

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022895.D
 Acq On : 25 Jun 2021 02:46
 Operator : JC/MD
 Sample : M2838-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 25 05:43:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

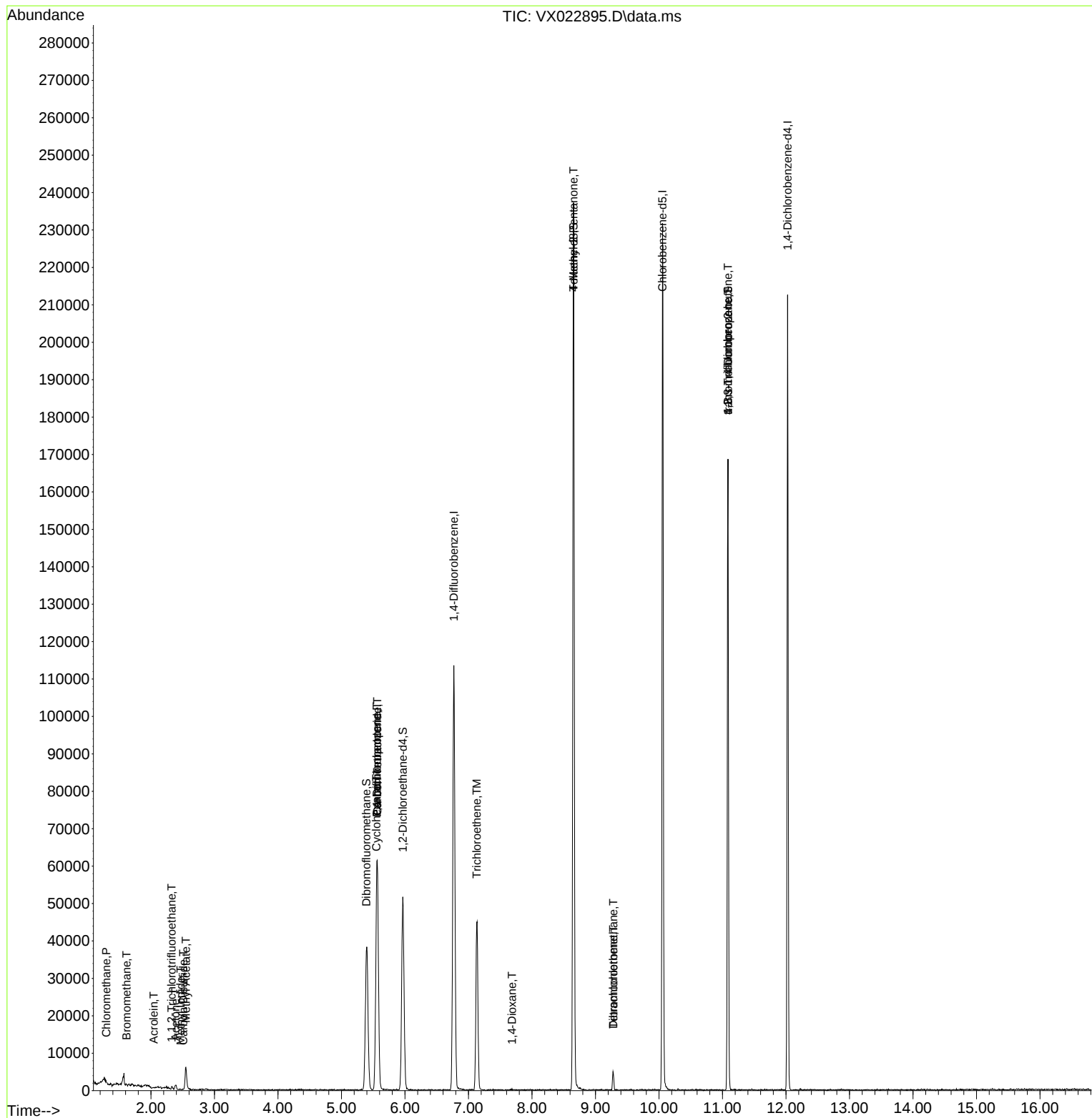
Internal Standards						
1) Pentafluorobenzene	5.556	168	52016	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	106326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47243	50.05	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.10%	
35) Dibromofluoromethane	5.391	113	32865	48.67	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.34%	
50) Toluene-d8	8.653	98	132402	50.03	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.06%	
62) 4-Bromofluorobenzene	11.086	95	44994	45.56	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.12%	
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	183	0.23	ug/l	# 42
5) Bromomethane	1.618	94	161	0.39	ug/l	# 2
9) 1,1,2-Trichlorotrifluo...	2.325	101	245	0.36	ug/l	# 88
10) Methyl Iodide	2.465	142	59	3.95	ug/l	# 42
13) Acrolein	2.044	56	65	0.53	ug/l	# 14
16) Acetone	2.386	43	1292	3.09	ug/l	89
17) Carbon Disulfide	2.508	76	151	3.59	ug/l	# 75
18) Methyl Acetate	2.550	43	2143	2.08	ug/l	# 47
31) Cyclohexane	5.550	56	1745	1.31	ug/l	# 47
36) 1,1-Dichloropropene	5.556	75	5179	4.59	ug/l	# 45
38) Carbon Tetrachloride	5.562	117	6319	6.67	ug/l	# 17
44) Trichloroethene	7.129	130	16155	20.92	ug/l	100
49) 1,4-Dioxane	7.684	88	210	10.02	ug/l	# 62
51) 4-Methyl-2-Pentanone	8.653	43	699	0.53	ug/l	# 1
60) Dibromochloromethane	9.281	129	718	4.51	ug/l	# 11
64) Tetrachloroethene	9.281	164	845	1.26	ug/l	97
76) 1,2,3-Trichloropropane	11.086	75	24490	25.47	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.086	75	24490	66.36	ug/l	# 12

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

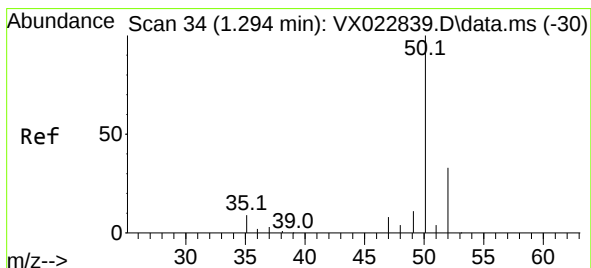
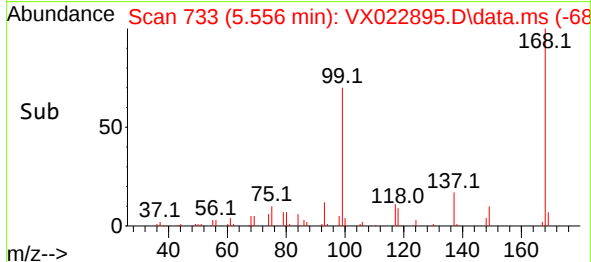
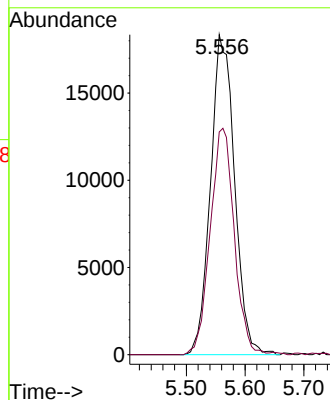
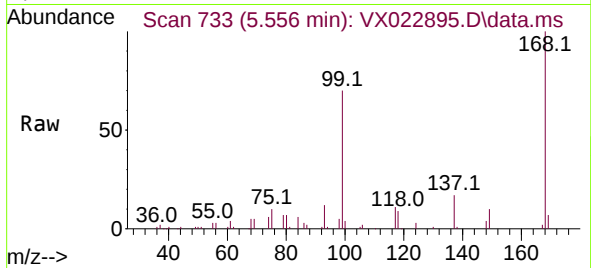




