

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050922\
 Data File : VD072893.D
 Acq On : 09 May 2022 16:25
 Operator : VA/SY
 Sample : N2685-04RE
 Misc : 5.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14B-5-GRRE

Quant Time: May 09 17:48:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

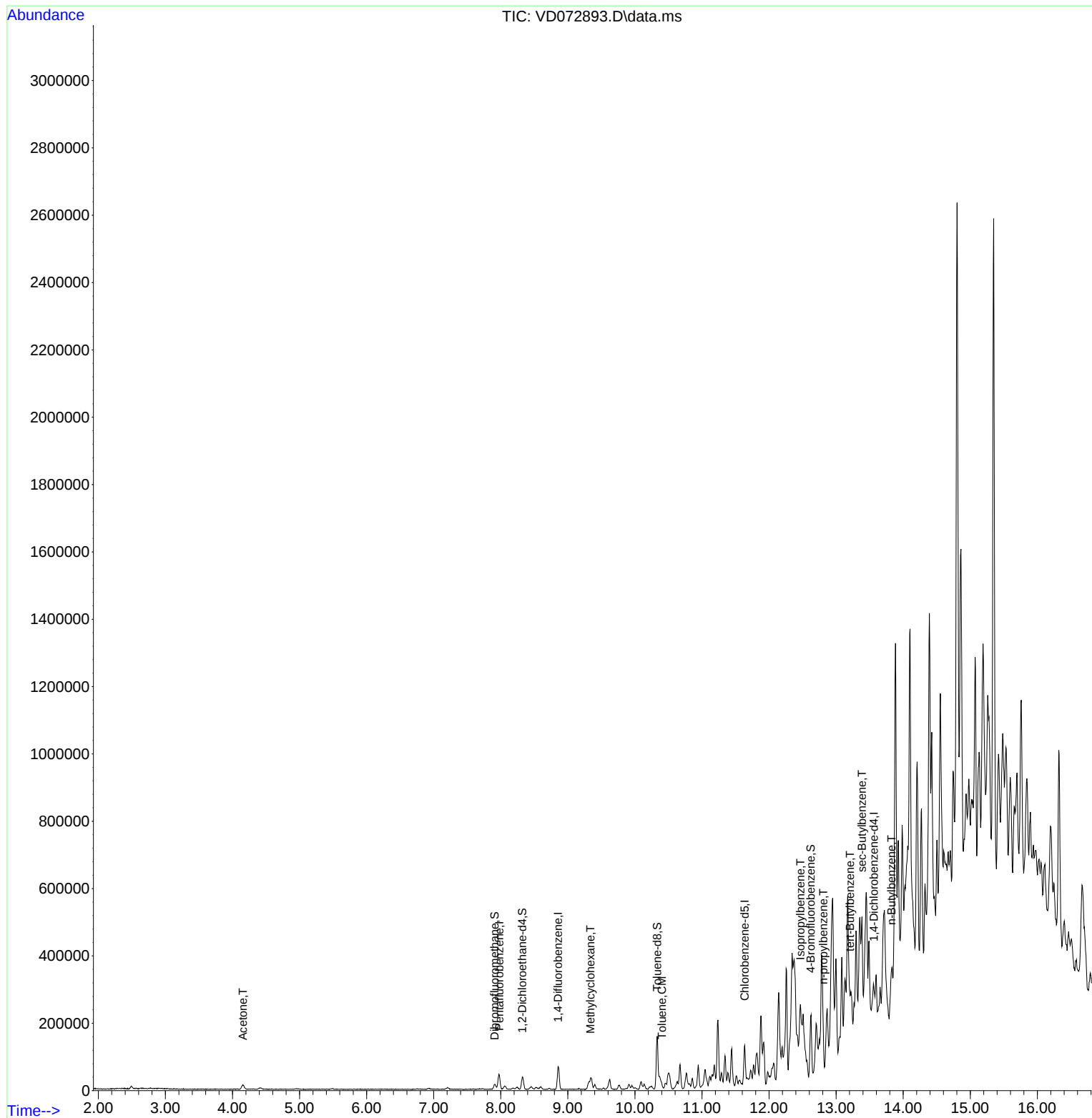
Internal Standards						
1) Pentafluorobenzene	7.979	168	29979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	57356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	65387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	29598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	30438	78.216	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 156.440%			
35) Dibromofluoromethane	7.908	113	11175	27.742	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 55.480%			
50) Toluene-d8	10.332	98	71321	49.359	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.720%			
62) 4-Bromofluorobenzene	12.620	95	37761	70.086	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 140.180%			
Target Compounds						Qvalue
16) Acetone	4.156	43	22492	312.268	ug/l	92
39) Methylcyclohexane	9.338	83	11835m	15.578	ug/l	
52) Toluene	10.402	92	7718	6.541	ug/l	100
73) Isopropylbenzene	12.467	105	74740	32.456	ug/l	99
78) n-propylbenzene	12.808	91	48521	16.718	ug/l	95
83) tert-Butylbenzene	13.208	119	20761	12.506	ug/l	96
85) sec-Butylbenzene	13.385	105	108978	43.525	ug/l #	75
89) n-Butylbenzene	13.826	91	44435	22.345	ug/l	92

