

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021017.D
 Acq On : 04 Mar 2021 16:22
 Operator : JC/MD
 Sample : M1553-08DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1729DL

Quant Time: Mar 05 01:22:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

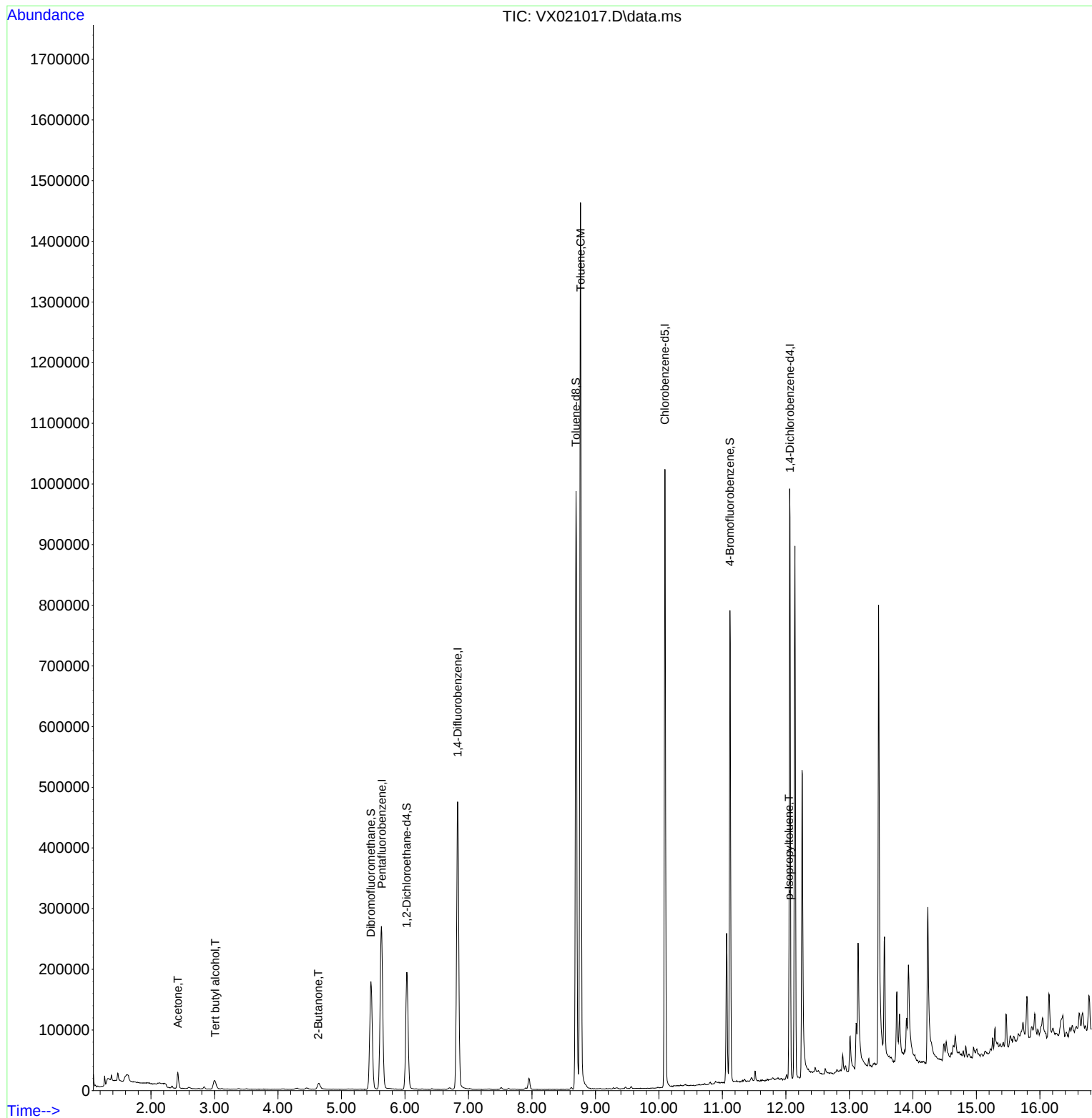
Internal Standards						
1) Pentafluorobenzene	5.635	168	263717	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	505088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	467501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	204800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	181510	50.96	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.92%	
35) Dibromofluoromethane	5.464	113	157520	51.33	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.66%	
50) Toluene-d8	8.694	98	616684	51.54	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.08%	
62) 4-Bromofluorobenzene	11.118	95	223003	50.40	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.80%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.011	59	17230	21.72	ug/l	98
16) Acetone	2.423	43	28011	19.08	ug/l	100
25) 2-Butanone	4.635	43	7049	3.16	ug/l	95
52) Toluene	8.765	92	574618	64.12	ug/l	97
86) p-Isopropyltoluene	12.047	119	7269	0.51	ug/l	87

