

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021457.D
 Acq On : 25 Mar 2021 00:38
 Operator : JC/MD
 Sample : M1770-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 25 06:53:29 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)

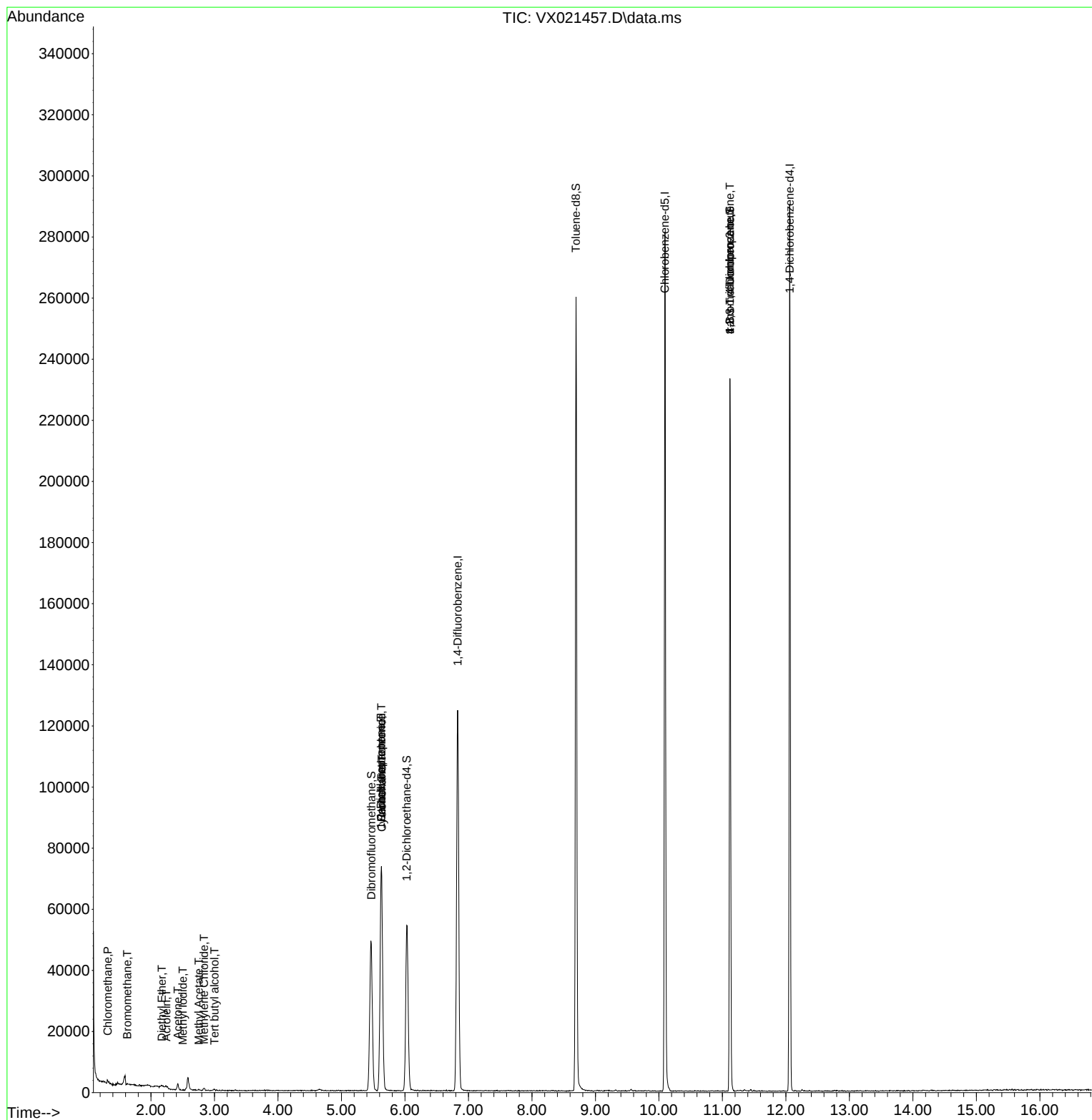
Internal Standards						
1) Pentafluorobenzene	5.629	168	62991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	115679	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	52374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	54755	52.24	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.48%
35) Dibromofluoromethane	5.470	113	40518	49.31	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.62%
50) Toluene-d8	8.694	98	144579	49.38	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.76%
62) 4-Bromofluorobenzene	11.118	95	58472	51.36	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.72%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1700	2.18	ug/l	95
5) Bromomethane	1.628	94	173	0.61	ug/l #	2
8) Diethyl Ether	2.170	74	121	0.30	ug/l #	51
10) Methyl Iodide	2.499	142	72	6.77	ug/l #	80
11) Tert butyl alcohol	2.999	59	221	1.28	ug/l #	73
13) Acrolein	2.240	56	67	5.05	ug/l #	33
16) Acetone	2.423	43	2088	5.27	ug/l	93
18) Methyl Acetate	2.752	43	321	0.28	ug/l #	47
20) Methylene Chloride	2.835	84	324	0.42	ug/l	94
31) Cyclohexane	5.635	56	1820	1.58	ug/l #	32
36) 1,1-Dichloropropene	5.623	75	5895	5.20	ug/l #	49
38) Carbon Tetrachloride	5.629	117	6864	5.64	ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	34121	27.98	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	34121	85.24	ug/l #	12