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.000 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

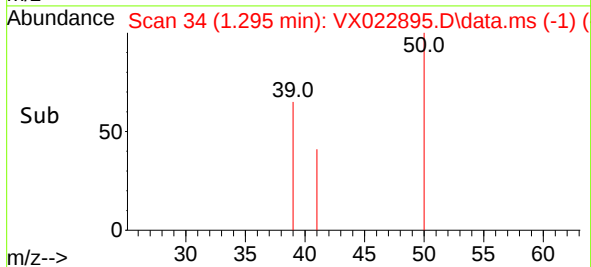
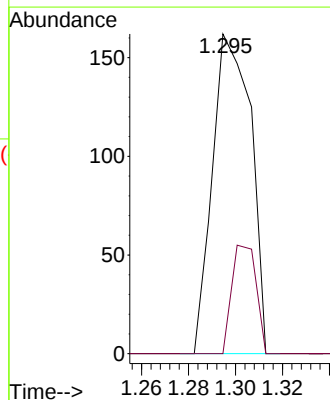
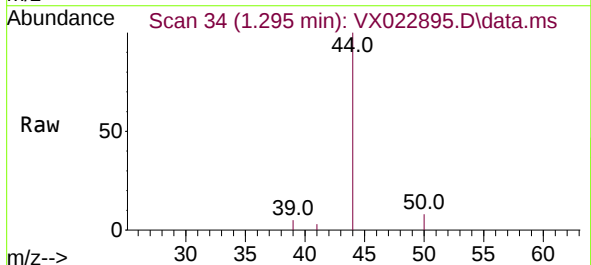
Instrument :
MSVOA_X
ClientSampleId :

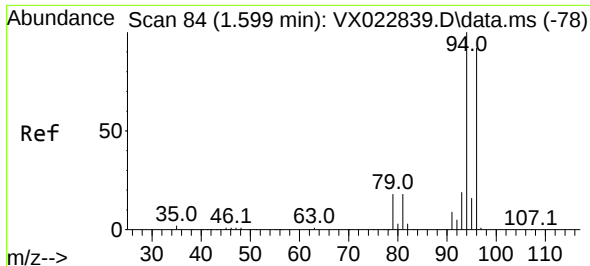
Tgt Ion:168 Resp: 52016
Ion Ratio Lower Upper
168 100
99 69.6 45.8 68.6#



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

Tgt Ion: 50 Resp: 183
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

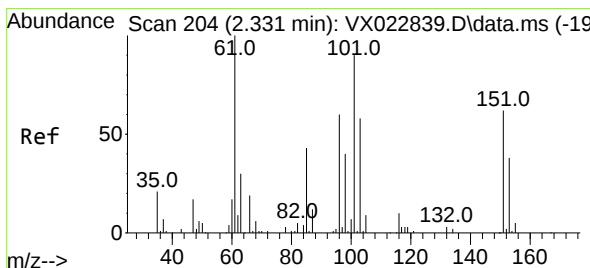
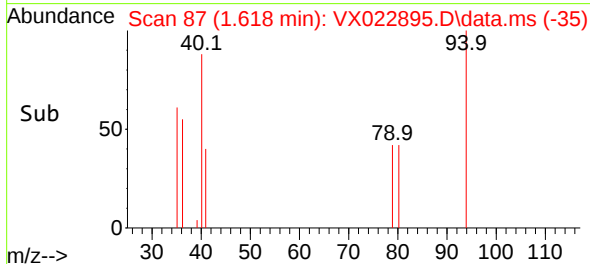
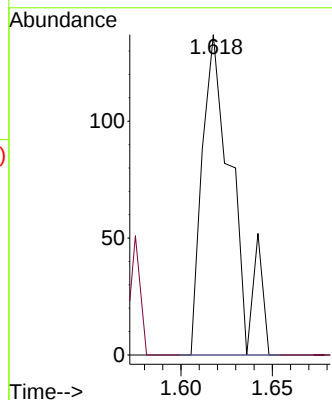
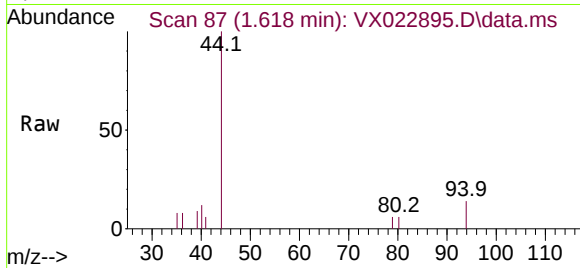




#5
Bromomethane
Concen: 0.39 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

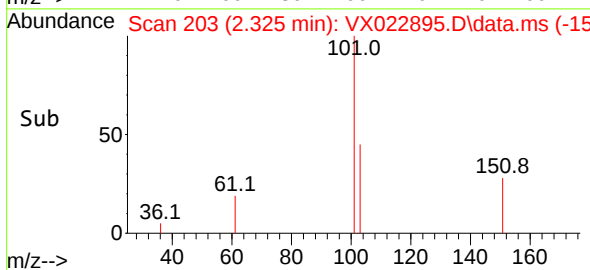
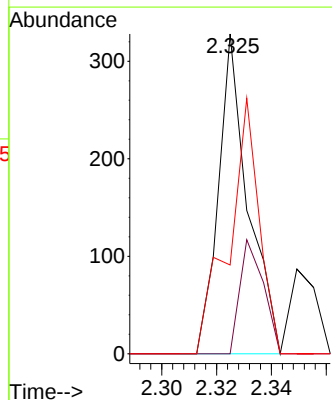
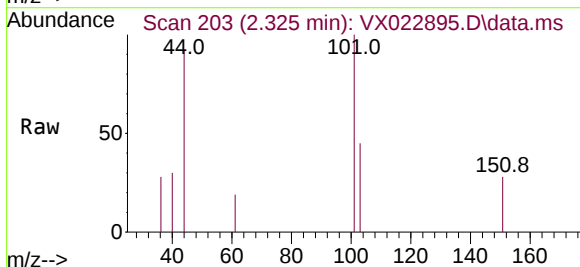
Instrument :
MSVOA_X
ClientSampled :

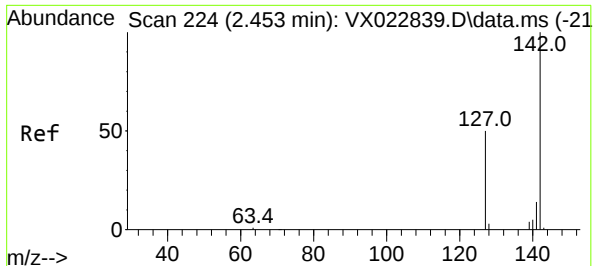
Tgt Ion: 94 Resp: 161
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.36 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

Tgt Ion: 101 Resp: 245
Ion Ratio Lower Upper
101 100
85 28.6 34.9 52.3#
151 82.0 61.4 92.2

