

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073292.D
 Acq On : 23 May 2022 19:41
 Operator : VA/SY
 Sample : N2885-18
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P014-SS002-0612-01

Quant Time: May 24 03:29:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

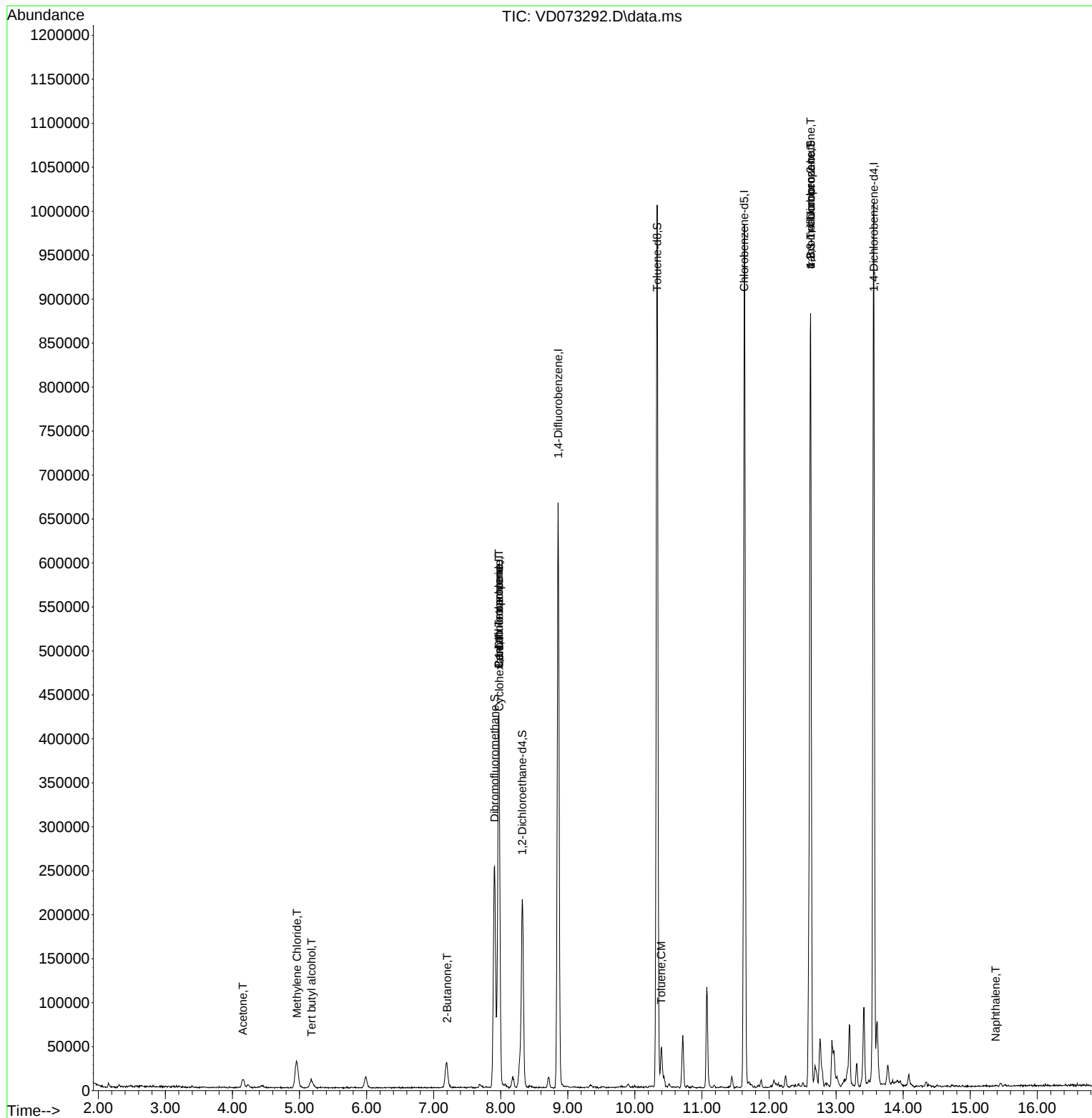
Internal Standards						
1) Pentafluorobenzene	7.973	168	312679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	559990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	573310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	165722	47.958	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.920%		
35) Dibromofluoromethane	7.909	113	181881	49.221	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.440%		
50) Toluene-d8	10.332	98	682163	50.080	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.160%		
62) 4-Bromofluorobenzene	12.620	95	269201	56.315	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	112.620%		
Target Compounds						
5) Bromomethane	2.779	94	324	Below Cal	#	1
11) Tert butyl alcohol	5.179	59	8736	16.295	ug/l #	76
16) Acetone	4.156	43	17126	28.613	ug/l	96
20) Methylene Chloride	4.962	84	23752	2.460	ug/l #	85
25) 2-Butanone	7.203	43	1119	1.278	ug/l #	52
31) Cyclohexane	7.979	56	8472	1.403	ug/l #	7
36) 1,1-Dichloropropene	7.973	75	25846	4.651	ug/l #	50
38) Carbon Tetrachloride	7.973	117	32356	5.744	ug/l #	19
52) Toluene	10.391	92	15756	1.557	ug/l	96
76) 1,2,3-Trichloropropane	12.620	75	134246	51.783	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	134246	124.316	ug/l #	7
95) Naphthalene	15.379	128	456	3.590	ug/l #	70

