

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042222\
 Data File : VD072697.D
 Acq On : 22 Apr 2022 16:39
 Operator : VA/SY
 Sample : N2480-15
 Misc : 5.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-4

Quant Time: Apr 22 23:47:11 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)

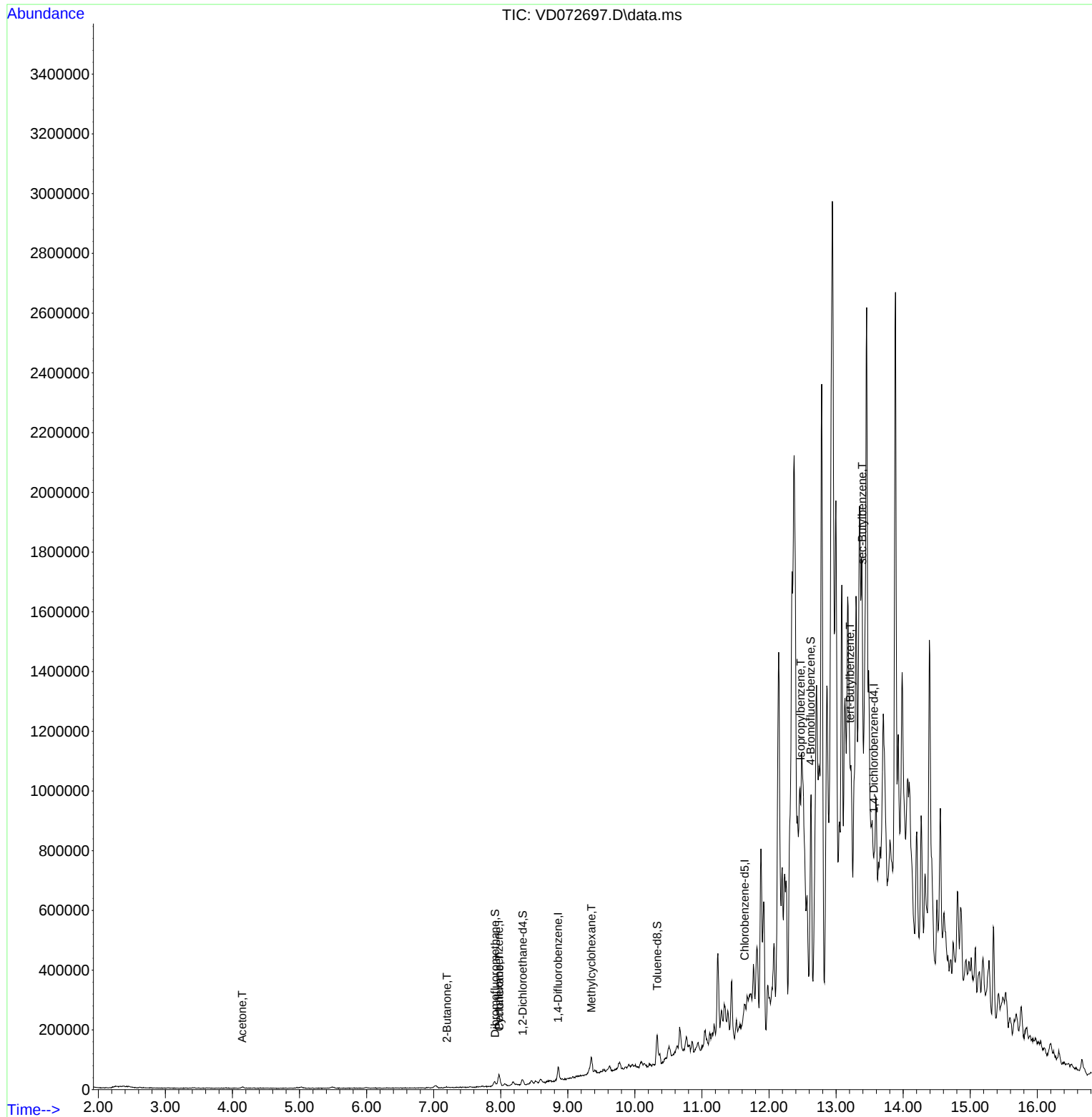
Internal Standards						
1) Pentafluorobenzene	7.973	168	18658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	34277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	37040	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	18424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14779	65.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.960%	
35) Dibromofluoromethane	7.914	113	12000	45.048	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.100%	
50) Toluene-d8	10.332	98	42778	46.199	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.400%	
62) 4-Bromofluorobenzene	12.620	95	51210	141.610	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 283.220%#	
Target Compounds						
					Qvalue	
16) Acetone	4.144	43	7815	185.689	ug/l	98
25) 2-Butanone	7.197	43	3583	61.556	ug/l #	52
31) Cyclohexane	7.979	56	6736	22.824	ug/l #	85
39) Methylcyclohexane	9.350	83	23020	57.602	ug/l	93
73) Isopropylbenzene	12.473	105	27108	18.219	ug/l	90
83) tert-Butylbenzene	13.208	119	28191	25.553	ug/l	80
85) sec-Butylbenzene	13.391	105	123216	74.148	ug/l #	64

