

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072475.D
 Acq On : 30 Mar 2022 13:23
 Operator : VA/SY
 Sample : N2103-05
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200031RE

Quant Time: Mar 31 03:08:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

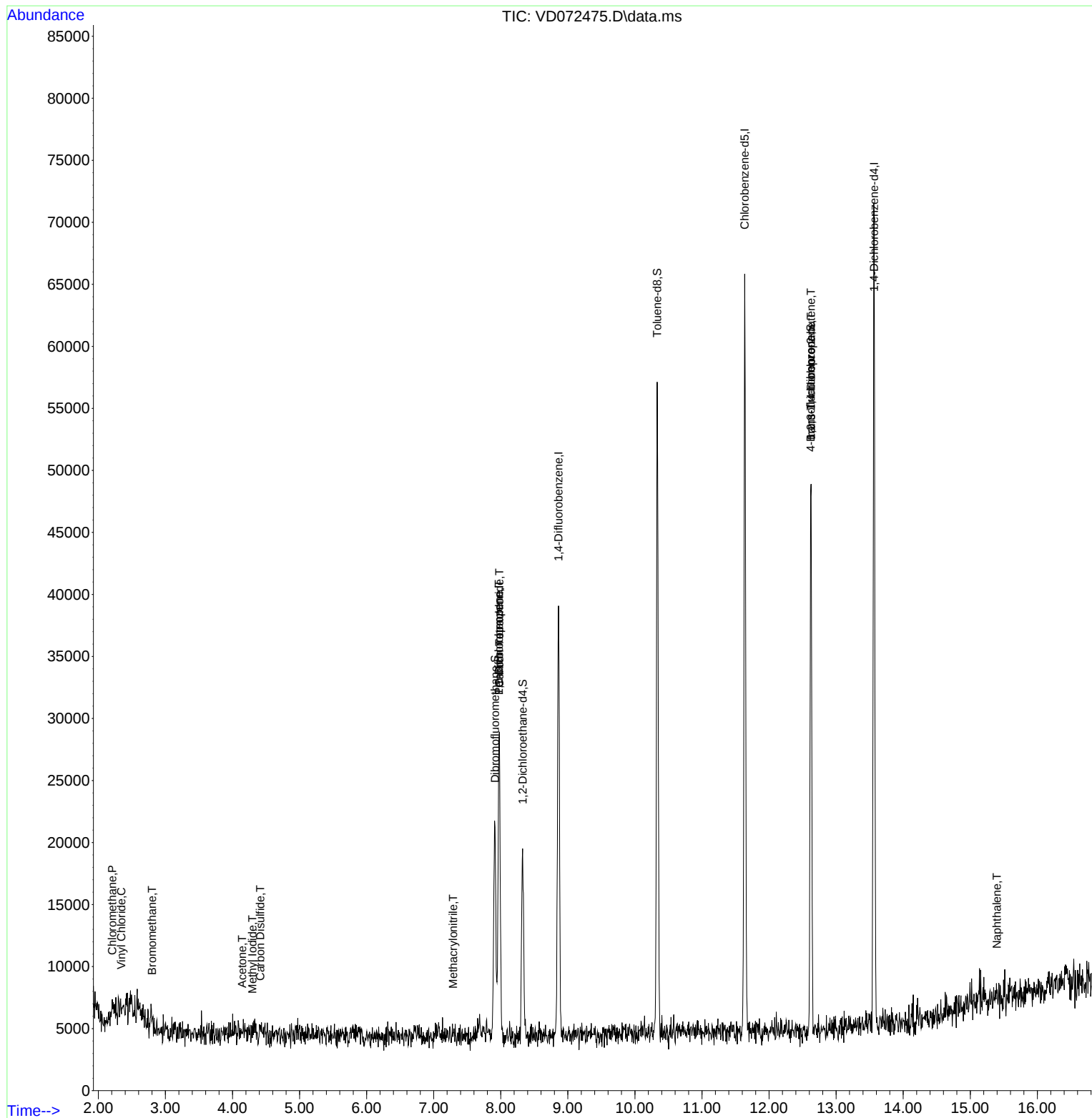
Internal Standards						
1) Pentafluorobenzene	7.973	168	18551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	30667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	36261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	17055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	12107	53.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.900%	
35) Dibromofluoromethane	7.914	113	12164	51.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.080%	
50) Toluene-d8	10.332	98	35550	42.912	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 85.820%	
62) 4-Bromofluorobenzene	12.620	95	16389	50.655	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.320%	
Target Compounds						Qvalue
3) Chloromethane	2.209	50	756	5.552	ug/l	96
4) Vinyl Chloride	2.344	62	116	1.677	ug/l #	43
5) Bromomethane	2.803	94	1234	11.760	ug/l #	67
10) Methyl Iodide	4.297	142	574	6.405	ug/l #	63
16) Acetone	4.144	43	103	2.461	ug/l #	47
17) Carbon Disulfide	4.414	76	54	3.765	ug/l #	74
36) 1,1-Dichloropropene	7.973	75	1693	6.558	ug/l #	43
38) Carbon Tetrachloride	7.979	117	2028	6.177	ug/l #	13
41) Methacrylonitrile	7.291	41	60	2.444	ug/l #	27
76) 1,2,3-Trichloropropane	12.626	75	8442	45.384	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	8442	111.364	ug/l #	7
95) Naphthalene	15.396	128	1031	1.517	ug/l #	77

