

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072407.D
 Acq On : 24 Mar 2022 14:57
 Operator : VA/SY
 Sample : N2094-05
 Misc : 6.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-(Q3)

Quant Time: Mar 25 02:55:21 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)

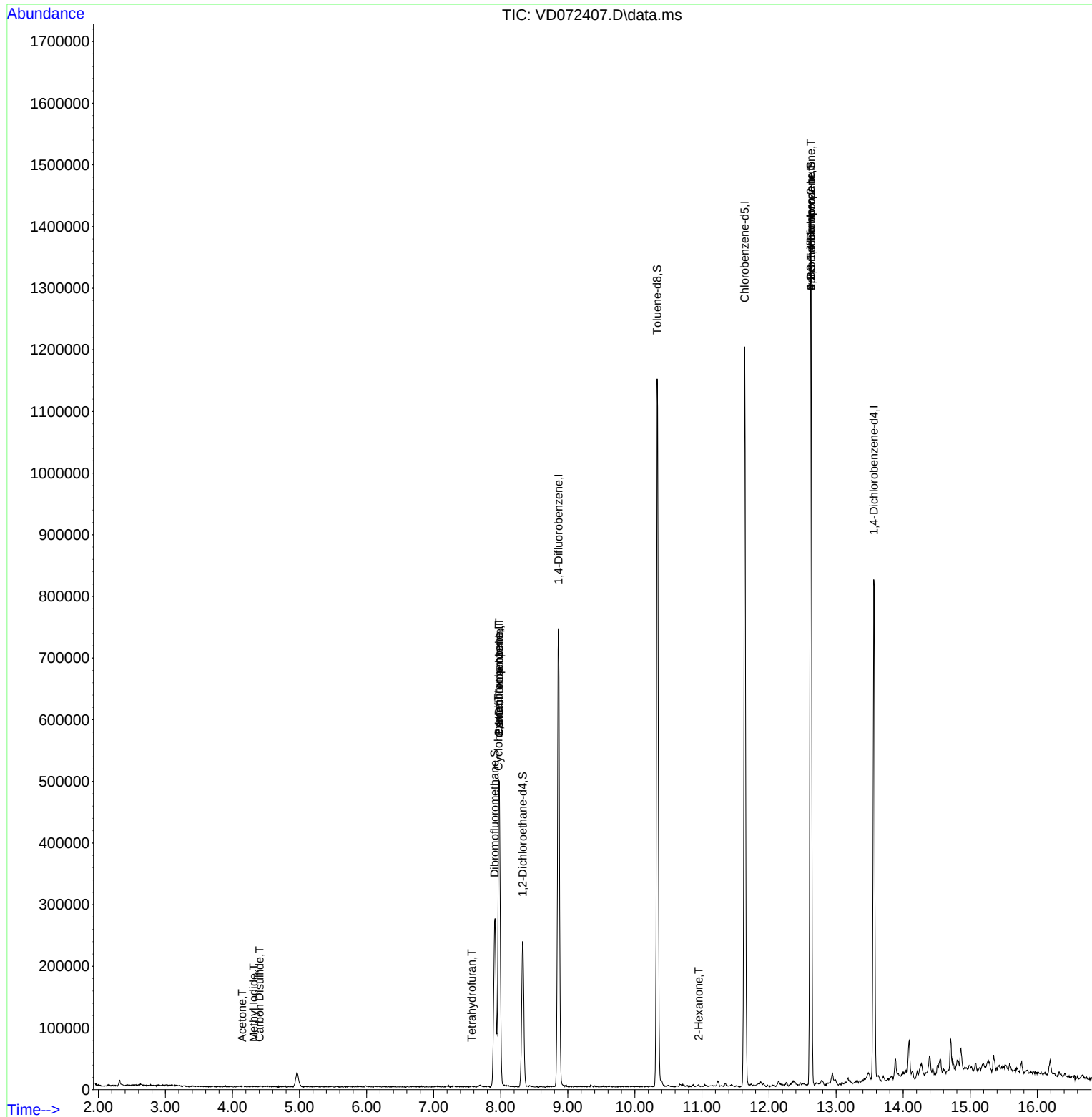
Internal Standards						
1) Pentafluorobenzene	7.973	168	373132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	638907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	658936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	215566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	192874	46.382	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.760%		
35) Dibromofluoromethane	7.909	113	199514	44.376	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.760%		
50) Toluene-d8	10.332	98	767989	46.715	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.440%		
62) 4-Bromofluorobenzene	12.626	95	308498	48.295	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.600%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.315	142	610	2.379	ug/l #	74
16) Acetone	4.144	43	958	1.061	ug/l	98
17) Carbon Disulfide	4.403	76	2112	1.757	ug/l #	74
20) Methylene Chloride	4.968	84	17837	Below Cal	#	72
29) Tetrahydrofuran	7.567	42	725	1.024	ug/l #	56
31) Cyclohexane	7.967	56	9337	1.437	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	31798	5.041	ug/l #	51
38) Carbon Tetrachloride	7.979	117	37344	5.209	ug/l #	18
59) 2-Hexanone	10.950	43	2228	1.145	ug/l #	27
76) 1,2,3-Trichloropropane	12.626	75	164925	69.358	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	164925	172.084	ug/l #	8

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

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Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