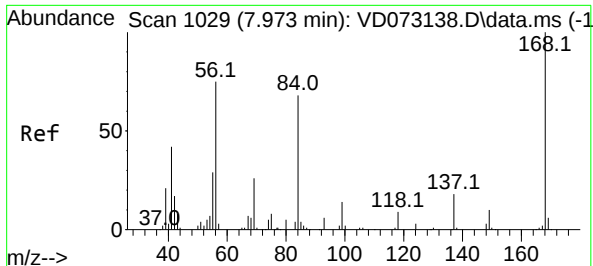
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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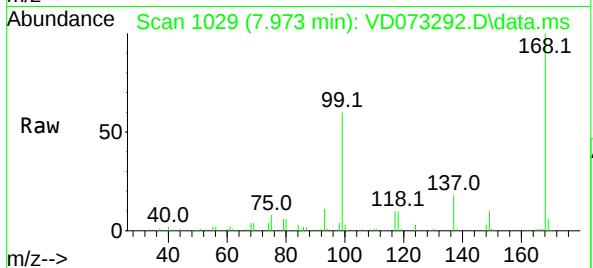
Quant Time: May 24 03:29:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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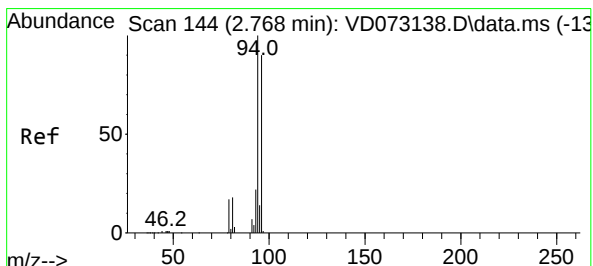
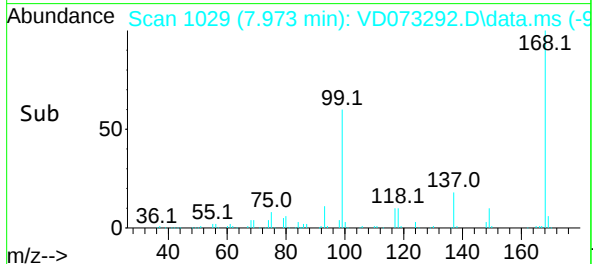
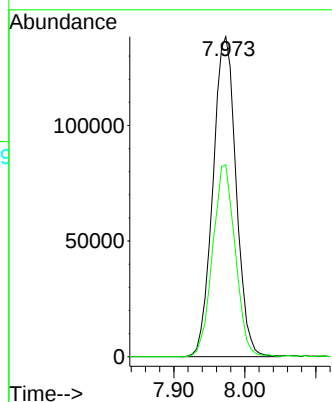


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073292.D
Acq: 23 May 2022 19:41

Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-0612-01

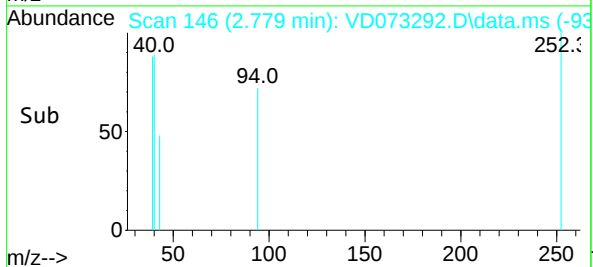
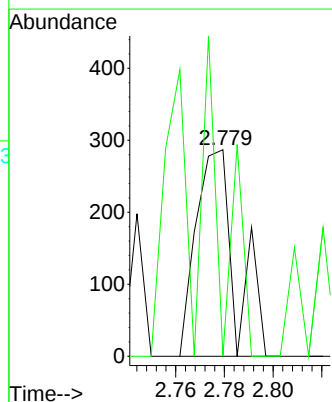
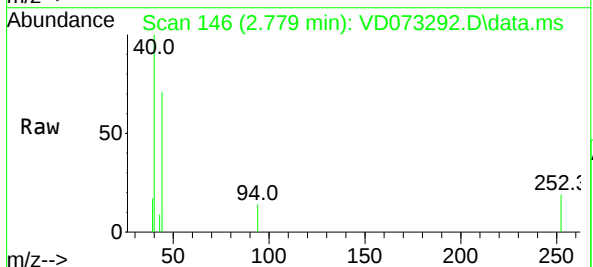


Tgt Ion:168 Resp: 312679
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073292.D
Acq: 23 May 2022 19:41

Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#

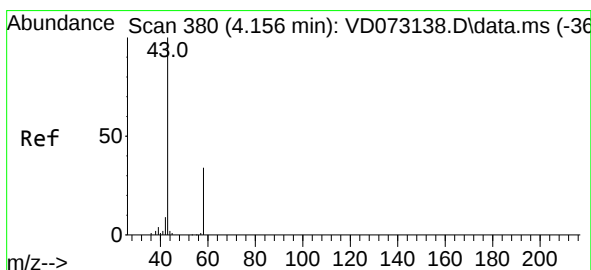
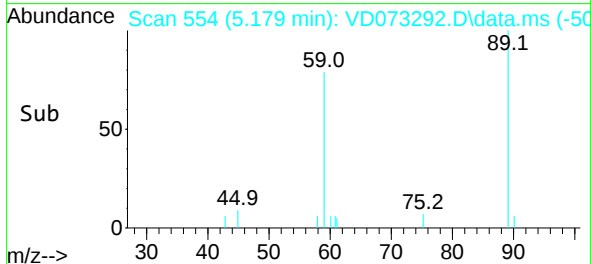
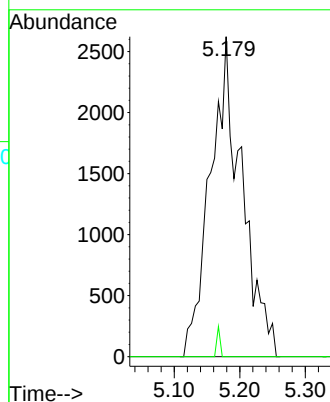
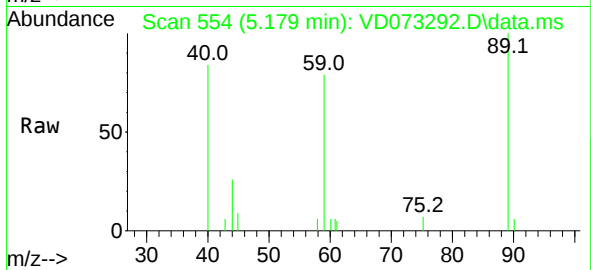




#11
Tert butyl alcohol
Concen: 16.295 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073292.D
Acq: 23 May 2022 19:41