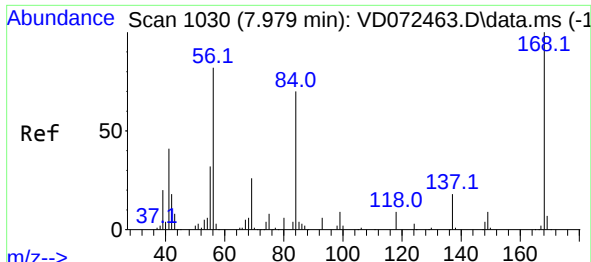
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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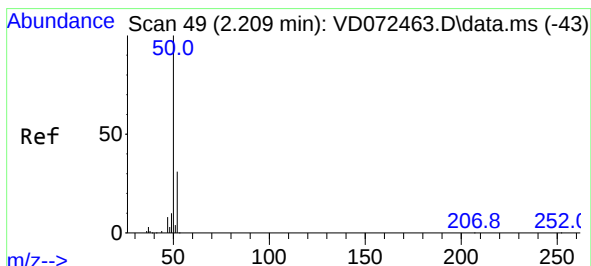
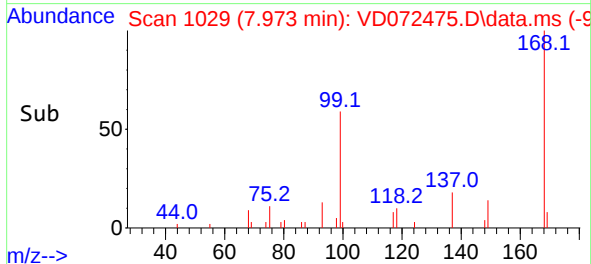
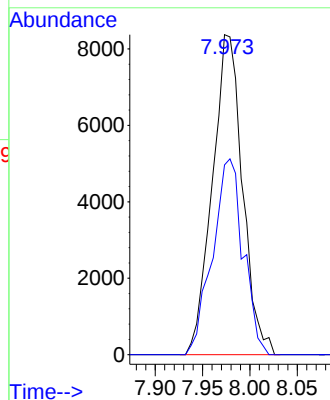
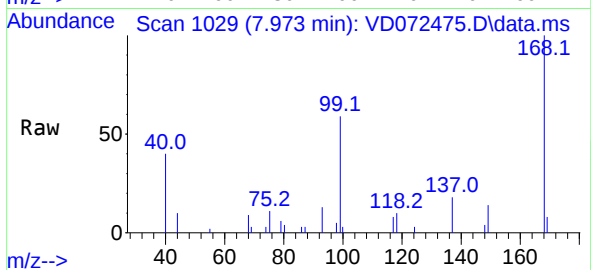




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

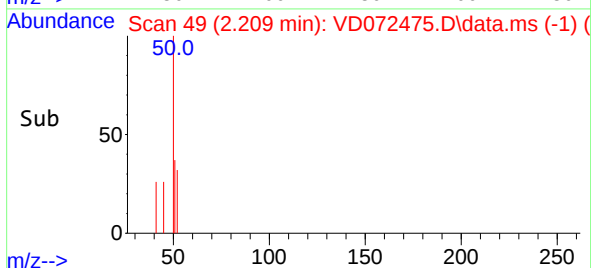
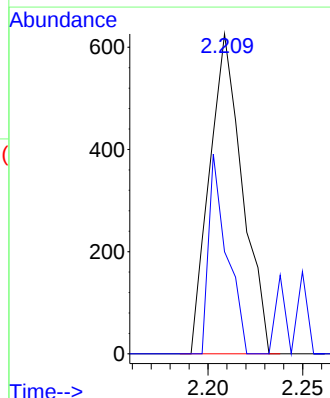
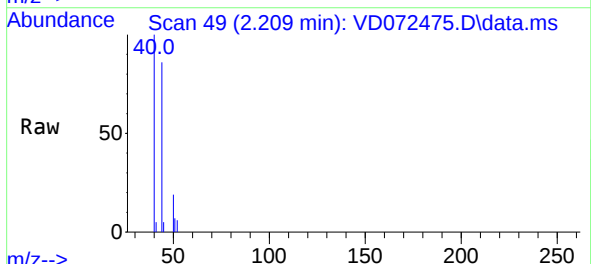
Instrument :
MSVOA_D
ClientSampleId :
RBR-200031RE

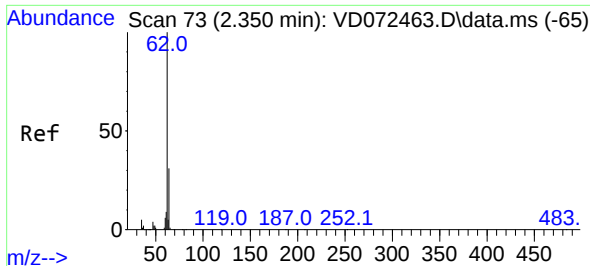
Tgt Ion:168 Resp: 18551
Ion Ratio Lower Upper
168 100
99 59.3 49.8 74.6



#3
Chloromethane
Concen: 5.552 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

Tgt Ion: 50 Resp: 756
Ion Ratio Lower Upper
50 100
52 31.9 27.4 41.0

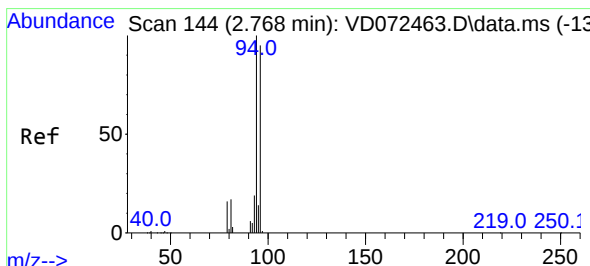
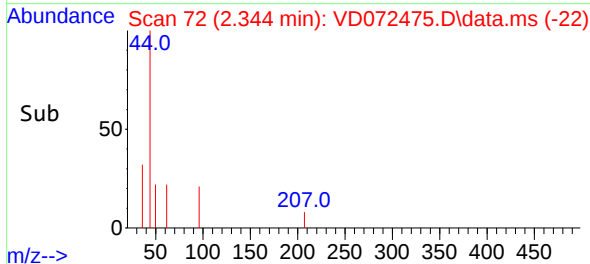
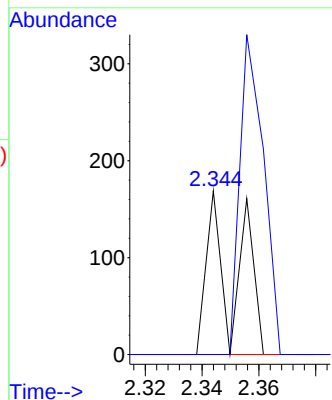
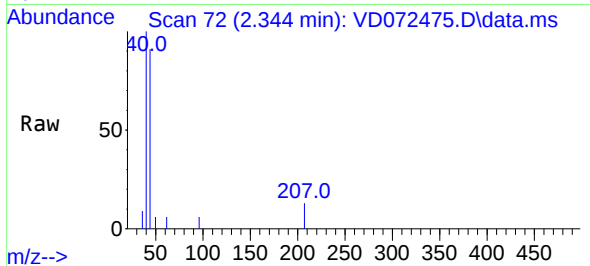