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

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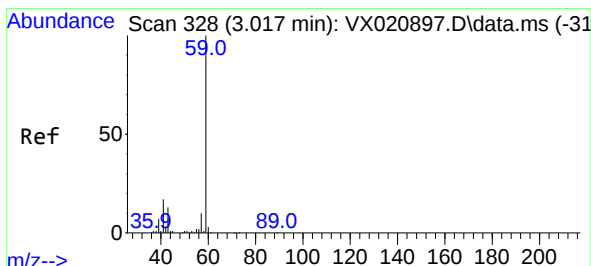
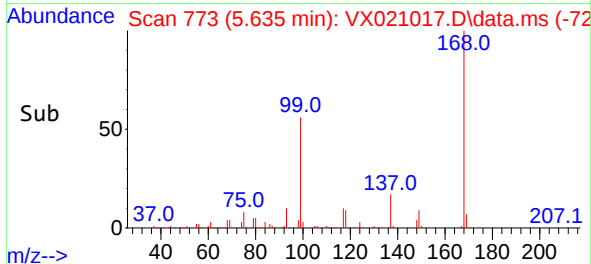
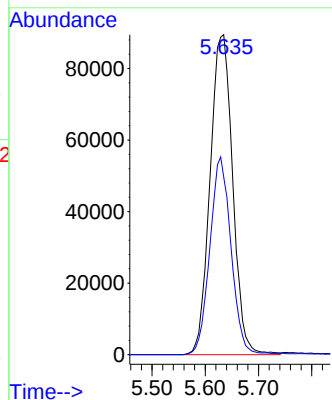
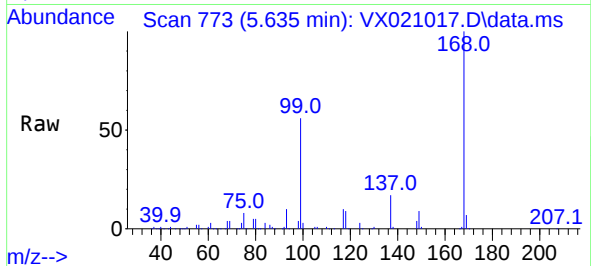




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

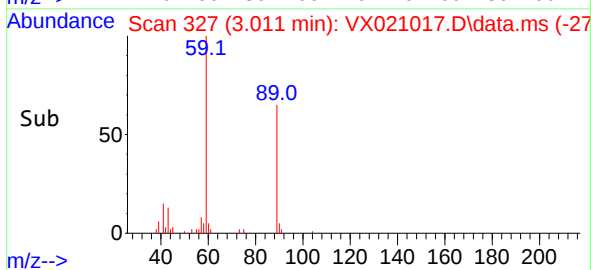
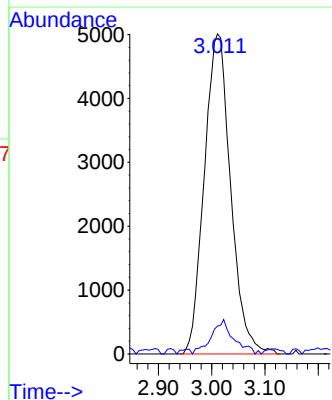
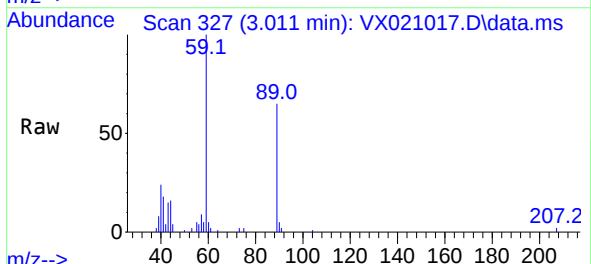
Instrument :
MSVOA_X
ClientSampled :
1729DL

