

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071959.D
 Acq On : 14 Feb 2022 16:13
 Operator : VA/SY
 Sample : N1521-11
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-C

Quant Time: Feb 15 00:36:50 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)

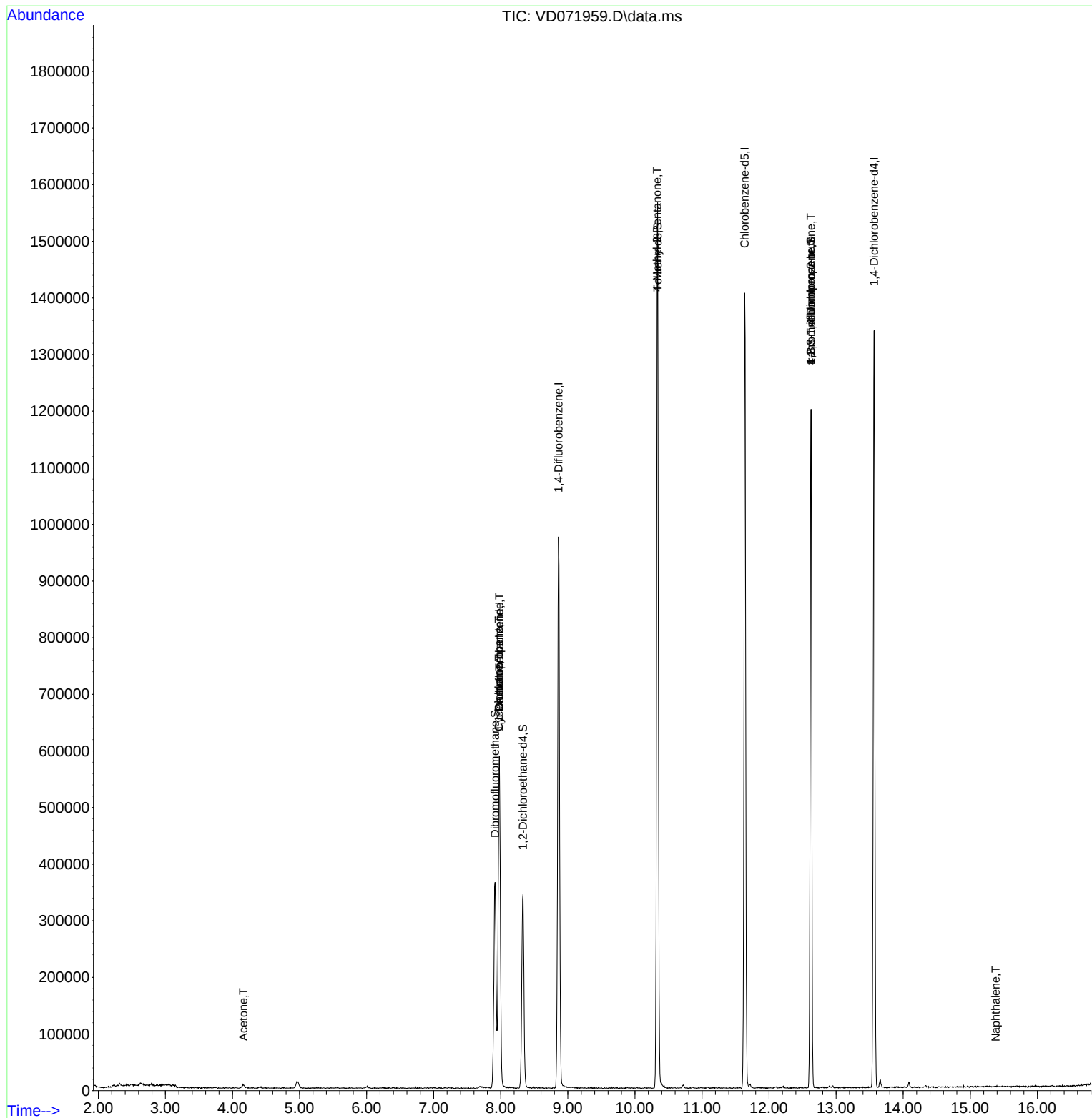
Internal Standards						
1) Pentafluorobenzene	7.979	168	394254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	771053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	756095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	327278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	278989	55.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.980%
35) Dibromofluoromethane	7.914	113	257113	50.729	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.460%
50) Toluene-d8	10.338	98	1011647	53.445	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.900%
62) 4-Bromofluorobenzene	12.626	95	342514	51.817	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.220	59	62	Below Cal	#	1
16) Acetone	4.162	43	11353	8.323	ug/l	91
20) Methylene Chloride	4.967	84	7839	Below Cal		95
31) Cyclohexane	7.973	56	11653	1.225	ug/l #	5
36) 1,1-Dichloropropene	7.973	75	37454	4.306	ug/l #	52
38) Carbon Tetrachloride	7.979	117	44053	5.121	ug/l #	17
51) 4-Methyl-2-Pentanone	10.332	43	5293	1.391	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	190978	55.370	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	190978	136.143	ug/l #	7
95) Naphthalene	15.379	128	275	1.477	ug/l #	70

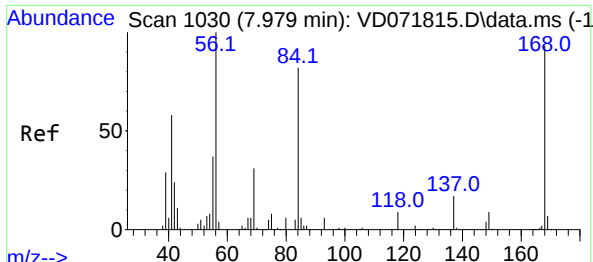
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
Data File : VD071959.D
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Operator : VA/SY
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Misc : 5.32G/5.00ml/MSVOA_D/SOIL
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Instrument :
MSVOA_D
ClientSampleId :
TP2-C