#4
 Vinyl Chloride
 Concen: 1.677 ug/l
 RT: 2.344 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD072475.D
 Acq: 30 Mar 2022 13:23

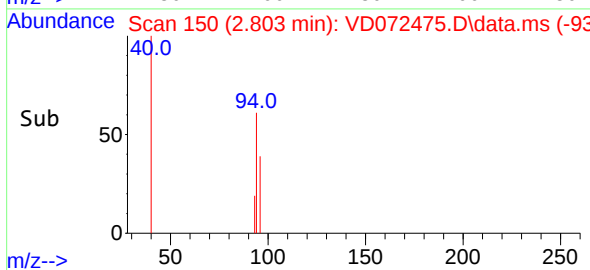
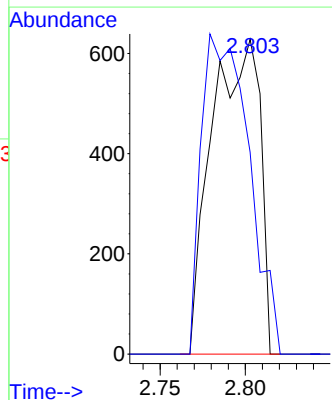
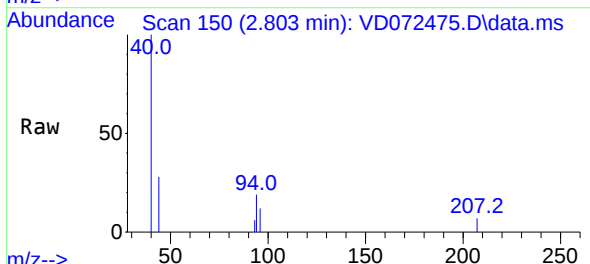
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200031RE

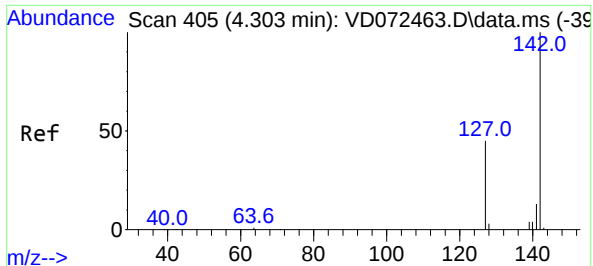
Tgt Ion: 62 Resp: 116
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 11.760 ug/l
 RT: 2.803 min Scan# 150
 Delta R.T. 0.035 min
 Lab File: VD072475.D
 Acq: 30 Mar 2022 13:23

Tgt Ion: 94 Resp: 1234
 Ion Ratio Lower Upper
 94 100
 96 64.2 77.6 116.4#

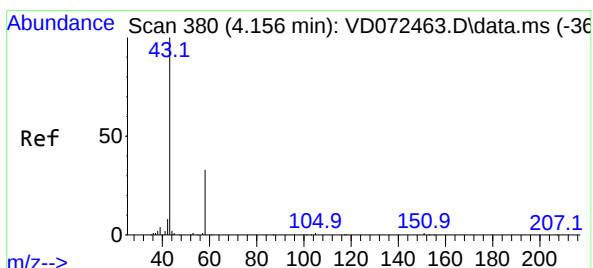
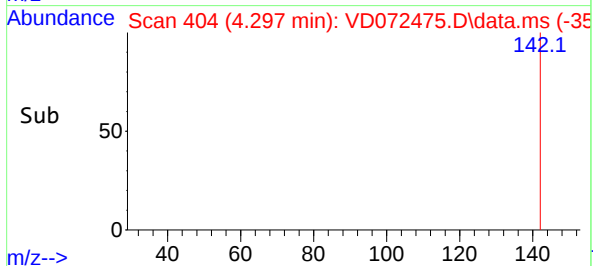
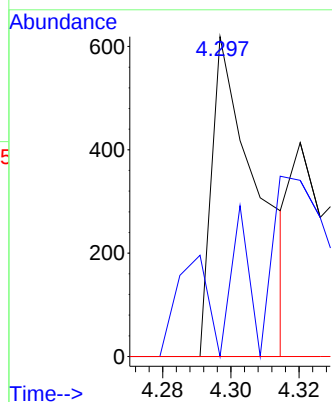
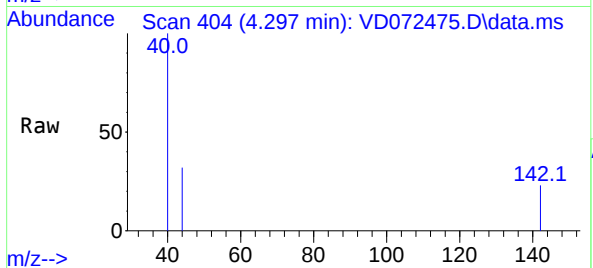




#10
Methyl Iodide
Concen: 6.405 ug/l
RT: 4.297 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

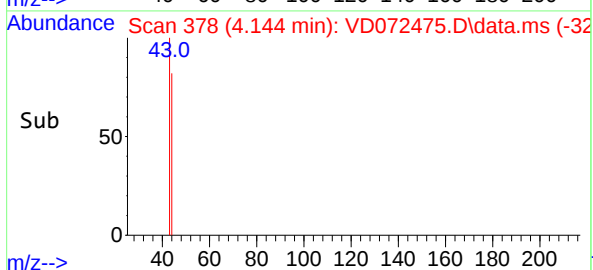
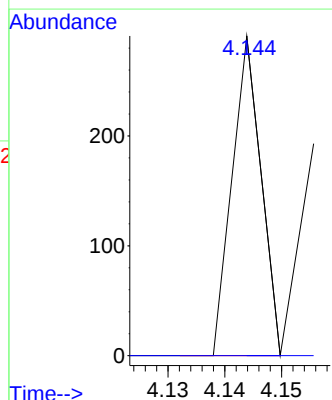
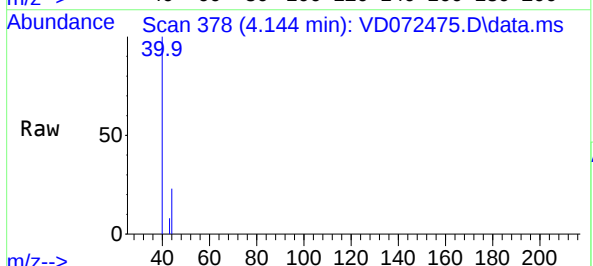
Instrument :
MSVOA_D
ClientSampleId :
RBR-200031RE