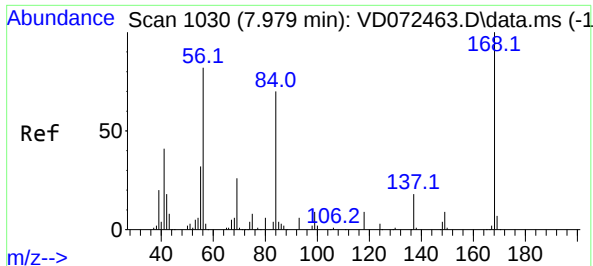
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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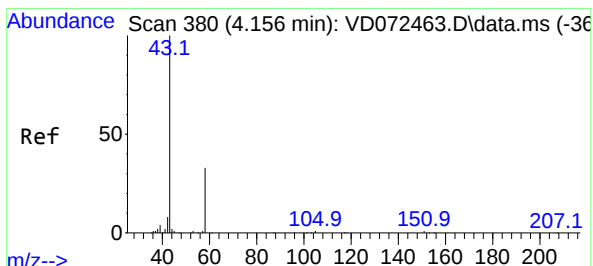
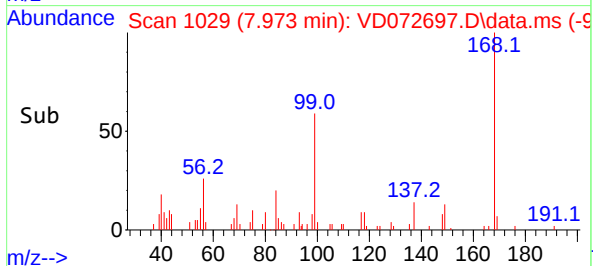
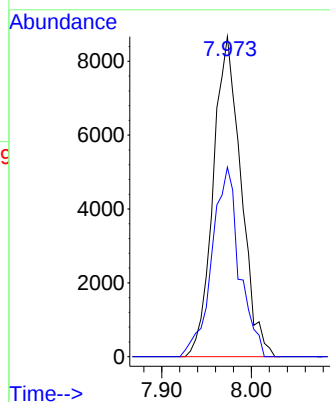
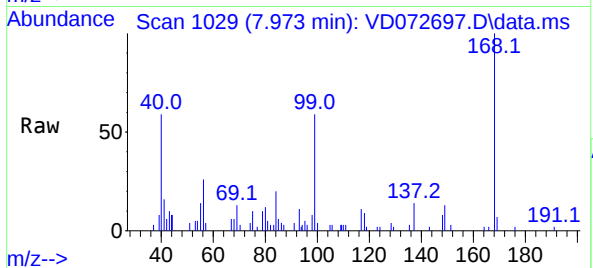




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

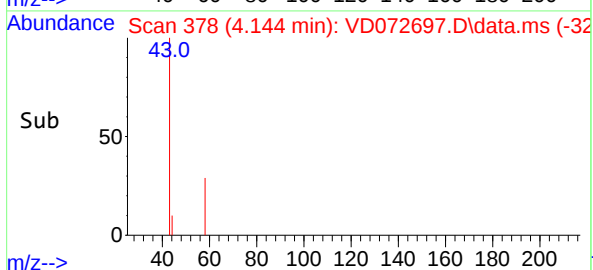
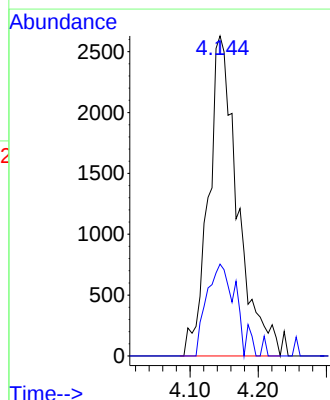
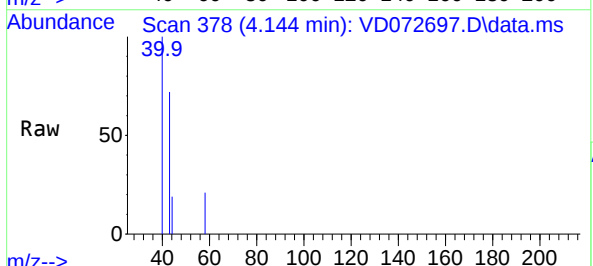
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