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

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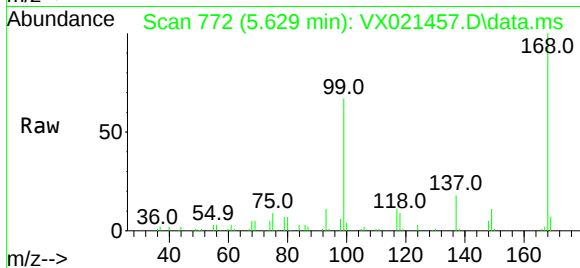
Quant Time: Mar 25 06:53:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
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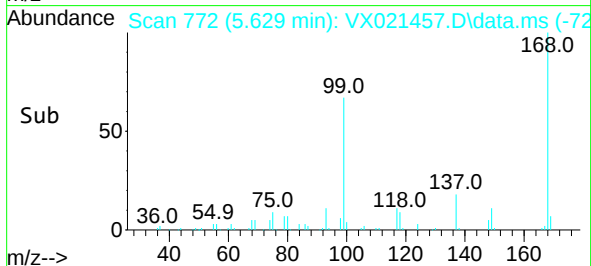
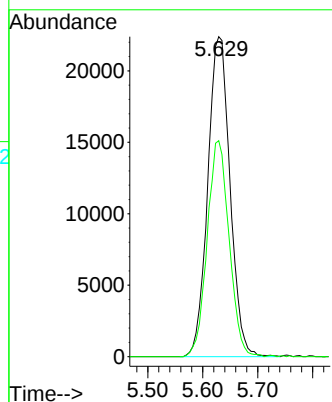


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021457.D
Acq: 25 Mar 2021 00:38

Instrument :
MSVOA_X
ClientSampled :

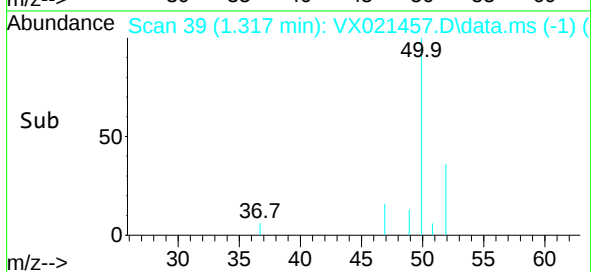
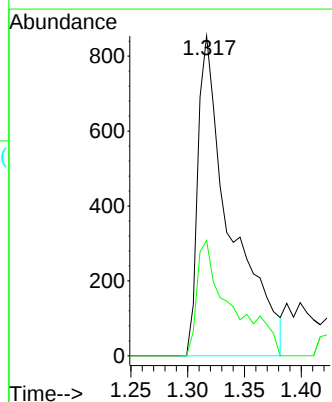
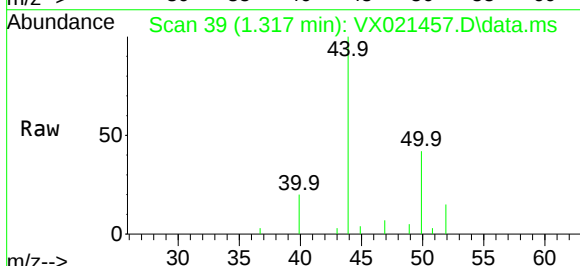


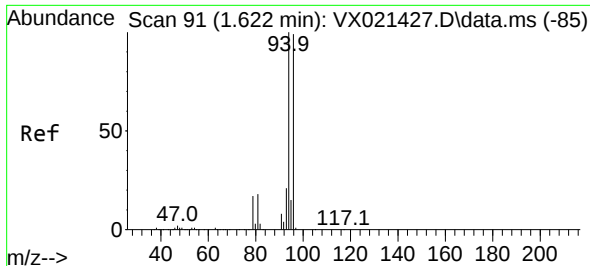
Tgt Ion:168 Resp: 62991
Ion Ratio Lower Upper
168 100
99 67.5 45.8 68.6



#3
Chloromethane
Concen: 2.18 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021457.D
Acq: 25 Mar 2021 00:38

Tgt Ion: 50 Resp: 1700
Ion Ratio Lower Upper
50 100
52 36.1 26.4 39.6

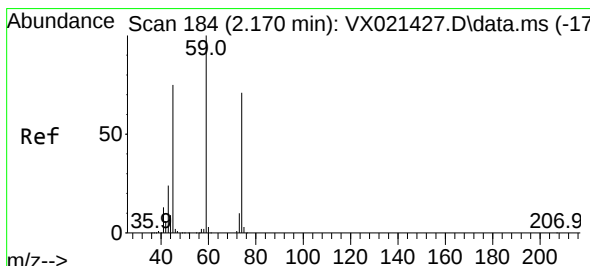
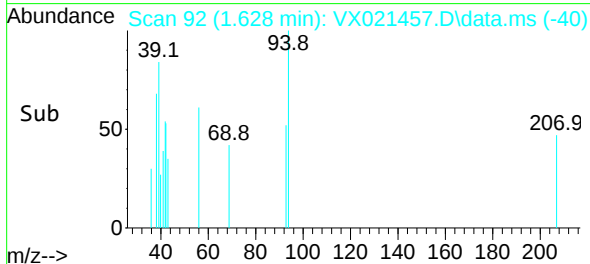
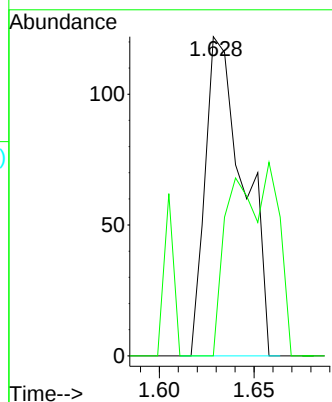
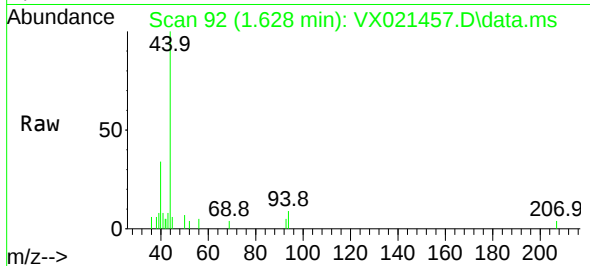