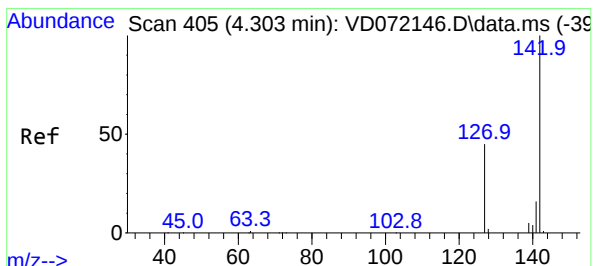
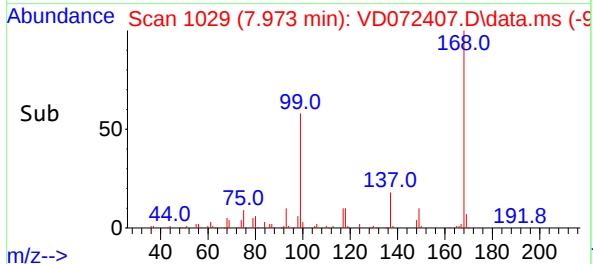
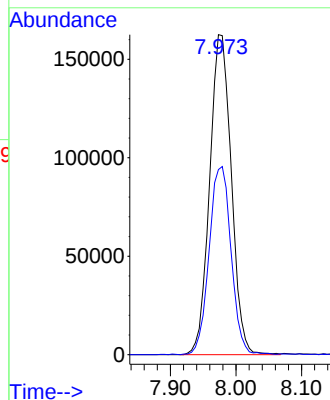
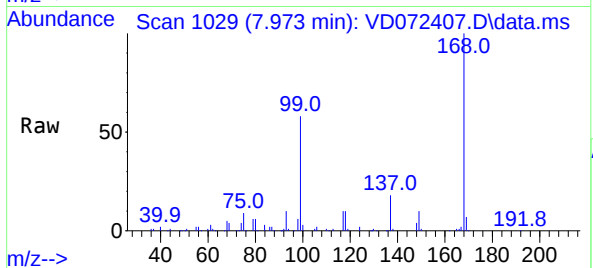




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

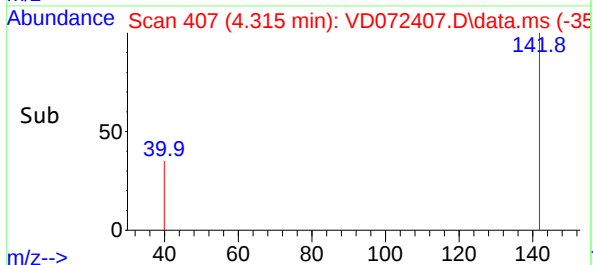
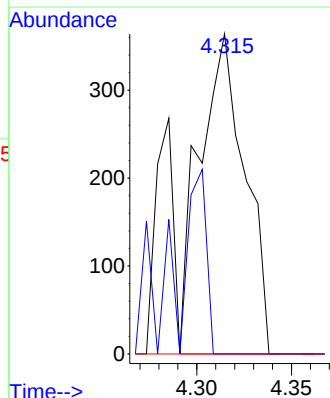
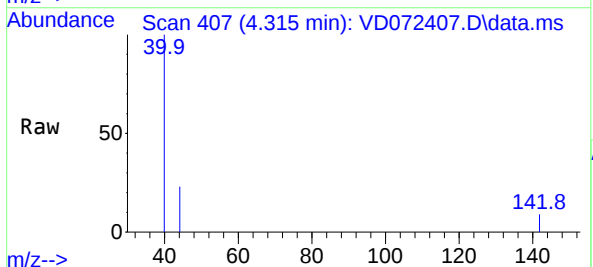
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q3)

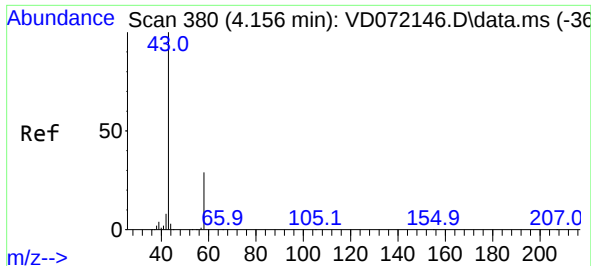
Tgt Ion:168 Resp: 373132
Ion Ratio Lower Upper
168 100
99 57.8 49.8 74.6



#10
Methyl Iodide
Concen: 2.379 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

Tgt Ion:142 Resp: 610
Ion Ratio Lower Upper
142 100
127 31.5 37.3 55.9#
141 0.0 11.7 17.5#

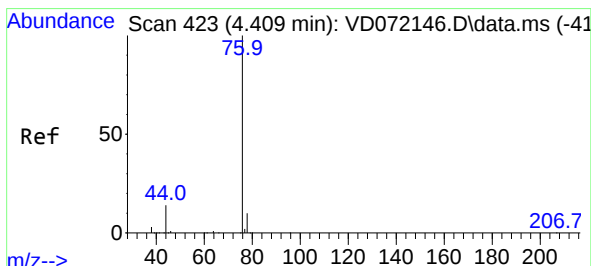
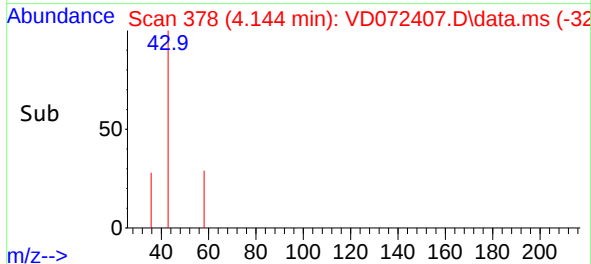
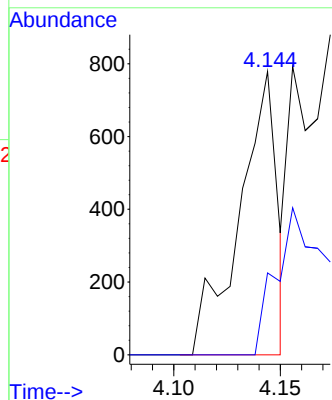
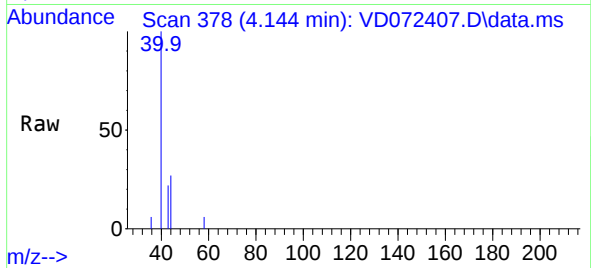




