

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072414.D
 Acq On : 24 Mar 2022 18:15
 Operator : VA/SY
 Sample : N2094-06
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-(Q4)RE

Quant Time: Mar 25 02:57:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

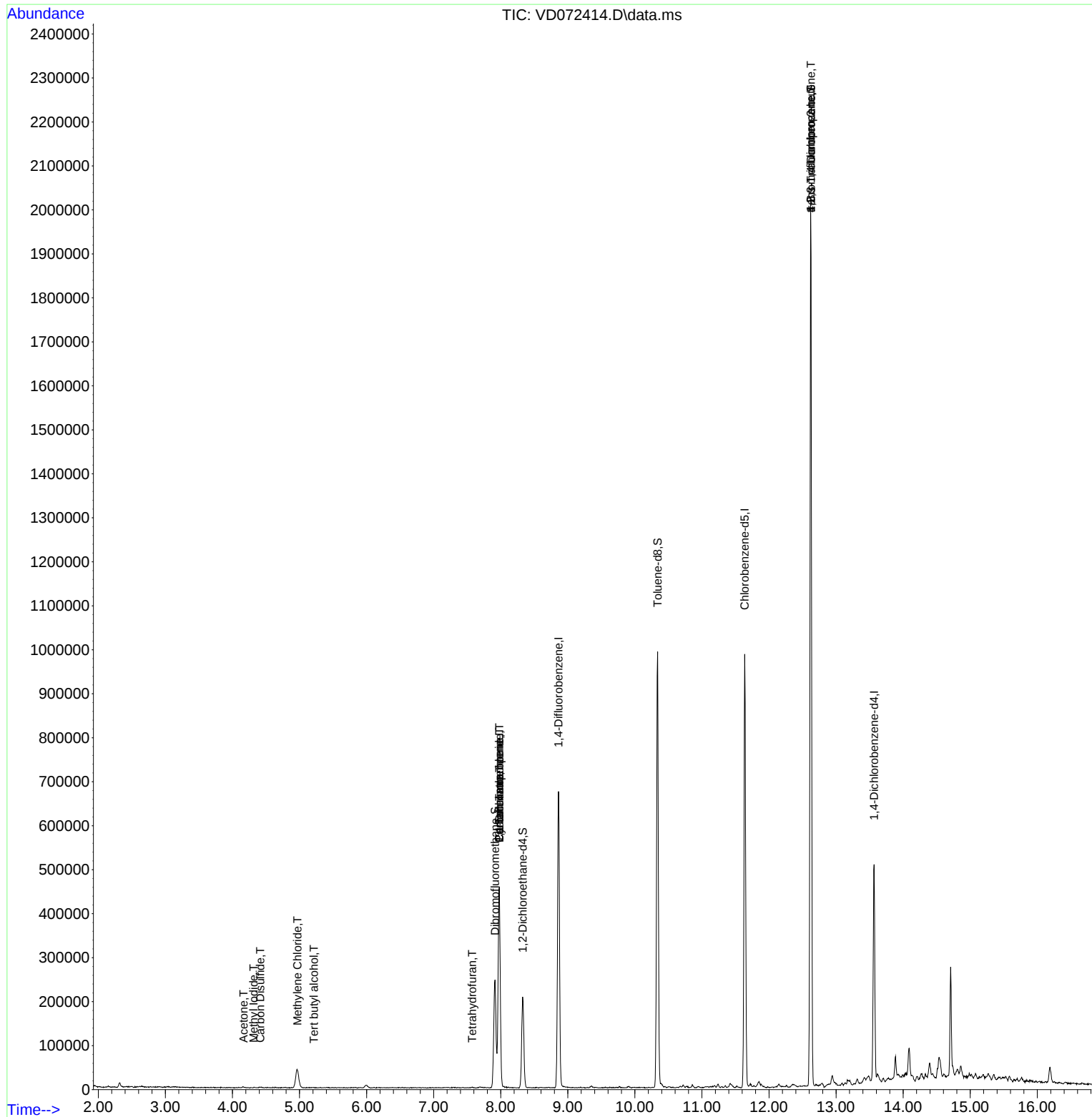
Internal Standards						
1) Pentafluorobenzene	7.979	168	328032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	563842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	547793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	131129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165754	45.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.680%
35) Dibromofluoromethane	7.914	113	177421	44.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.440%
50) Toluene-d8	10.338	98	663151	45.708	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.420%
62) 4-Bromofluorobenzene	12.626	95	239287	42.447	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.900%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.315	142	412	2.344	ug/l #	38
11) Tert butyl alcohol	5.215	59	230	1.085	ug/l #	74
16) Acetone	4.168	43	2887	3.637	ug/l #	77
17) Carbon Disulfide	4.415	76	1742	1.741	ug/l #	74
20) Methylene Chloride	4.968	84	32592	2.147	ug/l	87
29) Tetrahydrofuran	7.573	42	742	1.192	ug/l #	47
31) Cyclohexane	7.979	56	8143	1.426	ug/l #	11
36) 1,1-Dichloropropene	7.979	75	27611	4.960	ug/l #	51
38) Carbon Tetrachloride	7.979	117	34850	5.508	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	134177	92.762	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	134177	230.151	ug/l #	9

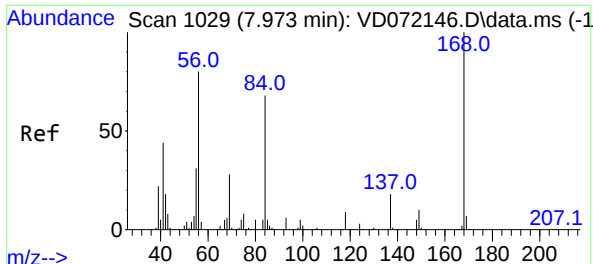
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
Data File : VD072414.D
Acq On : 24 Mar 2022 18:15
Operator : VA/SY
Sample : N2094-06
Misc : 6.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)RE