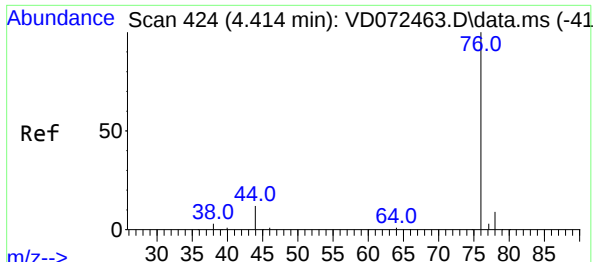
Tgt Ion:	142	Resp:	574
Ion	Ratio	Lower	Upper
142	100		
127	21.8	37.3	55.9#
141	0.0	11.7	17.5#



#16
Acetone
Concen: 2.461 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

Tgt Ion:	43	Resp:	103
Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.1	33.1#

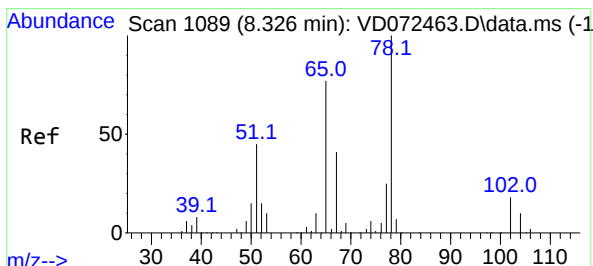
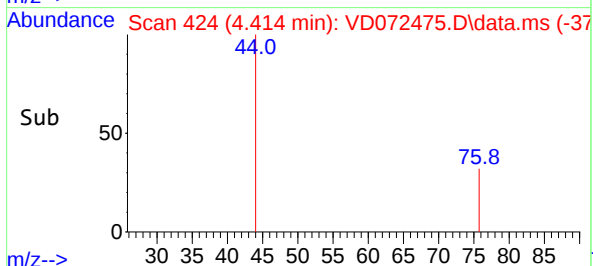
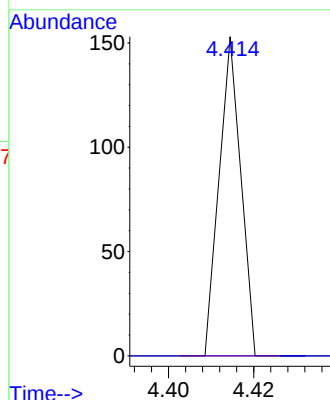
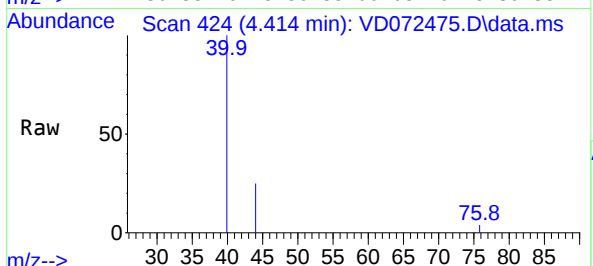




#17
Carbon Disulfide
Concen: 3.765 ug/l
RT: 4.414 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

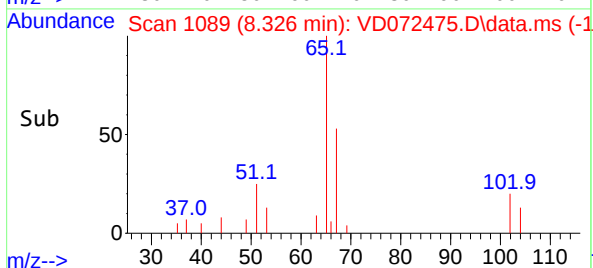
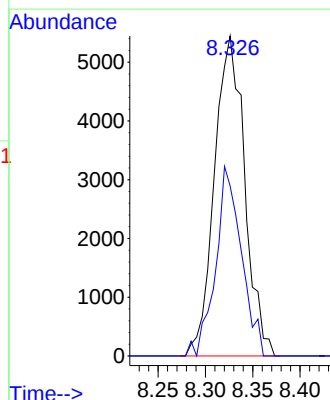
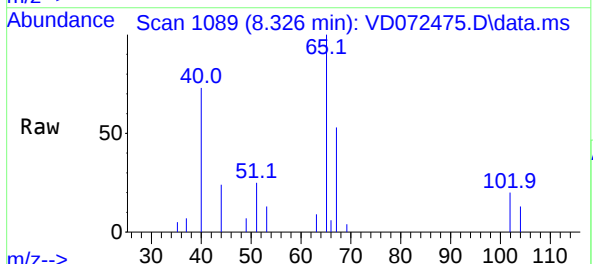
Instrument :
MSVOA_D
ClientSampleId :
RBR-200031RE

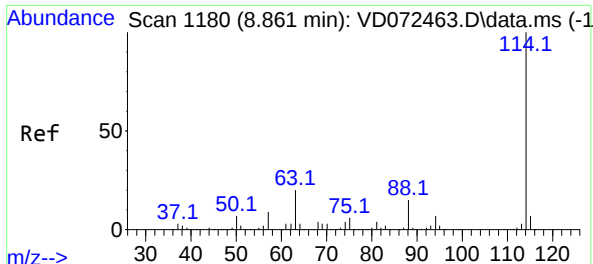
Tgt Ion: 76 Resp: 54
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#33
1,2-Dichloroethane-d4
Concen: 53.950 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

