

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021685.D
 Acq On : 31 Mar 2021 15:14
 Operator : JC/MD
 Sample : M1842-18DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 01 03:25:50 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	5.635	168	57202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	103302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	50673	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	49456	51.96	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.92%
35) Dibromofluoromethane	5.470	113	38678	52.71	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.42%
50) Toluene-d8	8.694	98	133549	51.07	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.14%
62) 4-Bromofluorobenzene	11.118	95	55765	54.85	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.70%

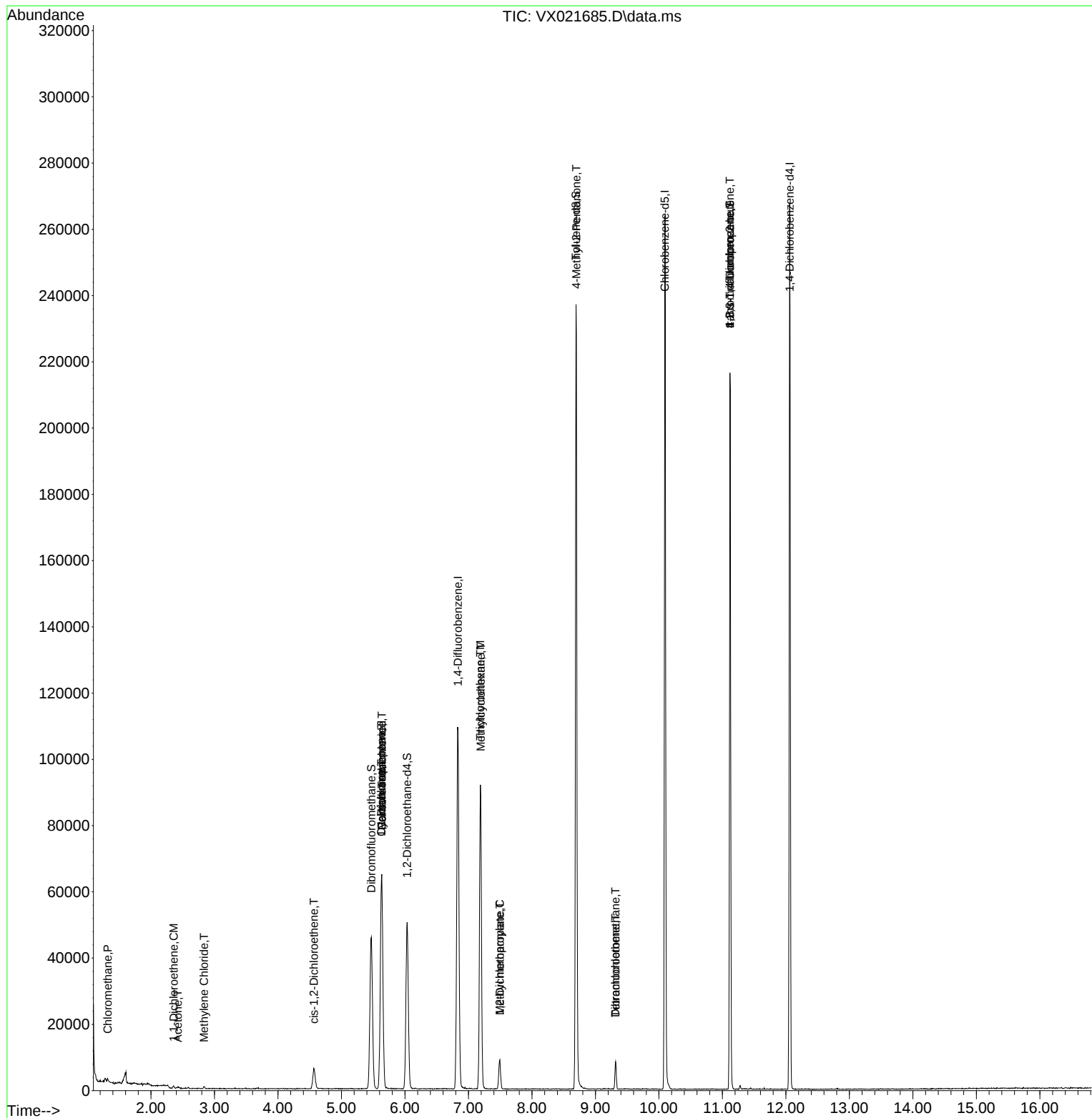
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1102	1.57	ug/l	93
12) 1,1-Dichloroethene	2.358	96	243	0.42	ug/l	95
16) Acetone	2.423	43	439	1.22	ug/l	95
20) Methylene Chloride	2.834	84	255	0.36	ug/l #	81
27) cis-1,2-Dichloroethene	4.564	96	3594	4.89	ug/l	95
31) Cyclohexane	5.629	56	1707	1.63	ug/l #	34
36) 1,1-Dichloropropene	5.629	75	5064	5.00	ug/l #	46
38) Carbon Tetrachloride	5.635	117	6344	5.83	ug/l #	18
39) Methylcyclohexane	7.194	83	535	0.48	ug/l #	1
44) Trichloroethene	7.188	130	32843	43.30	ug/l	95
45) 1,2-Dichloropropane	7.494	63	3189	4.10	ug/l #	87
48) Methyl methacrylate	7.494	41	2189	2.16	ug/l #	26
51) 4-Methyl-2-Pentanone	8.700	43	893	0.76	ug/l #	1
60) Dibromochloromethane	9.318	129	1483	1.77	ug/l #	11
64) Tetrachloroethene	9.318	164	1537	2.07	ug/l	92
76) 1,2,3-Trichloropropane	11.118	75	31452	26.66	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	31452	81.21	ug/l #	12

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

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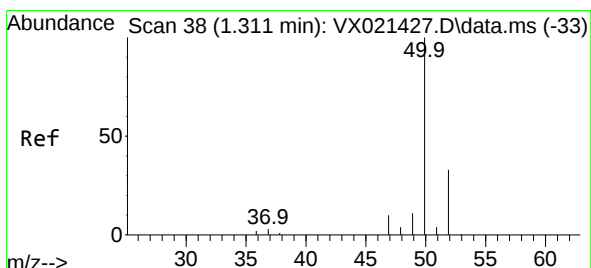
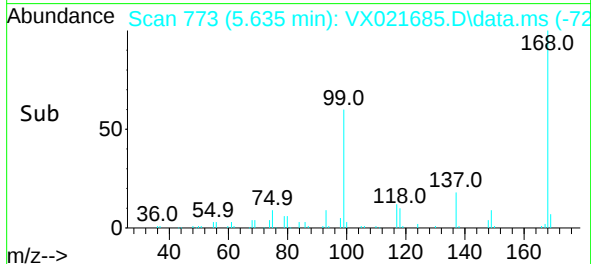
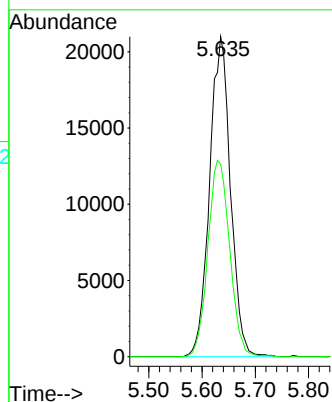
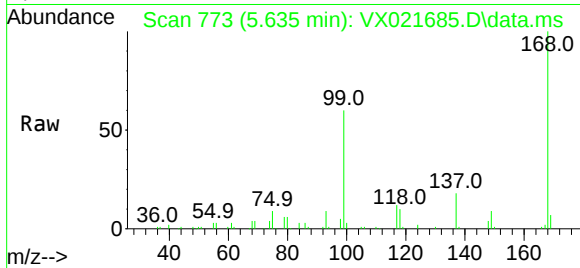




