

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072192.D
 Acq On : 15 Mar 2022 16:46
 Operator : VA/SY
 Sample : N1905-05
 Misc : 4.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-1-(3.5-4.0)

Quant Time: Mar 16 01:00:46 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)

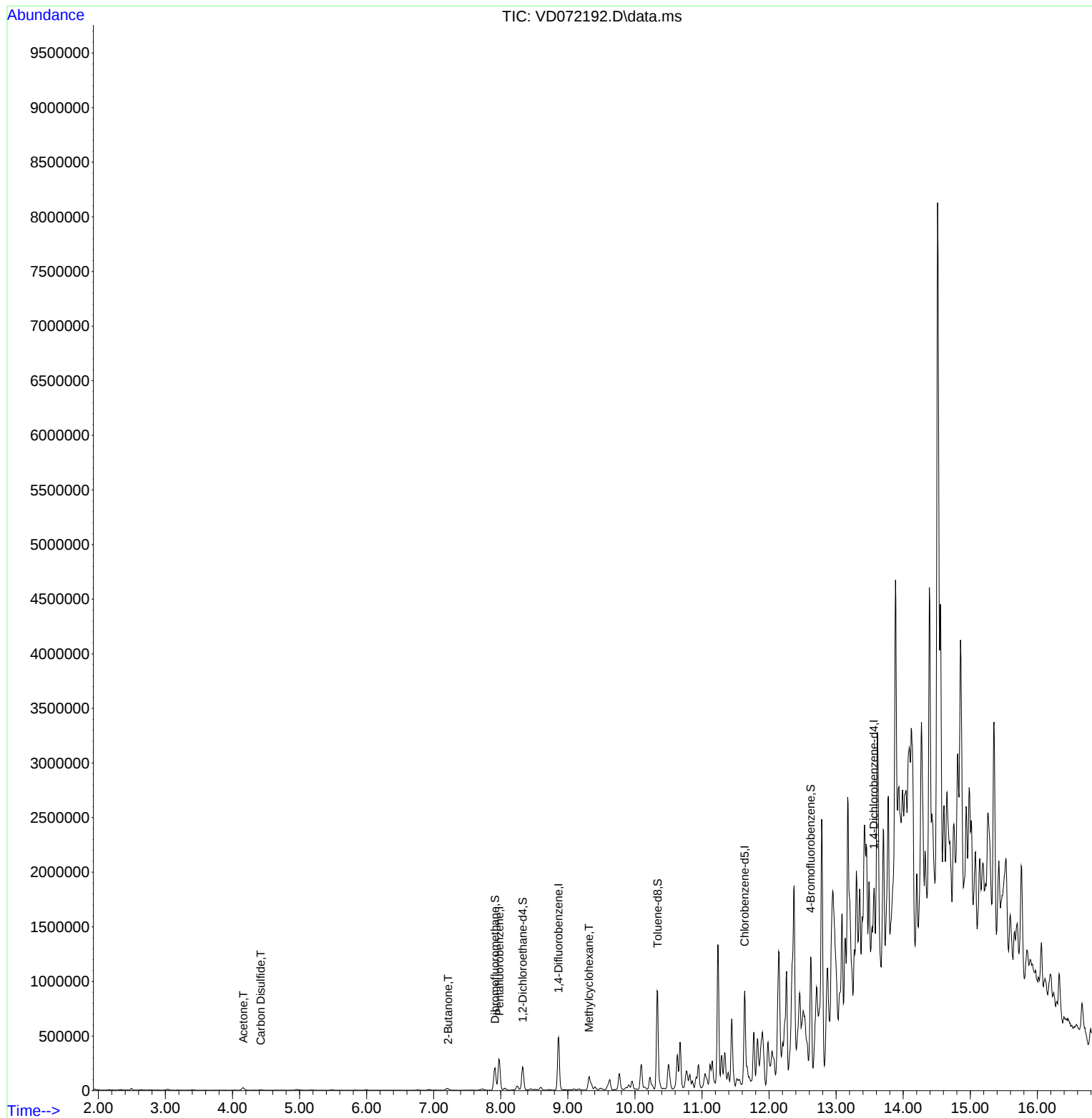
Internal Standards						
1) Pentafluorobenzene	7.979	168	204171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	400831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	471464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	221809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	172246	75.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.400%
35) Dibromofluoromethane	7.914	113	148501	52.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.300%
50) Toluene-d8	10.337	98	547632	53.097	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.200%
62) 4-Bromofluorobenzene	12.620	95	263632	65.785	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.560%
Target Compounds						
						Qvalue
16) Acetone	4.161	43	40899	82.787	ug/l #	86
17) Carbon Disulfide	4.420	76	4766	2.557	ug/l	98
25) 2-Butanone	7.214	43	14430	21.907	ug/l #	90
39) Methylcyclohexane	9.314	83	31061	6.976	ug/l #	39

