

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021375.D
 Acq On : 23 Mar 2021 11:09
 Operator : JC/MD
 Sample : VX0323MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 23 15:03:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

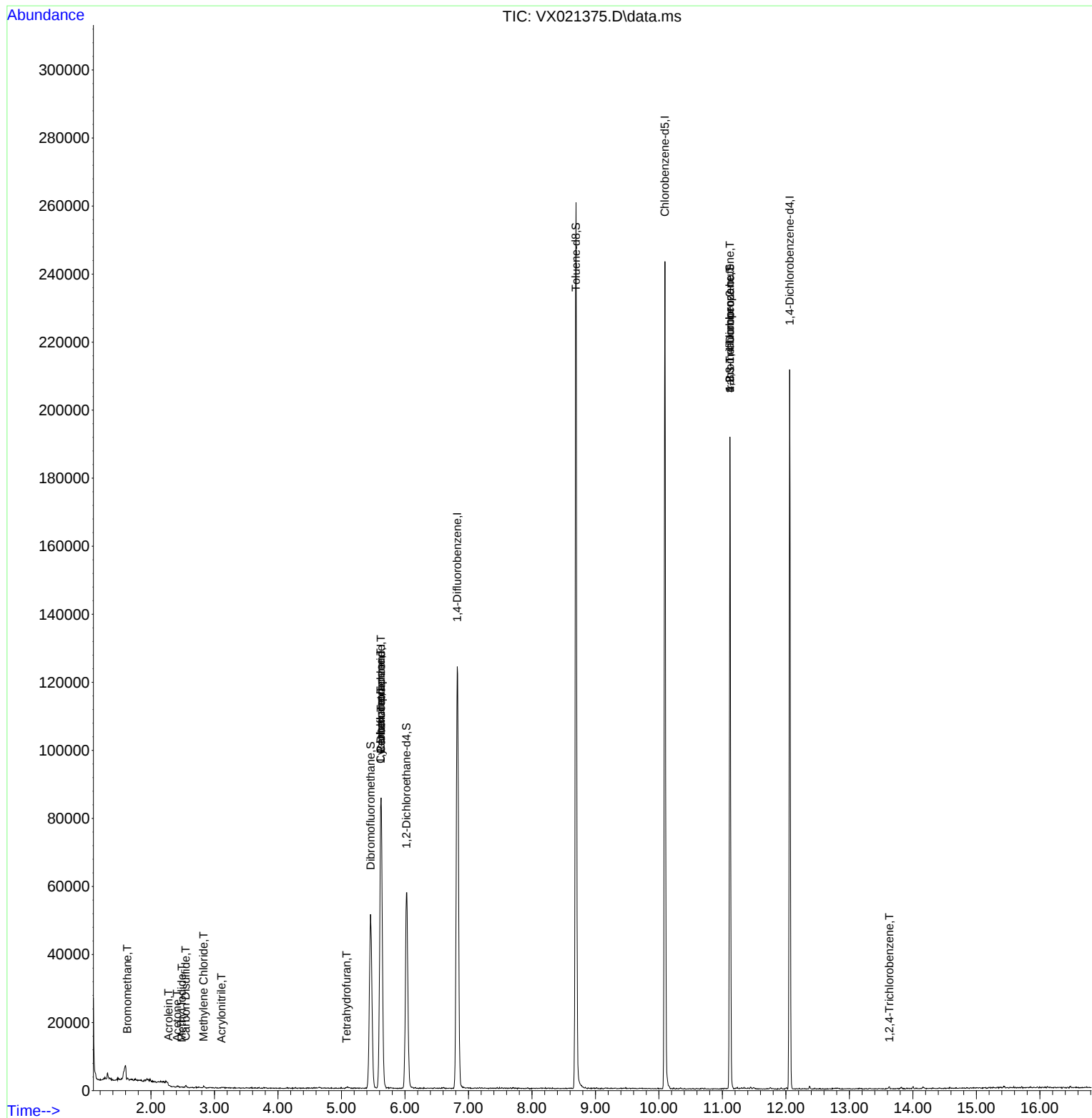
Internal Standards						
1) Pentafluorobenzene	5.623	168	75022	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.823	114	118727	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	100365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	38436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	56933	46.27	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.54%
35) Dibromofluoromethane	5.458	113	42083	52.09	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.18%
50) Toluene-d8	8.694	98	146154	49.86	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.72%
62) 4-Bromofluorobenzene	11.118	95	47961	42.13	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.26%
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1832	Below Cal		92
5) Bromomethane	1.629	94	120	0.30 ug/l		94
10) Methyl Iodide	2.487	142	192	0.28 ug/l #		73
13) Acrolein	2.276	56	56	3.57 ug/l #		14
15) Acrylonitrile	3.111	53	135	0.28 ug/l #		66
16) Acetone	2.411	43	371	0.82 ug/l #		40
17) Carbon Disulfide	2.546	76	614	0.81 ug/l #		69
20) Methylene Chloride	2.829	84	192	0.21 ug/l #		71
29) Tetrahydrofuran	5.082	42	176	0.38 ug/l #		27
31) Cyclohexane	5.617	56	2228	1.50 ug/l #		38
36) 1,1-Dichloropropene	5.617	75	6677	5.58 ug/l #		49
38) Carbon Tetrachloride	5.623	117	8076	6.50 ug/l #		16
76) 1,2,3-Trichloropropane	11.118	75	27063	30.35 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.118	75	27063	82.41 ug/l #		12
93) 1,2,4-Trichlorobenzene	13.630	180	183	0.23 ug/l #		85

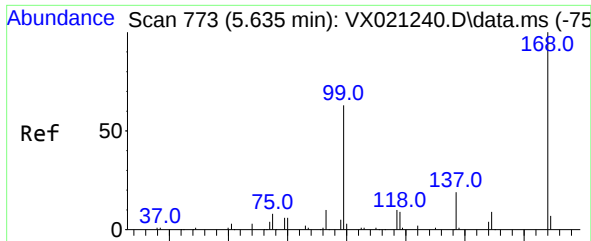
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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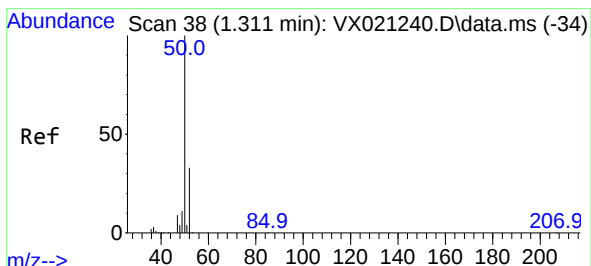
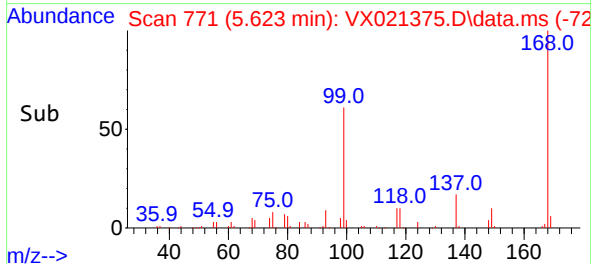
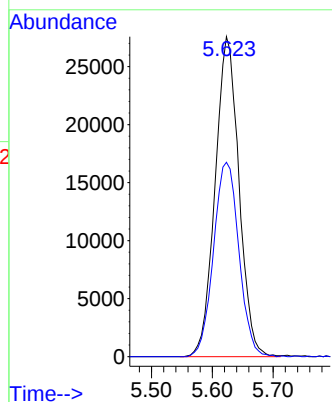
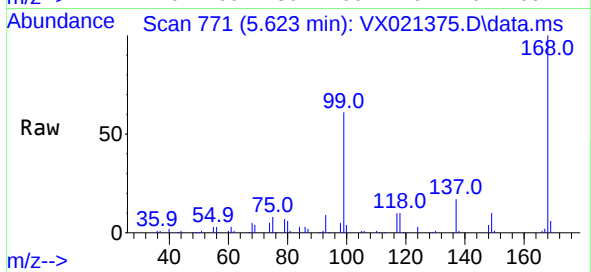