Quant Time: Feb 15 00:36:50 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

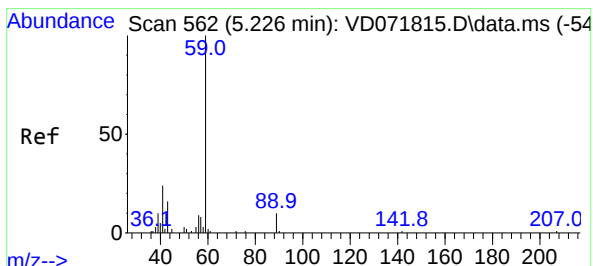
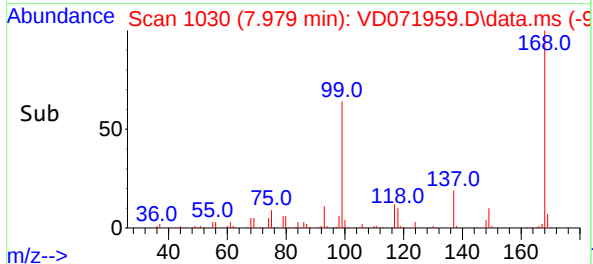
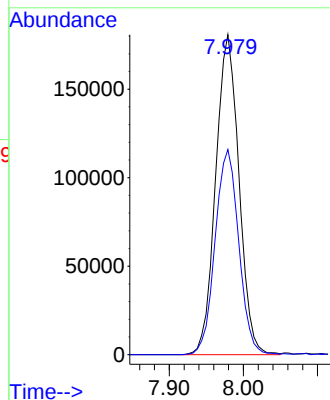
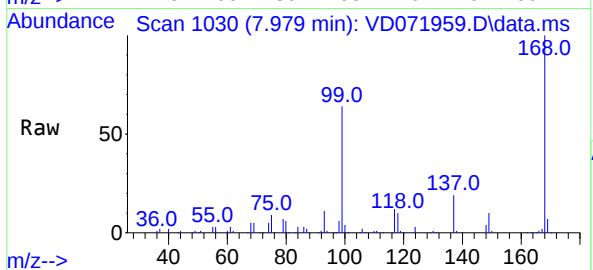




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

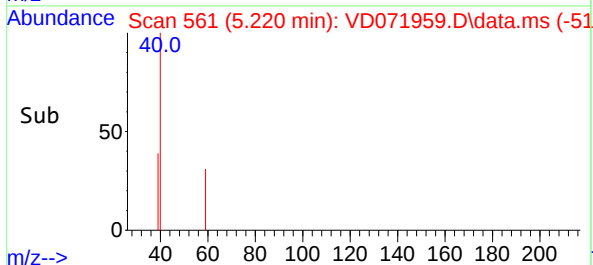
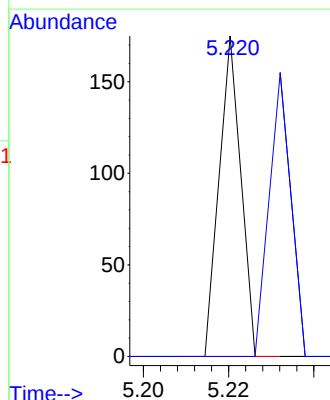
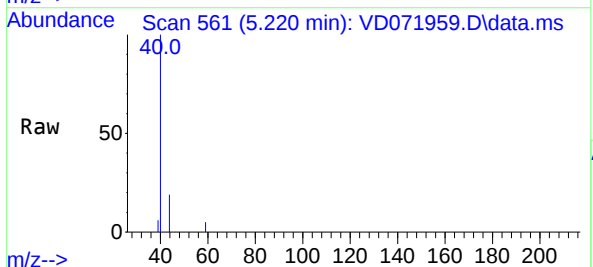
Instrument :
MSVOA_D
ClientSampleId :
TP2-C

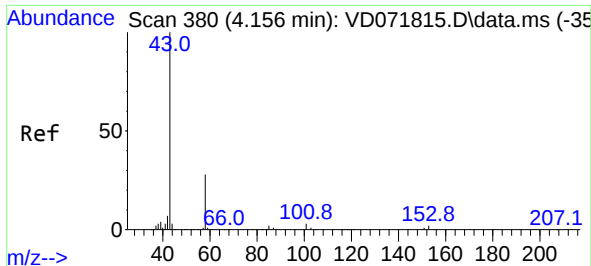
Tgt Ion:168 Resp: 394254
Ion Ratio Lower Upper
168 100
99 64.1 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.000 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