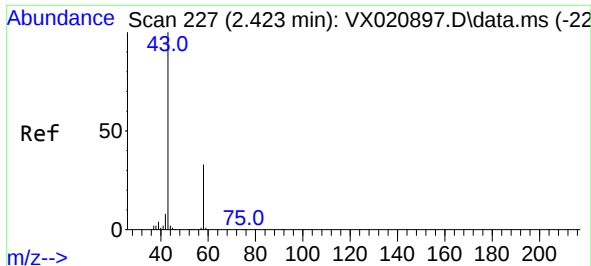
Tgt Ion:168 Resp: 263717
Ion Ratio Lower Upper
168 100
99 55.5 45.8 68.6



#11
Tert butyl alcohol
Concen: 21.72 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Tgt Ion: 59 Resp: 17230
Ion Ratio Lower Upper
59 100
57 9.1 7.8 11.8

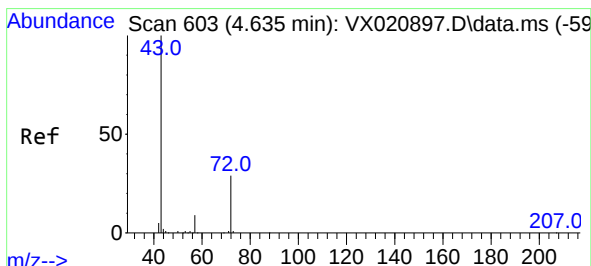
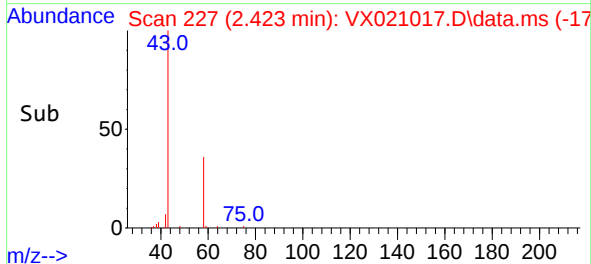
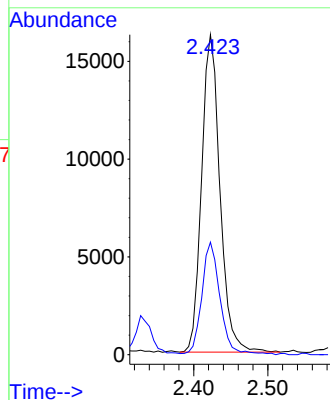
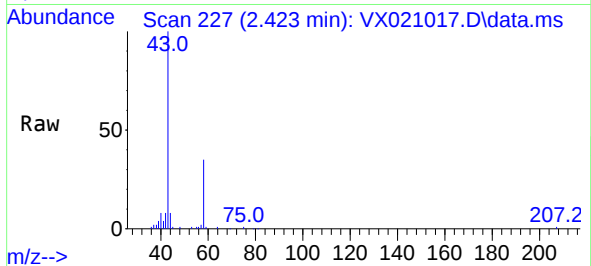