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14

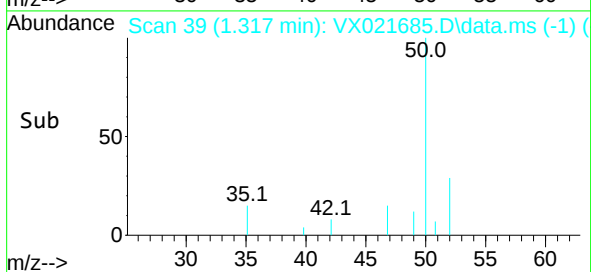
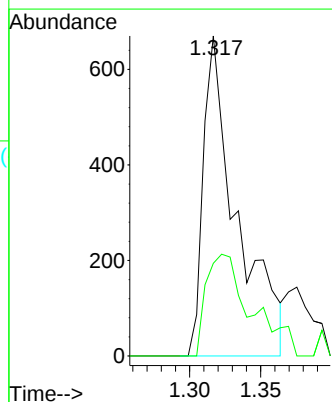
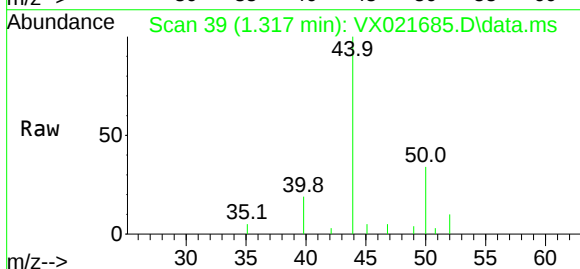
Instrument :
MSVOA_X
ClientSampleId :

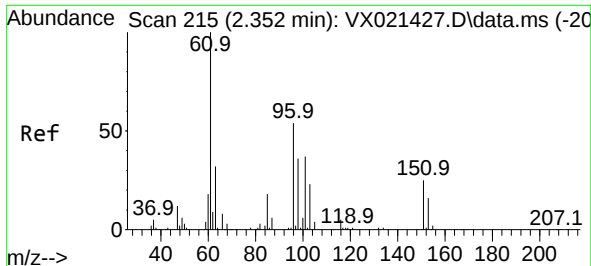
Tgt Ion:168 Resp: 57202
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#3
Chloromethane
Concen: 1.57 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14

Tgt Ion: 50 Resp: 1102
Ion Ratio Lower Upper
50 100
52 29.0 26.4 39.6





#12

1,1-Dichloroethene

Concen: 0.42 ug/l

RT: 2.358 min Scan# 216

Delta R.T. 0.006 min

Lab File: VX021685.D

Acq: 31 Mar 2021 15:14

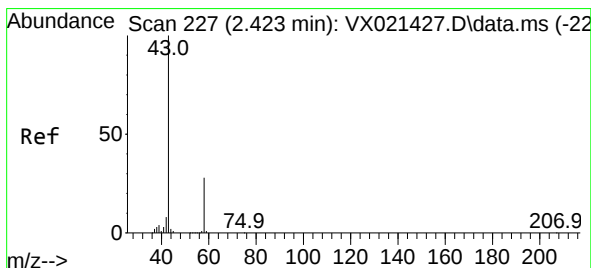
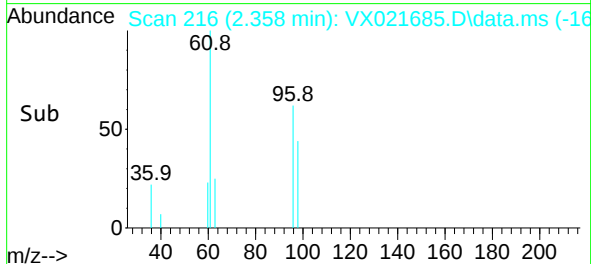
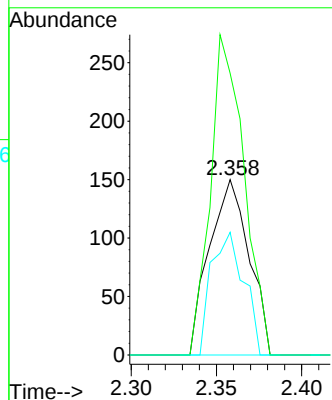
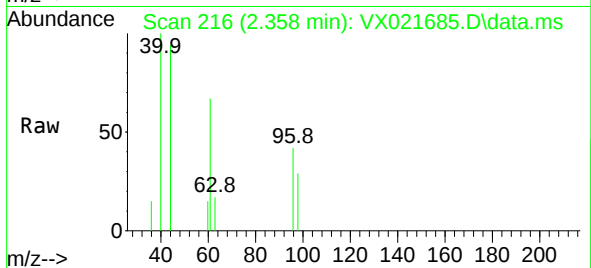
Tgt Ion: 96 Resp: 243

Ion Ratio Lower Upper

96 100

61 160.7 124.6 187.0

98 70.0 50.6 76.0



#16

Acetone

Concen: 1.22 ug/l

RT: 2.423 min Scan# 227

Delta R.T. -0.000 min

Lab File: VX021685.D

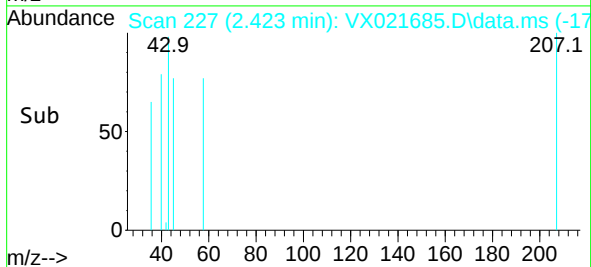
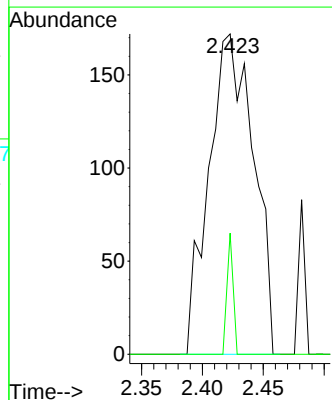
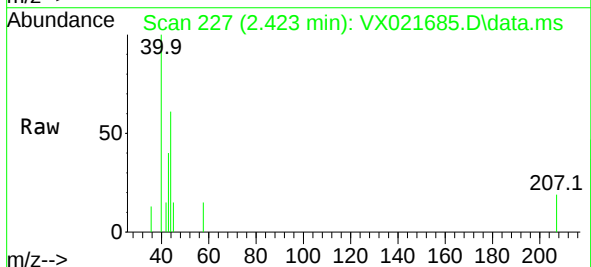
Acq: 31 Mar 2021 15:14

