

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021639.D
 Acq On : 30 Mar 2021 18:49
 Operator : JC/MD
 Sample : M1861-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 021-OUTFALL

Quant Time: Mar 31 05:01:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

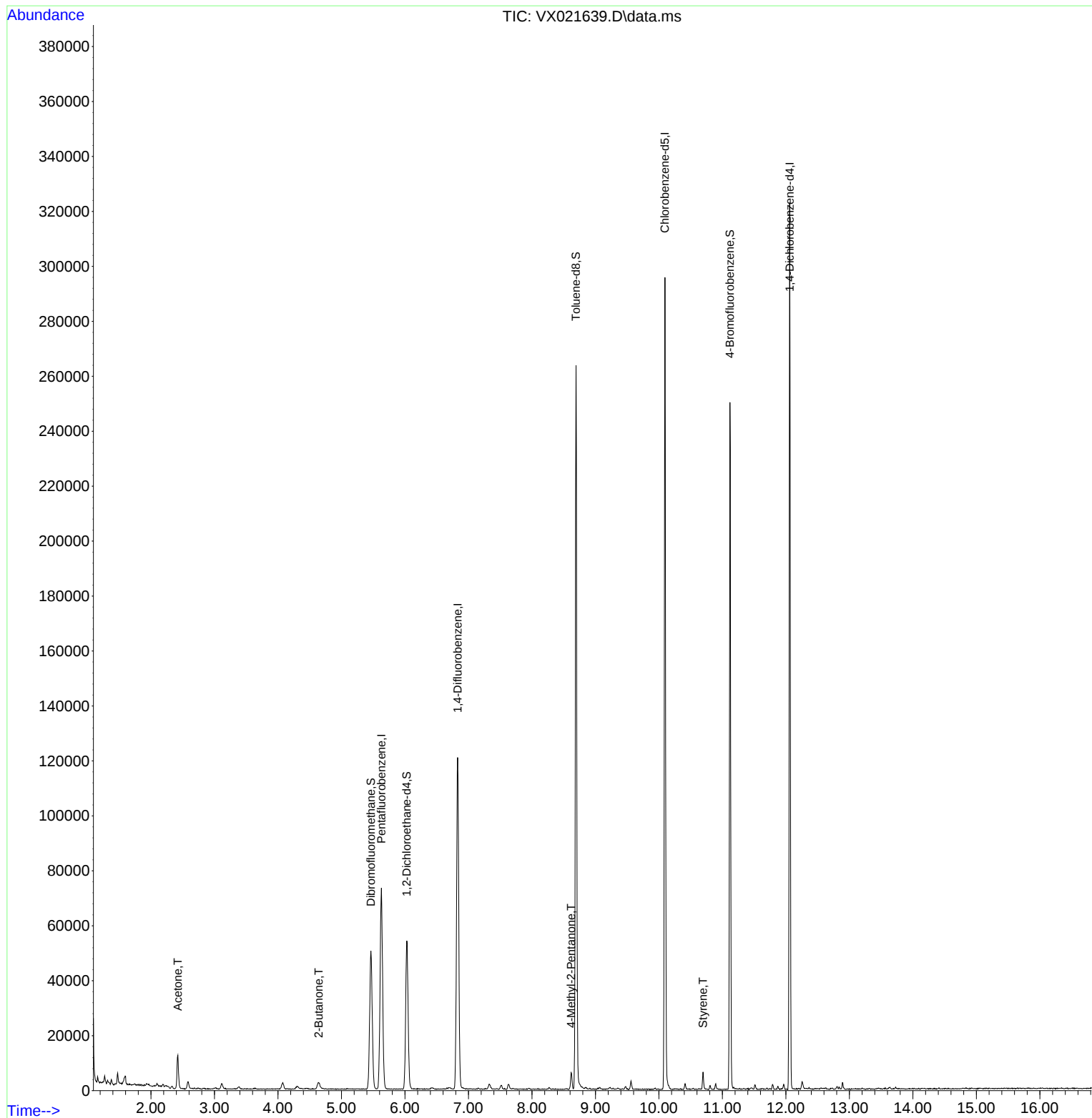
Internal Standards						
1) Pentafluorobenzene	5.629	168	61683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	113527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	121569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	57668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	54299	52.91	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.82%	
35) Dibromofluoromethane	5.464	113	41194	51.08	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.16%	
50) Toluene-d8	8.694	98	147808	51.44	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.88%	
62) 4-Bromofluorobenzene	11.118	95	62367	55.82	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.64%	
Target Compounds						Qvalue
16) Acetone	2.422	43	13037	33.60	ug/l	93
25) 2-Butanone	4.640	43	4460	7.58	ug/l #	85
51) 4-Methyl-2-Pentanone	8.617	43	3800	2.96	ug/l	87
70) Styrene	10.694	104	2228	0.84	ug/l #	90

