

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021491.D
 Acq On : 25 Mar 2021 17:05
 Operator : JC/MD
 Sample : M1787-06DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 03:16:19 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)

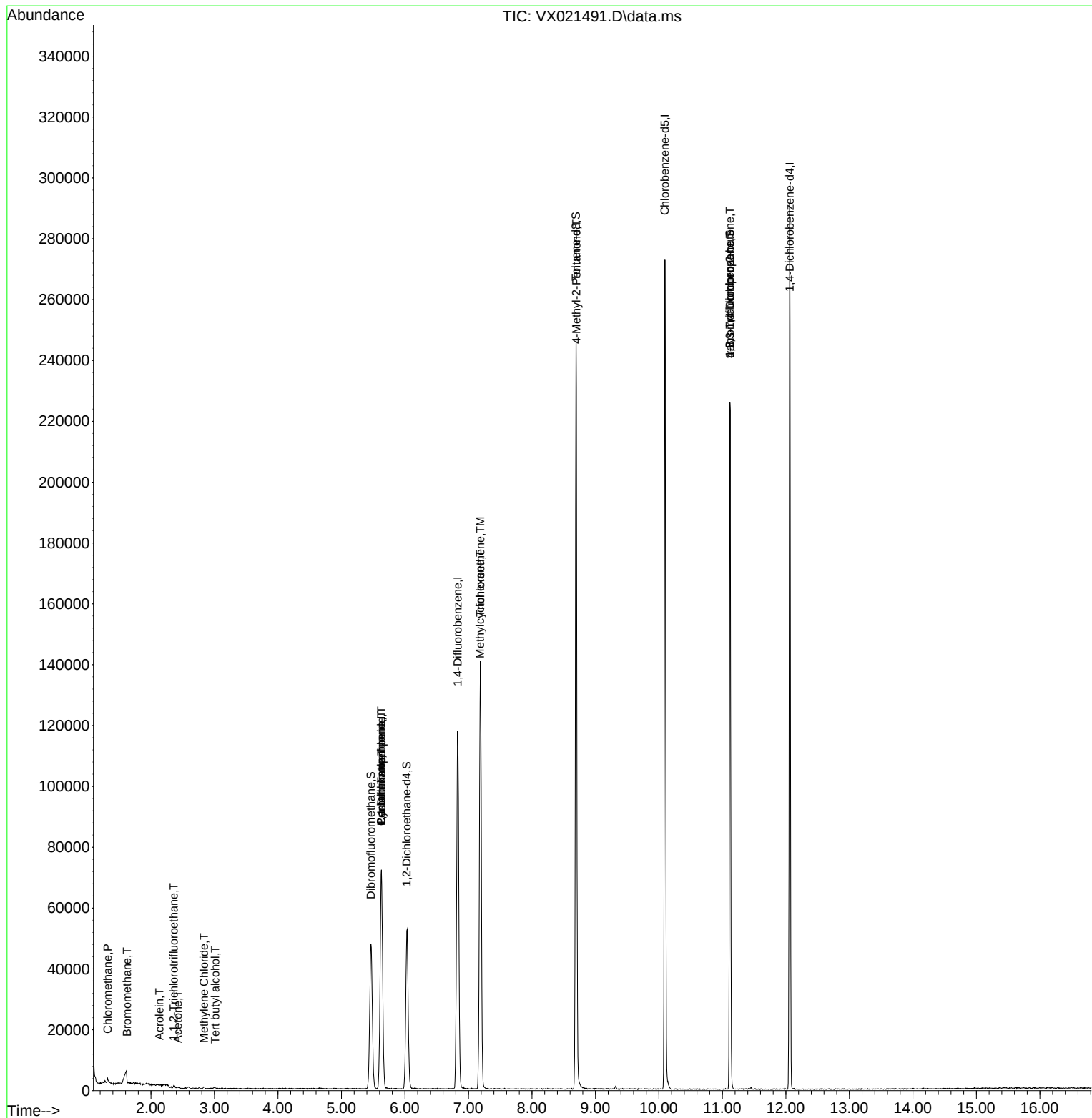
Internal Standards						
1) Pentafluorobenzene	5.629	168	60605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	110257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51319	50.89	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.78%
35) Dibromofluoromethane	5.464	113	39335	50.22	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.44%
50) Toluene-d8	8.694	98	141706	50.77	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.54%
62) 4-Bromofluorobenzene	11.118	95	59895	55.20	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.40%
Target Compounds						Qvalue
3) Chloromethane	1.317	50	2092	2.77	ug/l	89
5) Bromomethane	1.622	94	154	0.56	ug/l #	51
9) 1,1,2-Trichlorotrifluo...	2.358	101	411	0.66	ug/l #	80
11) Tert butyl alcohol	3.011	59	38	0.23	ug/l #	73
13) Acrolein	2.134	56	39	4.75	ug/l #	55
16) Acetone	2.423	43	445	1.17	ug/l #	40
20) Methylene Chloride	2.834	84	242	0.33	ug/l #	77
31) Cyclohexane	5.629	56	1826	1.65	ug/l #	53
36) 1,1-Dichloropropene	5.629	75	5595	5.18	ug/l #	49
38) Carbon Tetrachloride	5.629	117	6621	5.70	ug/l #	17
39) Methylcyclohexane	7.182	83	686	0.57	ug/l #	1
44) Trichloroethene	7.188	130	49808	61.53	ug/l	100
51) 4-Methyl-2-Pentanone	8.700	43	886	0.71	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	34203	27.67	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	34203	84.28	ug/l #	12

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

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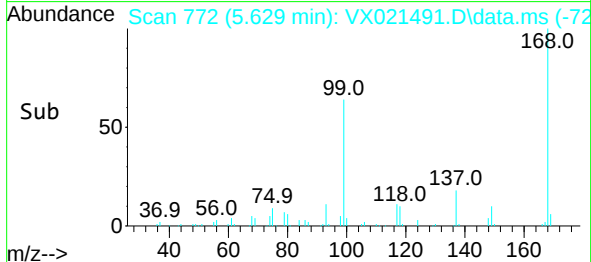
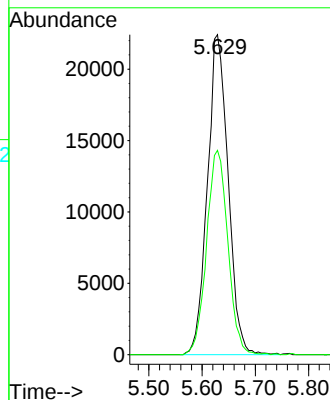
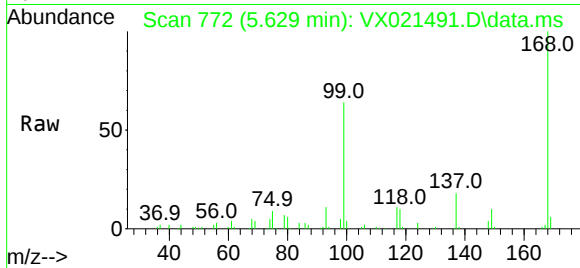




