

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071852.D
 Acq On : 31 Jan 2022 18:26
 Operator : VA/SY
 Sample : N1335-04
 Misc : 10.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-3D

Quant Time: Feb 01 04:05:01 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)

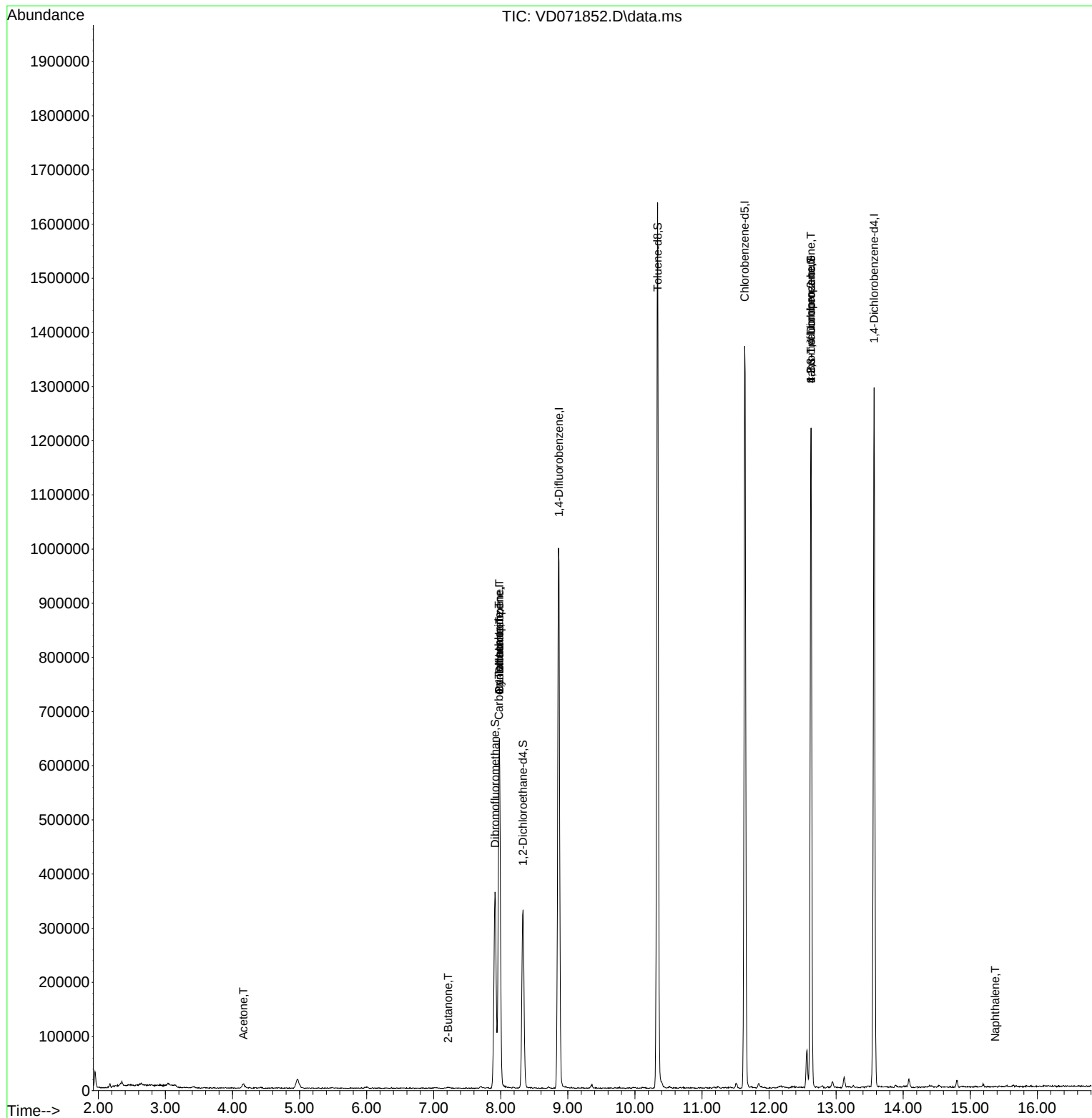
Internal Standards						
1) Pentafluorobenzene	7.979	168	436546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	802925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	738219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	304621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	265559	48.128	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.260%		
35) Dibromofluoromethane	7.914	113	255184	48.350	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.700%		
50) Toluene-d8	10.338	98	1030970	52.304	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.600%		
62) 4-Bromofluorobenzene	12.626	95	331408	48.146	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.300%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.220	59	171	Below Cal	#	74
16) Acetone	4.161	43	13639	9.030	ug/l	93
20) Methylene Chloride	4.961	84	11785	Below Cal		86
25) 2-Butanone	7.214	43	2507	1.424	ug/l #	52
31) Cyclohexane	7.979	56	13731	1.304	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	42126	4.650	ug/l #	50
38) Carbon Tetrachloride	7.973	117	47769	5.332	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	187220	58.318	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	187220	143.391	ug/l #	7
95) Naphthalene	15.373	128	704	1.518	ug/l #	80

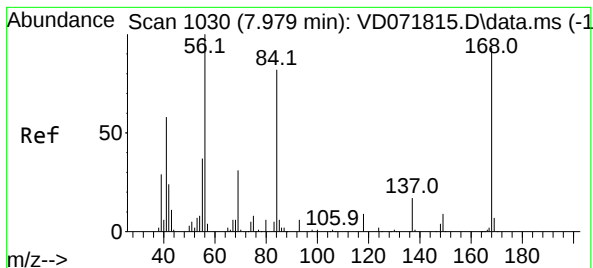
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
Data File : VD071852.D
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Quant Time: Feb 01 04:05:01 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# 1