#16
Acetone
Concen: 1.061 ug/l
RT: 4.144 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

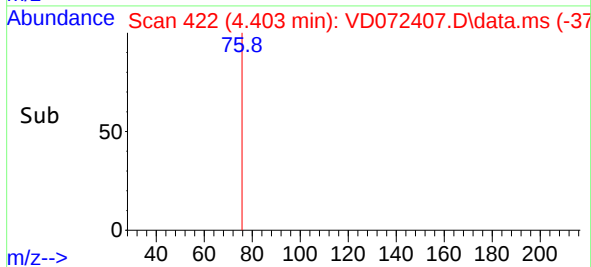
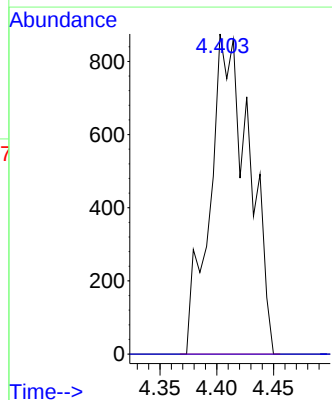
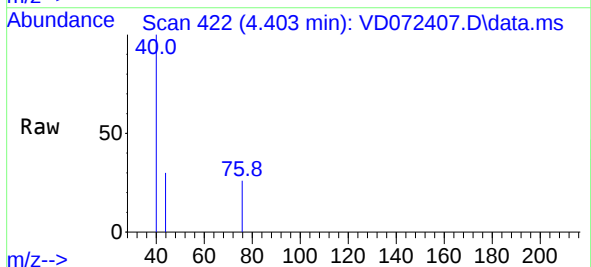
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q3)

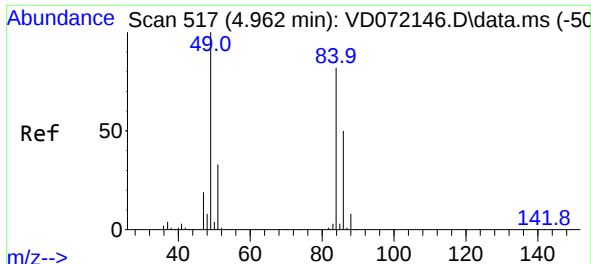
Tgt Ion: 43 Resp: 958
Ion Ratio Lower Upper
43 100
58 28.9 22.1 33.1



#17
Carbon Disulfide
Concen: 1.757 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

Tgt Ion: 76 Resp: 2112
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



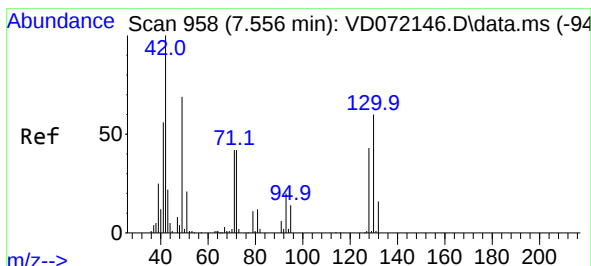
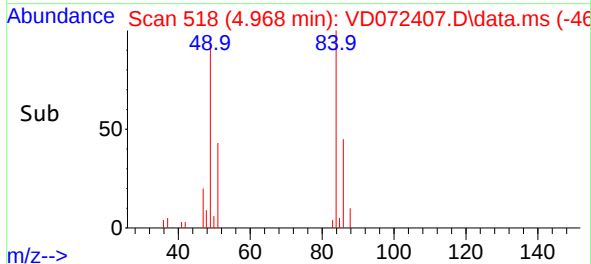
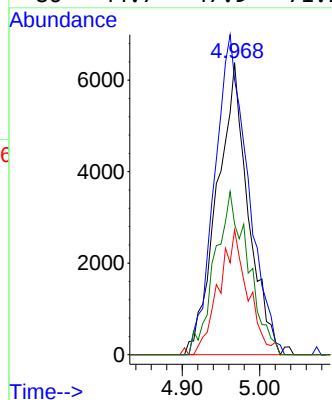
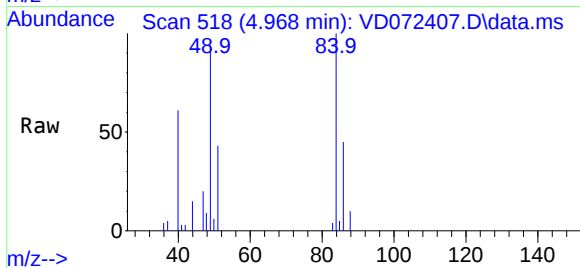


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q3)

Tgt Ion: 84 Resp: 17837

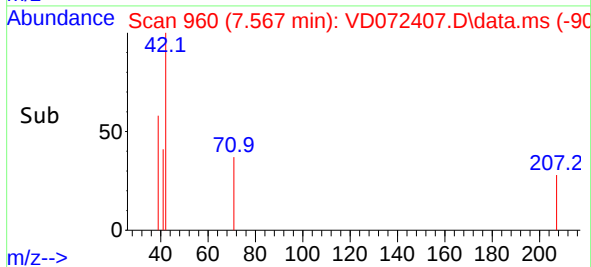
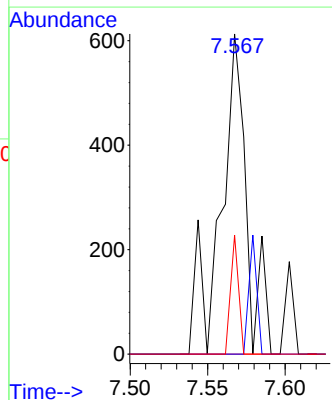
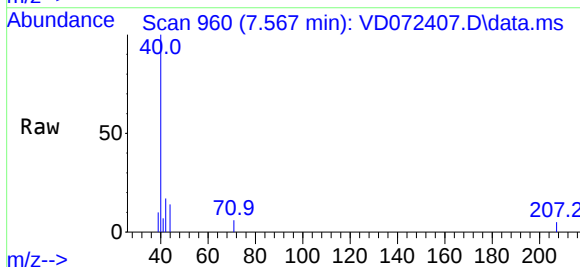
Ion	Ratio	Lower	Upper
84	100		
49	94.1	112.8	169.2#
51	42.7	32.6	48.8
86	44.7	47.9	71.9#