Tgt Ion: 59 Resp: 62
Ion Ratio Lower Upper
59 100
57 88.7 7.8 11.6#

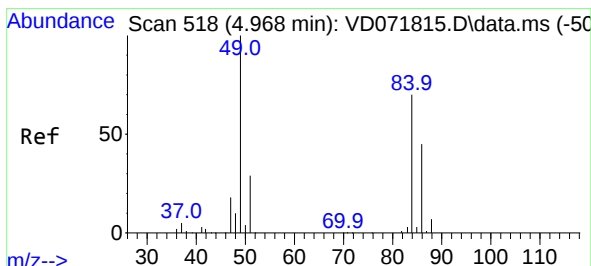
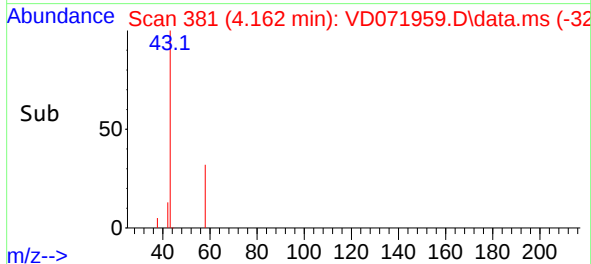
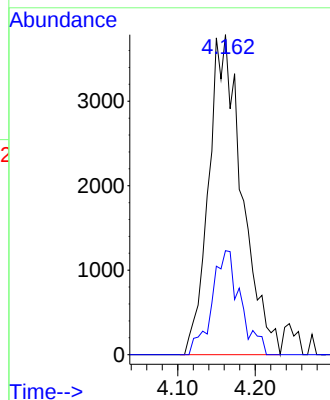
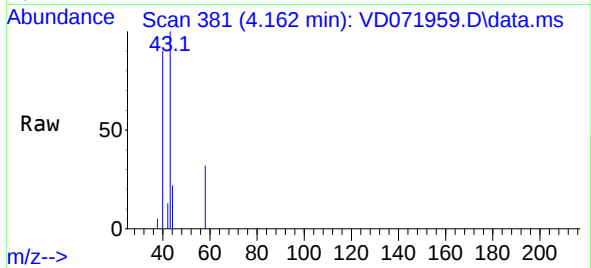




#16
Acetone
Concen: 8.323 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

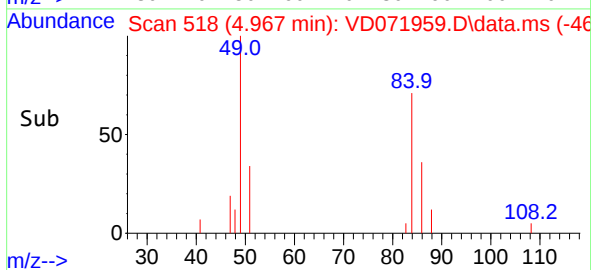
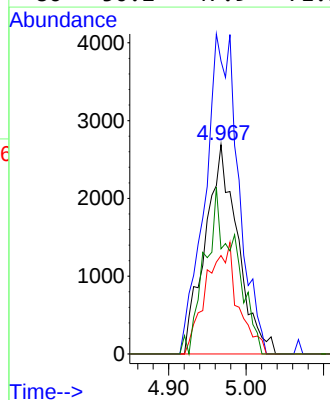
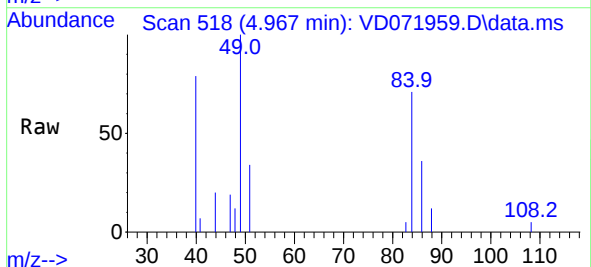
Instrument :
MSVOA_D
ClientSampleId :
TP2-C

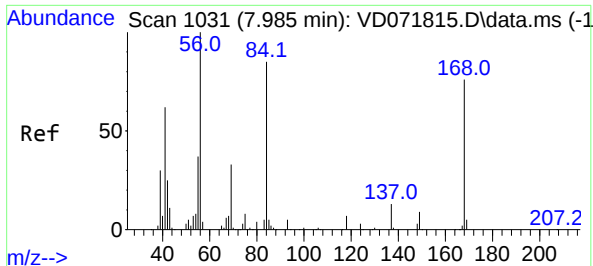
Tgt Ion: 43 Resp: 11353
Ion Ratio Lower Upper
43 100
58 32.5 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

Tgt Ion: 84 Resp: 7839
Ion Ratio Lower Upper
84 100
49 139.9 112.8 169.2
51 47.0 32.6 48.8
86 50.2 47.9 71.9

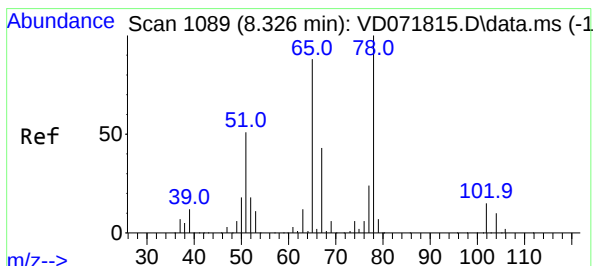
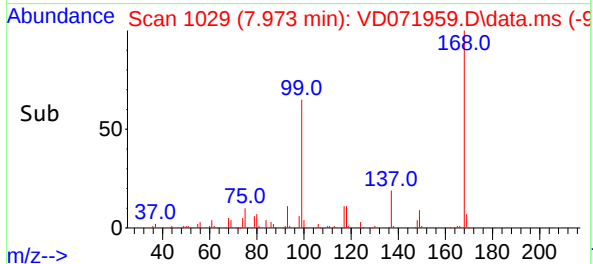
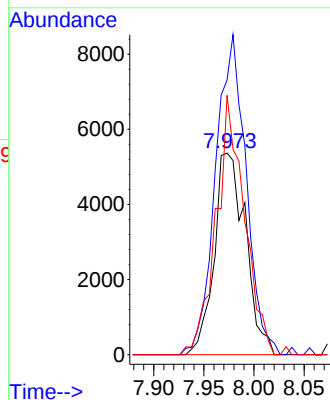
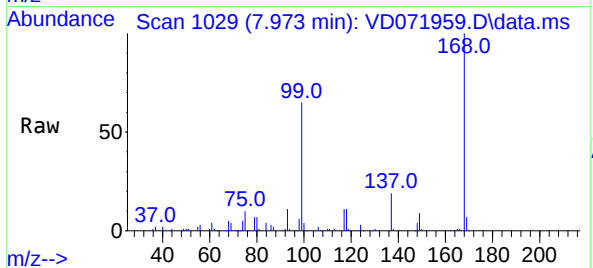