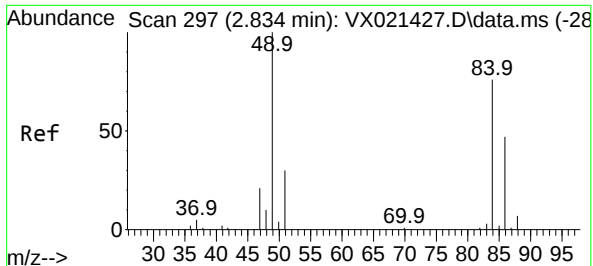
Tgt Ion: 43 Resp: 439

Ion Ratio Lower Upper

43 100

58 37.8 27.8 41.8



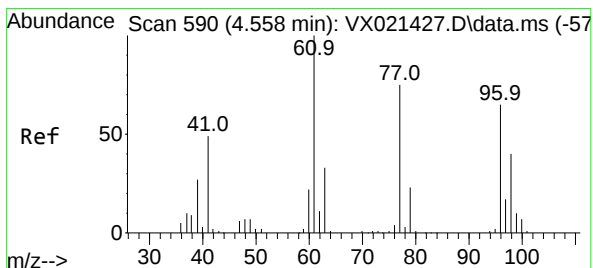
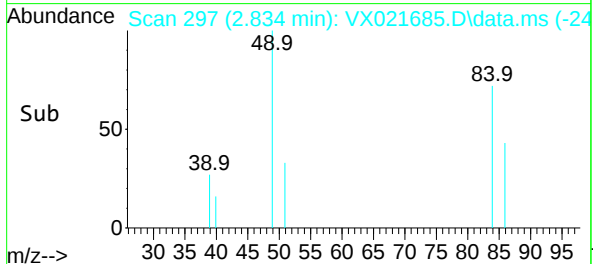
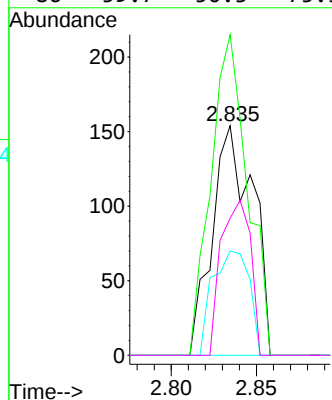
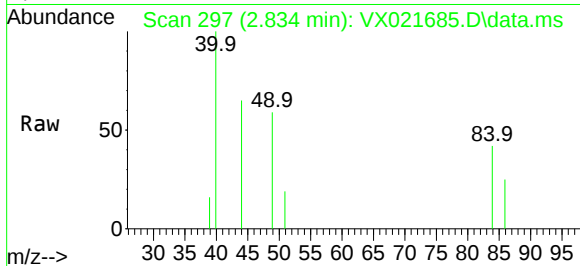


#20
Methylene Chloride
Concen: 0.36 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 255

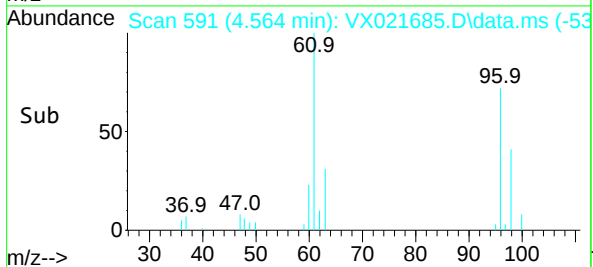
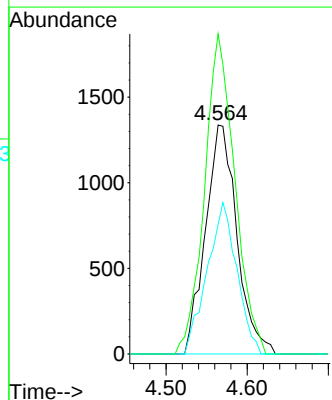
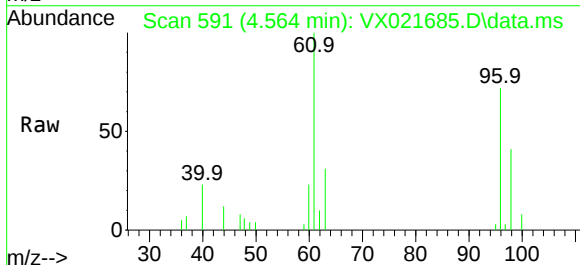
Ion	Ratio	Lower	Upper
84	100		
49	139.6	88.6	132.8#
51	45.5	27.0	40.6#
86	59.7	50.3	75.5

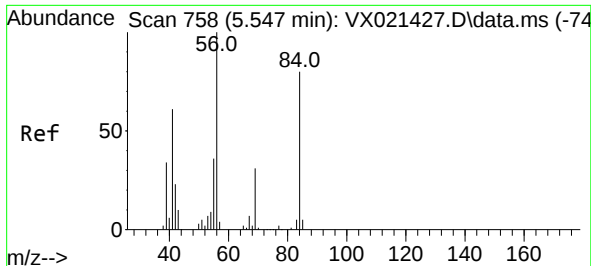


#27
cis-1,2-Dichloroethene
Concen: 4.89 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.006 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14

Tgt Ion: 96 Resp: 3594

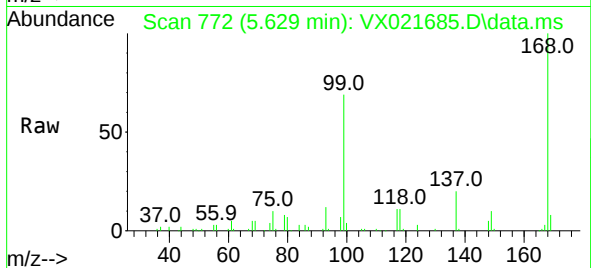
Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	285.6
98	62.5	0.0	129.6



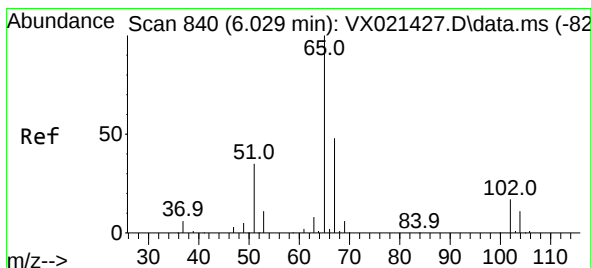
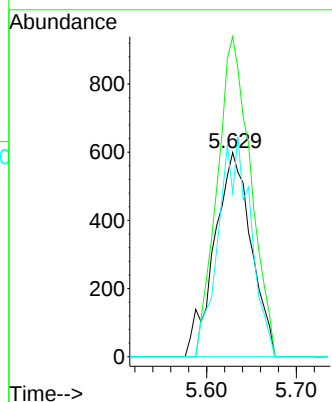
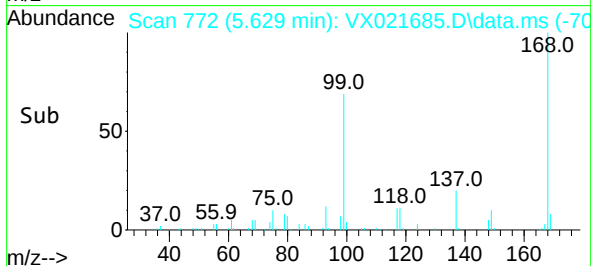


#31
Cyclohexane
Concen: 1.63 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14

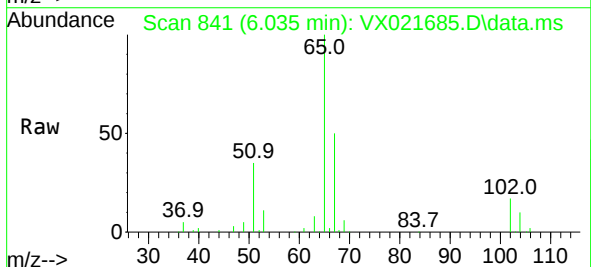
Instrument :
MSVOA_X
ClientSampled :



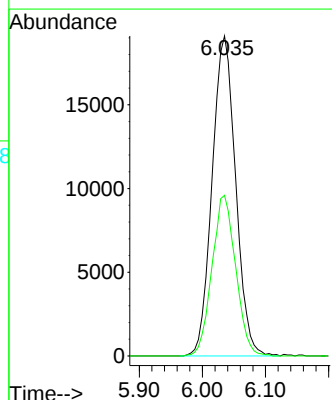
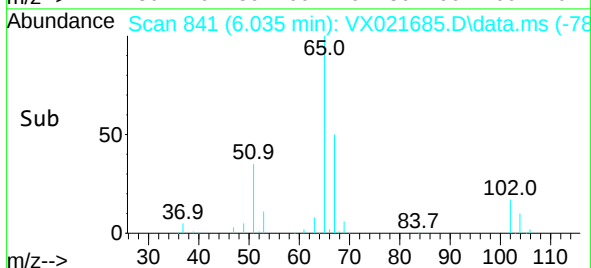
Tgt Ion: 56 Resp: 1707
Ion Ratio Lower Upper
56 100
69 156.8 25.3 37.9#
84 80.3 71.4 107.0

