

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071828.D
 Acq On : 28 Jan 2022 17:11
 Operator : VA/SY
 Sample : N1316-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-012722RE

Quant Time: Jan 29 04:52:24 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)

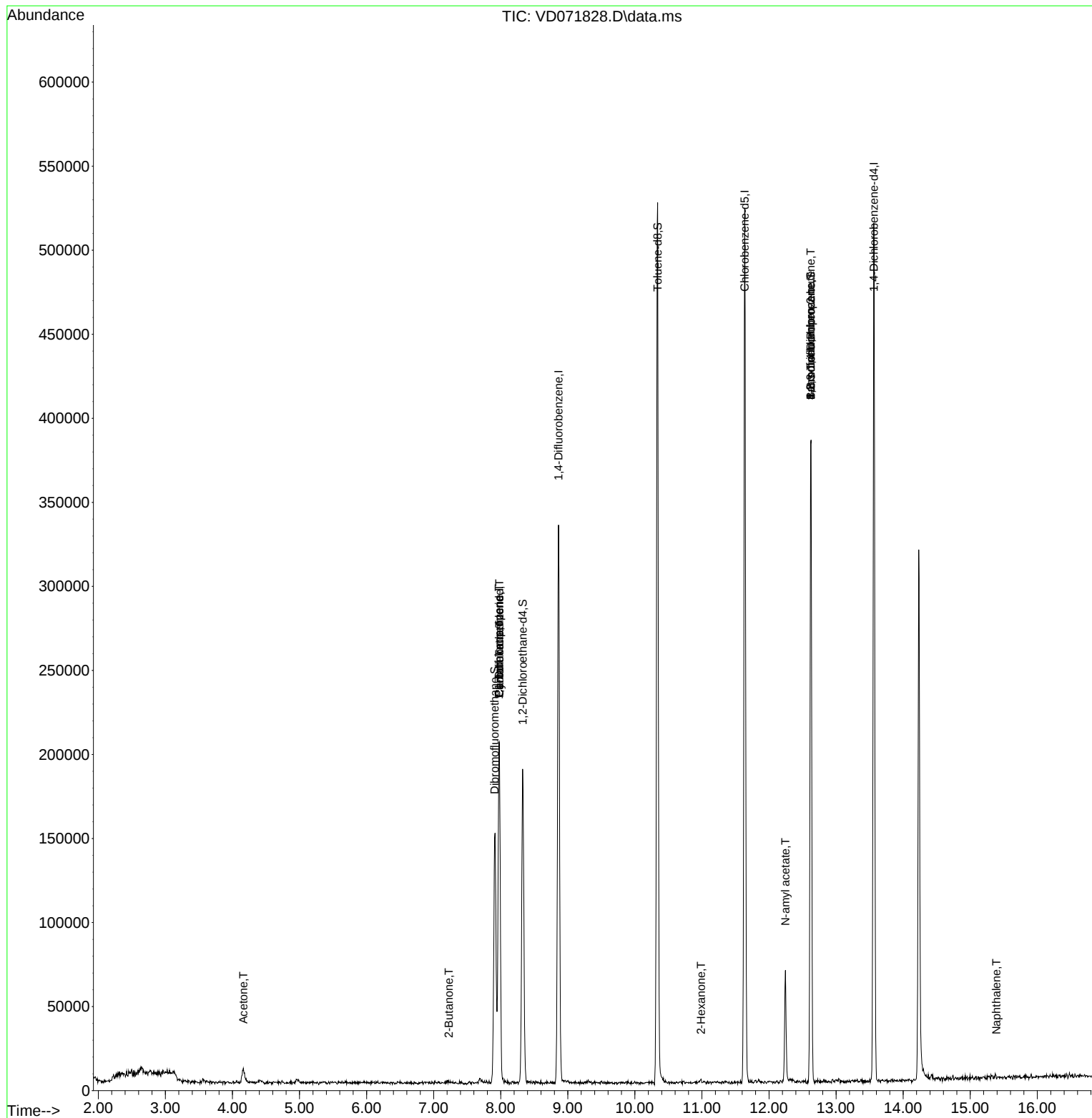
Internal Standards						
1) Pentafluorobenzene	7.979	168	141336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	261481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	278637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	129920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	149089	83.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.920%#	
35) Dibromofluoromethane	7.908	113	104517	60.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.620%	
50) Toluene-d8	10.338	98	339062	52.821	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.640%	
62) 4-Bromofluorobenzene	12.620	95	125568	56.016	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.040%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.244	59	96	Below Cal	#	74
16) Acetone	4.162	43	15084	30.846	ug/l #	84
20) Methylene Chloride	4.956	84	1469	Below Cal	#	52
25) 2-Butanone	7.226	43	1760	3.087	ug/l #	52
31) Cyclohexane	7.979	56	4319	1.266	ug/l #	40
36) 1,1-Dichloropropene	7.973	75	13704	4.645	ug/l #	53
38) Carbon Tetrachloride	7.979	117	16893	5.790	ug/l #	15
59) 2-Hexanone	10.985	43	1384	1.478	ug/l	96
71) Bromoform	12.620	173	1356	1.184	ug/l #	1
74) N-amyl acetate	12.244	43	40033	16.181	ug/l #	50
76) 1,2,3-Trichloropropane	12.620	75	71678	52.350	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	71678	128.718	ug/l #	7
95) Naphthalene	15.390	128	820	1.630	ug/l #	70

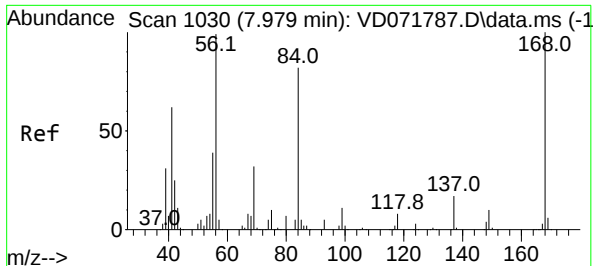
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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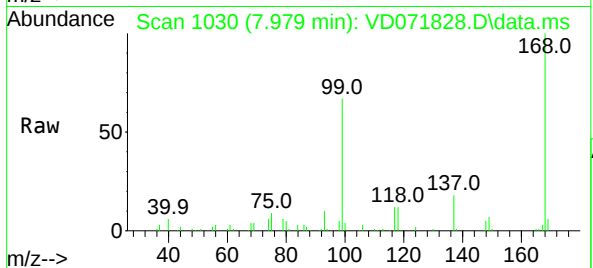
Quant Time: Jan 29 04:52:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration



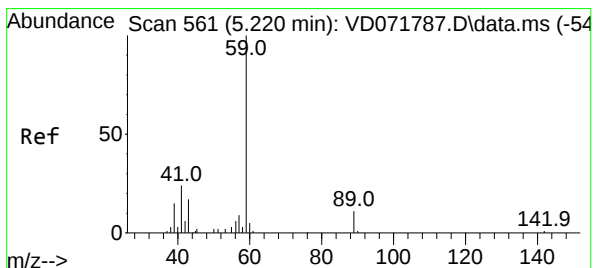
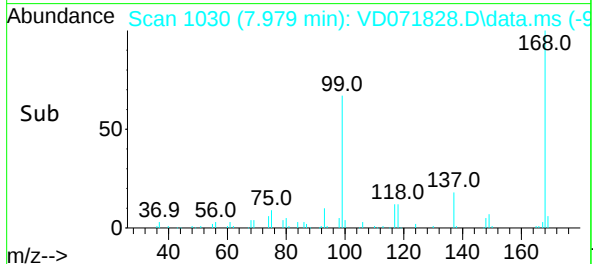
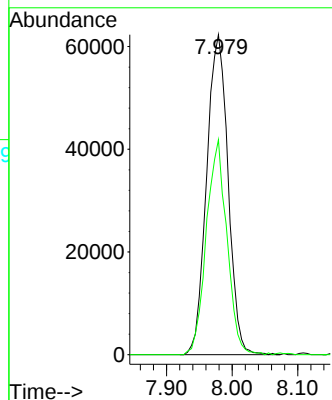


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071828.D
Acq: 28 Jan 2022 17:11

Instrument :
MSVOA_D
ClientSampleId :
TR-05-012722RE

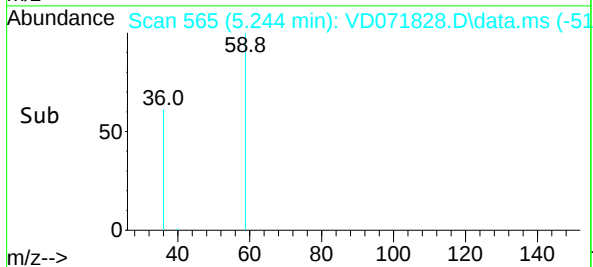
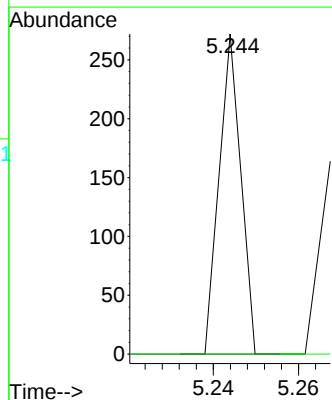
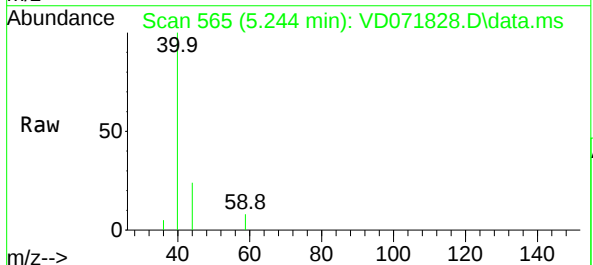


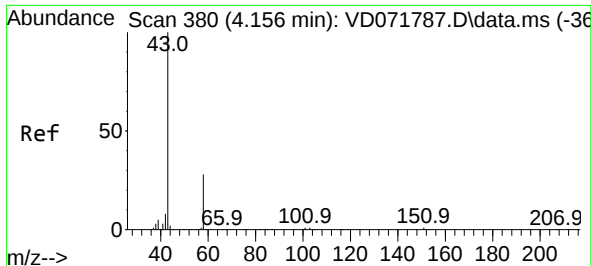
Tgt Ion:168 Resp: 141336
Ion Ratio Lower Upper
168 100
99 67.2 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.244 min Scan# 565
Delta R.T. 0.024 min
Lab File: VD071828.D
Acq: 28 Jan 2022 17:11

Tgt Ion: 59 Resp: 96
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

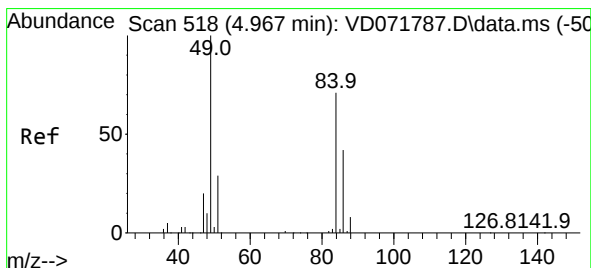
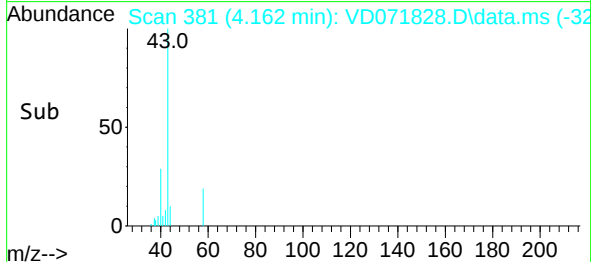
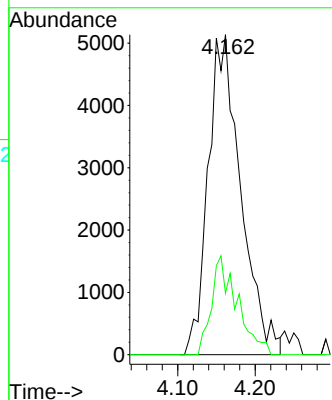
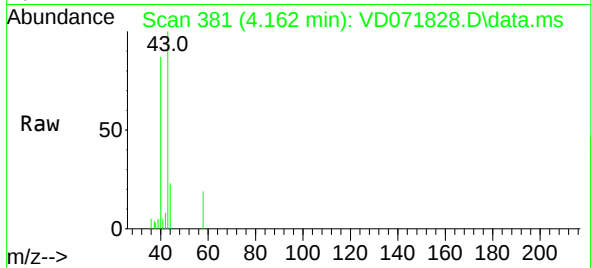




#16
Acetone
Concen: 30.846 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071828.D
Acq: 28 Jan 2022 17:11