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050922\
Data File : VD072893.D
Acq On : 09 May 2022 16:25
Operator : VA/SY
Sample : N2685-04RE
Misc : 5.92G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5-GRRE

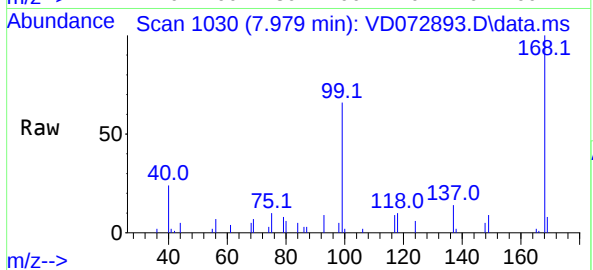
Quant Time: May 09 17:48:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration



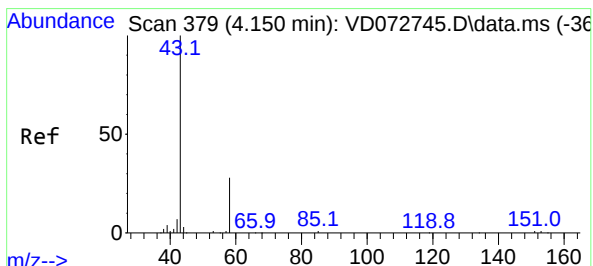
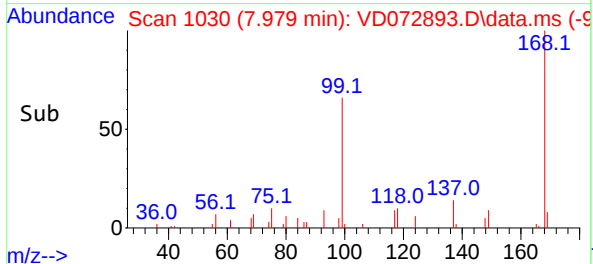
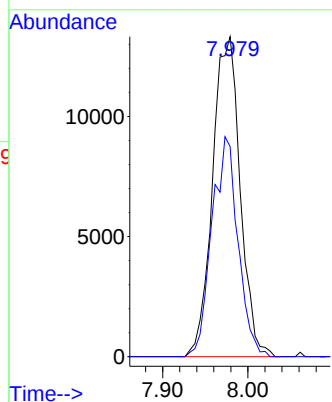


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072893.D
Acq: 09 May 2022 16:25

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5-GRRE

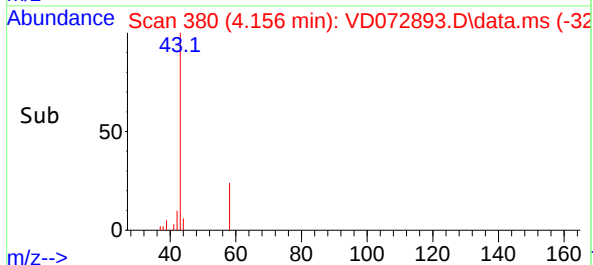
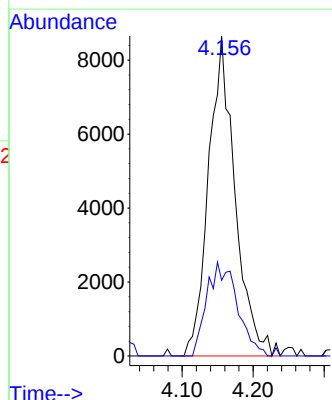
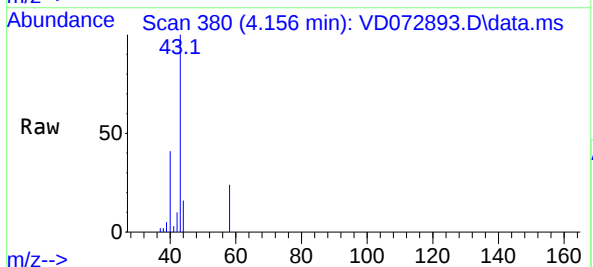


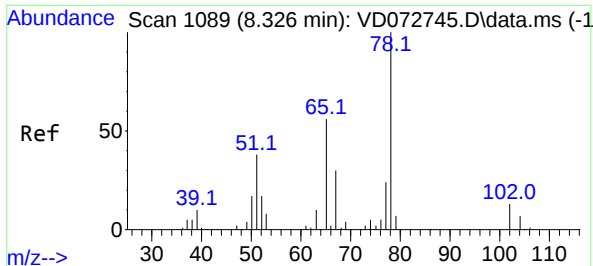
Tgt Ion:168 Resp: 29979
Ion Ratio Lower Upper
168 100
99 65.7 49.8 74.6



#16
Acetone
Concen: 312.268 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072893.D
Acq: 09 May 2022 16:25

Tgt Ion: 43 Resp: 22492
Ion Ratio Lower Upper
43 100
58 23.7 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 78.216 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD072893.D