Delta R.T. -0.000 min

Lab File: VD071852.D

Acq: 31 Jan 2022 18:26

Instrument :

MSVOA_D

ClientSampleId :

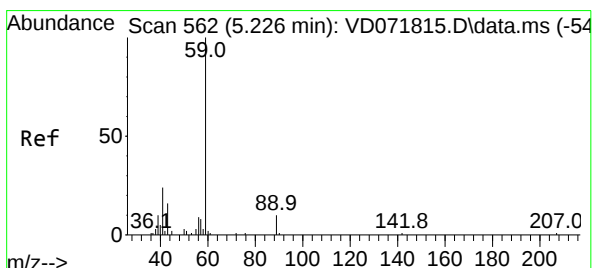
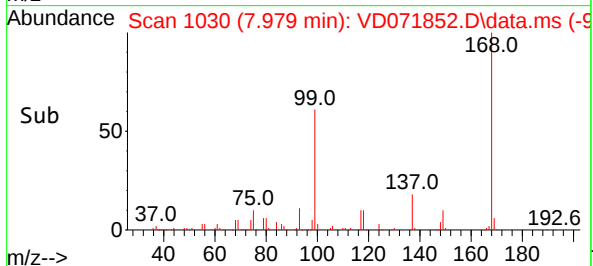
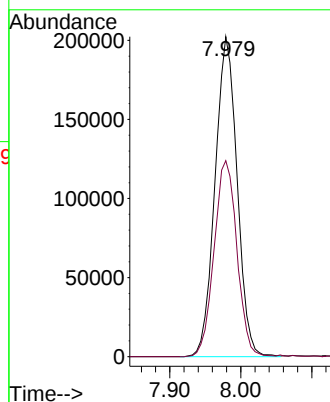
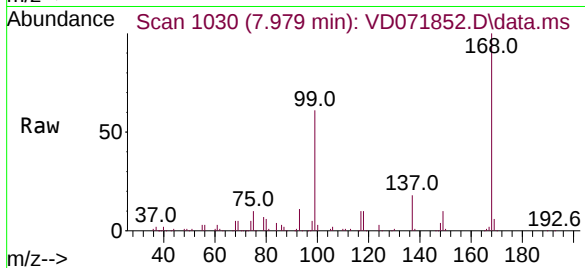
MH-3D

Tgt Ion:168 Resp: 436546

Ion Ratio Lower Upper

168 100

99 61.3 49.8 74.6



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.220 min Scan# 561

Delta R.T. -0.000 min

Lab File: VD071852.D

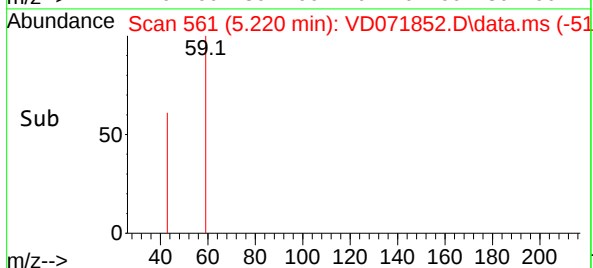
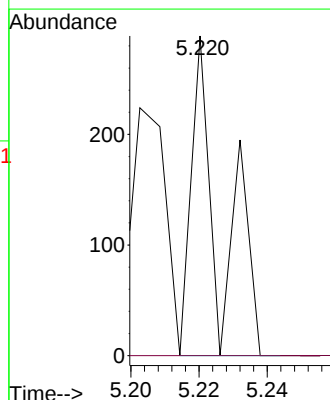
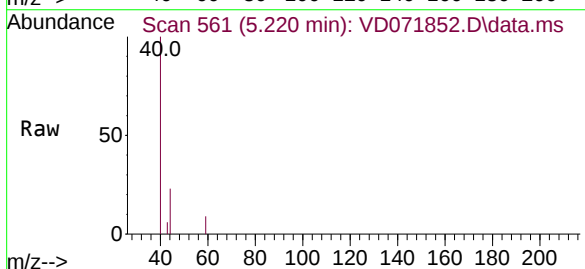
Acq: 31 Jan 2022 18:26