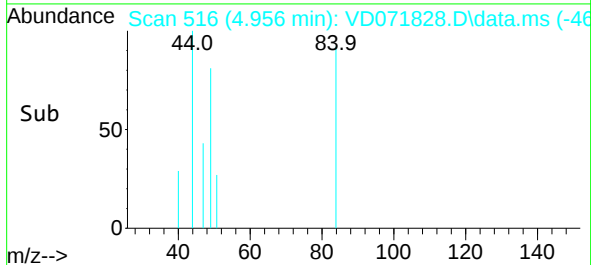
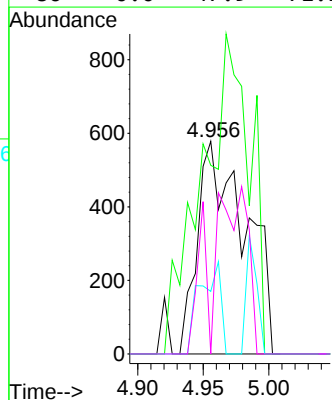
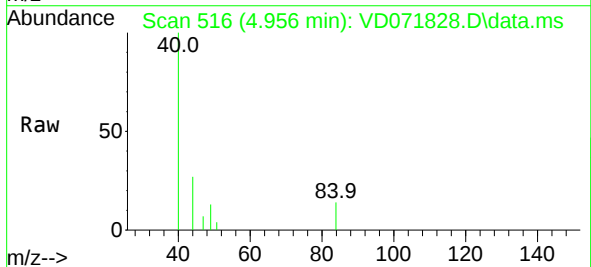
Instrument :
MSVOA_D
ClientSampleId :
TR-05-012722RE

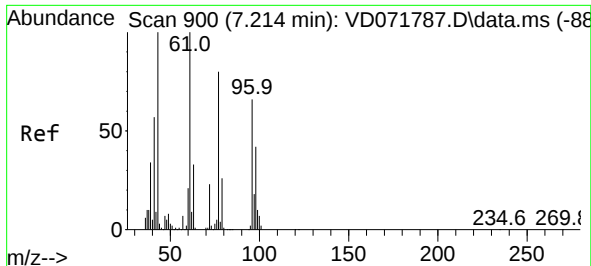
Tgt Ion: 43 Resp: 15084
Ion Ratio Lower Upper
43 100
58 19.2 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD071828.D
Acq: 28 Jan 2022 17:11

Tgt Ion: 84 Resp: 1469
Ion Ratio Lower Upper
84 100
49 88.8 112.8 169.2#
51 29.4 32.6 48.8#
86 0.0 47.9 71.9#

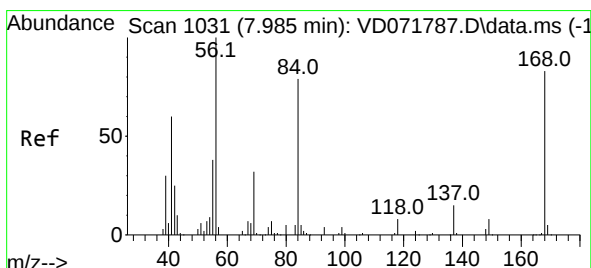
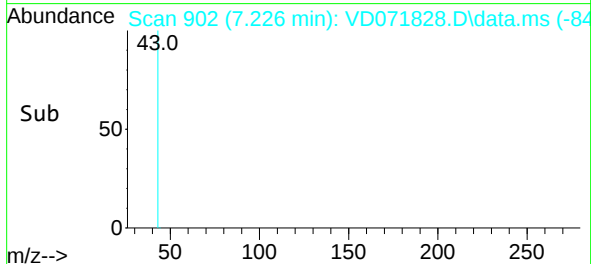
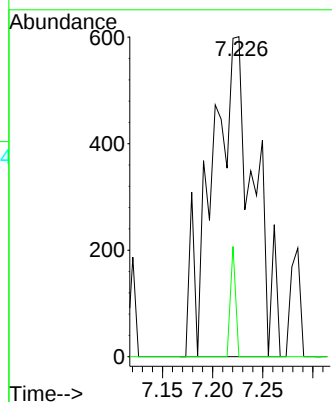
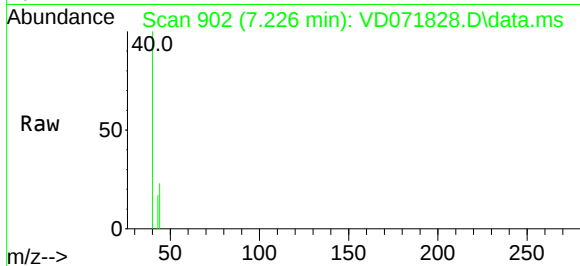




#25
2-Butanone
Concen: 3.087 ug/l
RT: 7.226 min Scan# 90
Delta R.T. 0.012 min
Lab File: VD071828.D
Acq: 28 Jan 2022 17:11

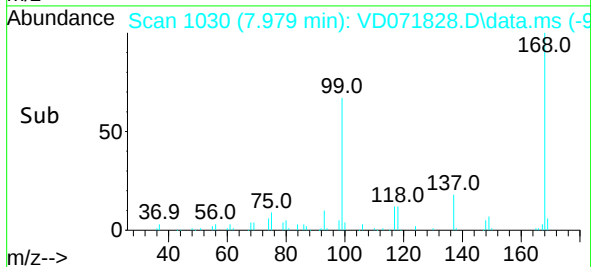
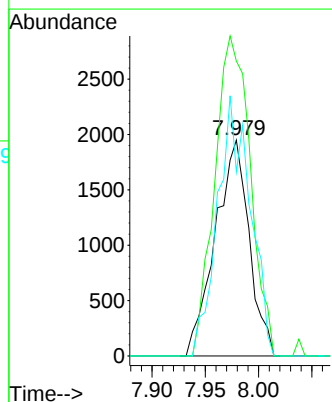
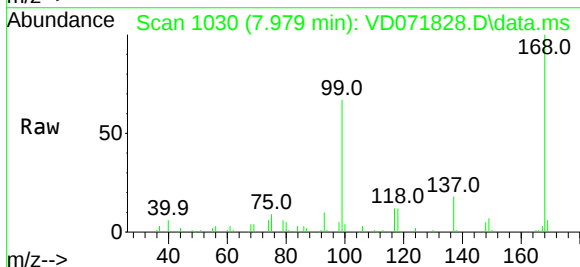
Instrument :
MSVOA_D
ClientSampleId :
TR-05-012722RE

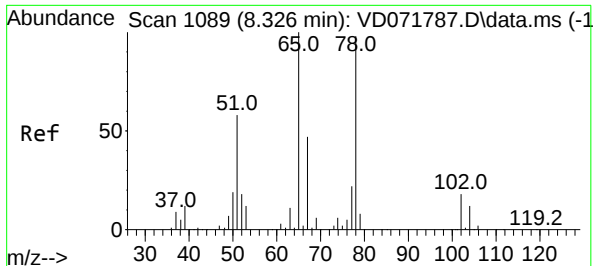
Tgt Ion: 43 Resp: 1760
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.266 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071828.D
Acq: 28 Jan 2022 17:11

Tgt Ion: 56 Resp: 4319
Ion Ratio Lower Upper
56 100
69 136.6 25.4 38.2#
84 85.3 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 83.457 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071828.D