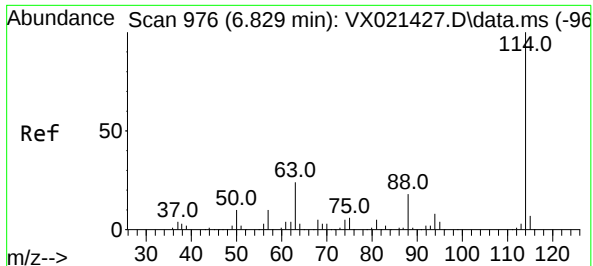


#33
1,2-Dichloroethane-d4
Concen: 51.96 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14



Tgt Ion: 65 Resp: 49456
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

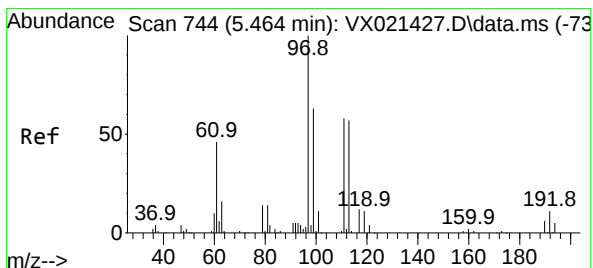
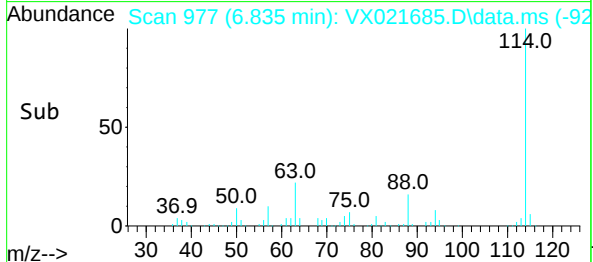
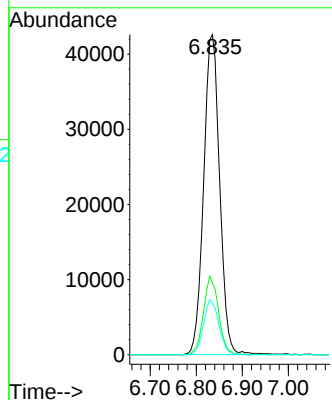
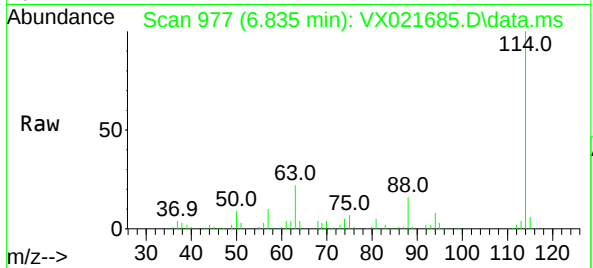




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14

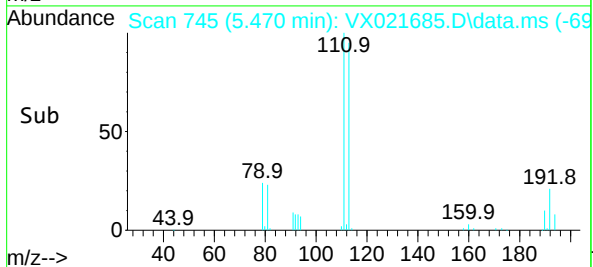
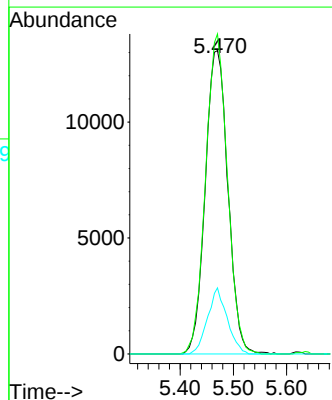
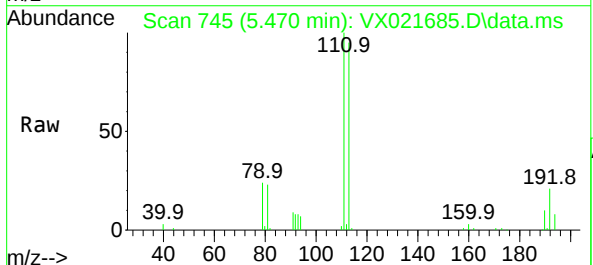
Instrument :
MSVOA_X
ClientSampled :

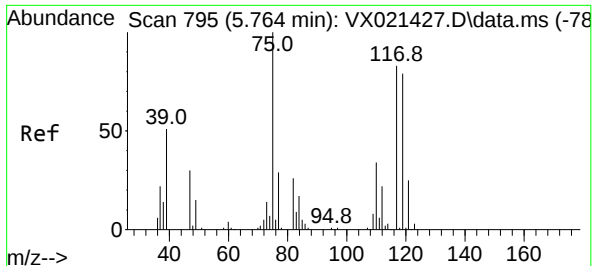
Tgt Ion:114 Resp: 103302
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.71 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14

Tgt Ion:113 Resp: 38678
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 18.8 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.00 ug/l

RT: 5.629 min Scan# 772

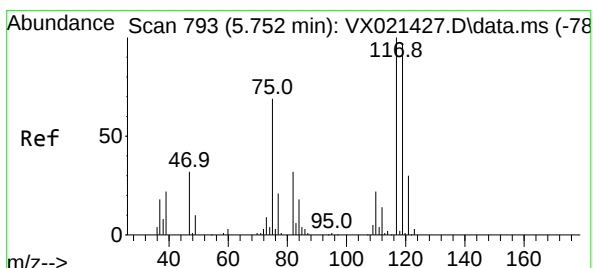
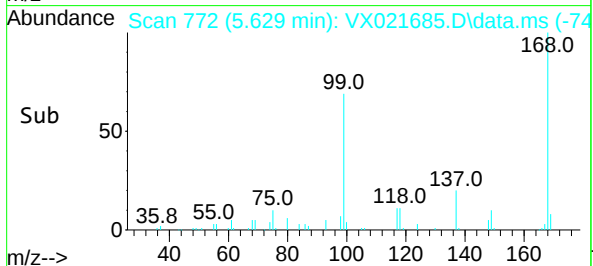
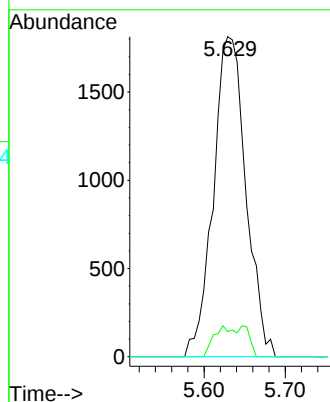
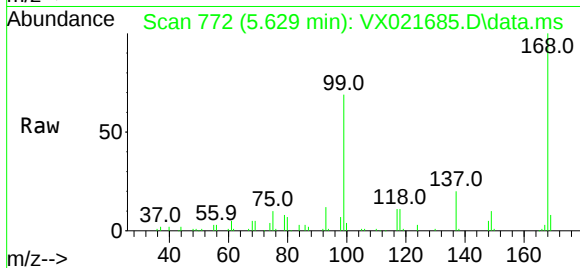
Delta R.T. -0.135 min

Lab File: VX021685.D

Acq: 31 Mar 2021 15:14

Tgt Ion:	75	Resp:	5064
Ion	Ratio	Lower	Upper
75	100		
110	6.4	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.83 ug/l