#16
Acetone
Concen: 19.08 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

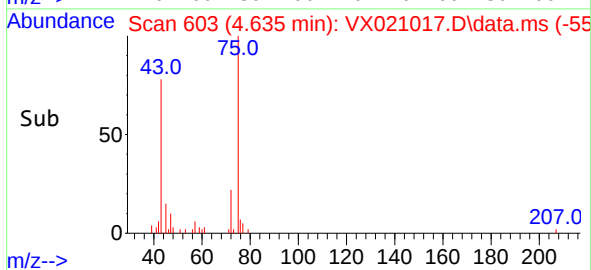
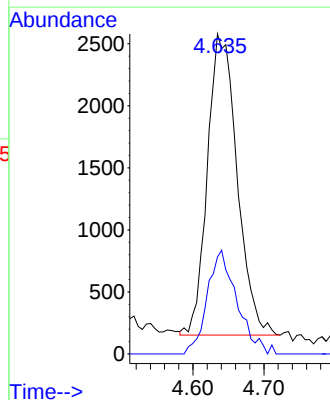
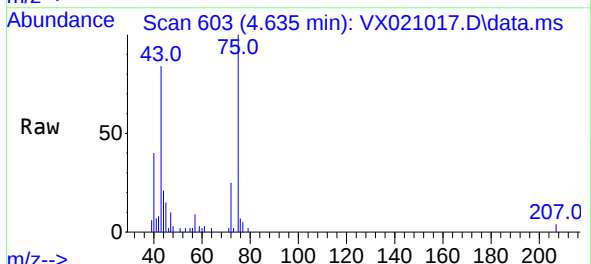
Instrument :
MSVOA_X
ClientSampled :
1729DL

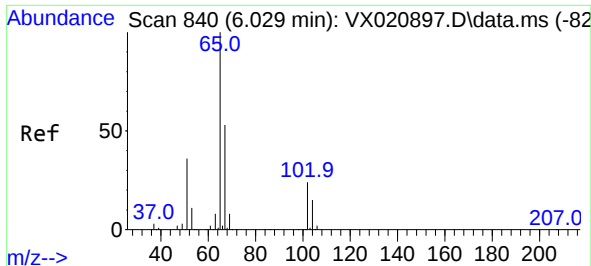
Tgt Ion: 43 Resp: 28011
Ion Ratio Lower Upper
43 100
58 35.1 27.8 41.8



#25
2-Butanone
Concen: 3.16 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Tgt Ion: 43 Resp: 7049
Ion Ratio Lower Upper
43 100
72 32.2 23.7 35.5



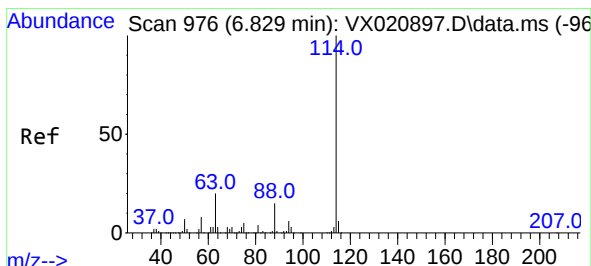
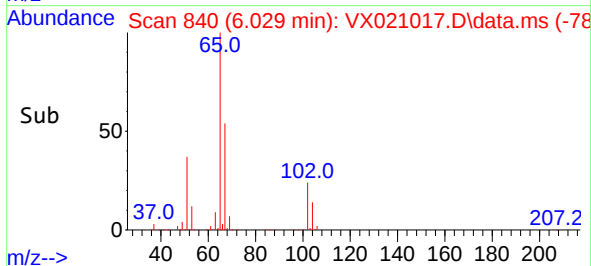
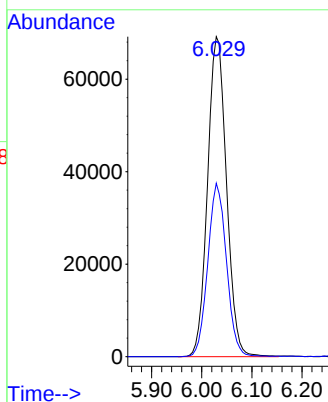
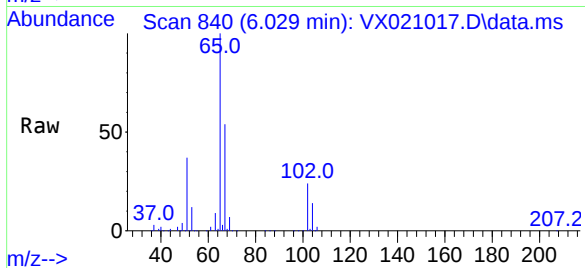


#33

1,2-Dichloroethane-d4
Concen: 50.96 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Instrument :
MSVOA_X
ClientSampleId :
1729DL