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

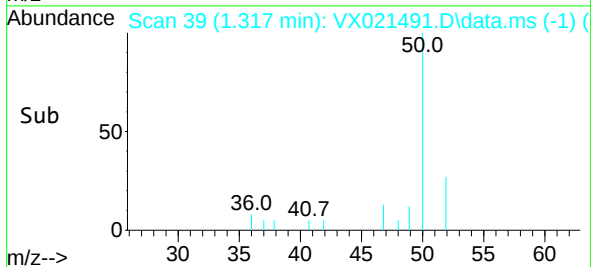
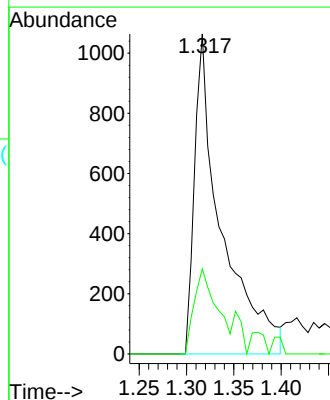
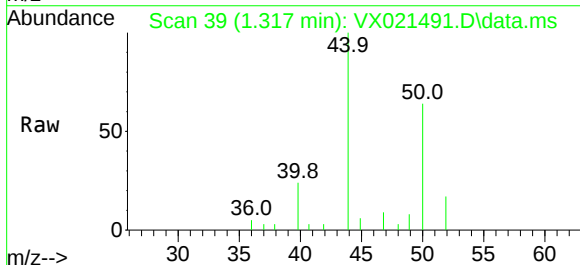
Instrument :
MSVOA_X
ClientSampled :

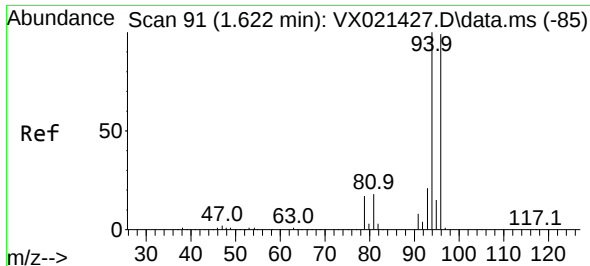
Tgt Ion:168 Resp: 60605
Ion Ratio Lower Upper
168 100
99 63.9 45.8 68.6



#3
Chloromethane
Concen: 2.77 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

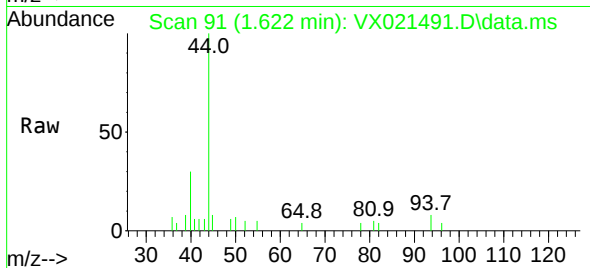
Tgt Ion: 50 Resp: 2092
Ion Ratio Lower Upper
50 100
52 26.6 26.4 39.6



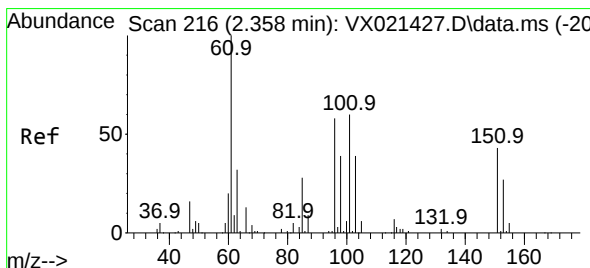
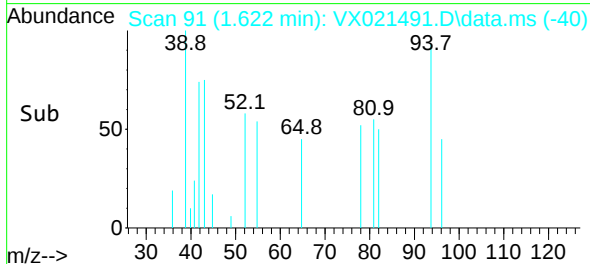
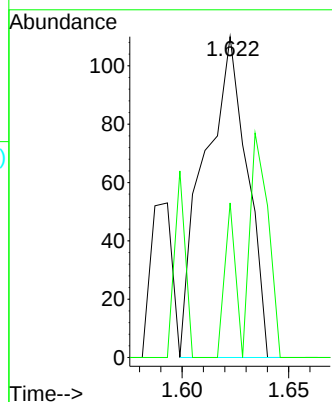


#5
Bromomethane
Concen: 0.56 ug/l
RT: 1.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

Instrument :
MSVOA_X
ClientSampled :

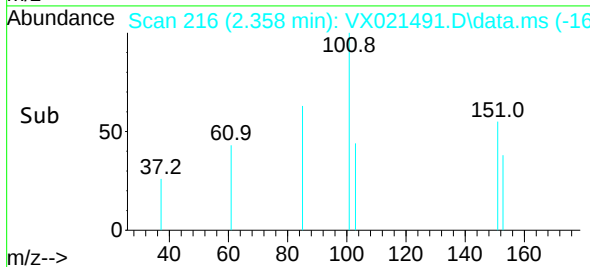
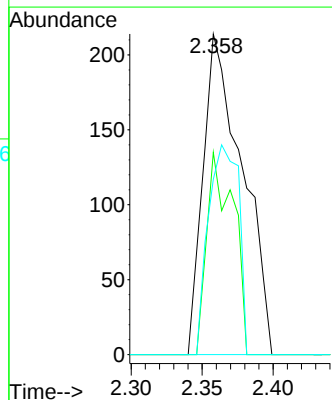
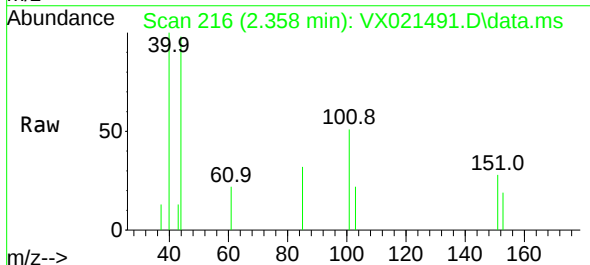


Tgt Ion: 94 Resp: 154
Ion Ratio Lower Upper
94 100
96 48.2 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.66 ug/l
RT: 2.358 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

Tgt Ion: 101 Resp: 411
Ion Ratio Lower Upper
101 100
85 43.1 34.9 52.3
151 50.4 61.4 92.2#