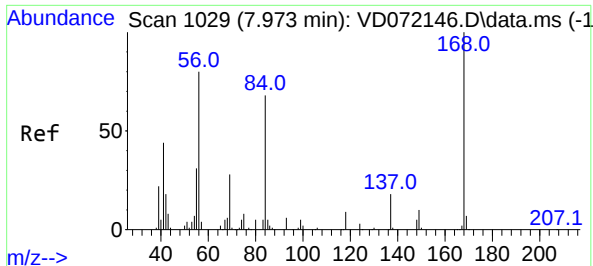
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-1-(3.5-4.0)

Quant Time: Mar 16 01:00:46 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# 10

Delta R.T. 0.006 min

Lab File: VD072192.D

Acq: 15 Mar 2022 16:46

Instrument :

MSVOA_D

ClientSampleId :

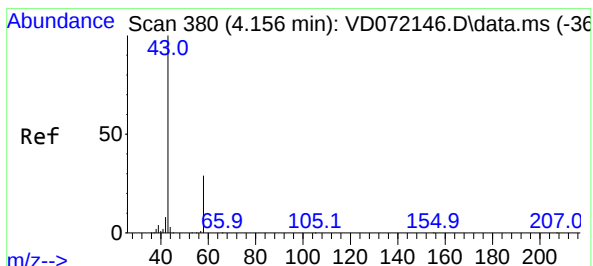
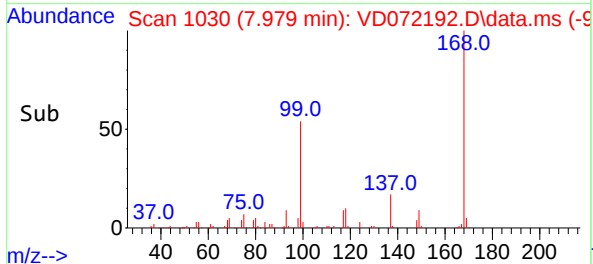
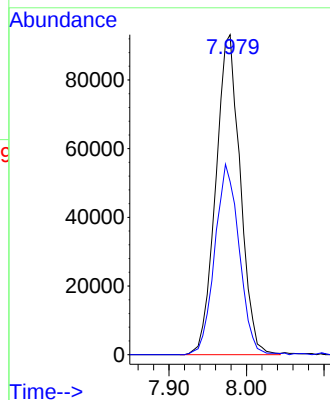
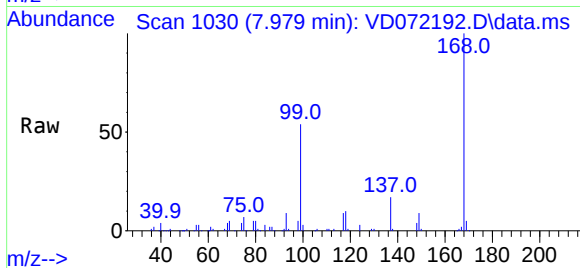
WC-14A-1A-1-(3.5-4.0)