Acq: 09 May 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

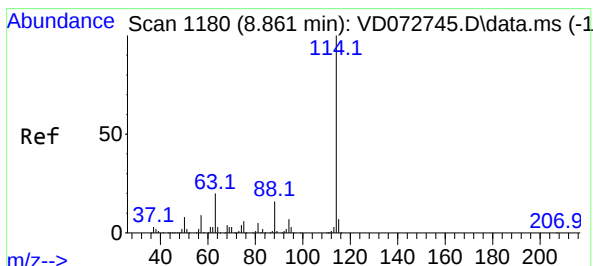
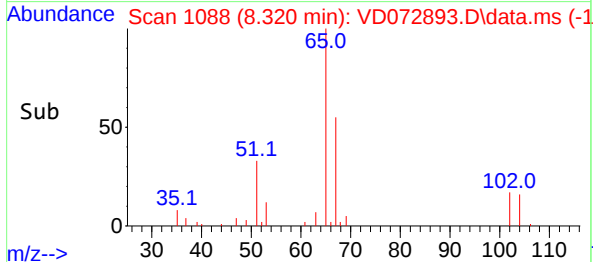
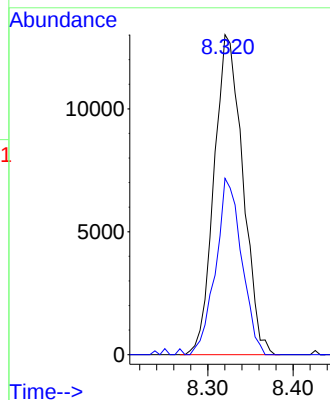
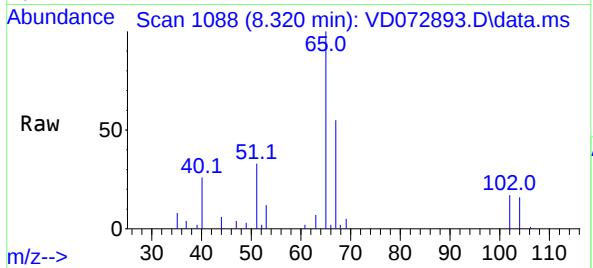
WC-14B-5-GRRE

Tgt Ion: 65 Resp: 30438

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072893.D

Acq: 09 May 2022 16:25

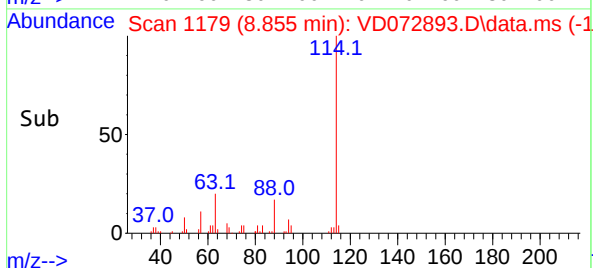
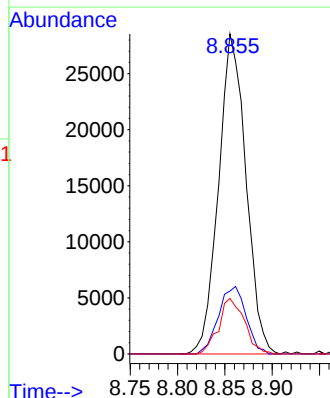
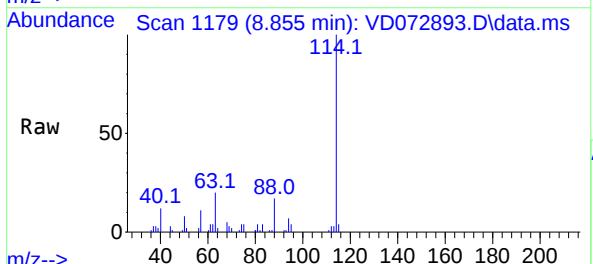
Tgt Ion: 114 Resp: 57356