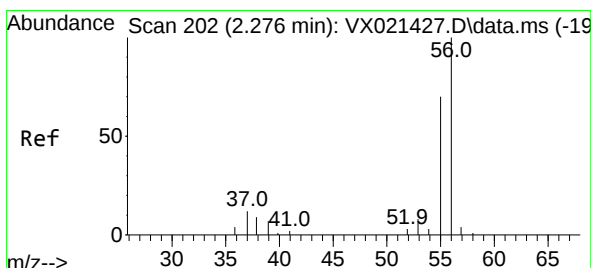
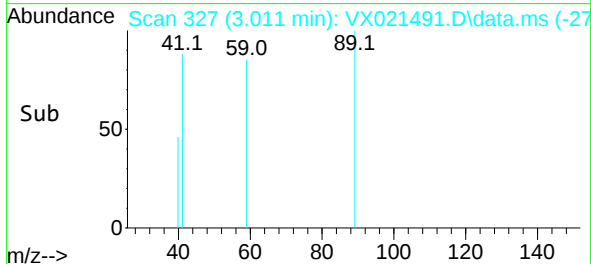
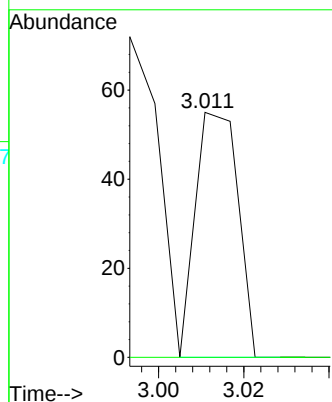
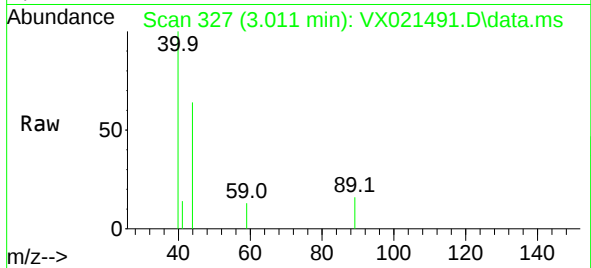




#11
Tert butyl alcohol
Concen: 0.23 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

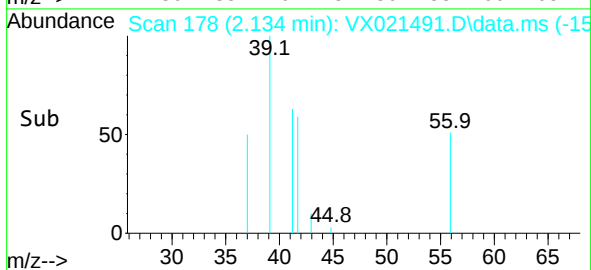
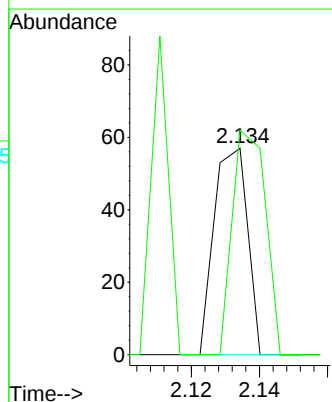
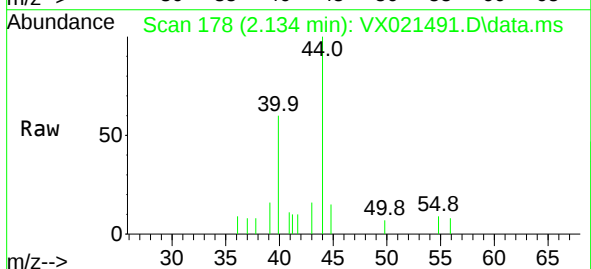
Instrument :
MSVOA_X
ClientSampled :

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



#13
Acrolein
Concen: 4.75 ug/l
RT: 2.134 min Scan# 178
Delta R.T. -0.142 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

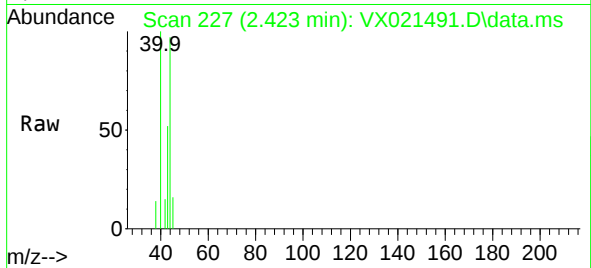
Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 107.7 56.4 84.6#



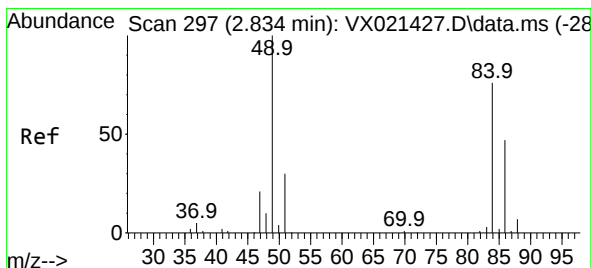
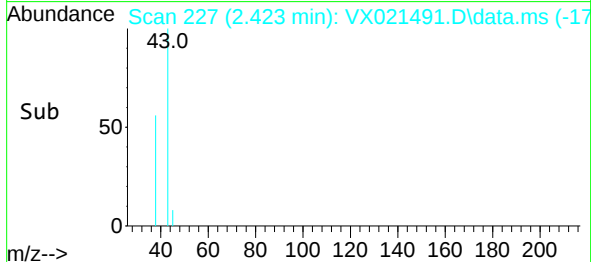
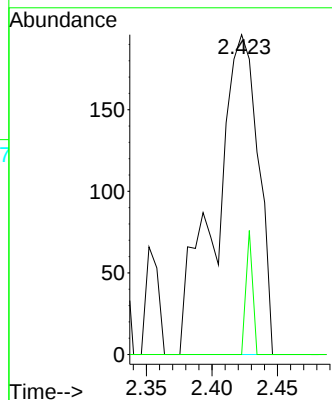


#16
Acetone
Concen: 1.17 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

Instrument :
MSVOA_X
ClientSampled :