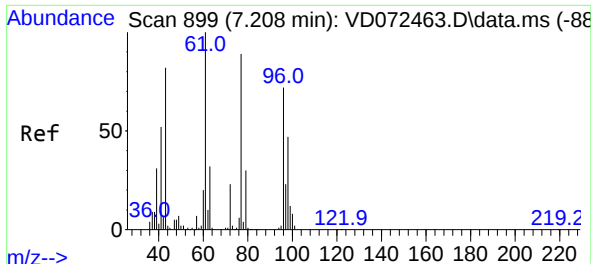
Tgt Ion:168 Resp: 18658
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#16
Acetone
Concen: 185.689 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 43 Resp: 7815
Ion Ratio Lower Upper
43 100
58 28.7 22.1 33.1





#25

2-Butanone

Concen: 61.556 ug/l

RT: 7.197 min Scan# 89

Delta R.T. -0.012 min

Lab File: VD072697.D

Acq: 22 Apr 2022 16:39

Instrument :

MSVOA_D

ClientSampleId :

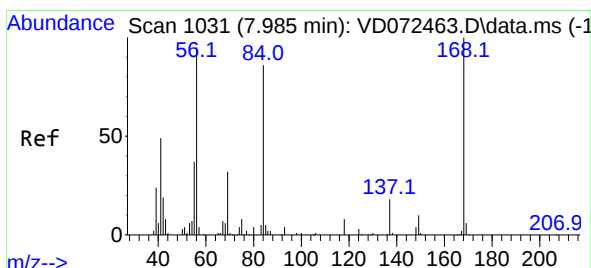
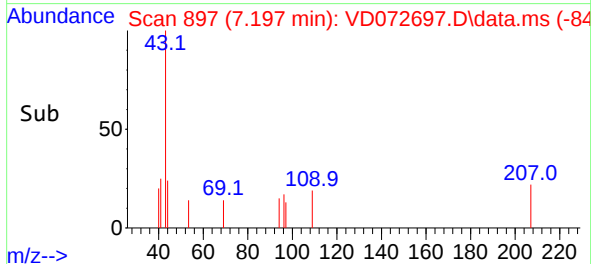
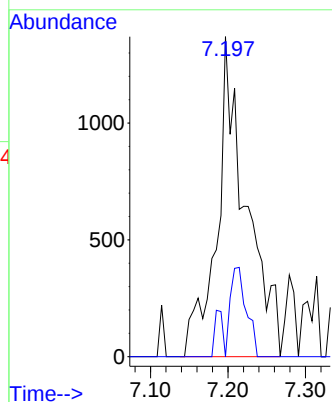
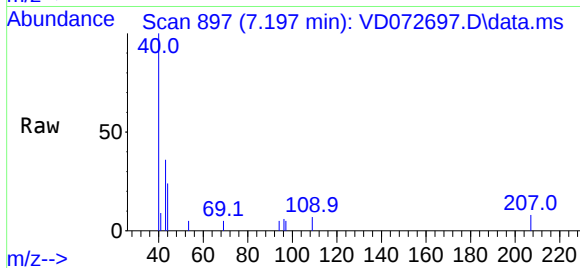
WC-16-1A-4

Tgt Ion: 43 Resp: 3583

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#31

Cyclohexane

Concen: 22.824 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072697.D

Acq: 22 Apr 2022 16:39

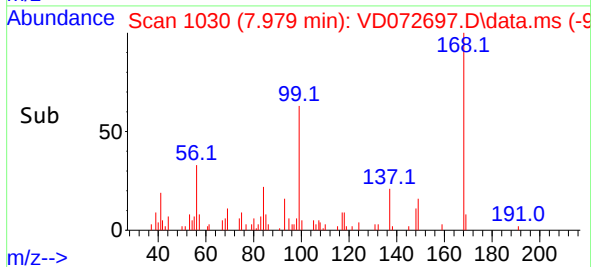
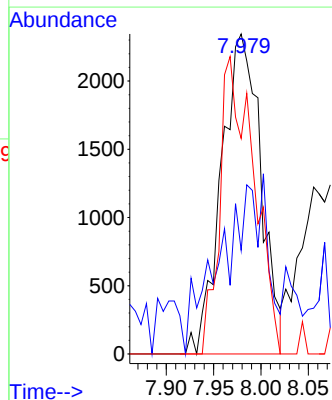
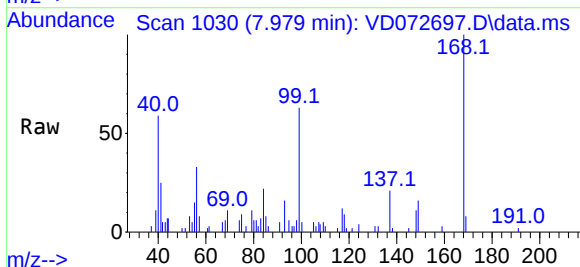
Tgt Ion: 56 Resp: 6736