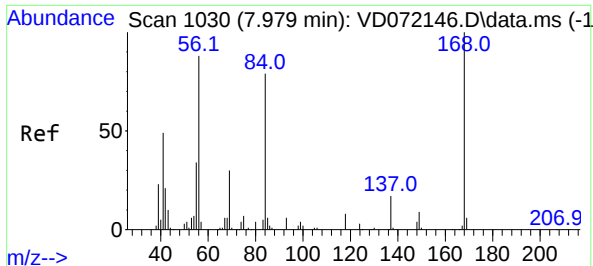


#29
Tetrahydrofuran
Concen: 1.024 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.012 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

Tgt Ion: 42 Resp: 725

Ion	Ratio	Lower	Upper
42	100		
72	11.0	30.7	46.1#
71	11.0	28.6	43.0#

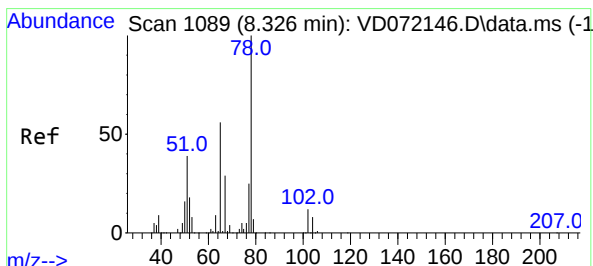
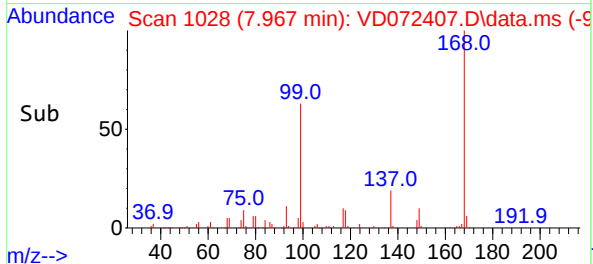
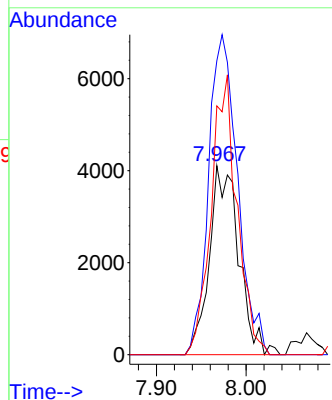
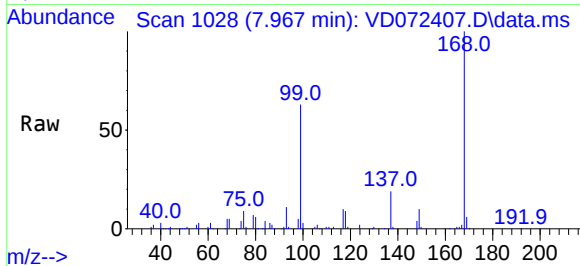




#31
Cyclohexane
Concen: 1.437 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

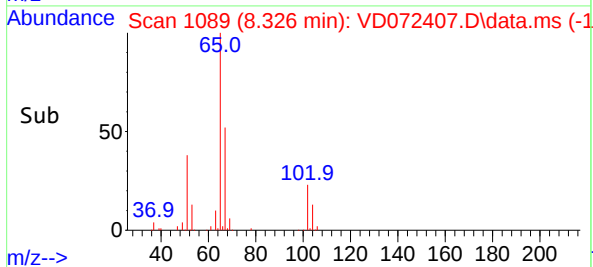
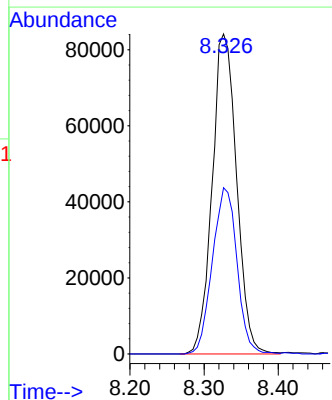
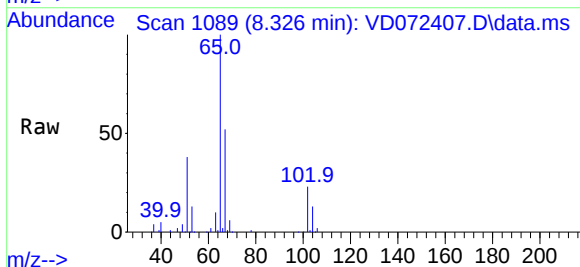
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q3)

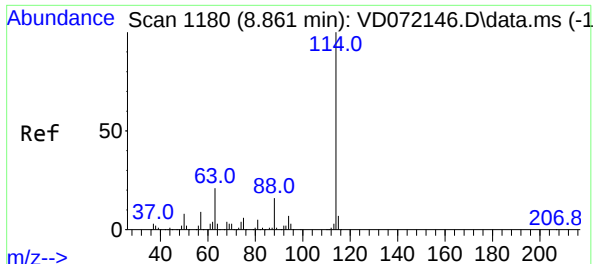
Tgt Ion: 56 Resp: 9337
Ion Ratio Lower Upper
56 100
69 155.6 25.4 38.2#
84 131.7 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 46.382 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

