

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021492.D
 Acq On : 25 Mar 2021 17:29
 Operator : JC/MD
 Sample : M1787-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

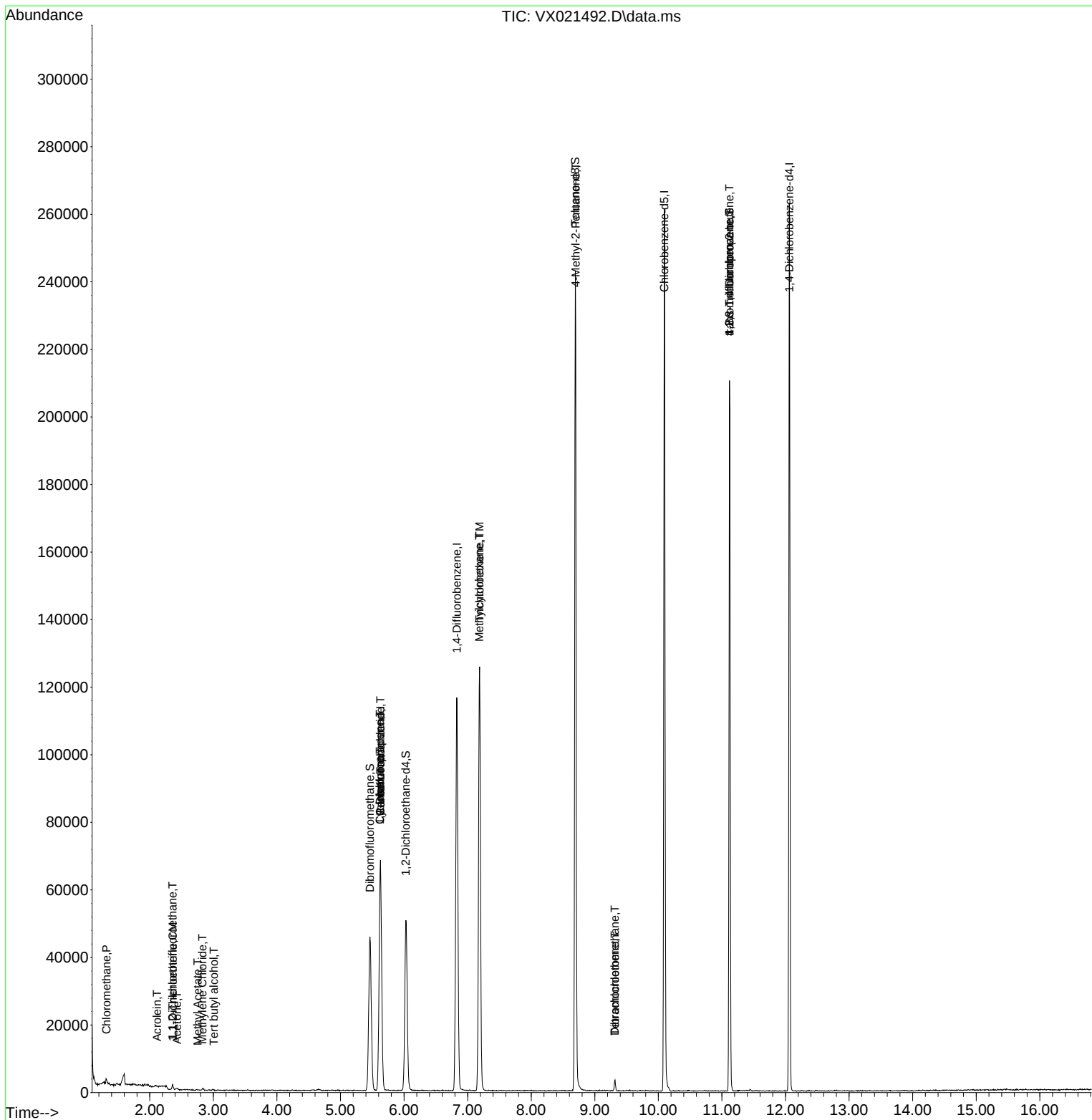
Quant Time: Mar 26 03:16:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

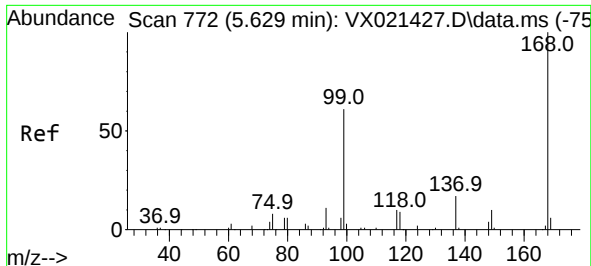
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	57336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	106219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	50021	52.43	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.86%
35) Dibromofluoromethane	5.464	113	37729	50.01	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.02%
50) Toluene-d8	8.694	98	135787	50.50	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.00%
62) 4-Bromofluorobenzene	11.118	95	53846	51.51	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.02%
Target Compounds						Qvalue
3) Chloromethane	1.317	50	2057	2.88	ug/l #	83
9) 1,1,2-Trichlorotrifluo...	2.358	101	417	0.71	ug/l #	84
11) Tert butyl alcohol	3.005	59	38	0.24	ug/l #	73
12) 1,1-Dichloroethene	2.364	96	200	0.35	ug/l #	68
13) Acrolein	2.117	56	19	4.53	ug/l #	1
16) Acetone	2.429	43	522	1.45	ug/l	96
18) Methyl Acetate	2.752	43	361	0.35	ug/l #	47
20) Methylene Chloride	2.829	84	237	0.34	ug/l #	86
31) Cyclohexane	5.623	56	1675	1.60	ug/l #	46
36) 1,1-Dichloropropene	5.623	75	5511	5.30	ug/l #	48
38) Carbon Tetrachloride	5.629	117	6524	5.83	ug/l #	15
39) Methylcyclohexane	7.182	83	588	0.51	ug/l #	1
44) Trichloroethene	7.188	130	44233	56.72	ug/l	95
51) 4-Methyl-2-Pentanone	8.700	43	850	0.71	ug/l #	1
60) Dibromochloromethane	9.318	129	513	0.59	ug/l #	11
64) Tetrachloroethene	9.318	164	475	0.65	ug/l	92
76) 1,2,3-Trichloropropane	11.118	75	31186	27.82	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31186	84.74	ug/l #	12

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

Quant Time: Mar 26 03:16:35 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

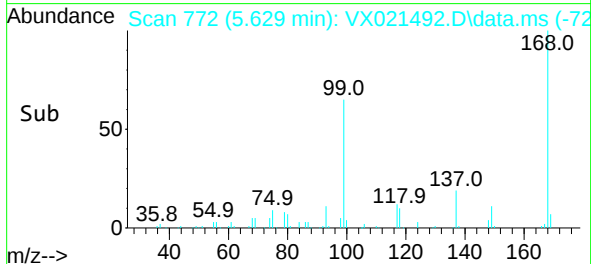
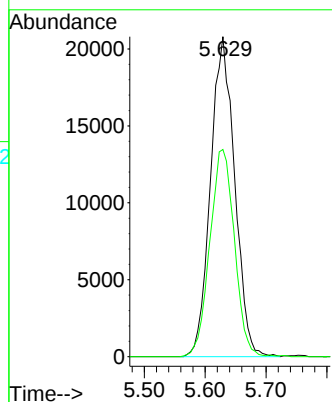
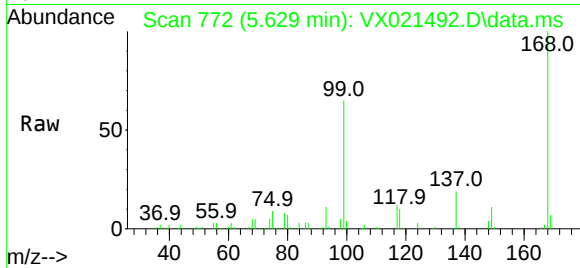