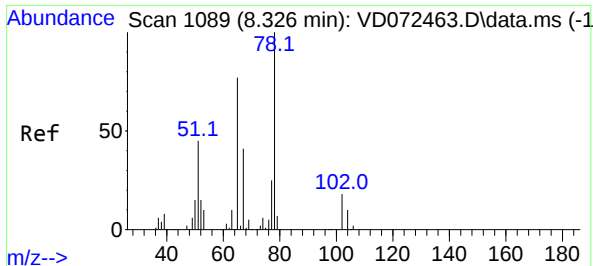
Ion Ratio Lower Upper

56 100

69 20.5 25.4 38.2#

84 67.4 63.0 94.4

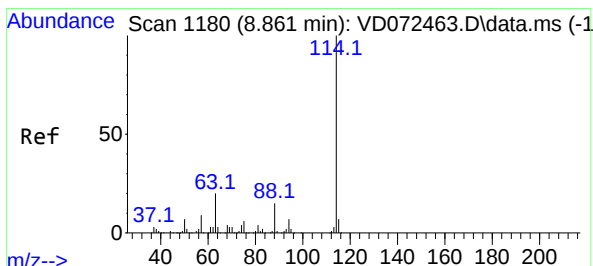
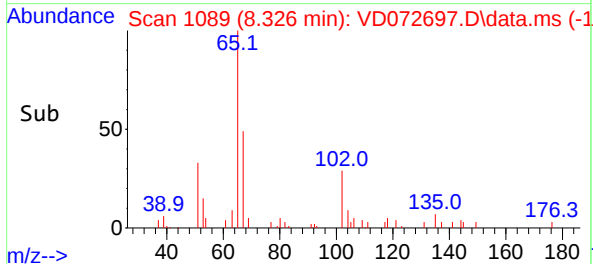
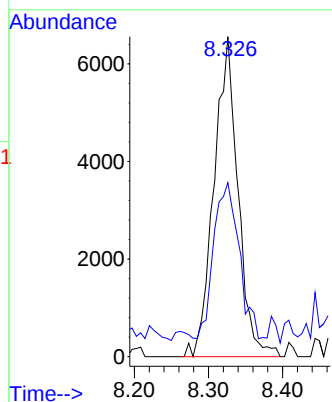
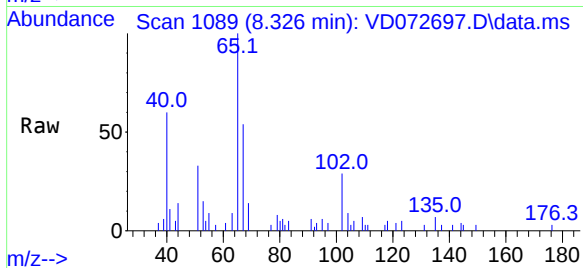




#33
1,2-Dichloroethane-d4
Concen: 65.479 ug/l
RT: 8.326 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

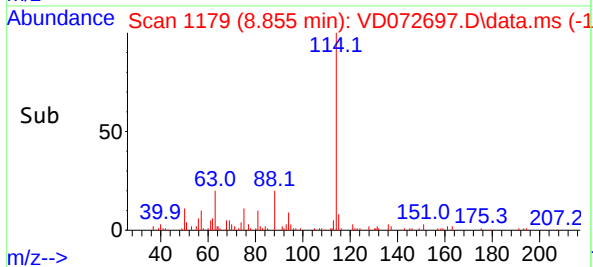
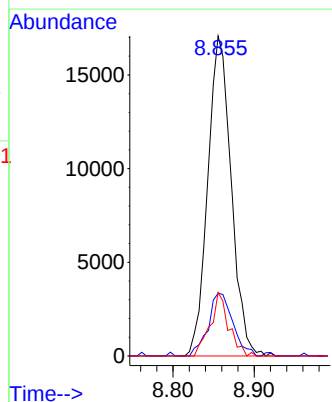
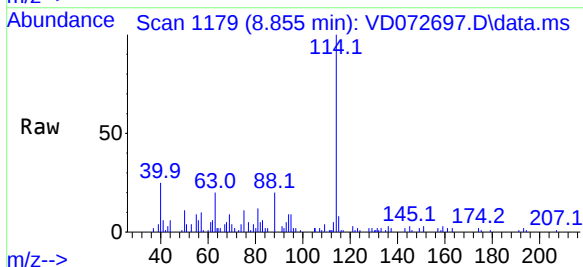
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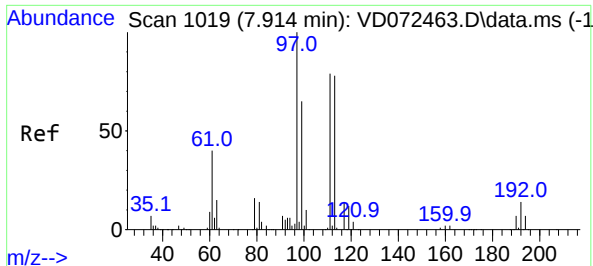
Tgt Ion: 65 Resp: 14779
Ion Ratio Lower Upper
65 100
67 55.4 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion:114 Resp: 34277
Ion Ratio Lower Upper
114 100
63 19.6 0.0 46.6
88 19.9 0.0 33.2