#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

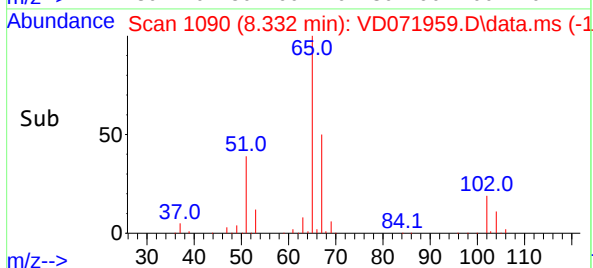
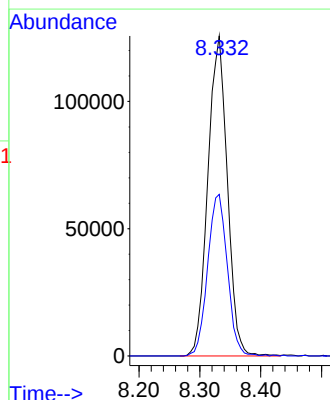
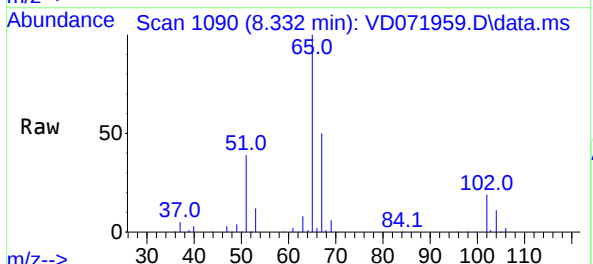
Instrument :
MSVOA_D
ClientSampleId :
TP2-C

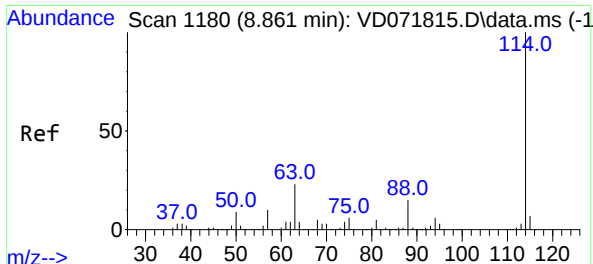
Tgt Ion: 56 Resp: 11653
Ion Ratio Lower Upper
56 100
69 136.2 25.4 38.2#
84 128.6 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 55.986 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

Tgt Ion: 65 Resp: 278989
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.4

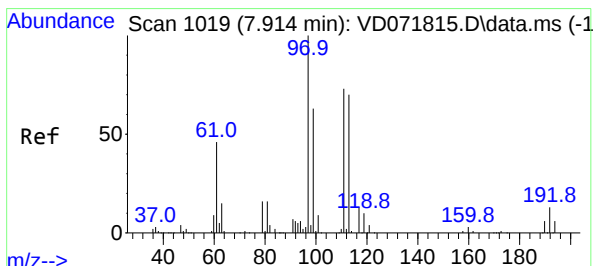
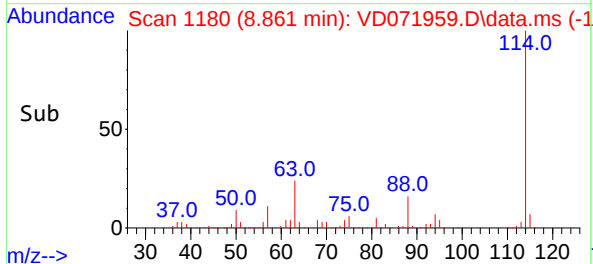
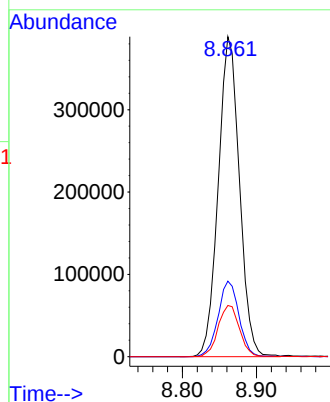
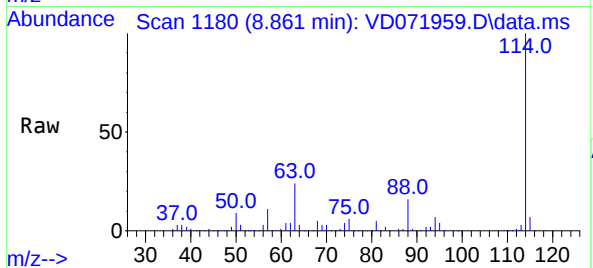