Acq: 28 Jan 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

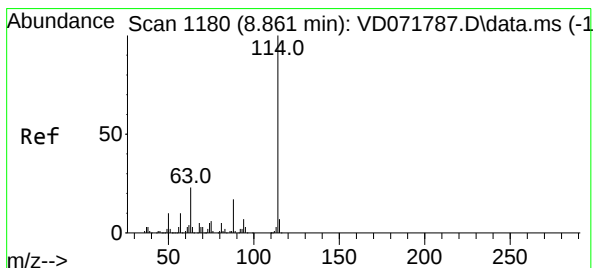
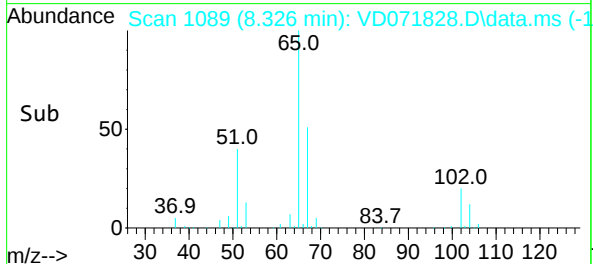
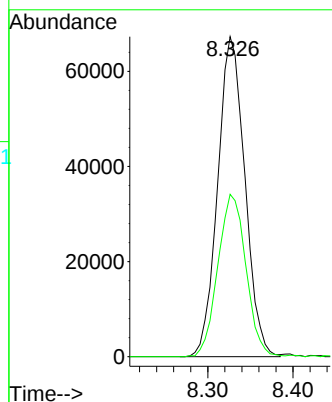
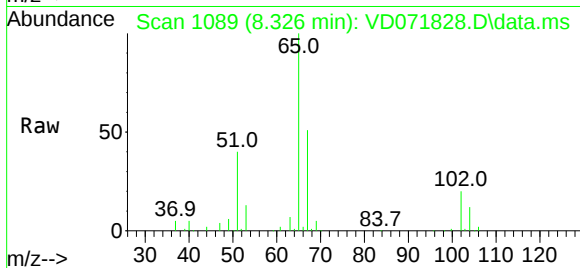
TR-05-012722RE

Tgt Ion: 65 Resp: 149089

Ion Ratio Lower Upper

65 100

67 52.4 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: VD071828.D

Acq: 28 Jan 2022 17:11

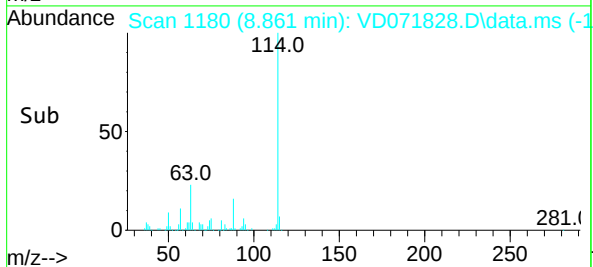
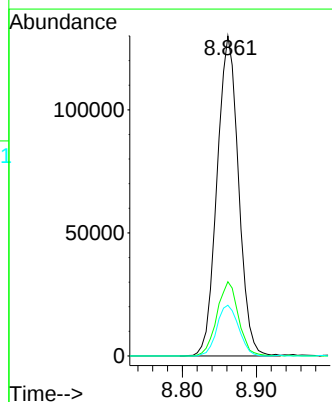
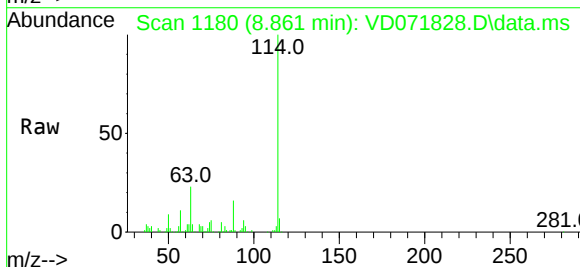
Tgt Ion: 114 Resp: 261481

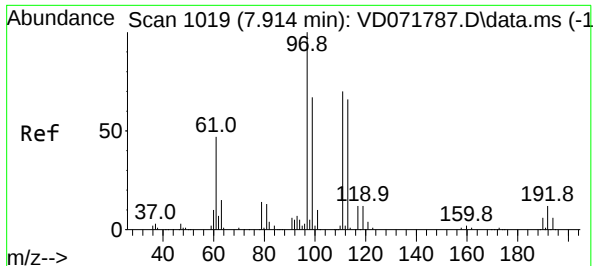
Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 60.808 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071828.D

Acq: 28 Jan 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

TR-05-012722RE

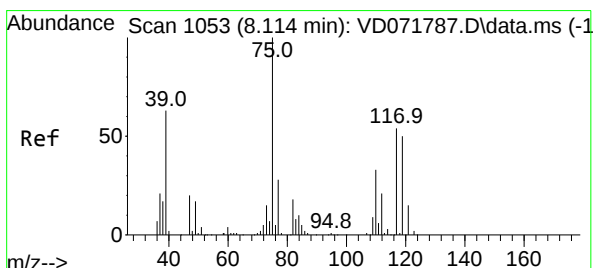
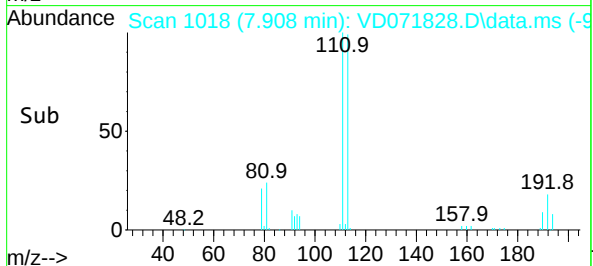
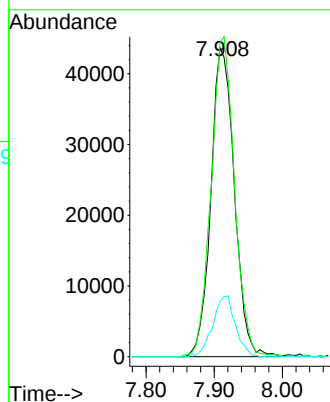
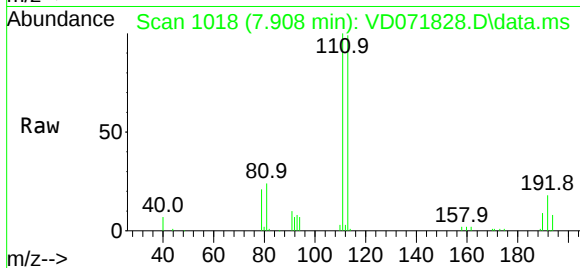
Tgt Ion:113 Resp: 104517

Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 19.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.645 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071828.D

Acq: 28 Jan 2022 17:11

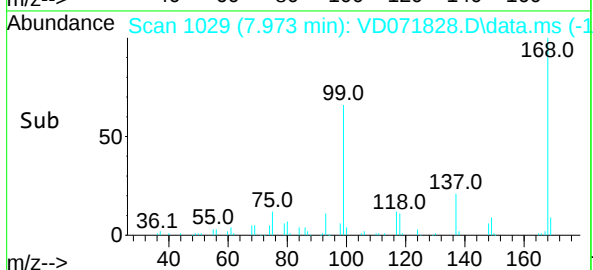
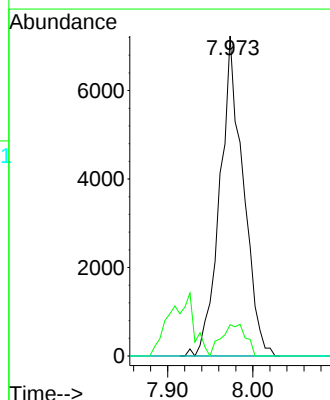
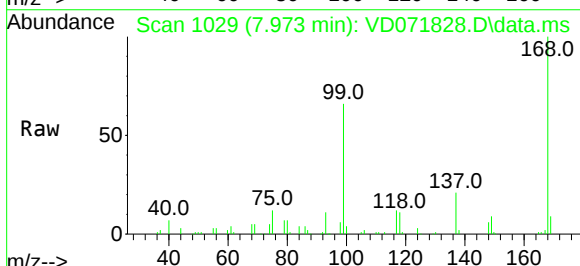
Tgt Ion: 75 Resp: 13704

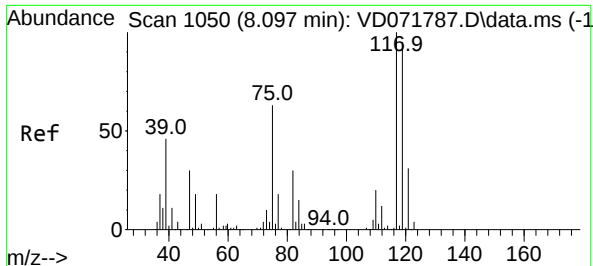
Ion Ratio Lower Upper

75 100

110 10.5 16.4 49.1#

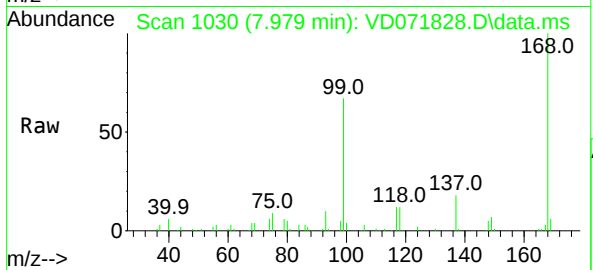
77 0.0 24.2 36.2#



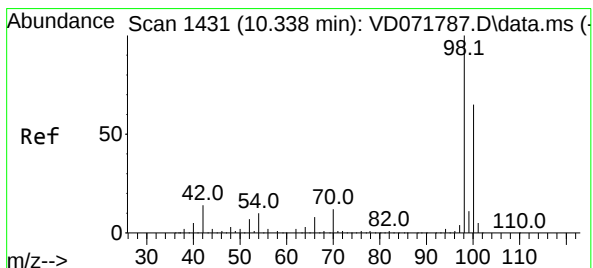
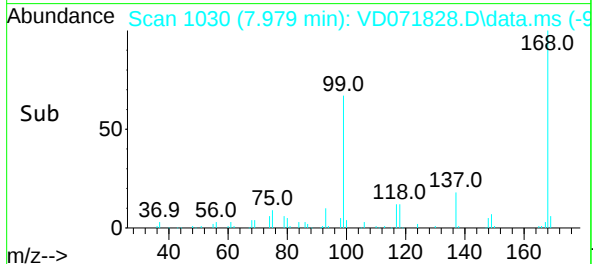
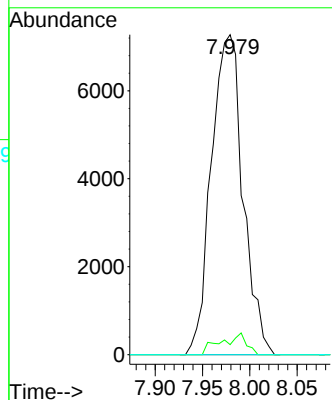


#38
Carbon Tetrachloride
Concen: 5.790 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071828.D
Acq: 28 Jan 2022 17:11

Instrument :
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ClientSampleId :
TR-05-012722RE

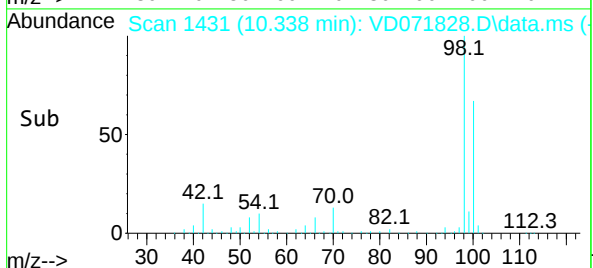
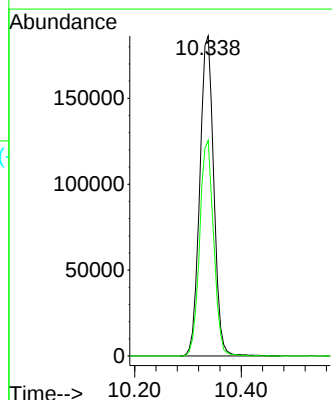
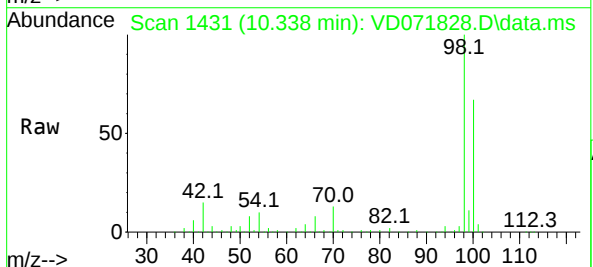


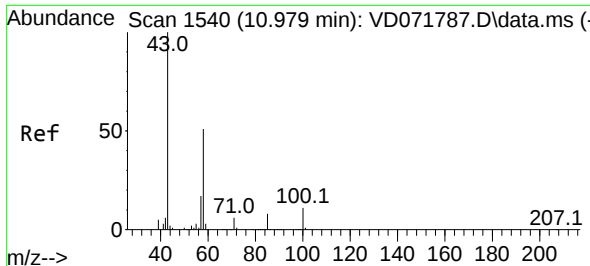
Tgt Ion:117 Resp: 16893
Ion Ratio Lower Upper
117 100
119 3.1 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.821 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071828.D
Acq: 28 Jan 2022 17:11