Tgt Ion: 65 Resp: 192874
Ion Ratio Lower Upper
65 100
67 52.2 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: VD072407.D

Acq: 24 Mar 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

WC-2-(Q3)

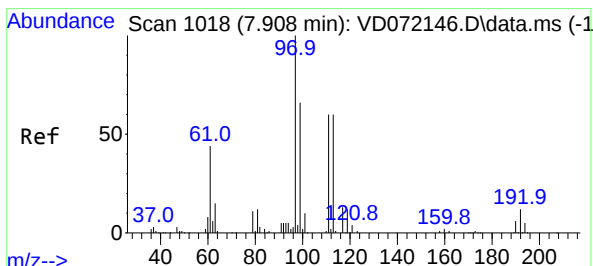
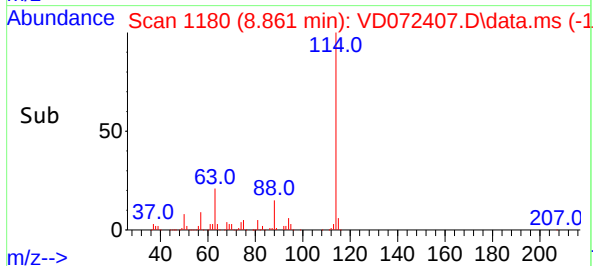
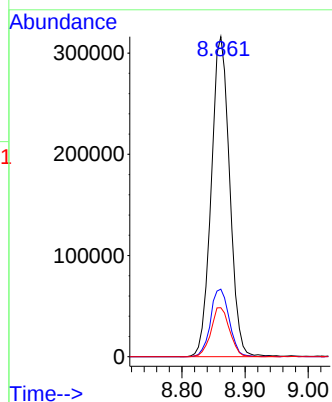
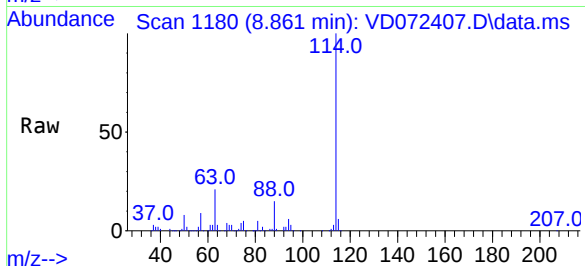
Tgt Ion:114 Resp: 638907

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.376 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072407.D

Acq: 24 Mar 2022 14:57

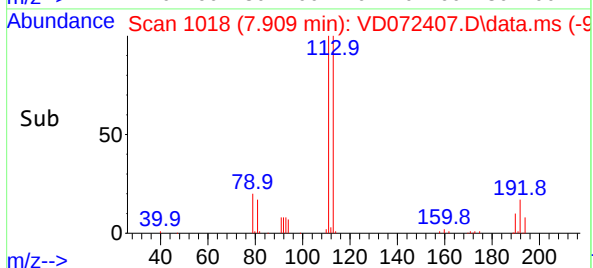
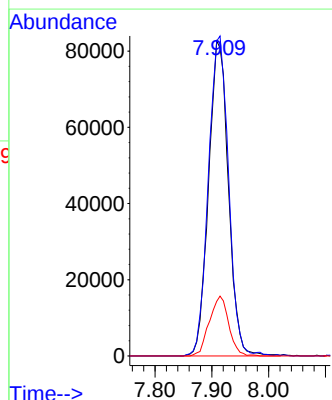
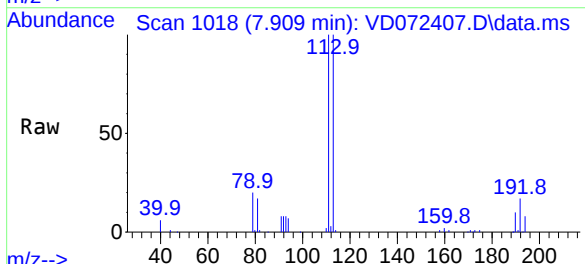
Tgt Ion:113 Resp: 199514

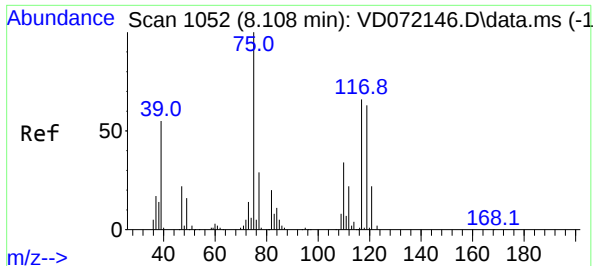
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.7 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.041 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072407.D

Acq: 24 Mar 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

WC-2-(Q3)

