
ClientSampleId :
MH-3S

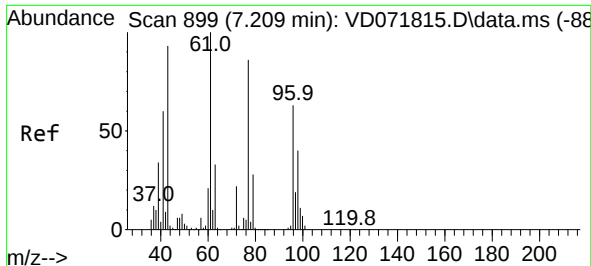
Tgt Ion: 43 Resp: 14831
Ion Ratio Lower Upper
43 100
58 30.2 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD071815.D
Acq: 31 Jan 2022 17:58

Tgt Ion: 84 Resp: 4527
Ion Ratio Lower Upper
84 100
49 132.8 112.8 169.2
51 27.7 32.6 48.8#
86 48.3 47.9 71.9





#25

2-Butanone

Concen: 1.588 ug/l

RT: 7.226 min Scan# 902

Delta R.T. 0.012 min

Lab File: VD071815.D

Acq: 31 Jan 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

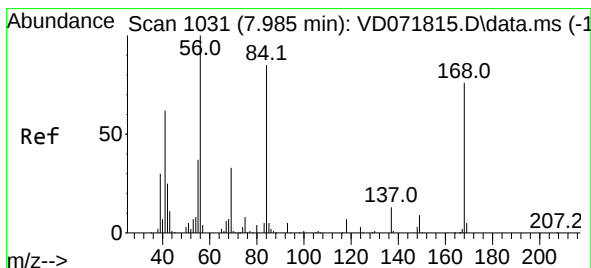
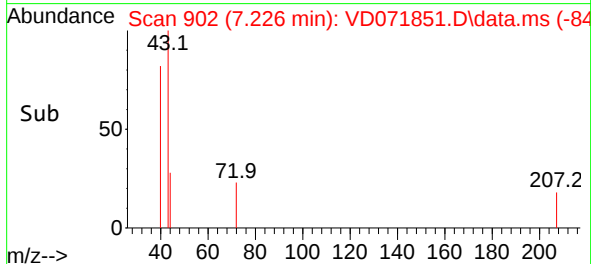
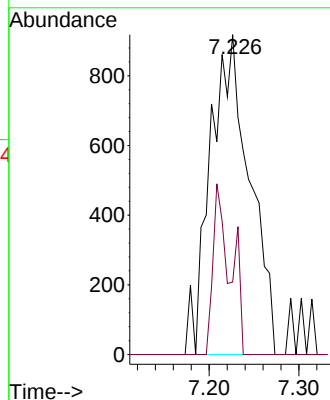
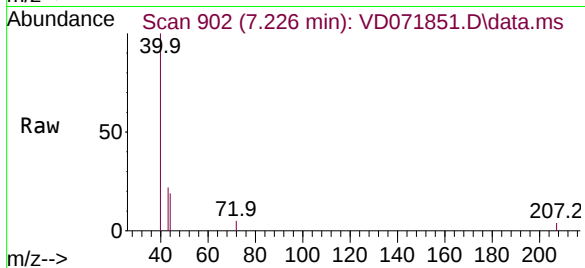
MH-3S