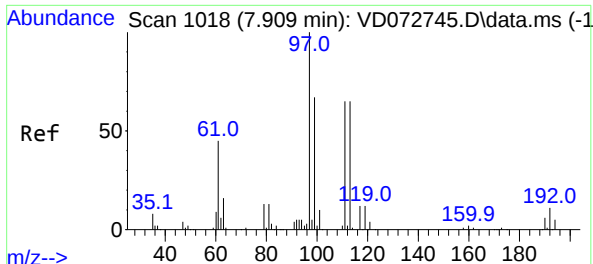
Ion Ratio Lower Upper

114 100

63 19.6 0.0 46.6

88 17.3 0.0 33.2

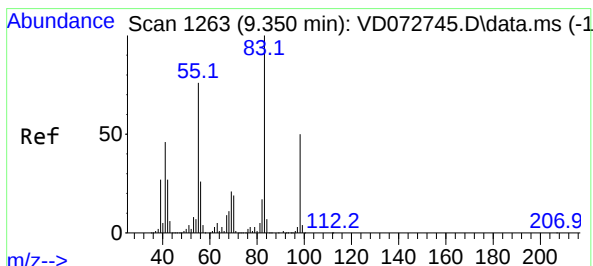
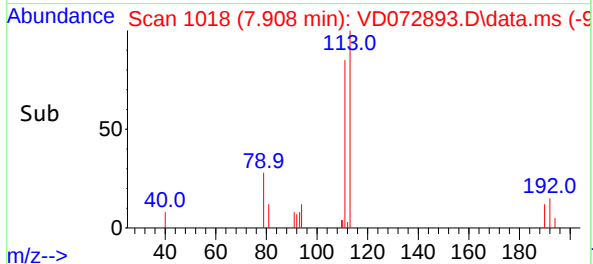
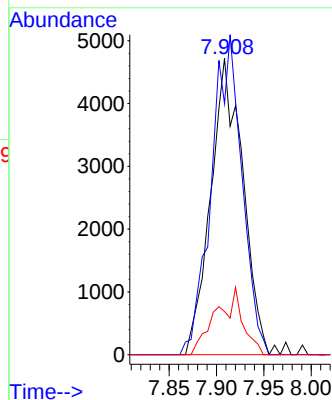
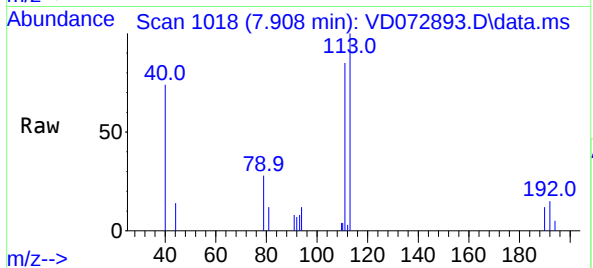




#35
Dibromofluoromethane
Concen: 27.742 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072893.D
Acq: 09 May 2022 16:25

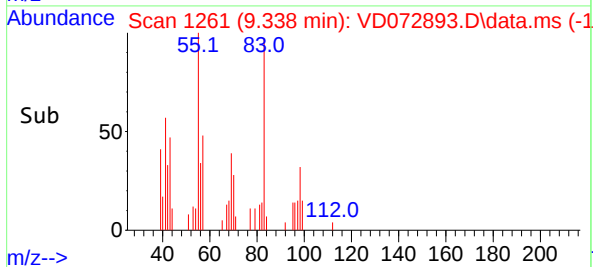
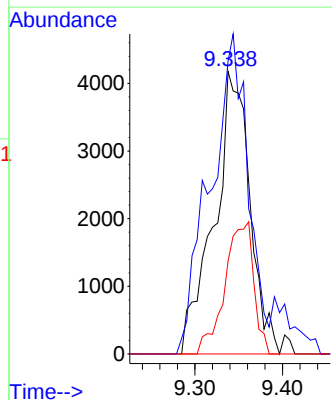
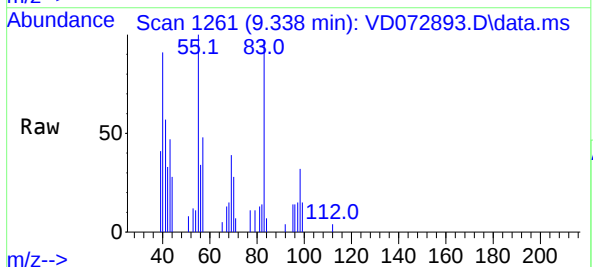
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5-GRRE

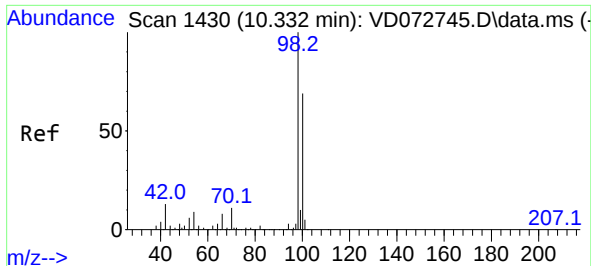
Tgt Ion:	113	Resp:	11175
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.8	125.6
192	18.9	14.6	21.8



#39
Methylcyclohexane
Concen: 15.578 ug/l m
RT: 9.338 min Scan# 1261
Delta R.T. -0.012 min
Lab File: VD072893.D
Acq: 09 May 2022 16:25

Tgt Ion:	83	Resp:	11835
Ion	Ratio	Lower	Upper
83	100		
55	103.6	63.2	94.8#
98	32.8	38.2	57.4#