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

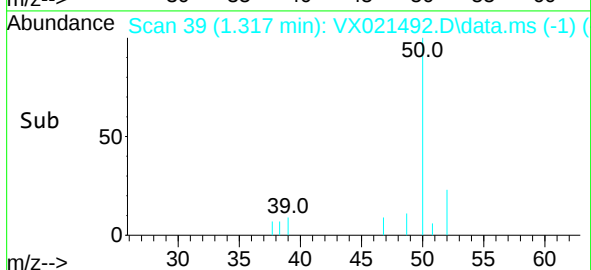
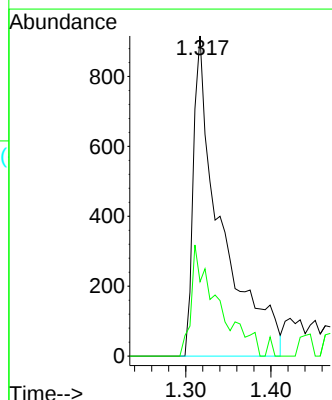
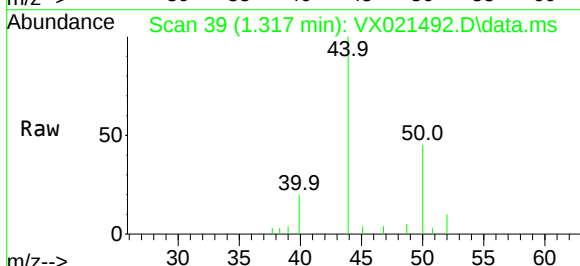
Instrument :
MSVOA_X
ClientSampleId :

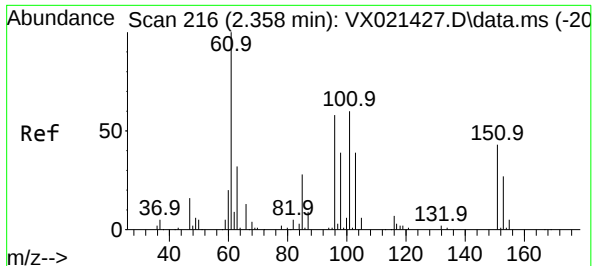
Tgt Ion:168 Resp: 57336
Ion Ratio Lower Upper
168 100
99 64.7 45.8 68.6



#3
Chloromethane
Concen: 2.88 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

Tgt Ion: 50 Resp: 2057
Ion Ratio Lower Upper
50 100
52 23.3 26.4 39.6#

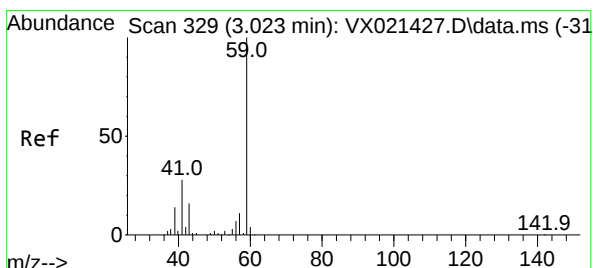
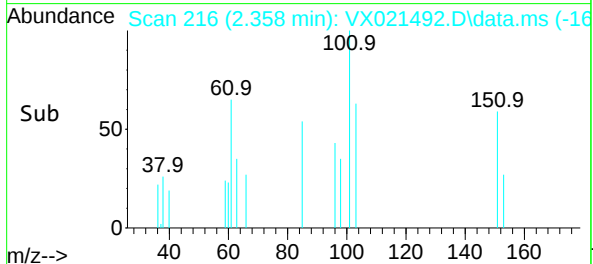
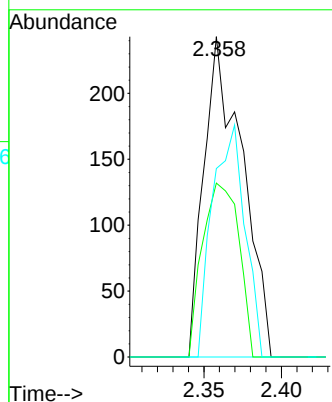
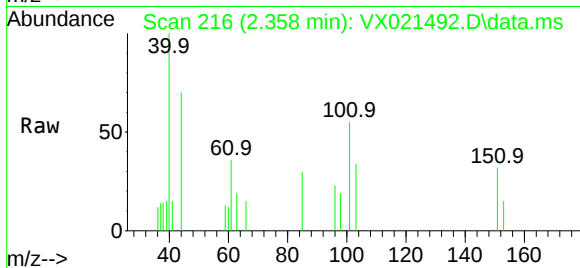




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.71 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

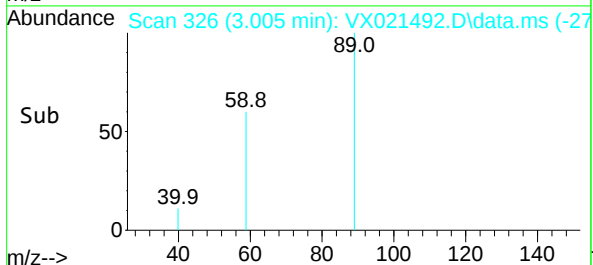
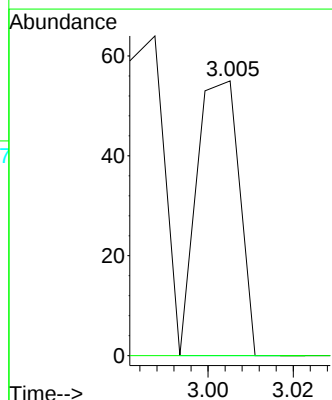
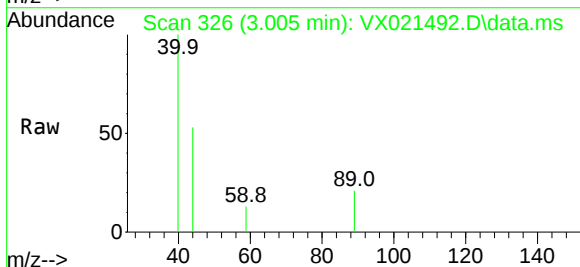
Instrument :
MSVOA_X
ClientSampled :

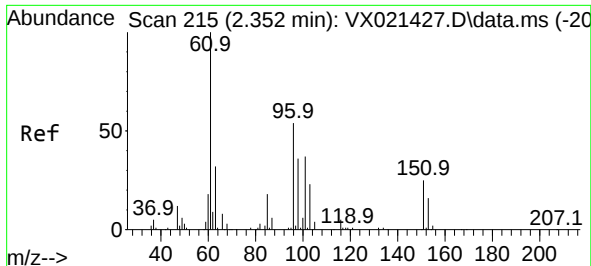
Tgt Ion:101 Resp: 417
Ion Ratio Lower Upper
101 100
85 51.6 34.9 52.3
151 61.4 61.4 92.2#



#11
Tert butyl alcohol
Concen: 0.24 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.018 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

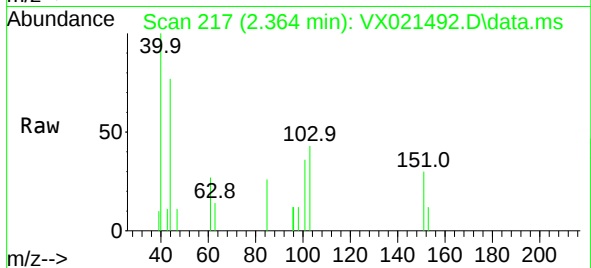
Tgt Ion: 59 Resp: 38
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