#5
Bromomethane
Concen: 0.61 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021457.D
Acq: 25 Mar 2021 00:38

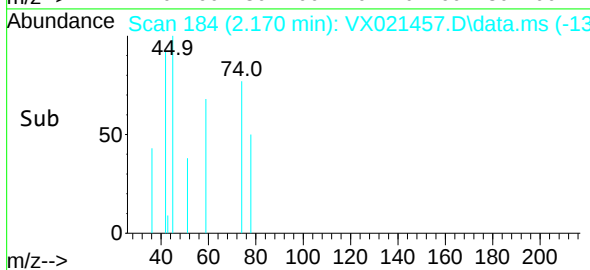
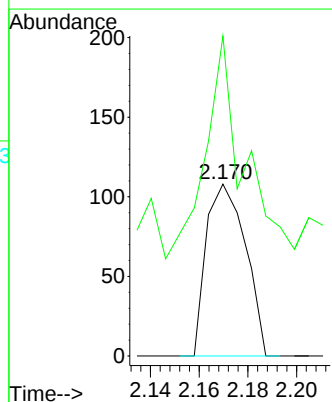
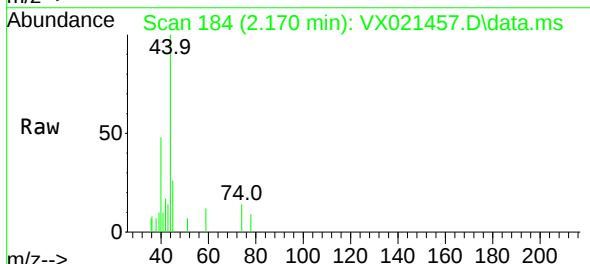
Instrument :
MSVOA_X
ClientSampleId :

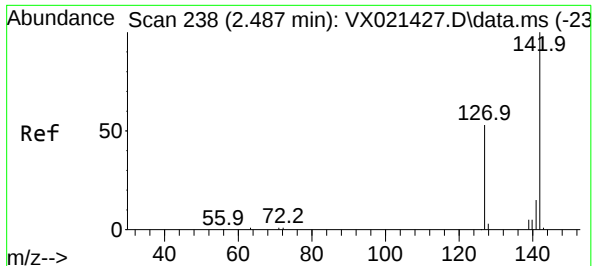
Tgt Ion: 94 Resp: 173
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#8
Diethyl Ether
Concen: 0.30 ug/l
RT: 2.170 min Scan# 184
Delta R.T. -0.000 min
Lab File: VX021457.D
Acq: 25 Mar 2021 00:38

Tgt Ion: 74 Resp: 121
Ion Ratio Lower Upper
74 100
45 134.7 44.5 133.5#

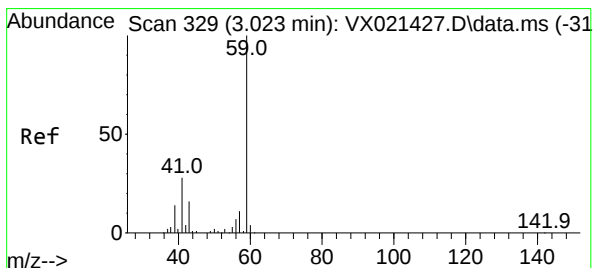
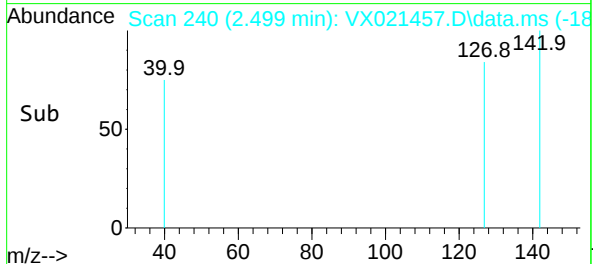
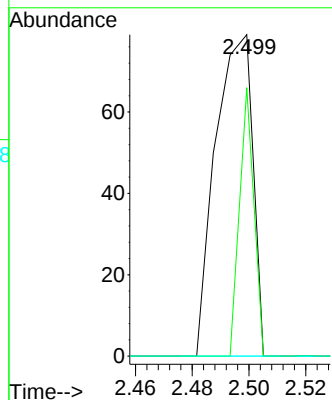
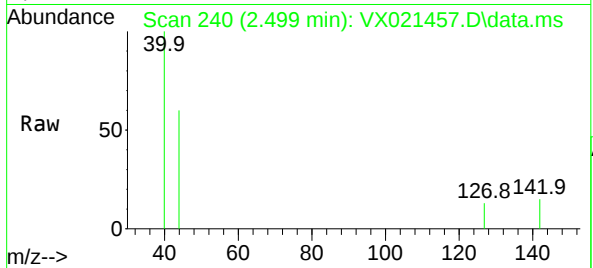