Tgt Ion: 43 Resp: 2814

Ion Ratio Lower Upper

43 100

72 22.7 18.6 27.8



#31

Cyclohexane

Concen: 1.325 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071815.D

Acq: 31 Jan 2022 17:58

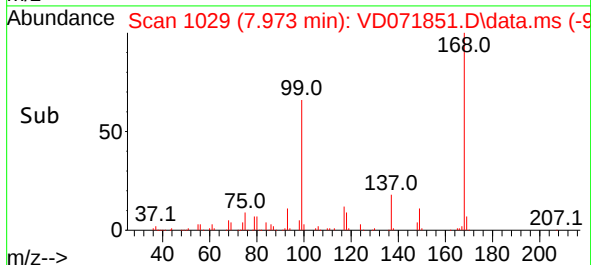
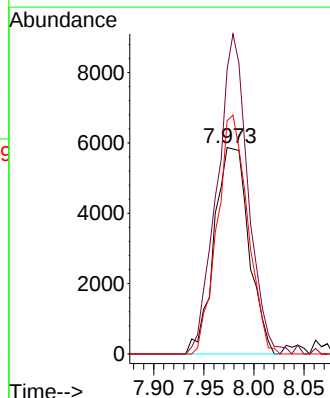
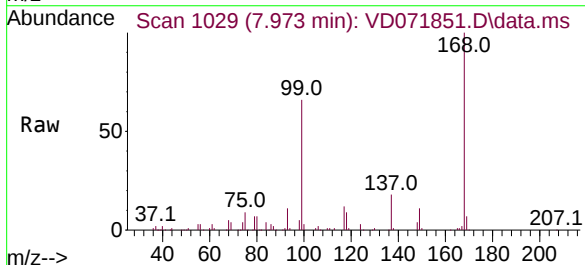
Tgt Ion: 56 Resp: 14049

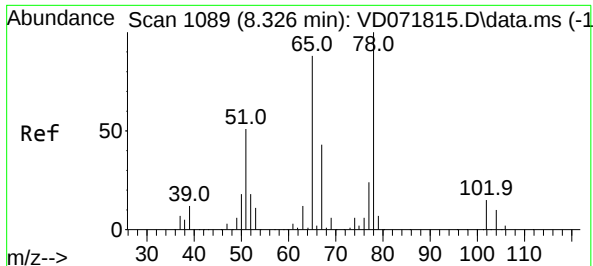
Ion Ratio Lower Upper

56 100

69 137.6 25.4 38.2#

84 112.9 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 46.099 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071851.D

Acq: 31 Jan 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

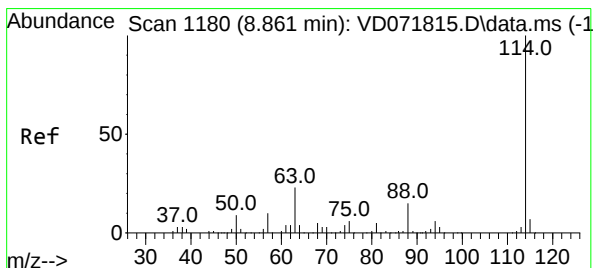
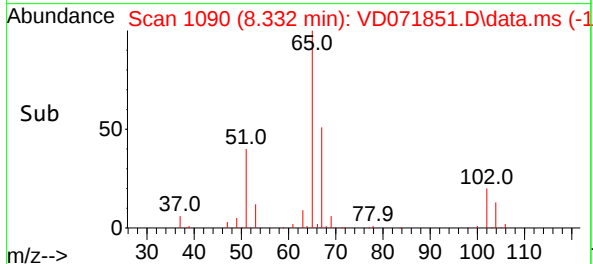
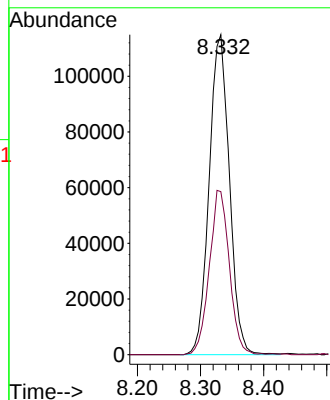
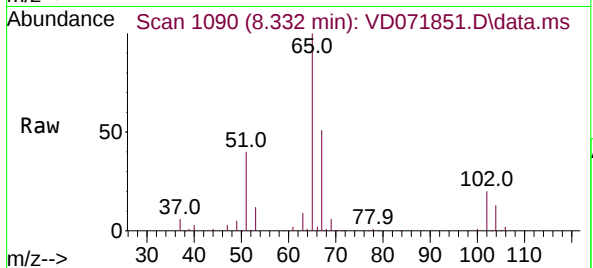
MH-3S