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

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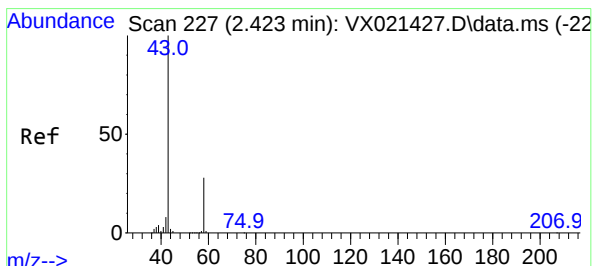
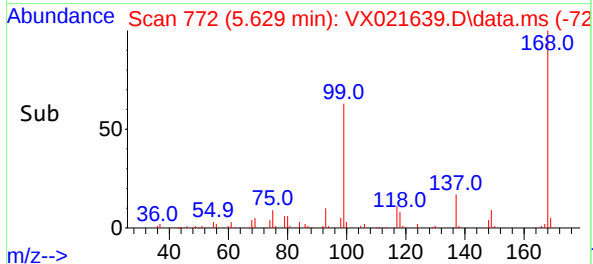
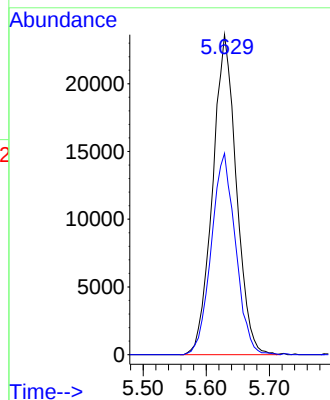
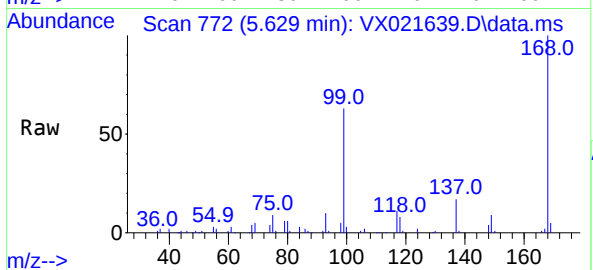




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

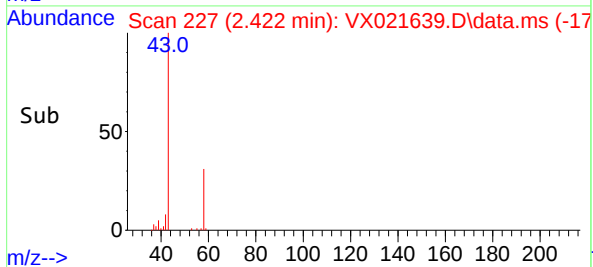
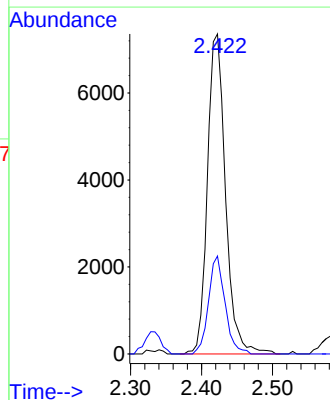
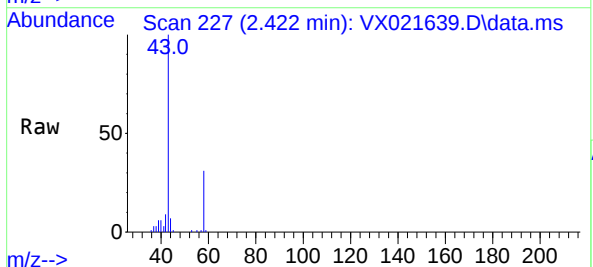
Instrument :
MSVOA_X
ClientSampleId :
021-OUTFALL