#10
Methyl Iodide
Concen: 6.77 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021457.D
Acq: 25 Mar 2021 00:38

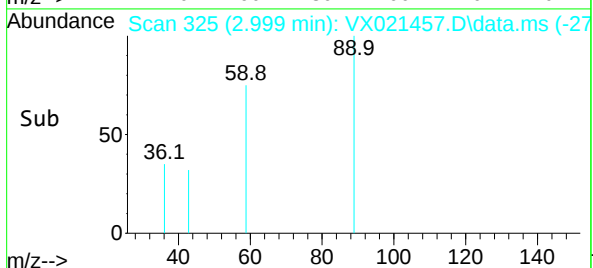
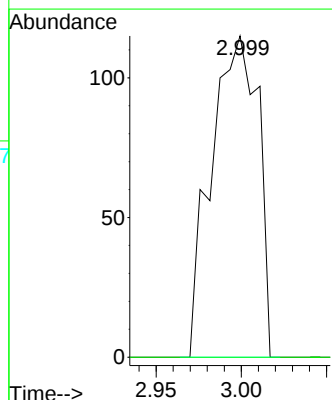
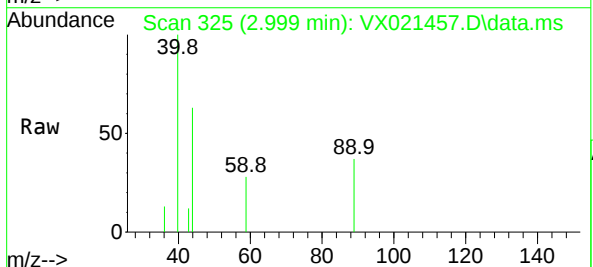
Instrument :
MSVOA_X
ClientSampleId :

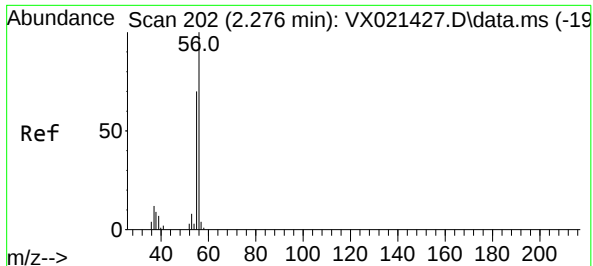
Tgt Ion:142 Resp: 72
Ion Ratio Lower Upper
142 100
127 31.9 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.28 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.024 min
Lab File: VX021457.D
Acq: 25 Mar 2021 00:38

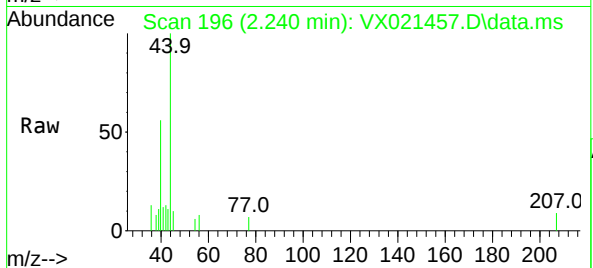
Tgt Ion: 59 Resp: 221
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



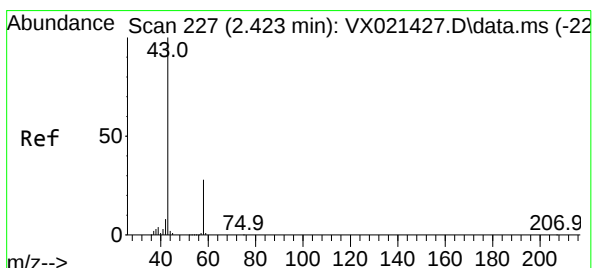
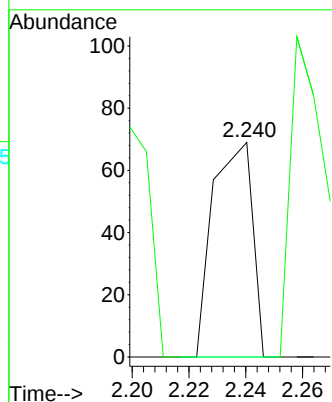
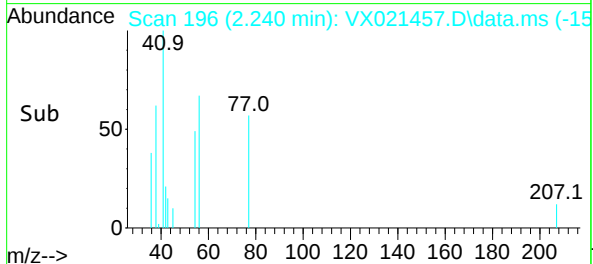


#13
Acrolein
Concen: 5.05 ug/l
RT: 2.240 min Scan# 196
Delta R.T. -0.036 min
Lab File: VX021457.D
Acq: 25 Mar 2021 00:38

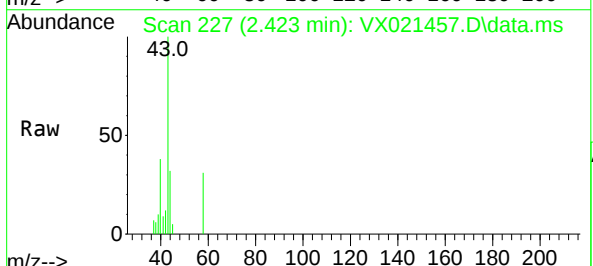
Instrument :
MSVOA_X
ClientSampled :