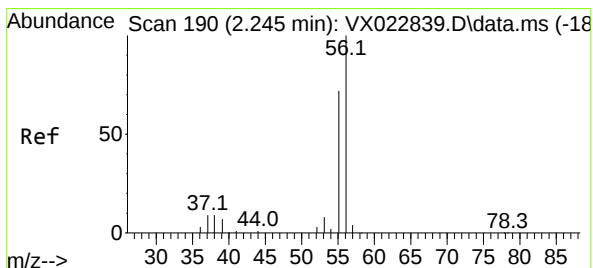
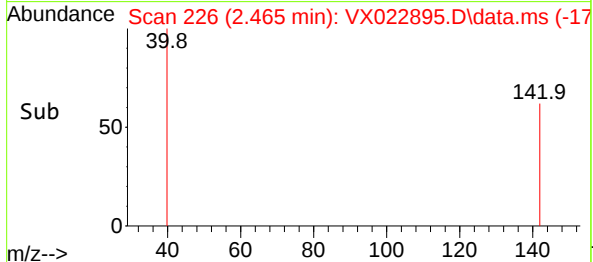
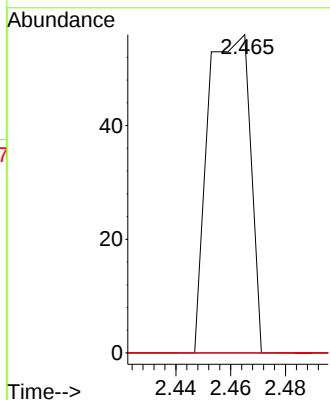
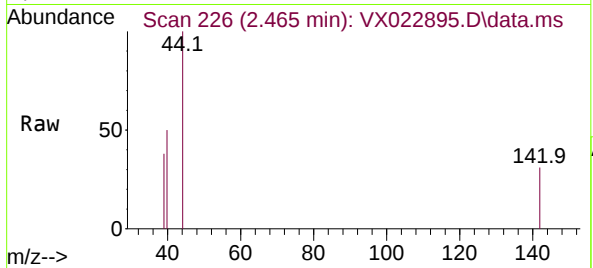




#10
Methyl Iodide
Concen: 3.95 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

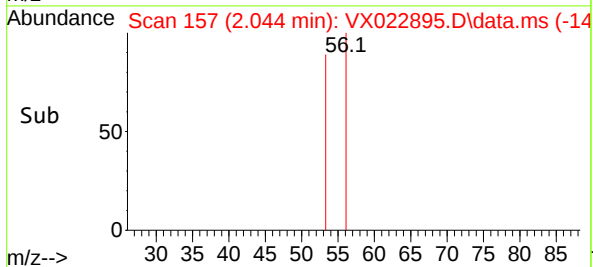
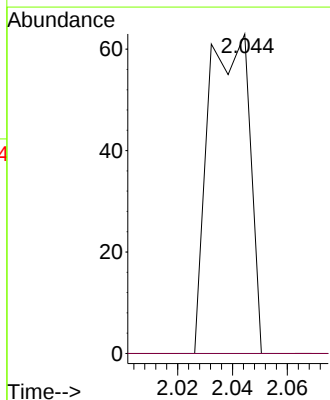
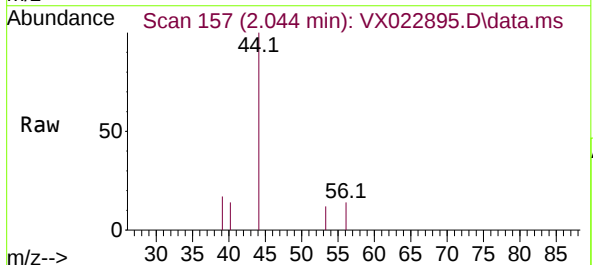
Instrument :
MSVOA_X
ClientSampled :

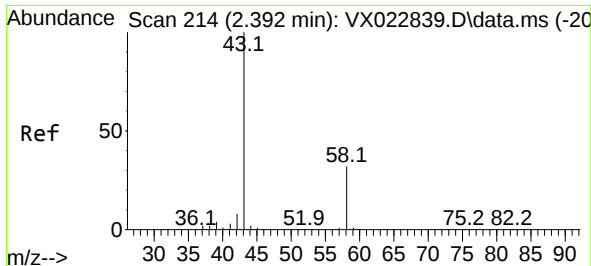
Tgt Ion:142 Resp: 59
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.53 ug/l
RT: 2.044 min Scan# 157
Delta R.T. -0.201 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

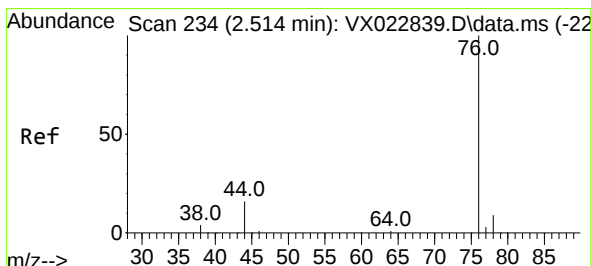
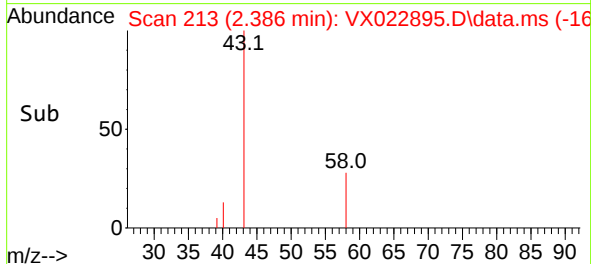
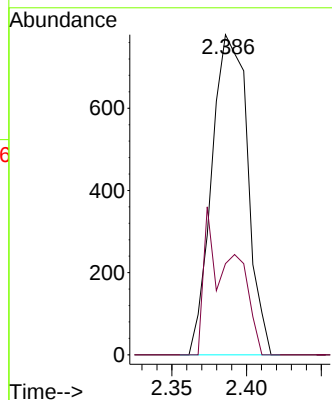
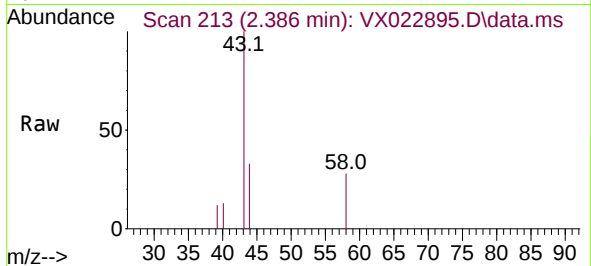




#16
Acetone
Concen: 3.09 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

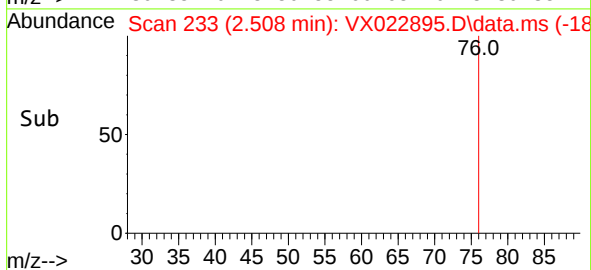
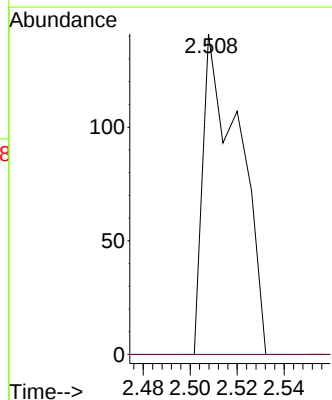
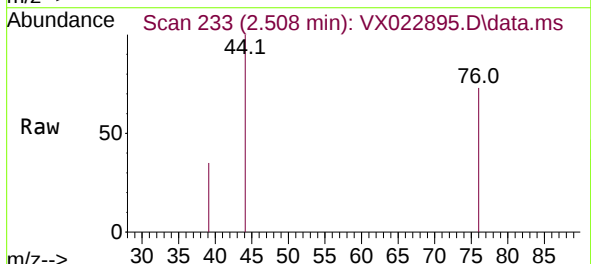
Instrument :
MSVOA_X
ClientSampled :

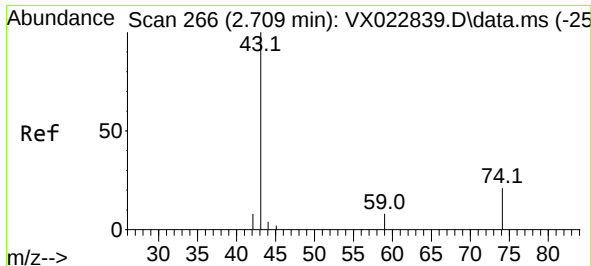
Tgt Ion: 43 Resp: 1292
Ion Ratio Lower Upper
43 100
58 28.5 27.8 41.8