Tgt Ion:168 Resp: 204171

Ion Ratio Lower Upper

168 100

99 54.1 49.8 74.6



#16

Acetone

Concen: 82.787 ug/l

RT: 4.161 min Scan# 381

Delta R.T. 0.006 min

Lab File: VD072192.D

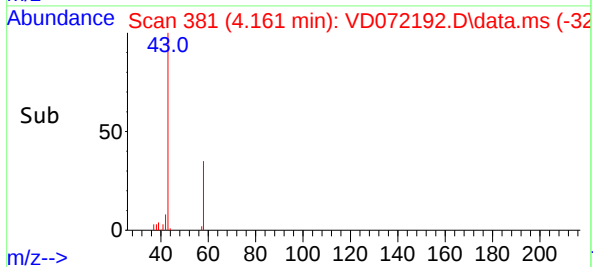
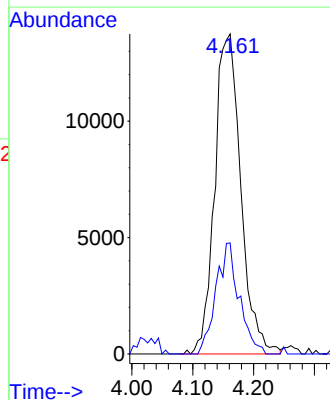
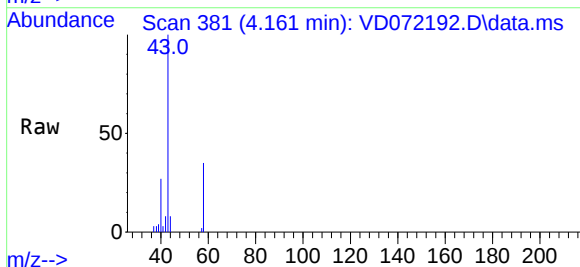
Acq: 15 Mar 2022 16:46

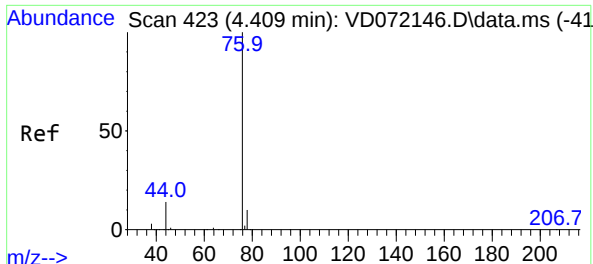
Tgt Ion: 43 Resp: 40899

Ion Ratio Lower Upper

43 100

58 34.7 22.1 33.1#

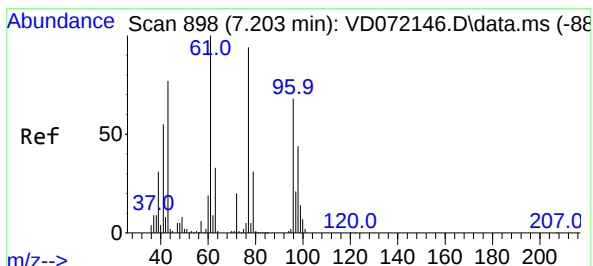
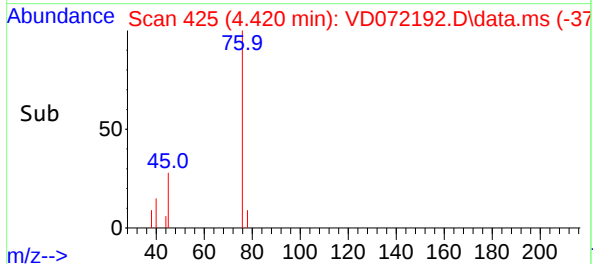
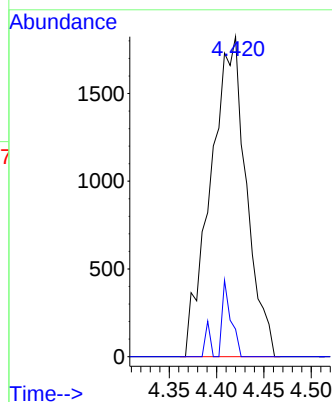
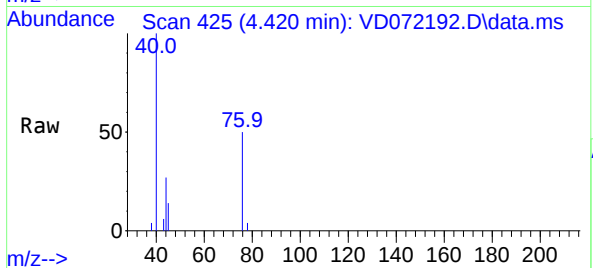