Tgt Ion: 98 Resp: 339062
Ion Ratio Lower Upper
98 100
100 67.4 52.4 78.6

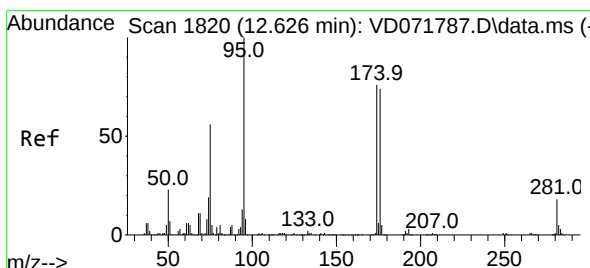
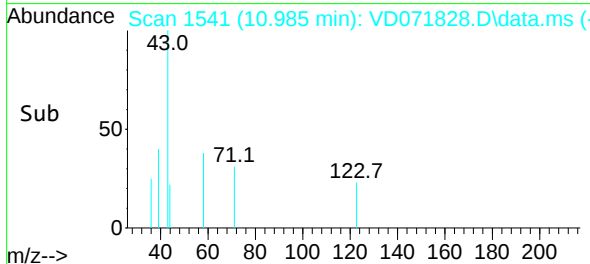
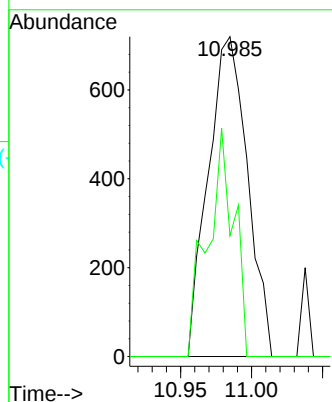
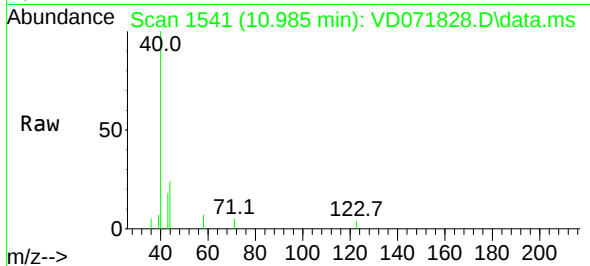




#59
2-Hexanone
Concen: 1.478 ug/l
RT: 10.985 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071828.D
Acq: 28 Jan 2022 17:11

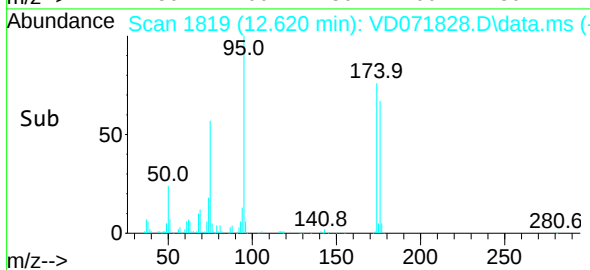
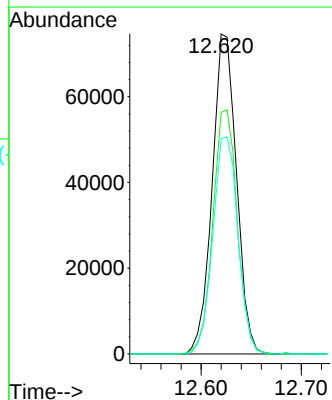
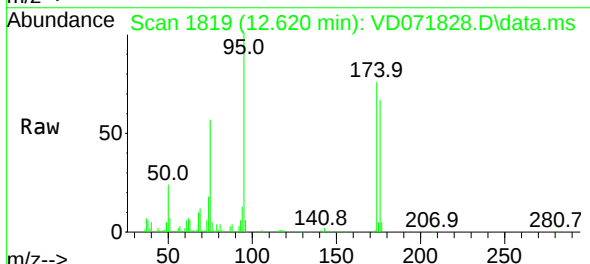
Instrument :
MSVOA_D
ClientSampleId :
TR-05-012722RE

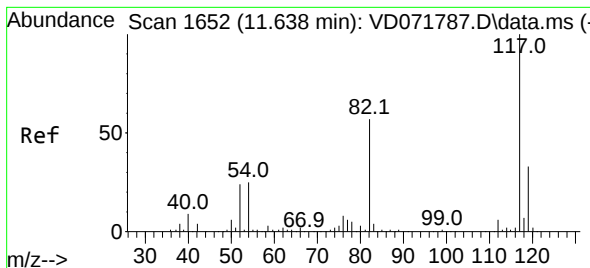
Tgt Ion: 43 Resp: 1384
Ion Ratio Lower Upper
43 100
58 48.1 25.3 75.9



#62
4-Bromofluorobenzene
Concen: 56.016 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071828.D
Acq: 28 Jan 2022 17:11

Tgt Ion: 95 Resp: 125568
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 70.2 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071828.D

Acq: 28 Jan 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

TR-05-012722RE

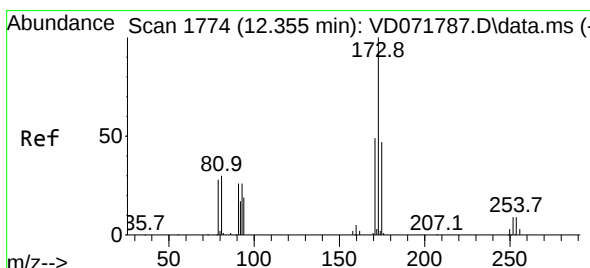
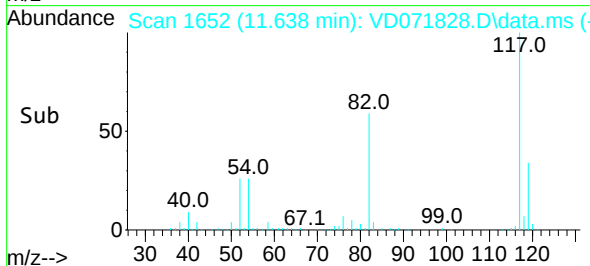
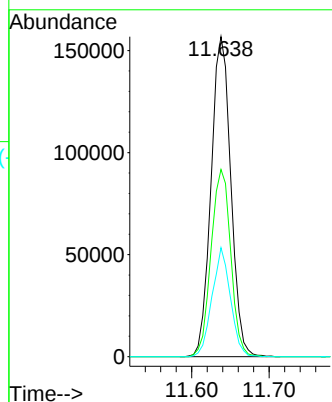
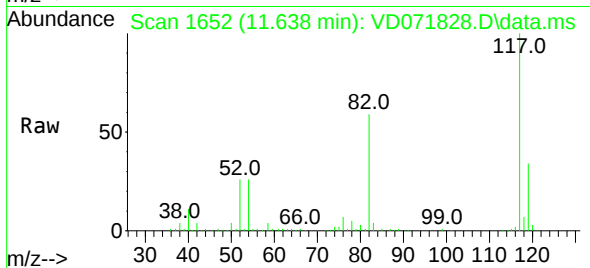
Tgt Ion:117 Resp: 278637