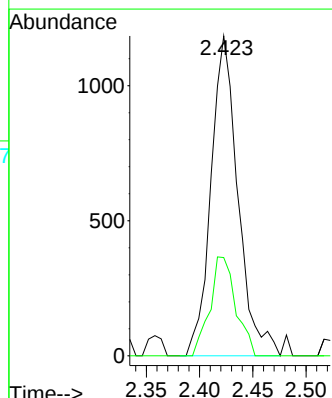
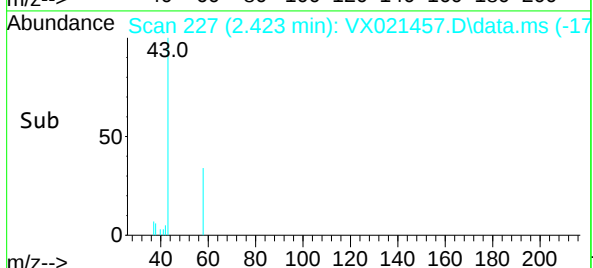
Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 125.4 56.4 84.6#

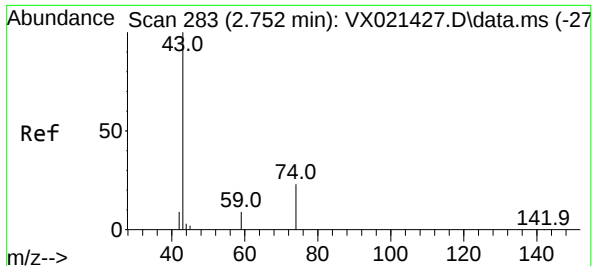


#16
Acetone
Concen: 5.27 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021457.D
Acq: 25 Mar 2021 00:38



Tgt Ion: 43 Resp: 2088
Ion Ratio Lower Upper
43 100
58 30.7 27.8 41.8





#18

Methyl Acetate

Concen: 0.28 ug/l

RT: 2.752 min Scan# 283

Delta R.T. 0.000 min

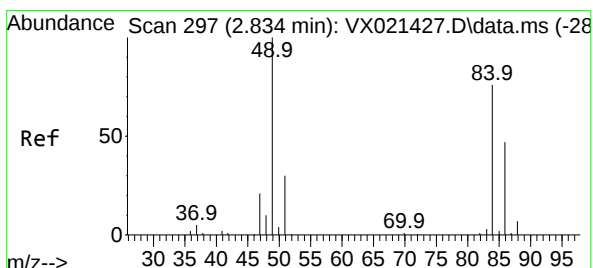
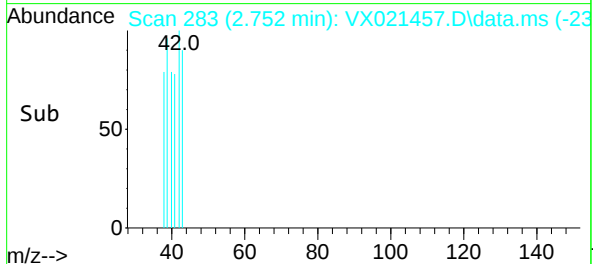
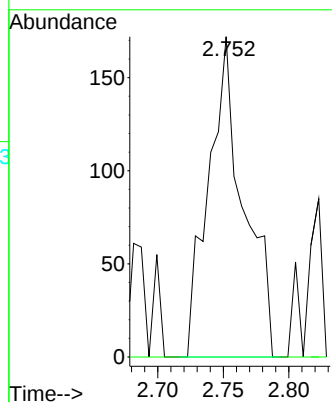
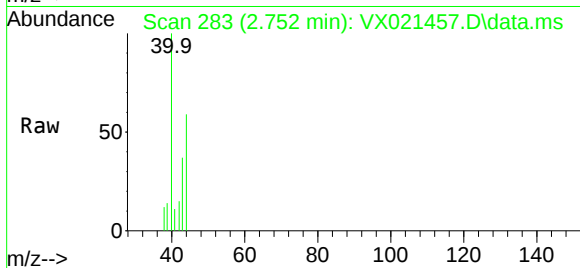
Lab File: VX021457.D