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

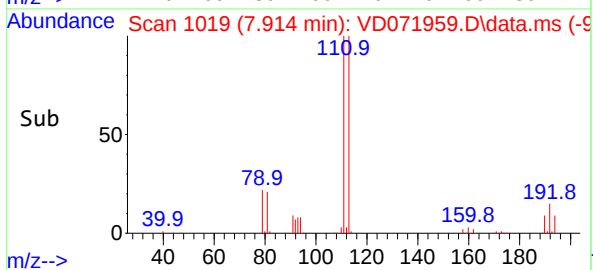
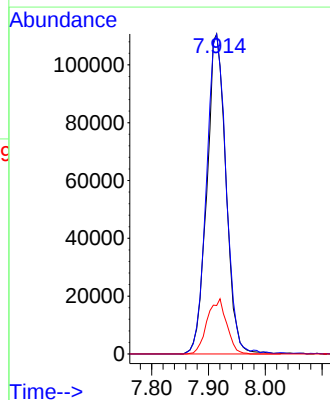
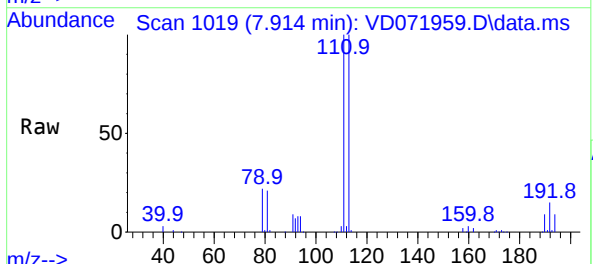
Instrument :
MSVOA_D
ClientSampleId :
TP2-C

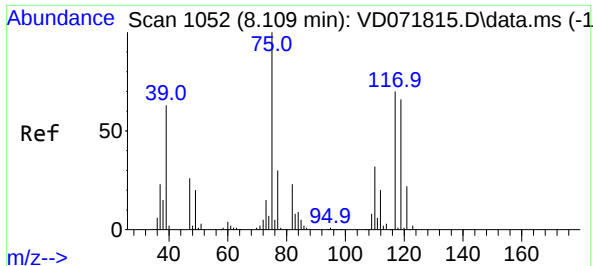
Tgt Ion:114 Resp: 771053
Ion Ratio Lower Upper
114 100
63 23.6 0.0 46.6
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.729 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

Tgt Ion:113 Resp: 257113
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.6 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.306 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071959.D

Acq: 14 Feb 2022 16:13

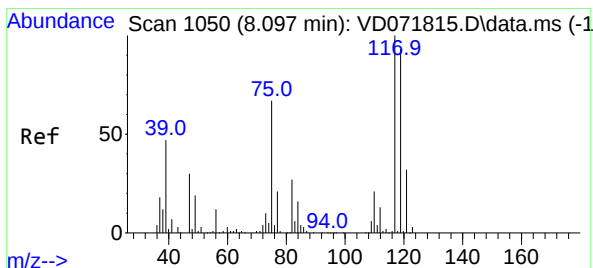
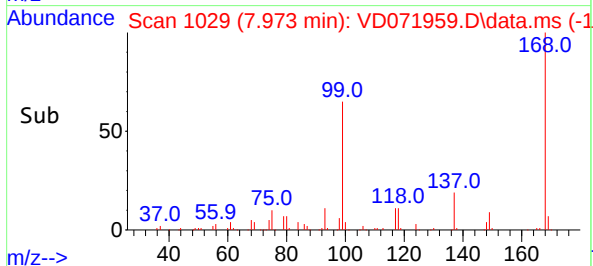
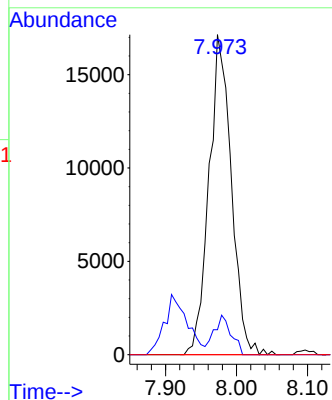
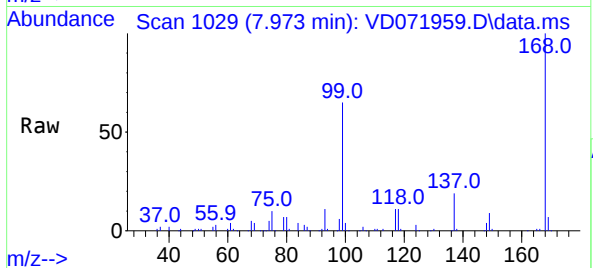
Instrument :

MSVOA_D

ClientSampleId :

TP2-C

Tgt Ion: 75	Resp: 37454
Ion Ratio	Lower Upper
75 100	
110 9.4	16.4 49.1#
77 0.0	24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.121 ug/l

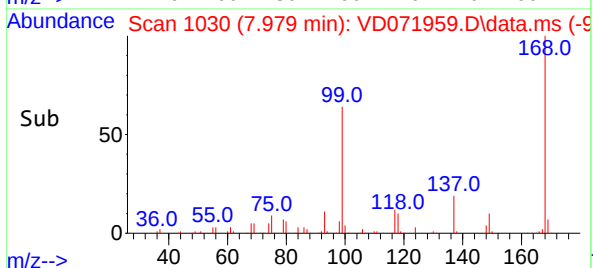
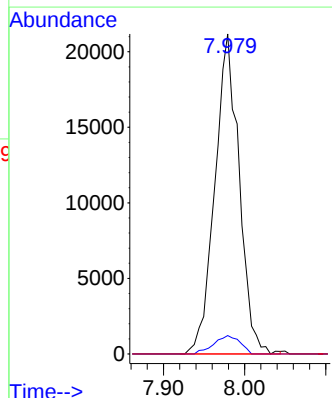
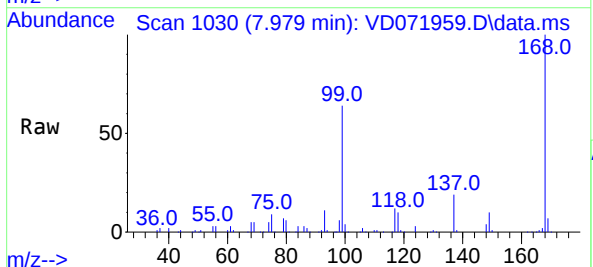
RT: 7.979 min Scan# 1030

