

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
 Data File : VD072137.D
 Acq On : 01 Mar 2022 14:05
 Operator : VA/SY
 Sample : N1712-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 31421-22-23

Quant Time: Mar 02 06:09:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

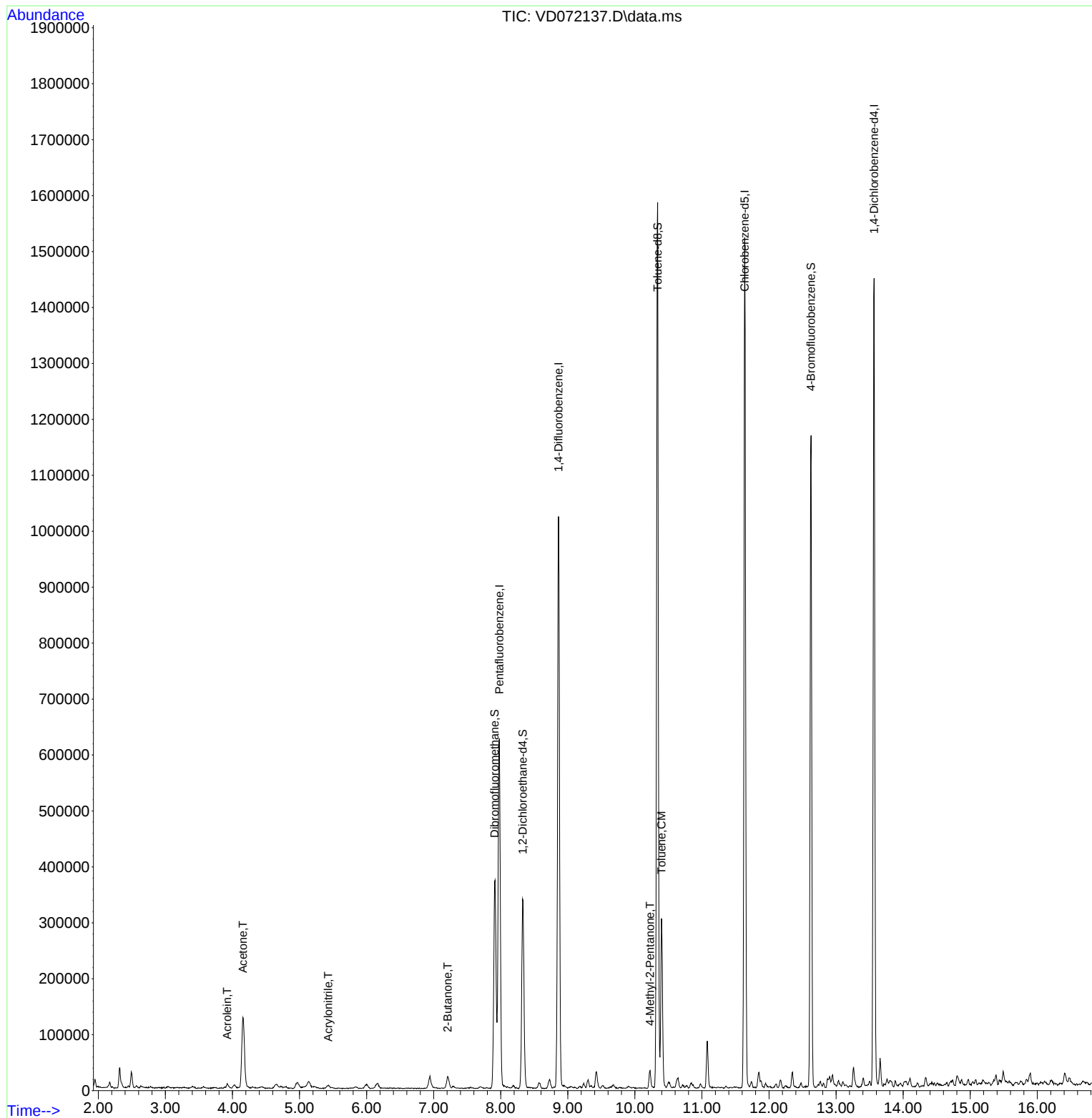
Internal Standards						
1) Pentafluorobenzene	7.979	168	463616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	864912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	850023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	379833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267038	55.528	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.060%			
35) Dibromofluoromethane	7.908	113	275222	52.521	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.040%			
50) Toluene-d8	10.338	98	1068026	54.959	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.920%			
62) 4-Bromofluorobenzene	12.626	95	388238	54.388	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.780%			
Target Compounds						
13) Acrolein	3.920	56	8442	15.602	ug/l	90
15) Acrylonitrile	5.426	53	6354	5.402	ug/l #	86
16) Acetone	4.156	43	231828	223.056	ug/l	100
25) 2-Butanone	7.208	43	31914	22.217	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	23257	6.402	ug/l	97
52) Toluene	10.397	92	130268	9.088	ug/l	98