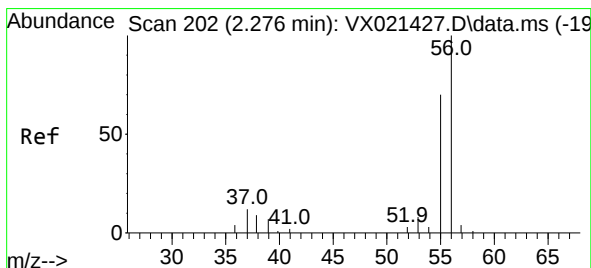
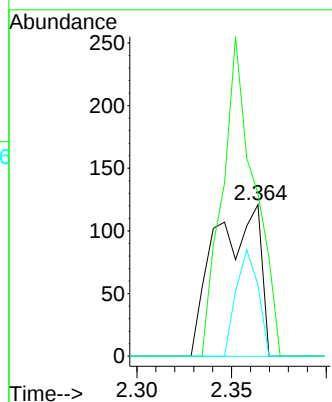
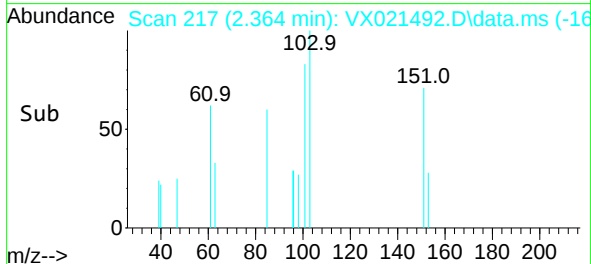


#12
1,1-Dichloroethene
Concen: 0.35 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

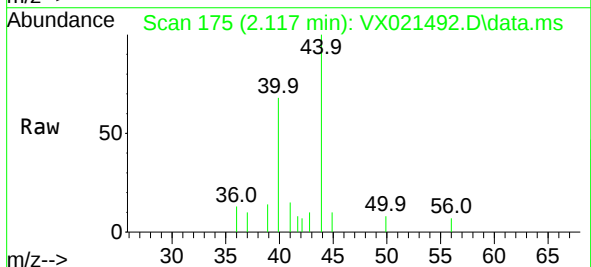
Instrument :
MSVOA_X
ClientSampled :



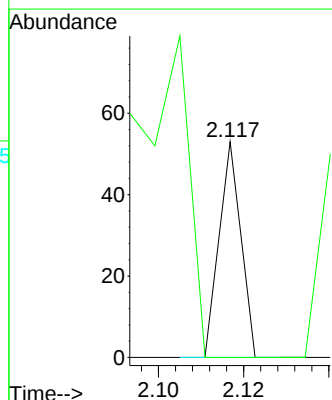
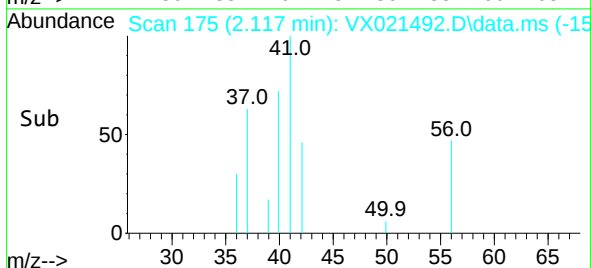
Tgt Ion: 96 Resp: 200
Ion Ratio Lower Upper
96 100
61 107.4 124.6 187.0#
98 47.1 50.6 76.0#



#13
Acrolein
Concen: 4.53 ug/l
RT: 2.117 min Scan# 175
Delta R.T. -0.159 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29



Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 452.6 56.4 84.6#

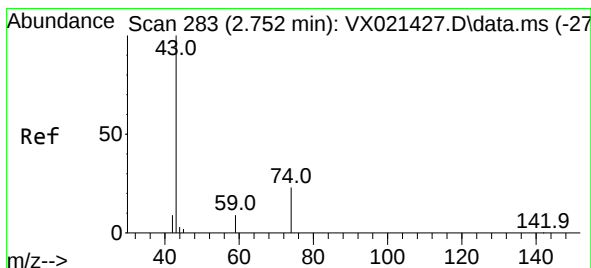
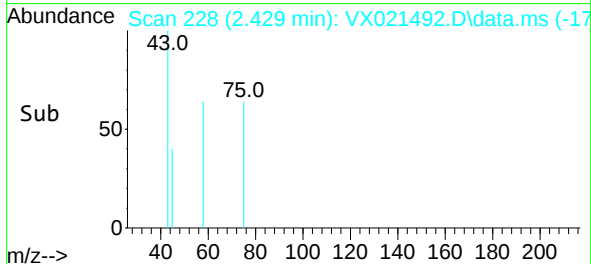
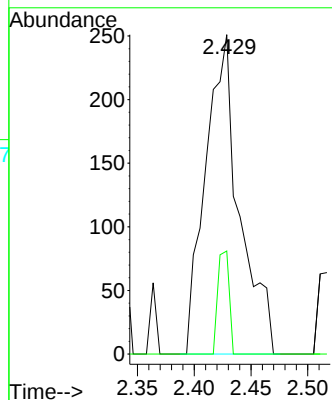
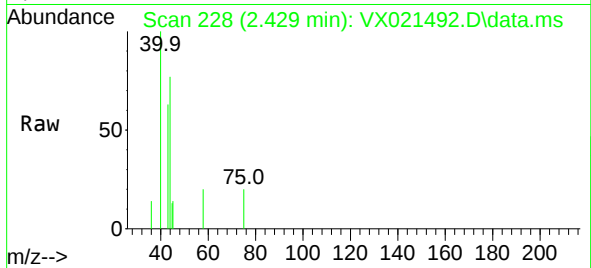




#16
Acetone
Concen: 1.45 ug/l
RT: 2.429 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

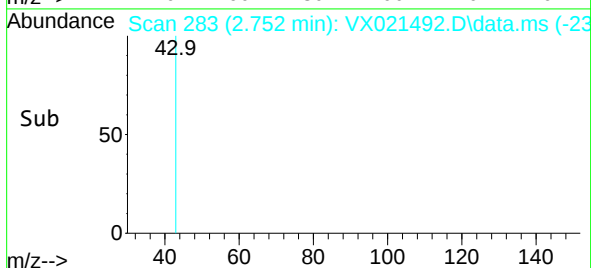
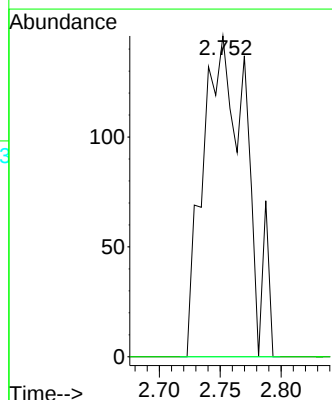
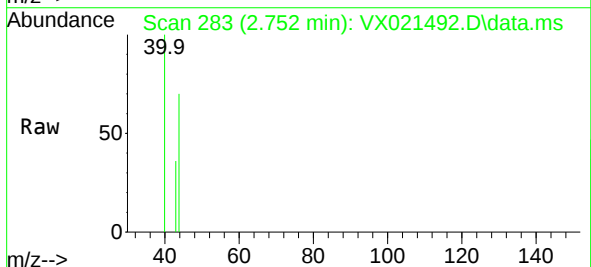
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
58 32.3 27.8 41.8



#18
Methyl Acetate
Concen: 0.35 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