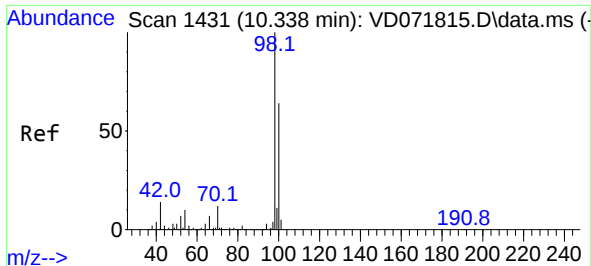
Delta R.T. -0.118 min

Lab File: VD071959.D

Acq: 14 Feb 2022 16:13

Tgt Ion: 117	Resp: 44053
Ion Ratio	Lower Upper
117 100	
119 5.8	75.8 113.6#
121 0.0	24.5 36.7#

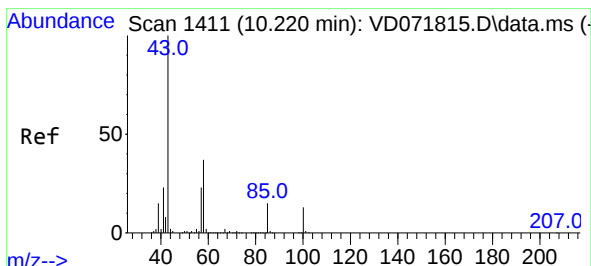
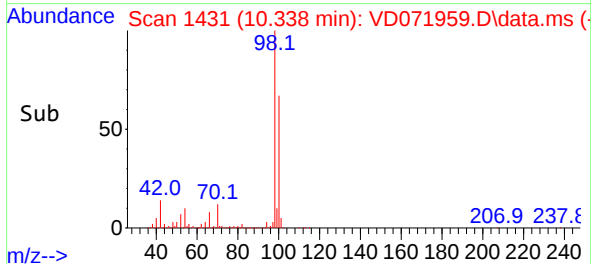
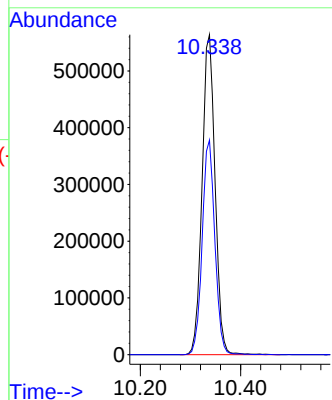
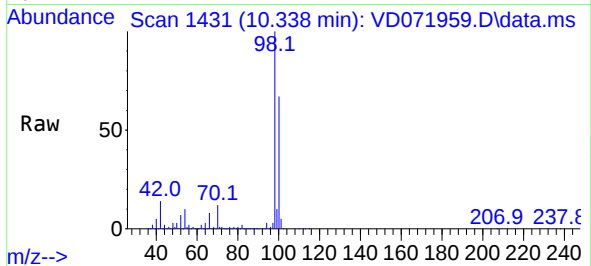




#50
Toluene-d8
Concen: 53.445 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

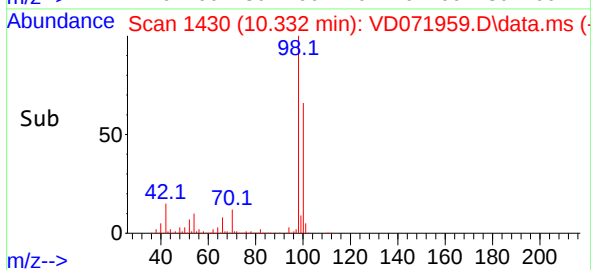
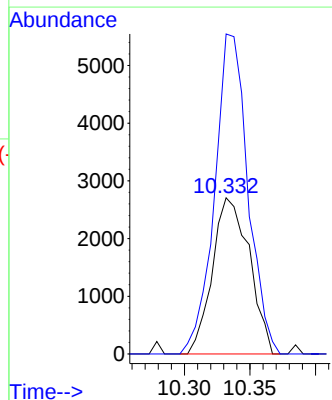
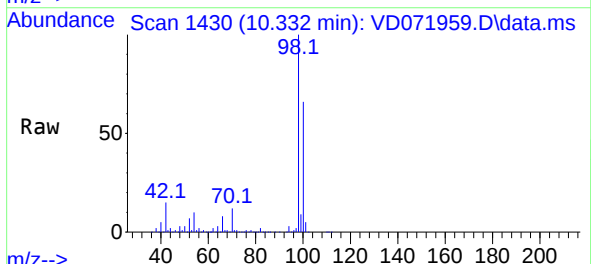
Instrument :
MSVOA_D
ClientSampleId :
TP2-C

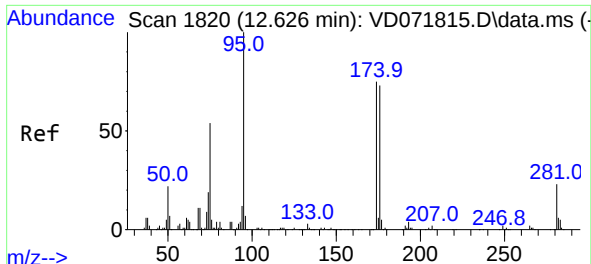
Tgt Ion: 98 Resp: 1011647
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.391 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