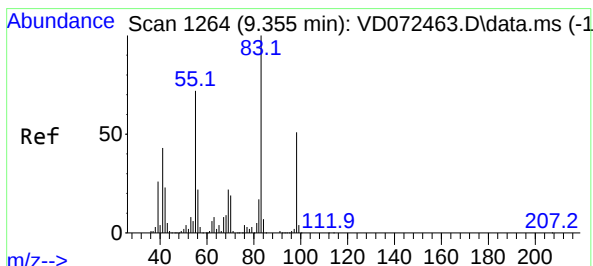
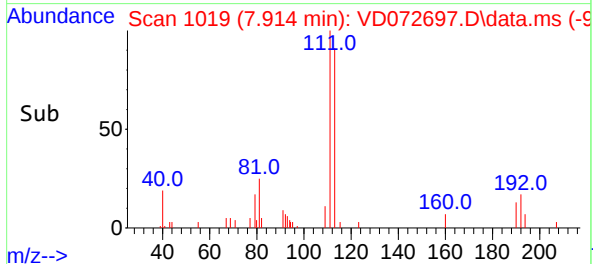
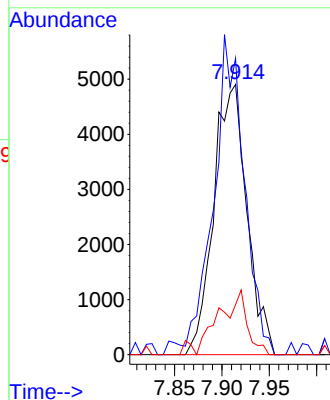
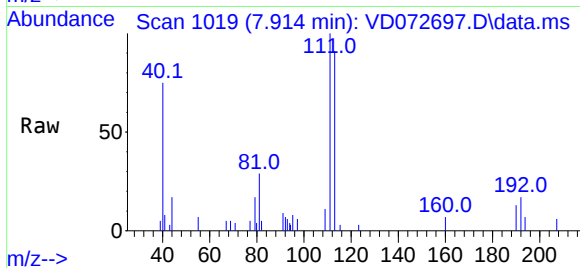




#35
Dibromofluoromethane
Concen: 45.048 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

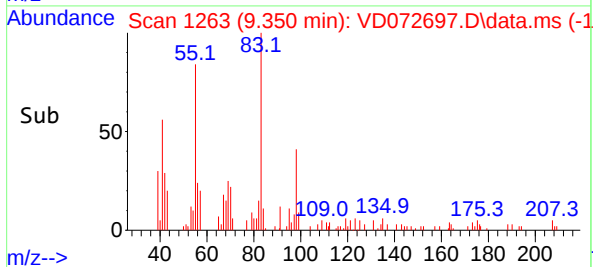
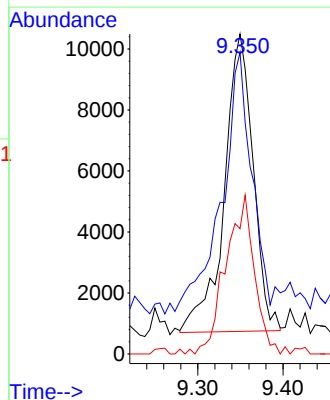
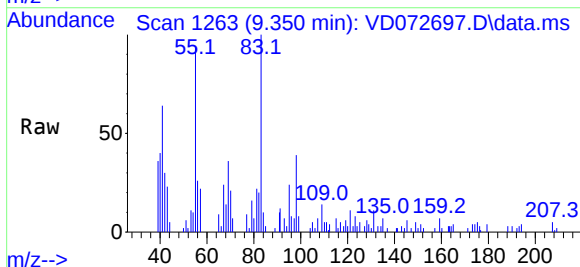
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

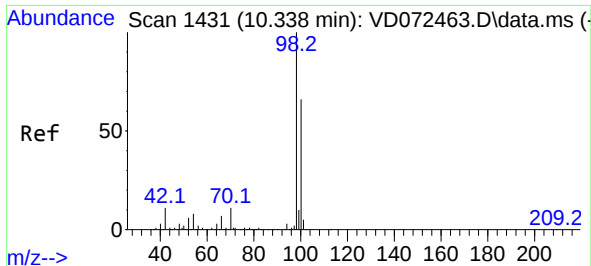
Tgt Ion:	113	Resp:	12000
Ion	Ratio	Lower	Upper
113	100		
111	110.3	83.8	125.6
192	20.1	14.6	21.8