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

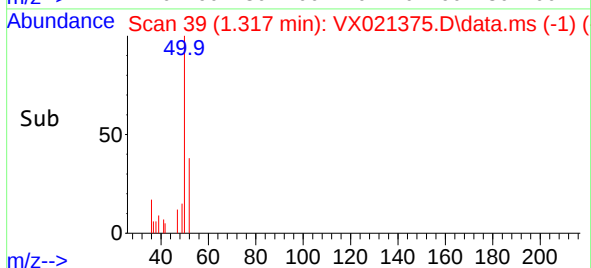
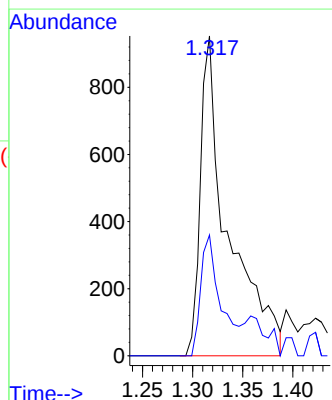
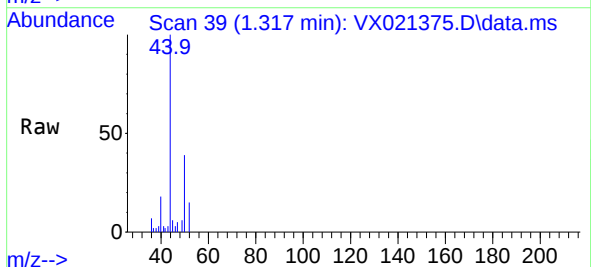
Instrument :
MSVOA_X
ClientSampleId :

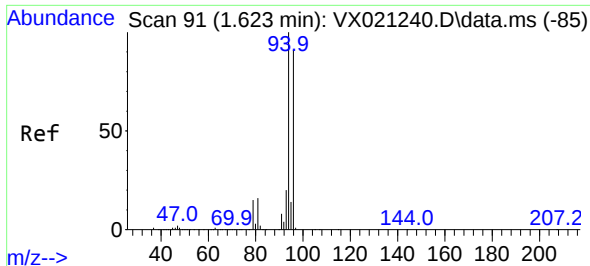
Tgt Ion:168 Resp: 75022
Ion Ratio Lower Upper
168 100
99 60.8 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

Tgt Ion: 50 Resp: 1832
Ion Ratio Lower Upper
50 100
52 37.8 26.4 39.6

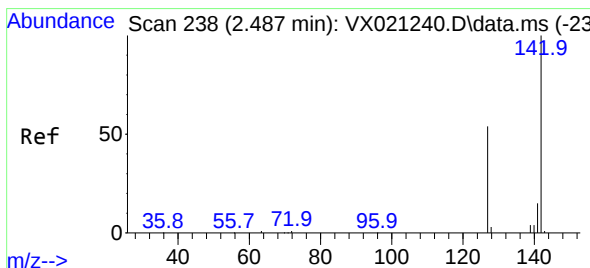
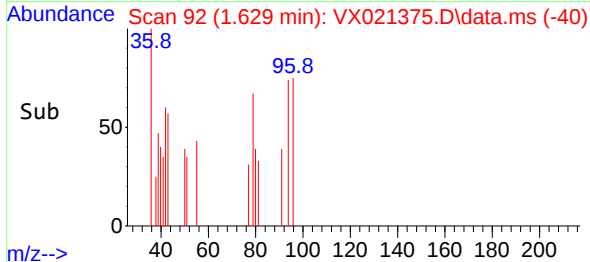
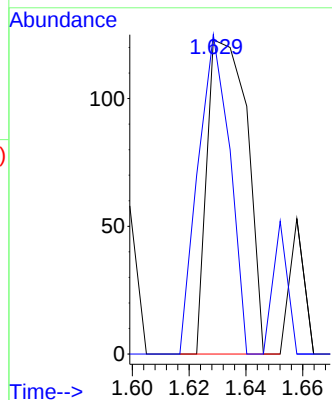
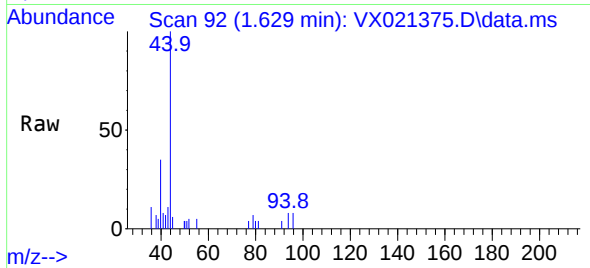




#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.629 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

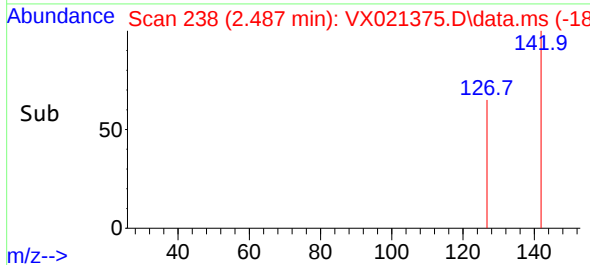
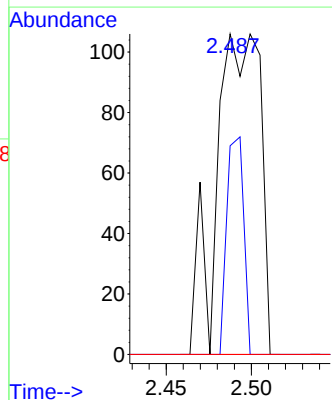
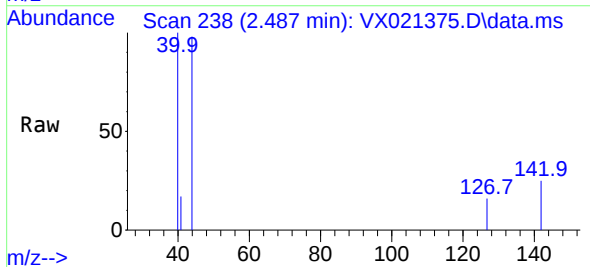
Instrument :
MSVOA_X
ClientSampled :