Tgt Ion: 43 Resp: 5293
Ion Ratio Lower Upper
43 100
58 185.2 28.6 43.0#

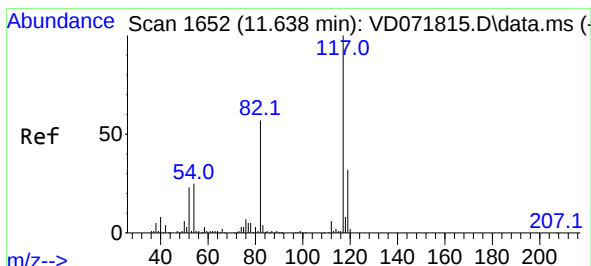
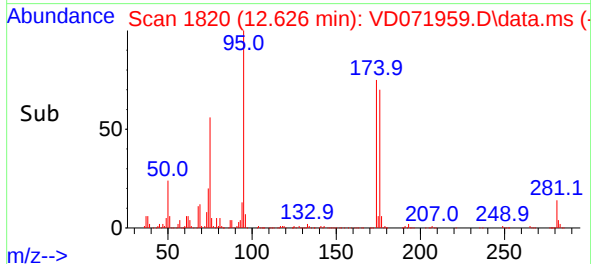
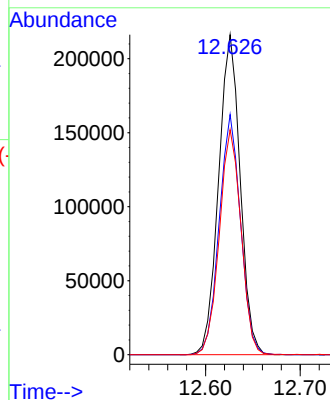
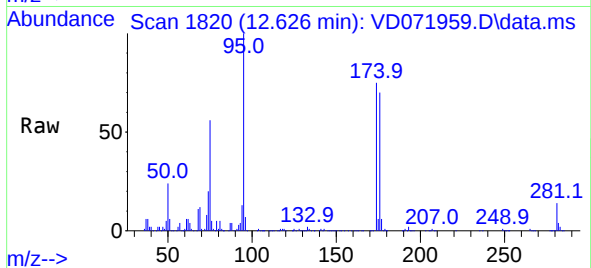




#62
4-Bromofluorobenzene
Concen: 51.817 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

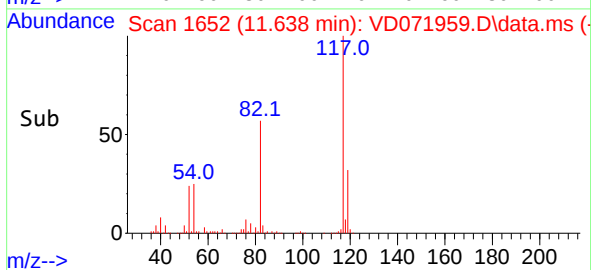
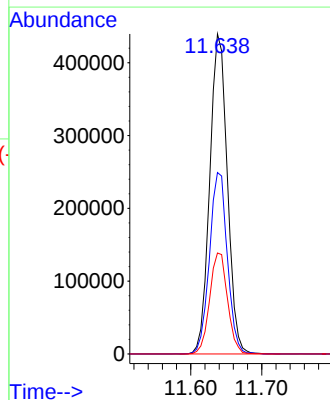
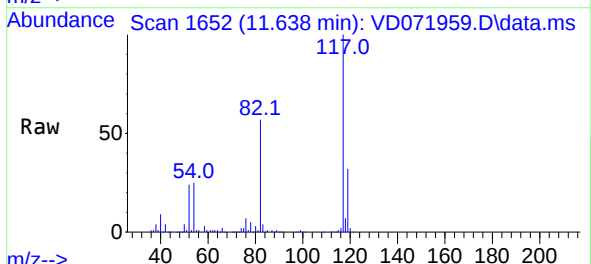
Instrument :
MSVOA_D
ClientSampleId :
TP2-C

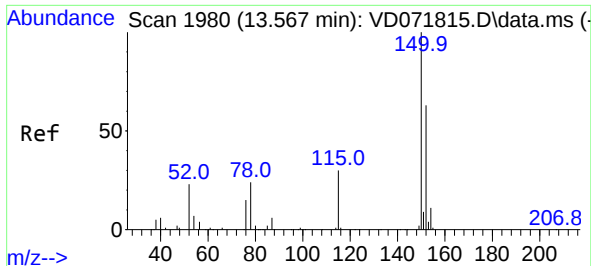
Tgt Ion: 95 Resp: 342514
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.8
176 70.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

Tgt Ion: 117 Resp: 756095
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 31.6 26.6 40.0

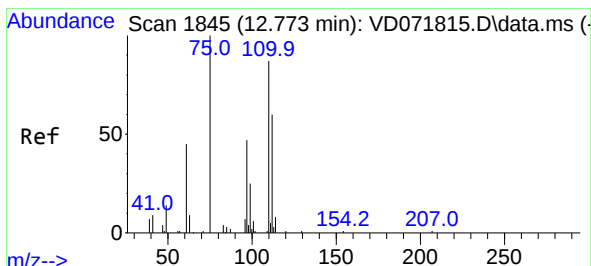
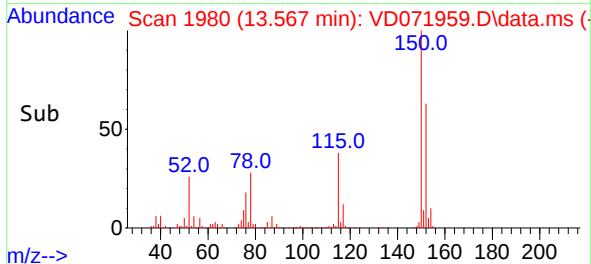
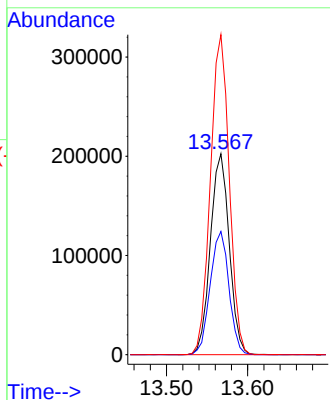
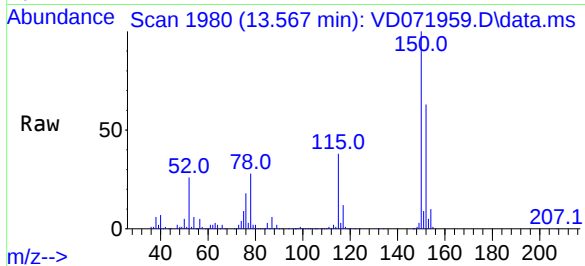