#39
Methylcyclohexane
Concen: 57.602 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.005 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion:	83	Resp:	23020
Ion	Ratio	Lower	Upper
83	100		
55	83.9	63.2	94.8
98	42.2	38.2	57.4

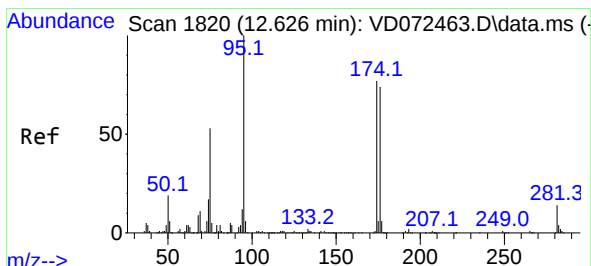
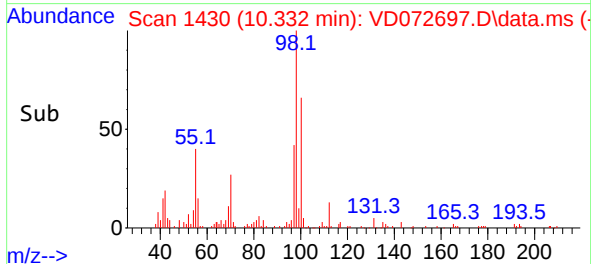
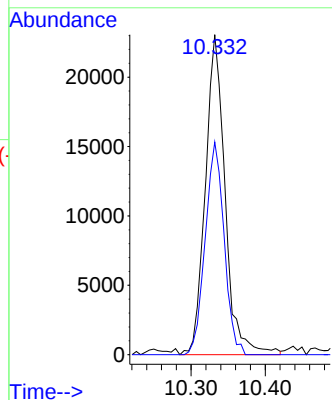
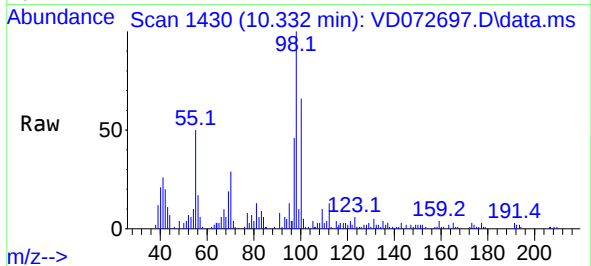




#50
Toluene-d8
Concen: 46.199 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

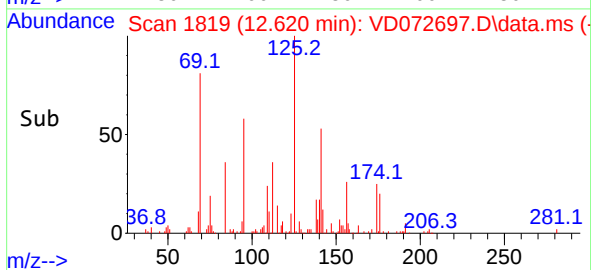
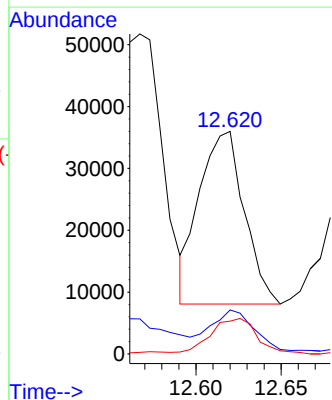
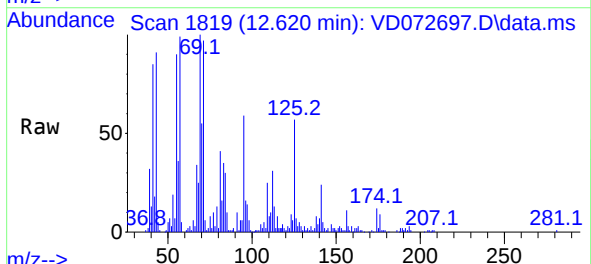
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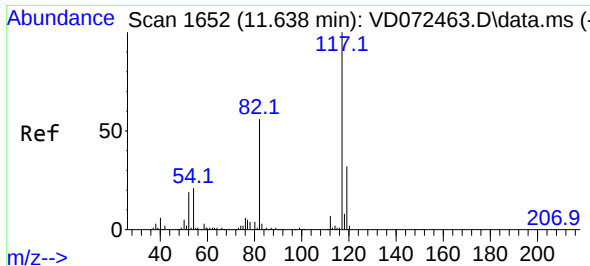
Tgt Ion: 98 Resp: 42778
Ion Ratio Lower Upper
98 100
100 63.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 141.610 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 95 Resp: 51210
Ion Ratio Lower Upper
95 100
174 23.0 0.0 152.8
176 21.2 0.0 145.4