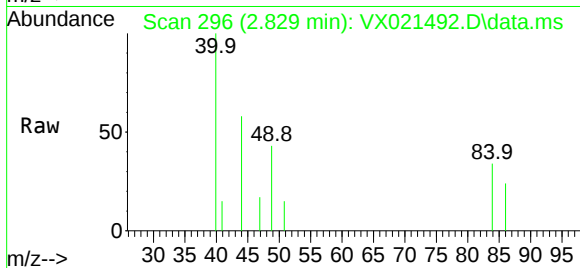
Tgt Ion: 43 Resp: 361
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





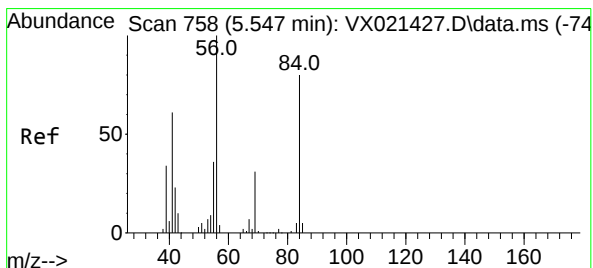
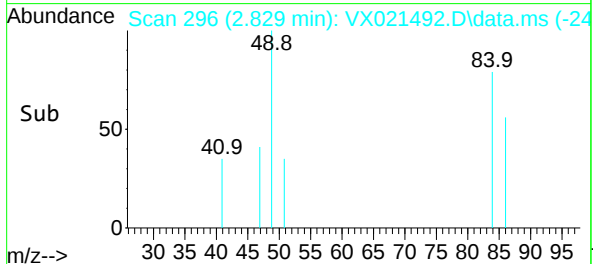
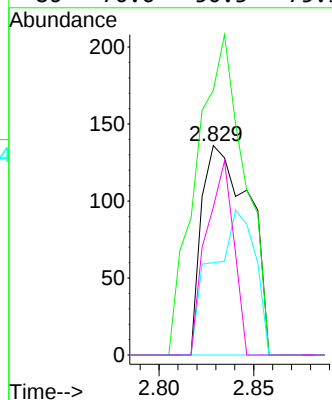
#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.005 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

Instrument :
MSVOA_X
ClientSampled :

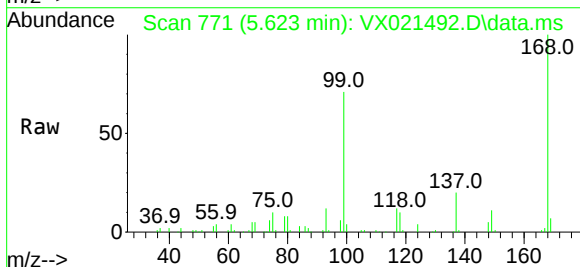


Tgt Ion: 84 Resp: 237

Ion	Ratio	Lower	Upper
84	100		
49	126.5	88.6	132.8
51	44.1	27.0	40.6#
86	70.6	50.3	75.5

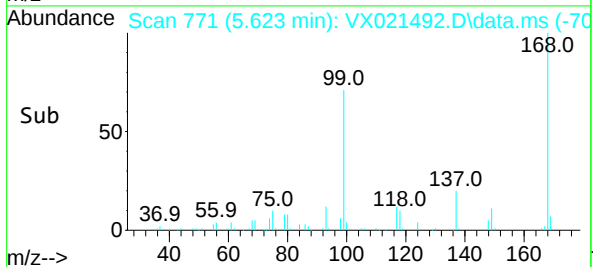
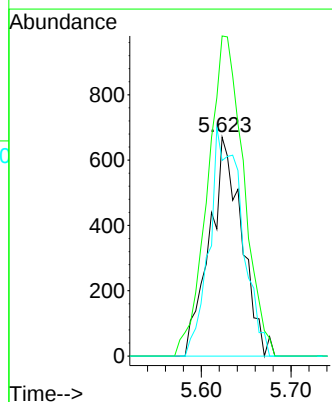


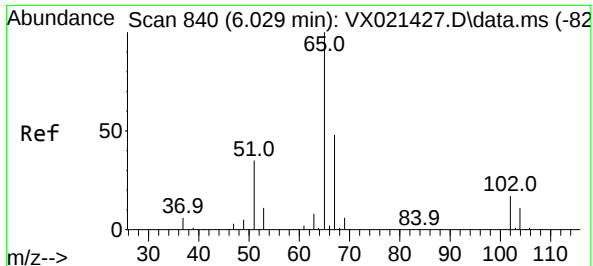
#31
Cyclohexane
Concen: 1.60 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29



Tgt Ion: 56 Resp: 1675

Ion	Ratio	Lower	Upper
56	100		
69	146.3	25.3	37.9#
84	89.4	71.4	107.0

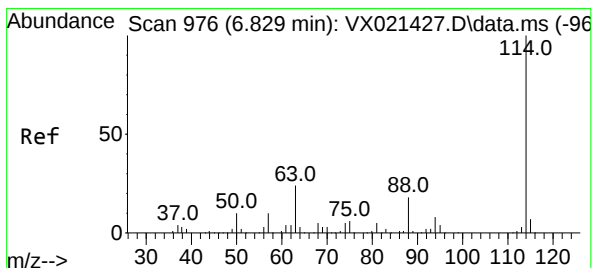
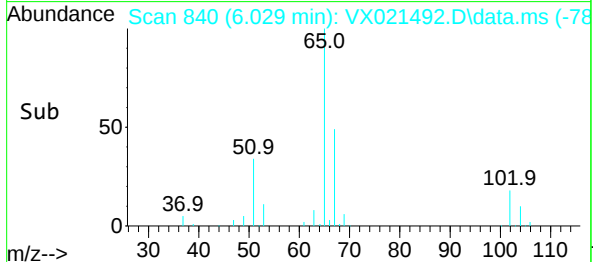
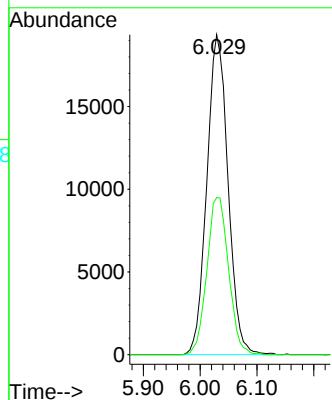
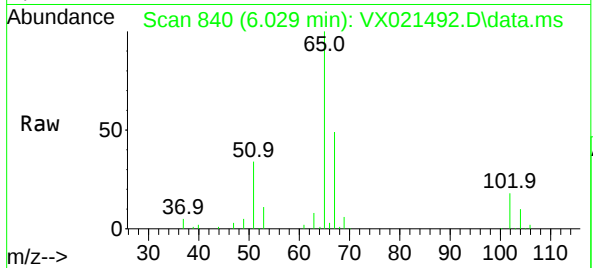




#33
1,2-Dichloroethane-d4
Concen: 52.43 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

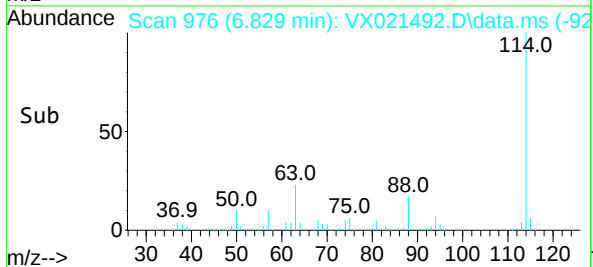
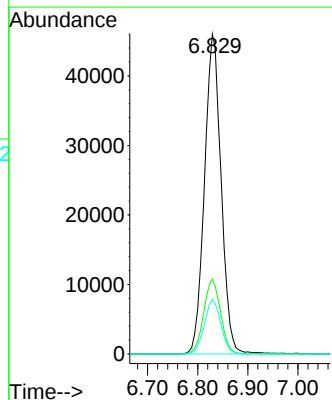
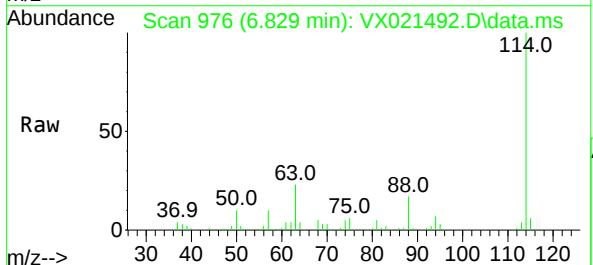
Instrument :
MSVOA_X
ClientSampled :