Quant Time: Mar 25 02:57:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

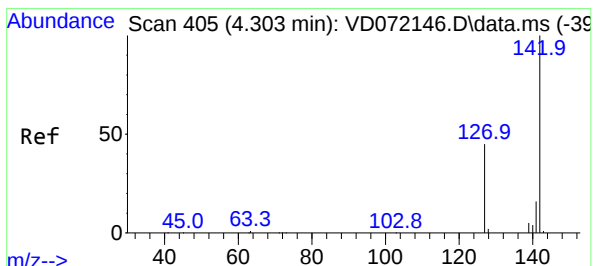
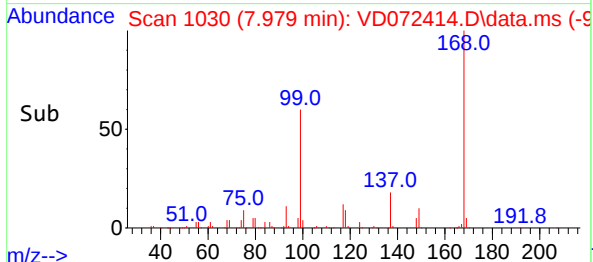
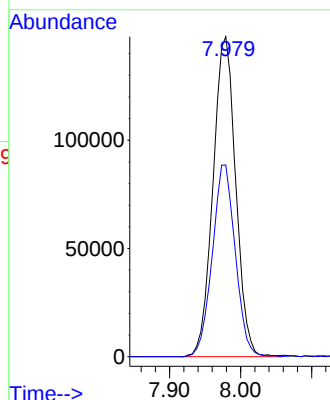
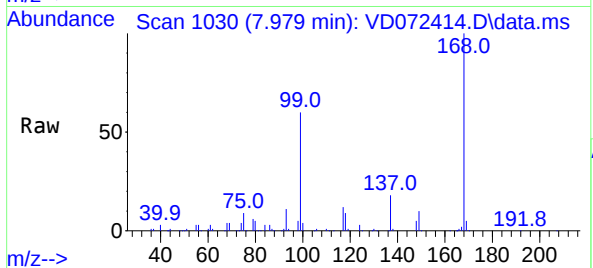




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

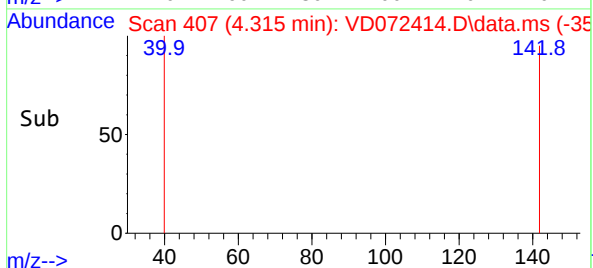
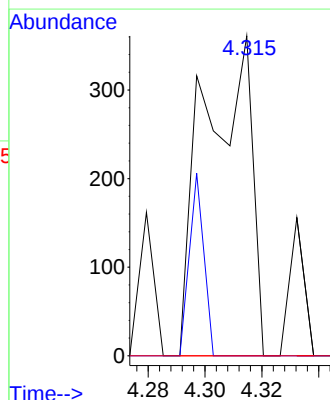
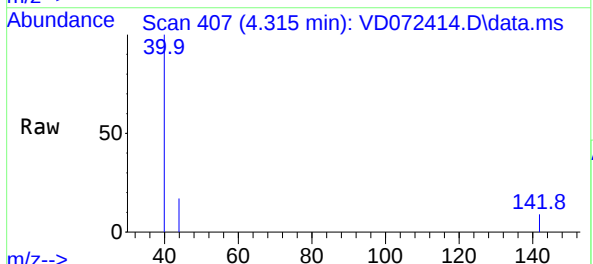
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)RE

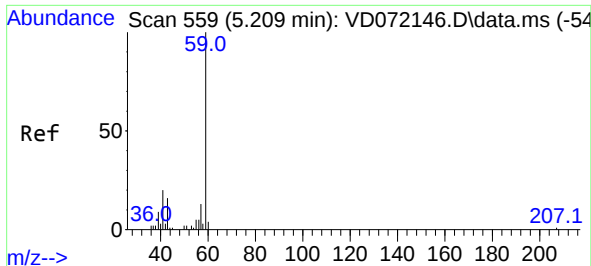
Tgt Ion:168 Resp: 328032
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6



#10
Methyl Iodide
Concen: 2.344 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

Tgt Ion:142 Resp: 412
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

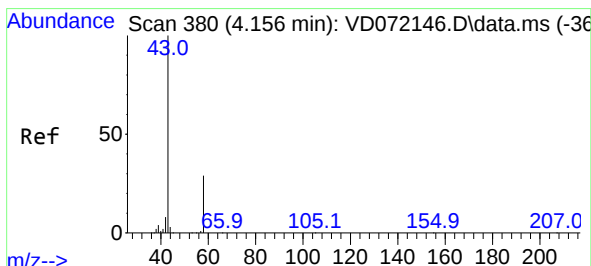
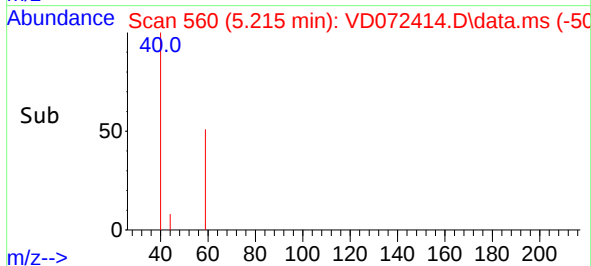
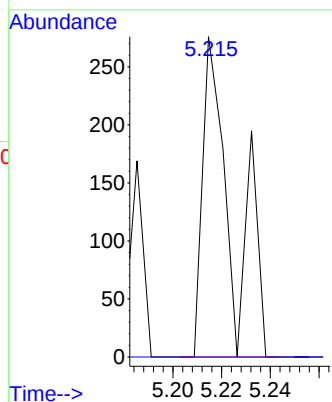
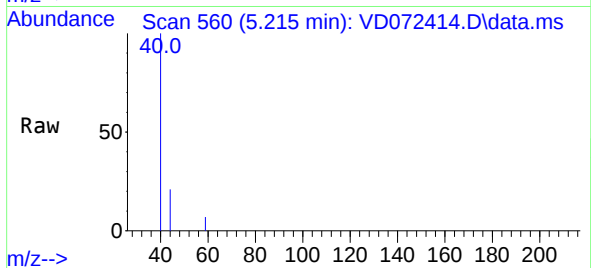