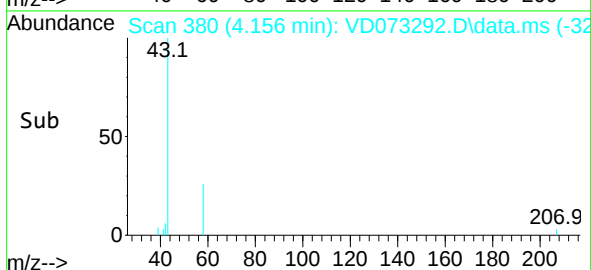
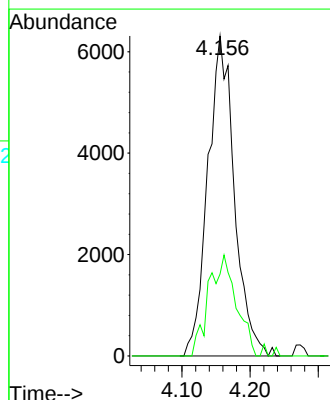
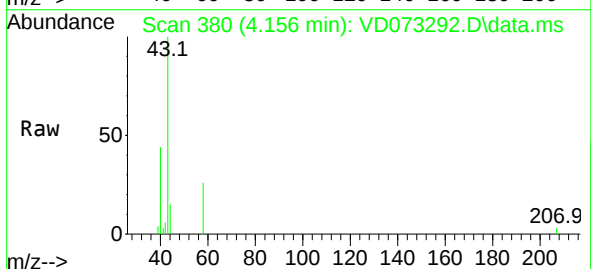
Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-0612-01

Tgt Ion: 59 Resp: 8736
Ion Ratio Lower Upper
59 100
57 1.0 7.8 11.6#



#16
Acetone
Concen: 28.613 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073292.D
Acq: 23 May 2022 19:41

Tgt Ion: 43 Resp: 17126
Ion Ratio Lower Upper
43 100
58 25.6 22.1 33.1

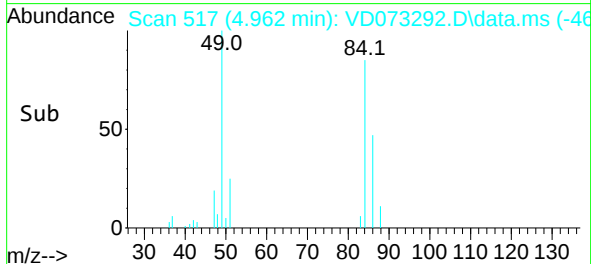
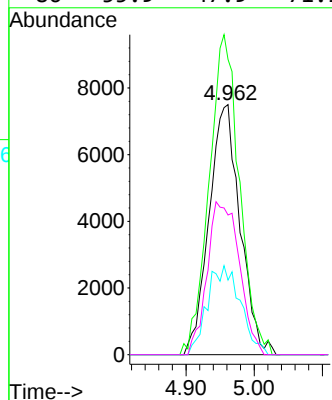
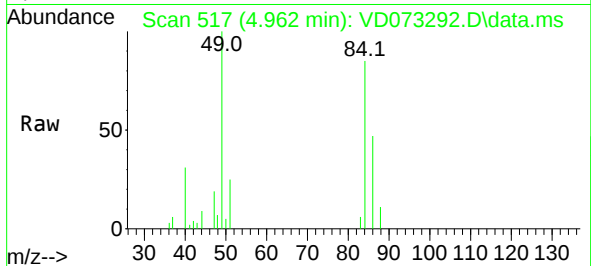




#20
Methylene Chloride
Concen: 2.460 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073292.D
Acq: 23 May 2022 19:41

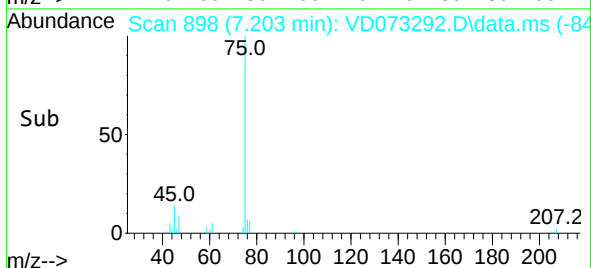
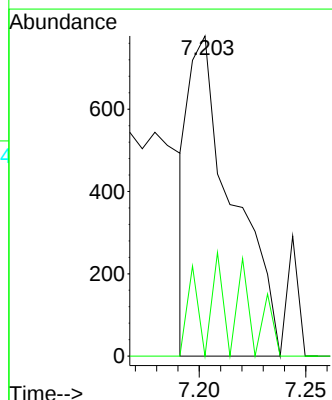
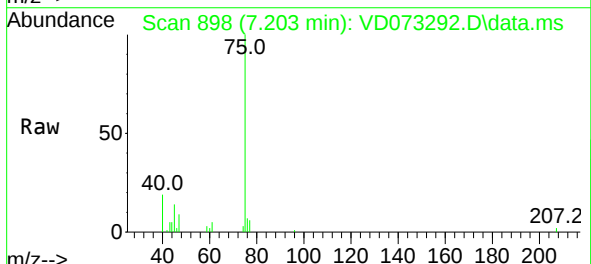
Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-0612-01

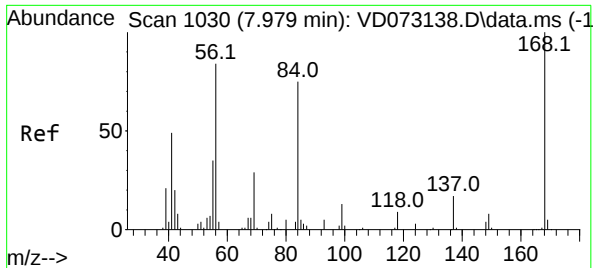
Tgt Ion:	84	Resp:	23752
Ion	Ratio	Lower	Upper
84	100		
49	118.0	112.8	169.2
51	29.8	32.6	48.8#
86	55.9	47.9	71.9