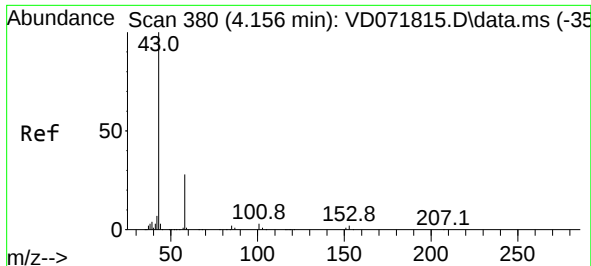
Tgt Ion: 59 Resp: 171

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#

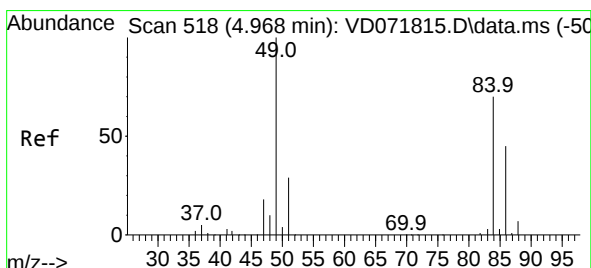
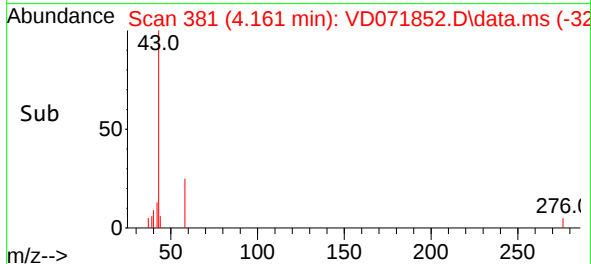
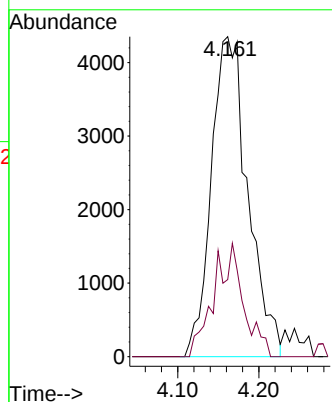
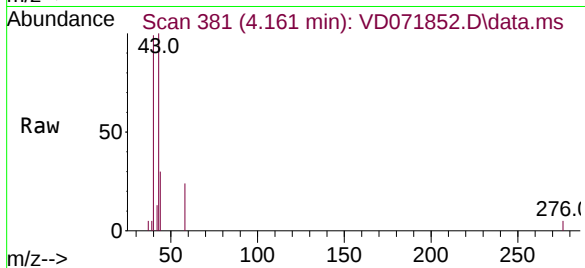




#16
Acetone
Concen: 9.030 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071852.D
Acq: 31 Jan 2022 18:26

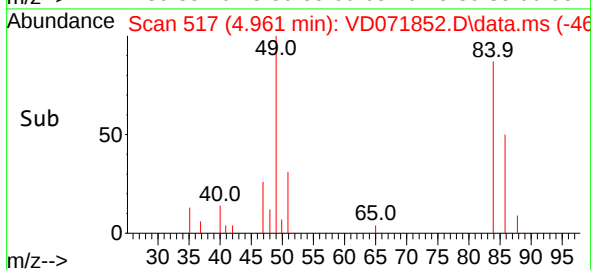
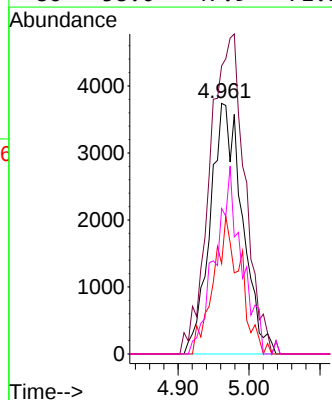
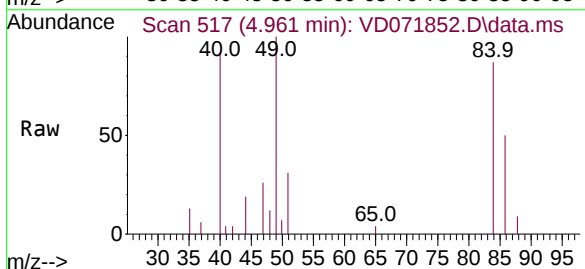
Instrument :
MSVOA_D
ClientSampleId :
MH-3D

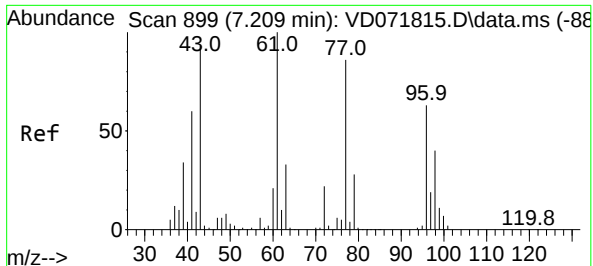
Tgt Ion: 43 Resp: 13639
Ion Ratio Lower Upper
43 100
58 24.1 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071852.D
Acq: 31 Jan 2022 18:26

Tgt Ion: 84 Resp: 11785
Ion Ratio Lower Upper
84 100
49 115.0 112.8 169.2
51 36.1 32.6 48.8
86 58.0 47.9 71.9





#25

2-Butanone

Concen: 1.424 ug/l

RT: 7.214 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD071852.D

Acq: 31 Jan 2022 18:26

Instrument :

MSVOA_D

ClientSampleId :

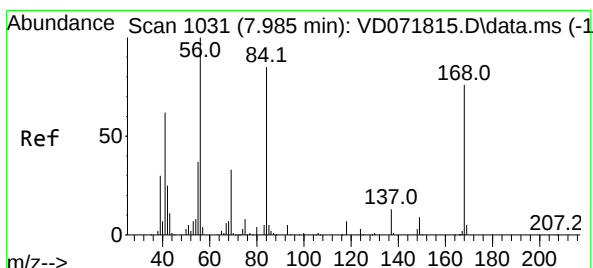
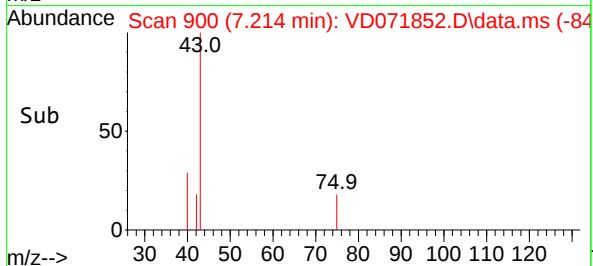
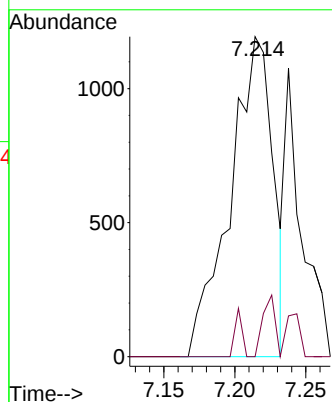
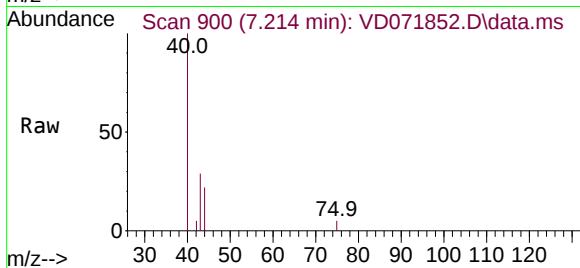
MH-3D