#17
Carbon Disulfide
Concen: 3.59 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

Tgt Ion: 76 Resp: 151
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

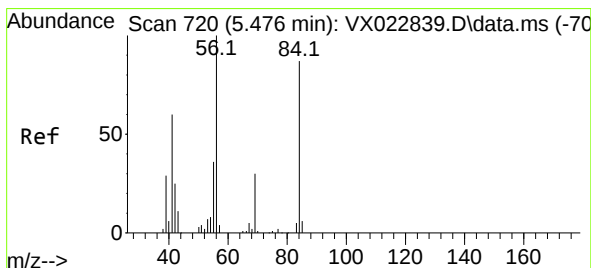
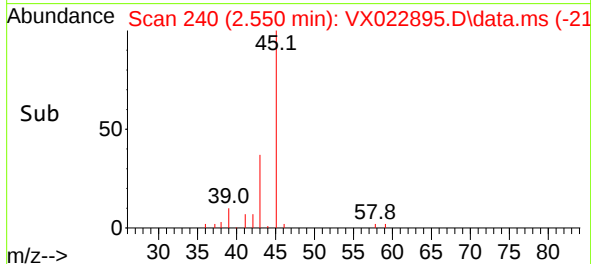
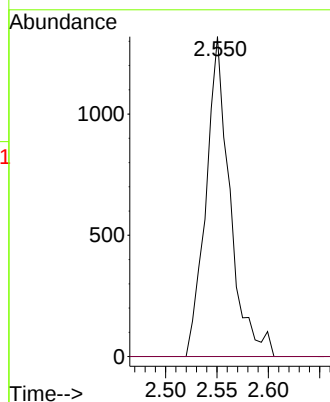
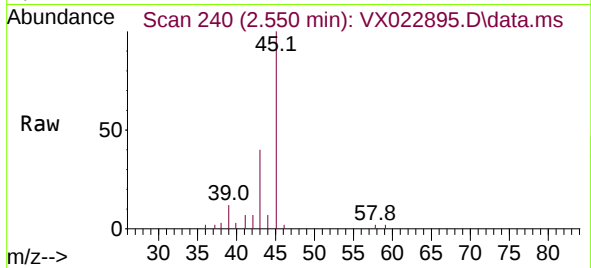




#18
Methyl Acetate
Concen: 2.08 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

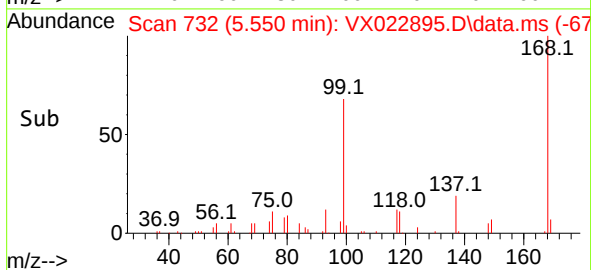
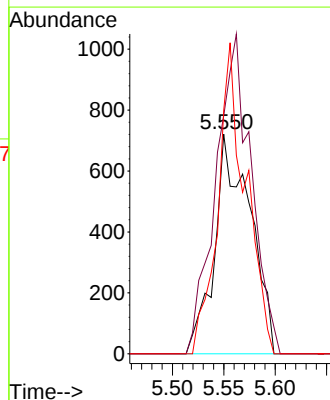
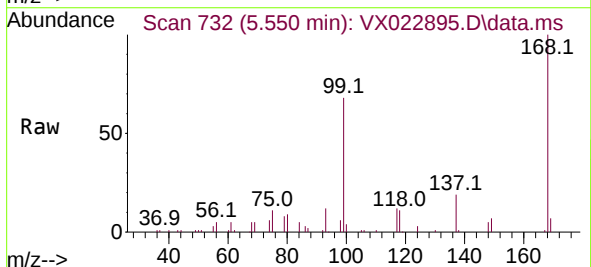
Instrument :
MSVOA_X
ClientSampled :

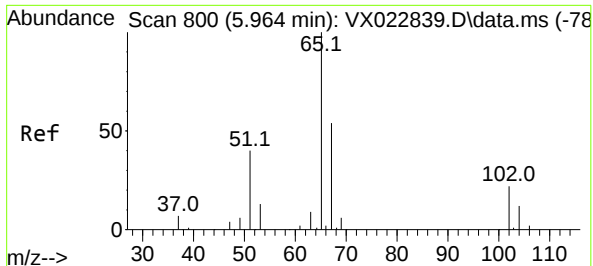
Tgt Ion: 43 Resp: 2143
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#31
Cyclohexane
Concen: 1.31 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

Tgt Ion: 56 Resp: 1745
Ion Ratio Lower Upper
56 100
69 108.3 25.3 37.9#
84 110.8 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.05 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022895.D

Acq: 25 Jun 2021 02:46

Tgt Ion: 65 Resp: 47243

Ion Ratio Lower Upper

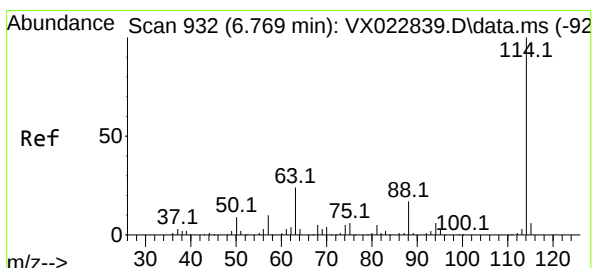
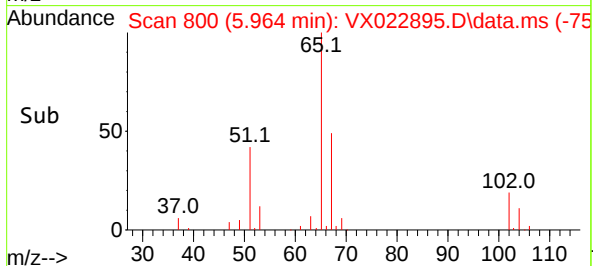
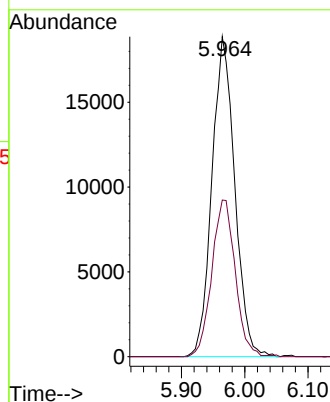
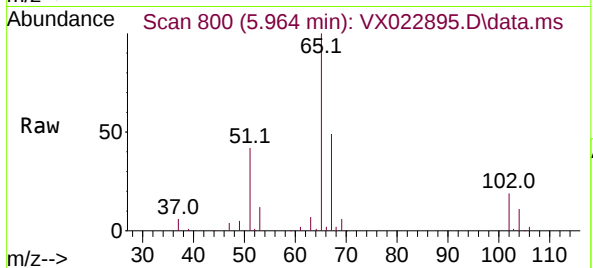
65 100