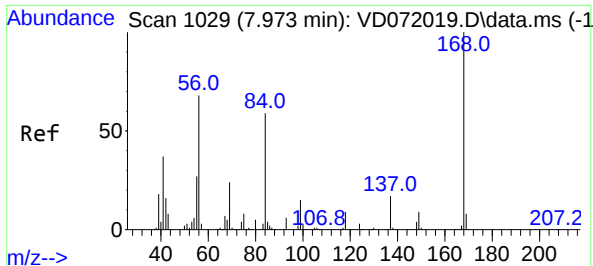
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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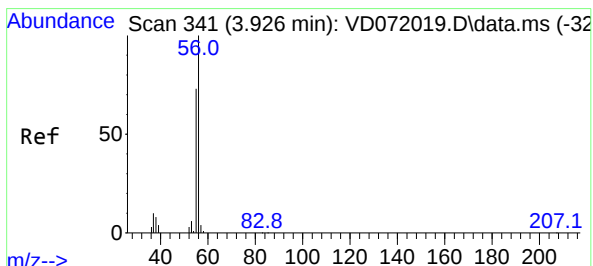
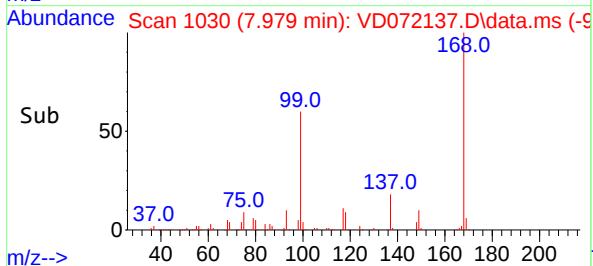
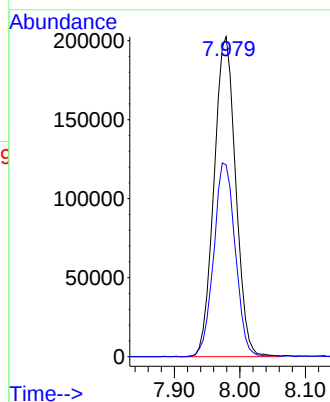
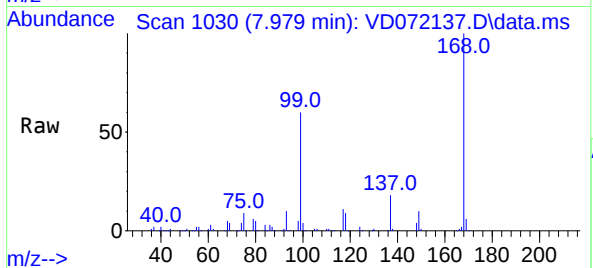




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072137.D
Acq: 01 Mar 2022 14:05

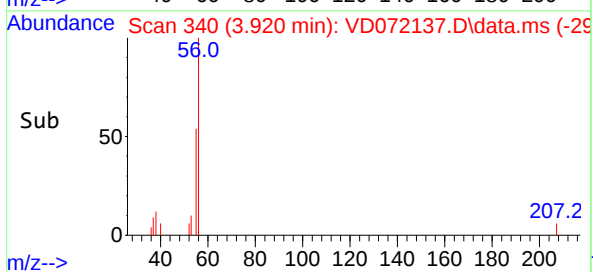
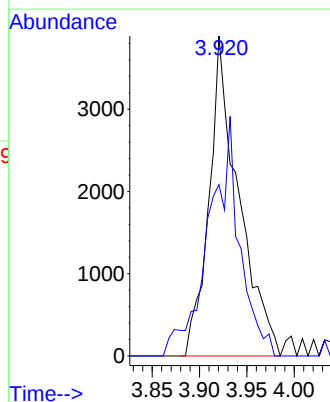
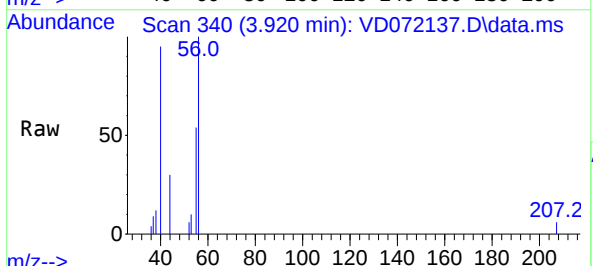
Instrument :
MSVOA_D
ClientSampleId :
31421-22-23