Tgt Ion: 43 Resp: 2507

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#31

Cyclohexane

Concen: 1.304 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071852.D

Acq: 31 Jan 2022 18:26

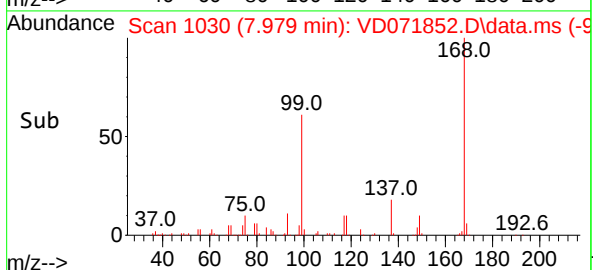
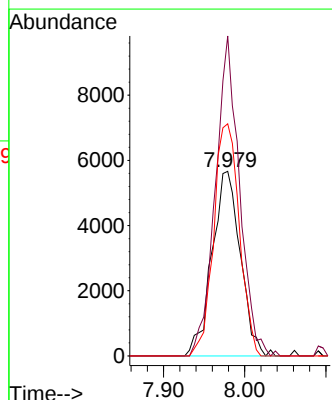
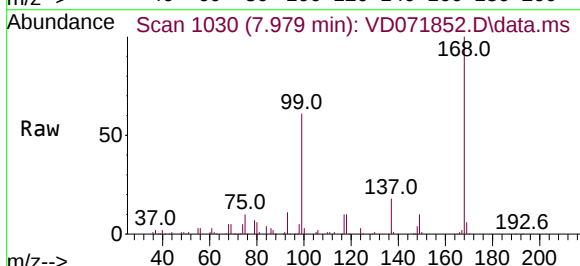
Tgt Ion: 56 Resp: 13731

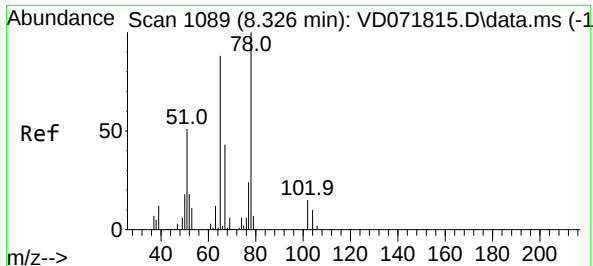
Ion Ratio Lower Upper

56 100

69 173.4 25.4 38.2#

84 125.8 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 48.128 ug/l

RT: 8.332 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD071852.D

Acq: 31 Jan 2022 18:26

Instrument :

MSVOA_D

ClientSampleId :

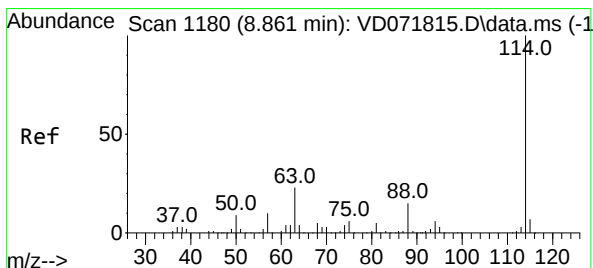
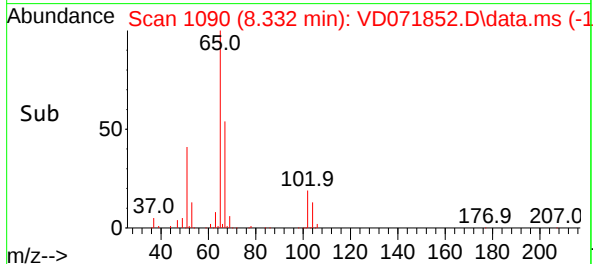
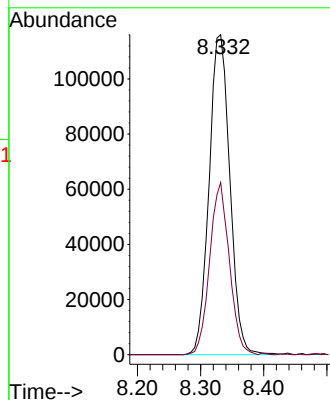
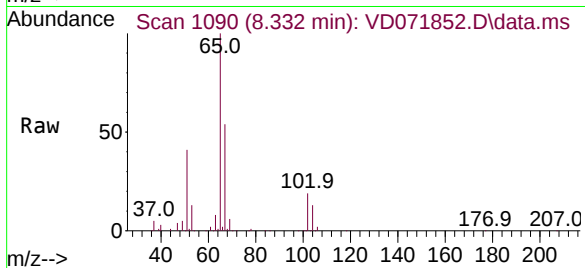
MH-3D