Tgt Ion: 65 Resp: 255935

Ion Ratio Lower Upper

65 100

67 50.7 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: VD071851.D

Acq: 31 Jan 2022 17:58

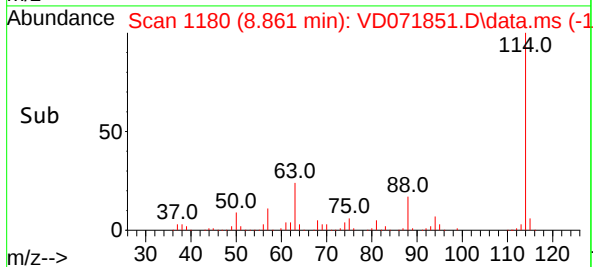
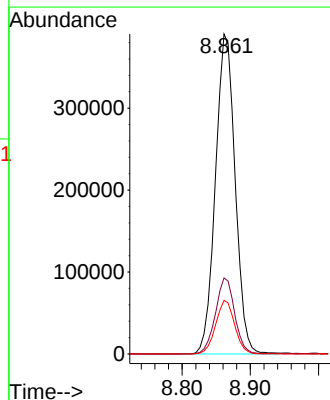
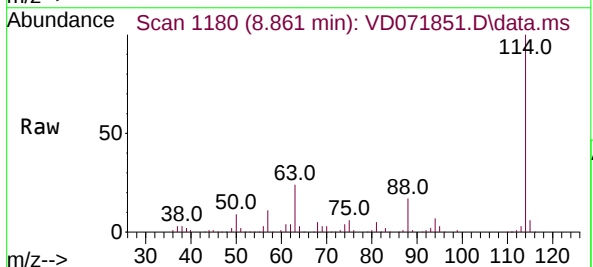
Tgt Ion: 114 Resp: 787054

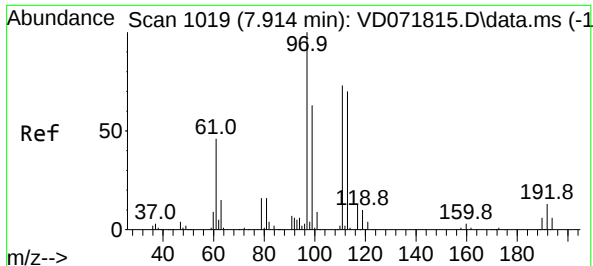
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.6

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.448 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071815.D

Acq: 31 Jan 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

MH-3S

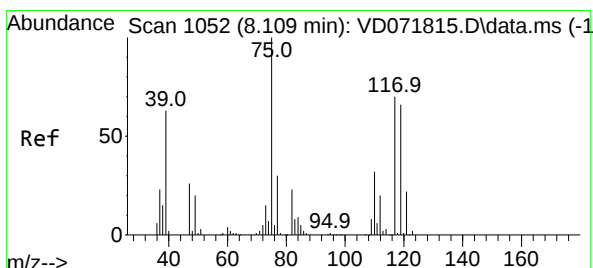
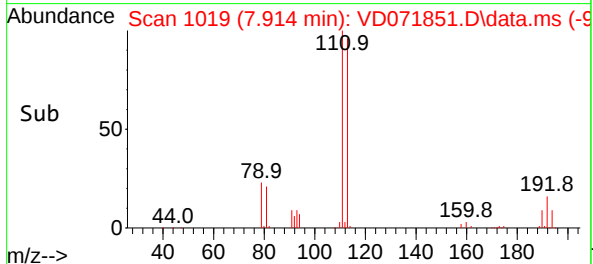
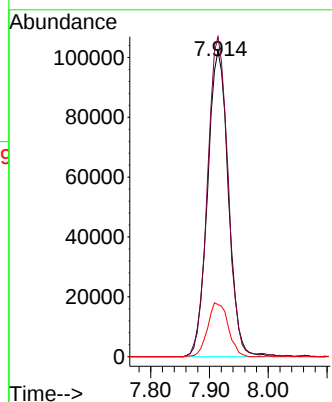
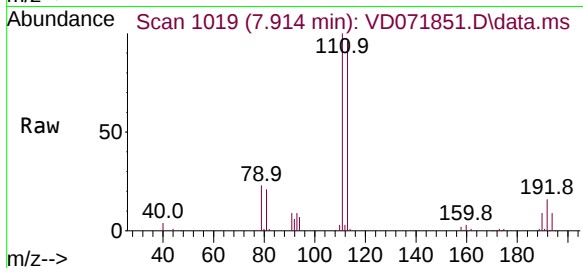
Tgt Ion:113 Resp: 250647

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 17.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.527 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071815.D