Tgt Ion: 65 Resp: 12107
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.4

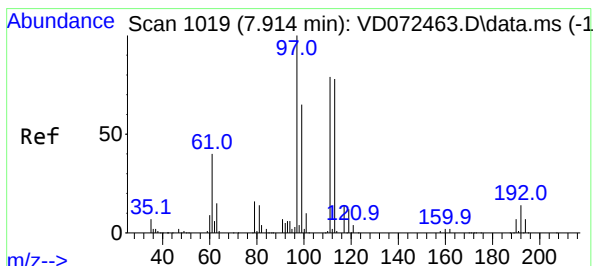
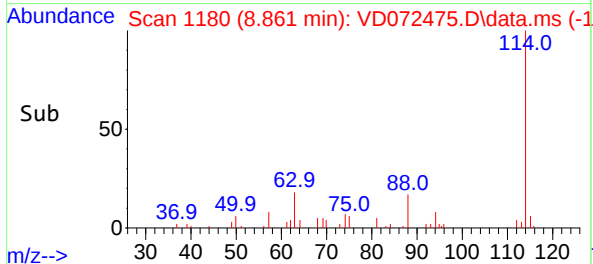
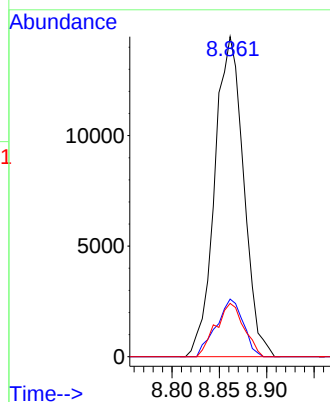
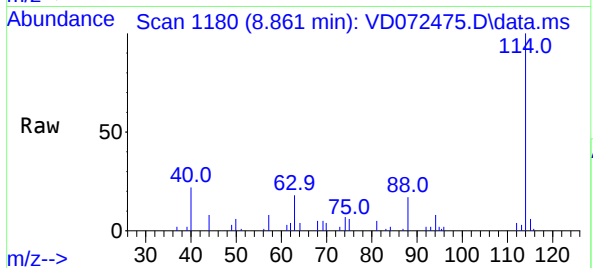




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

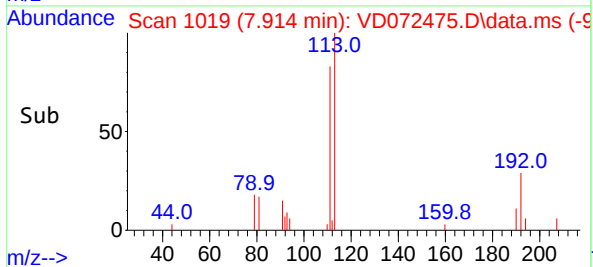
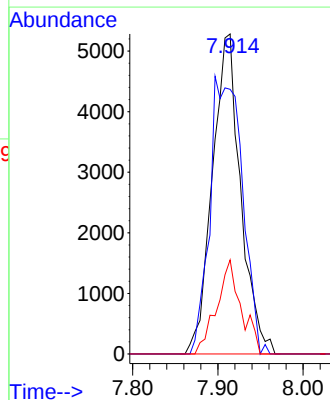
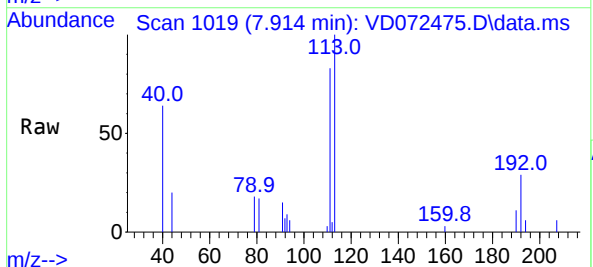
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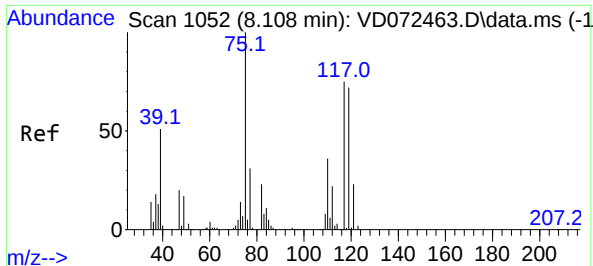
Tgt Ion:114	Resp:	30667
Ion Ratio	Lower	Upper
114	100	
63	18.0	0.0 46.6
88	16.6	0.0 33.2



#35
Dibromofluoromethane
Concen: 51.039 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

Tgt Ion:113	Resp:	12164
Ion Ratio	Lower	Upper
113	100	
111	99.4	83.8 125.6
192	25.4	14.6 21.8





#36

1,1-Dichloropropene

Concen: 6.558 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072475.D

Acq: 30 Mar 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

RBR-200031RE

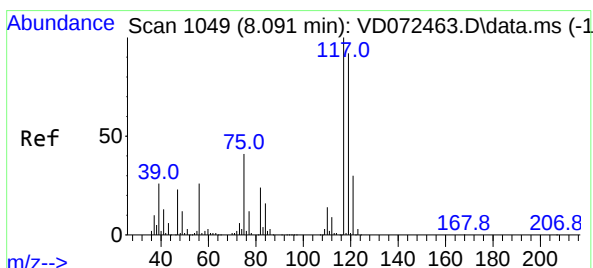
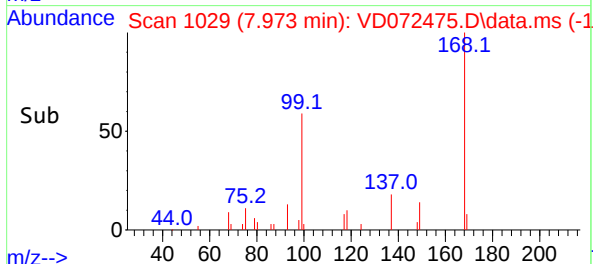
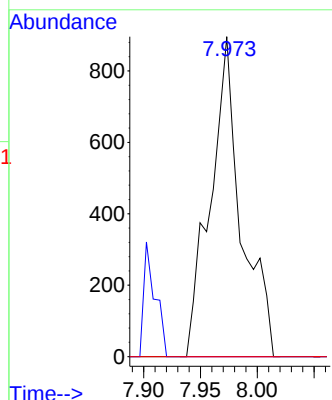
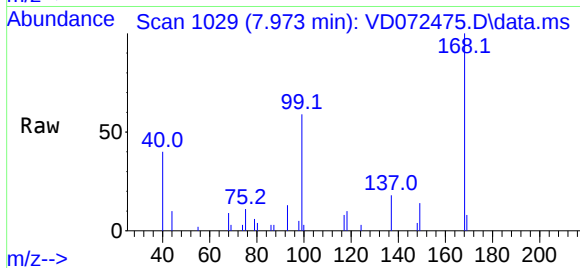
Tgt Ion: 75 Resp: 1693