Ion Ratio Lower Upper

117 100

82 58.5 45.3 67.9

119 34.1 26.6 40.0



#71

Bromoform

Concen: 1.184 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.265 min

Lab File: VD071828.D

Acq: 28 Jan 2022 17:11

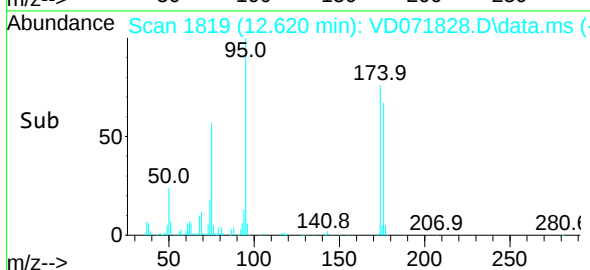
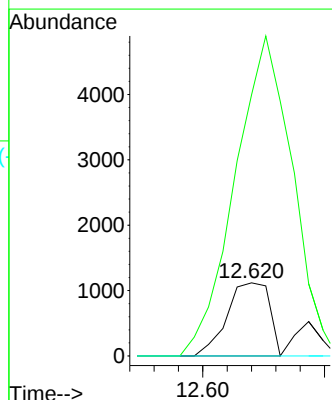
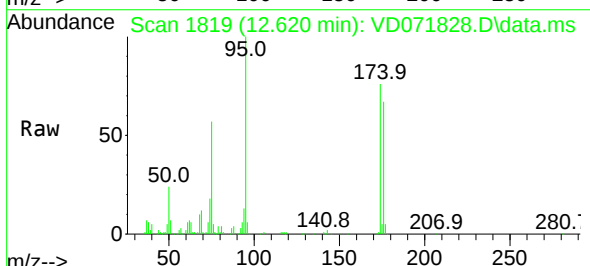
Tgt Ion:173 Resp: 1356

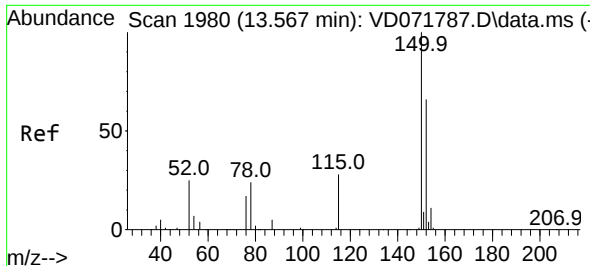
Ion Ratio Lower Upper

173 100

175 479.1 23.9 71.8#

254 0.0 0.0 0.0

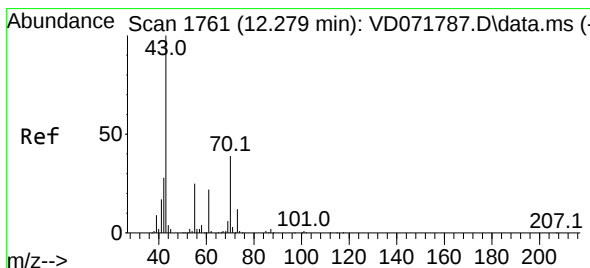
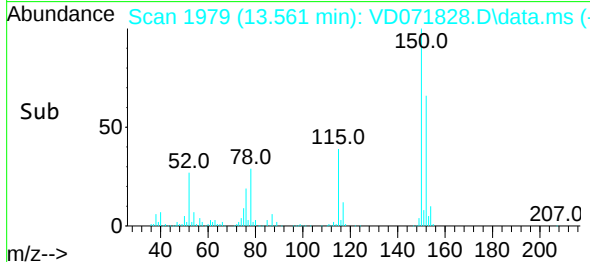
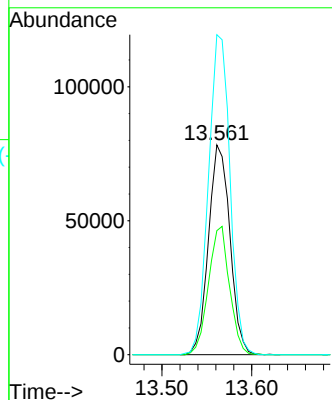
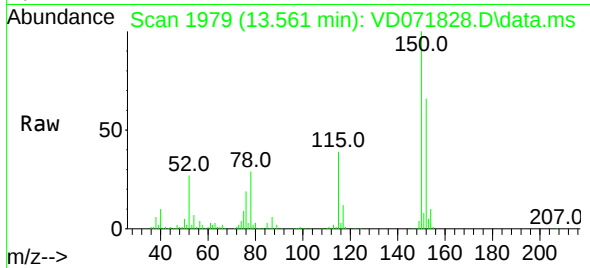




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD071828.D
Acq: 28 Jan 2022 17:11

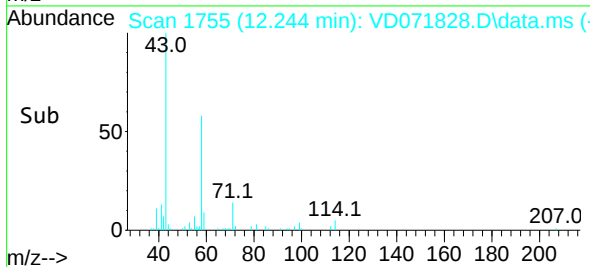
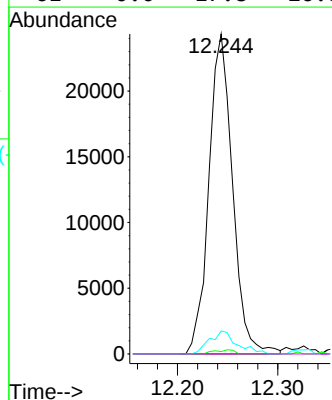
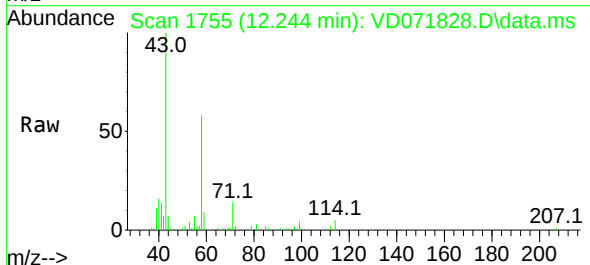
Instrument :
MSVOA_D
ClientSampleId :
TR-05-012722RE