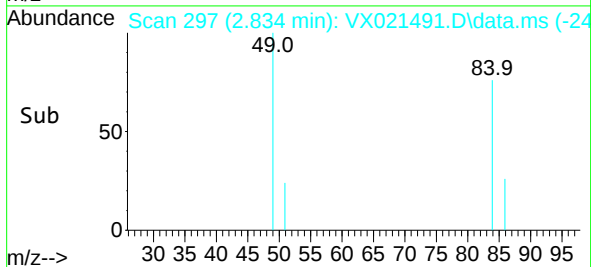
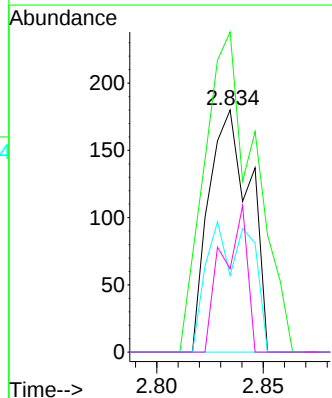
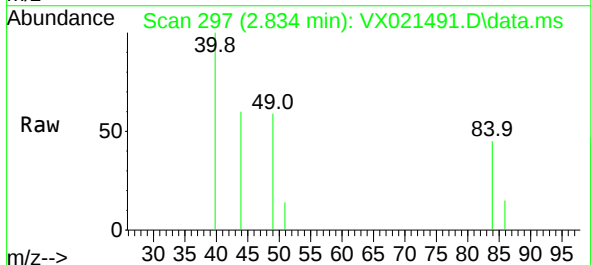


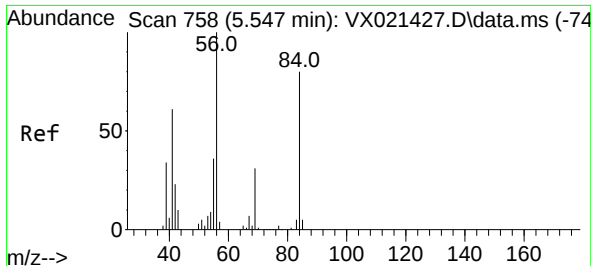
Tgt Ion: 43 Resp: 445
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

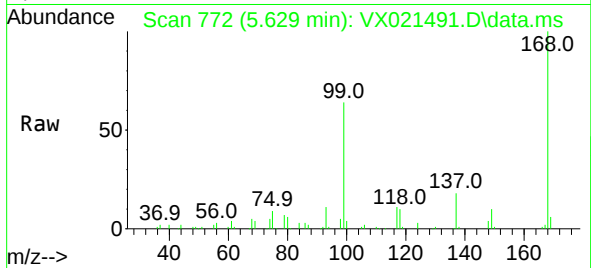
Tgt Ion: 84 Resp: 242
Ion Ratio Lower Upper
84 100
49 132.2 88.6 132.8
51 31.7 27.0 40.6
86 34.4 50.3 75.5#



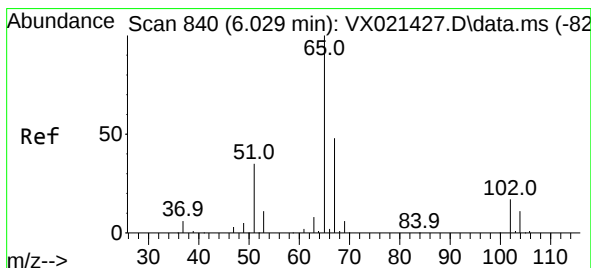
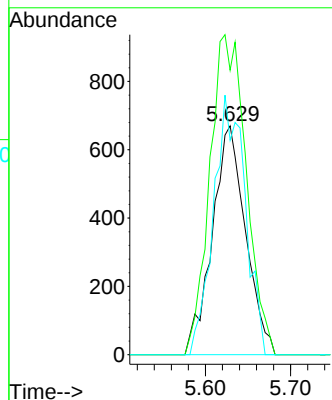
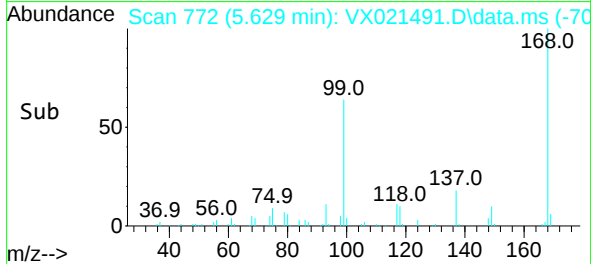


#31
Cyclohexane
Concen: 1.65 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

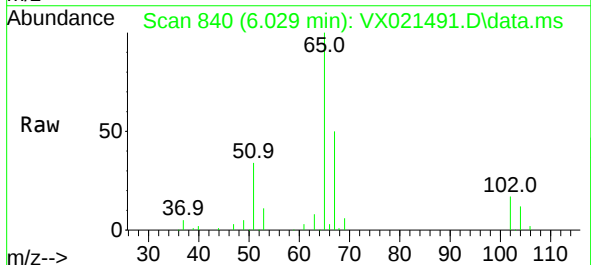
Instrument :
MSVOA_X
ClientSampleId :



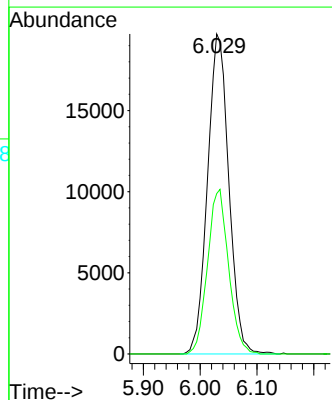
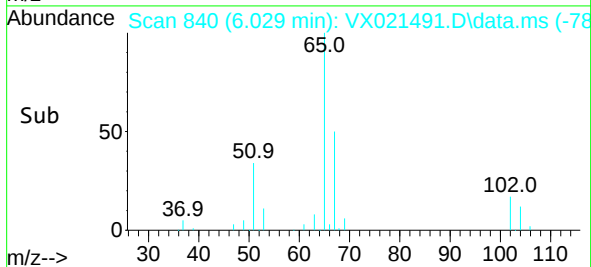
Tgt Ion: 56 Resp: 1826
Ion Ratio Lower Upper
56 100
69 124.3 25.3 37.9#
84 93.7 71.4 107.0

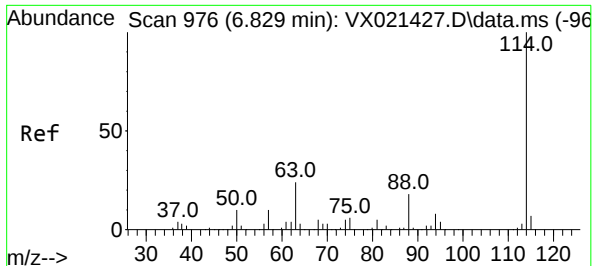


#33
1,2-Dichloroethane-d4
Concen: 50.89 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05