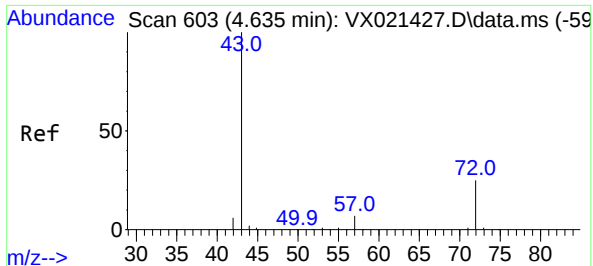
Tgt Ion:168 Resp: 61683
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.6



#16
Acetone
Concen: 33.60 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Tgt Ion: 43 Resp: 13037
Ion Ratio Lower Upper
43 100
58 30.6 27.8 41.8

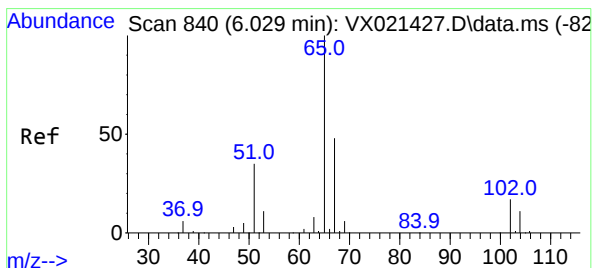
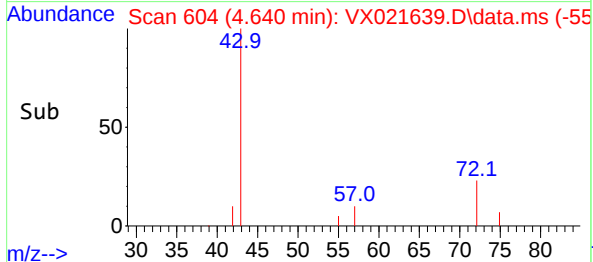
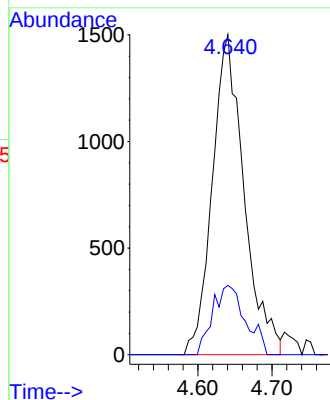
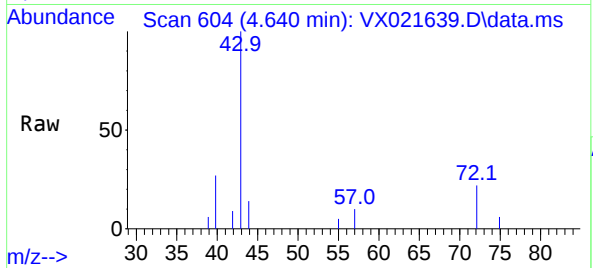




#25
2-Butanone
Concen: 7.58 ug/l
RT: 4.640 min Scan# 604
Delta R.T. 0.005 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

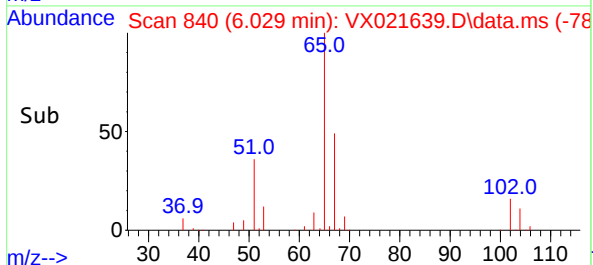
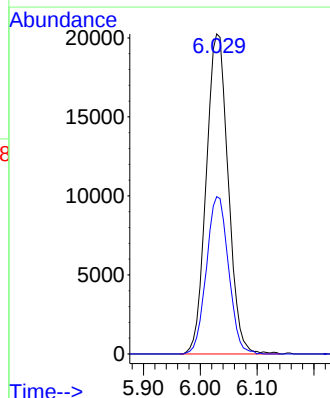
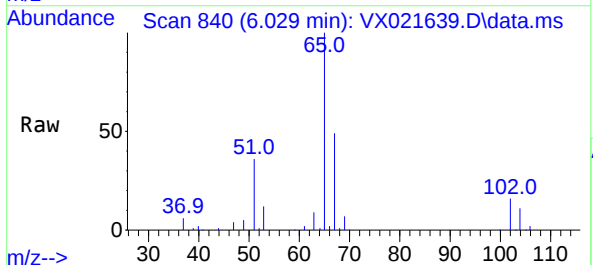
Instrument :
MSVOA_X
ClientSampleId :
021-OUTFALL