Tgt Ion: 65 Resp: 265559

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071852.D

Acq: 31 Jan 2022 18:26

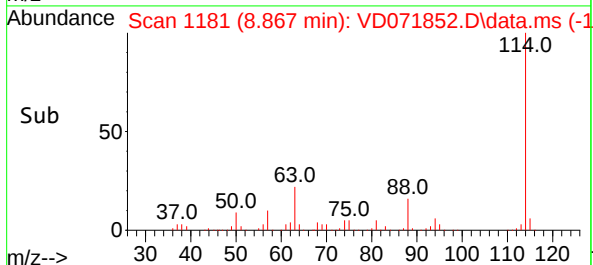
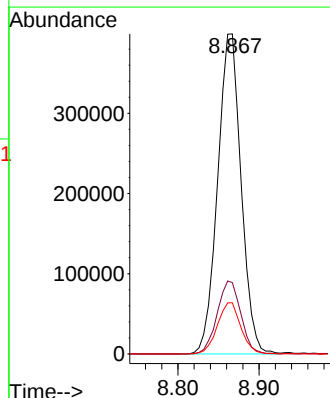
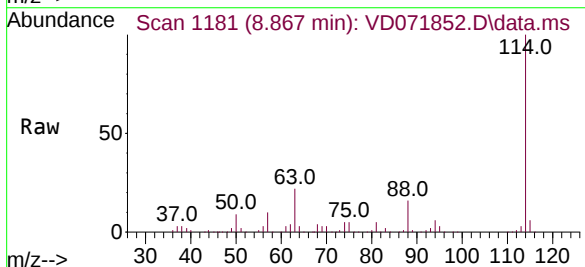
Tgt Ion: 114 Resp: 802925

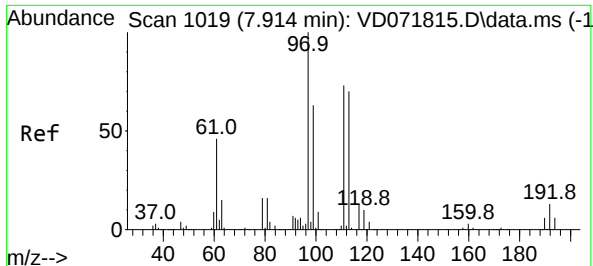
Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.6

88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.350 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071852.D

Acq: 31 Jan 2022 18:26

Instrument :

MSVOA_D

ClientSampleId :

MH-3D

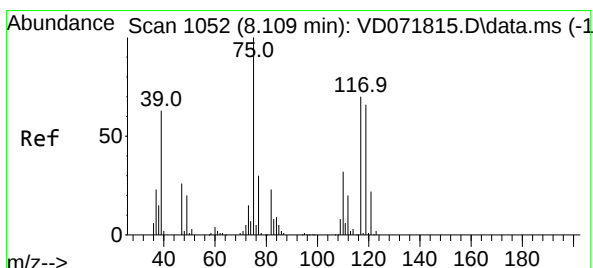
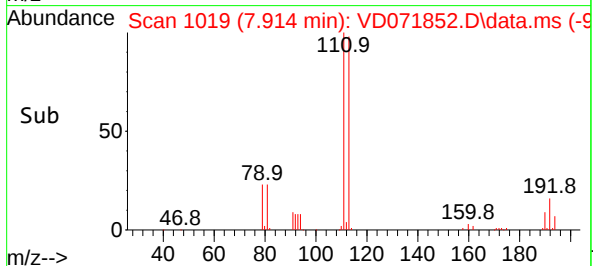
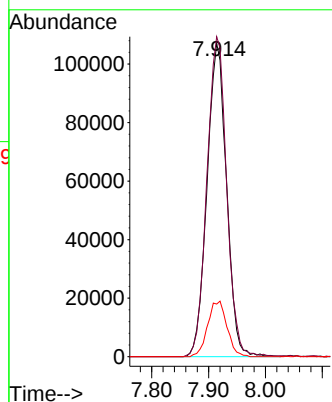
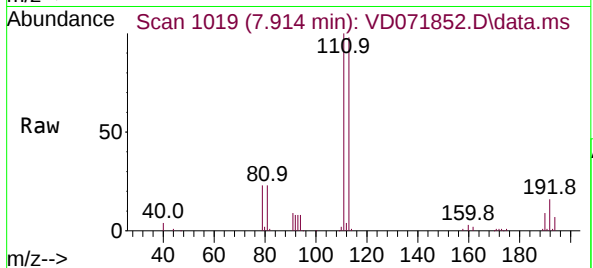
Tgt Ion:113 Resp: 255184

Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 17.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.650 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071852.D

Acq: 31 Jan 2022 18:26

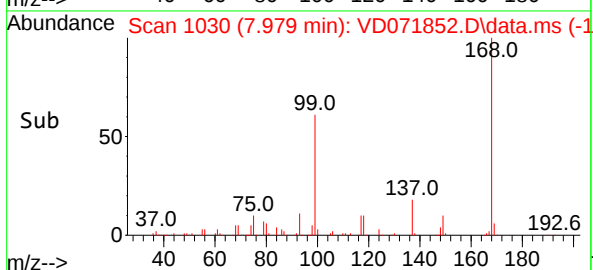
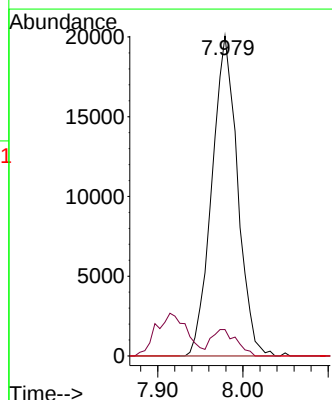
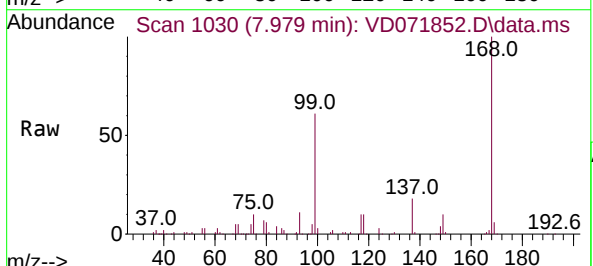
Tgt Ion: 75 Resp: 42126