Acq: 31 Jan 2022 17:58

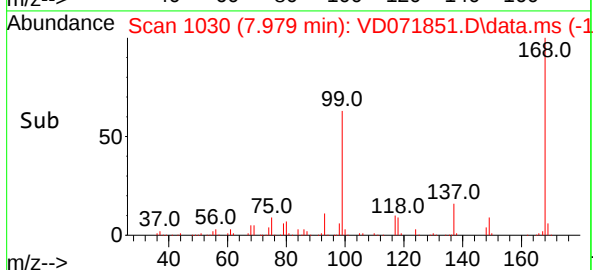
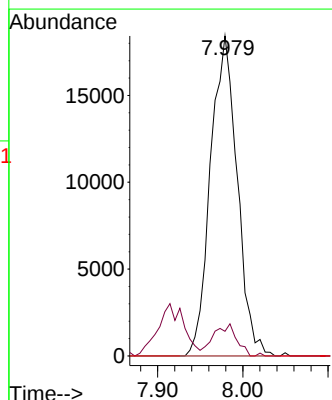
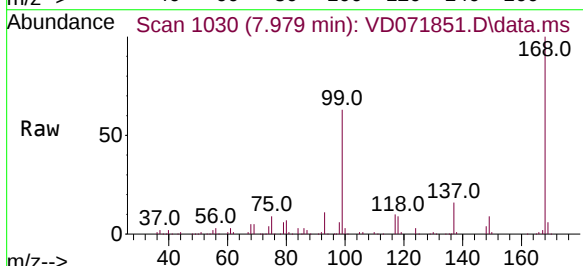
Tgt Ion: 75 Resp: 40202

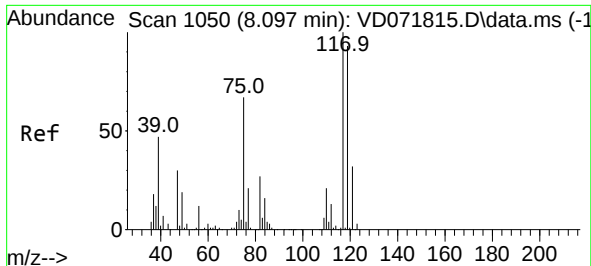
Ion Ratio Lower Upper

75 100

110 8.6 16.4 49.1#

77 0.0 24.2 36.2#

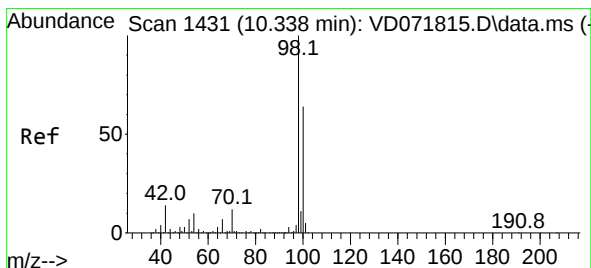
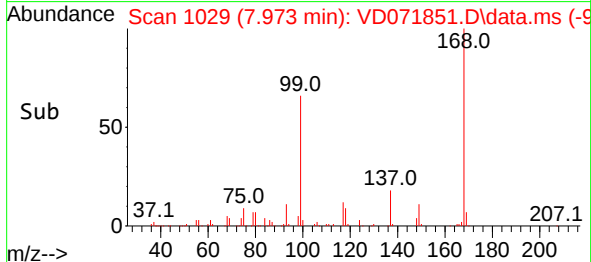
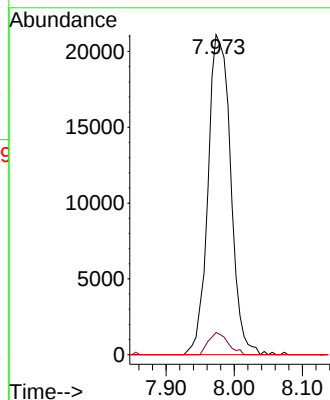
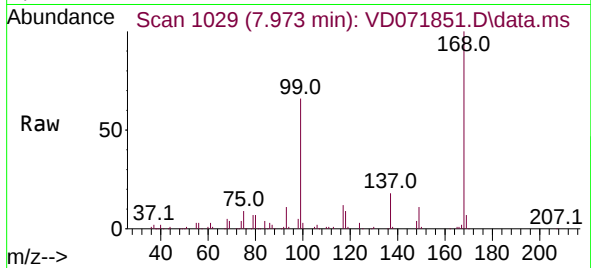