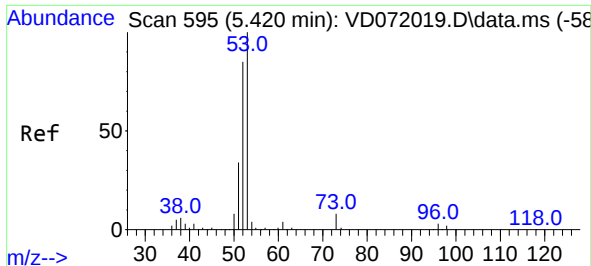
Tgt Ion:168 Resp: 463616
Ion Ratio Lower Upper
168 100
99 59.9 47.1 70.7



#13
Acrolein
Concen: 15.602 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD072137.D
Acq: 01 Mar 2022 14:05

Tgt Ion: 56 Resp: 8442
Ion Ratio Lower Upper
56 100
55 77.6 55.8 83.6

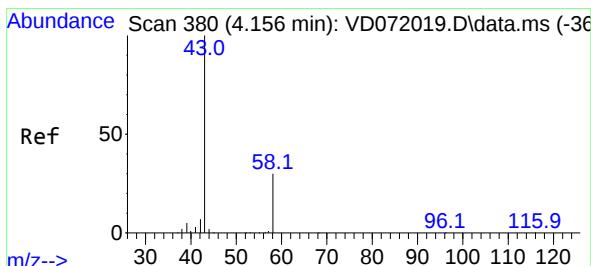
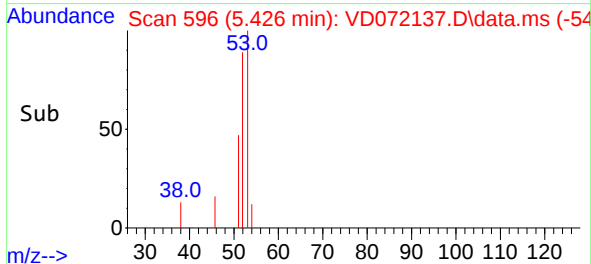
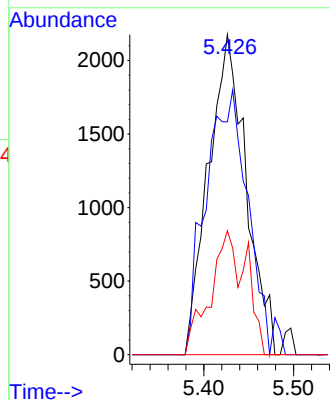
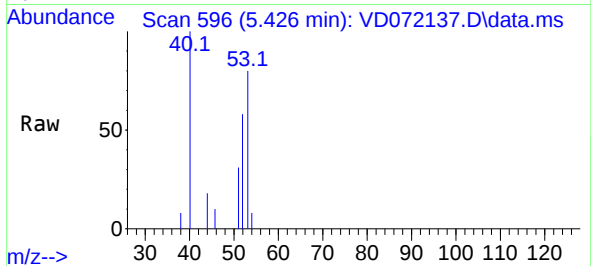




#15
Acrylonitrile
Concen: 5.402 ug/l
RT: 5.426 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD072137.D
Acq: 01 Mar 2022 14:05

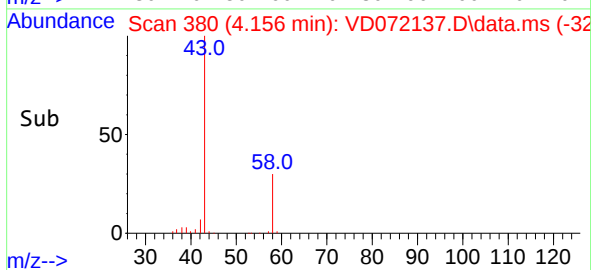
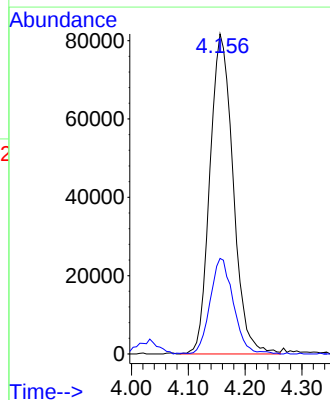
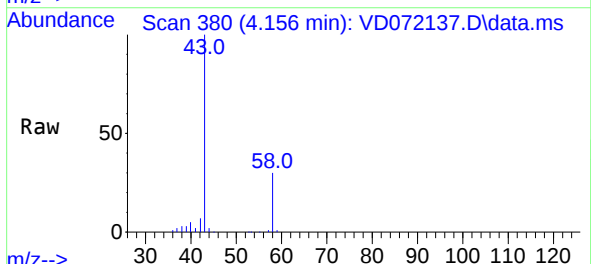
Instrument :
MSVOA_D
ClientSampleId :
31421-22-23