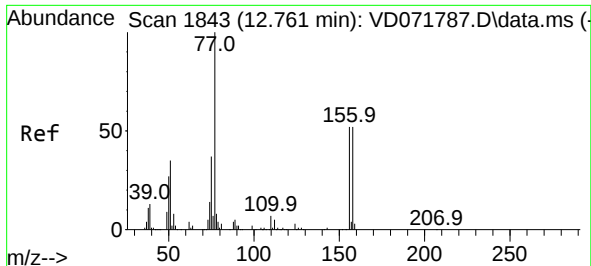
Tgt Ion:152 Resp: 129920
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 153.0 0.0 348.6



#74
N-ethyl acetate
Concen: 16.181 ug/l
RT: 12.244 min Scan# 1755
Delta R.T. -0.035 min
Lab File: VD071828.D
Acq: 28 Jan 2022 17:11

Tgt Ion: 43 Resp: 40033
Ion Ratio Lower Upper
43 100
70 1.1 31.3 46.9#
55 8.3 20.0 30.0#
61 0.0 17.8 26.8#

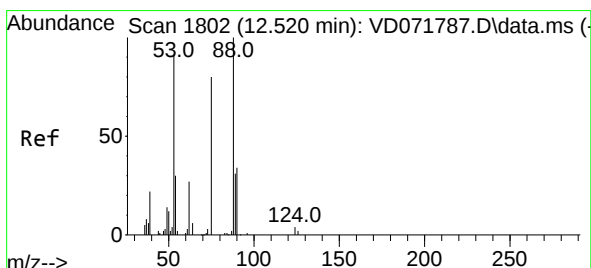
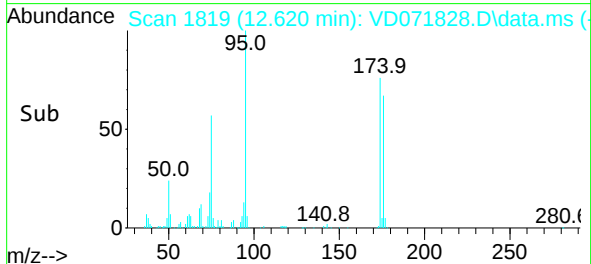
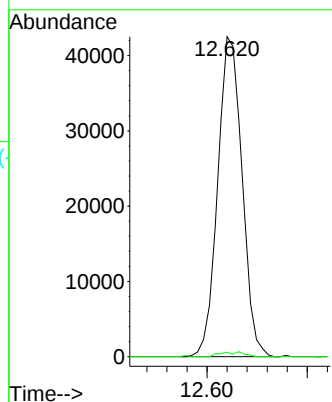
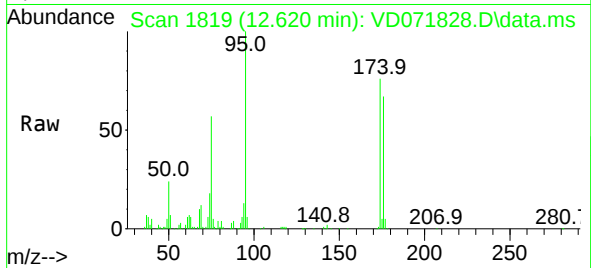




#76
1,2,3-Trichloropropane
Concen: 52.350 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071828.D
Acq: 28 Jan 2022 17:11

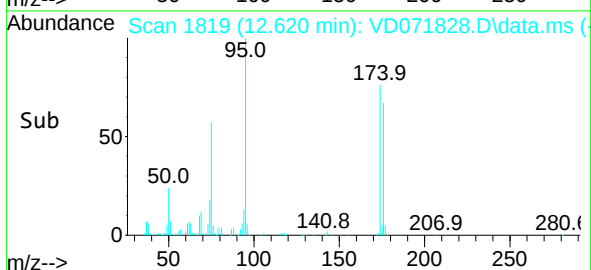
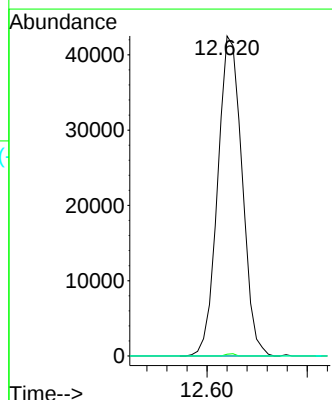
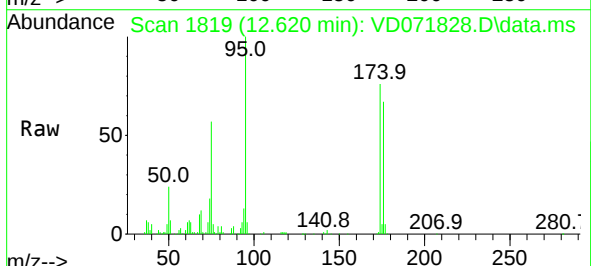
Instrument :
MSVOA_D
ClientSampleId :
TR-05-012722RE

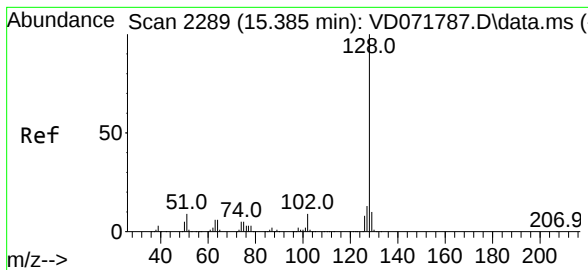
Tgt Ion: 75 Resp: 71678
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.718 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071828.D
Acq: 28 Jan 2022 17:11

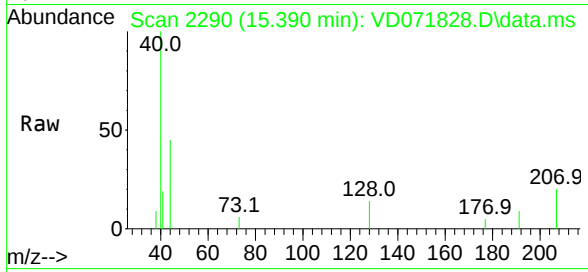
Tgt Ion: 75 Resp: 71678
Ion Ratio Lower Upper
75 100
53 0.3 86.5 129.7#
89 0.0 33.9 50.9#





#95
 Naphthalene
 Concen: 1.630 ug/l
 RT: 15.390 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD071828.D
 Acq: 28 Jan 2022 17:11

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-012722RE



Tgt Ion:	128	Resp:	820
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