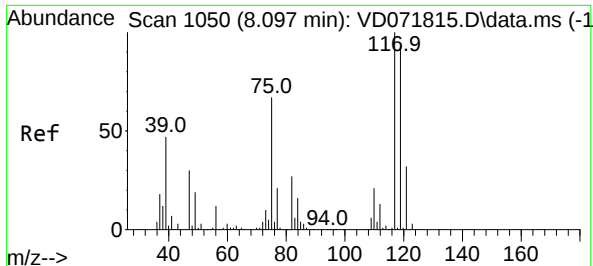
Ion Ratio Lower Upper

75 100

110 7.9 16.4 49.1#

77 0.0 24.2 36.2#

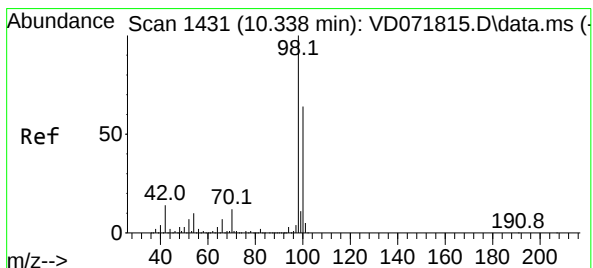
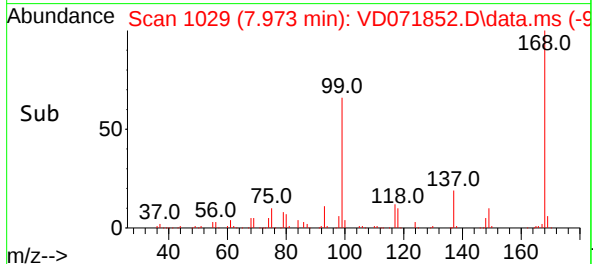
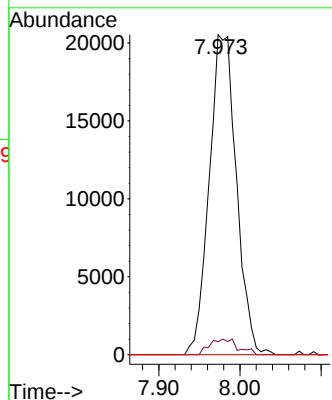
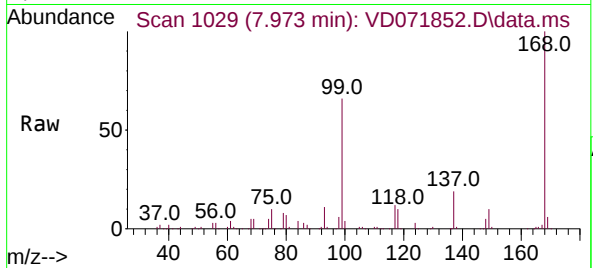




#38
Carbon Tetrachloride
Concen: 5.332 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071852.D
Acq: 31 Jan 2022 18:26

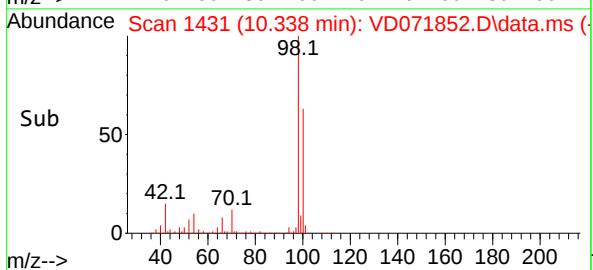
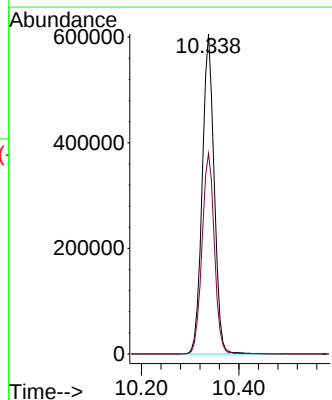
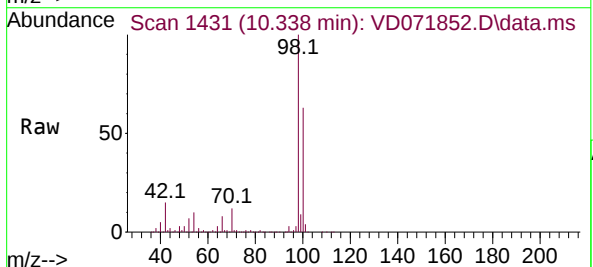
Instrument :
MSVOA_D
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MH-3D

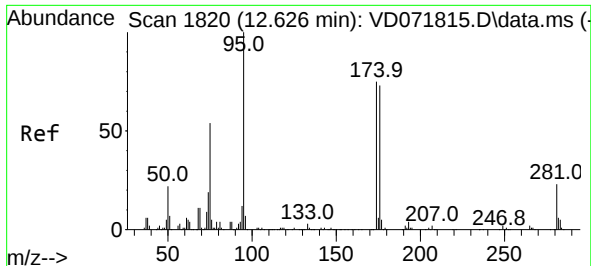
Tgt Ion:117 Resp: 47769
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.304 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071852.D
Acq: 31 Jan 2022 18:26