#38
Carbon Tetrachloride
Concen: 5.567 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071851.D
Acq: 31 Jan 2022 17:58

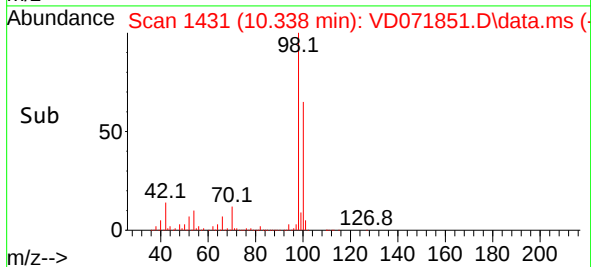
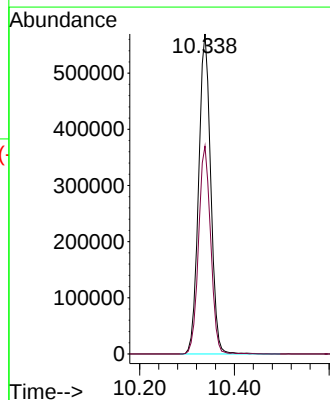
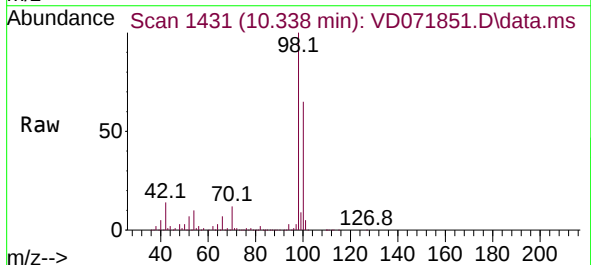
Instrument :
MSVOA_D
ClientSampleId :
MH-3S

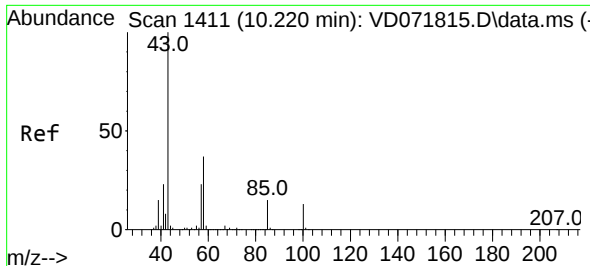
Tgt Ion:117 Resp: 48884
Ion Ratio Lower Upper
117 100
119 7.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.235 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071851.D
Acq: 31 Jan 2022 17:58

Tgt Ion: 98 Resp: 1009248
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 1.415 ug/l

RT: 10.338 min Scan# 1411

Delta R.T. 0.112 min

Lab File: VD071815.D

Acq: 31 Jan 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

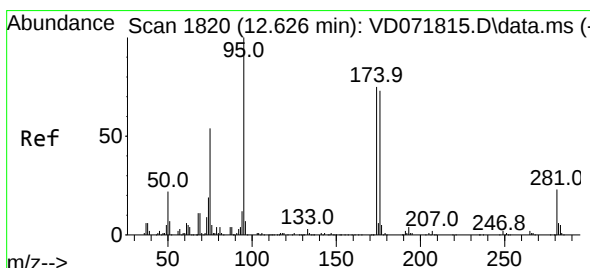
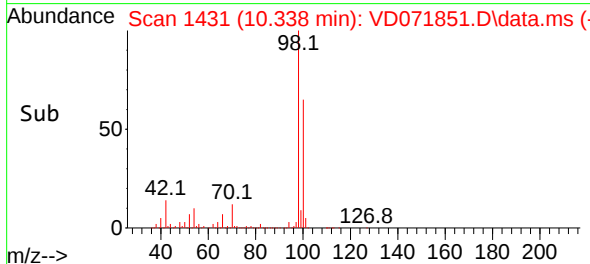
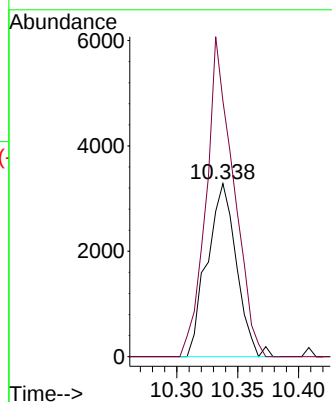
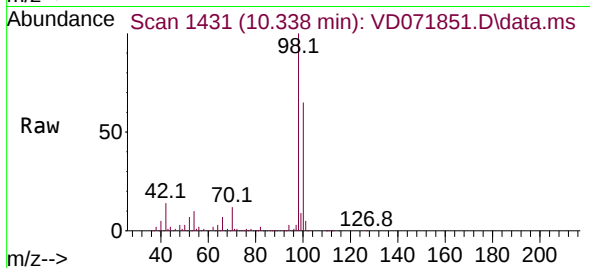
MH-3S