#11
Tert butyl alcohol
Concen: 1.085 ug/l
RT: 5.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

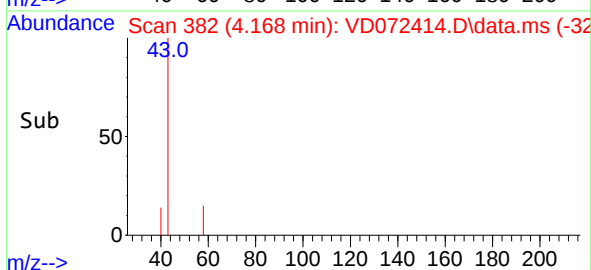
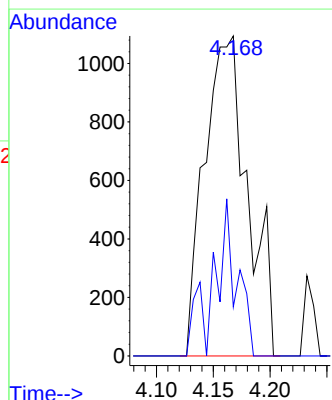
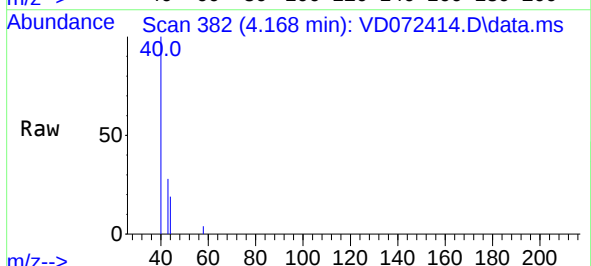
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)RE

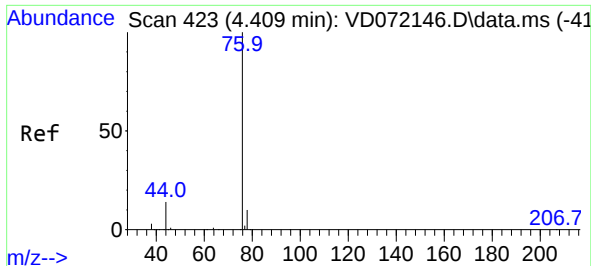
Tgt Ion: 59 Resp: 230
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.637 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

Tgt Ion: 43 Resp: 2887
Ion Ratio Lower Upper
43 100
58 15.4 22.1 33.1#

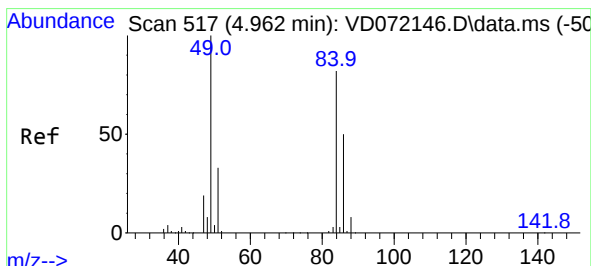
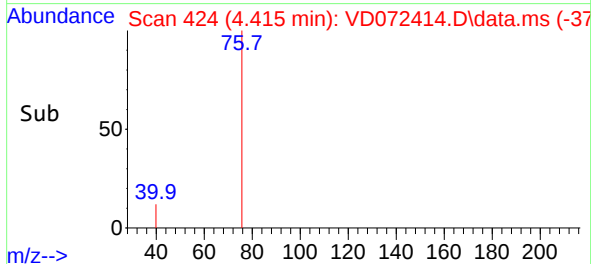
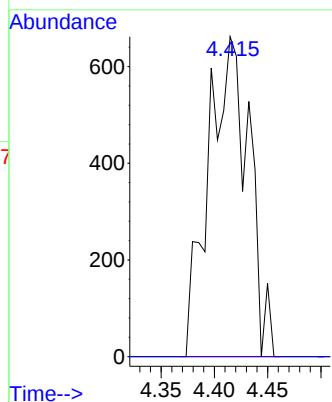
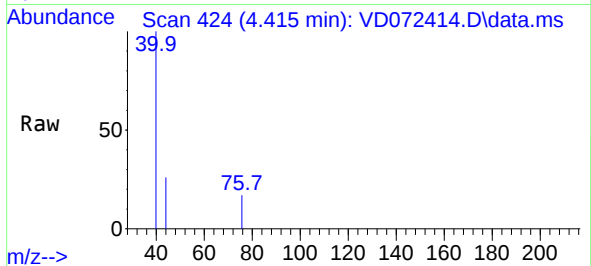




#17
Carbon Disulfide
Concen: 1.741 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