#25
2-Butanone
Concen: 1.278 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.005 min
Lab File: VD073292.D
Acq: 23 May 2022 19:41

Tgt Ion:	43	Resp:	1119
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#31

Cyclohexane

Concen: 1.403 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073292.D

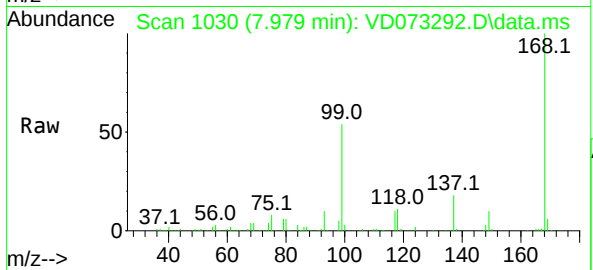
Acq: 23 May 2022 19:41

Instrument :

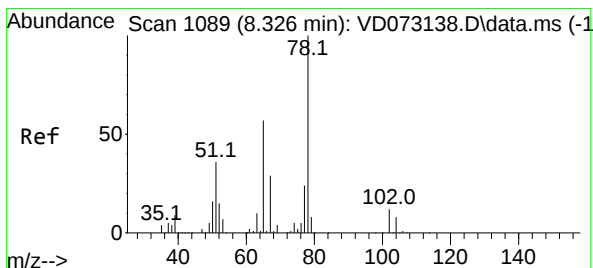
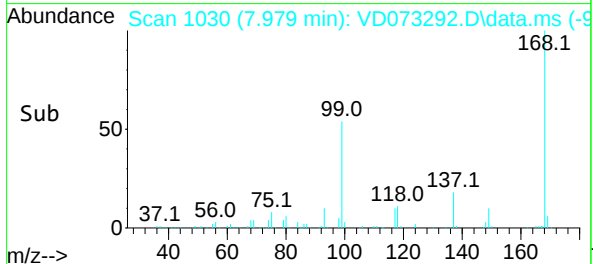
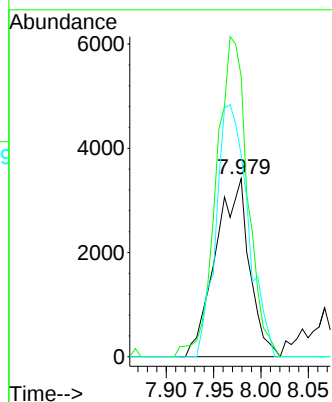
MSVOA_D

ClientSampleId :

P014-SS002-0612-01



Tgt Ion:	56	Resp:	8472
Ion	Ratio	Lower	Upper
56	100		
69	157.8	25.4	38.2#
84	113.3	63.0	94.4#



#33

1,2-Dichloroethane-d4

Concen: 47.958 ug/l

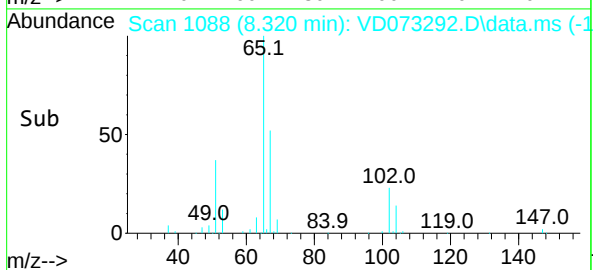
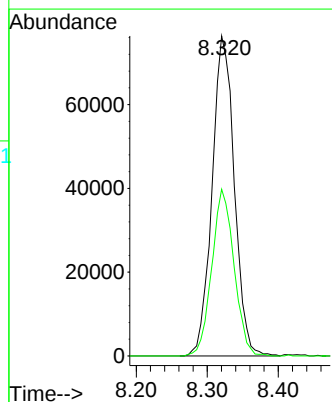
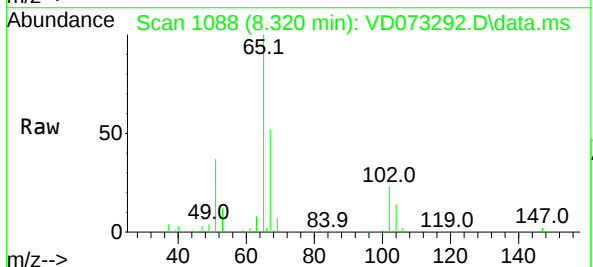
RT: 8.320 min Scan# 1088

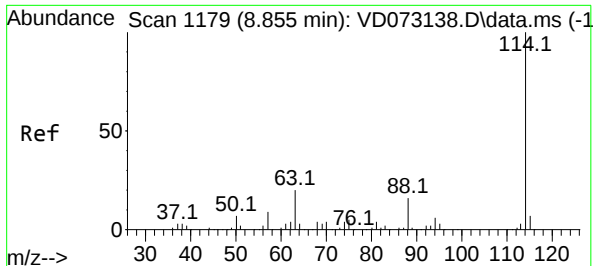
Delta R.T. -0.006 min

Lab File: VD073292.D

Acq: 23 May 2022 19:41

Tgt Ion:	65	Resp:	165722
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073292.D

Acq: 23 May 2022 19:41

Instrument :

MSVOA_D

ClientSampleId :

P014-SS002-0612-01

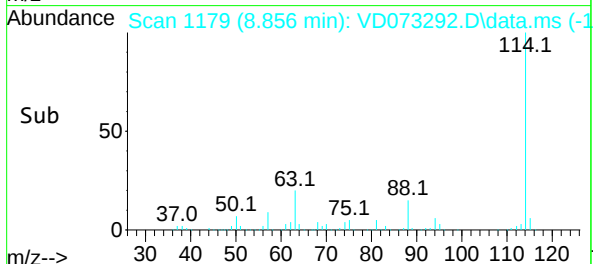
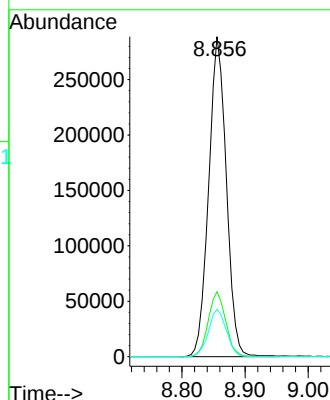
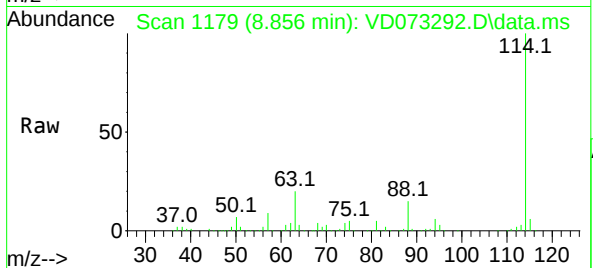
Tgt Ion:114 Resp: 559990