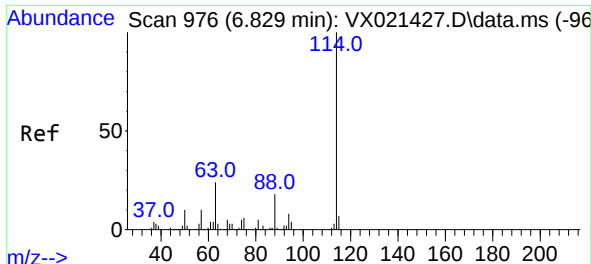
Tgt Ion: 43 Resp: 4460
Ion Ratio Lower Upper
43 100
72 21.7 23.7 35.5#



#33
1,2-Dichloroethane-d4
Concen: 52.91 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Tgt Ion: 65 Resp: 54299
Ion Ratio Lower Upper
65 100
67 49.5 0.0 105.4

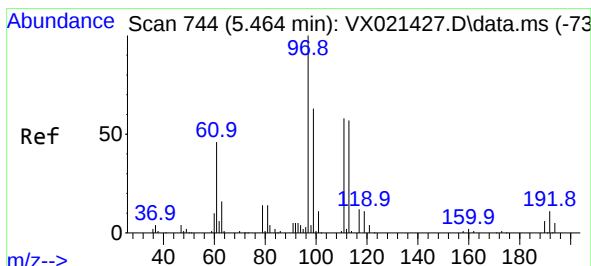
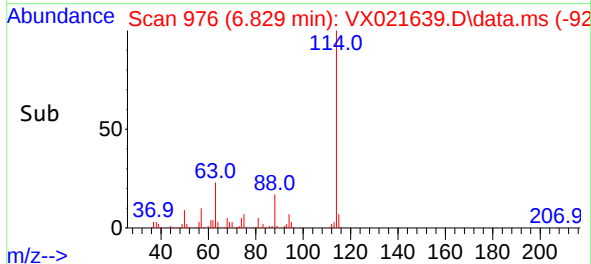
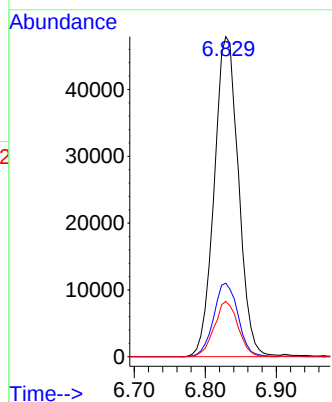
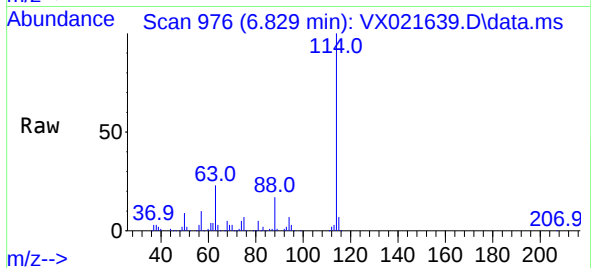




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

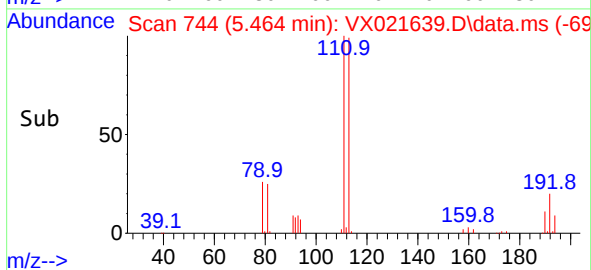
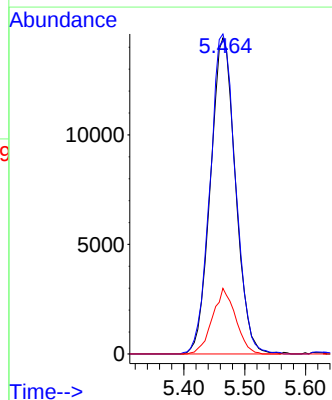
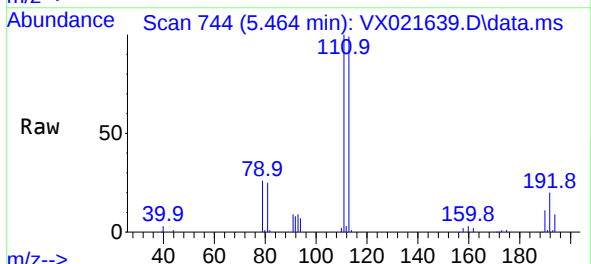
Instrument :
MSVOA_X
ClientSampleId :
021-OUTFALL