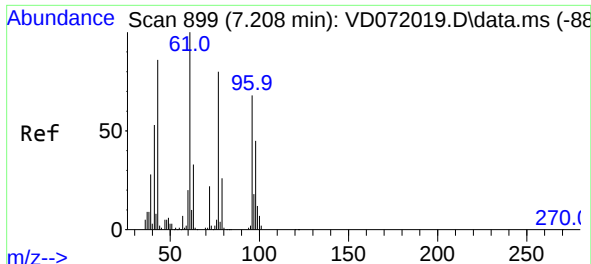
Tgt Ion:	53	Resp:	6354
Ion	Ratio	Lower	Upper
53	100		
52	92.9	65.8	98.6
51	26.5	29.4	44.0



#16
Acetone
Concen: 223.056 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072137.D
Acq: 01 Mar 2022 14:05

Tgt Ion:	43	Resp:	231828
Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.8	35.6

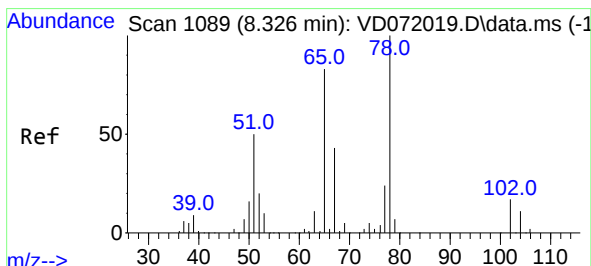
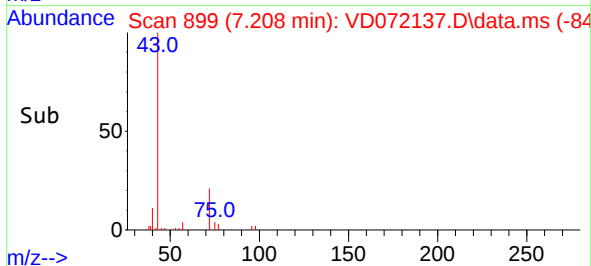
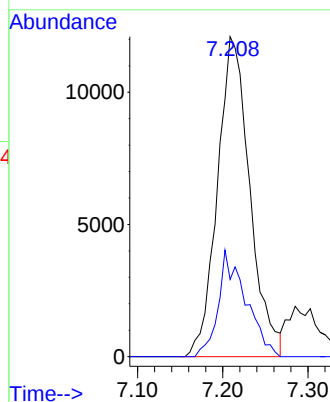
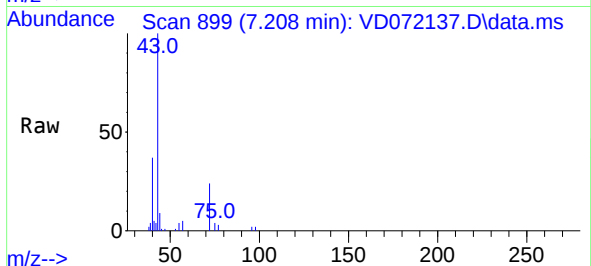




#25
2-Butanone
Concen: 22.217 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072137.D
Acq: 01 Mar 2022 14:05

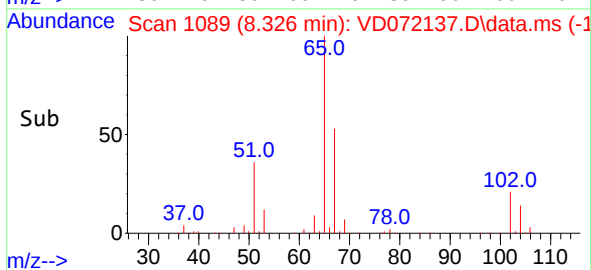
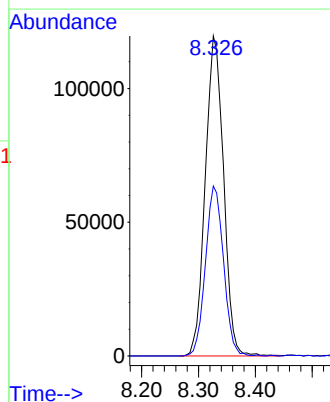
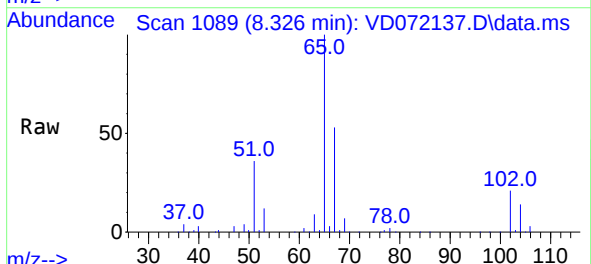
Instrument :
MSVOA_D
ClientSampleId :
31421-22-23