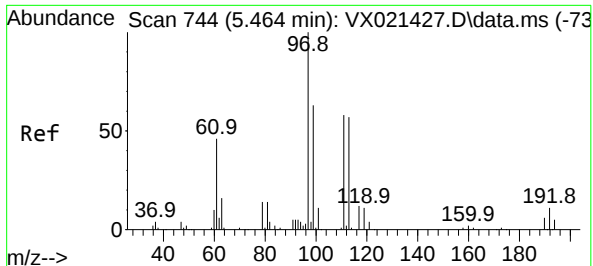
Tgt Ion: 65 Resp: 50021
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

Tgt Ion: 114 Resp: 106219
Ion Ratio Lower Upper
114 100
63 23.5 0.0 40.8
88 17.0 0.0 32.8

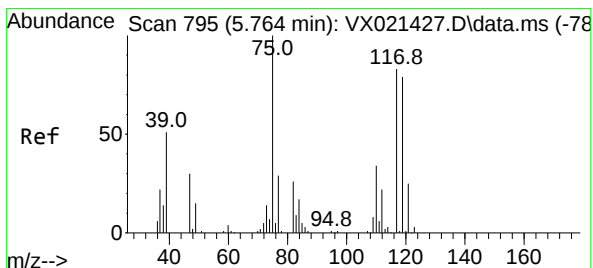
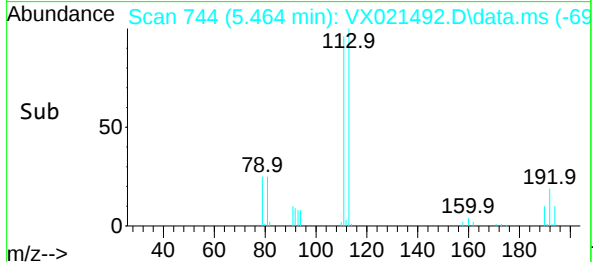
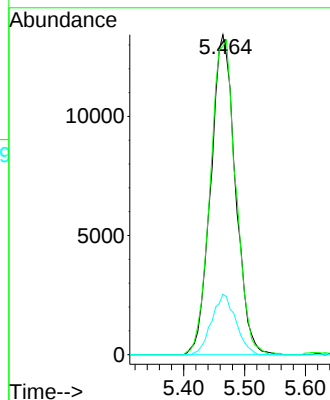
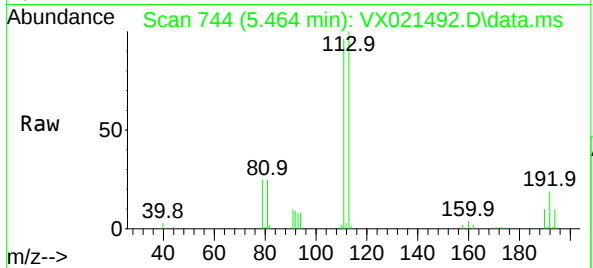




#35
Dibromofluoromethane
Concen: 50.01 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

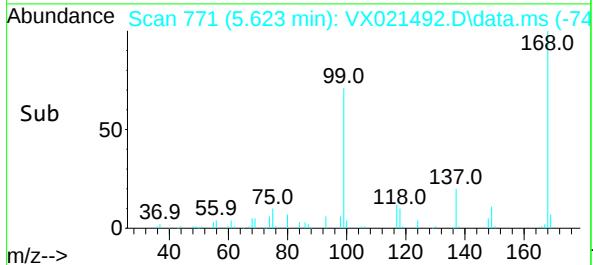
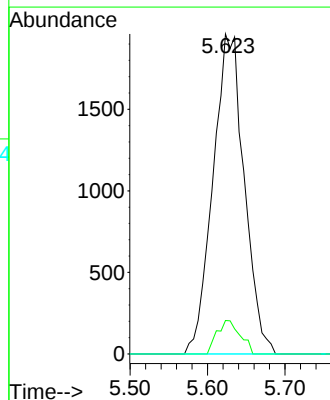
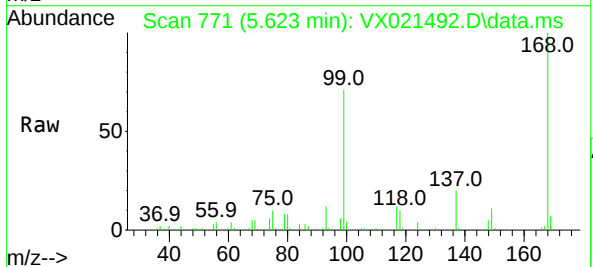
Instrument :
MSVOA_X
ClientSampled :

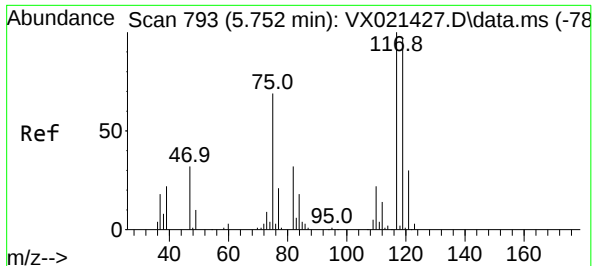
Tgt Ion:113 Resp: 37729
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 18.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.30 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

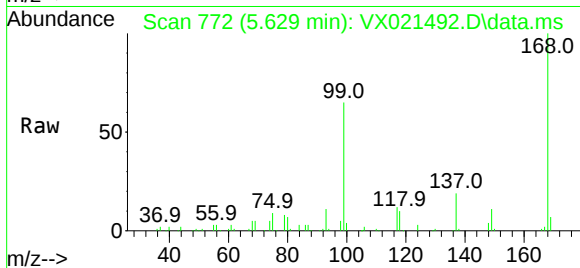
Tgt Ion: 75 Resp: 5511
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 25.3 37.9#



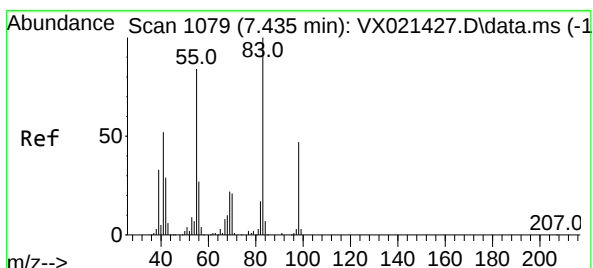
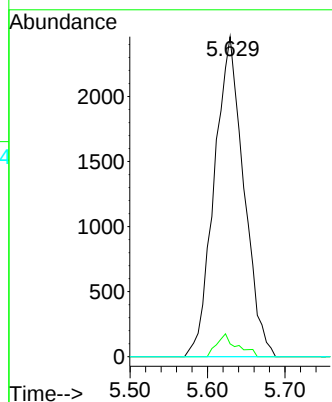
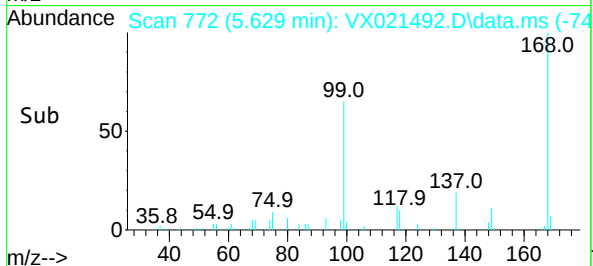