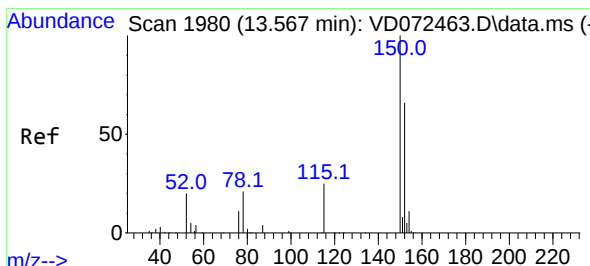
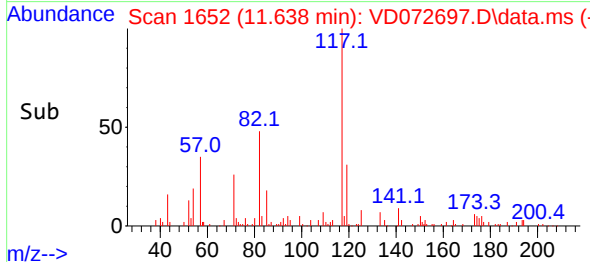
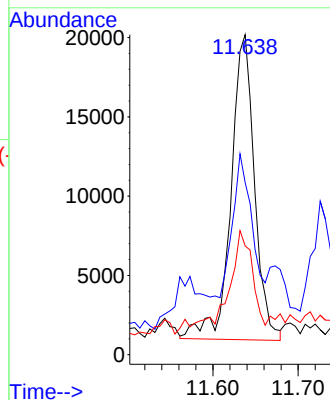
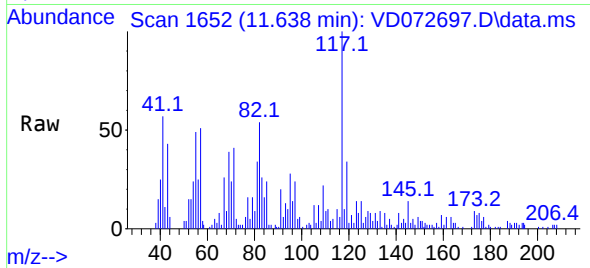




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

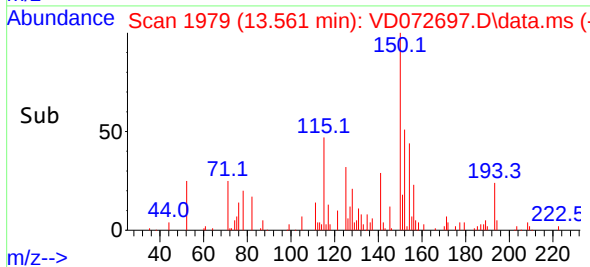
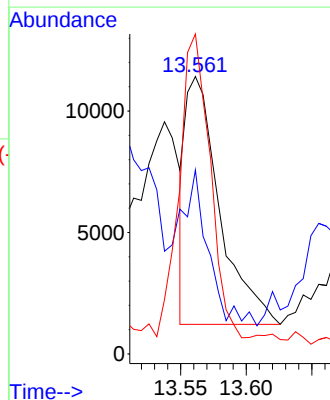
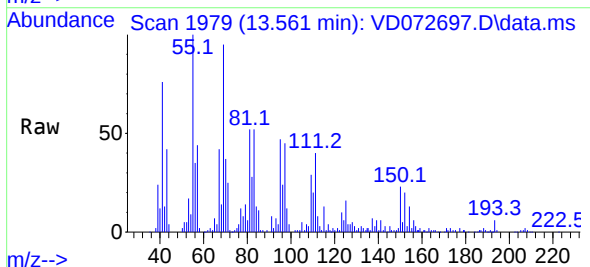
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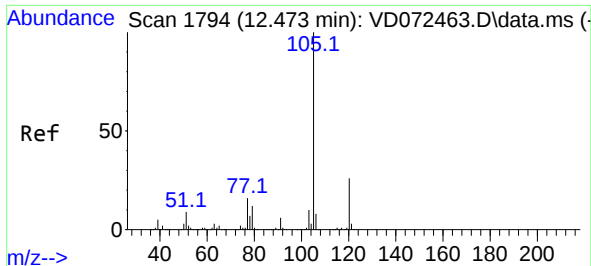
Tgt Ion:117 Resp: 37040
Ion Ratio Lower Upper
117 100
82 31.2 45.3 67.9#
119 27.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion:152 Resp: 18424
Ion Ratio Lower Upper
152 100
115 48.8 31.3 93.8
150 112.5 0.0 348.6