Acq: 25 Mar 2021 00:38

Tgt Ion: 43 Resp: 321

Ion Ratio Lower Upper

43	100		
74	0.0	21.9	32.9#



#20

Methylene Chloride

Concen: 0.42 ug/l

RT: 2.835 min Scan# 297

Delta R.T. 0.001 min

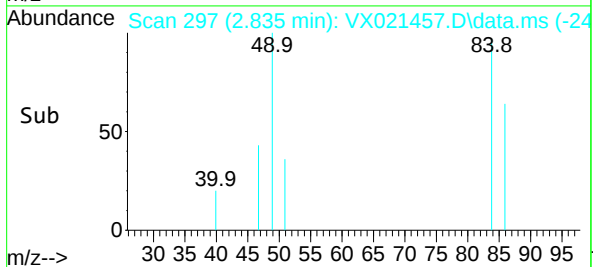
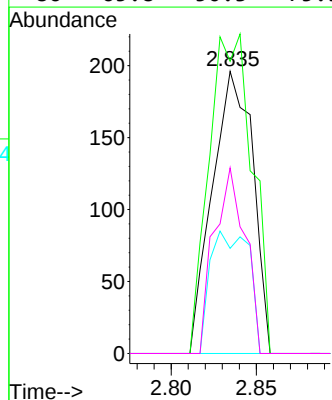
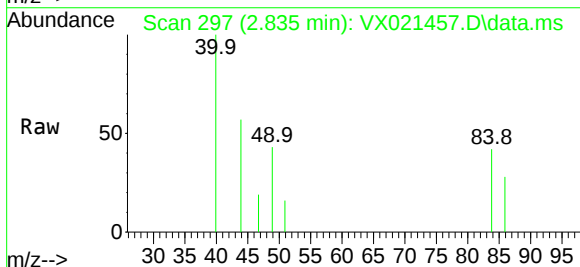
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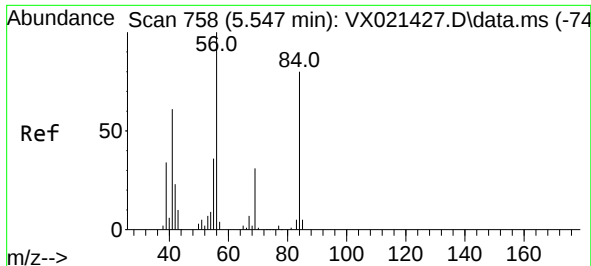
Acq: 25 Mar 2021 00:38

Tgt Ion: 84 Resp: 324

Ion Ratio Lower Upper

84	100		
49	103.6	88.6	132.8
51	37.2	27.0	40.6
86	65.8	50.3	75.5





#31

Cyclohexane

Concen: 1.58 ug/l

RT: 5.635 min Scan# 773

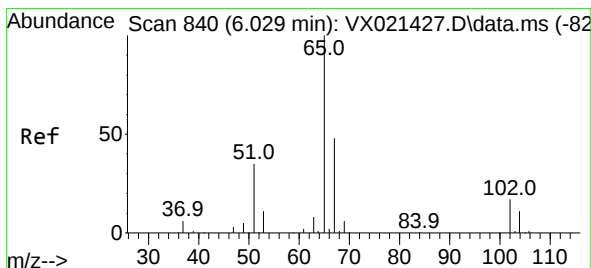
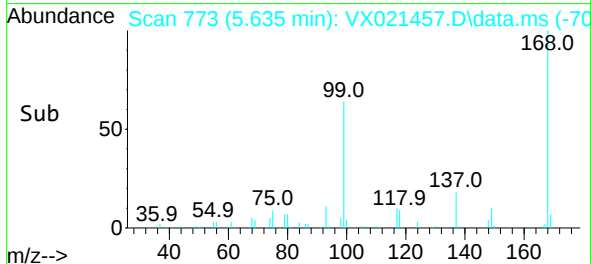
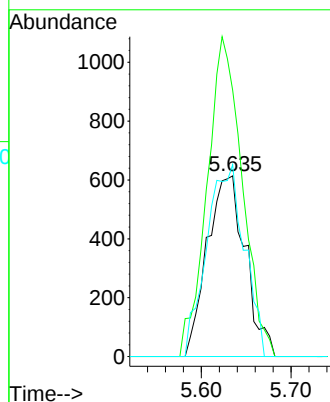
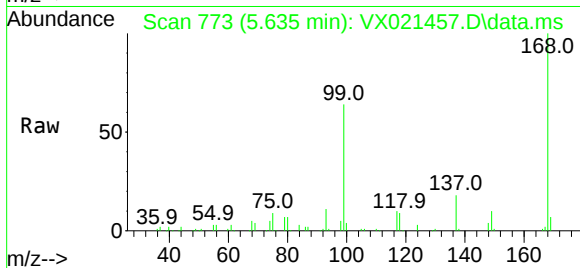
Delta R.T. 0.088 min

Lab File: VX021457.D

Acq: 25 Mar 2021 00:38

Tgt Ion: 56 Resp: 1820

Ion	Ratio	Lower	Upper
56	100		
69	147.4	25.3	37.9#
84	106.2	71.4	107.0



#33

1,2-Dichloroethane-d4

Concen: 52.24 ug/l

RT: 6.029 min Scan# 840

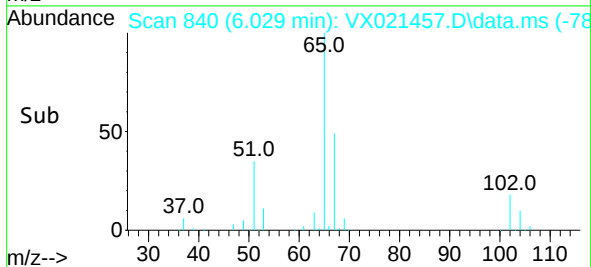
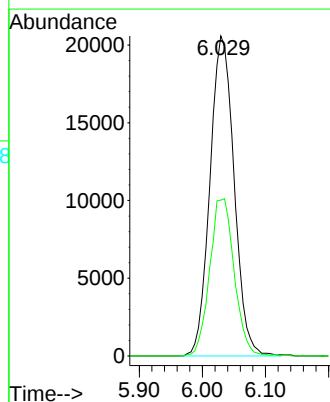
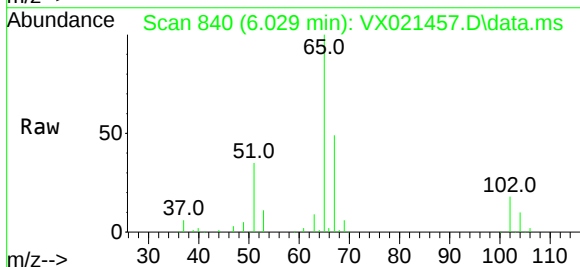
Delta R.T. 0.000 min