67 50.2 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022895.D

Acq: 25 Jun 2021 02:46

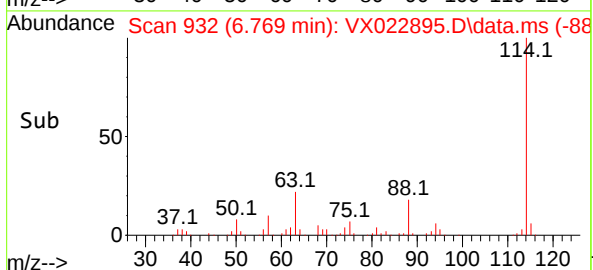
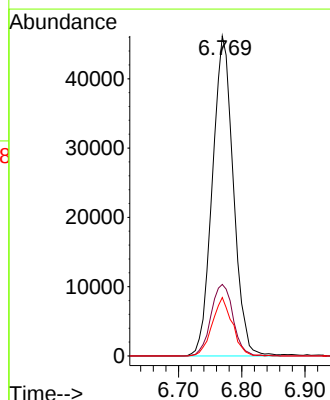
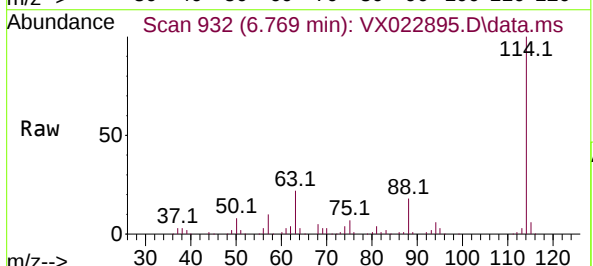
Tgt Ion: 114 Resp: 106326

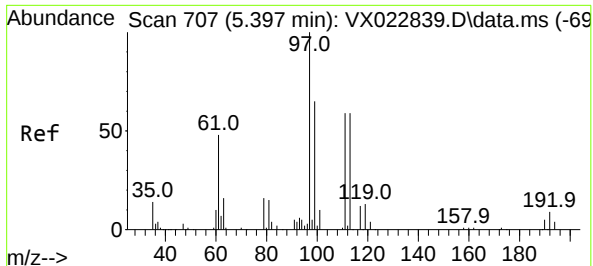
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.8

88 18.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.67 ug/l

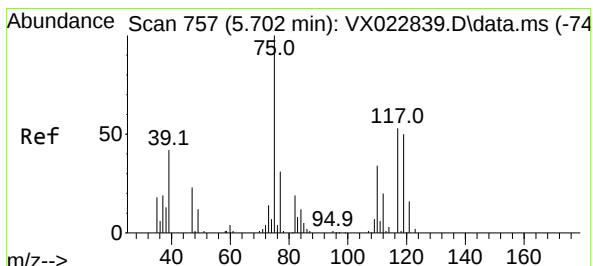
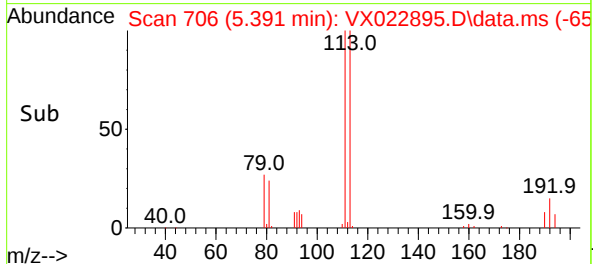
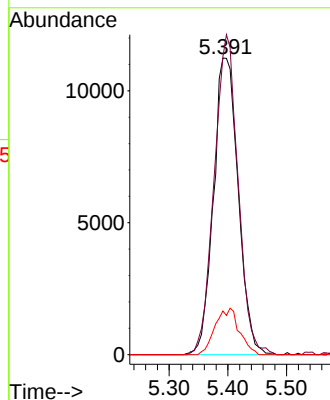
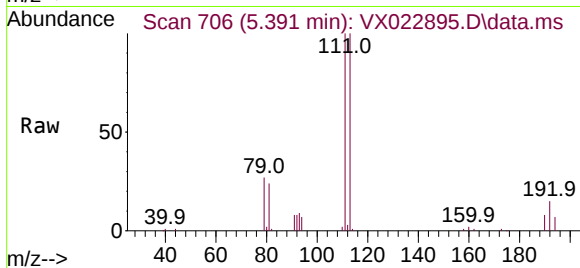
RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX022895.D

Acq: 25 Jun 2021 02:46

Tgt Ion:	113	Resp:	32865
Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.9	122.9
192	15.3	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 4.59 ug/l

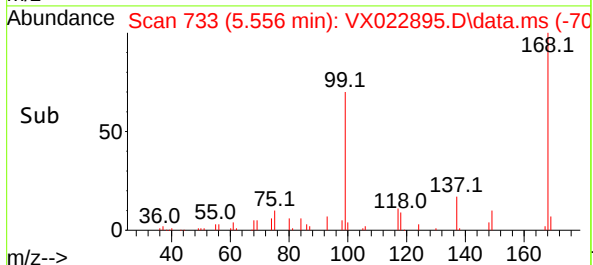
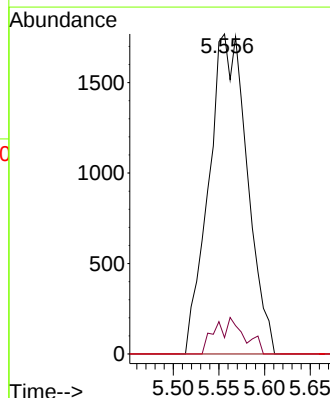
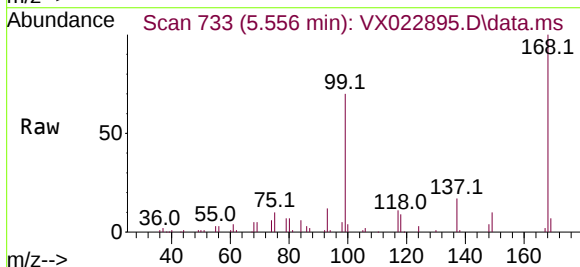
RT: 5.556 min Scan# 733

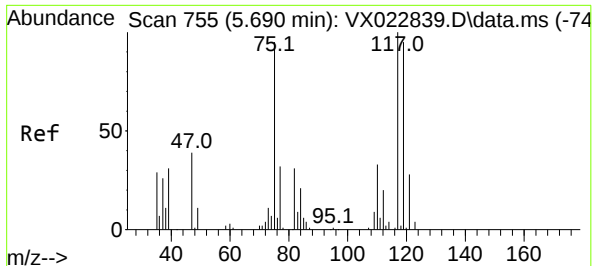
Delta R.T. -0.146 min

Lab File: VX022895.D

Acq: 25 Jun 2021 02:46

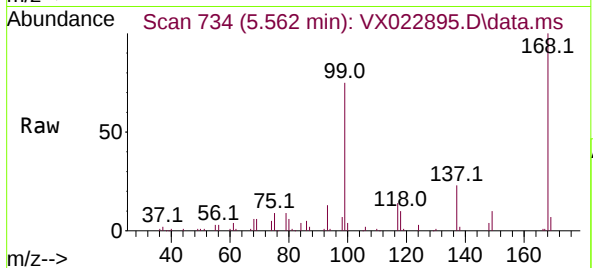
Tgt Ion:	75	Resp:	5179
Ion	Ratio	Lower	Upper
75	100		
110	5.1	18.1	54.4#
77	0.0	25.3	37.9#



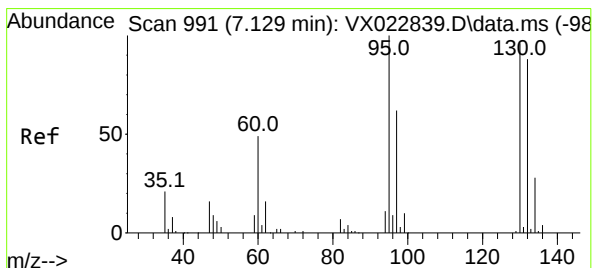
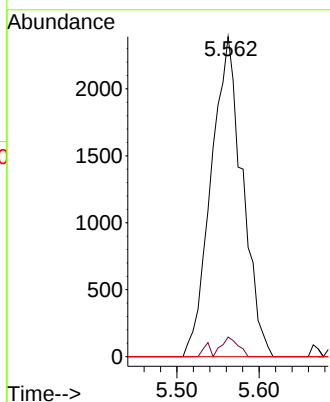
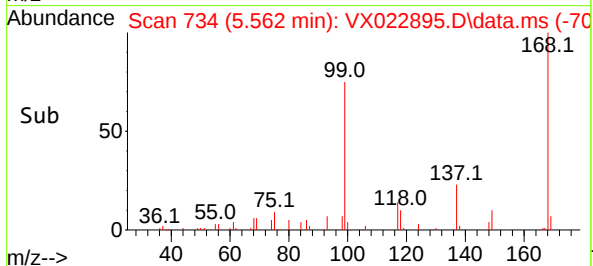