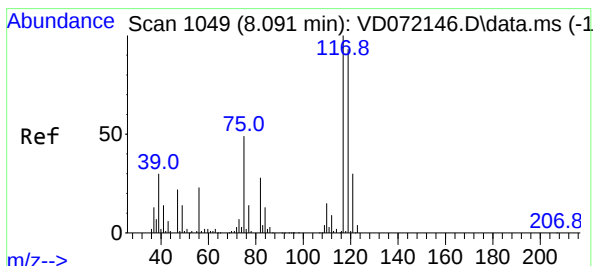
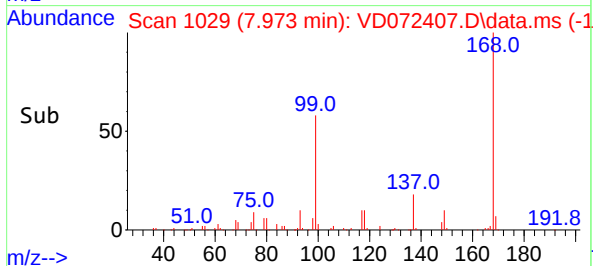
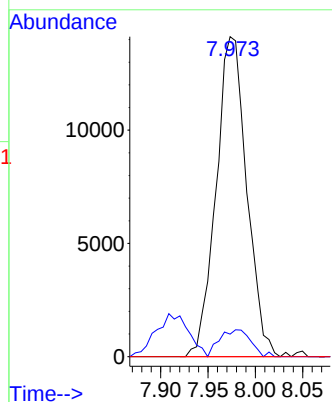
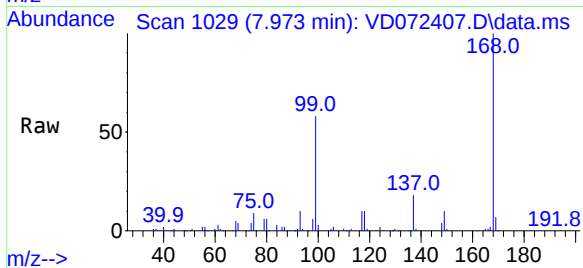
Tgt Ion: 75 Resp: 31798

Ion Ratio Lower Upper

75 100

110 8.6 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.209 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.112 min

Lab File: VD072407.D

Acq: 24 Mar 2022 14:57

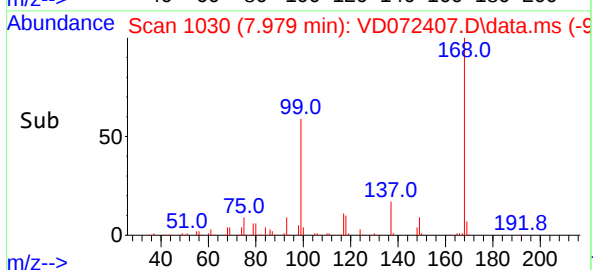
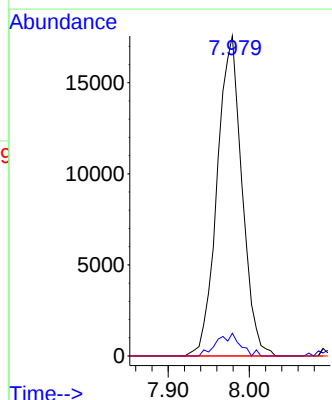
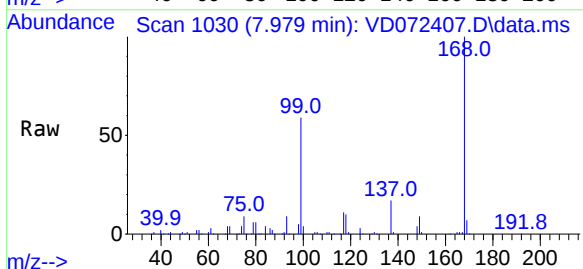
Tgt Ion: 117 Resp: 37344

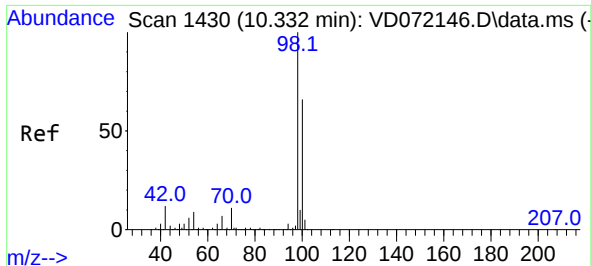
Ion Ratio Lower Upper

117 100

119 7.1 75.8 113.6#

121 0.0 24.5 36.7#

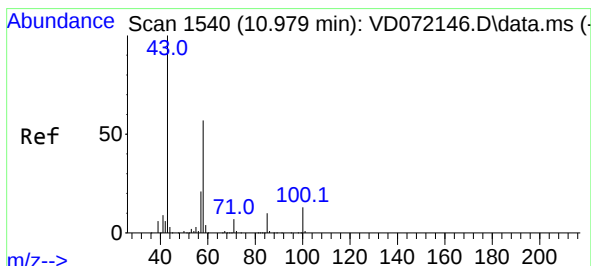
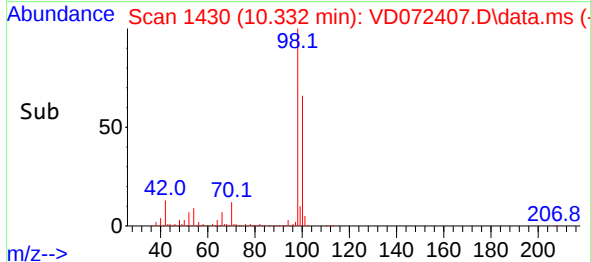
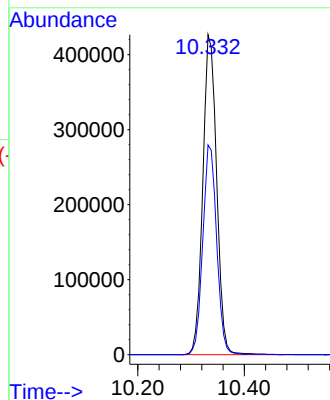
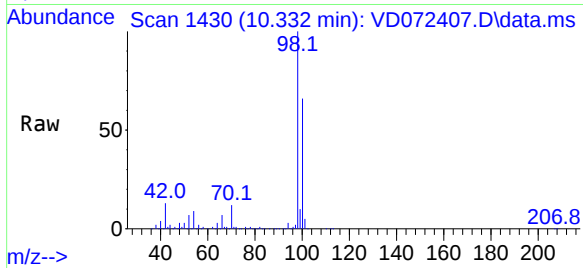




#50
Toluene-d8
Concen: 46.715 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