#38
Carbon Tetrachloride
Concen: 5.83 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

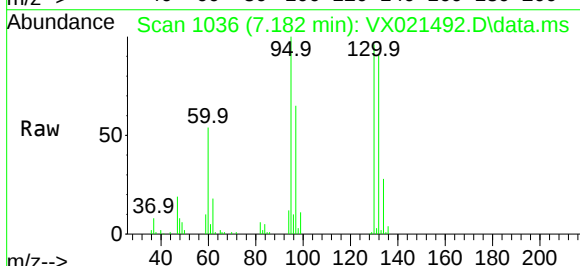
Instrument :
MSVOA_X
ClientSampled :



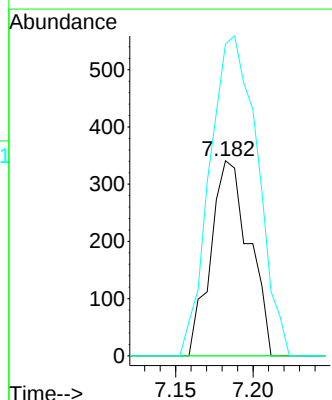
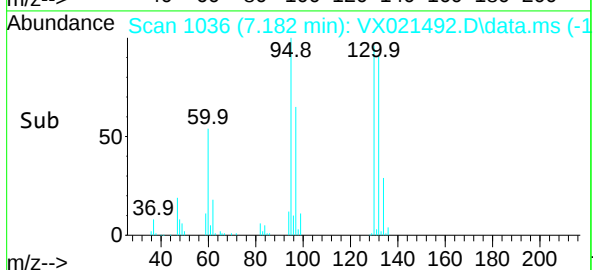
Tgt Ion:117 Resp: 6524
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#

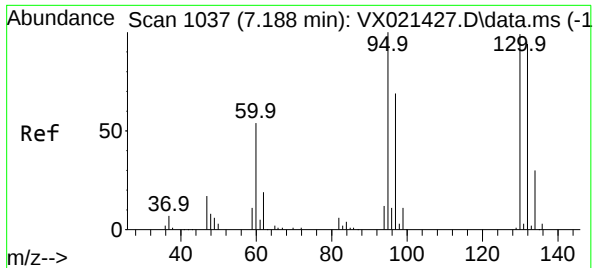


#39
Methylcyclohexane
Concen: 0.51 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.253 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29



Tgt Ion: 83 Resp: 588
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 159.8 38.1 57.1#

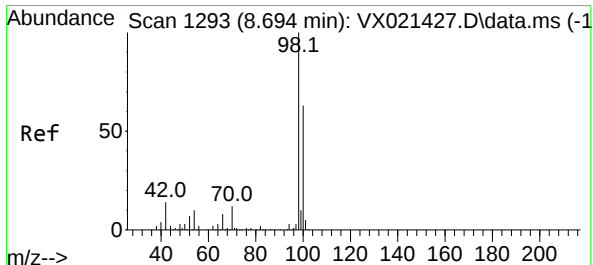
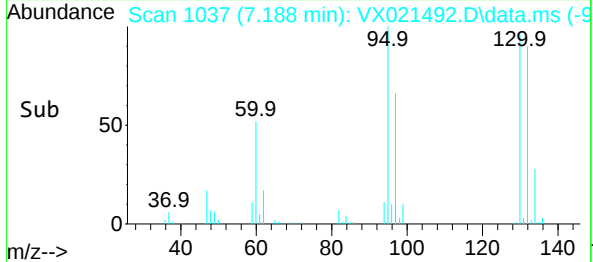
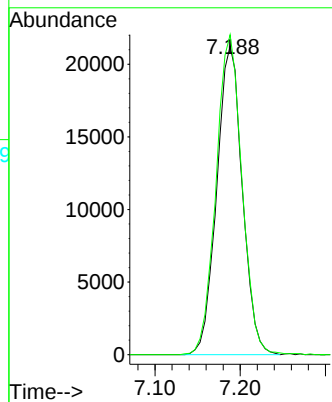
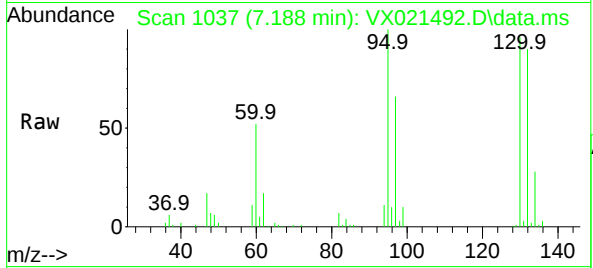




#44
Trichloroethene
Concen: 56.72 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

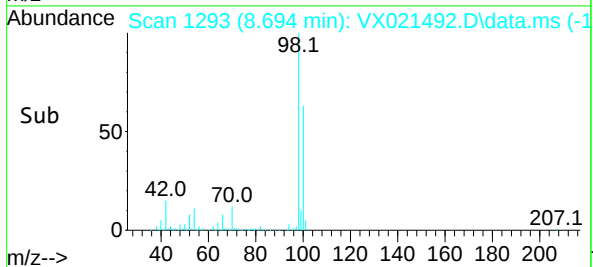
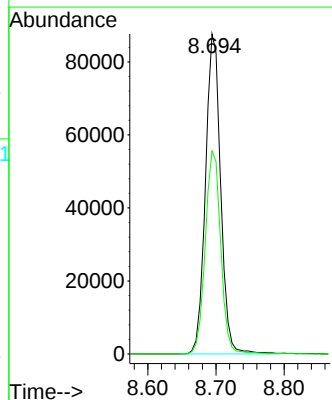
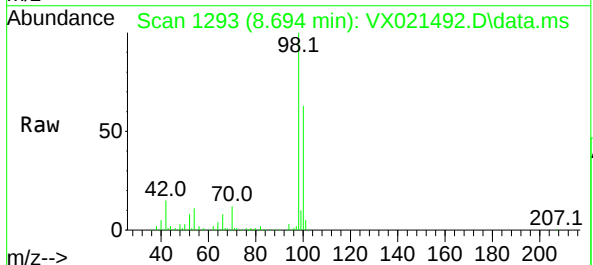
Instrument :
MSVOA_X
ClientSampled :

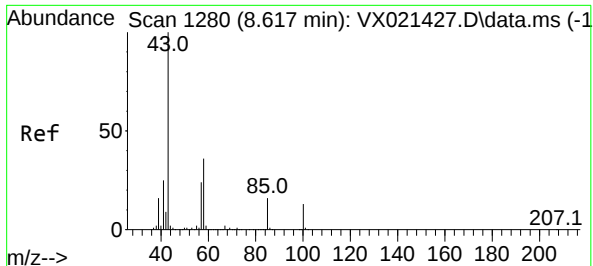
Tgt Ion:130 Resp: 44233
Ion Ratio Lower Upper
130 100
95 103.7 0.0 198.0



#50
Toluene-d8
Concen: 50.50 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