Tgt Ion: 43 Resp: 5496

Ion Ratio Lower Upper

43 100

58 172.7 28.6 43.0#



#62

4-Bromofluorobenzene

Concen: 46.131 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.000 min

Lab File: VD071851.D

Acq: 31 Jan 2022 17:58

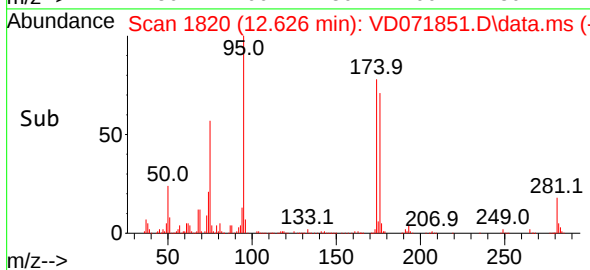
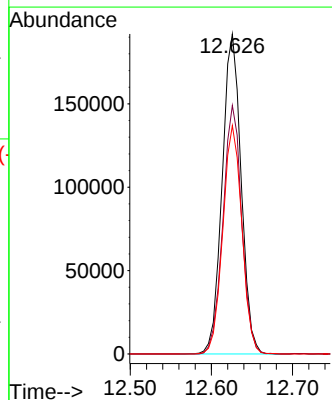
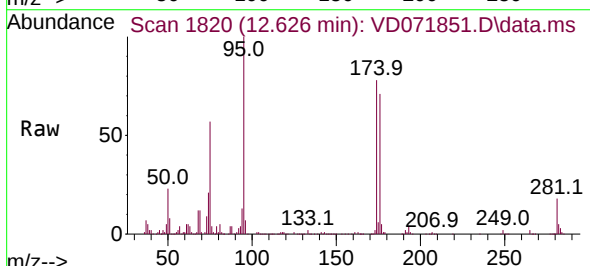
Tgt Ion: 95 Resp: 311260