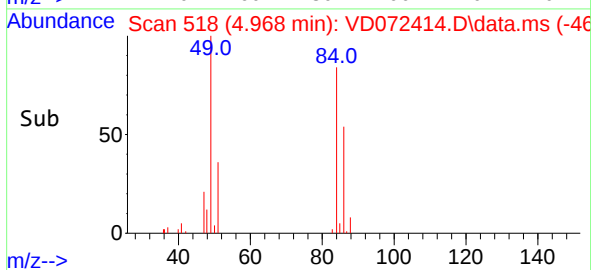
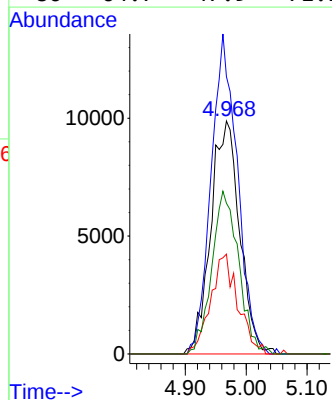
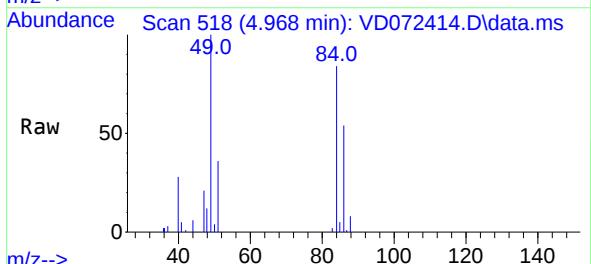
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)RE

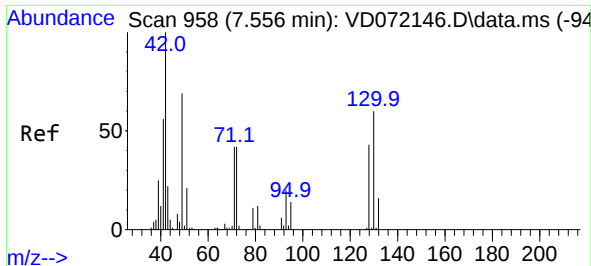
Tgt Ion: 76 Resp: 1742
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 2.147 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

Tgt Ion: 84 Resp: 32592
Ion Ratio Lower Upper
84 100
49 119.1 112.8 169.2
51 42.8 32.6 48.8
86 64.7 47.9 71.9

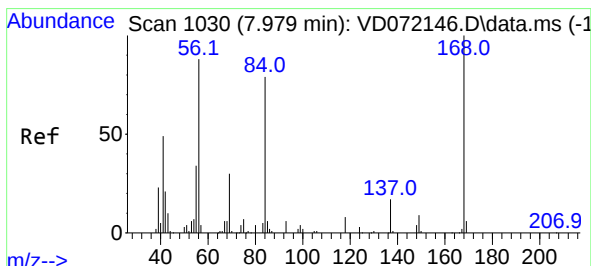
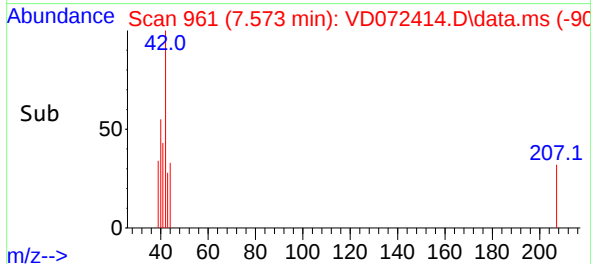
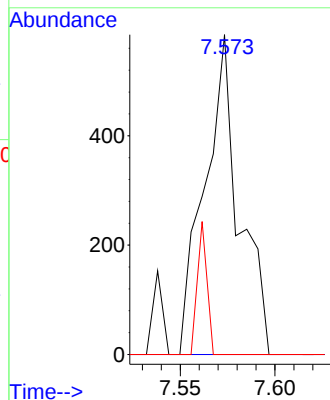
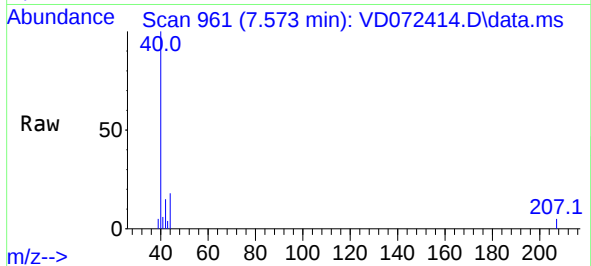




#29
Tetrahydrofuran
Concen: 1.192 ug/l
RT: 7.573 min Scan# 90
Delta R.T. 0.018 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

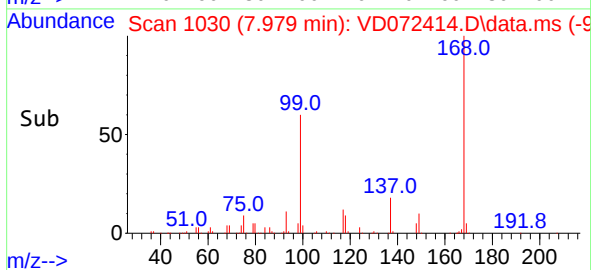
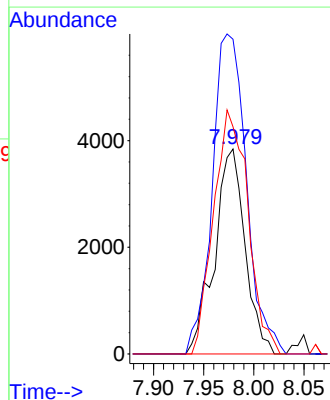
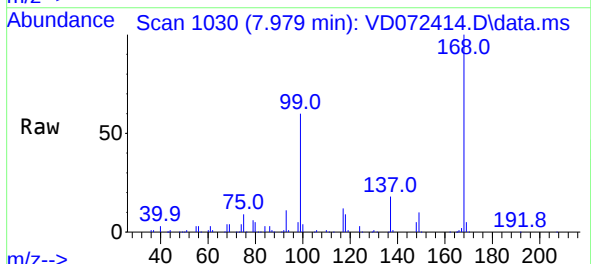
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)RE