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 6.177 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.112 min

Lab File: VD072475.D

Acq: 30 Mar 2022 13:23

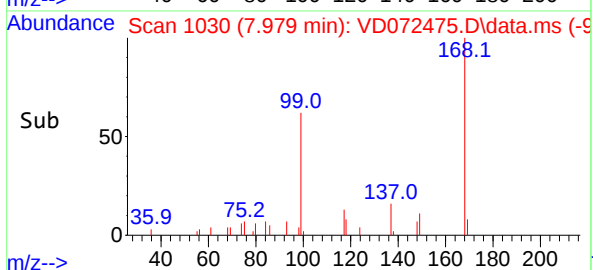
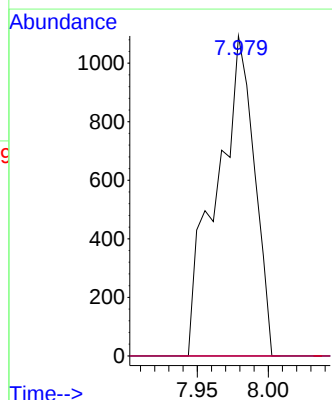
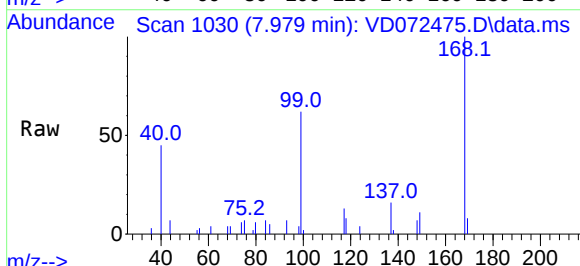
Tgt Ion: 117 Resp: 2028

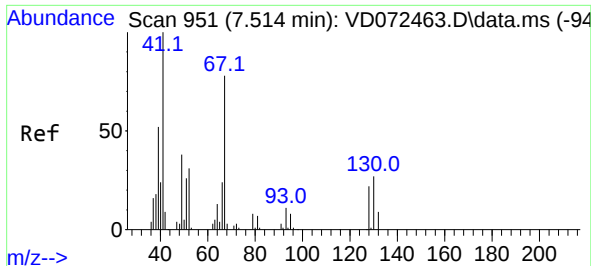
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.5 36.7#

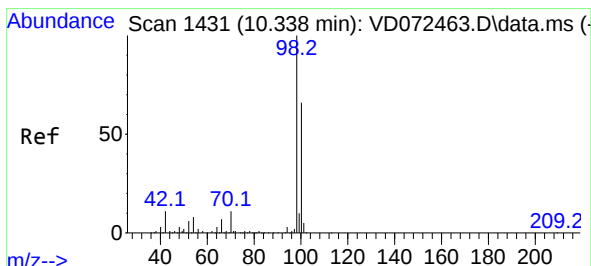
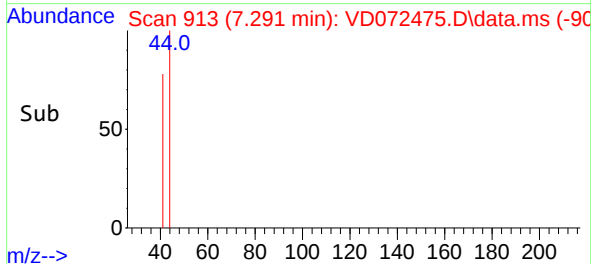
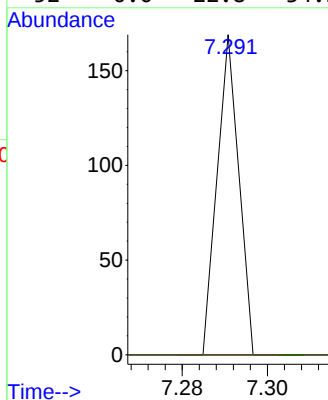
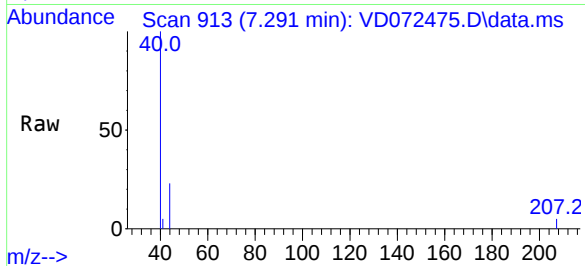




#41
Methacrylonitrile
Concen: 2.444 ug/l
RT: 7.291 min Scan# 91
Delta R.T. -0.223 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

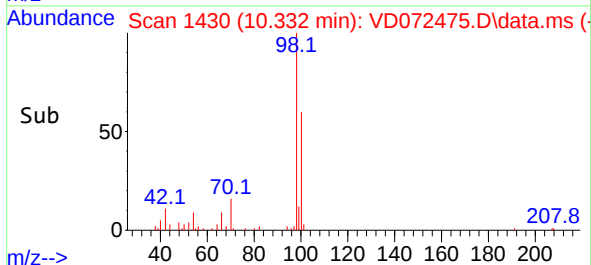
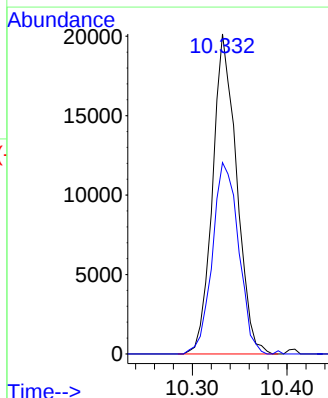
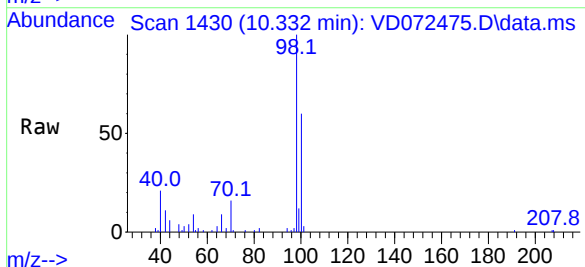
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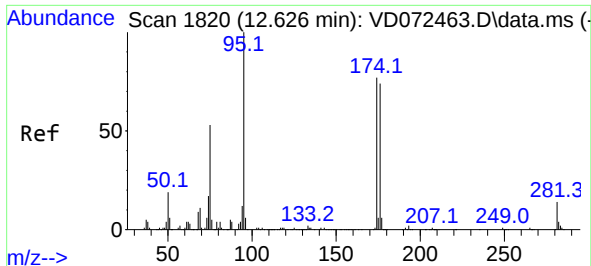
Tgt Ion:	41	Resp:	60
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	67.0#
67	0.0	48.2	72.4#
52	0.0	22.8	34.2#