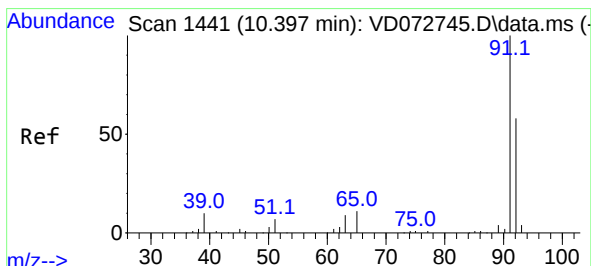
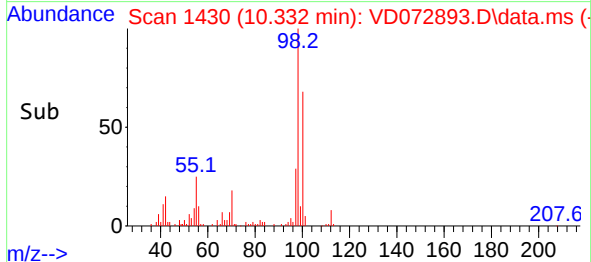
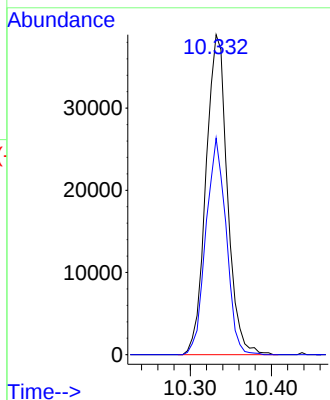
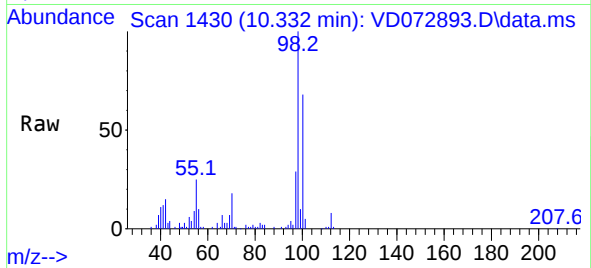




#50
Toluene-d8
Concen: 49.359 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072893.D
Acq: 09 May 2022 16:25

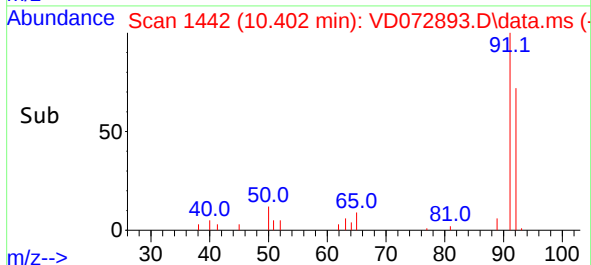
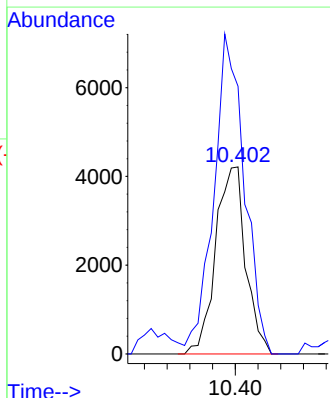
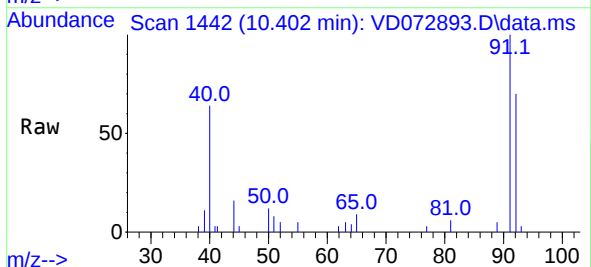
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5-GRRE

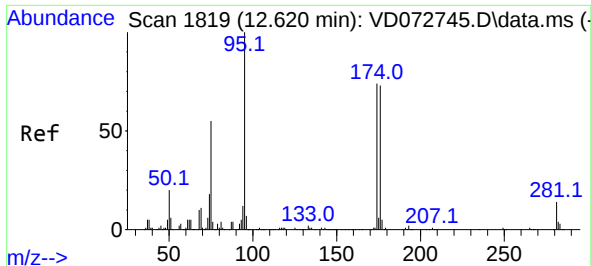
Tgt Ion: 98 Resp: 71321
Ion Ratio Lower Upper
98 100
100 63.9 52.4 78.6



#52
Toluene
Concen: 6.541 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.005 min
Lab File: VD072893.D
Acq: 09 May 2022 16:25

Tgt Ion: 92 Resp: 7718
Ion Ratio Lower Upper
92 100
91 174.7 139.6 209.4

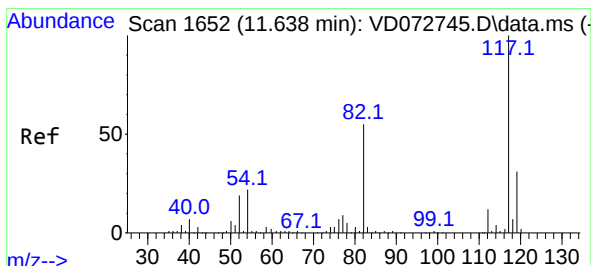
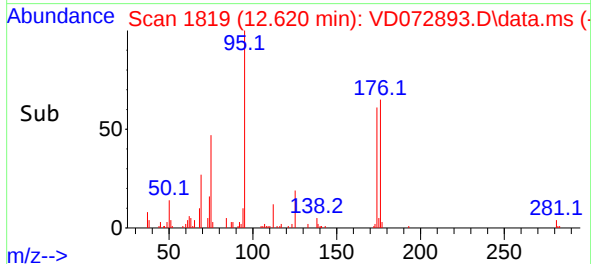
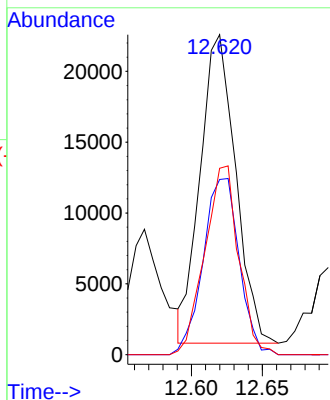
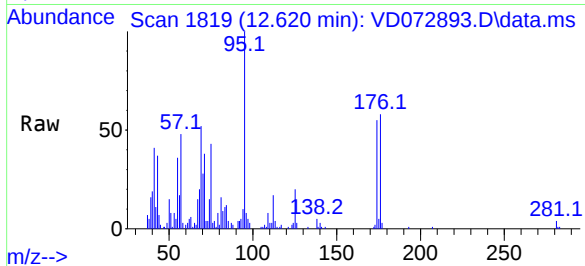