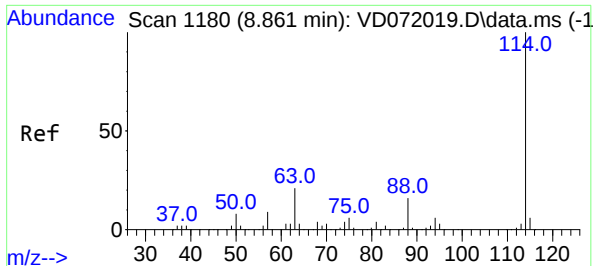
Tgt Ion: 43 Resp: 31914
Ion Ratio Lower Upper
43 100
72 24.1 20.3 30.5



#33
1,2-Dichloroethane-d4
Concen: 55.528 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072137.D
Acq: 01 Mar 2022 14:05

Tgt Ion: 65 Resp: 267038
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.6

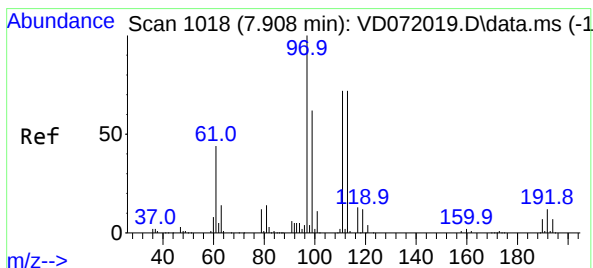
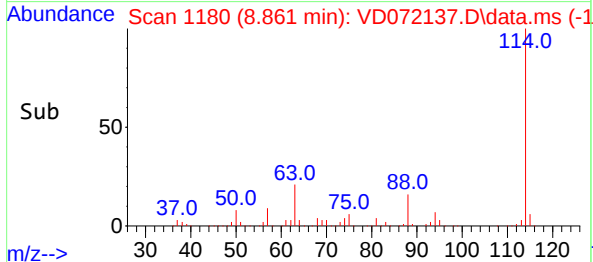
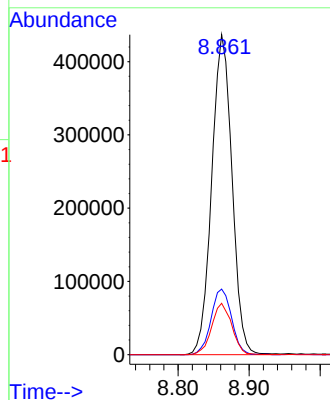
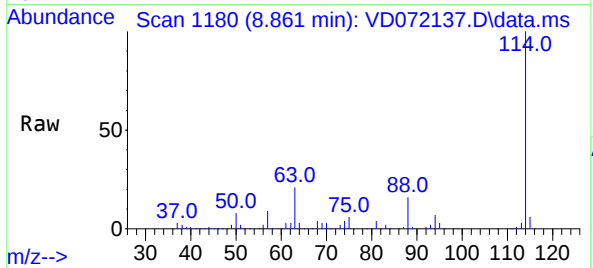




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072137.D
Acq: 01 Mar 2022 14:05

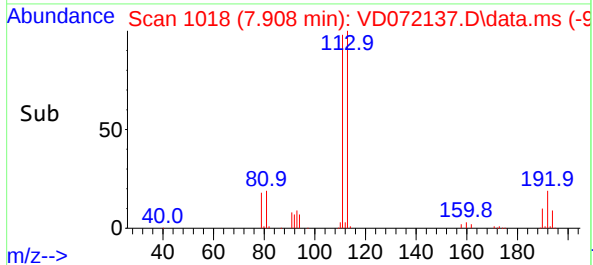
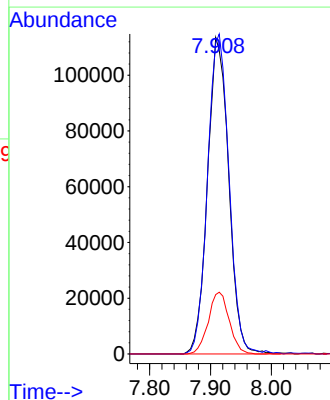
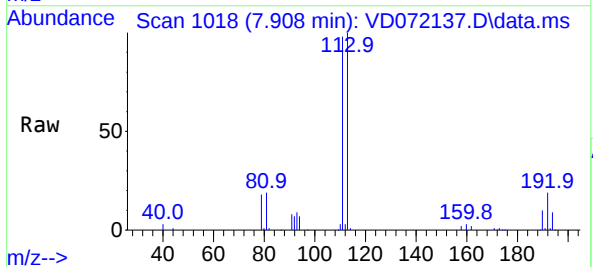
Instrument :
MSVOA_D
ClientSampleId :
31421-22-23