#50
Toluene-d8
Concen: 42.912 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

Tgt Ion:	98	Resp:	35550
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6

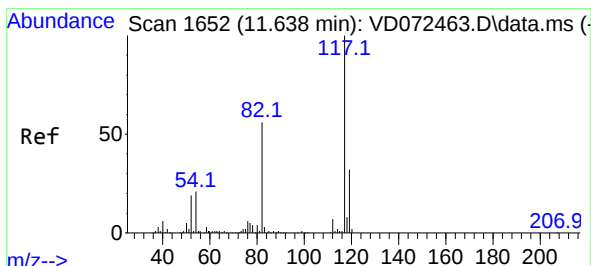
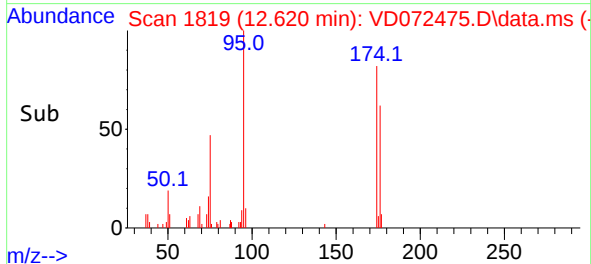
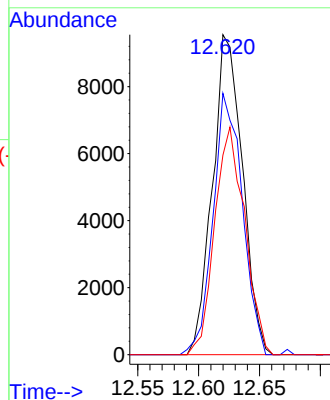
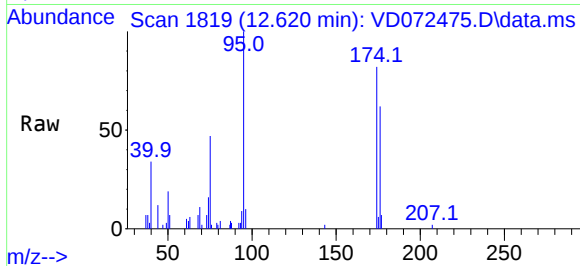




#62
4-Bromofluorobenzene
Concen: 50.655 ug/l
RT: 12.620 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

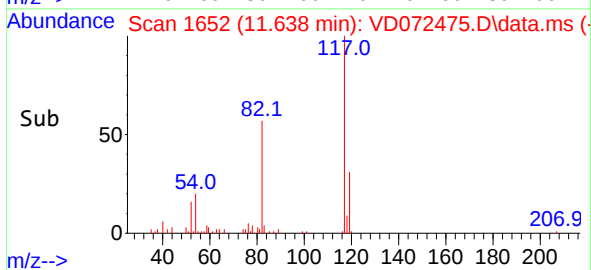
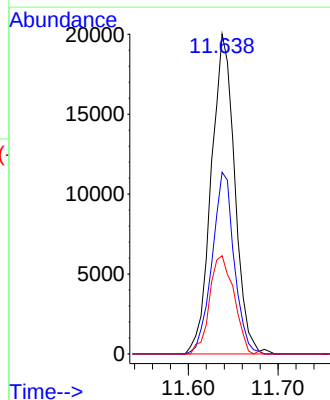
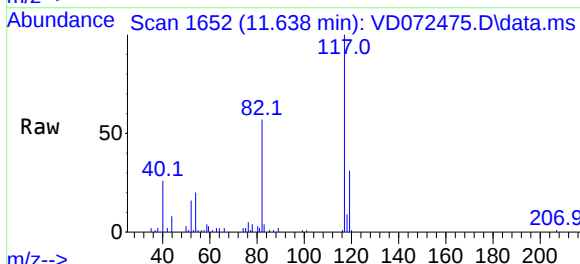
Instrument :
MSVOA_D
ClientSampleId :
RBR-200031RE

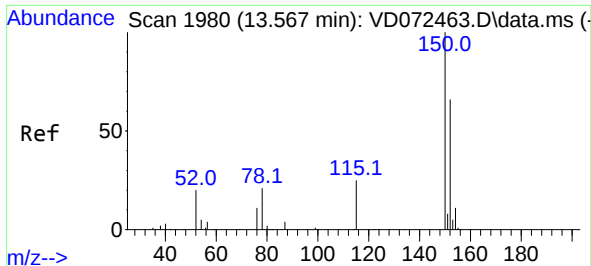
Tgt Ion: 95 Resp: 16389
Ion Ratio Lower Upper
95 100
174 79.5 0.0 152.8
176 71.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

Tgt Ion: 117 Resp: 36261
Ion Ratio Lower Upper
117 100
82 56.8 45.3 67.9
119 30.7 26.6 40.0