Tgt Ion: 65 Resp: 51319
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

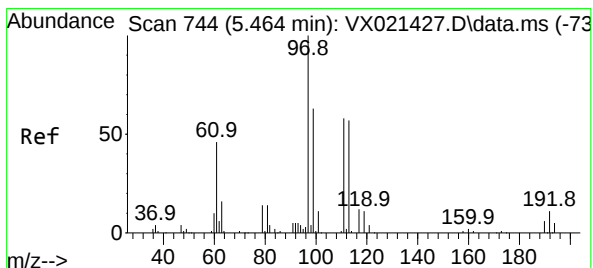
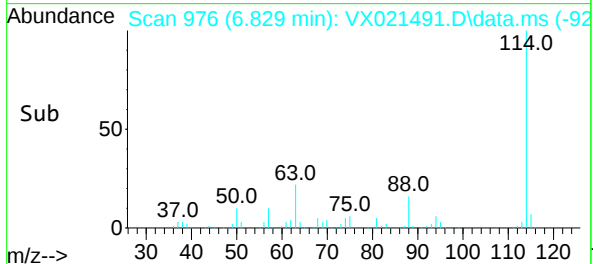
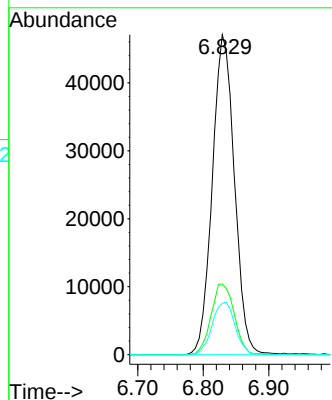
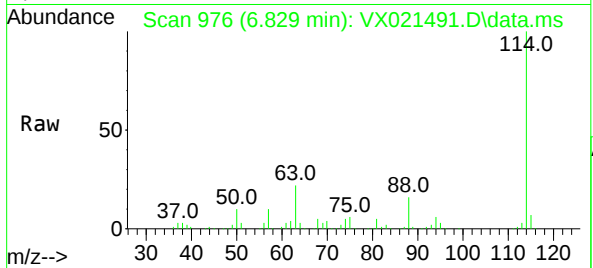




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

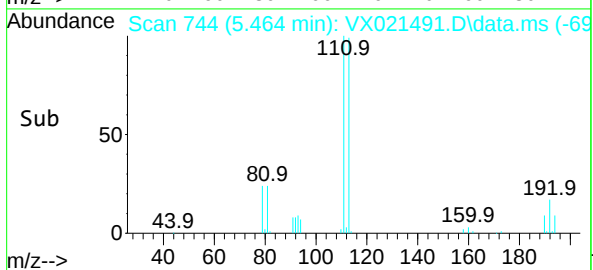
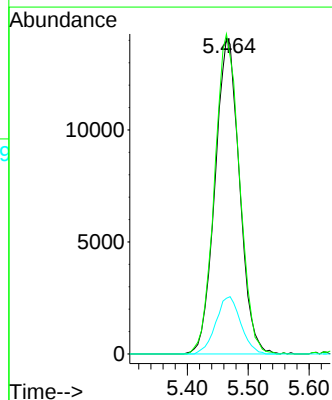
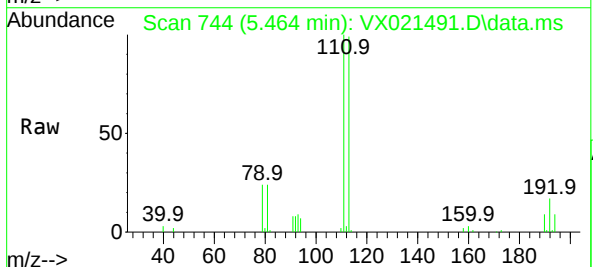
Instrument :
MSVOA_X
ClientSampled :

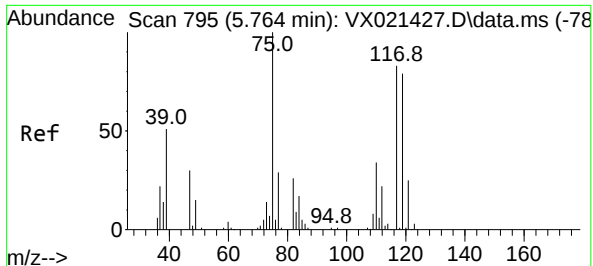
Tgt Ion:114 Resp: 110257
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.22 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

Tgt Ion:113 Resp: 39335
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 18.4 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.18 ug/l

RT: 5.629 min Scan# 772

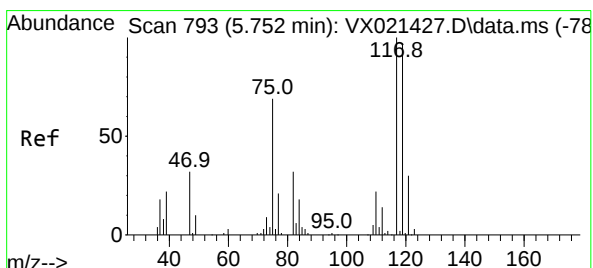
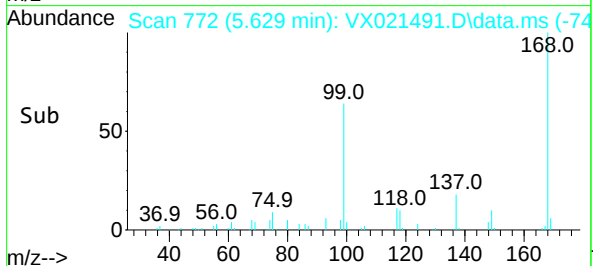
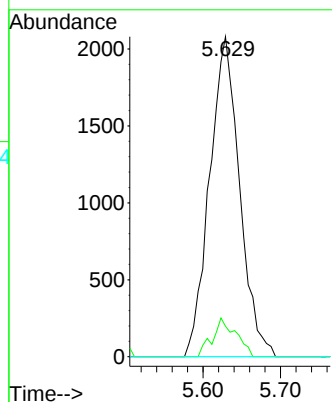
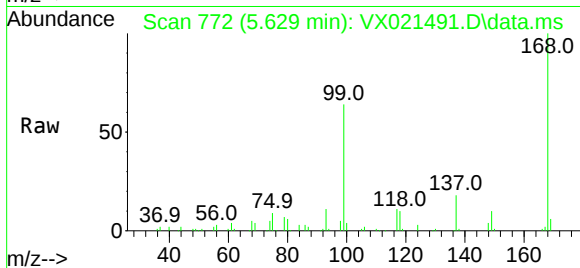
Delta R.T. -0.135 min

Lab File: VX021491.D

Acq: 25 Mar 2021 17:05

Tgt Ion:	75	Resp:	5595
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.70 ug/l