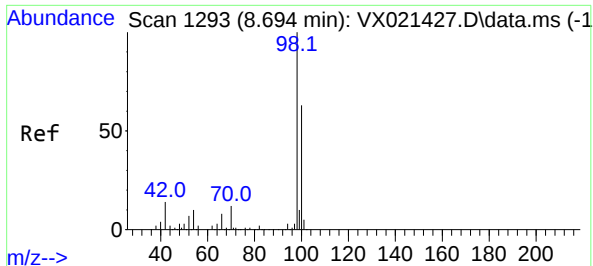
Tgt Ion:	114	Resp:	113527
Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	40.8
88	17.3	0.0	32.8



#35
Dibromofluoromethane
Concen: 51.08 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Tgt Ion:	113	Resp:	41194
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	19.2	16.7	25.1

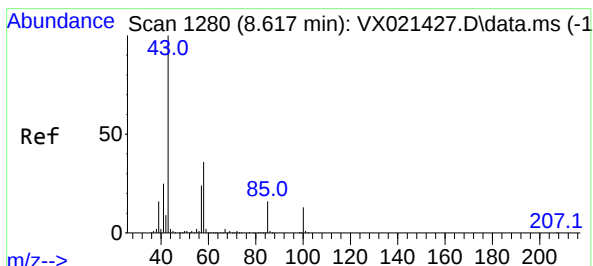
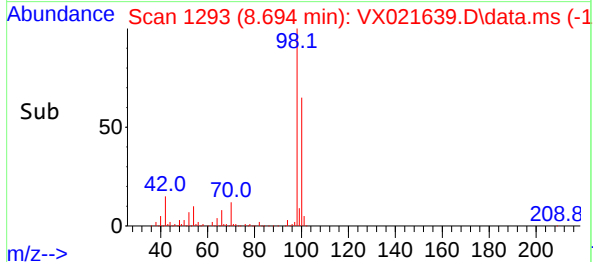
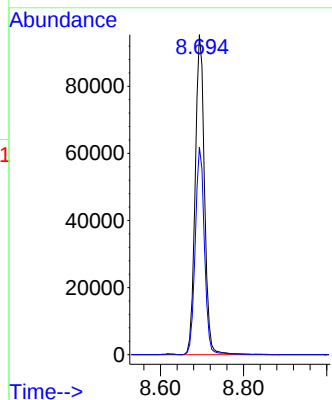
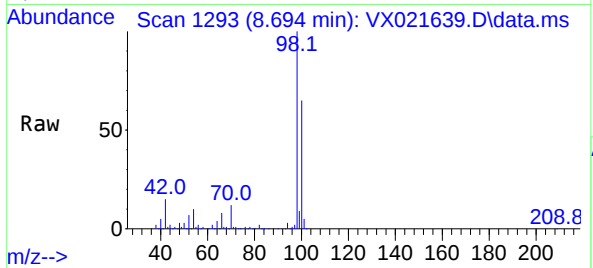




#50
Toluene-d8
Concen: 51.44 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