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 14.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.221 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073292.D

Acq: 23 May 2022 19:41

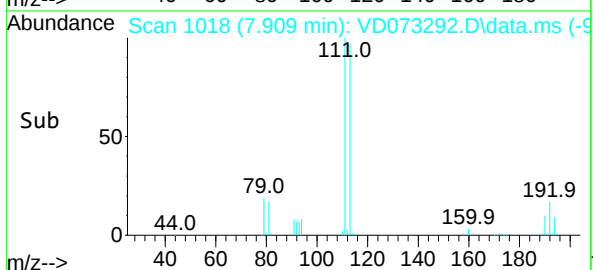
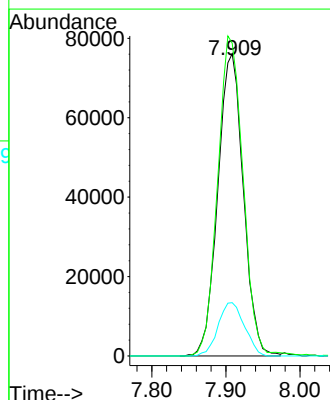
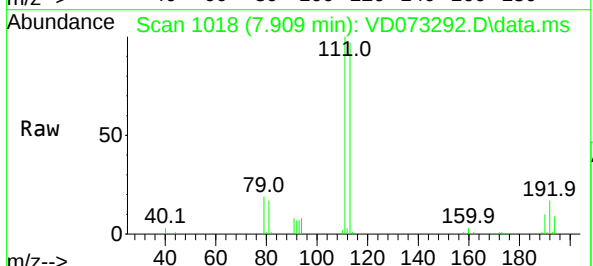
Tgt Ion:113 Resp: 181881

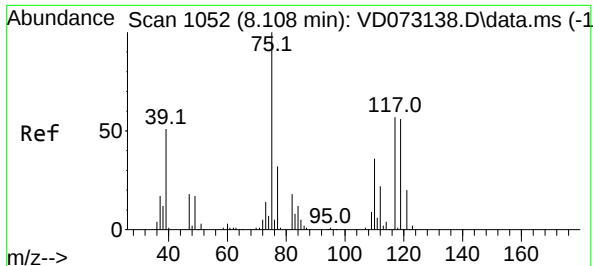
Ion Ratio Lower Upper

113 100

111 105.5 83.8 125.6

192 18.2 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.651 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073292.D

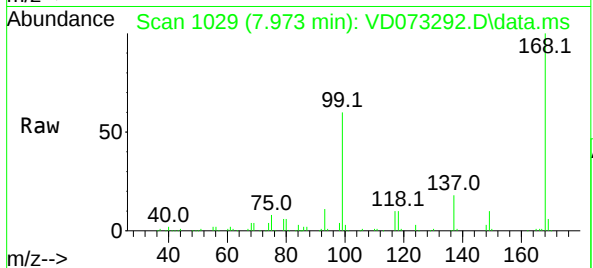
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Instrument :

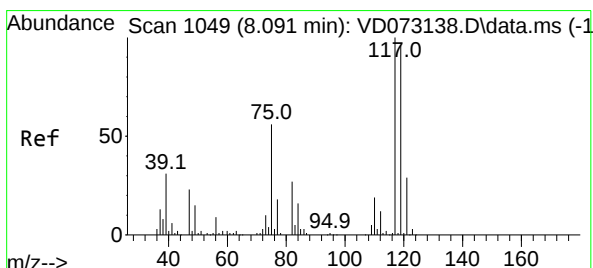
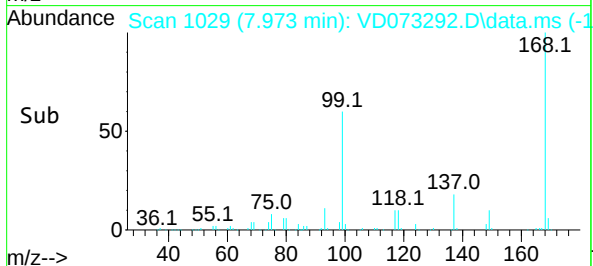
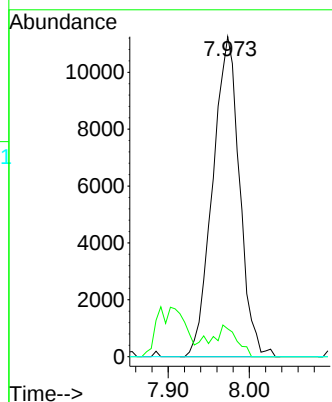
MSVOA_D

ClientSampleId :

P014-SS002-0612-01



Tgt Ion: 75	Resp: 25846
Ion Ratio	Lower Upper
75	100
110	7.5 16.4 49.1#
77	0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.744 ug/l