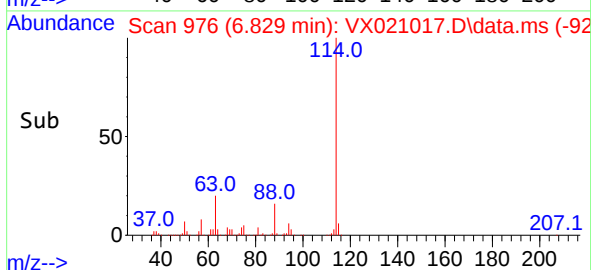
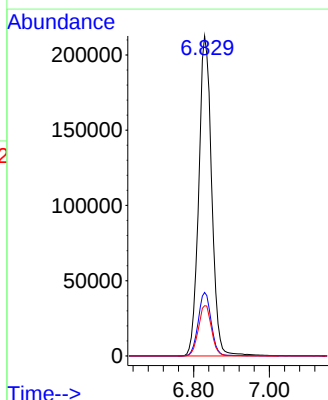
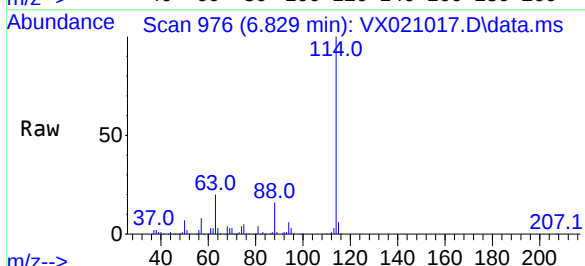
Tgt Ion: 65 Resp: 181510
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

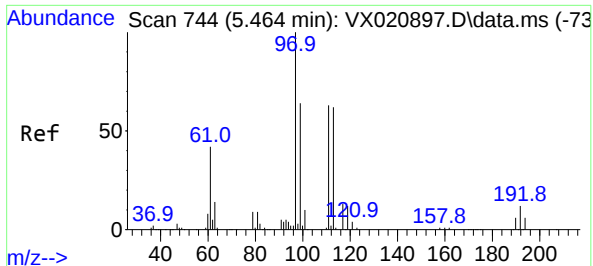


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Tgt Ion: 114 Resp: 505088
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.7 0.0 32.8

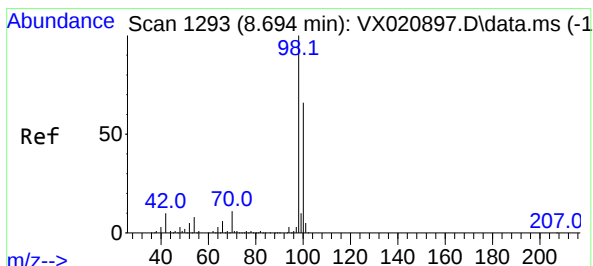
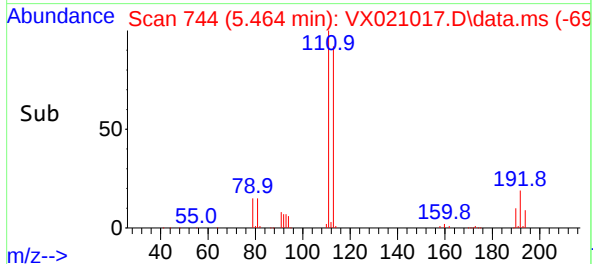
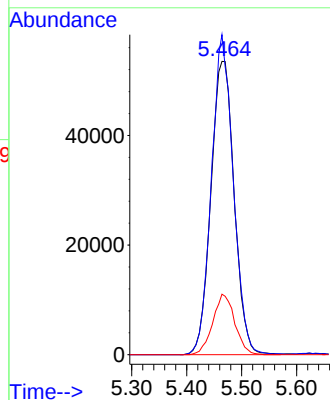
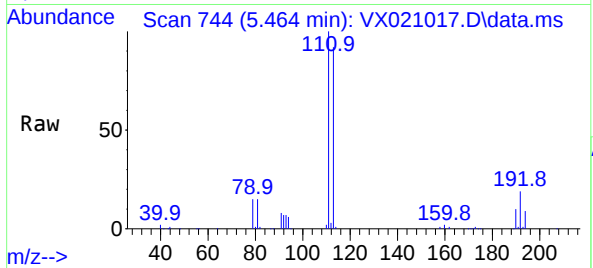