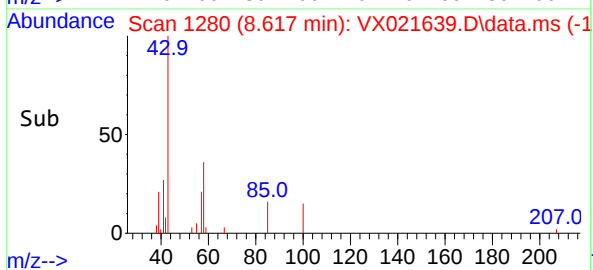
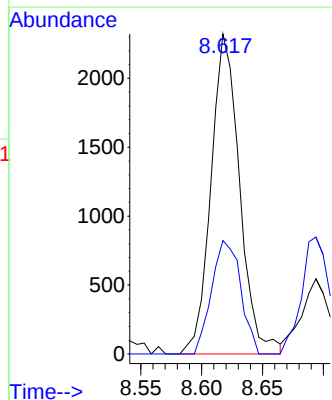
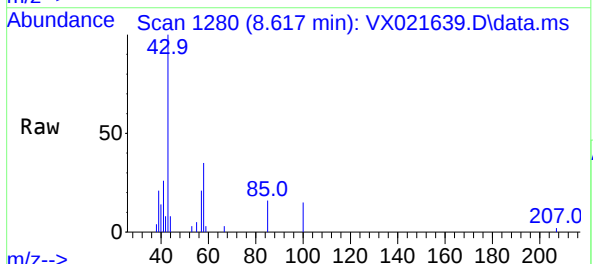
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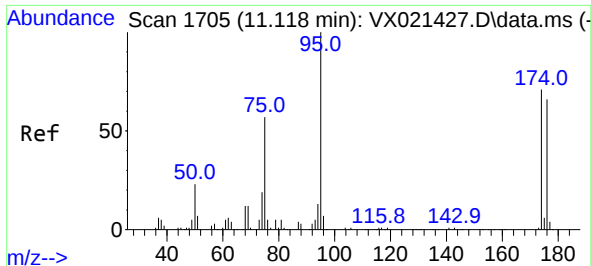
Tgt Ion: 98 Resp: 147808
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 2.96 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Tgt Ion: 43 Resp: 3800
Ion Ratio Lower Upper
43 100
58 35.8 35.4 53.0



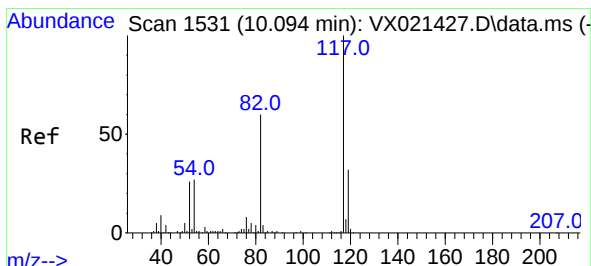
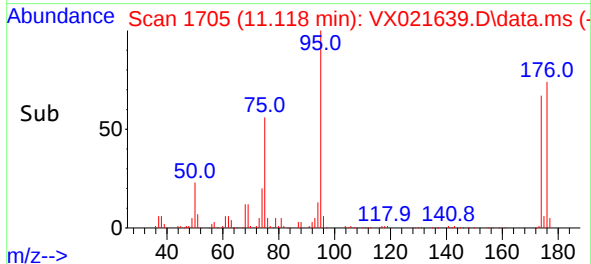
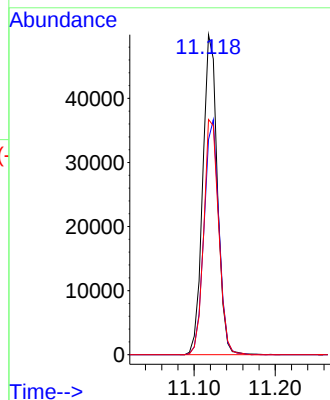
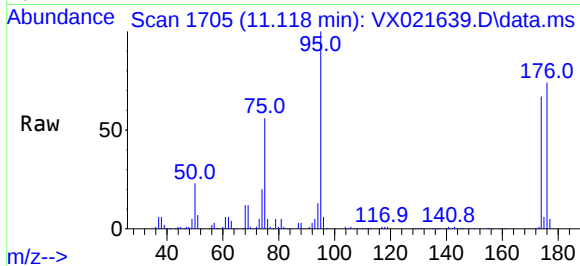


#62
4-Bromofluorobenzene
Concen: 55.82 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Instrument :
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ClientSampleId :
021-OUTFALL