#17
Carbon Disulfide
Concen: 2.557 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD072192.D
Acq: 15 Mar 2022 16:46

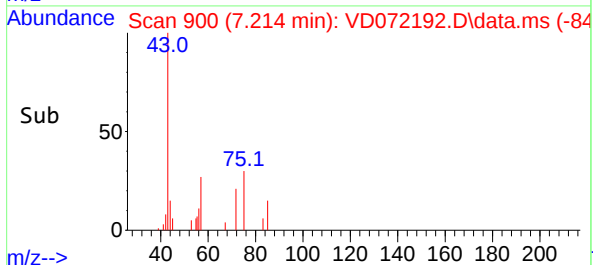
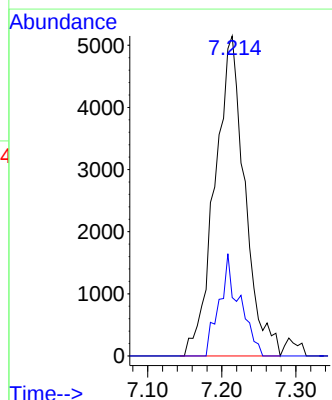
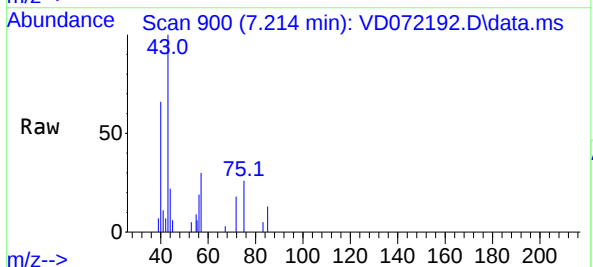
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-1-(3.5-4.0)

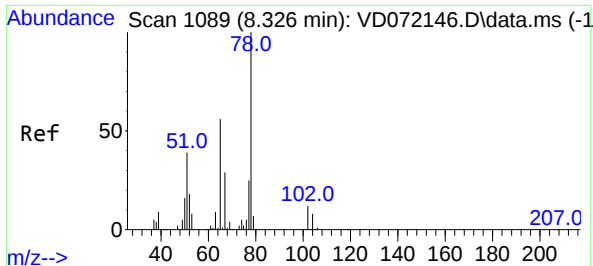
Tgt Ion: 76 Resp: 4766
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#25
2-Butanone
Concen: 21.907 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.011 min
Lab File: VD072192.D
Acq: 15 Mar 2022 16:46

Tgt Ion: 43 Resp: 14430
Ion Ratio Lower Upper
43 100
72 18.2 18.6 27.8#





#33

1,2-Dichloroethane-d4

Concen: 75.700 ug/l

RT: 8.326 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072192.D

Acq: 15 Mar 2022 16:46

Instrument :

MSVOA_D

ClientSampleId :