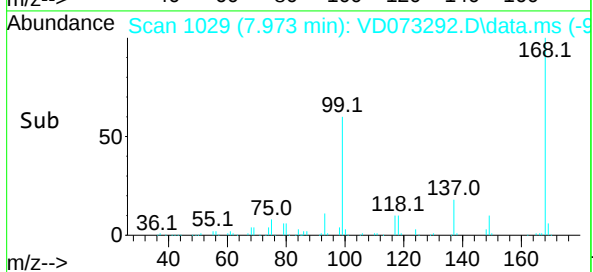
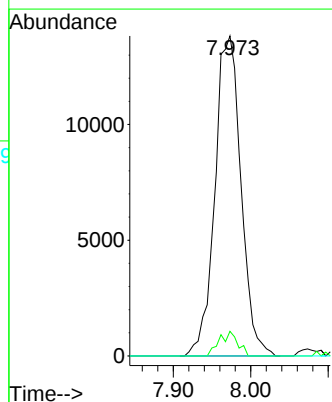
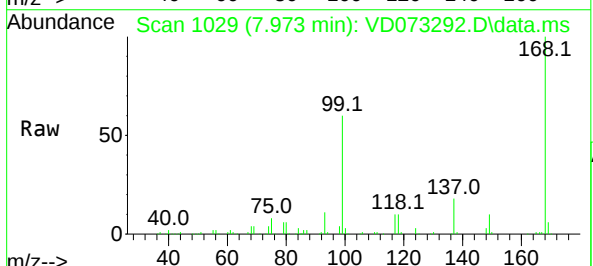
RT: 7.973 min Scan# 1029

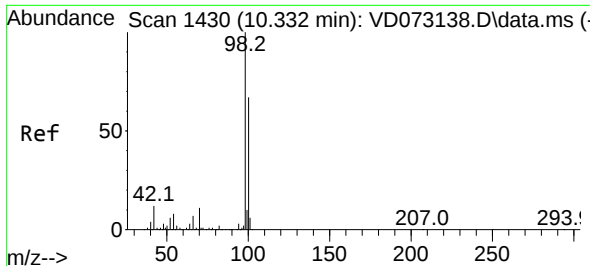
Delta R.T. -0.118 min

Lab File: VD073292.D

Acq: 23 May 2022 19:41

Tgt Ion: 117	Resp: 32356
Ion Ratio	Lower Upper
117	100
119	7.7 75.8 113.6#
121	0.0 24.5 36.7#

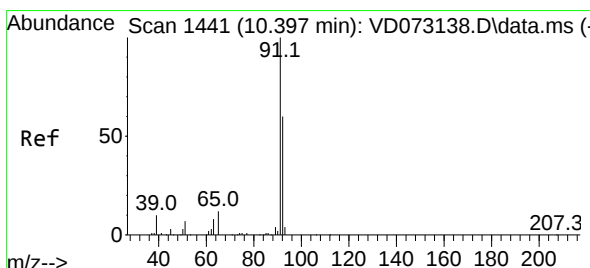
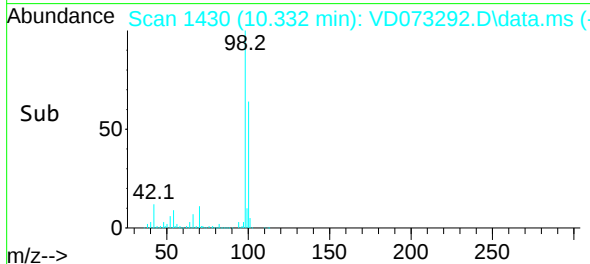
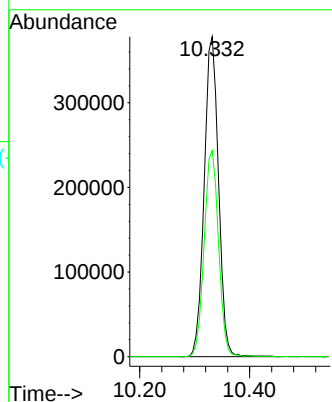
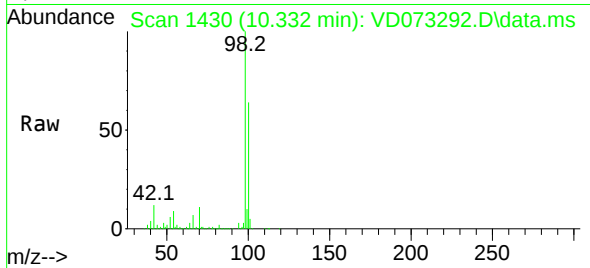




#50
Toluene-d8
Concen: 50.080 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073292.D
Acq: 23 May 2022 19:41

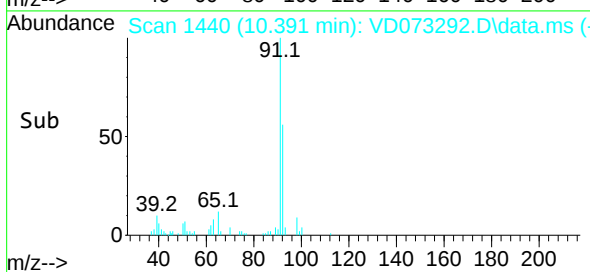
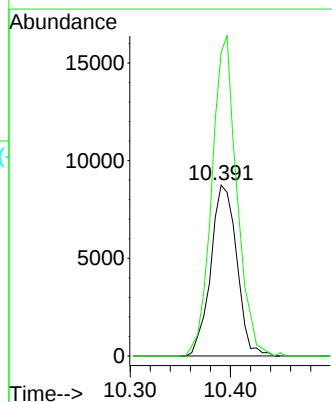
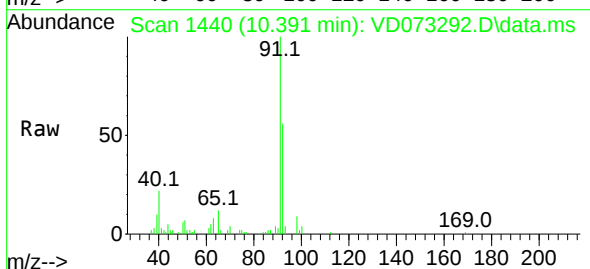
Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-0612-01

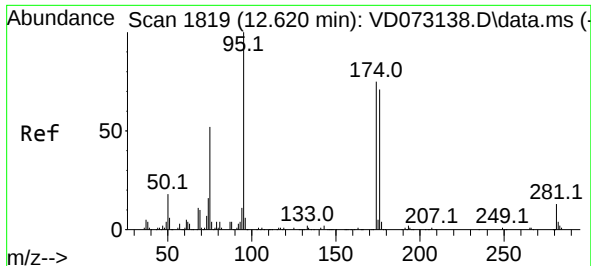
Tgt Ion: 98 Resp: 682163
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#52
Toluene
Concen: 1.557 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073292.D
Acq: 23 May 2022 19:41