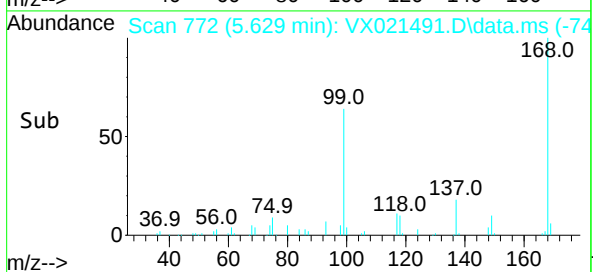
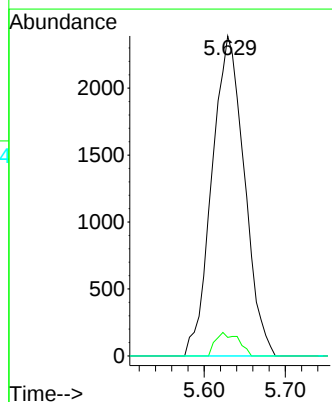
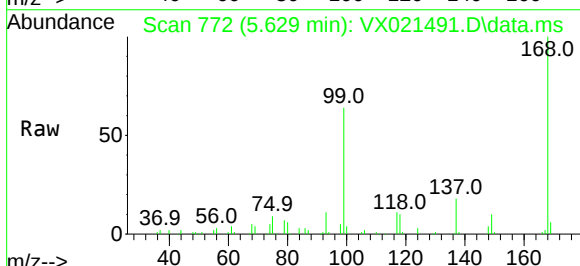
RT: 5.629 min Scan# 772

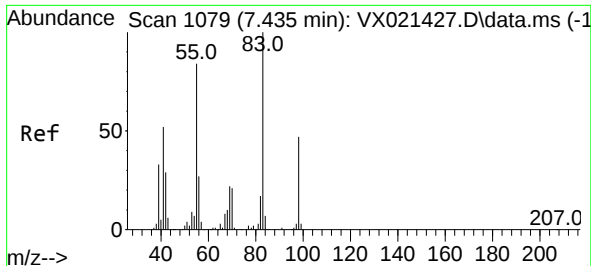
Delta R.T. -0.123 min

Lab File: VX021491.D

Acq: 25 Mar 2021 17:05

Tgt Ion:	117	Resp:	6621
Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.57 ug/l

RT: 7.182 min Scan# 1036

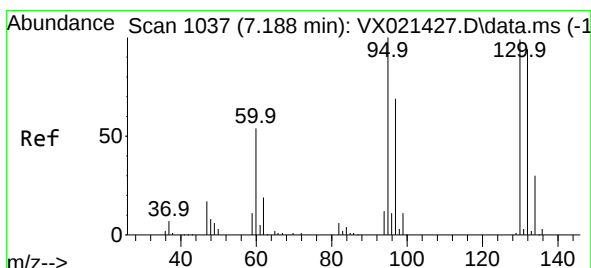
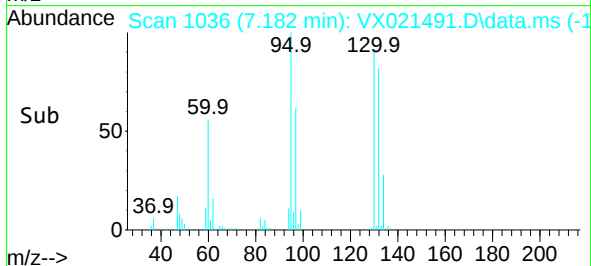
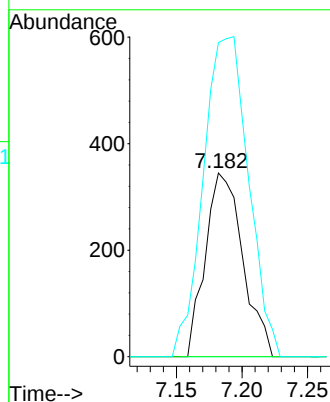
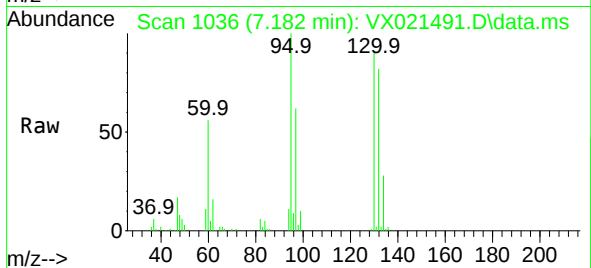
Delta R.T. -0.253 min

Lab File: VX021491.D

Acq: 25 Mar 2021 17:05

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 83	Resp: 686
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 171.0	38.1 57.1#



#44

Trichloroethene

Concen: 61.53 ug/l

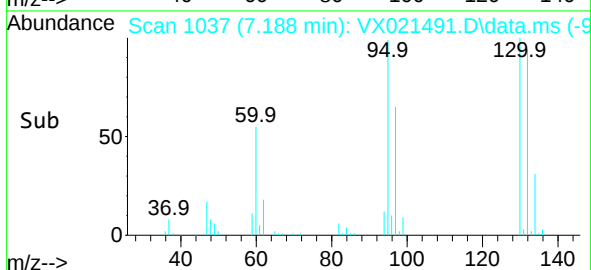
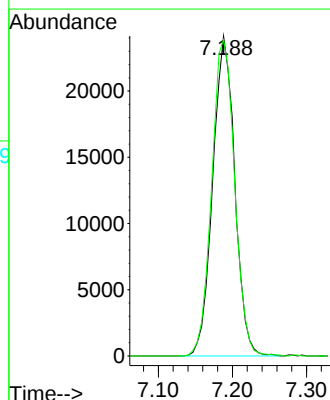
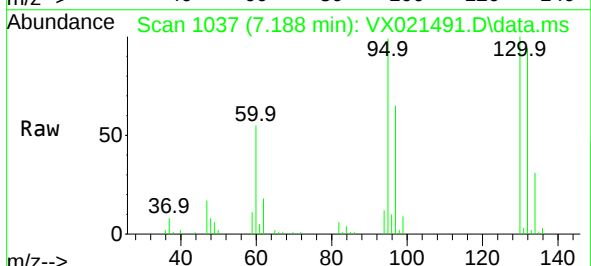
RT: 7.188 min Scan# 1037