#35
Dibromofluoromethane
Concen: 51.33 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

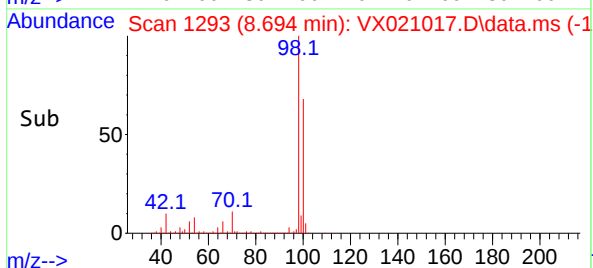
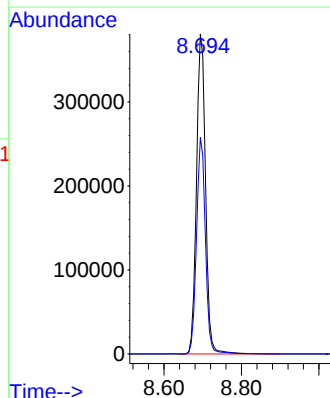
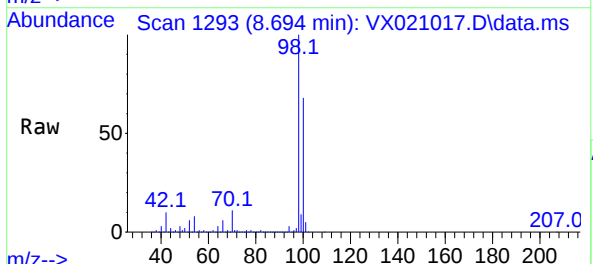
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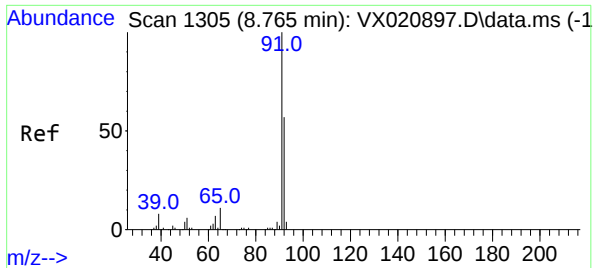
Tgt Ion:113 Resp: 157520
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.5 16.7 25.1



#50
Toluene-d8
Concen: 51.54 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Tgt Ion: 98 Resp: 616684
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9

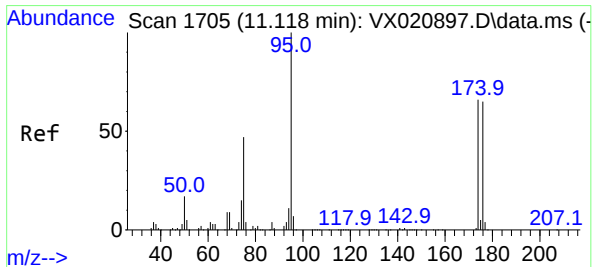
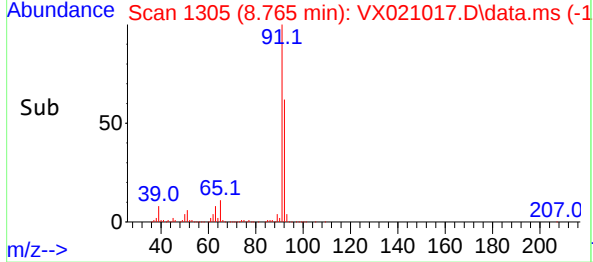
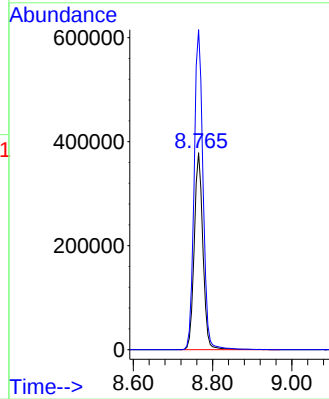
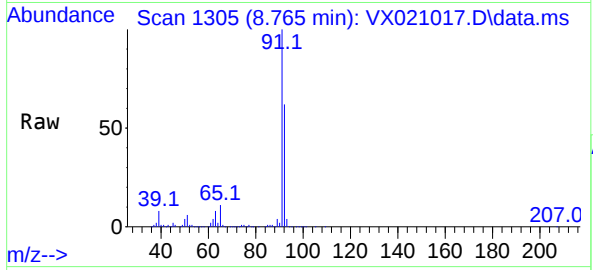