Tgt Ion: 92 Resp: 15756
Ion Ratio Lower Upper
92 100
91 180.4 139.6 209.4

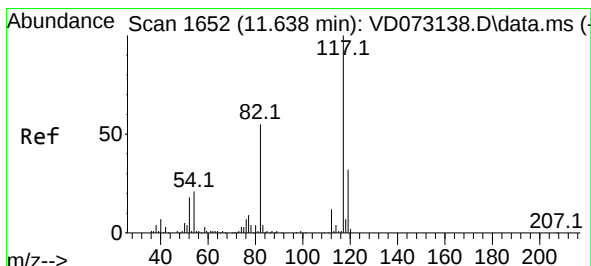
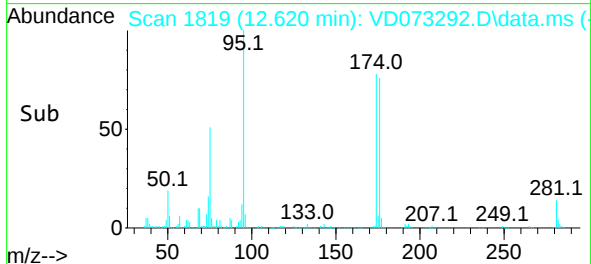
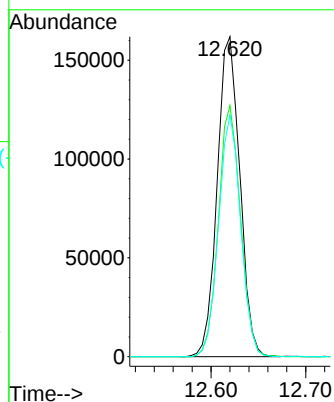
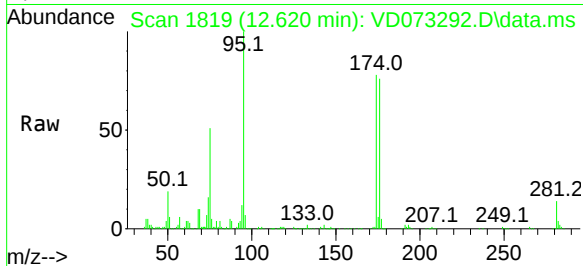




#62
4-Bromofluorobenzene
Concen: 56.315 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073292.D
Acq: 23 May 2022 19:41

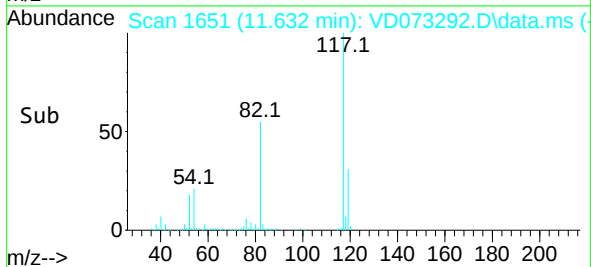
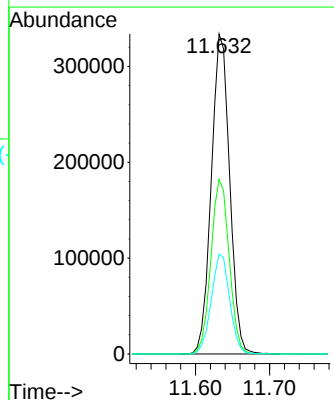
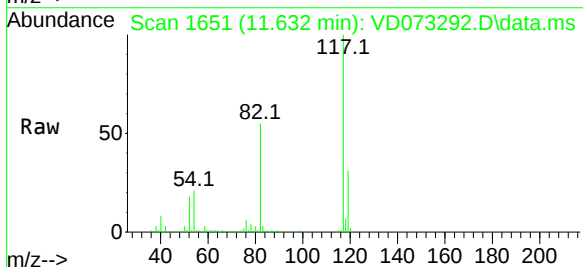
Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-0612-01

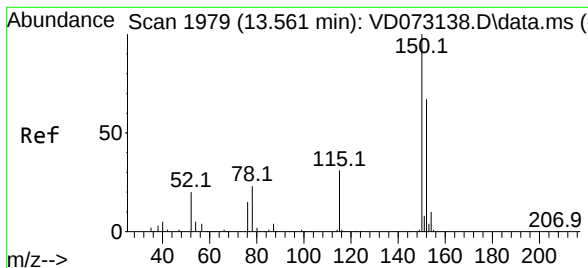
Tgt Ion: 95 Resp: 269201
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 73.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073292.D
Acq: 23 May 2022 19:41

Tgt Ion: 117 Resp: 573310
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 31.3 26.6 40.0

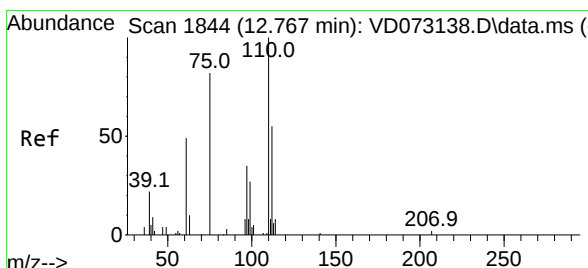
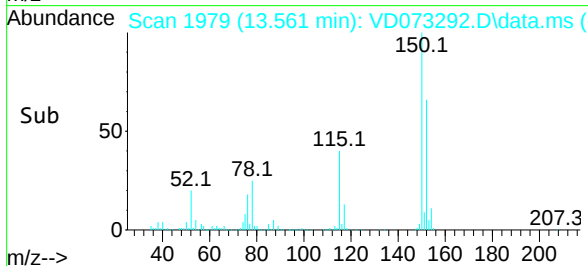
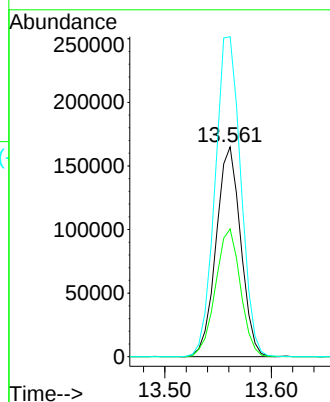
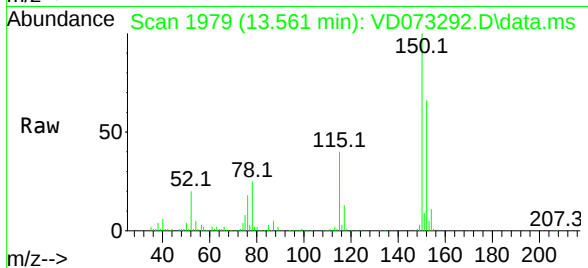