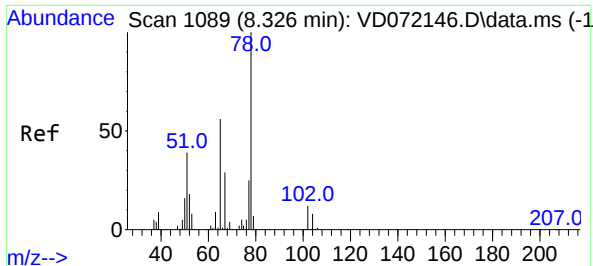
Tgt Ion:	42	Resp:	742
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.7	46.1#
71	11.6	28.6	43.0#



#31
Cyclohexane
Concen: 1.426 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

Tgt Ion:	56	Resp:	8143
Ion	Ratio	Lower	Upper
56	100		
69	153.6	25.4	38.2#
84	110.9	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 45.341 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072414.D

Acq: 24 Mar 2022 18:15

Instrument :

MSVOA_D

ClientSampleId :

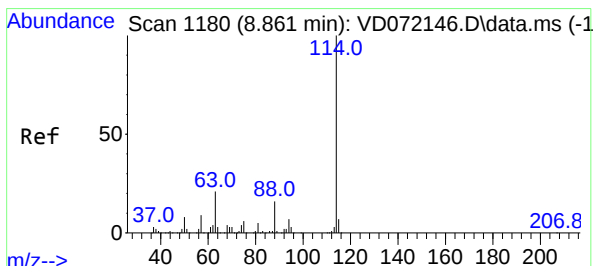
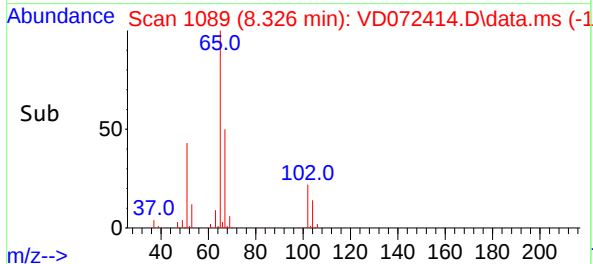
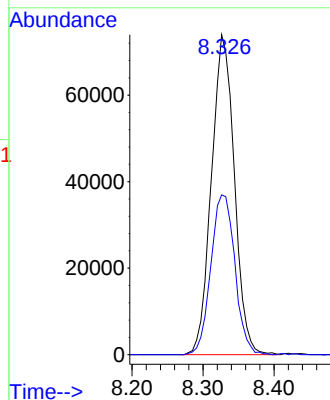
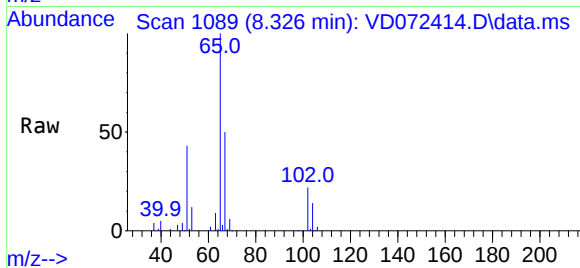
WC-2-(Q4)RE

Tgt Ion: 65 Resp: 165754

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: VD072414.D

Acq: 24 Mar 2022 18:15

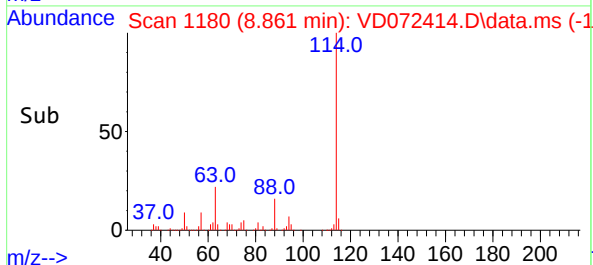
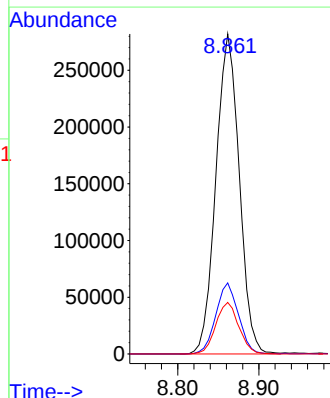
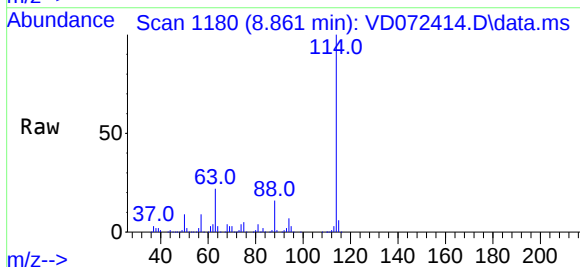
Tgt Ion: 114 Resp: 563842

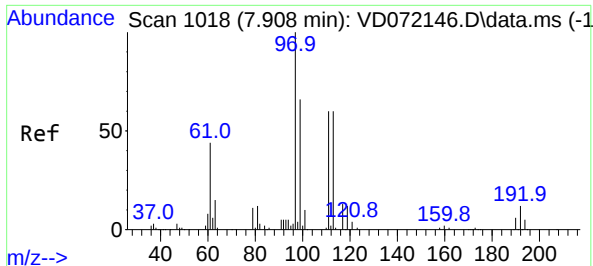
Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.6