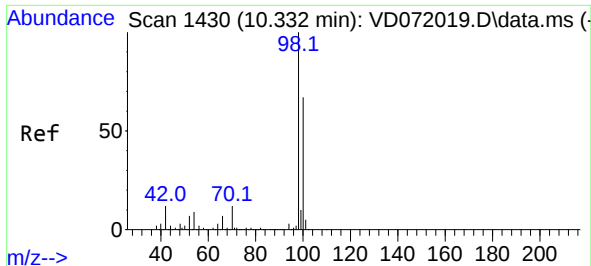
Tgt Ion:114 Resp: 864912
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.2
88 16.1 0.0 31.2



#35
Dibromofluoromethane
Concen: 52.521 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072137.D
Acq: 01 Mar 2022 14:05

Tgt Ion:113 Resp: 275222
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.4
192 19.2 15.3 22.9

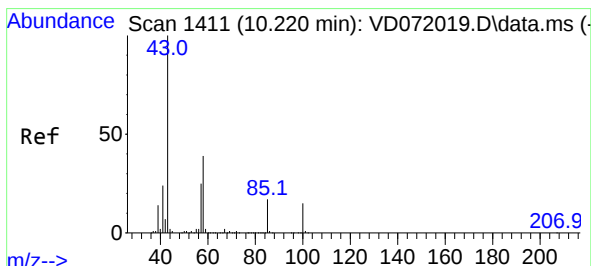
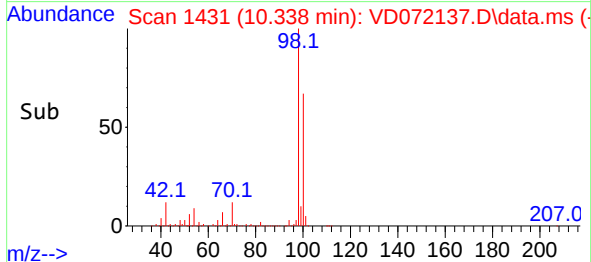
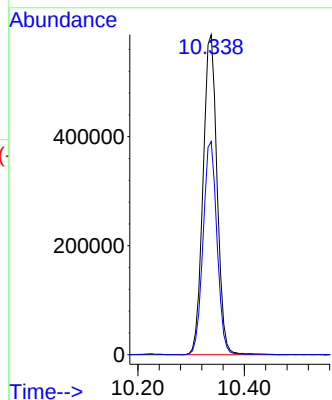
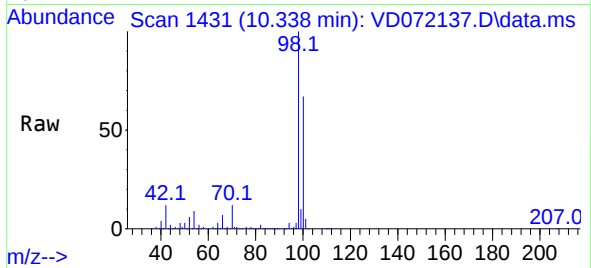




#50
Toluene-d8
Concen: 54.959 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072137.D
Acq: 01 Mar 2022 14:05