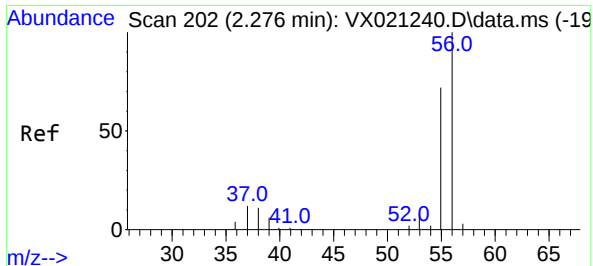
Tgt Ion: 94 Resp: 120
Ion Ratio Lower Upper
94 100
96 101.6 76.4 114.6



#10
Methyl Iodide
Concen: 0.28 ug/l
RT: 2.487 min Scan# 238
Delta R.T. 0.000 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

Tgt Ion:142 Resp: 192
Ion Ratio Lower Upper
142 100
127 26.0 33.3 49.9#
141 0.0 11.4 17.0#

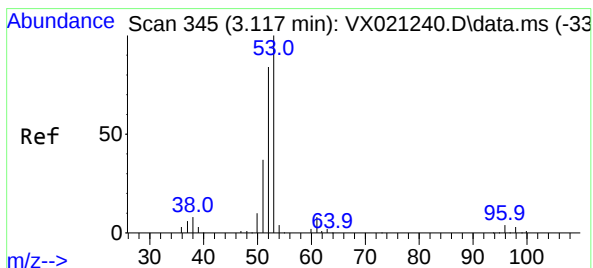
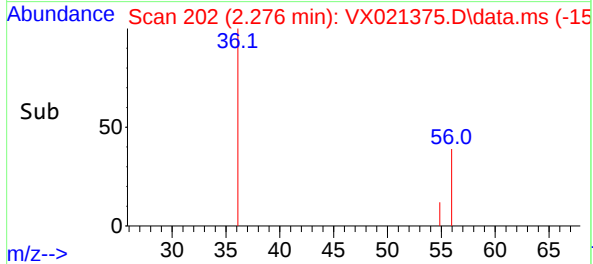
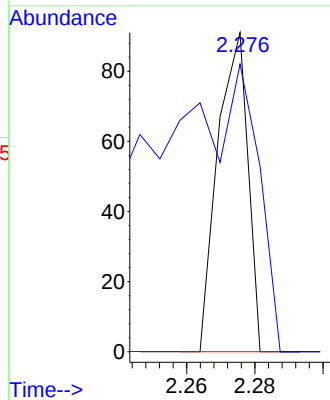
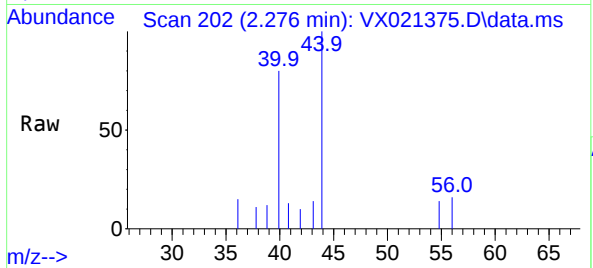




#13
Acrolein
Concen: 3.57 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

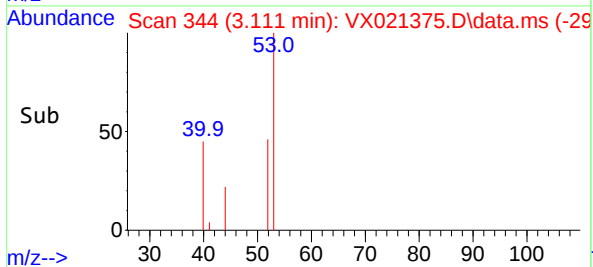
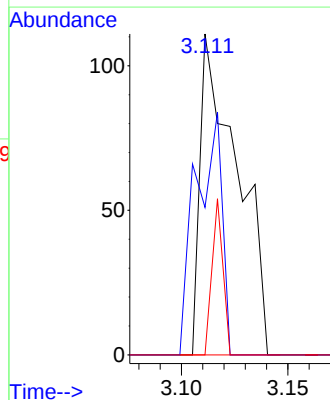
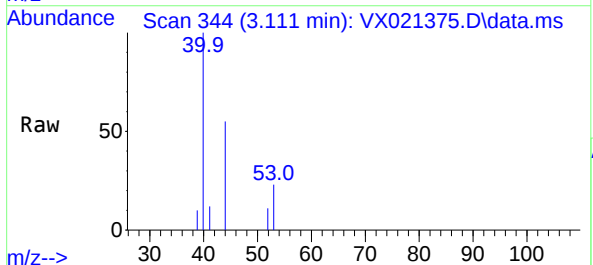
Instrument :
MSVOA_X
ClientSampled :

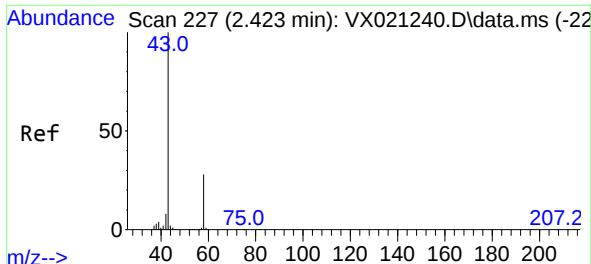
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#15
Acrylonitrile
Concen: 0.28 ug/l
RT: 3.111 min Scan# 344
Delta R.T. -0.006 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

Tgt Ion: 53 Resp: 135
Ion Ratio Lower Upper
53 100
52 52.6 65.3 97.9#
51 14.1 28.2 42.2#

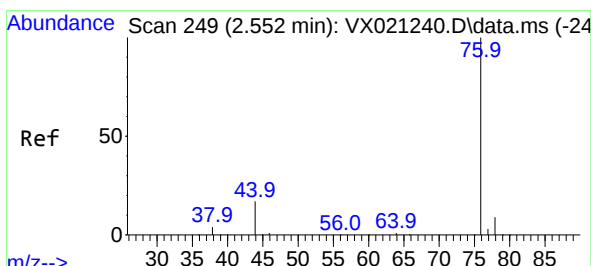
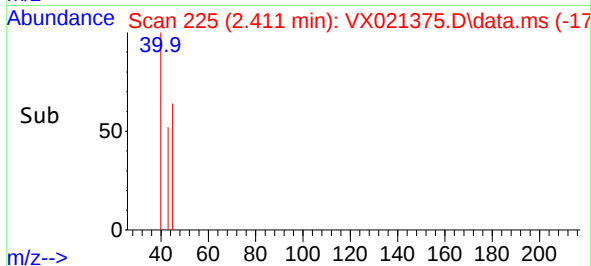
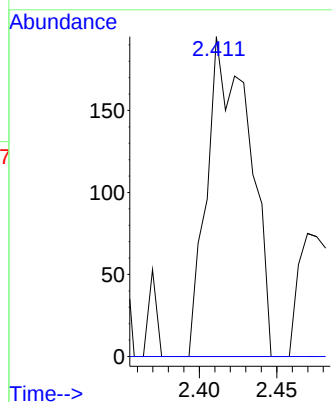
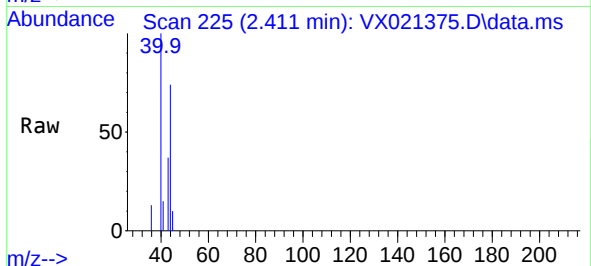