Tgt Ion: 98 Resp: 135787
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

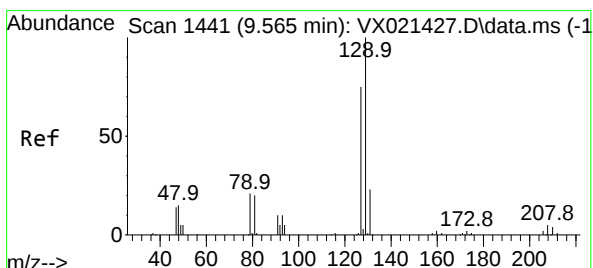
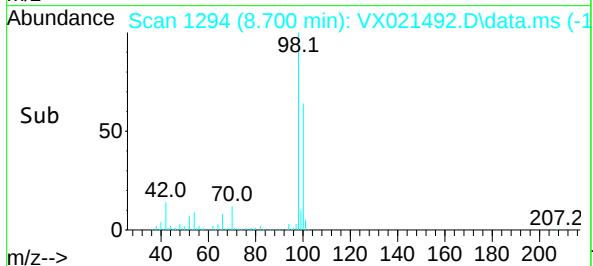
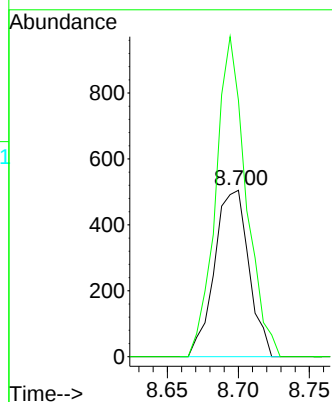
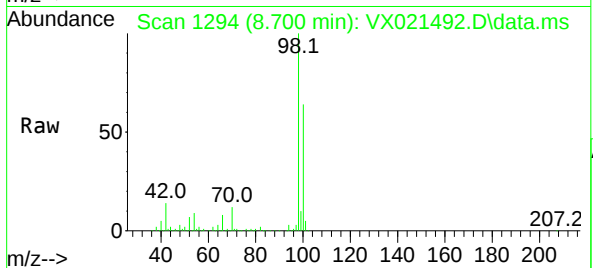




#51
4-Methyl-2-Pentanone
Concen: 0.71 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.083 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

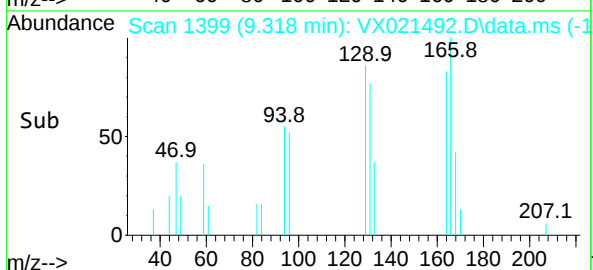
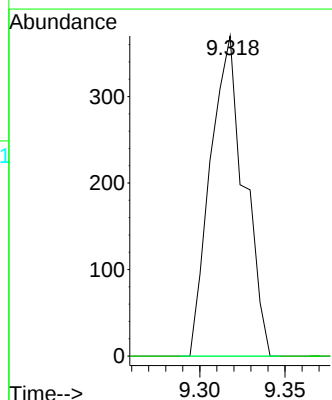
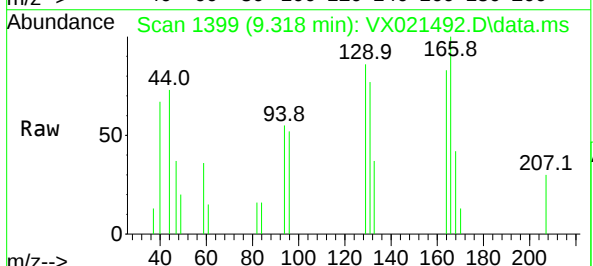
Instrument :
MSVOA_X
ClientSampled :

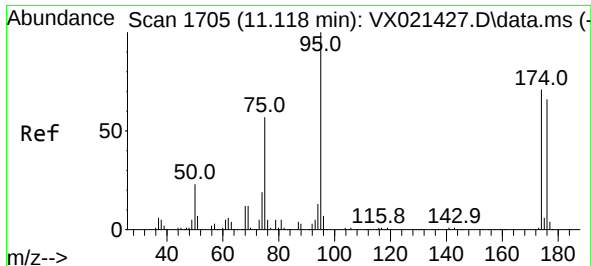
Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
58 170.1 35.4 53.0#



#60
Dibromochloromethane
Concen: 0.59 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

Tgt Ion: 129 Resp: 513
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

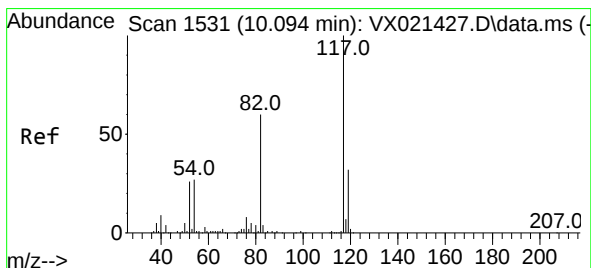
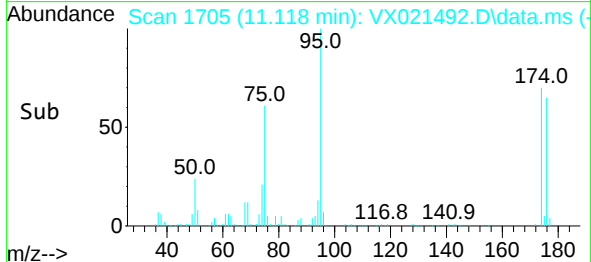
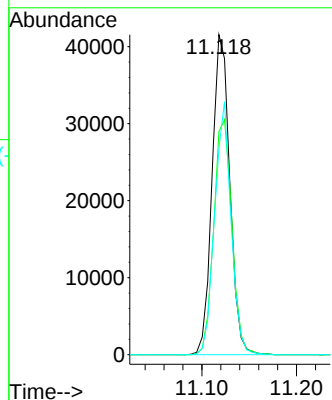
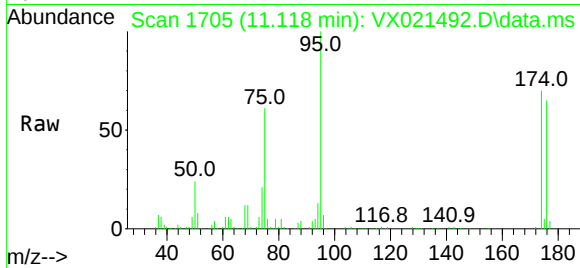




#62
4-Bromofluorobenzene
Concen: 51.51 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

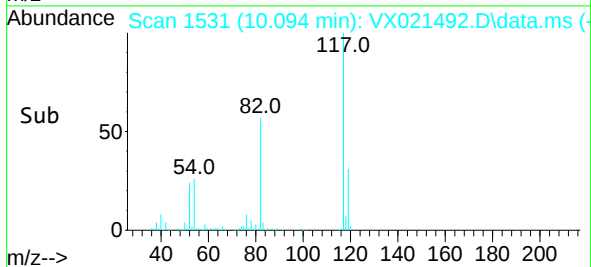
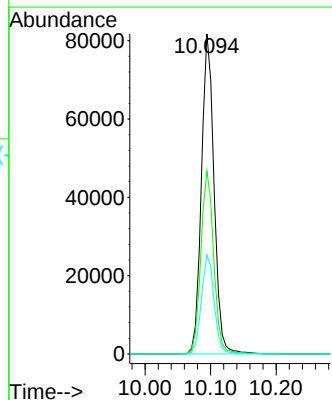
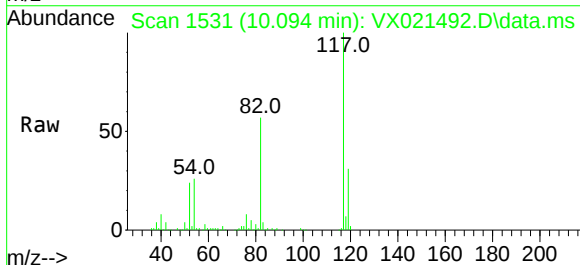
Instrument :
MSVOA_X
ClientSampleId :