88 16.1 0.0 33.2

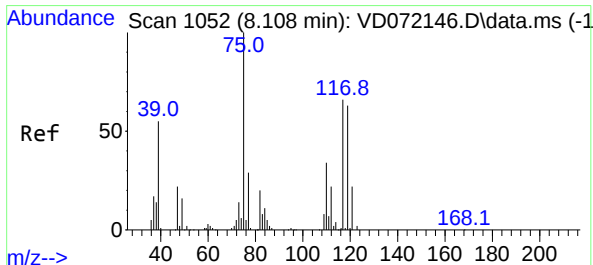
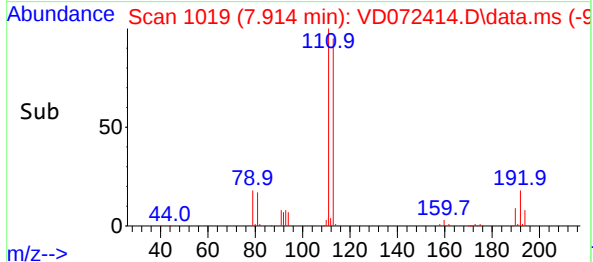
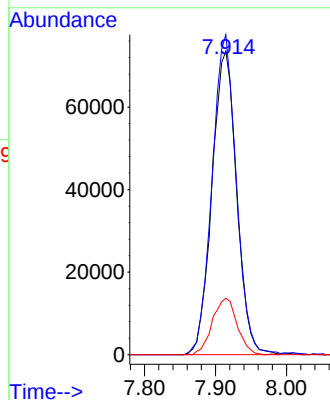
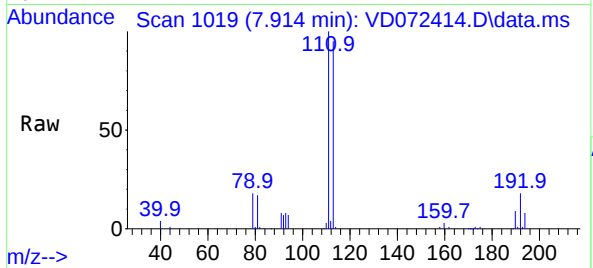




#35
Dibromofluoromethane
Concen: 44.715 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

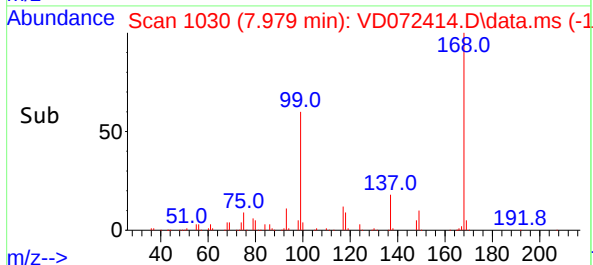
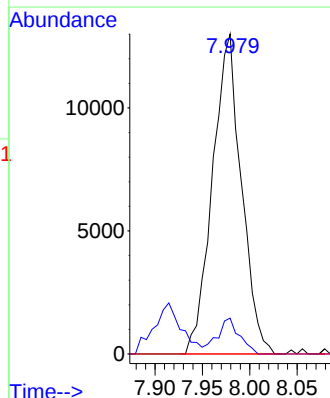
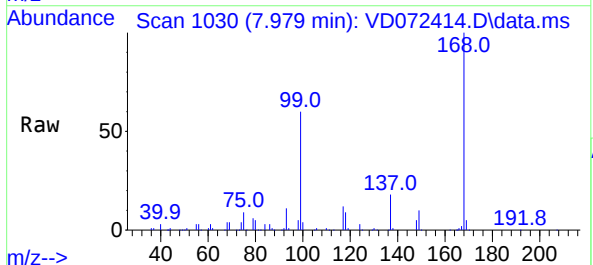
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)RE

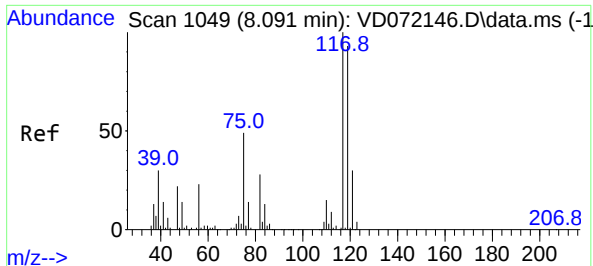
Tgt Ion:113 Resp: 177421
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 18.6 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.960 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

Tgt Ion: 75 Resp: 27611
Ion Ratio Lower Upper
75 100
110 8.6 16.4 49.1#
77 0.0 24.2 36.2#

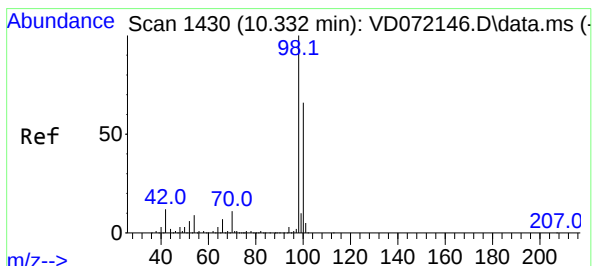
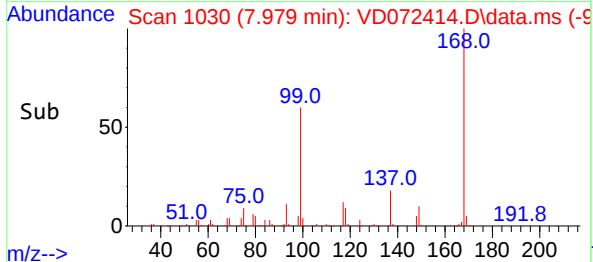
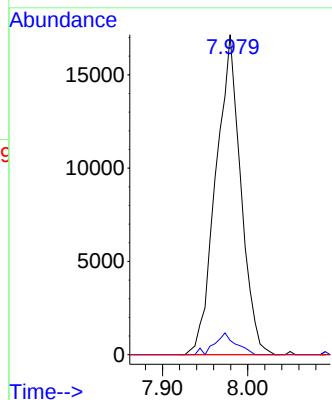
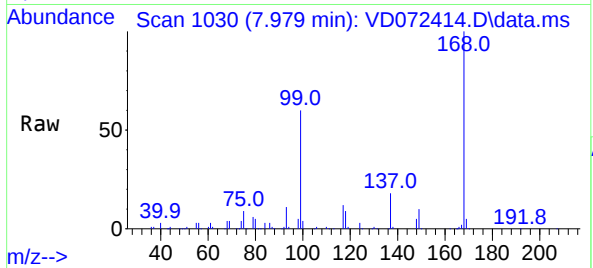