#16
Acetone
Concen: 0.82 ug/l
RT: 2.411 min Scan# 225
Delta R.T. -0.012 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

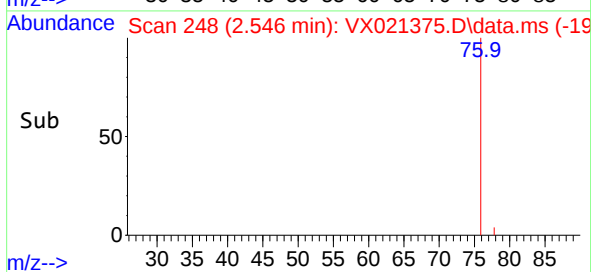
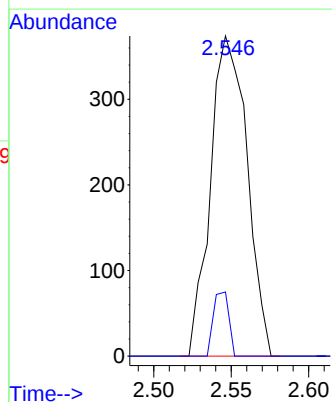
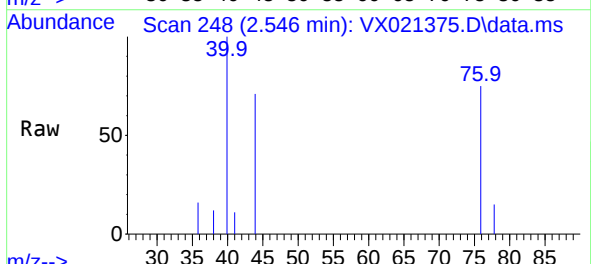
Instrument :
MSVOA_X
ClientSampleId :

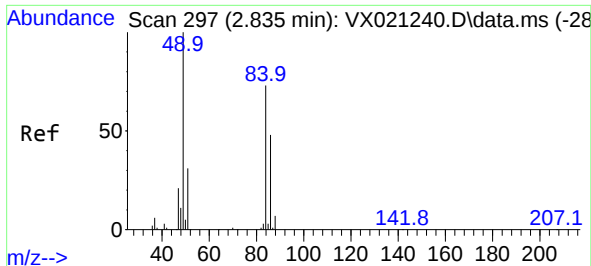
Tgt Ion: 43 Resp: 371
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.81 ug/l
RT: 2.546 min Scan# 248
Delta R.T. -0.006 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

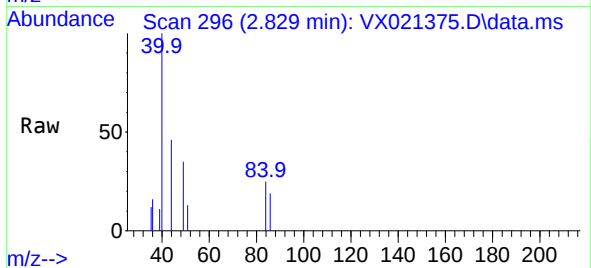
Tgt Ion: 76 Resp: 614
Ion Ratio Lower Upper
76 100
78 20.1 7.2 10.8#





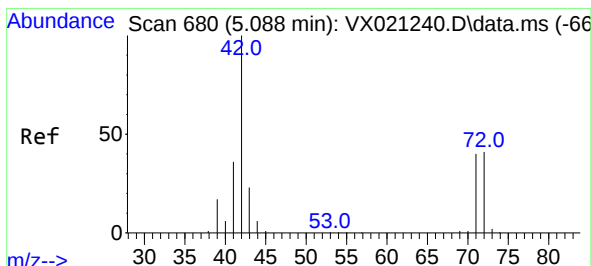
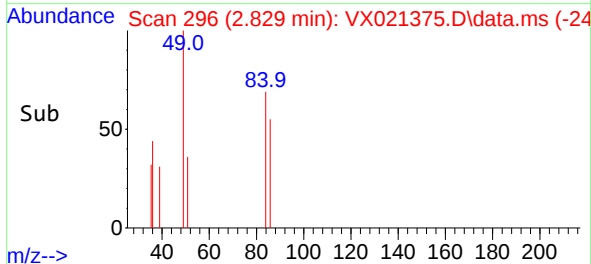
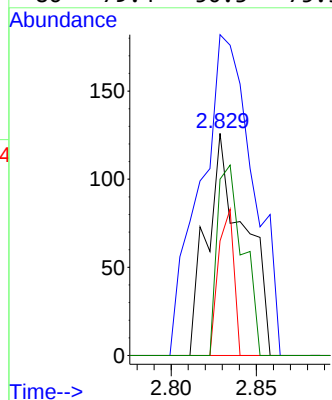
#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.006 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 192

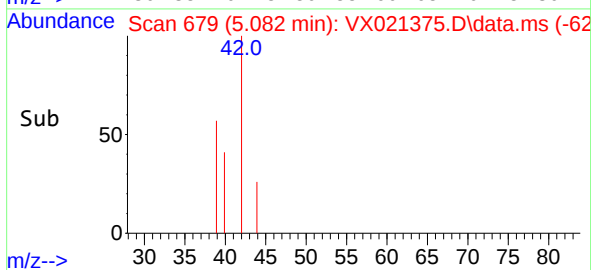
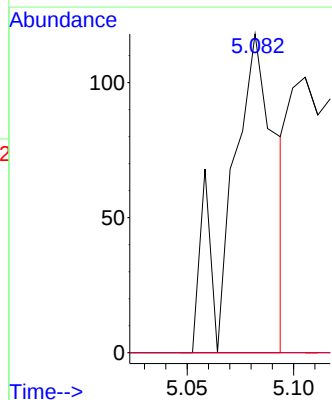
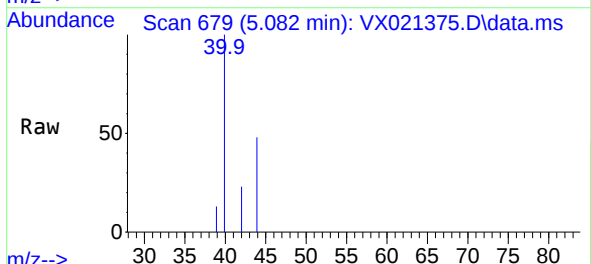
Ion	Ratio	Lower	Upper
84	100		
49	144.4	88.6	132.8#
51	51.6	27.0	40.6#
86	79.4	50.3	75.5#