#38
Carbon Tetrachloride
Concen: 6.67 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

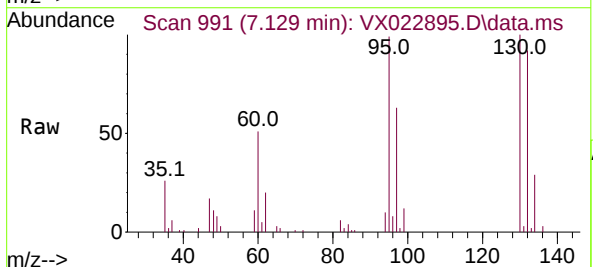
Instrument :
MSVOA_X
ClientSampled :



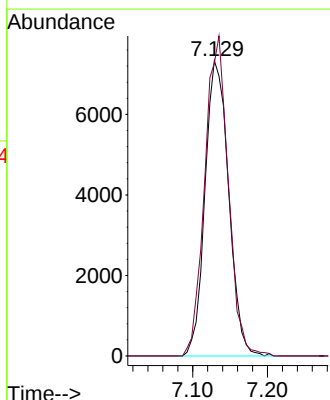
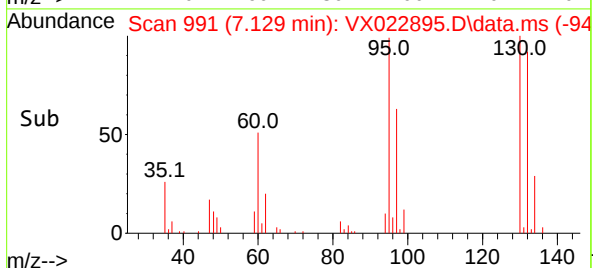
Tgt Ion:117 Resp: 6319
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

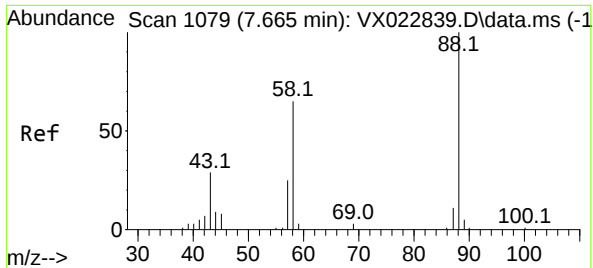


#44
Trichloroethene
Concen: 20.92 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46



Tgt Ion:130 Resp: 16155
Ion Ratio Lower Upper
130 100
95 99.1 0.0 198.0

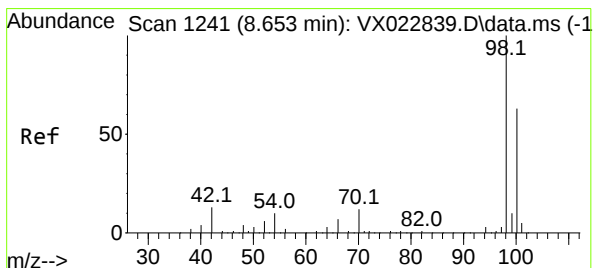
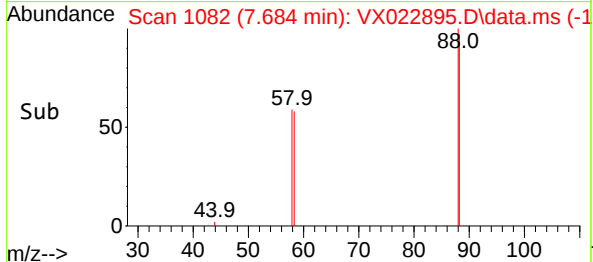
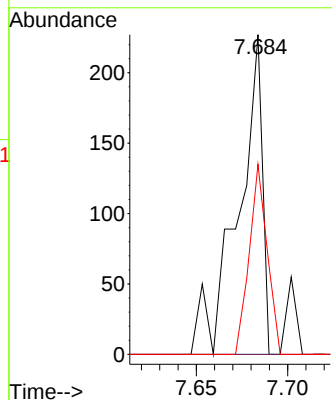
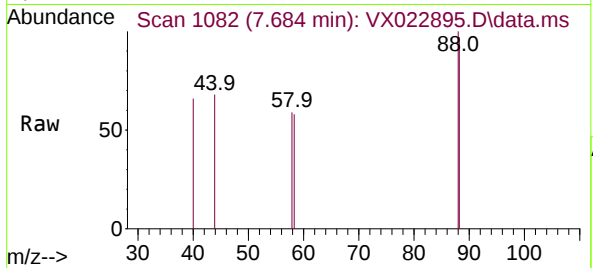




#49
1,4-Dioxane
Concen: 10.02 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.019 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

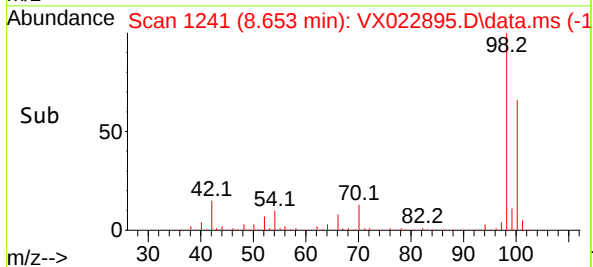
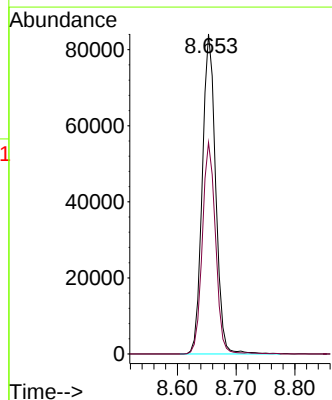
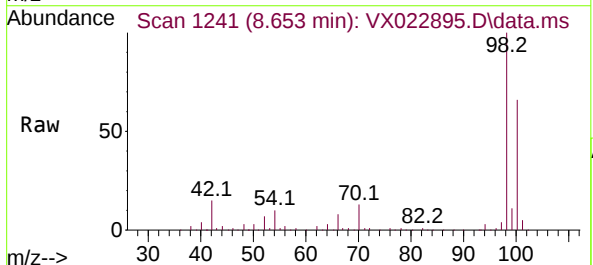
Instrument :
MSVOA_X
ClientSampled :

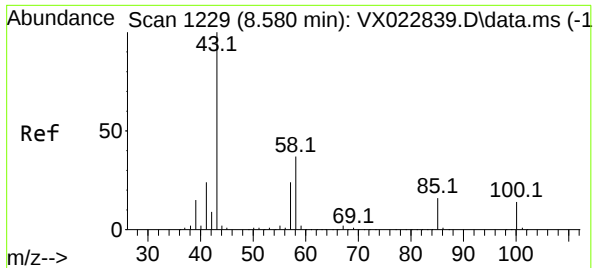
Tgt Ion: 88 Resp: 210
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 43.8 55.0 82.4#



#50
Toluene-d8
Concen: 50.03 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