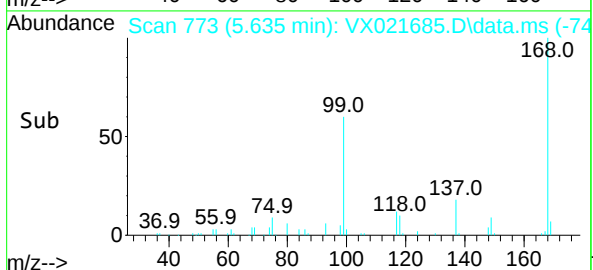
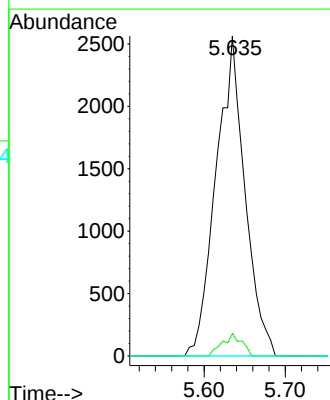
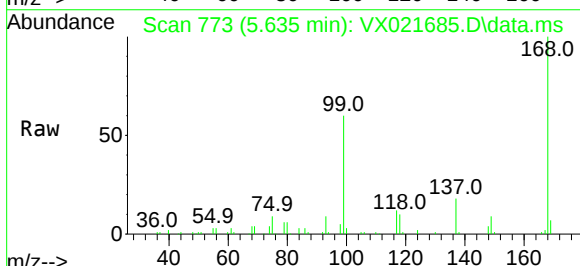
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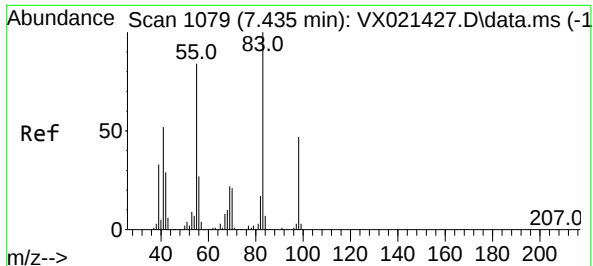
Delta R.T. -0.117 min

Lab File: VX021685.D

Acq: 31 Mar 2021 15:14

Tgt Ion:	117	Resp:	6344
Ion	Ratio	Lower	Upper
117	100		
119	7.0	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.48 ug/l

RT: 7.194 min Scan# 1038

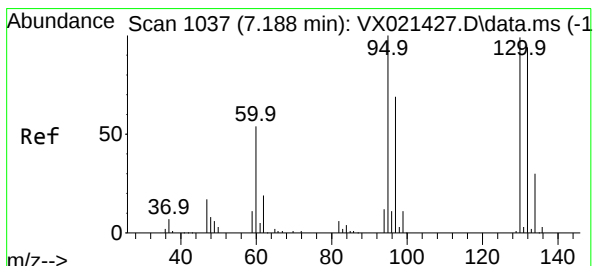
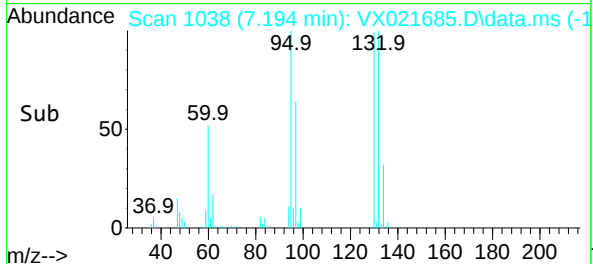
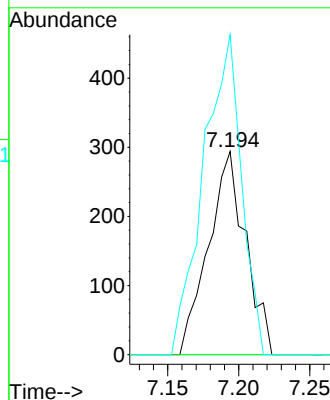
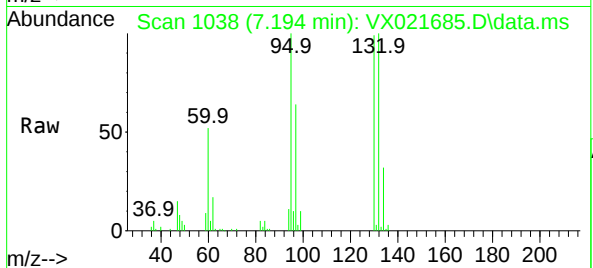
Delta R.T. -0.241 min

Lab File: VX021685.D

Acq: 31 Mar 2021 15:14

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 83	Resp: 535
Ion Ratio	Lower Upper
83	100
55	0.0 58.9 88.3#
98	157.5 38.1 57.1#



#44

Trichloroethene

Concen: 43.30 ug/l

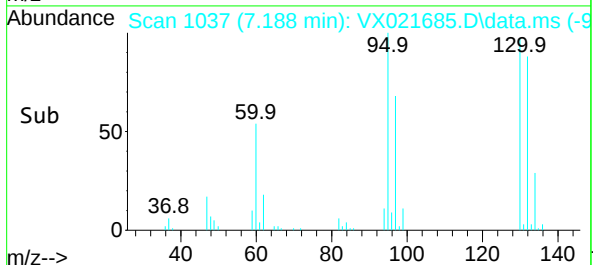
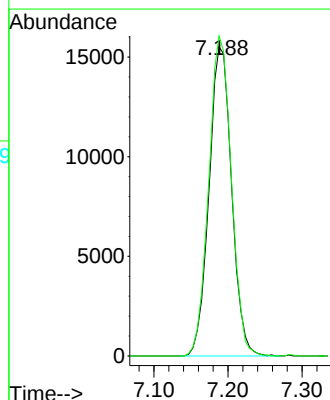
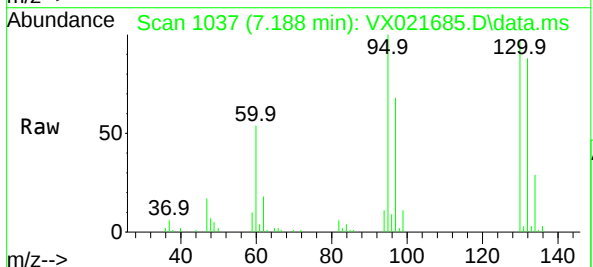
RT: 7.188 min Scan# 1037