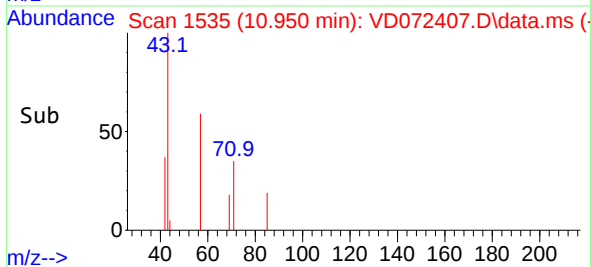
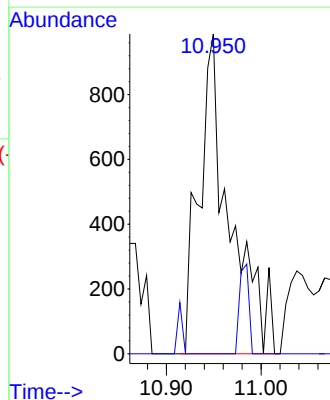
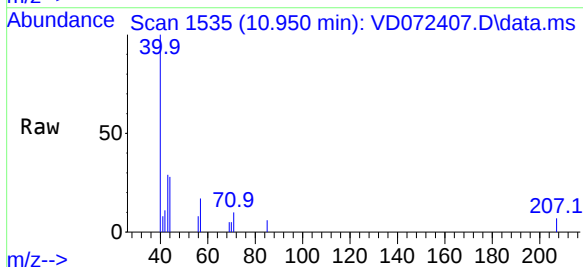
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q3)

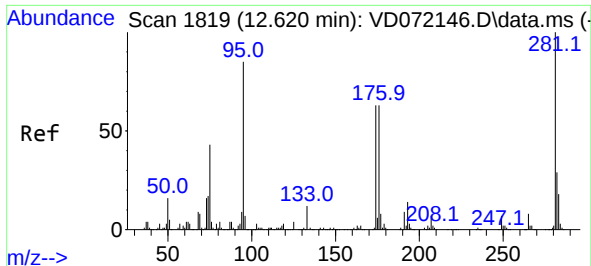
Tgt Ion: 98 Resp: 767989
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#59
2-Hexanone
Concen: 1.145 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. -0.029 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

Tgt Ion: 43 Resp: 2228
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

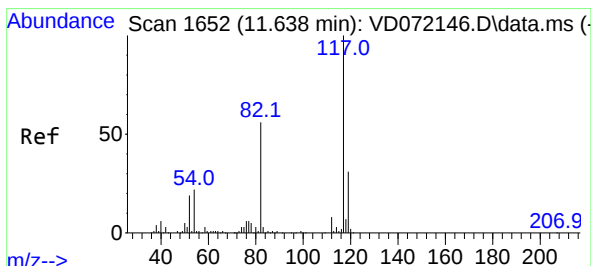
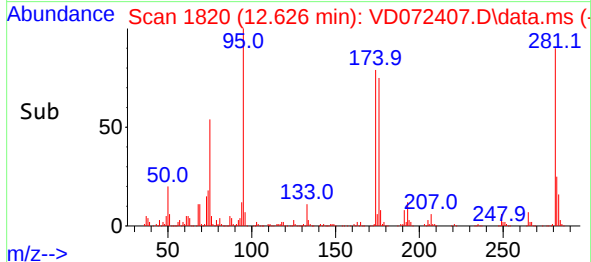
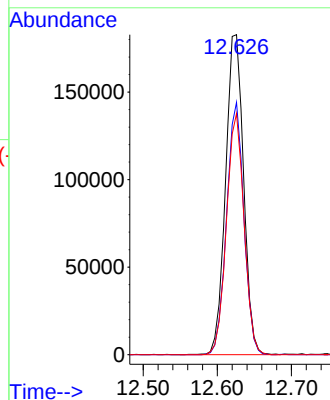
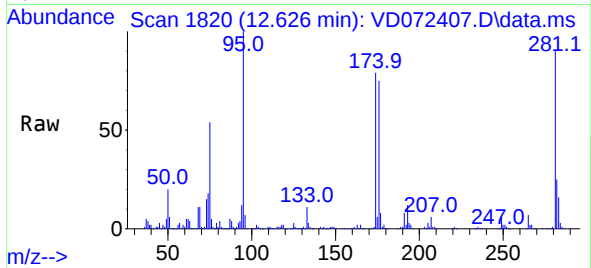




#62
4-Bromofluorobenzene
Concen: 48.295 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

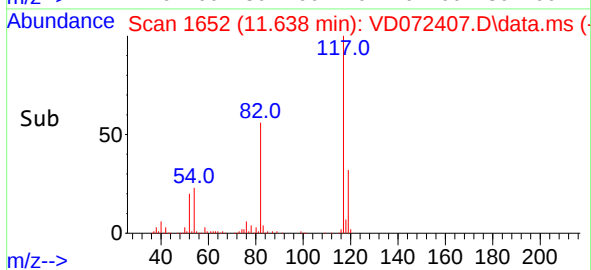
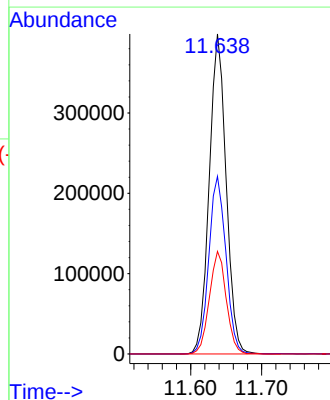
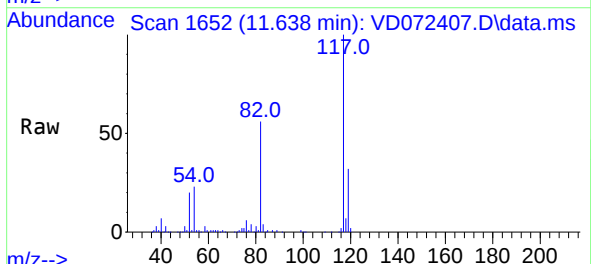
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q3)