Tgt Ion: 98 Resp: 132402
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

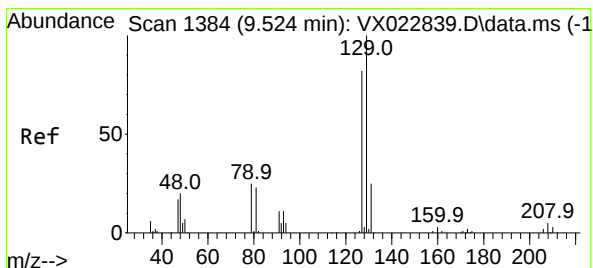
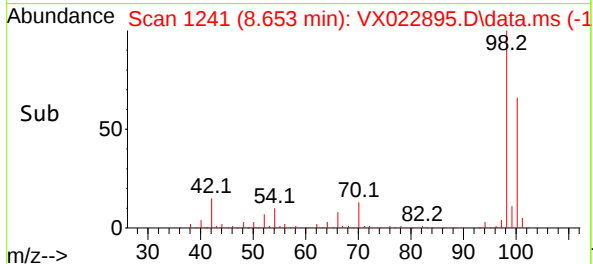
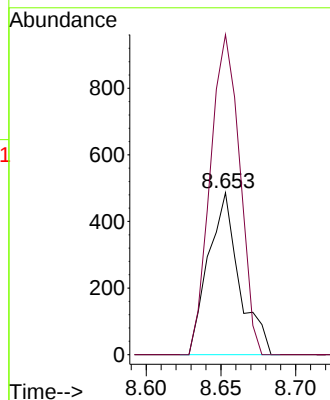
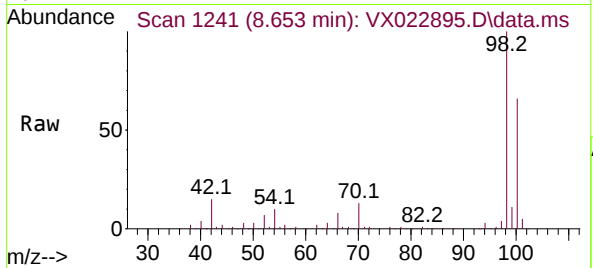




#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

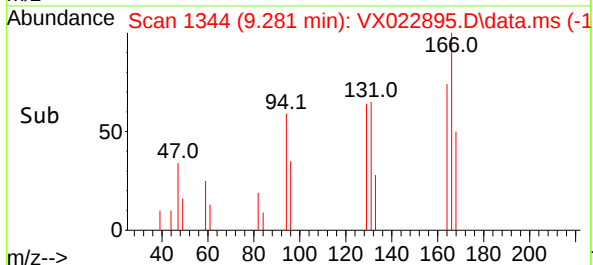
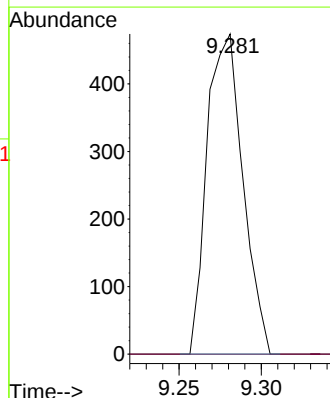
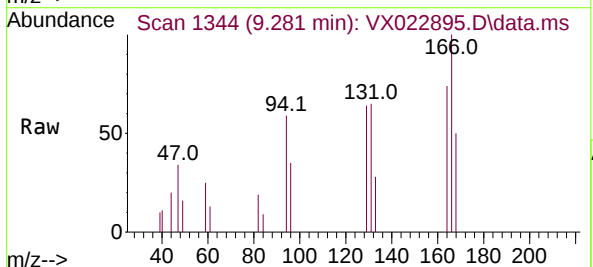
Instrument :
MSVOA_X
ClientSampled :

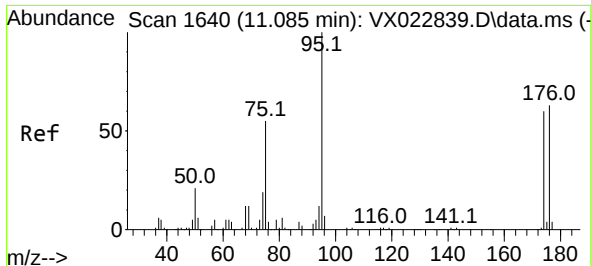
Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
58 188.7 35.4 53.0#



#60
Dibromochloromethane
Concen: 4.51 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

Tgt Ion: 129 Resp: 718
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

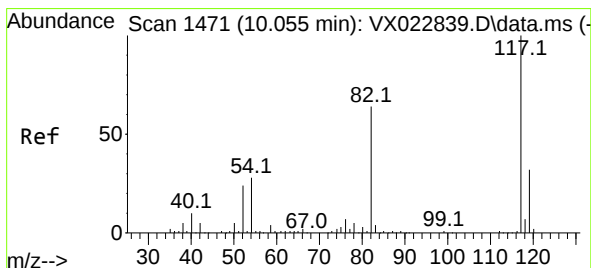
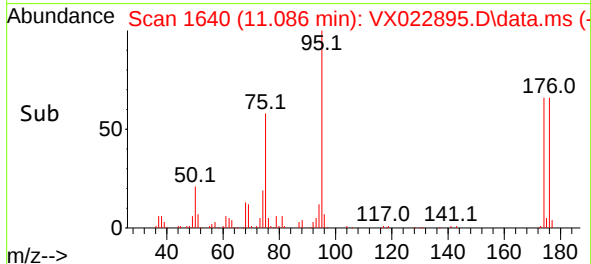
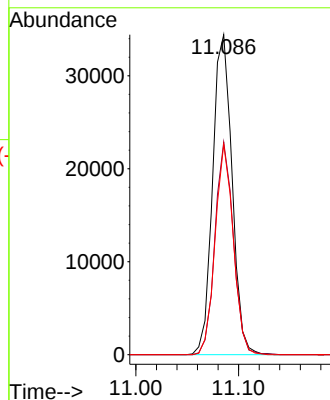
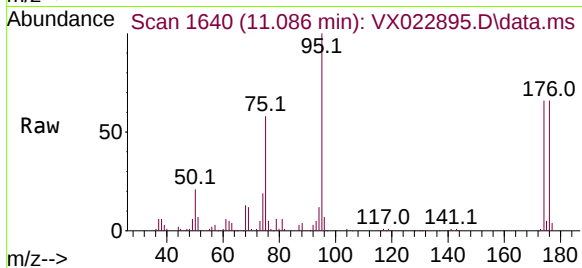




#62
4-Bromofluorobenzene
Concen: 45.56 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

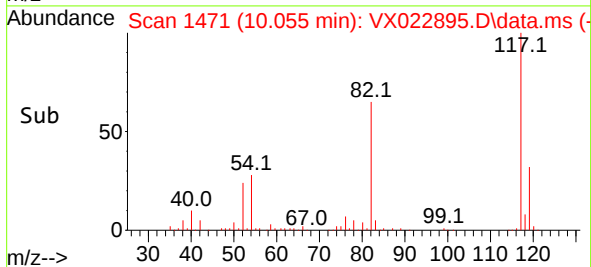
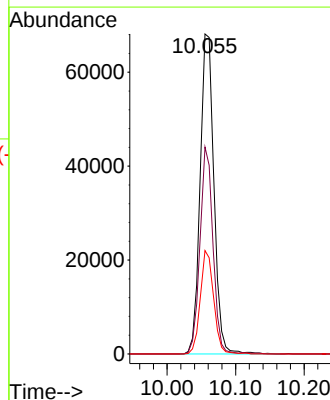
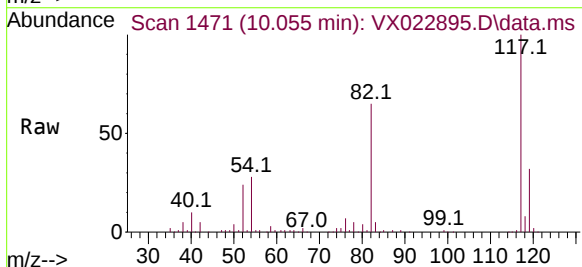
Instrument :
MSVOA_X
ClientSampleId :