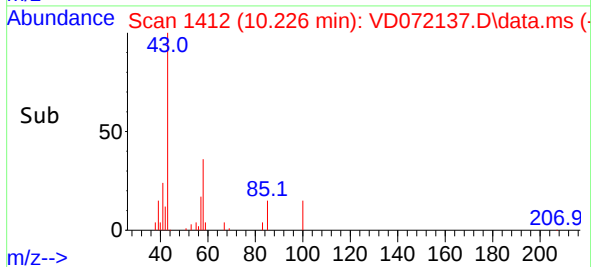
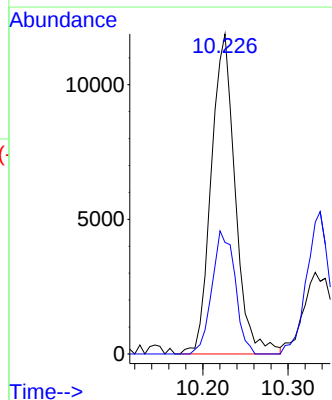
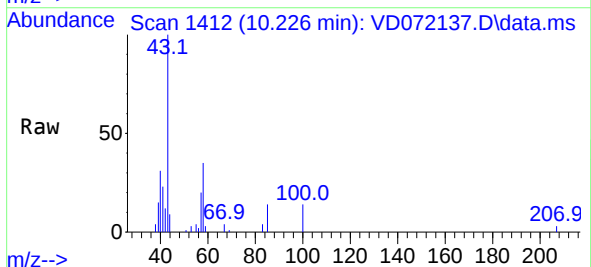
Instrument :
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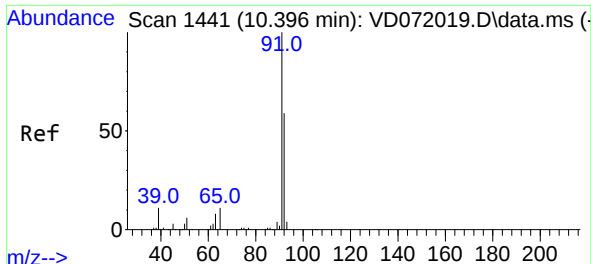
Tgt Ion: 98 Resp: 1068026
Ion Ratio Lower Upper
98 100
100 66.2 53.8 80.6



#51
4-Methyl-2-Pentanone
Concen: 6.402 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.006 min
Lab File: VD072137.D
Acq: 01 Mar 2022 14:05

Tgt Ion: 43 Resp: 23257
Ion Ratio Lower Upper
43 100
58 36.8 30.8 46.2

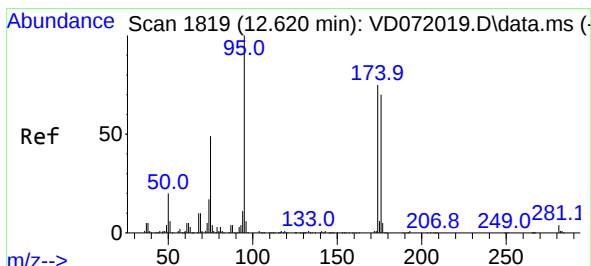
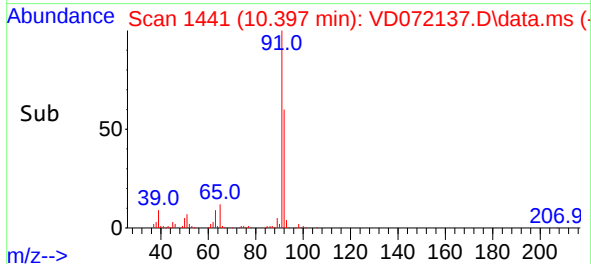
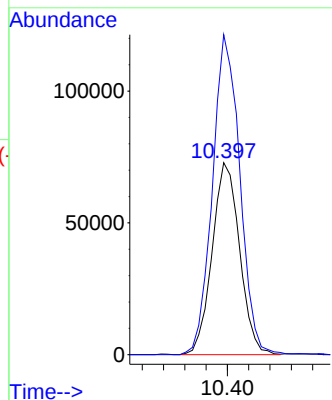
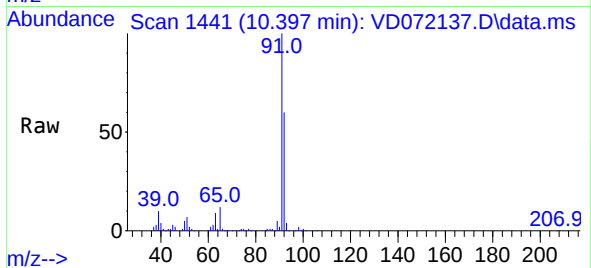




#52
Toluene
Concen: 9.088 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072137.D
Acq: 01 Mar 2022 14:05