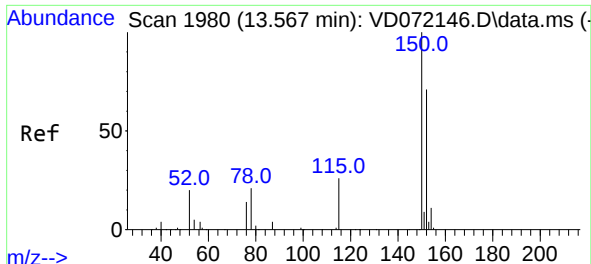
Tgt Ion: 95 Resp: 308498
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.8
176 73.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

Tgt Ion: 117 Resp: 658936
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 32.1 26.6 40.0

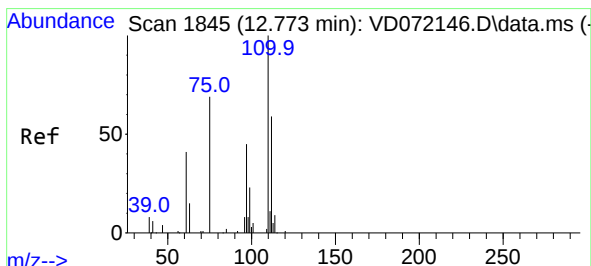
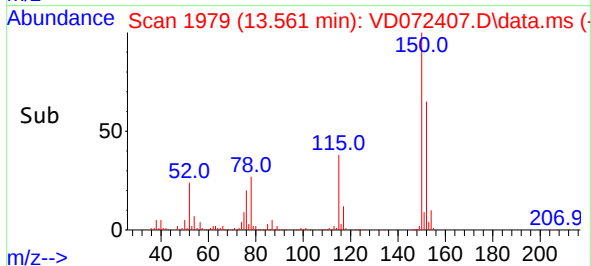
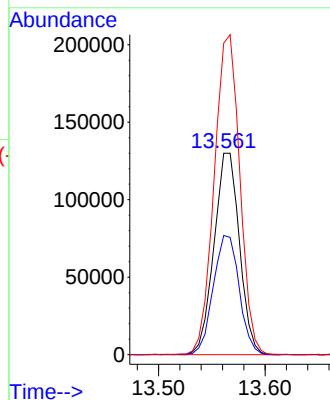
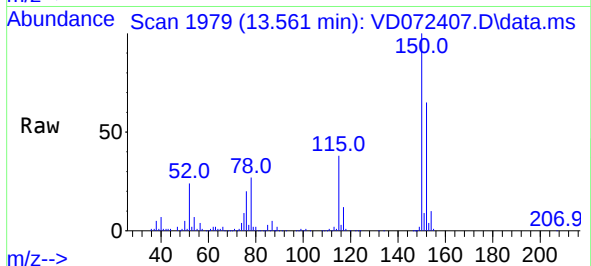




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

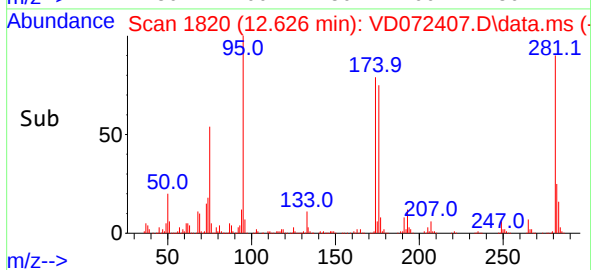
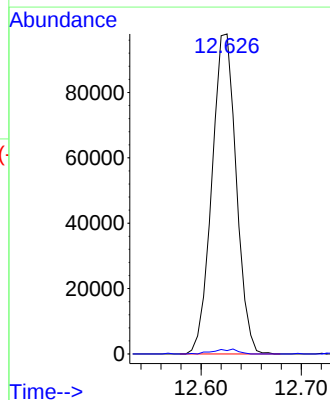
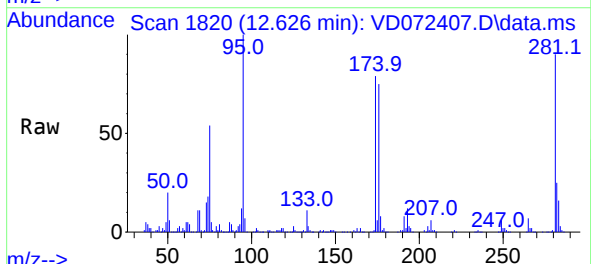
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q3)

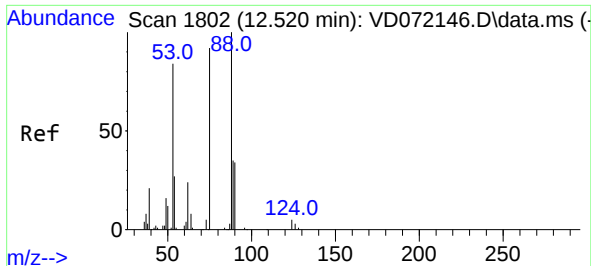
Tgt Ion:152 Resp: 215566
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 160.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 69.358 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

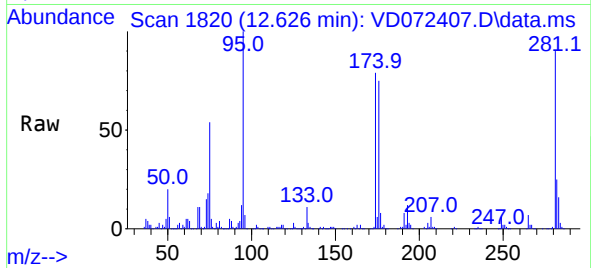
Tgt Ion: 75 Resp: 164925
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 172.084 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q3)



Tgt Ion: 75 Resp: 164925
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 1.3 33.9 50.9#