Tgt Ion: 95 Resp: 62367

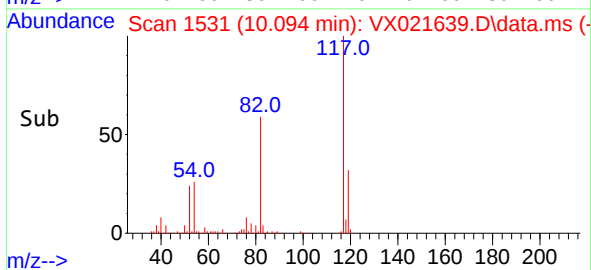
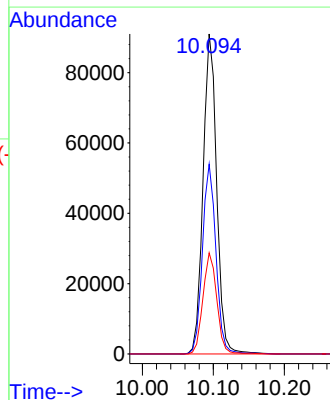
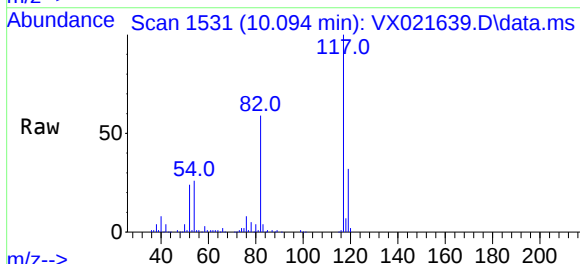
Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	154.6
176	74.9	0.0	155.8

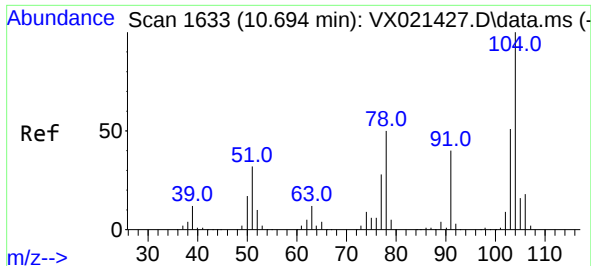


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Tgt Ion: 117 Resp: 121569

Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.4	71.2
119	31.6	26.6	39.8

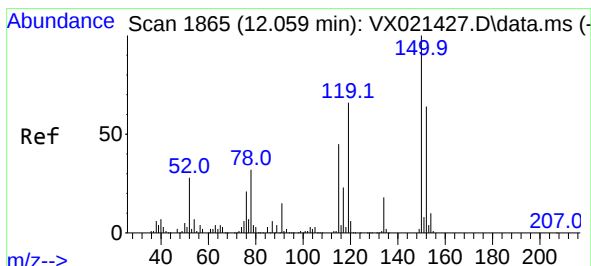
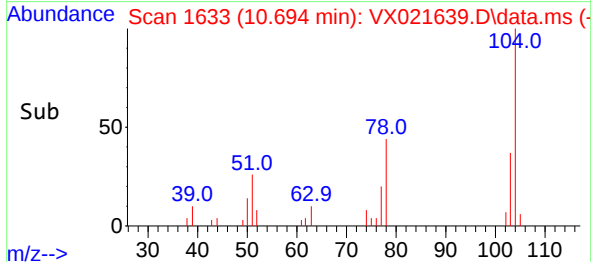
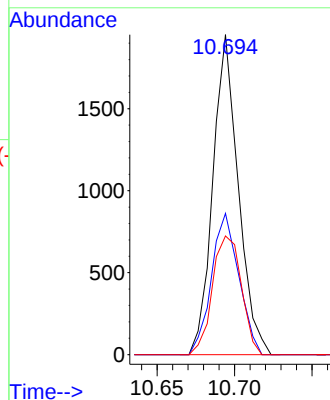
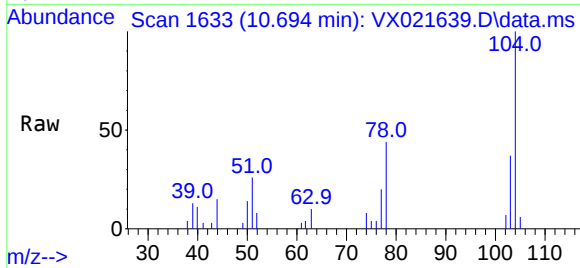




#70
Styrene
Concen: 0.84 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Instrument :
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Tgt Ion:104 Resp: 2228
Ion Ratio Lower Upper
104 100
78 47.6 40.0 60.0
103 42.1 43.4 65.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Tgt Ion:152 Resp: 57668
Ion Ratio Lower Upper
152 100
115 64.2 41.1 123.3
150 156.6 0.0 349.0