#52
Toluene
Concen: 64.12 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

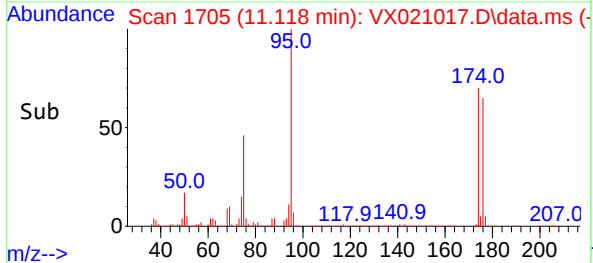
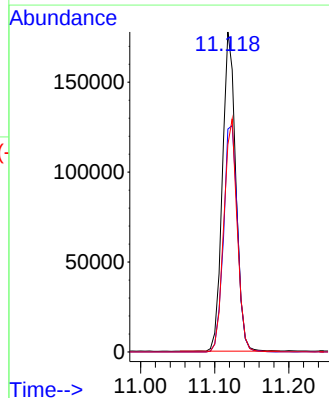
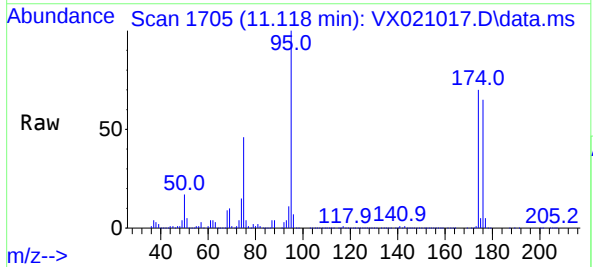
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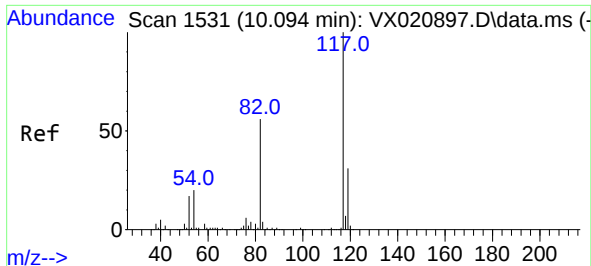
Tgt Ion: 92 Resp: 574618
Ion Ratio Lower Upper
92 100
91 167.2 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 50.40 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Tgt Ion: 95 Resp: 223003
Ion Ratio Lower Upper
95 100
174 74.1 0.0 154.6
176 73.1 0.0 155.8