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

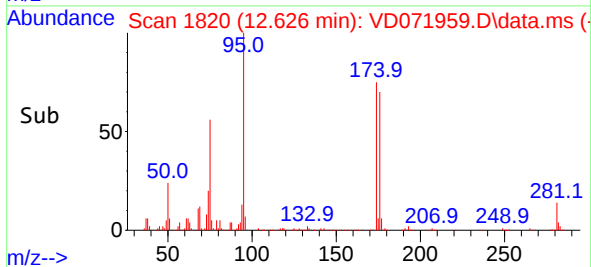
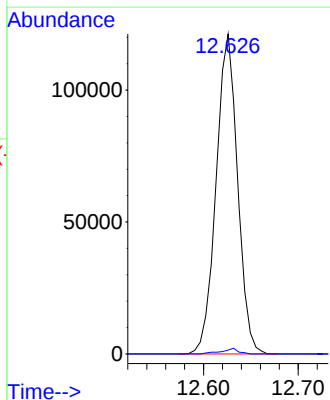
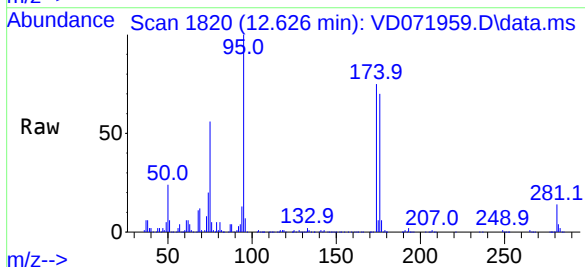
Instrument :
MSVOA_D
ClientSampleId :
TP2-C

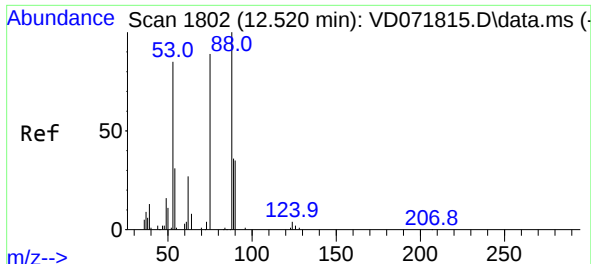
Tgt Ion:152 Resp: 327278
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 158.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 55.370 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

Tgt Ion: 75 Resp: 190978
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

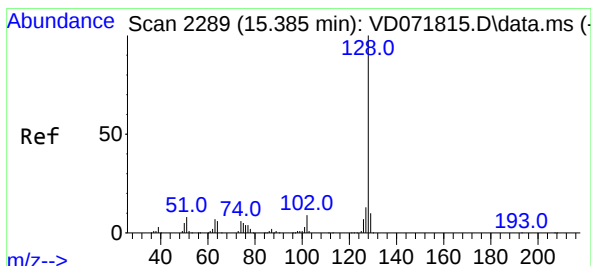
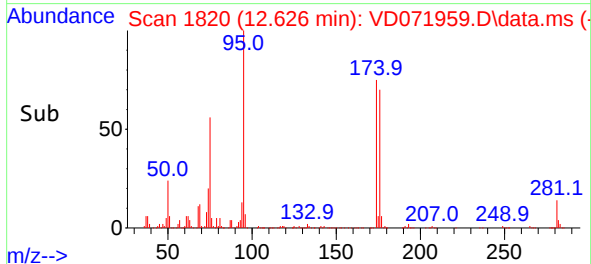
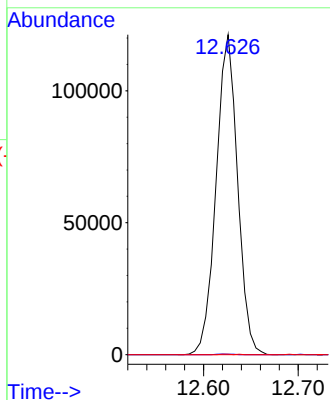
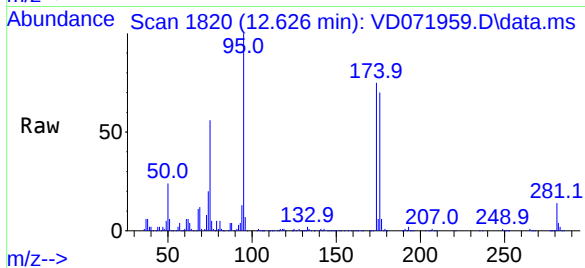




#81
trans-1,4-Dichloro-2-butene
Concen: 136.143 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

Instrument :
MSVOA_D
ClientSampleId :
TP2-C

Tgt Ion: 75 Resp: 190978
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 1.477 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD071959.D
Acq: 14 Feb 2022 16:13

Tgt Ion:128 Resp: 275
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