#38
Carbon Tetrachloride
Concen: 5.508 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

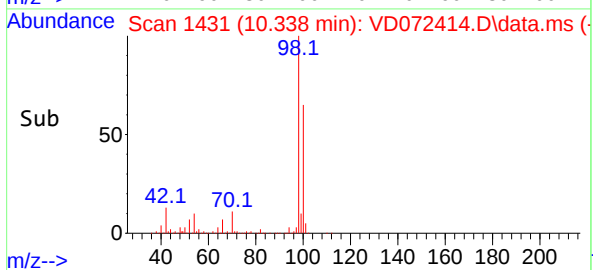
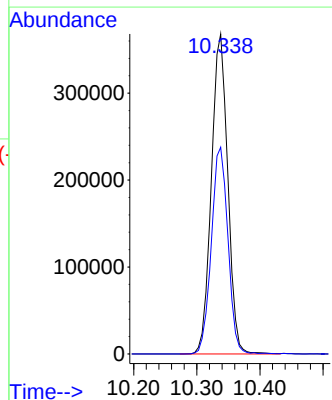
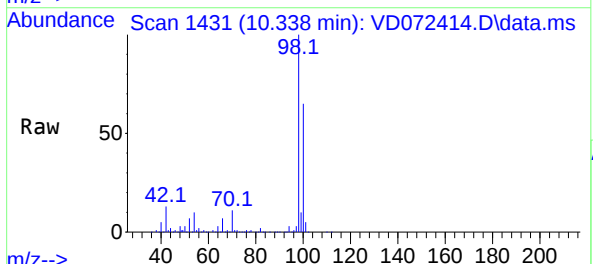
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)RE

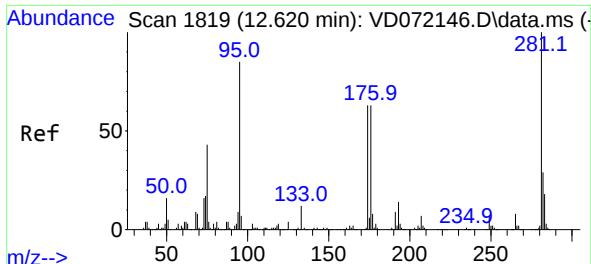
Tgt Ion:117 Resp: 34850
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 45.708 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

Tgt Ion: 98 Resp: 663151
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

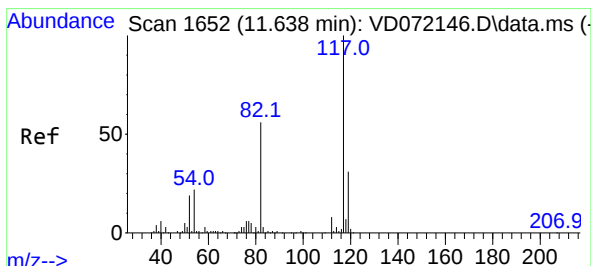
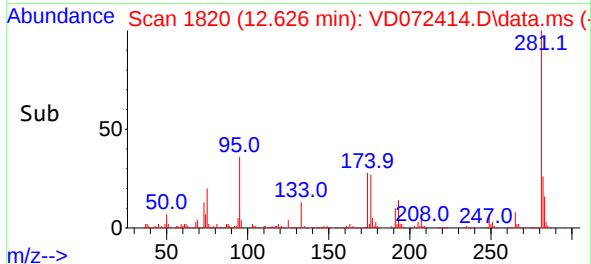
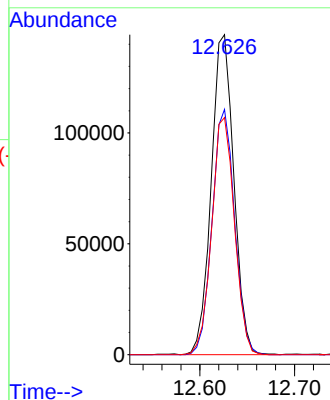
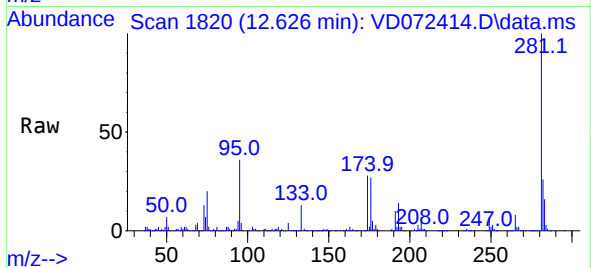




#62
4-Bromofluorobenzene
Concen: 42.447 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

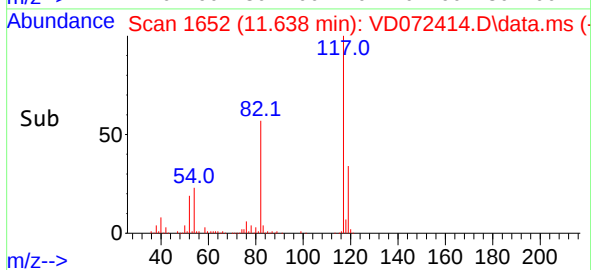
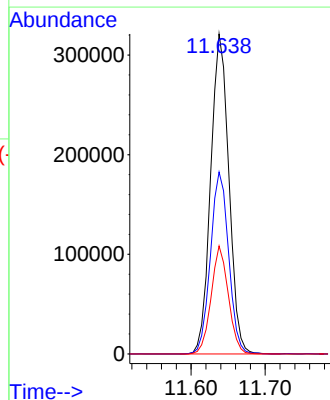
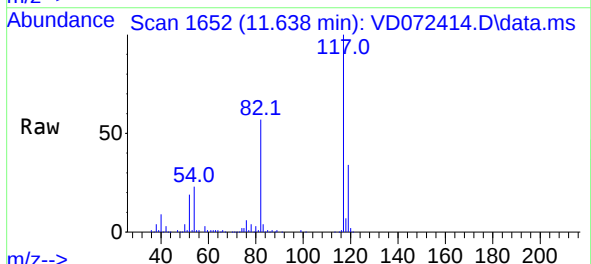
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)RE