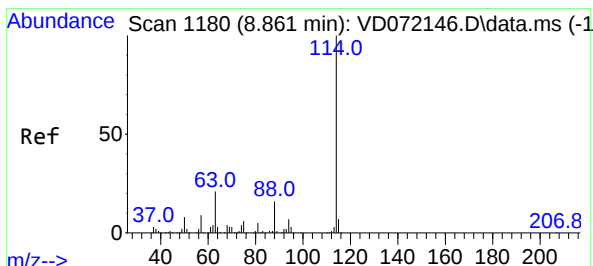
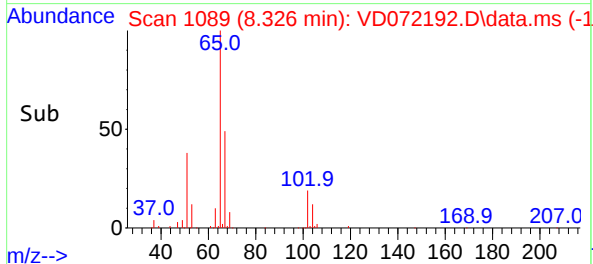
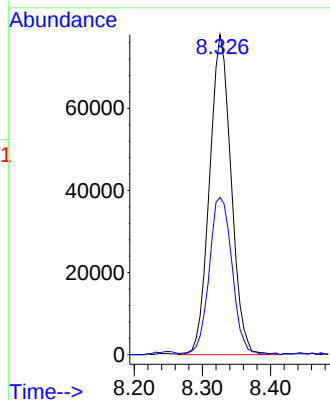
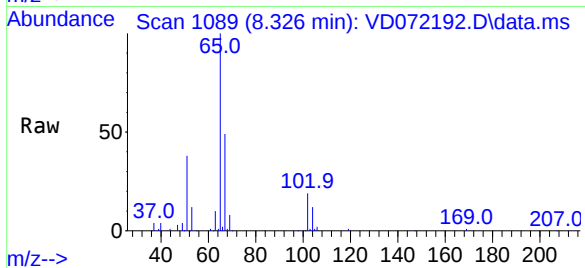
WC-14A-1A-1-(3.5-4.0)

Tgt Ion: 65 Resp: 172246

Ion Ratio Lower Upper

65 100

67 51.6 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: VD072192.D

Acq: 15 Mar 2022 16:46

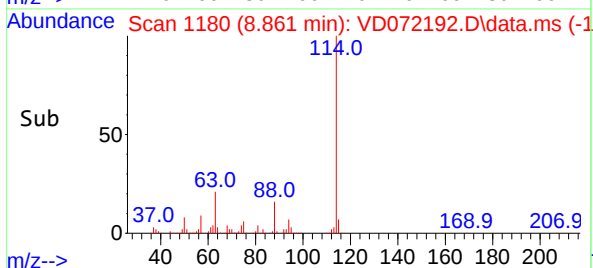
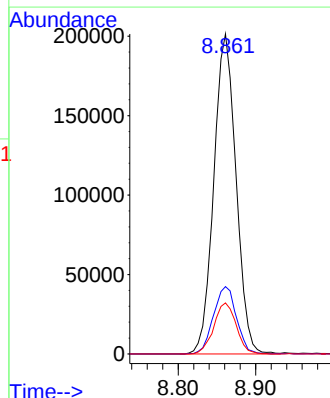
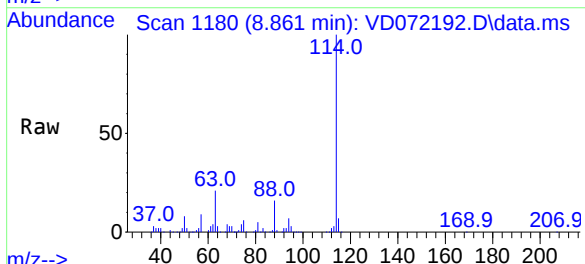
Tgt Ion: 114 Resp: 400831

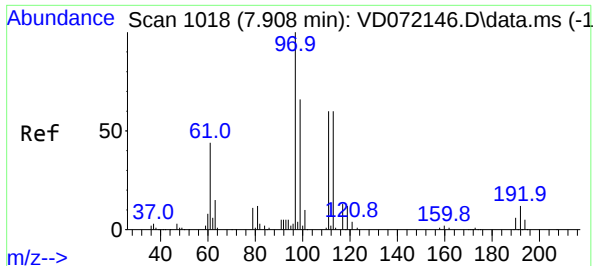
Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 16.0 0.0 33.2