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073292.D
 Acq: 23 May 2022 19:41

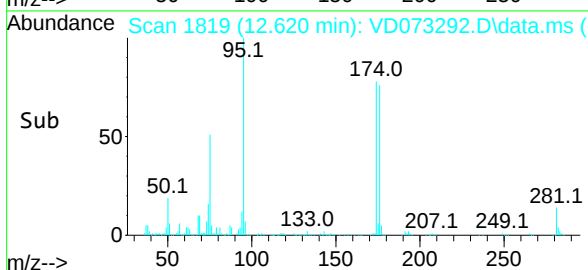
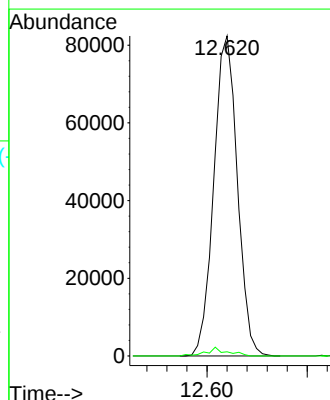
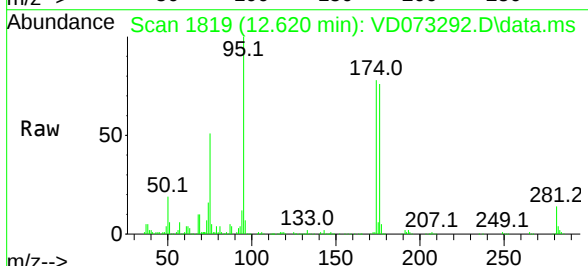
Instrument :
 MSVOA_D
 ClientSampleId :
 P014-SS002-0612-01

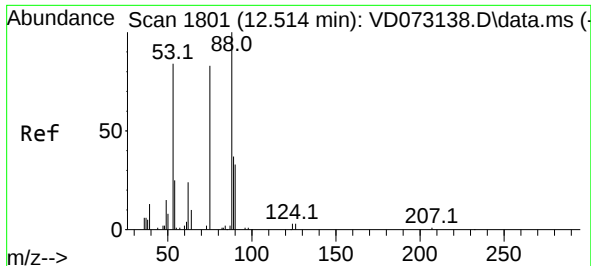
Tgt Ion:152 Resp: 264220
 Ion Ratio Lower Upper
 152 100
 115 61.9 31.3 93.8
 150 159.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 51.783 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073292.D
 Acq: 23 May 2022 19:41

Tgt Ion: 75 Resp: 134246
 Ion Ratio Lower Upper
 75 100
 77 2.3 0.0 0.0#

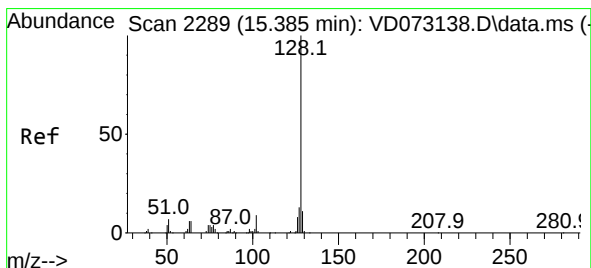
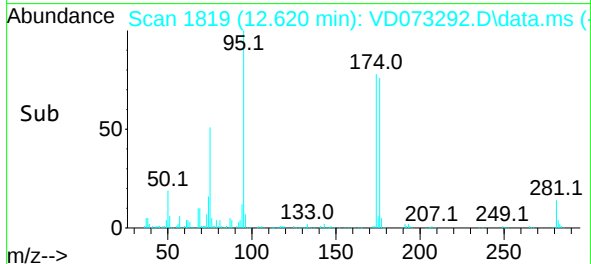
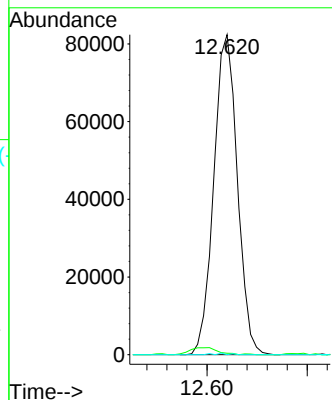
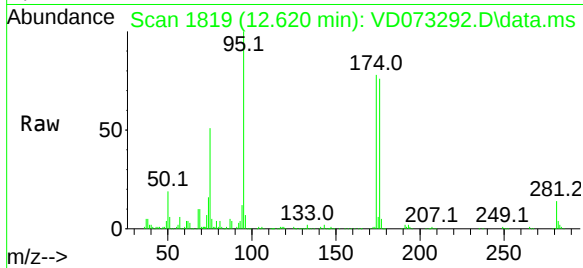




#81
trans-1,4-Dichloro-2-butene
Concen: 124.316 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073292.D
Acq: 23 May 2022 19:41

Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-0612-01

Tgt Ion: 75 Resp: 134246
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.2 33.9 50.9#



#95
Naphthalene
Concen: 3.590 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073292.D
Acq: 23 May 2022 19:41

Tgt Ion: 128 Resp: 456
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