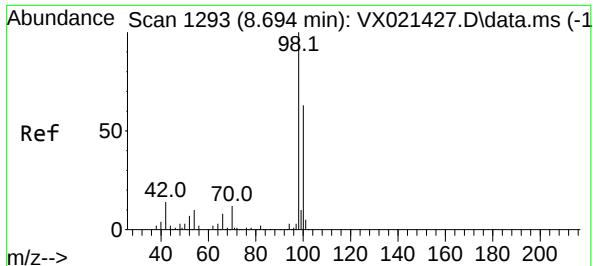
Delta R.T. -0.000 min

Lab File: VX021491.D

Acq: 25 Mar 2021 17:05

Tgt Ion: 130	Resp: 49808
Ion Ratio	Lower Upper
130 100	
95 98.9	0.0 198.0

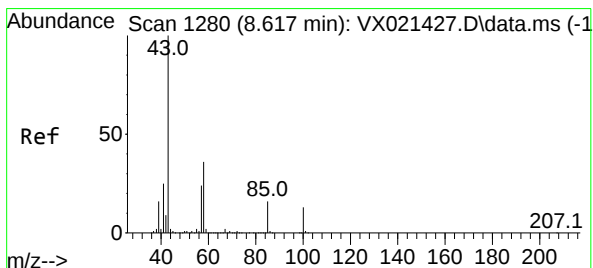
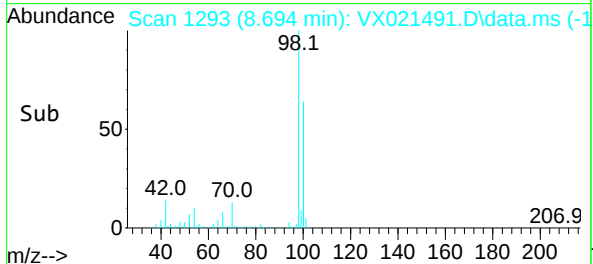
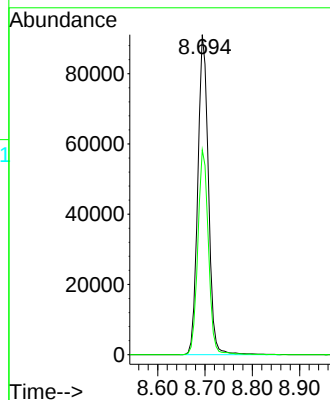
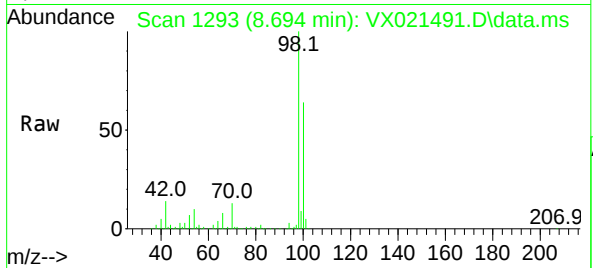




#50
Toluene-d8
Concen: 50.77 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

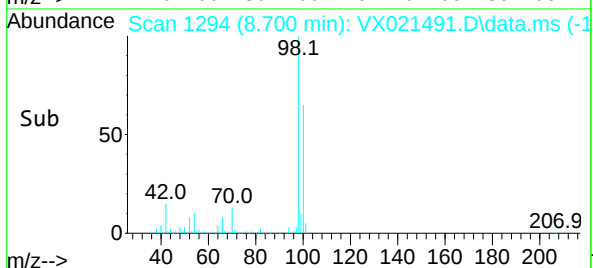
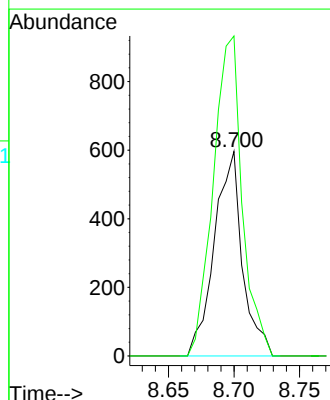
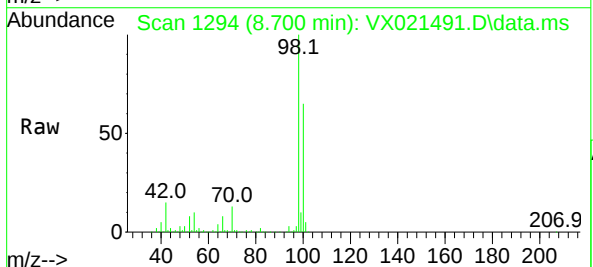
Instrument :
MSVOA_X
ClientSampled :

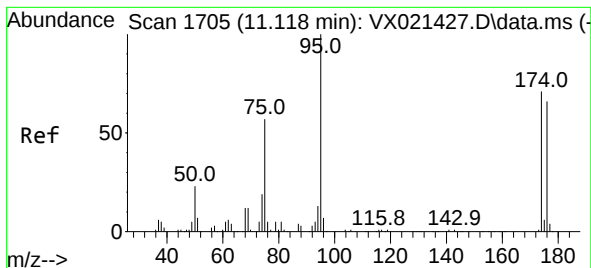
Tgt Ion: 98 Resp: 141706
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.71 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.083 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
58 162.2 35.4 53.0#

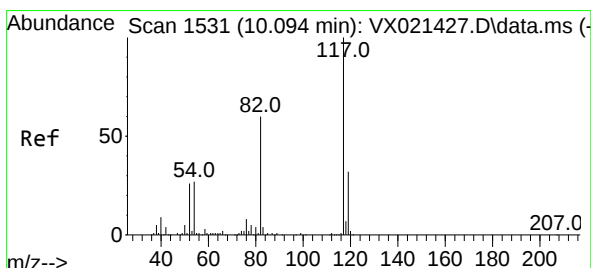
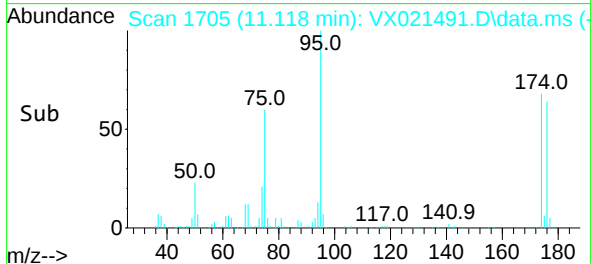
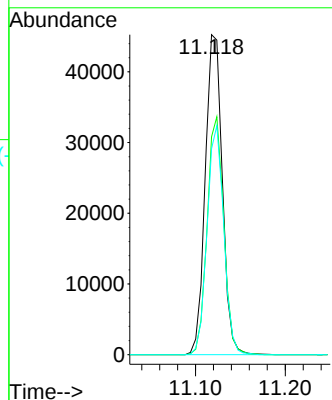
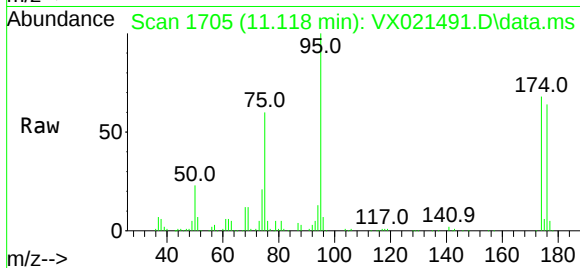




#62
4-Bromofluorobenzene
Concen: 55.20 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