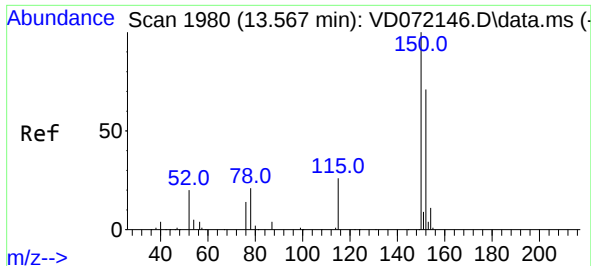
Tgt Ion: 95 Resp: 239287
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 74.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

Tgt Ion: 117 Resp: 547793
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 33.8 26.6 40.0

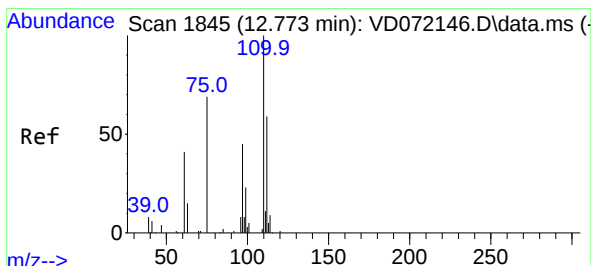
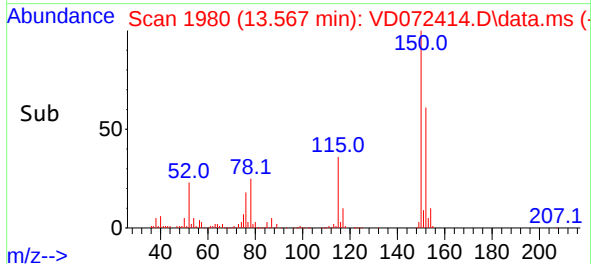
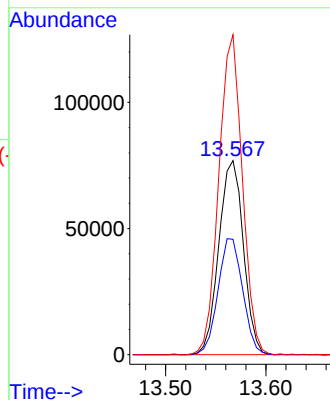
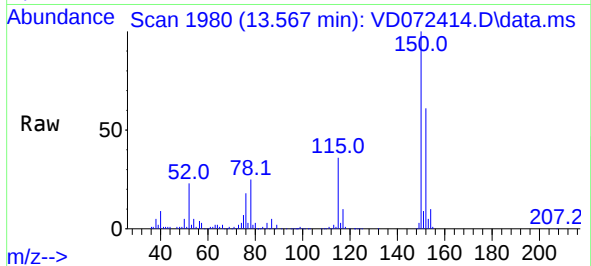




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

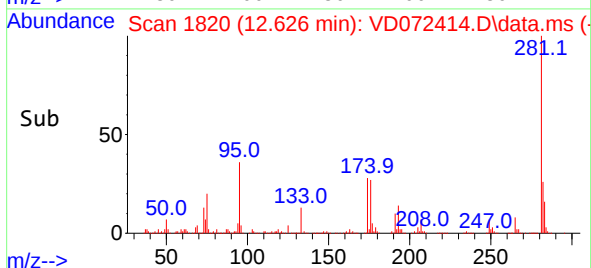
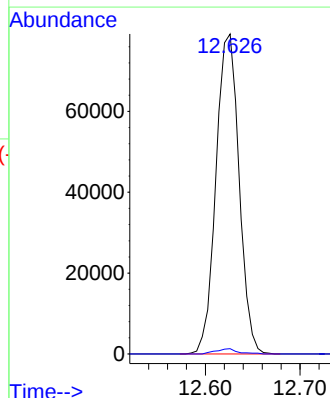
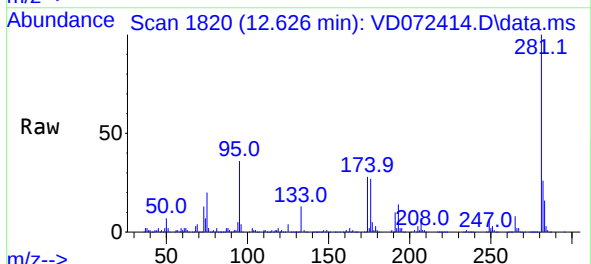
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)RE

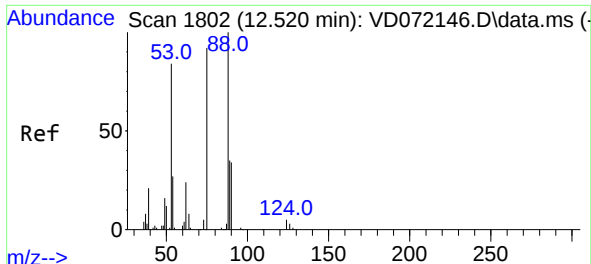
Tgt Ion:152 Resp: 131129
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 157.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 92.762 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

Tgt Ion: 75 Resp: 134177
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 230.151 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072414.D
 Acq: 24 Mar 2022 18:15

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-(Q4)RE

Tgt Ion: 75 Resp: 134177
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.5 129.7#
 89 3.4 33.9 50.9#