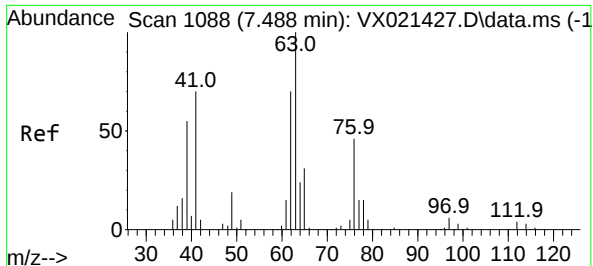
Delta R.T. 0.000 min

Lab File: VX021685.D

Acq: 31 Mar 2021 15:14

Tgt Ion: 130	Resp: 32843
Ion Ratio	Lower Upper
130	100
95	103.5 0.0 198.0



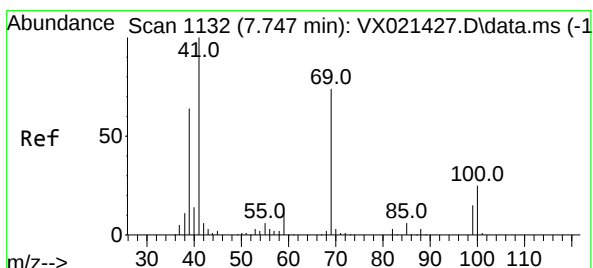
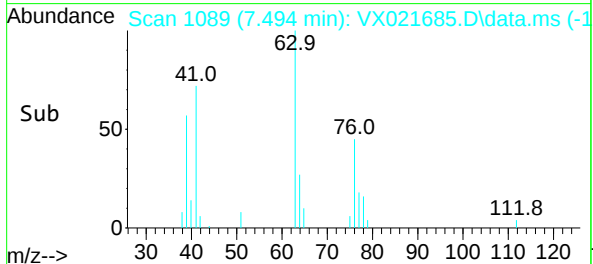
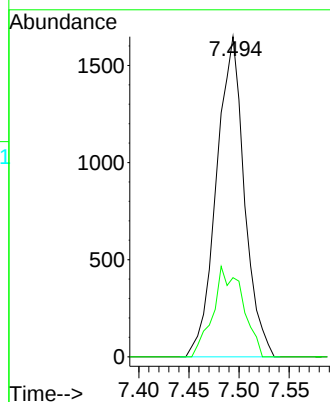
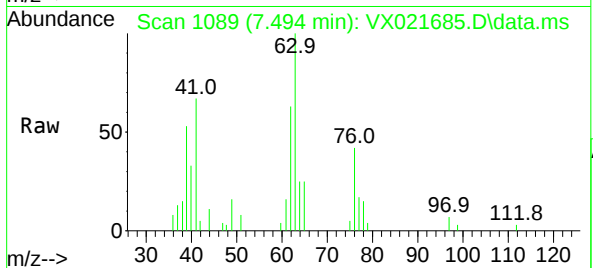


#45

1,2-Dichloropropane
Concen: 4.10 ug/l
RT: 7.494 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14

Instrument :
MSVOA_X
ClientSampled :

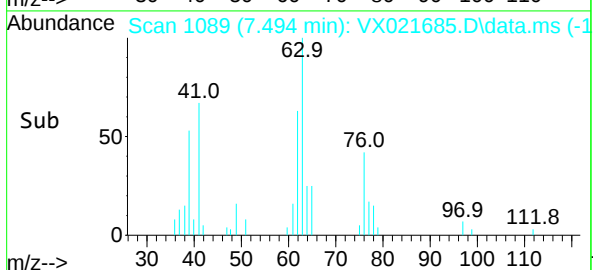
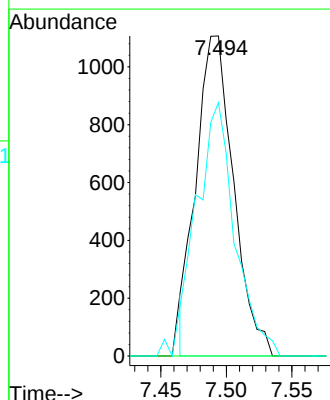
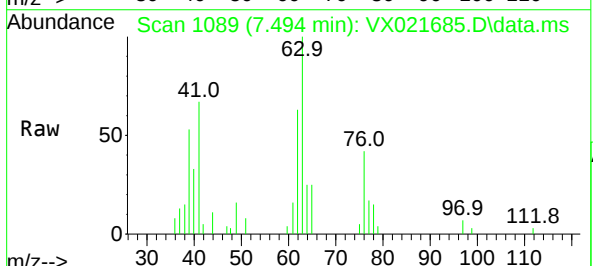
Tgt Ion: 63 Resp: 3189
Ion Ratio Lower Upper
63 100
65 24.7 25.7 38.5#

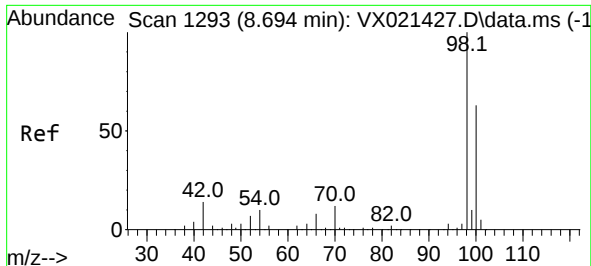


#48

Methyl methacrylate
Concen: 2.16 ug/l
RT: 7.494 min Scan# 1089
Delta R.T. -0.253 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14

Tgt Ion: 41 Resp: 2189
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 79.7 44.6 67.0#

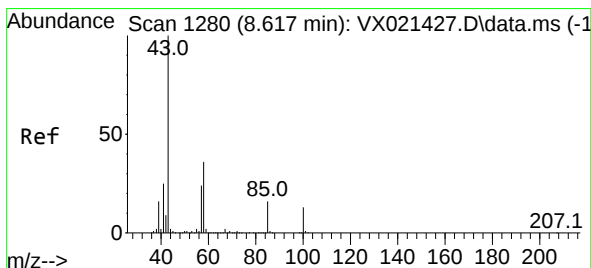
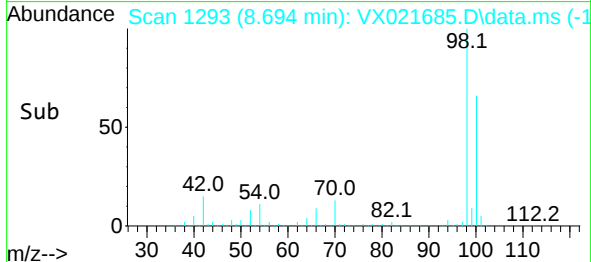
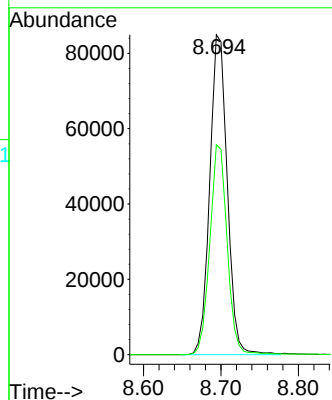
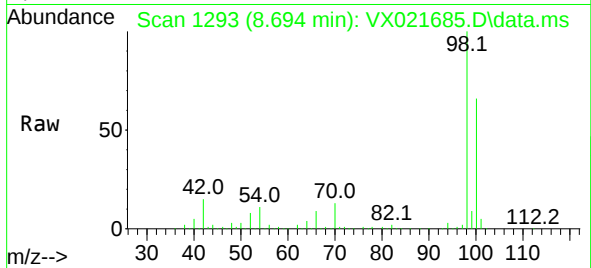




#50
Toluene-d8
Concen: 51.07 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14

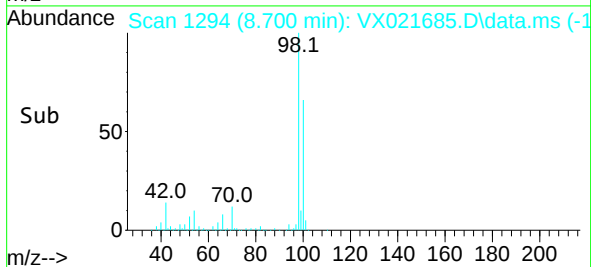
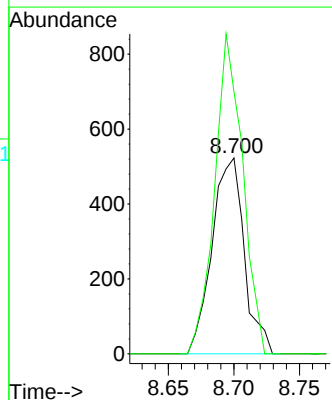
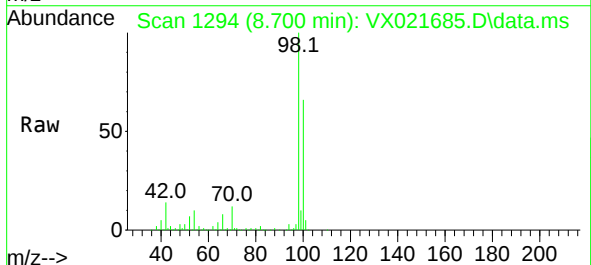
Instrument :
MSVOA_X
ClientSampled :