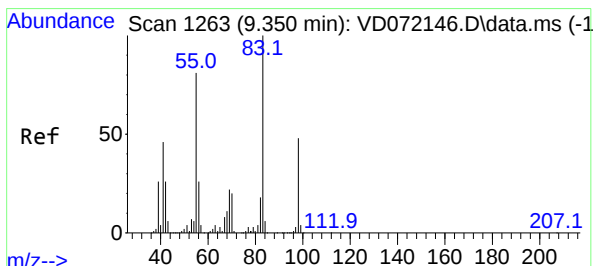
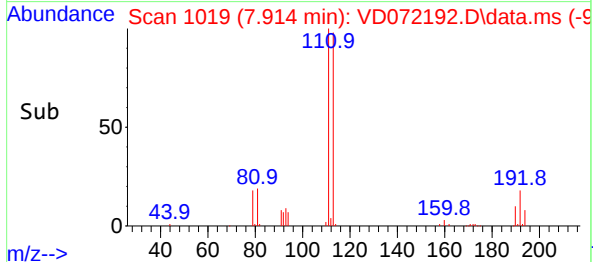
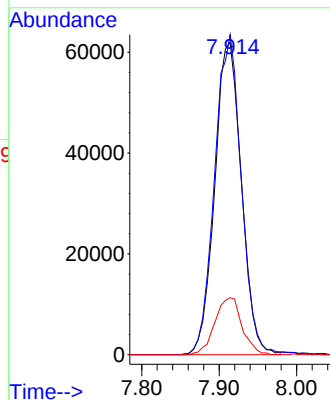
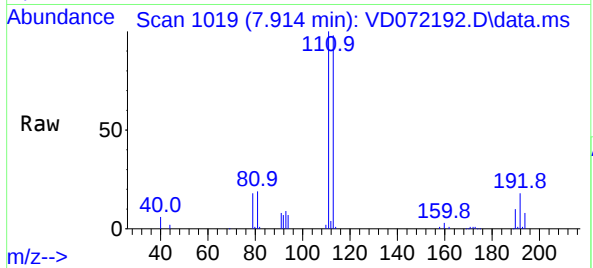




#35
Dibromofluoromethane
Concen: 52.647 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072192.D
Acq: 15 Mar 2022 16:46

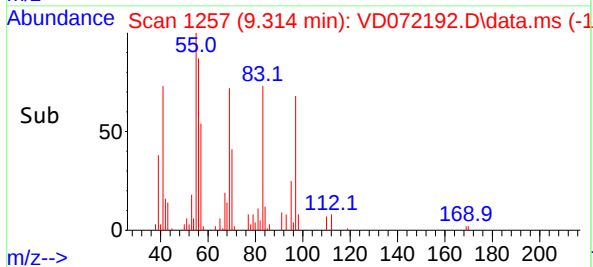
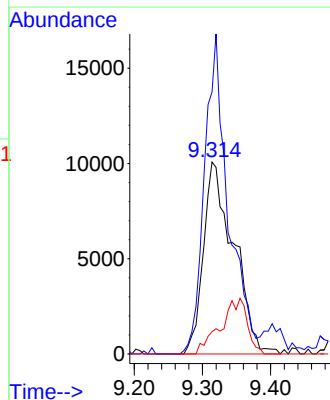
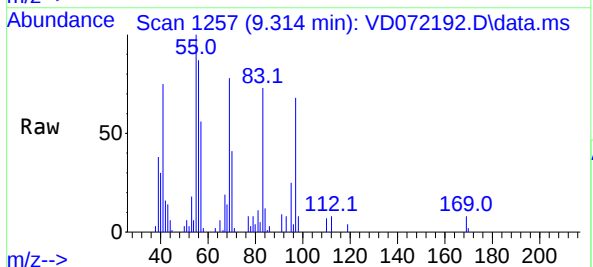
Instrument :
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ClientSampleId :
WC-14A-1A-1-(3.5-4.0)

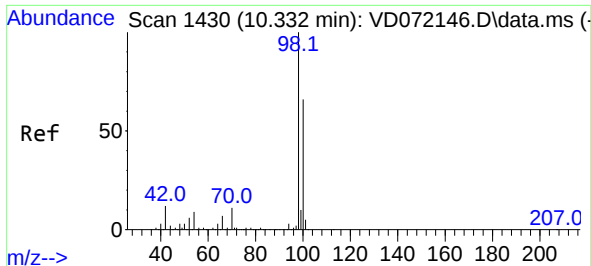
Tgt Ion:113 Resp: 148501
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 18.5 14.6 21.8