#62
4-Bromofluorobenzene
Concen: 70.086 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072893.D
Acq: 09 May 2022 16:25

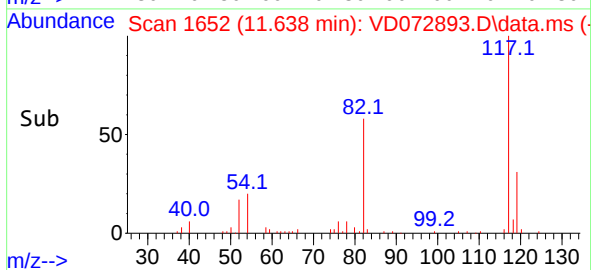
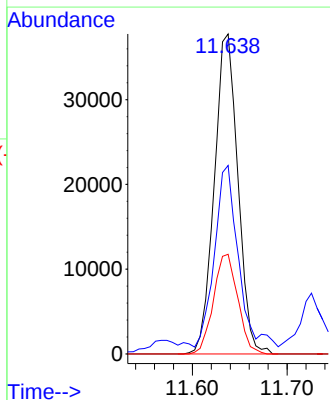
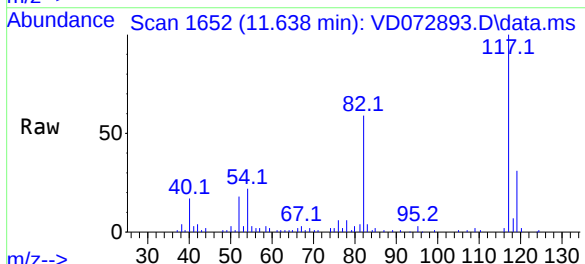
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5-GRRE

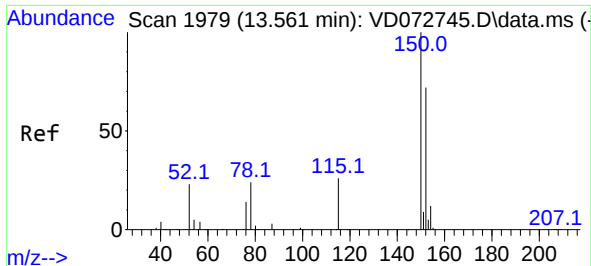
Tgt Ion: 95 Resp: 37761
Ion Ratio Lower Upper
95 100
174 58.2 0.0 152.8
176 58.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072893.D
Acq: 09 May 2022 16:25

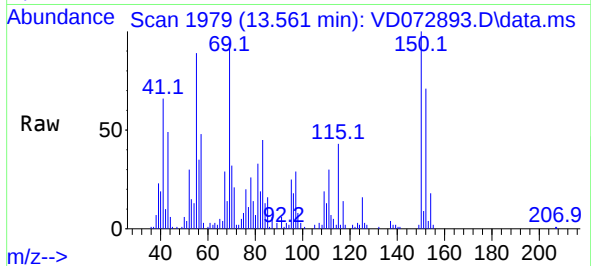
Tgt Ion: 117 Resp: 65387
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 31.1 26.6 40.0



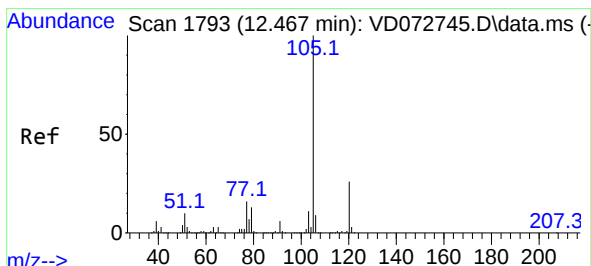
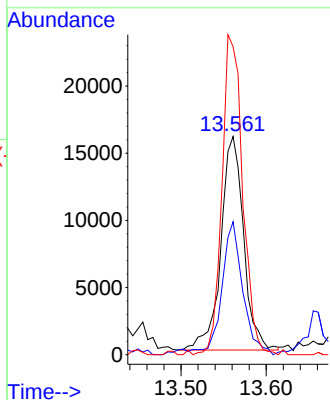
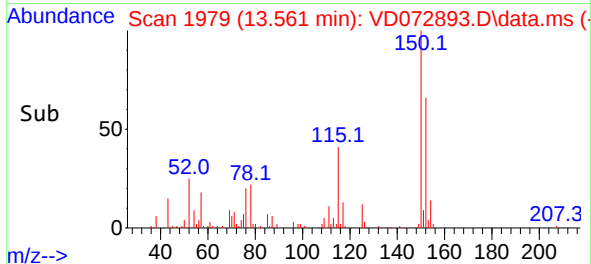