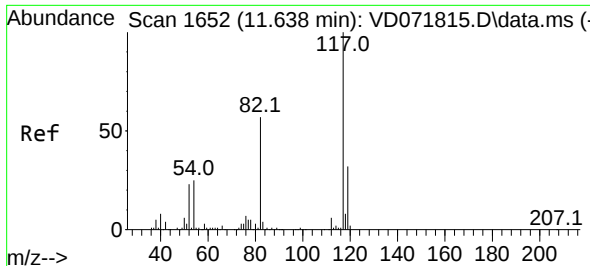
Ion Ratio Lower Upper

95 100

174 77.1 0.0 152.8

176 71.8 0.0 145.4

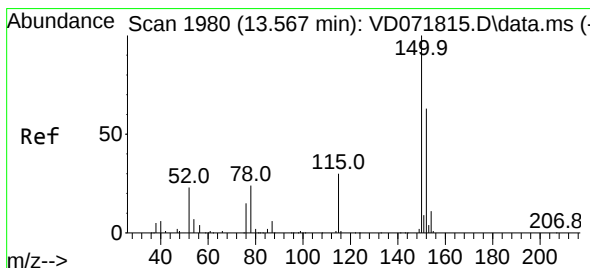
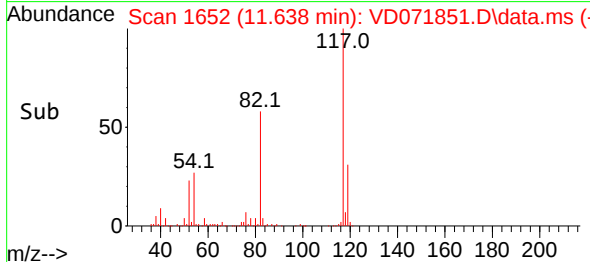
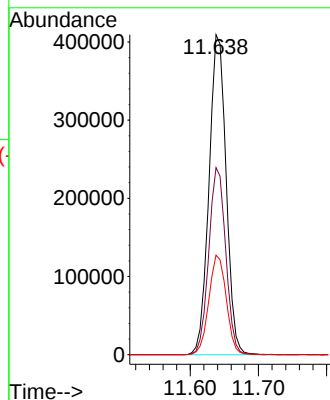
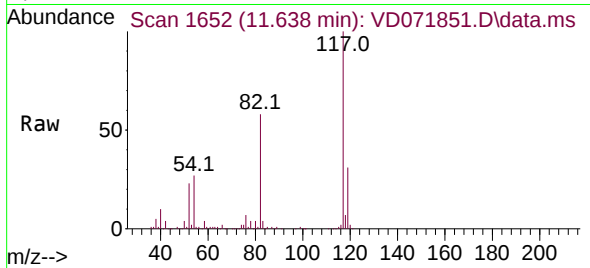




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071815.D
Acq: 31 Jan 2022 17:58

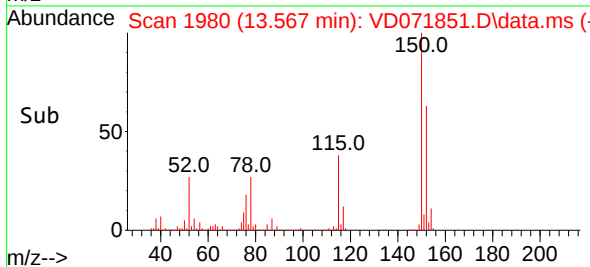
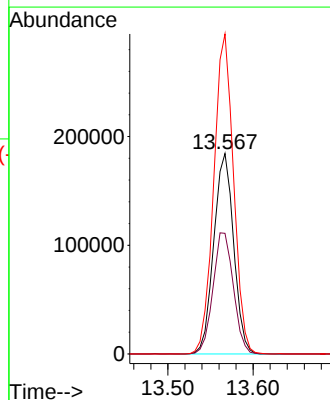
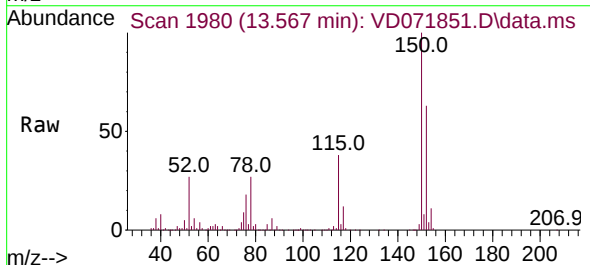
Instrument :
MSVOA_D
ClientSampleId :
MH-3S

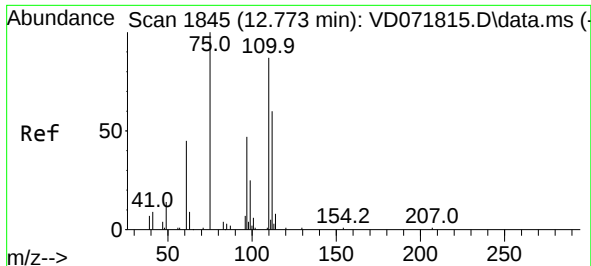
Tgt Ion:117 Resp: 715454
Ion Ratio Lower Upper
117 100
82 58.5 45.3 67.9
119 31.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071851.D
Acq: 31 Jan 2022 17:58

Tgt Ion:152 Resp: 298556
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 158.7 0.0 348.6