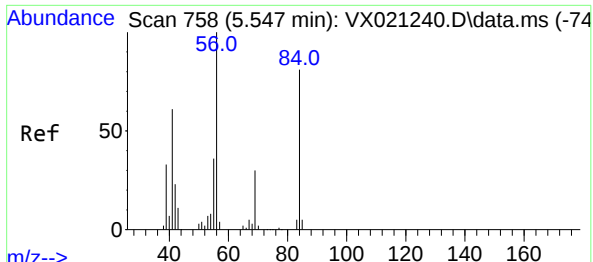


#29
Tetrahydrofuran
Concen: 0.38 ug/l
RT: 5.082 min Scan# 679
Delta R.T. -0.006 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

Tgt Ion: 42 Resp: 176

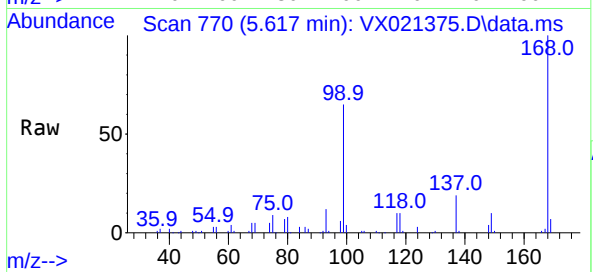
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



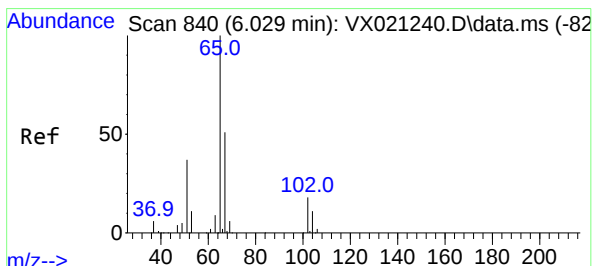
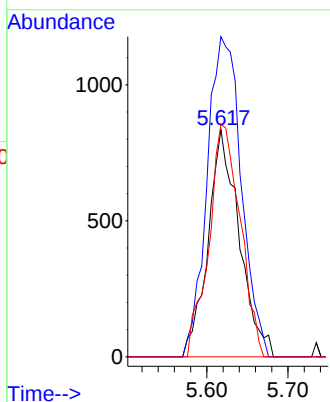
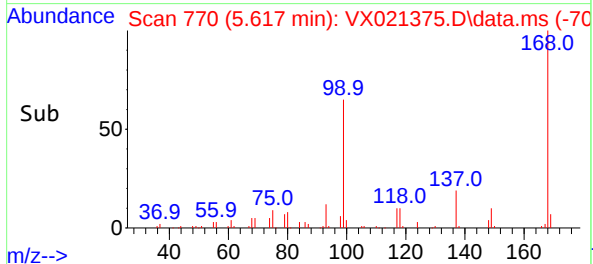


#31
Cyclohexane
Concen: 1.50 ug/l
RT: 5.617 min Scan# 770
Delta R.T. 0.070 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

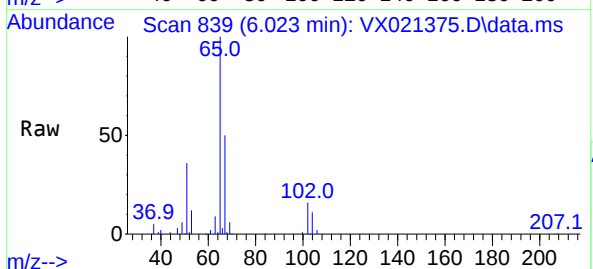
Instrument :
MSVOA_X
ClientSampleId :



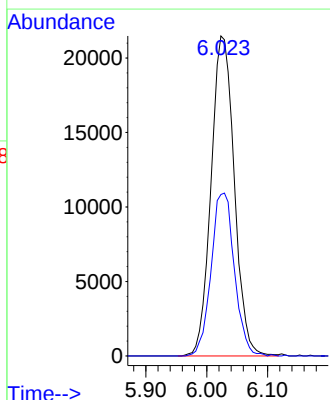
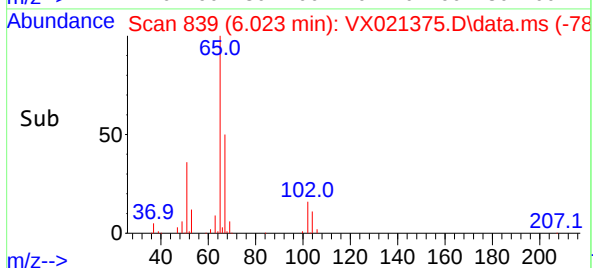
Tgt Ion: 56 Resp: 2228
Ion Ratio Lower Upper
56 100
69 141.0 25.3 37.9#
84 102.3 71.4 107.0

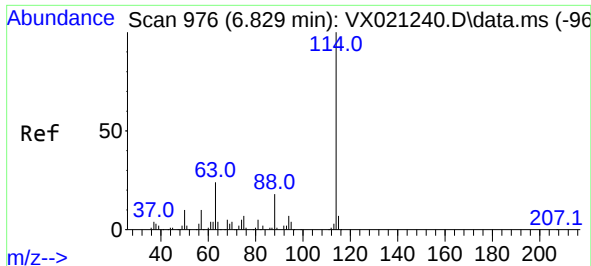


#33
1,2-Dichloroethane-d4
Concen: 46.27 ug/l
RT: 6.023 min Scan# 839
Delta R.T. -0.006 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09



Tgt Ion: 65 Resp: 56933
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4



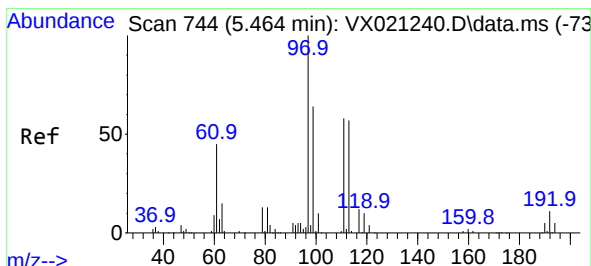
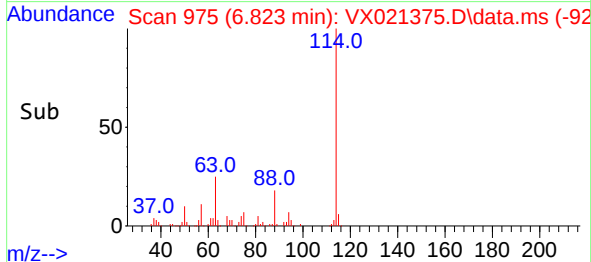
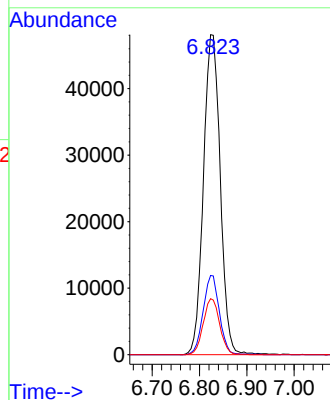
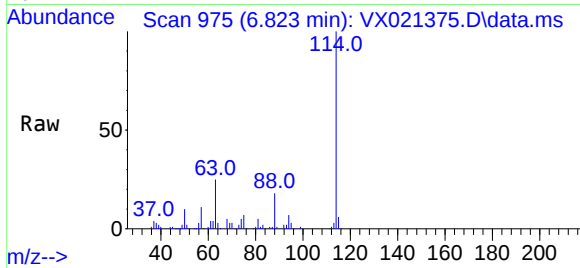