Tgt Ion: 98 Resp: 1030970
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6

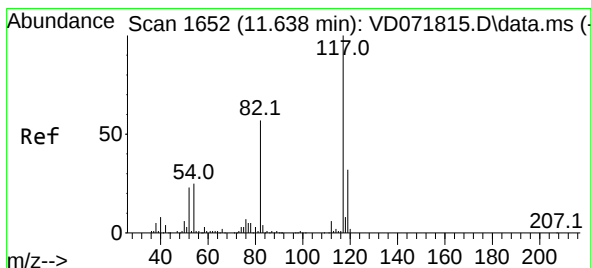
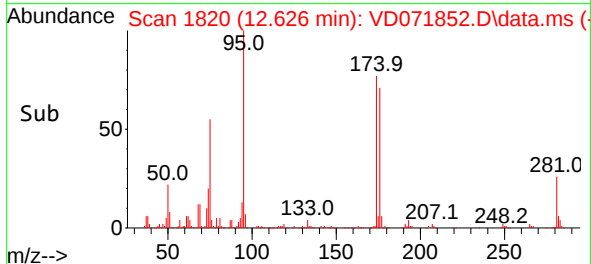
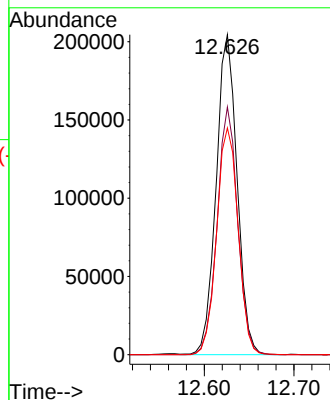
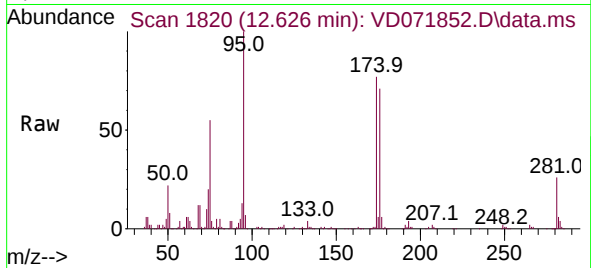




#62
4-Bromofluorobenzene
Concen: 48.146 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071852.D
Acq: 31 Jan 2022 18:26

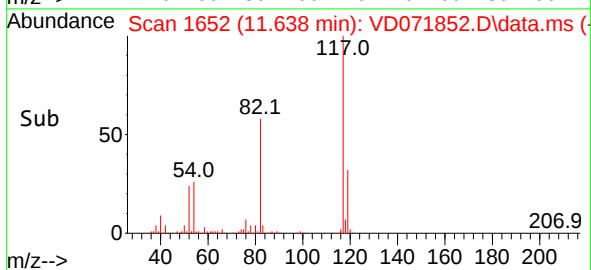
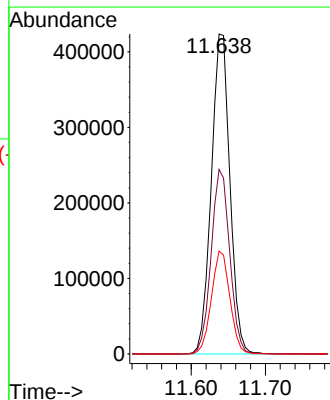
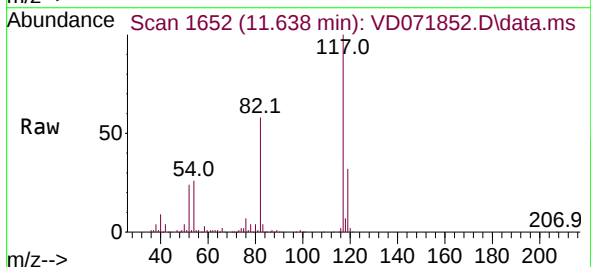
Instrument :
MSVOA_D
ClientSampleId :
MH-3D

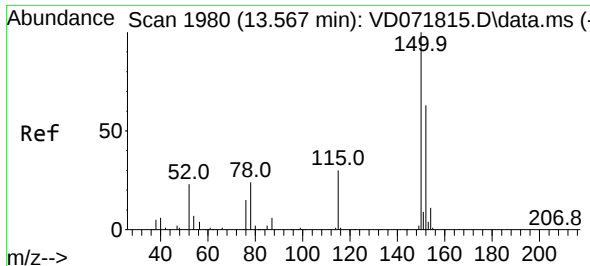
Tgt Ion: 95 Resp: 331408
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 72.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071852.D
Acq: 31 Jan 2022 18:26

Tgt Ion: 117 Resp: 738219
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 32.2 26.6 40.0

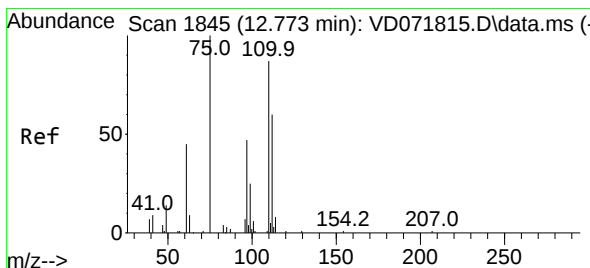
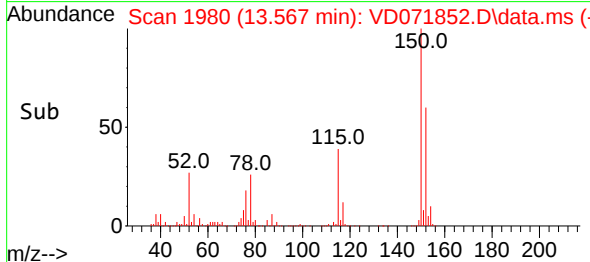
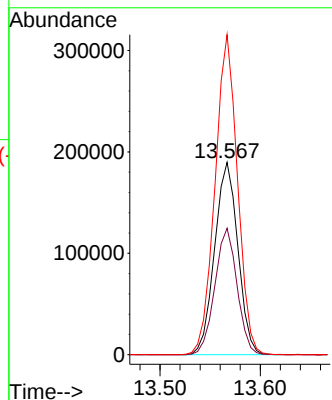
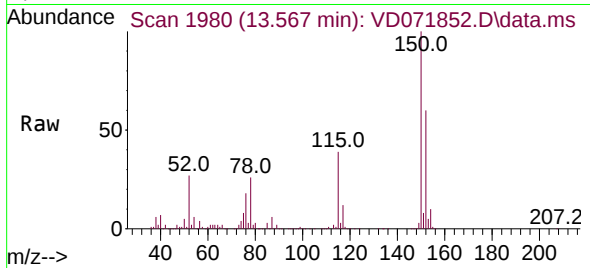