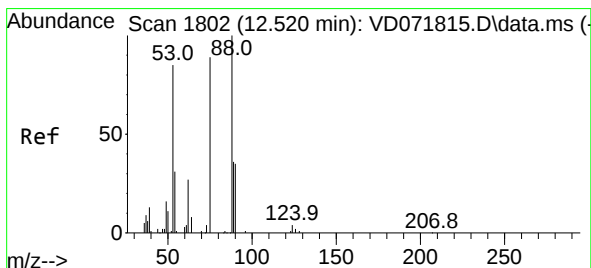
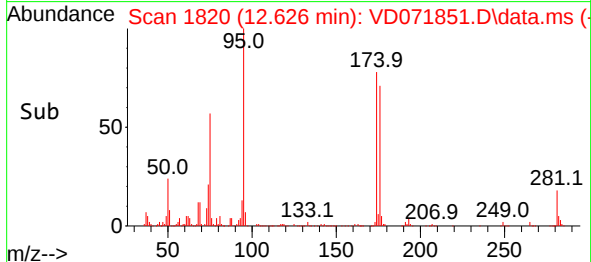
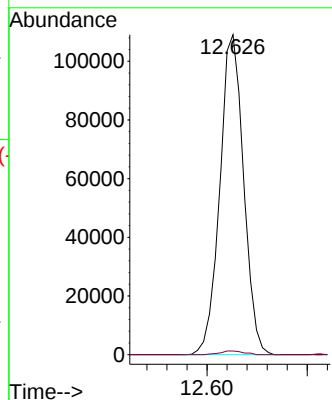
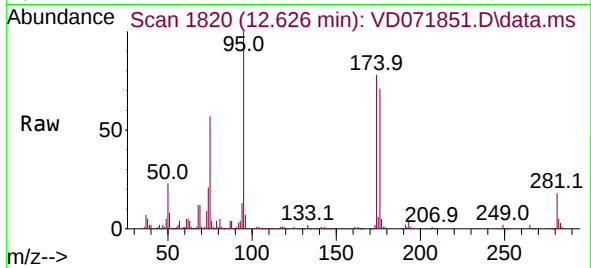




#76
1,2,3-Trichloropropane
Concen: 56.989 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071851.D
Acq: 31 Jan 2022 17:58

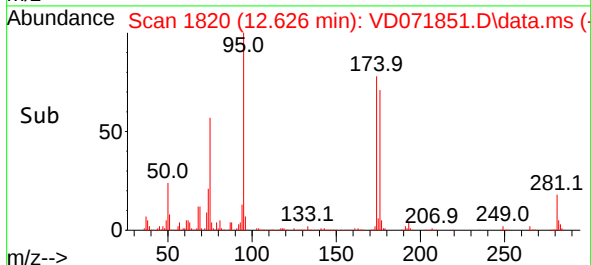
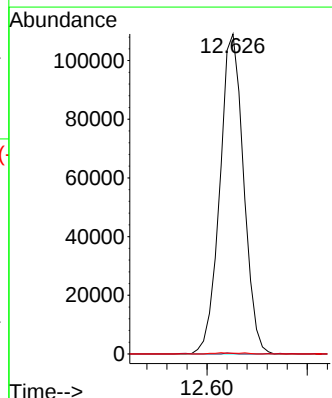
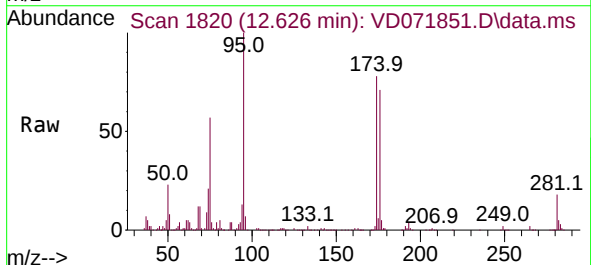
Instrument :
MSVOA_D
ClientSampleId :
MH-3S

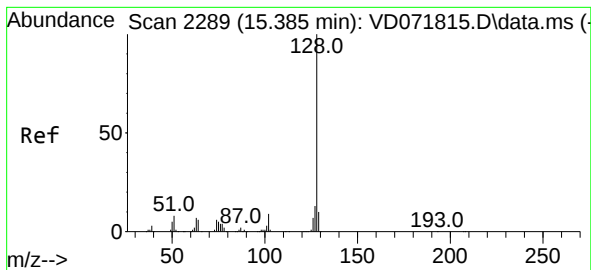
Tgt Ion: 75 Resp: 179311
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.123 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071851.D
Acq: 31 Jan 2022 17:58

Tgt Ion: 75 Resp: 179311
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.3 33.9 50.9#





#95

Naphthalene

Concen: 1.604 ug/l

RT: 15.390 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD071851.D

Acq: 31 Jan 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

MH-3S

Tgt Ion:128 Resp: 1609

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.4 12.6#