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.823 min Scan# 975
Delta R.T. -0.006 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 118727

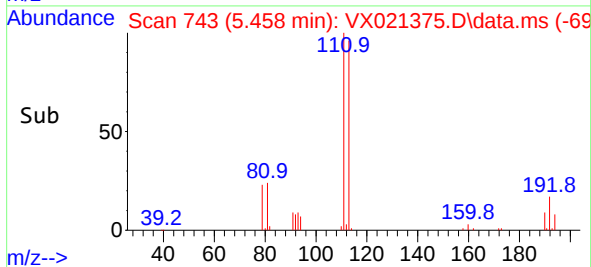
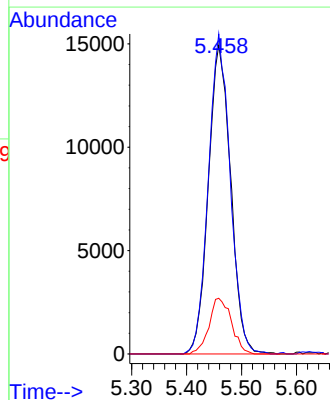
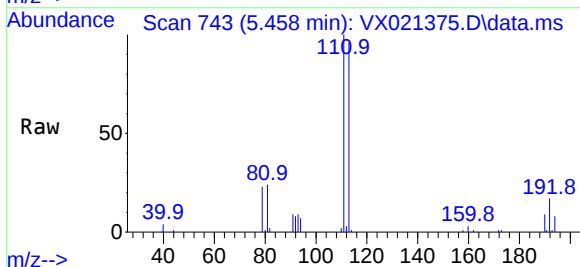
Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	40.8
88	17.5	0.0	32.8

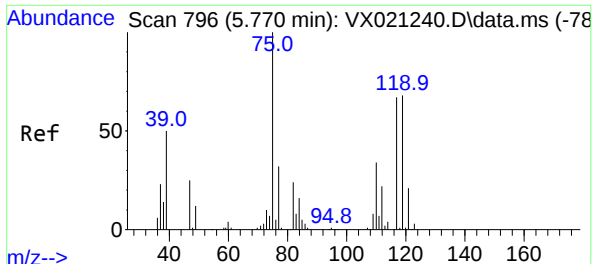


#35
Dibromofluoromethane
Concen: 52.09 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

Tgt Ion:113 Resp: 42083

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	18.1	16.7	25.1

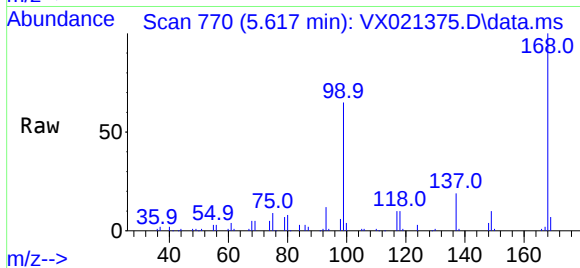




#36

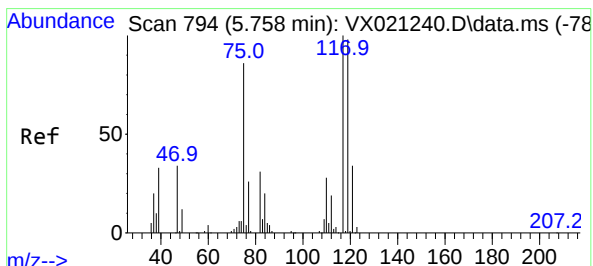
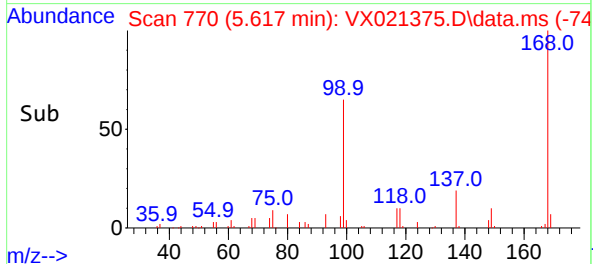
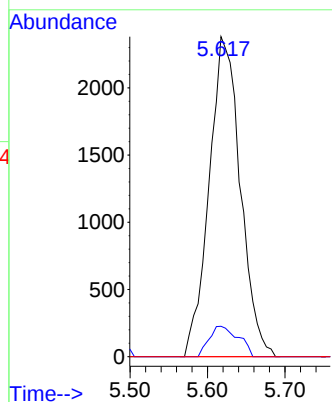
1,1-Dichloropropene
Concen: 5.58 ug/l
RT: 5.617 min Scan# 770
Delta R.T. -0.153 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

Instrument :
MSVOA_X
ClientSampleId :



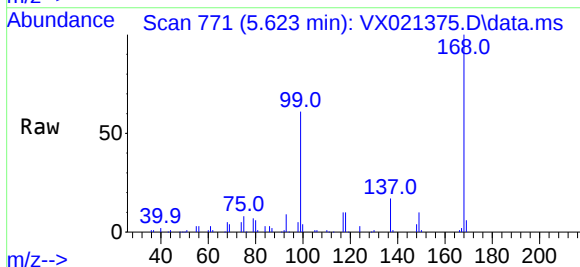
Tgt Ion: 75 Resp: 6677

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	25.3	37.9#



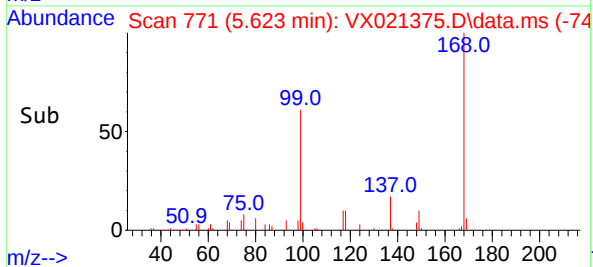
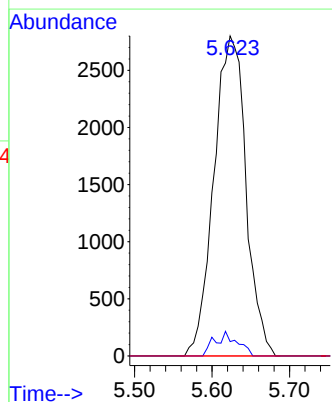
#38

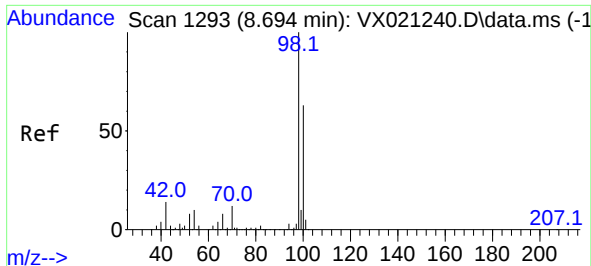
Carbon Tetrachloride
Concen: 6.50 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09



Tgt Ion: 117 Resp: 8076

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.2	114.2#
121	0.0	24.8	37.2#