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VD072893.D
Acq: 09 May 2022 16:25

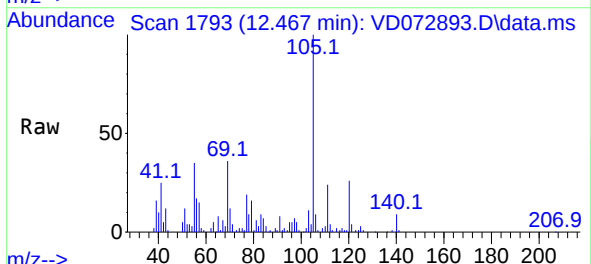
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5-GRRE



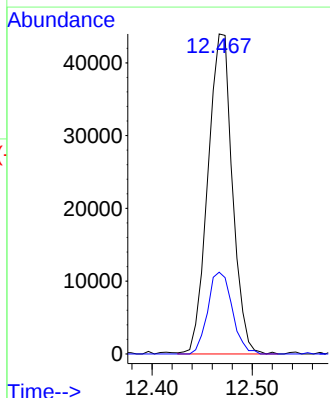
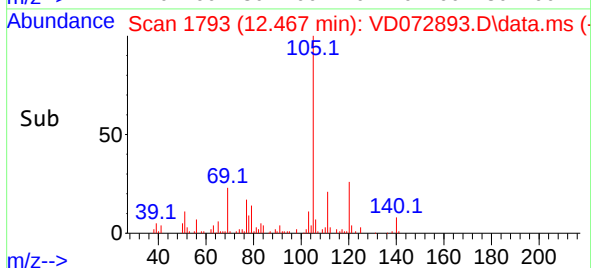
Tgt Ion:152 Resp: 29598
Ion Ratio Lower Upper
152 100
115 56.2 31.3 93.8
150 136.1 0.0 348.6

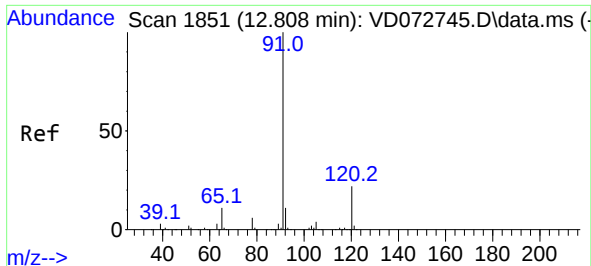


#73
Isopropylbenzene
Concen: 32.456 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD072893.D
Acq: 09 May 2022 16:25



Tgt Ion:105 Resp: 74740
Ion Ratio Lower Upper
105 100
120 25.4 13.0 38.9

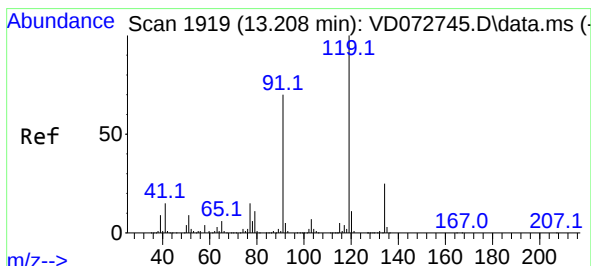
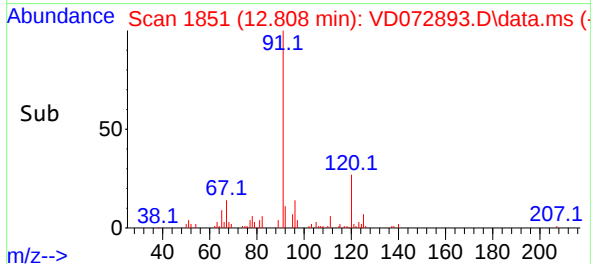
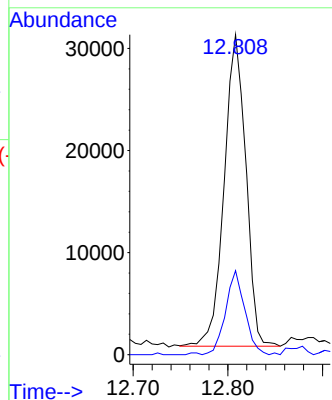
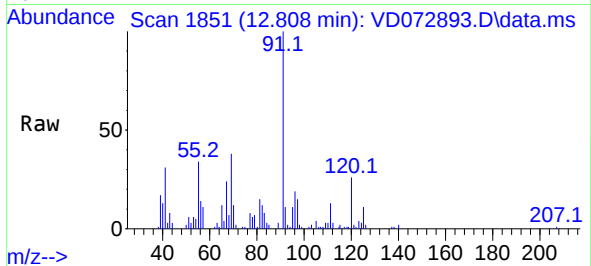




#78
n-propylbenzene
Concen: 16.718 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072893.D
Acq: 09 May 2022 16:25