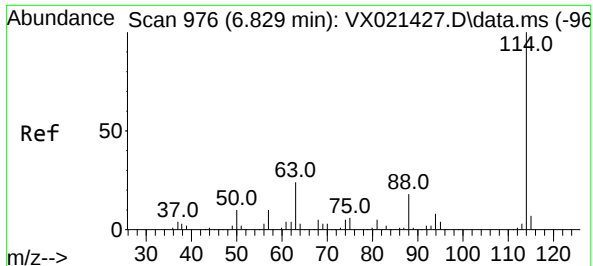
Lab File: VX021457.D

Acq: 25 Mar 2021 00:38

Tgt Ion: 65 Resp: 54755

Ion	Ratio	Lower	Upper
65	100		
67	49.9	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: VX021457.D

Acq: 25 Mar 2021 00:38

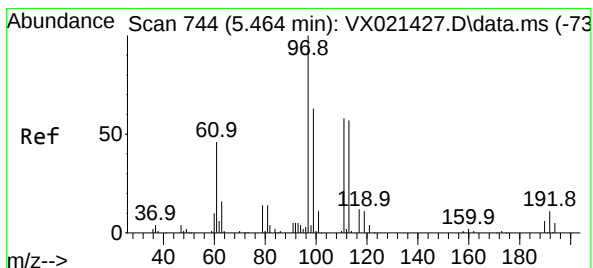
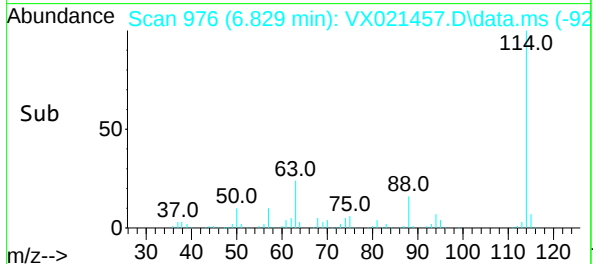
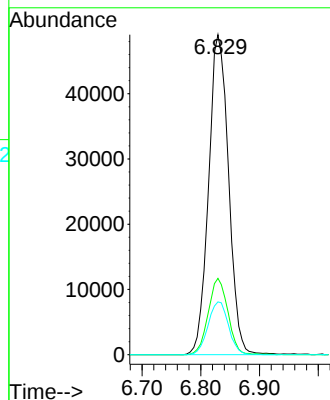
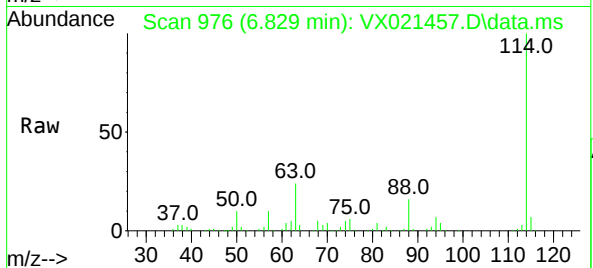
Tgt Ion:114 Resp: 115679

Ion Ratio Lower Upper

114 100

63 23.9 0.0 40.8

88 16.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.31 ug/l

RT: 5.470 min Scan# 745

Delta R.T. 0.006 min

Lab File: VX021457.D

Acq: 25 Mar 2021 00:38

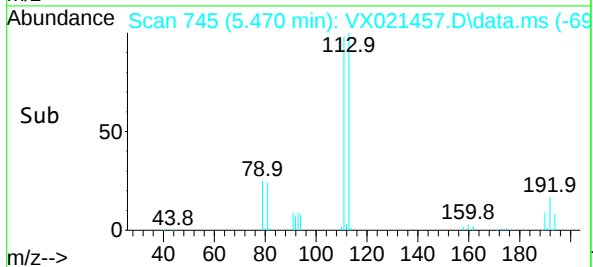
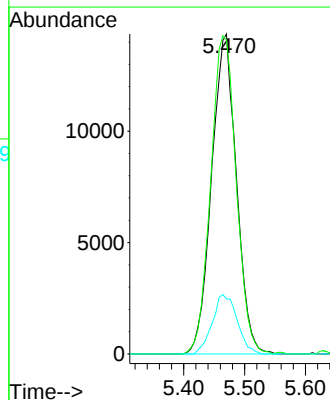
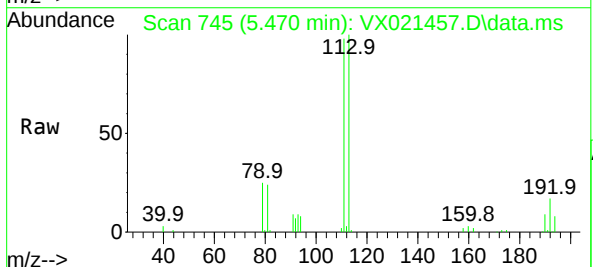
Tgt Ion:113 Resp: 40518

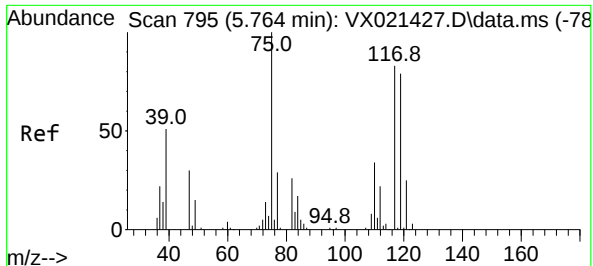
Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