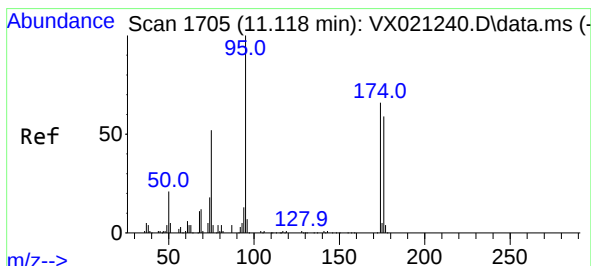
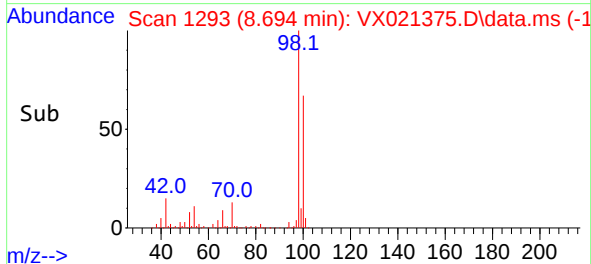
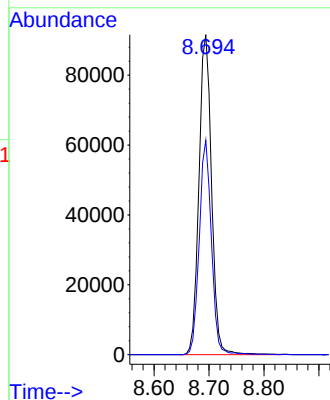
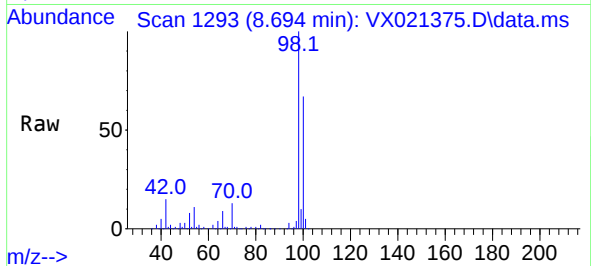




#50
Toluene-d8
Concen: 49.86 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

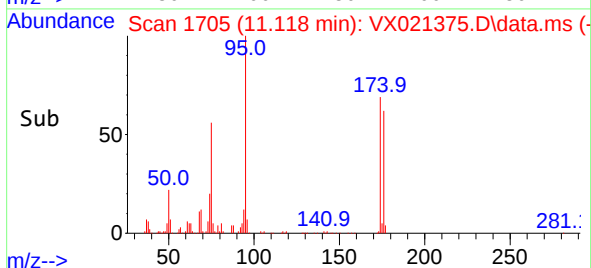
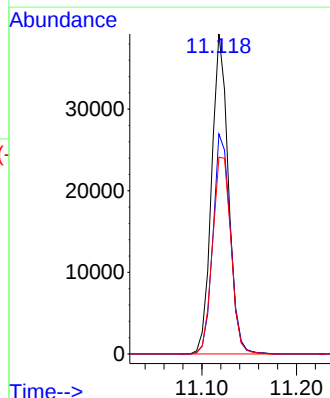
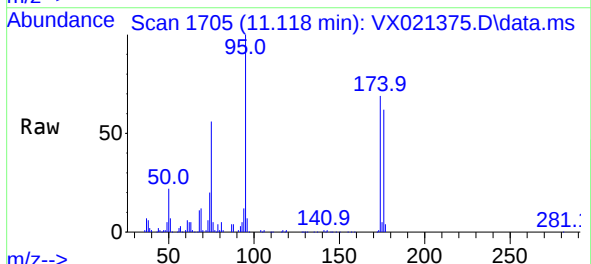
Instrument :
MSVOA_X
ClientSampled :

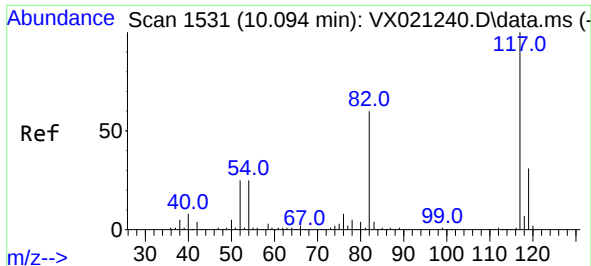
Tgt Ion: 98 Resp: 146154
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

Tgt Ion: 95 Resp: 47961
Ion Ratio Lower Upper
95 100
174 71.7 0.0 154.6
176 68.0 0.0 155.8

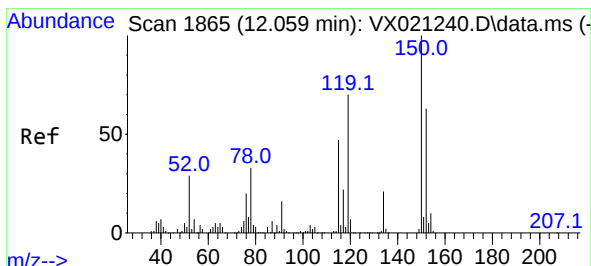
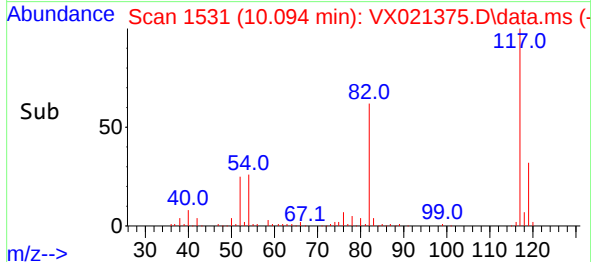
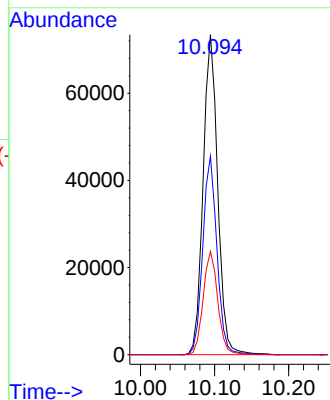
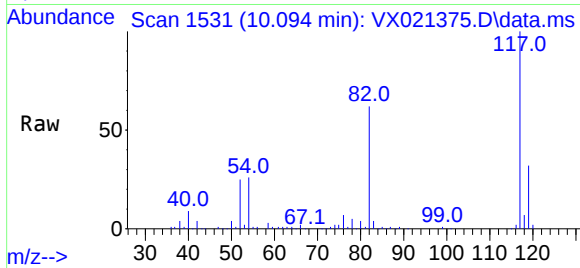