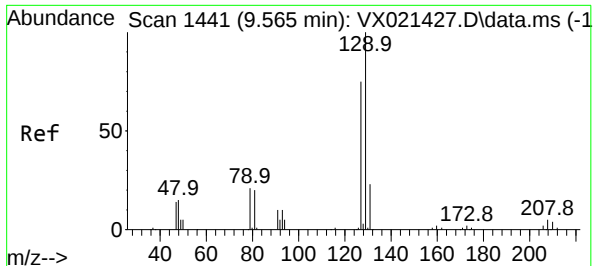
Tgt Ion: 98 Resp: 133549
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.76 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.083 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14

Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
58 142.1 35.4 53.0#

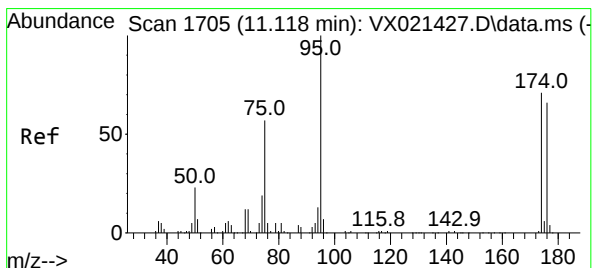
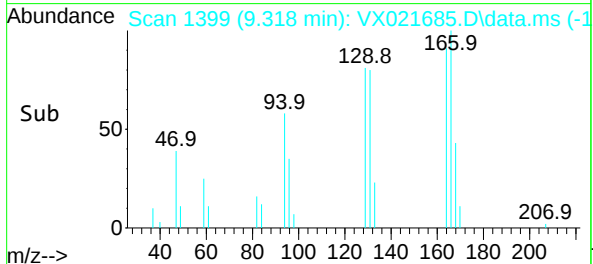
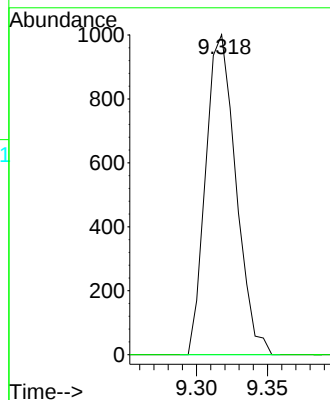
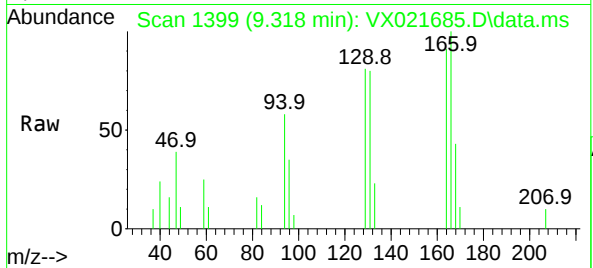




#60
Dibromochloromethane
Concen: 1.77 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14

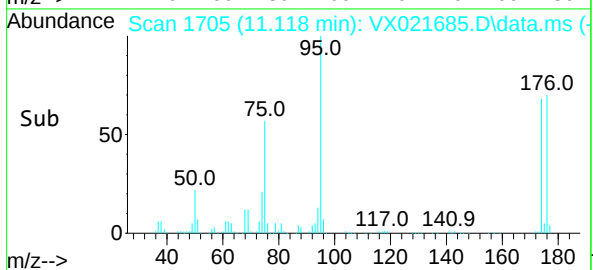
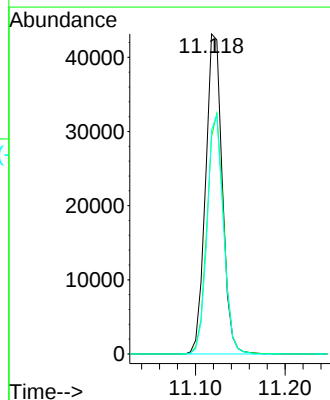
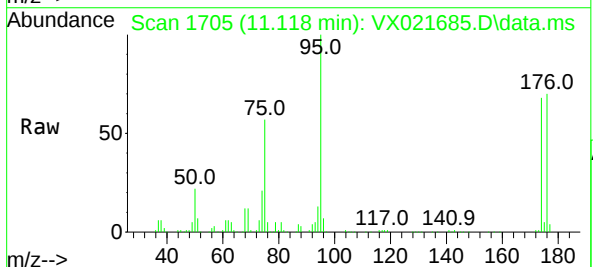
Instrument :
MSVOA_X
ClientSampleId :

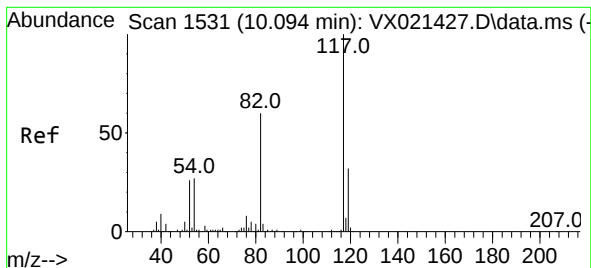
Tgt Ion:129 Resp: 1483
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 54.85 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14

Tgt Ion: 95 Resp: 55765
Ion Ratio Lower Upper
95 100
174 74.8 0.0 154.6
176 72.4 0.0 155.8

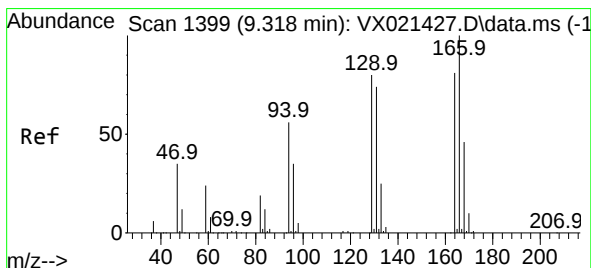
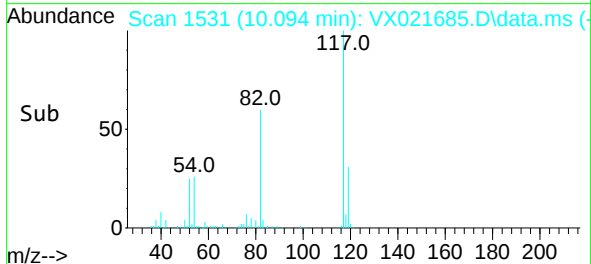
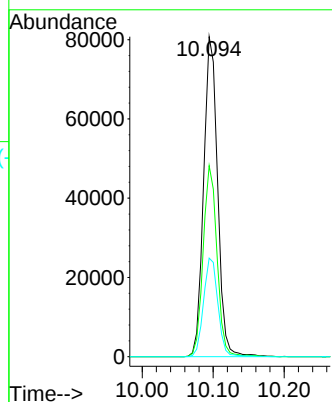
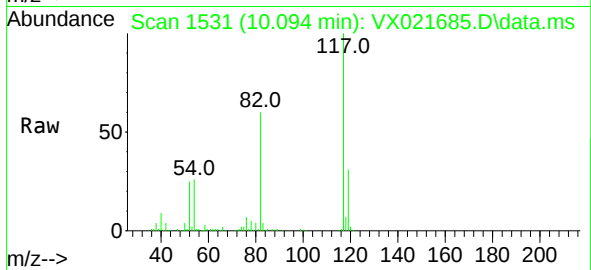