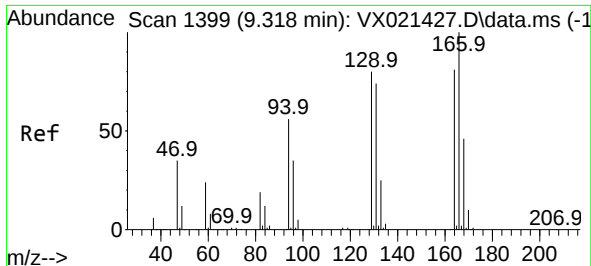
Tgt Ion: 95 Resp: 53846
Ion Ratio Lower Upper
95 100
174 75.7 0.0 154.6
176 73.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

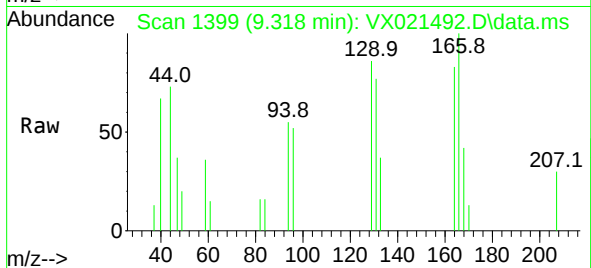
Tgt Ion: 117 Resp: 109652
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 30.9 26.6 39.8



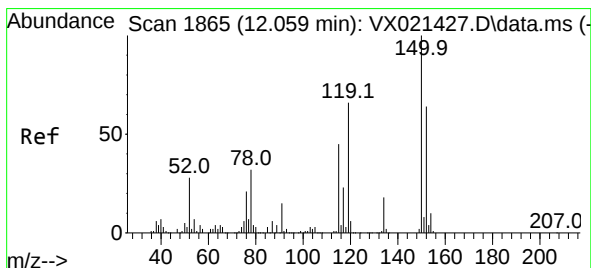
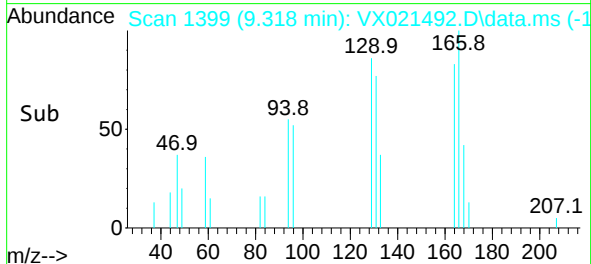
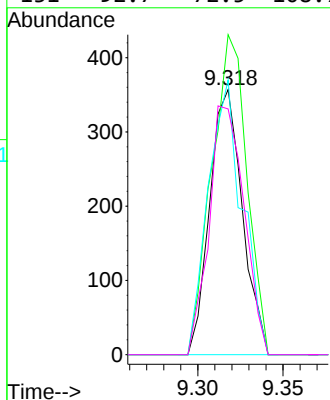


#64
Tetrachloroethene
Concen: 0.65 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

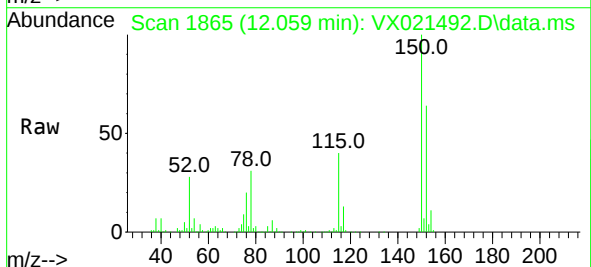
Instrument :
MSVOA_X
ClientSampled :



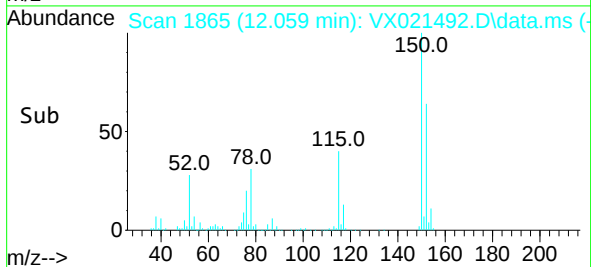
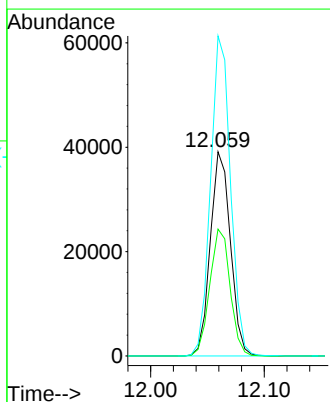
Tgt Ion:164 Resp: 475
Ion Ratio Lower Upper
164 100
166 120.7 103.4 155.2
129 103.6 70.8 106.2
131 92.7 72.5 108.7

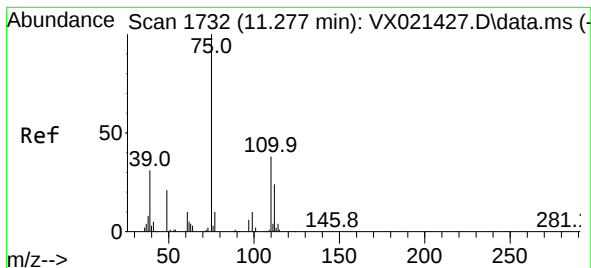


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29



Tgt Ion:152 Resp: 48150
Ion Ratio Lower Upper
152 100
115 62.8 41.1 123.3
150 155.4 0.0 349.0

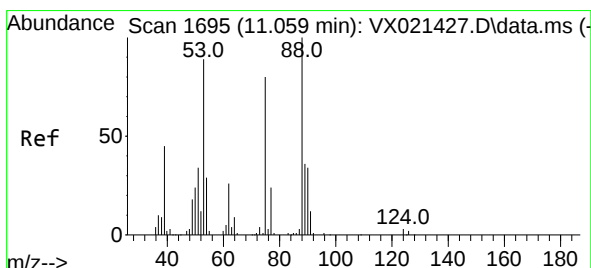
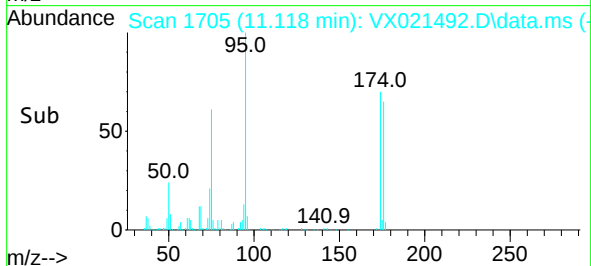
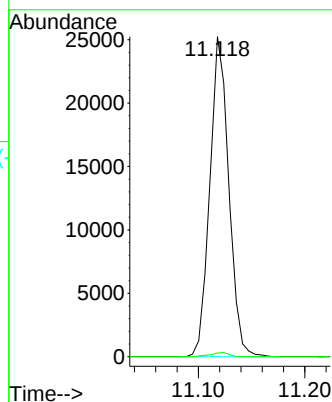
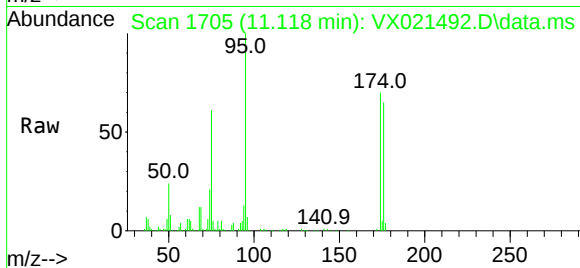




#76
1,2,3-Trichloropropane
Concen: 27.82 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 31186
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.74 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021492.D
Acq: 25 Mar 2021 17:29

Tgt Ion: 75 Resp: 31186
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