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071852.D
 Acq: 31 Jan 2022 18:26

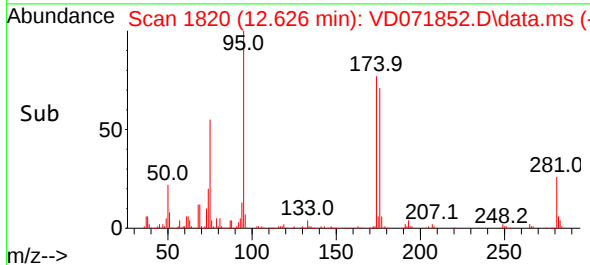
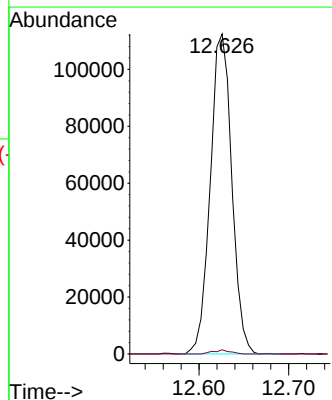
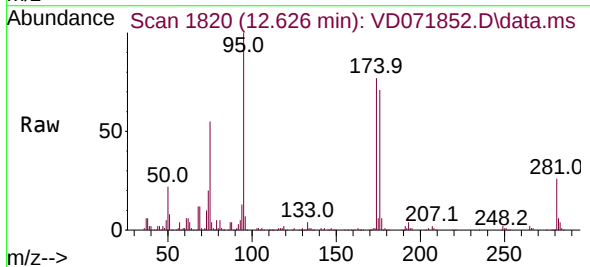
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-3D

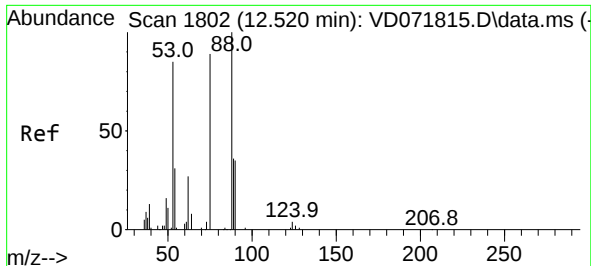
Tgt Ion:152 Resp: 304621
 Ion Ratio Lower Upper
 152 100
 115 62.9 31.3 93.8
 150 160.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 58.318 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071852.D
 Acq: 31 Jan 2022 18:26

Tgt Ion: 75 Resp: 187220
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

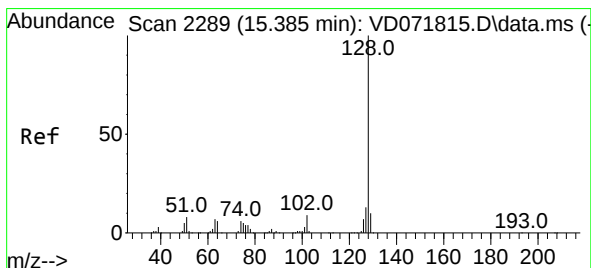
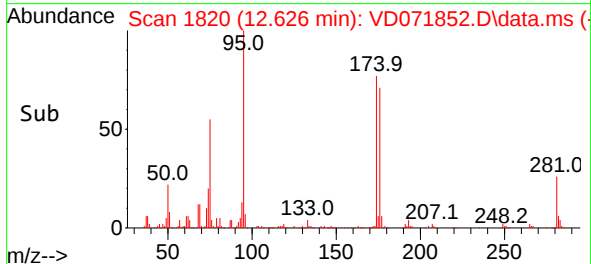
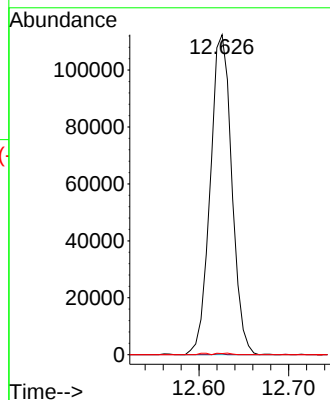
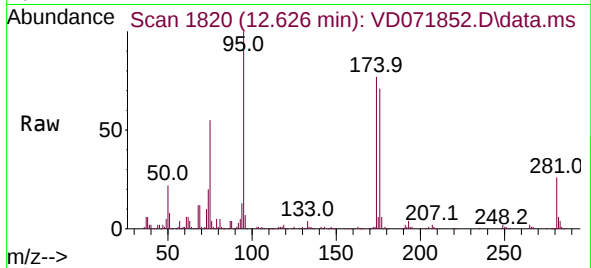




#81
trans-1,4-Dichloro-2-butene
Concen: 143.391 ug/l
RT: 12.626 min Scan# 1802
Delta R.T. 0.106 min
Lab File: VD071852.D
Acq: 31 Jan 2022 18:26

Instrument :
MSVOA_D
ClientSampleId :
MH-3D

Tgt Ion: 75 Resp: 187220
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.3 33.9 50.9#



#95
Naphthalene
Concen: 1.518 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD071852.D
Acq: 31 Jan 2022 18:26

Tgt Ion:128 Resp: 704
Ion Ratio Lower Upper
128 100
127 18.0 10.3 15.5#
129 0.0 8.4 12.6#