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14

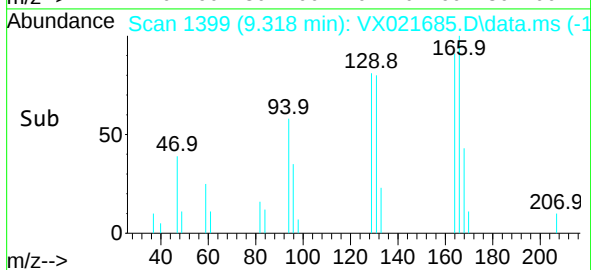
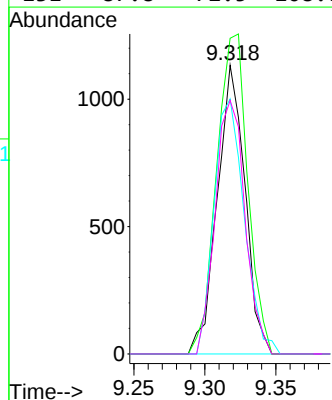
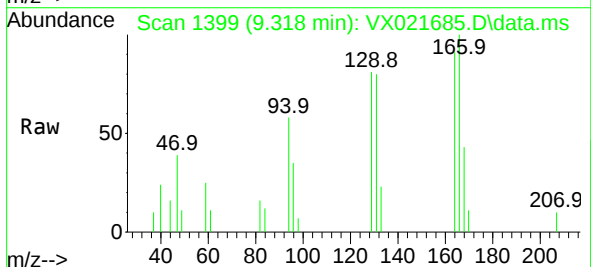
Instrument :
MSVOA_X
ClientSampled :

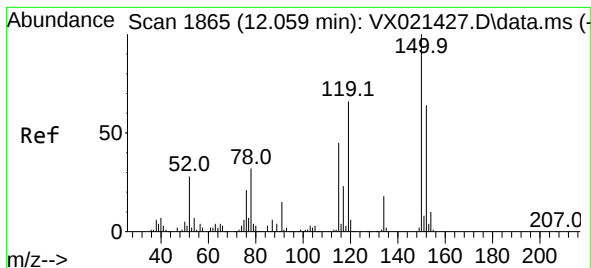
Tgt Ion:117 Resp: 111013
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 30.8 26.6 39.8



#64
Tetrachloroethene
Concen: 2.07 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021685.D
Acq: 31 Mar 2021 15:14

Tgt Ion:164 Resp: 1537
Ion Ratio Lower Upper
164 100
166 109.4 103.4 155.2
129 88.3 70.8 106.2
131 87.8 72.5 108.7

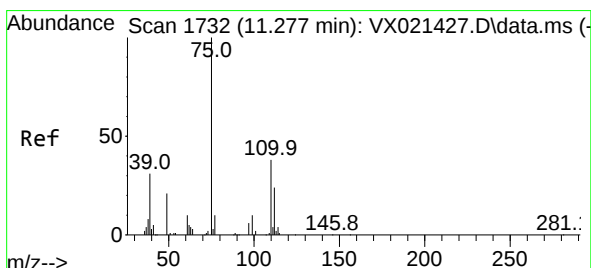
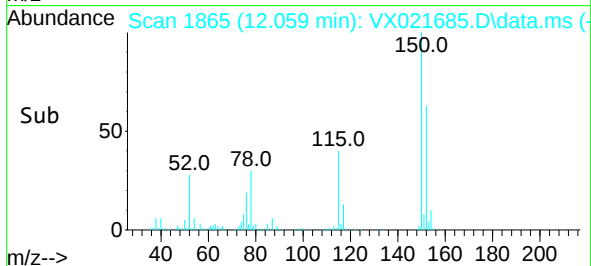
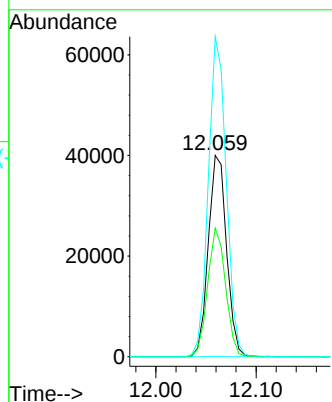
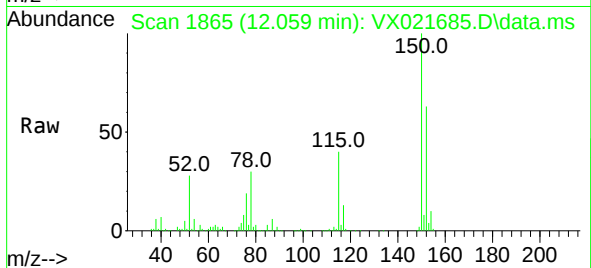




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021685.D
 Acq: 31 Mar 2021 15:14

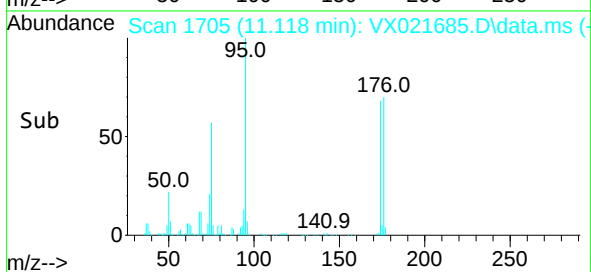
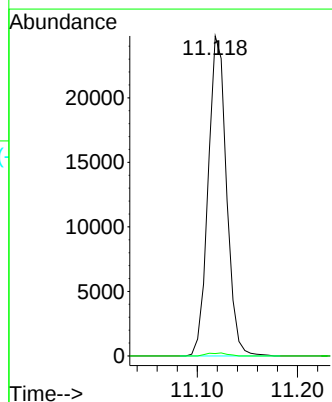
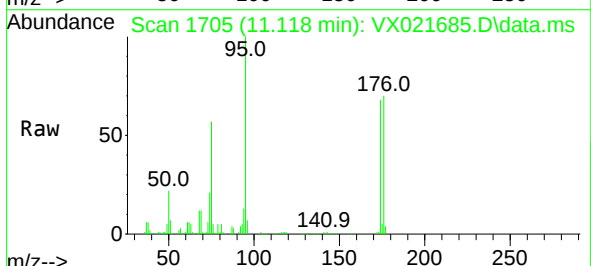
Instrument :
 MSVOA_X
 ClientSampleId :

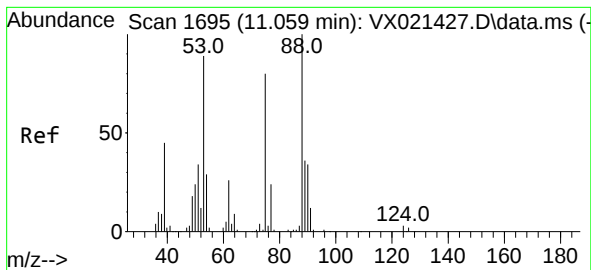
Tgt Ion:152 Resp: 50673
 Ion Ratio Lower Upper
 152 100
 115 62.4 41.1 123.3
 150 155.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.66 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021685.D
 Acq: 31 Mar 2021 15:14

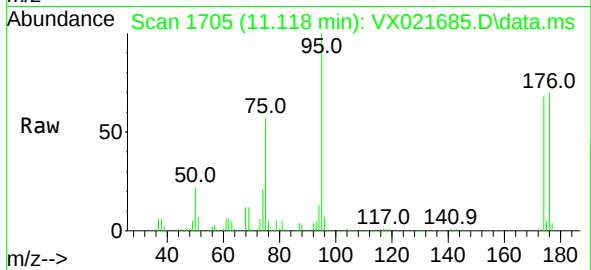
Tgt Ion: 75 Resp: 31452
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.21 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021685.D
 Acq: 31 Mar 2021 15:14

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 31452
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