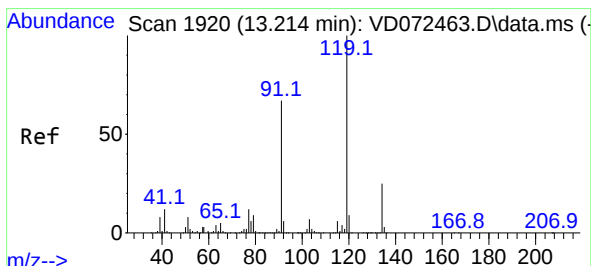
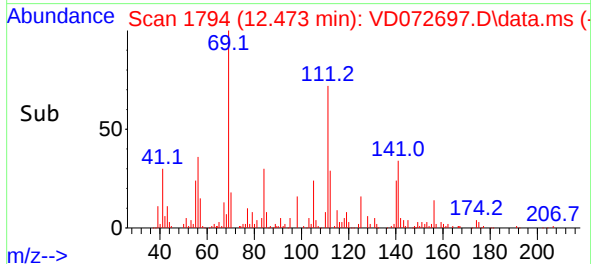
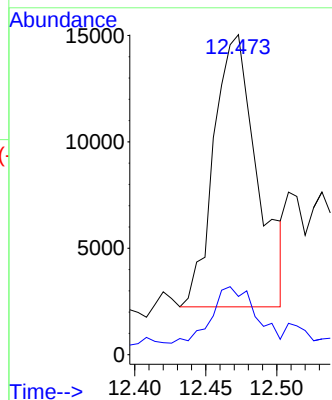
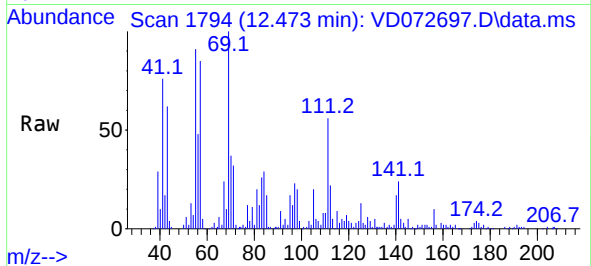




#73
Isopropylbenzene
Concen: 18.219 ug/l
RT: 12.473 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

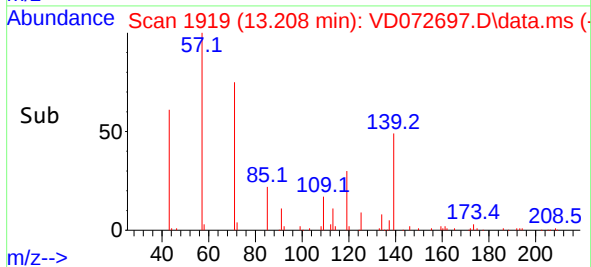
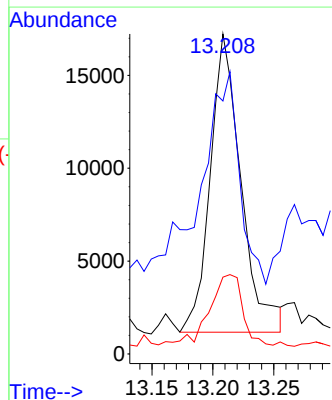
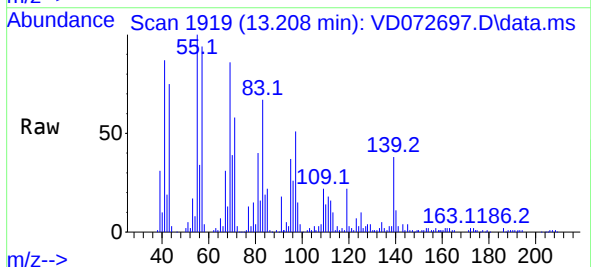
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

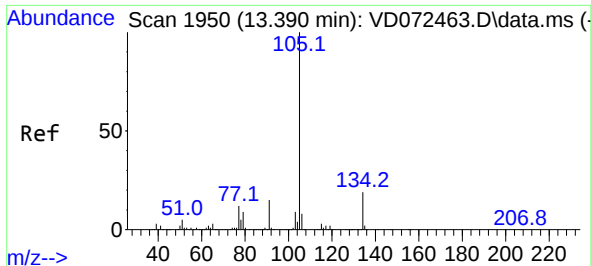
Tgt Ion:105 Resp: 27108
Ion Ratio Lower Upper
105 100
120 21.0 13.0 38.9



#83
tert-Butylbenzene
Concen: 25.553 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion:119 Resp: 28191
Ion Ratio Lower Upper
119 100
91 91.9 34.8 104.5
134 25.3 13.3 39.9





#85
 sec-Butylbenzene
 Concen: 74.148 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072697.D
 Acq: 22 Apr 2022 16:39

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-4

Tgt Ion:105 Resp: 123216
 Ion Ratio Lower Upper
 105 100
 134 35.7 9.8 29.3#