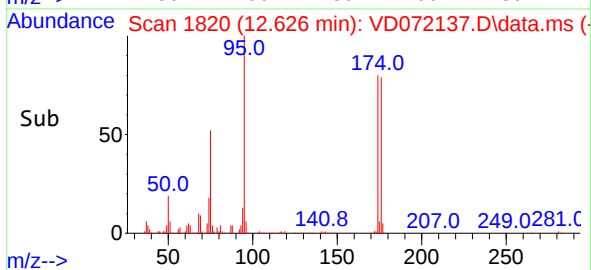
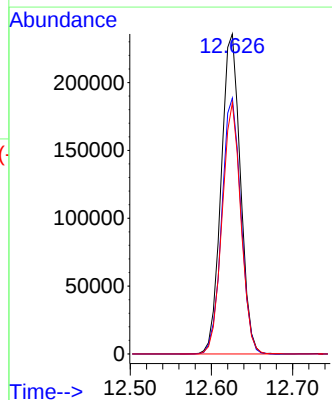
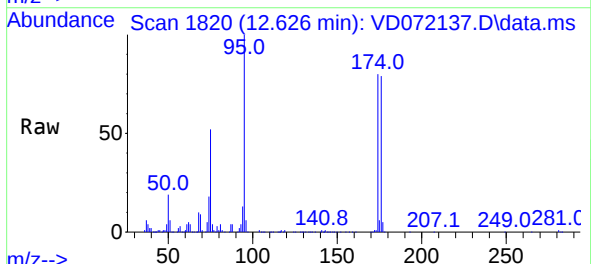
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31421-22-23

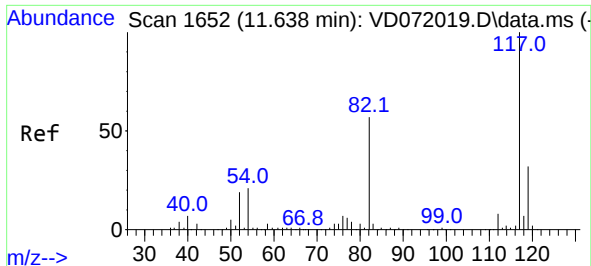
Tgt Ion: 92 Resp: 130268
Ion Ratio Lower Upper
92 100
91 166.3 135.6 203.4



#62
4-Bromofluorobenzene
Concen: 54.388 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072137.D
Acq: 01 Mar 2022 14:05

Tgt Ion: 95 Resp: 388238
Ion Ratio Lower Upper
95 100
174 79.5 0.0 155.0
176 76.4 0.0 148.8

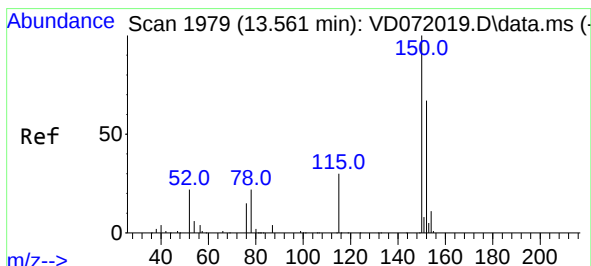
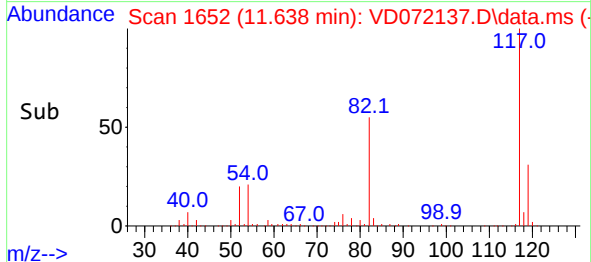
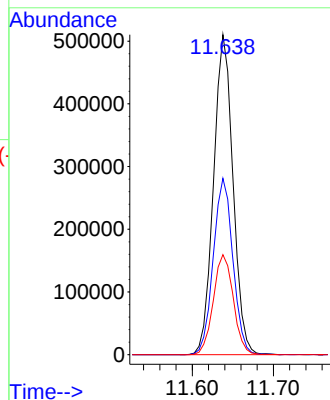
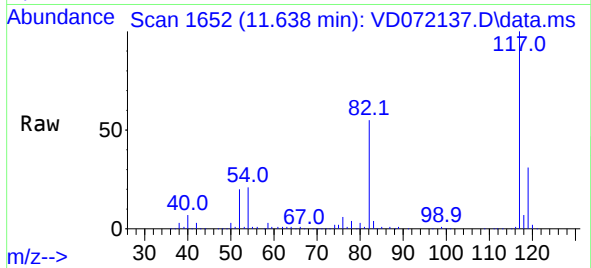




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072137.D
Acq: 01 Mar 2022 14:05

Instrument :
MSVOA_D
ClientSampleId :
31421-22-23

Tgt Ion:117 Resp: 850023
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072137.D
Acq: 01 Mar 2022 14:05

Tgt Ion:152 Resp: 379833
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.7
150 157.7 0.0 347.6