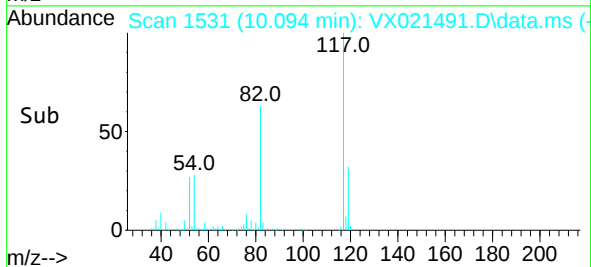
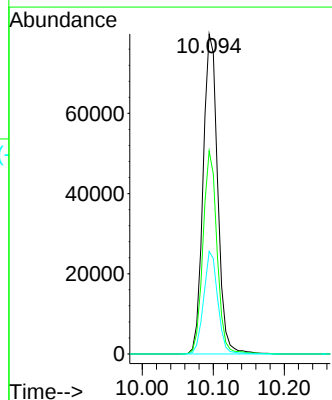
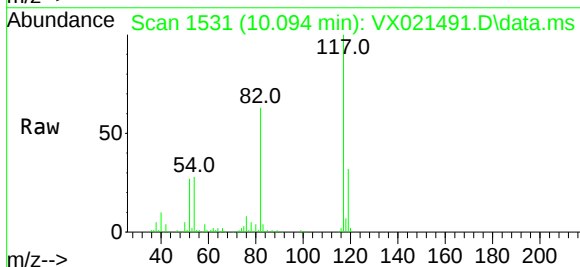
Instrument :
MSVOA_X
ClientSampled :

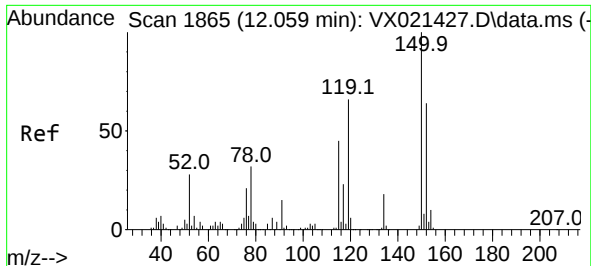
Tgt Ion: 95 Resp: 59895
Ion Ratio Lower Upper
95 100
174 72.1 0.0 154.6
176 69.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

Tgt Ion: 117 Resp: 113899
Ion Ratio Lower Upper
117 100
82 63.5 47.4 71.2
119 32.0 26.6 39.8

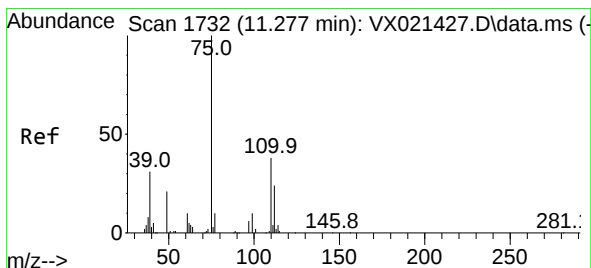
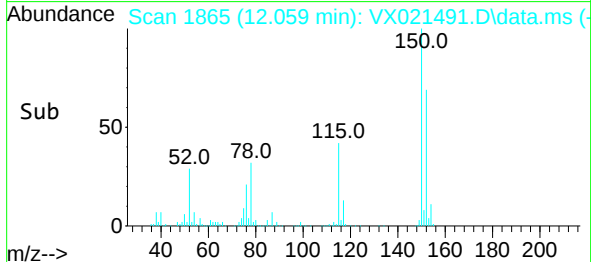
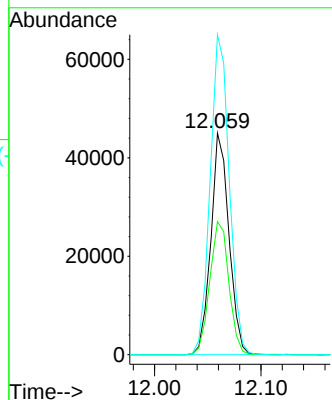
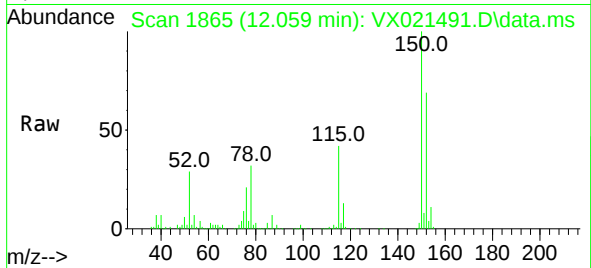




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

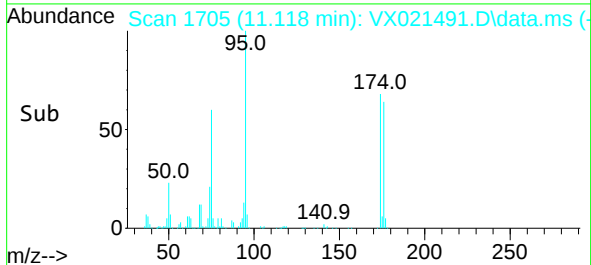
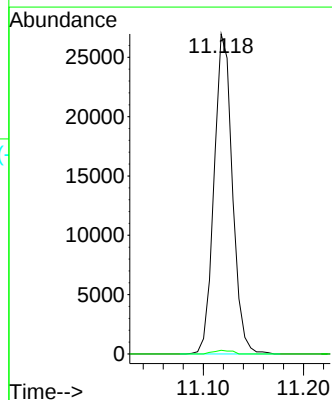
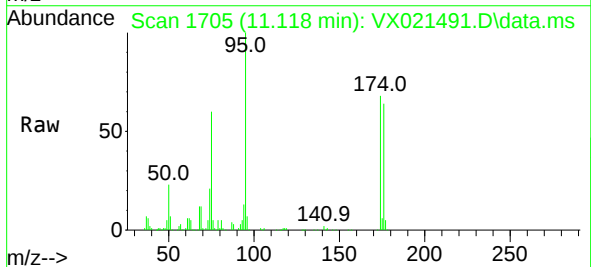
Instrument :
MSVOA_X
ClientSampleId :

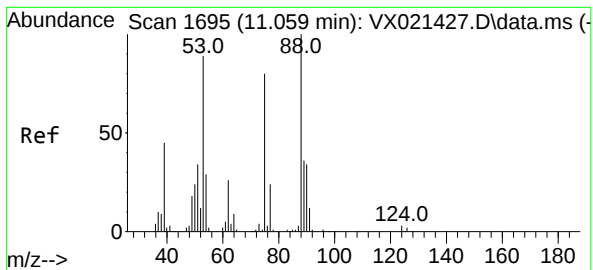
Tgt Ion:152 Resp: 53101
Ion Ratio Lower Upper
152 100
115 63.4 41.1 123.3
150 152.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.67 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021491.D
Acq: 25 Mar 2021 17:05

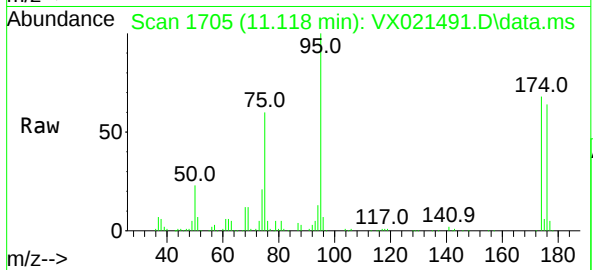
Tgt Ion: 75 Resp: 34203
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.28 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021491.D
 Acq: 25 Mar 2021 17:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 34203
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