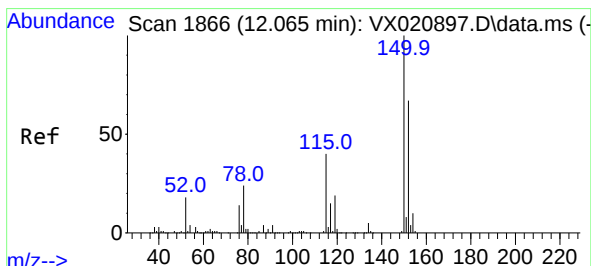
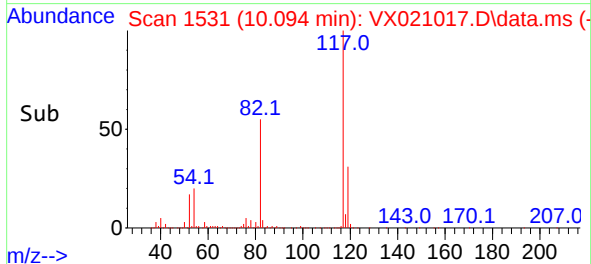
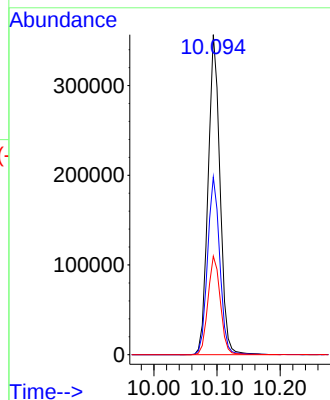
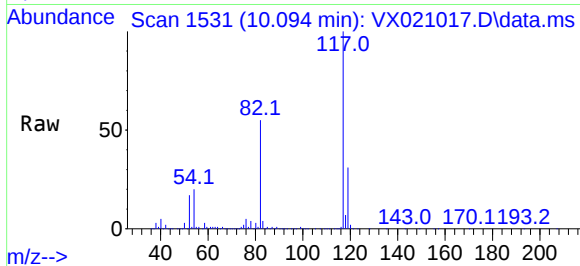




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

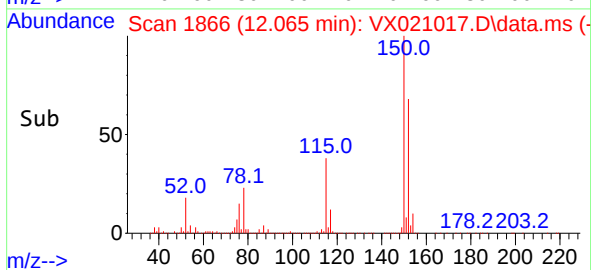
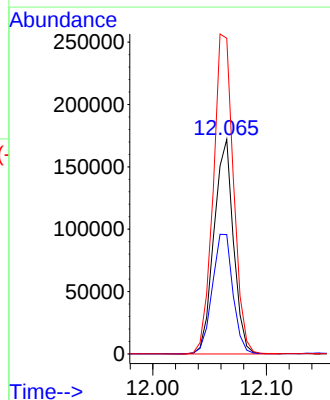
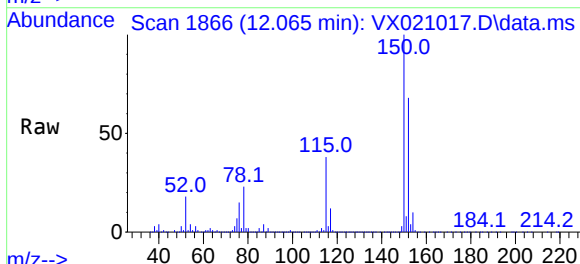
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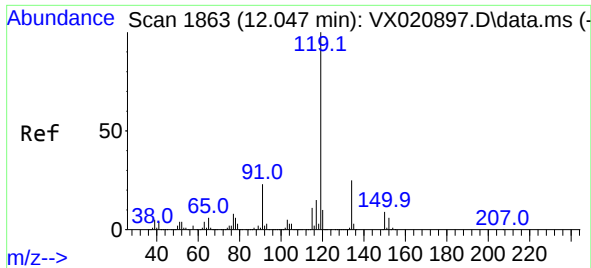
Tgt Ion:	117	Resp:	467501
Ion	Ratio	Lower	Upper
117	100		
82	55.5	47.4	71.2
119	30.8	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021017.D
Acq: 04 Mar 2021 16:22

Tgt Ion:	152	Resp:	204800
Ion	Ratio	Lower	Upper
152	100		
115	59.0	41.1	123.3
150	155.3	0.0	349.0





#86
 p-Isopropyltoluene
 Concen: 0.51 ug/l
 RT: 12.047 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VX021017.D
 Acq: 04 Mar 2021 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 1729DL

Tgt Ion:	119	Resp:	7269
Ion	Ratio	Lower	Upper
119	100		
134	29.2	12.9	38.7
91	32.7	11.7	35.0