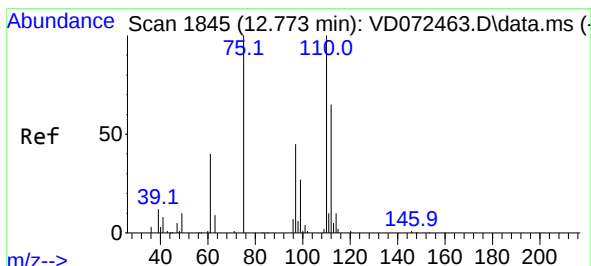
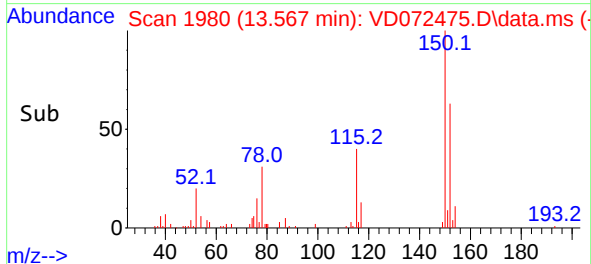
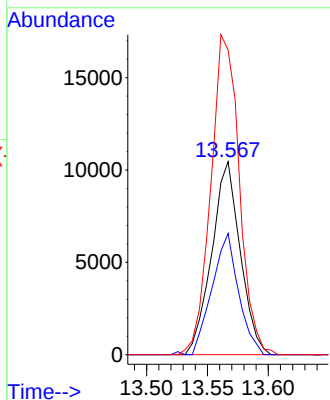
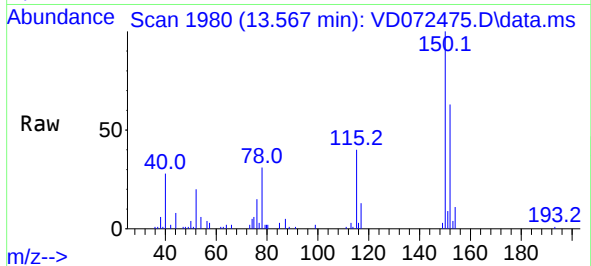




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD072475.D
 Acq: 30 Mar 2022 13:23

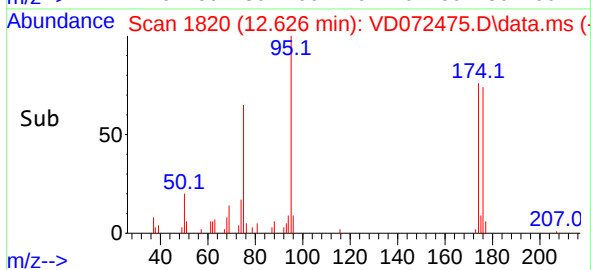
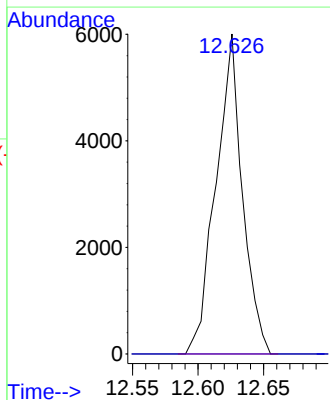
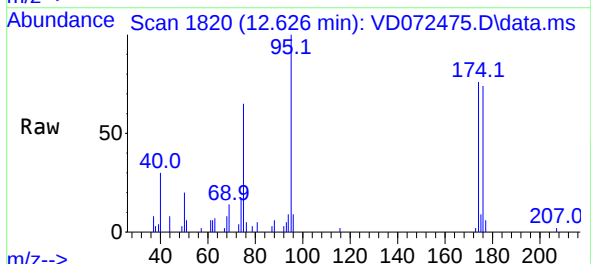
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200031RE

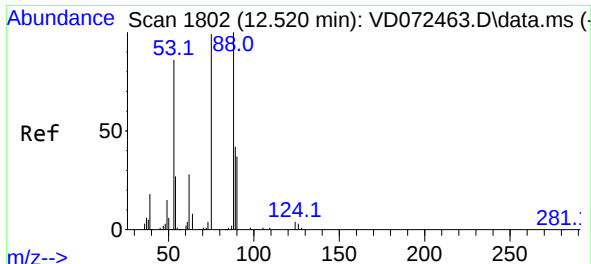
Tgt Ion:152 Resp: 17055
 Ion Ratio Lower Upper
 152 100
 115 58.8 31.3 93.8
 150 165.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 45.384 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD072475.D
 Acq: 30 Mar 2022 13:23

Tgt Ion: 75 Resp: 8442
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

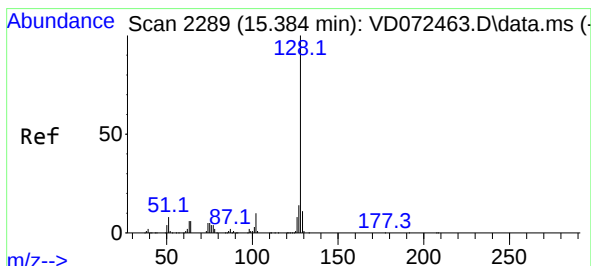
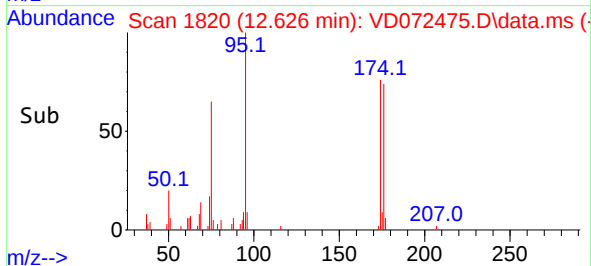
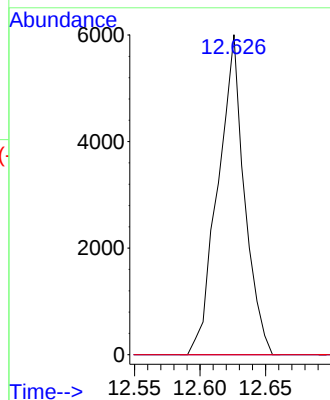
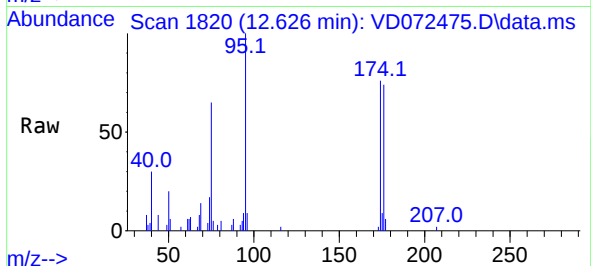




#81
trans-1,4-Dichloro-2-butene
Concen: 111.364 ug/l
RT: 12.626 min Scan# 1802
Delta R.T. 0.106 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

Instrument :
MSVOA_D
ClientSampleId :
RBR-200031RE

Tgt Ion: 75 Resp: 8442
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.517 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.012 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

Tgt Ion: 128 Resp: 1031
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 6.1 8.4 12.6#