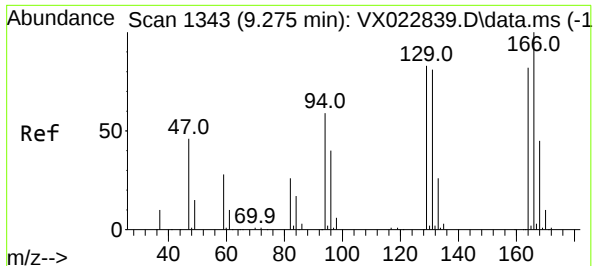
Tgt Ion: 95 Resp: 44994
Ion Ratio Lower Upper
95 100
174 62.9 0.0 154.6
176 61.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

Tgt Ion: 117 Resp: 95787
Ion Ratio Lower Upper
117 100
82 64.7 47.4 71.2
119 32.3 26.6 39.8



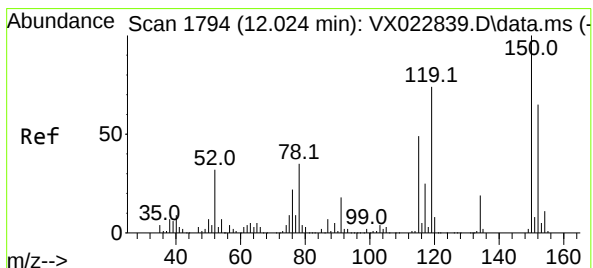
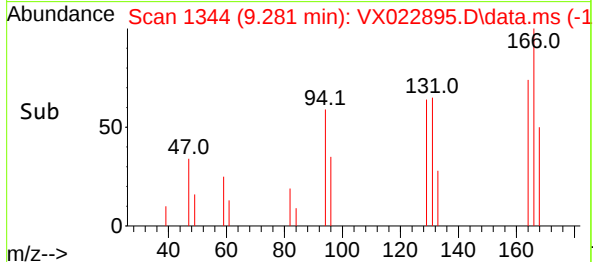
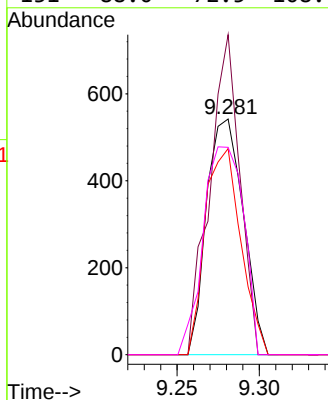
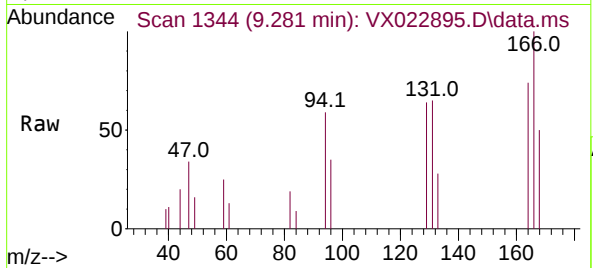


#64
Tetrachloroethene
Concen: 1.26 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:164 Resp: 845

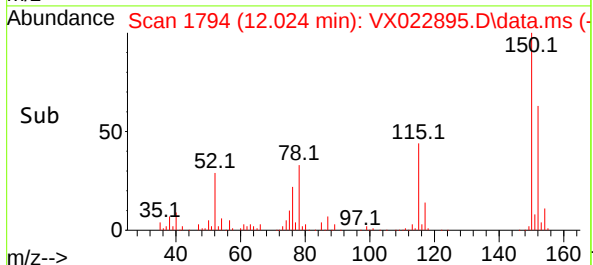
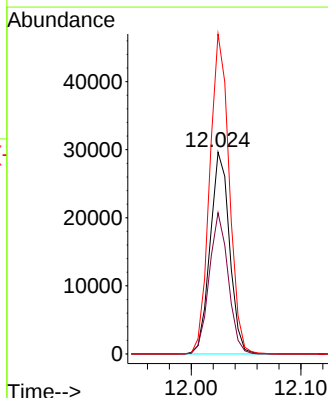
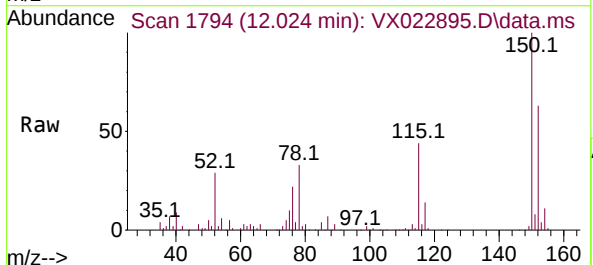
Ion	Ratio	Lower	Upper
164	100		
166	135.8	103.4	155.2
129	87.5	70.8	106.2
131	88.0	72.5	108.7

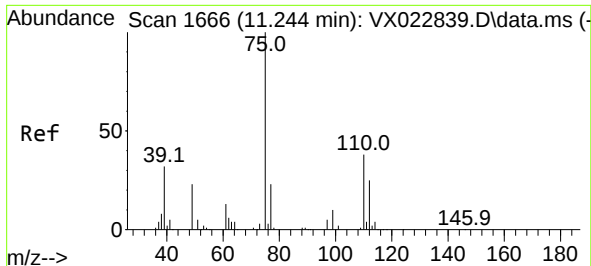


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

Tgt Ion:152 Resp: 36398

Ion	Ratio	Lower	Upper
152	100		
115	68.3	41.1	123.3
150	159.3	0.0	349.0

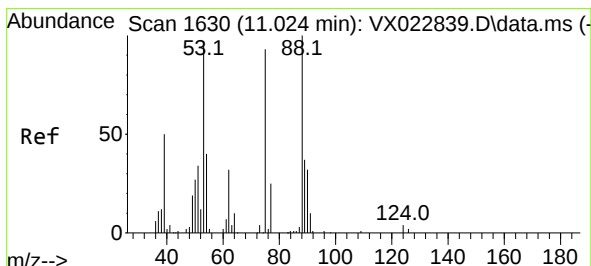
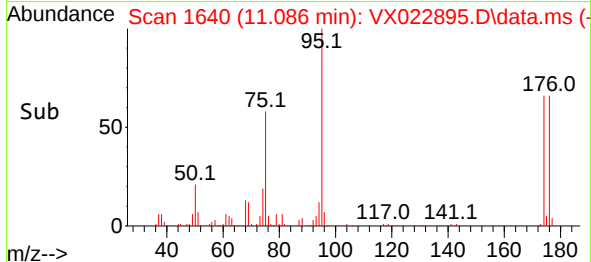
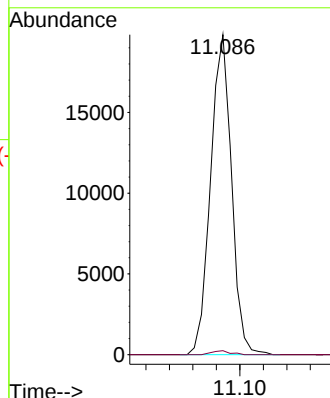
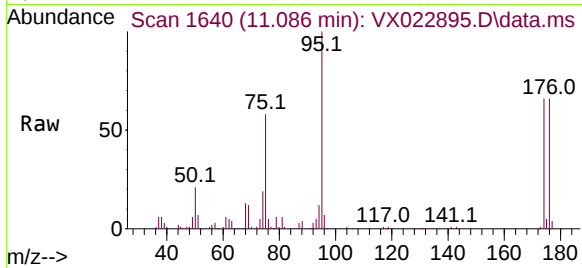




#76
1,2,3-Trichloropropane
Concen: 25.47 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 24490
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.36 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX022895.D
Acq: 25 Jun 2021 02:46

Tgt Ion: 75 Resp: 24490
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