#39
Methylcyclohexane
Concen: 6.976 ug/l
RT: 9.314 min Scan# 1257
Delta R.T. -0.036 min
Lab File: VD072192.D
Acq: 15 Mar 2022 16:46

Tgt Ion: 83 Resp: 31061
Ion Ratio Lower Upper
83 100
55 136.4 63.2 94.8#
98 11.6 38.2 57.4#

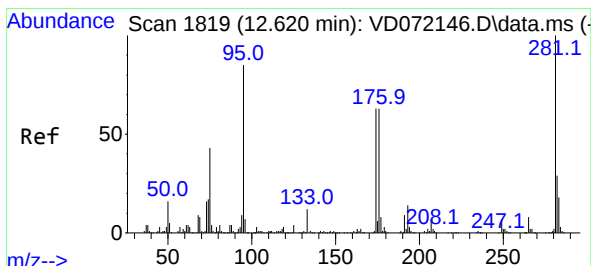
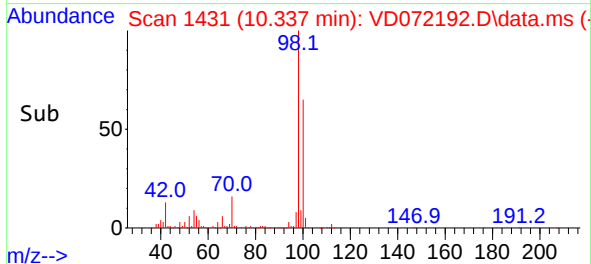
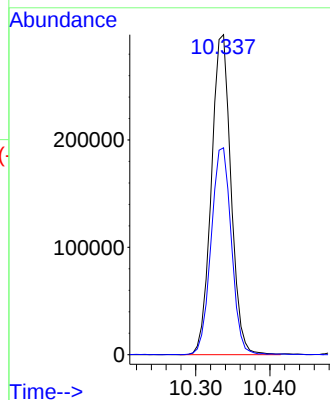
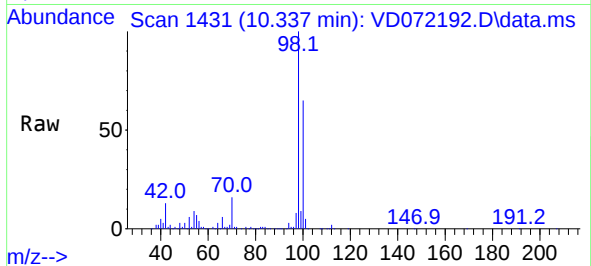




#50
Toluene-d8
Concen: 53.097 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072192.D
Acq: 15 Mar 2022 16:46

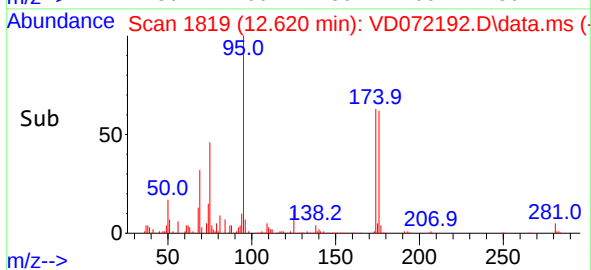
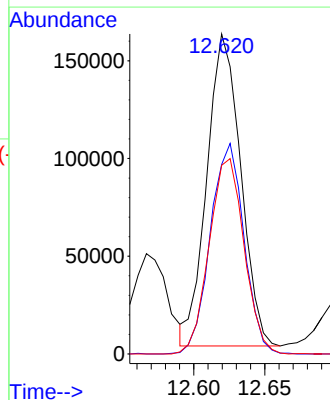
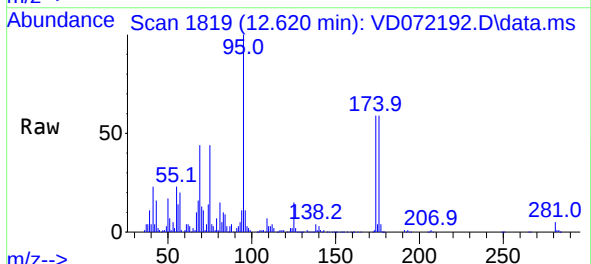
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WC-14A-1A-1-(3.5-4.0)