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

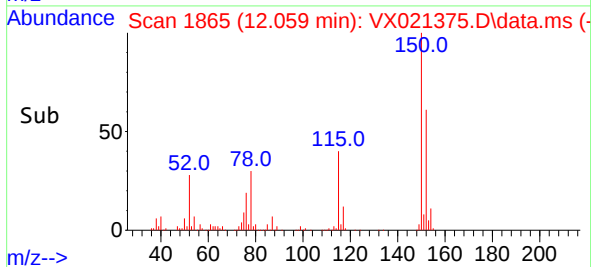
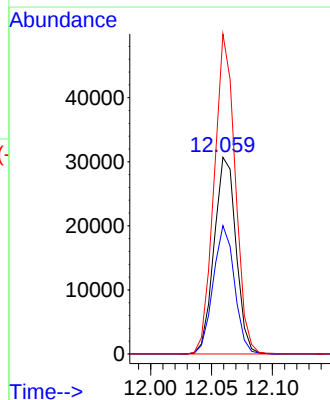
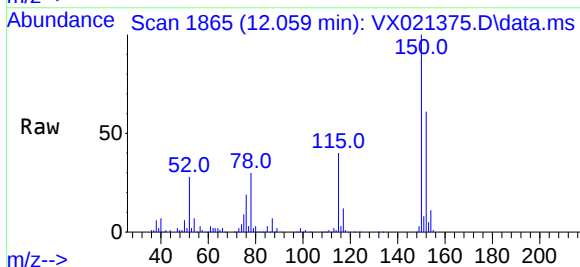
Instrument :
MSVOA_X
ClientSampleId :

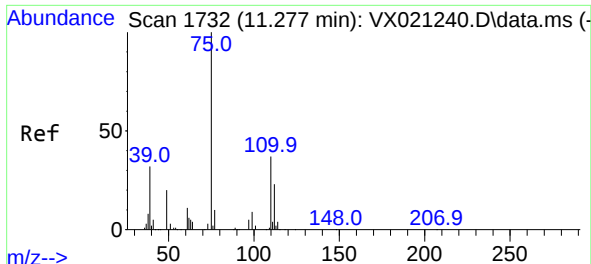
Tgt Ion:117 Resp: 100365
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

Tgt Ion:152 Resp: 38436
Ion Ratio Lower Upper
152 100
115 63.5 41.1 123.3
150 156.3 0.0 349.0

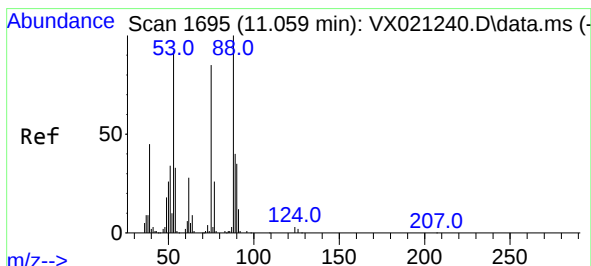
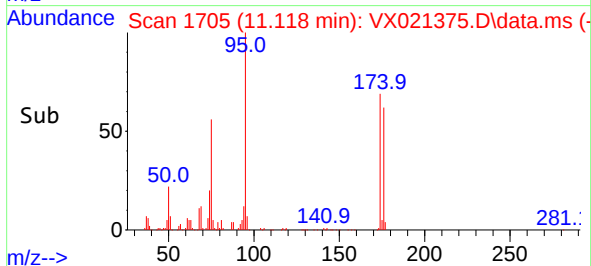
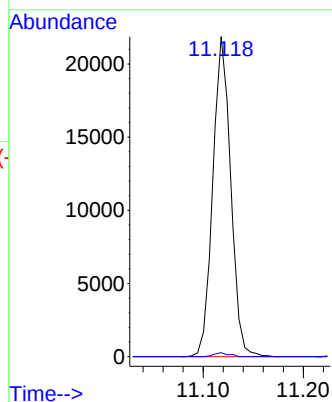
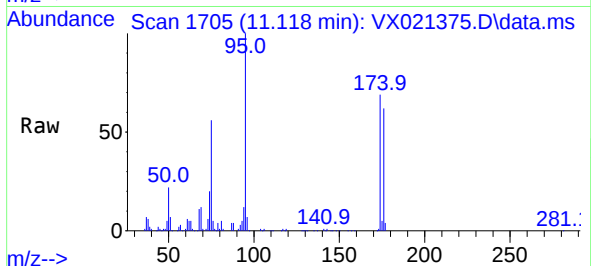




#76
1,2,3-Trichloropropane
Concen: 30.35 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

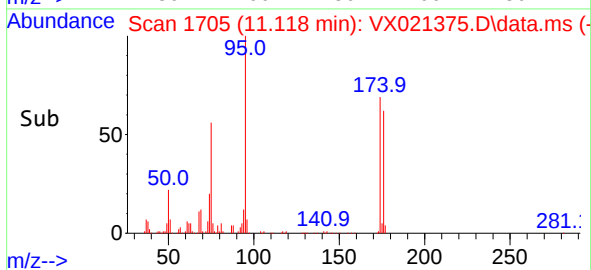
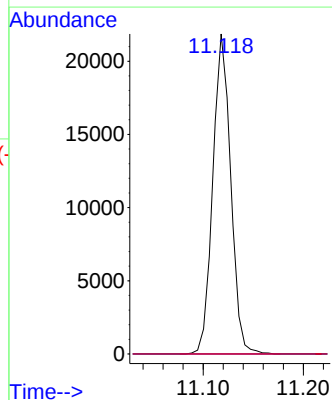
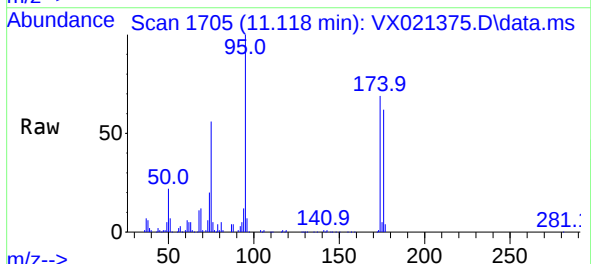
Instrument :
MSVOA_X
ClientSampled :

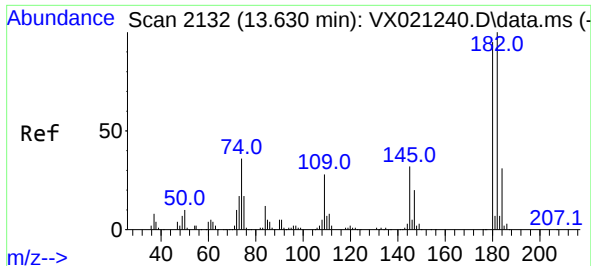
Tgt Ion: 75 Resp: 27063
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.41 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021375.D
Acq: 23 Mar 2021 11:09

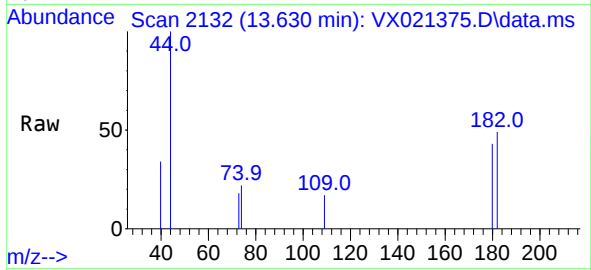
Tgt Ion: 75 Resp: 27063
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.23 ug/l
 RT: 13.630 min Scan# 2132
 Delta R.T. 0.000 min
 Lab File: VX021375.D
 Acq: 23 Mar 2021 11:09

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 183

Ion	Ratio	Lower	Upper
180	100		
182	105.5	47.7	143.1
145	14.2	15.0	45.0#