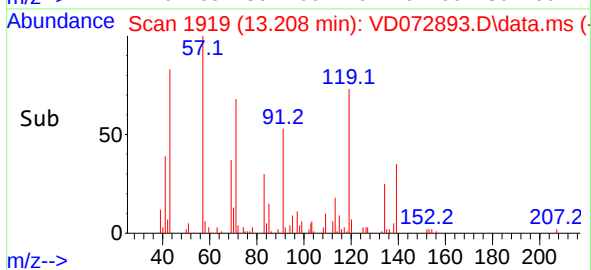
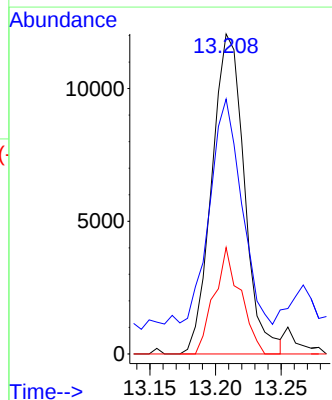
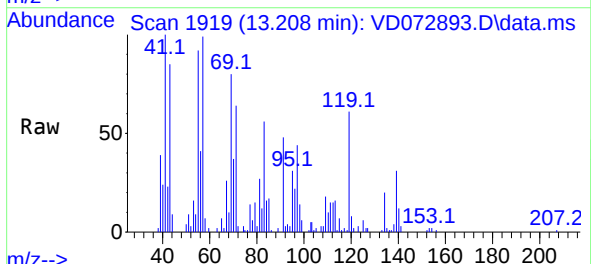
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-5-GRRE

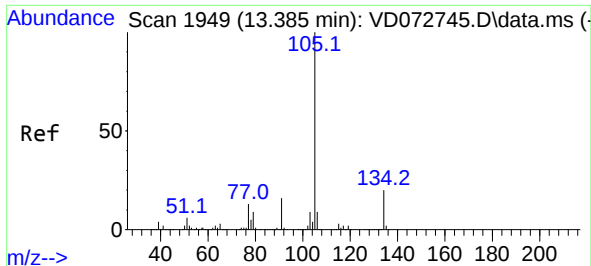
Tgt Ion: 91 Resp: 48521
Ion Ratio Lower Upper
91 100
120 24.1 10.9 32.9



#83
tert-Butylbenzene
Concen: 12.506 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD072893.D
Acq: 09 May 2022 16:25

Tgt Ion: 119 Resp: 20761
Ion Ratio Lower Upper
119 100
91 73.7 34.8 104.5
134 26.9 13.3 39.9

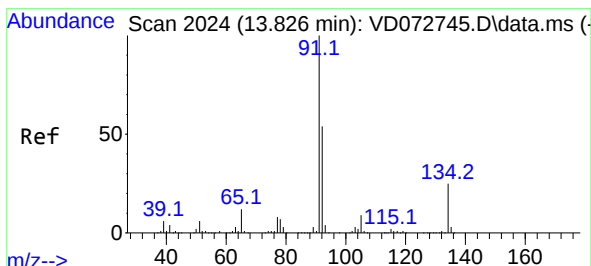
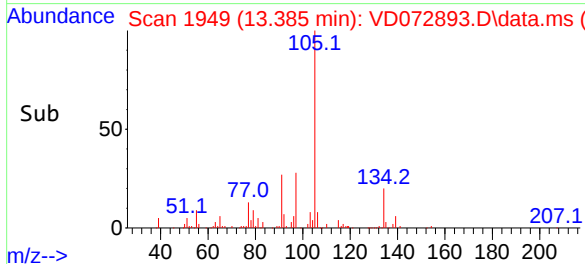
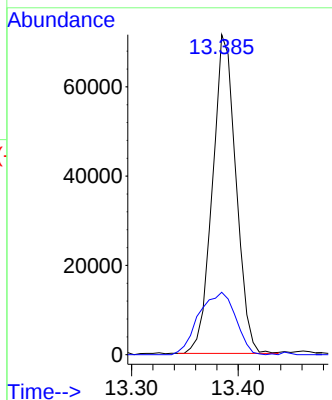
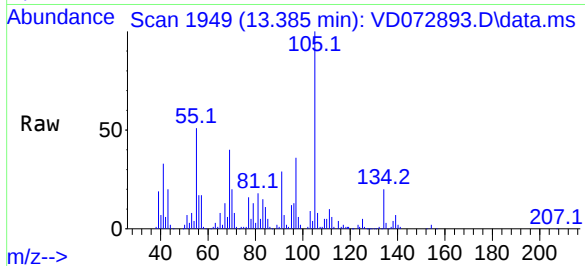




#85
 sec-Butylbenzene
 Concen: 43.525 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD072893.D
 Acq: 09 May 2022 16:25

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14B-5-GRRE

Tgt Ion:105 Resp: 108978
 Ion Ratio Lower Upper
 105 100
 134 30.8 9.8 29.3#



#89
 n-Butylbenzene
 Concen: 22.345 ug/l
 RT: 13.826 min Scan# 2024
 Delta R.T. -0.000 min
 Lab File: VD072893.D
 Acq: 09 May 2022 16:25

Tgt Ion: 91 Resp: 44435
 Ion Ratio Lower Upper
 91 100
 92 50.5 26.6 79.8
 134 32.4 12.3 36.9