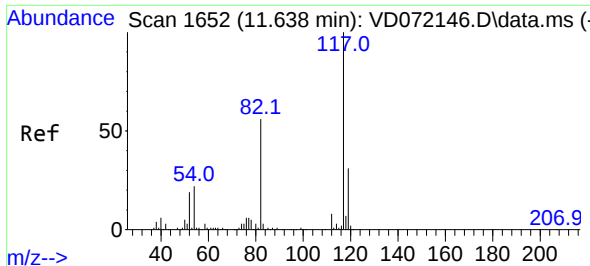
Tgt Ion: 98 Resp: 547632
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 65.785 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072192.D
Acq: 15 Mar 2022 16:46

Tgt Ion: 95 Resp: 263632
Ion Ratio Lower Upper
95 100
174 67.4 0.0 152.8
176 64.9 0.0 145.4

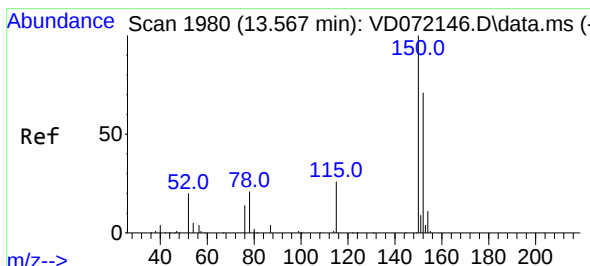
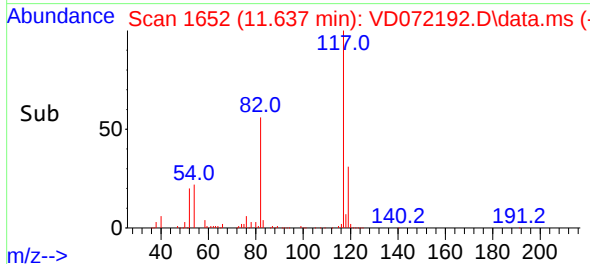
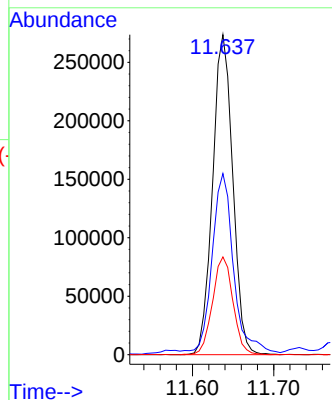
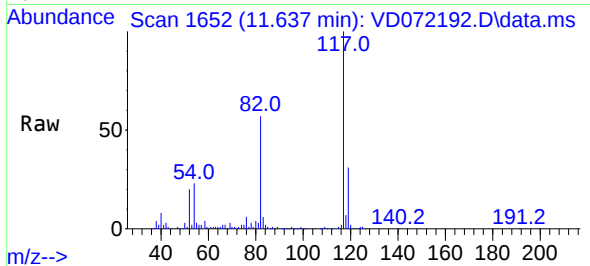




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072192.D
Acq: 15 Mar 2022 16:46

Instrument :
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ClientSampleId :
WC-14A-1A-1-(3.5-4.0)

Tgt Ion:	117	Resp:	471464
Ion Ratio	Lower	Upper	
117	100		
82	56.0	45.3	67.9
119	30.6	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072192.D
Acq: 15 Mar 2022 16:46

Tgt Ion:	152	Resp:	221809
Ion Ratio	Lower	Upper	
152	100		
115	51.7	31.3	93.8
150	133.8	0.0	348.6