192 18.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.20 ug/l

RT: 5.623 min Scan# 771

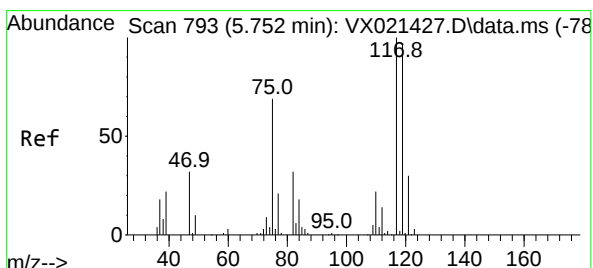
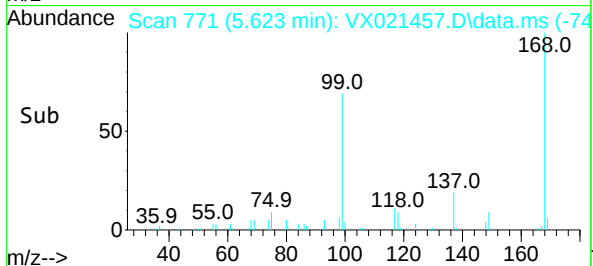
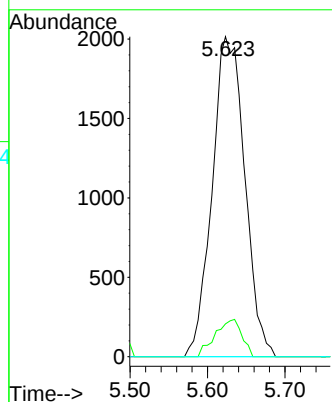
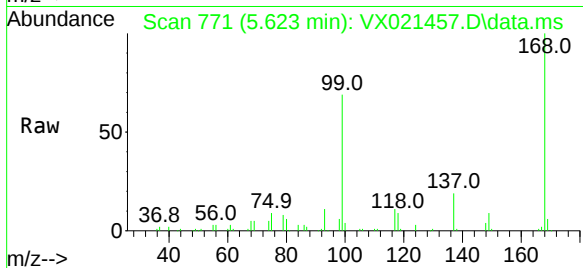
Delta R.T. -0.141 min

Lab File: VX021457.D

Acq: 25 Mar 2021 00:38

Tgt Ion:	75	Resp:	5895
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: 5.64 ug/l

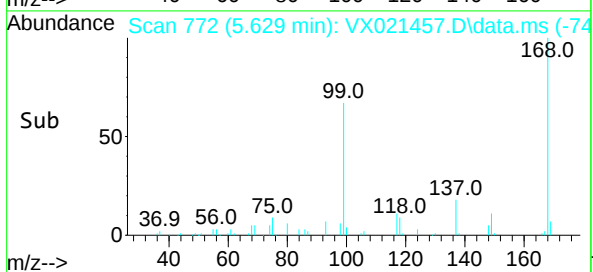
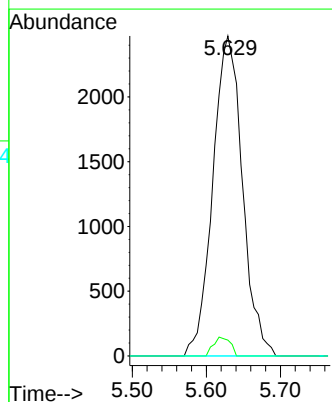
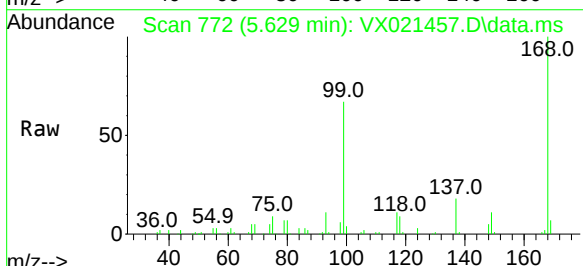
RT: 5.629 min Scan# 772

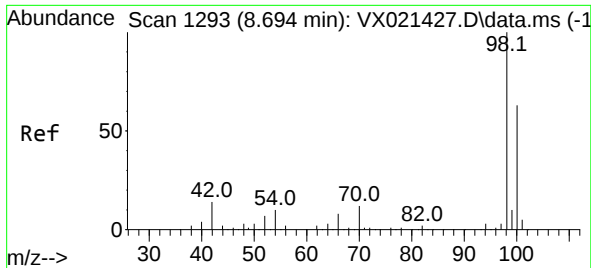
Delta R.T. -0.123 min

Lab File: VX021457.D

Acq: 25 Mar 2021 00:38

Tgt Ion:	117	Resp:	6864
Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.2	114.2#
121	0.0	24.8	37.2#

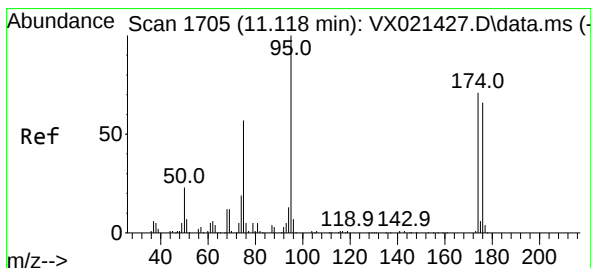
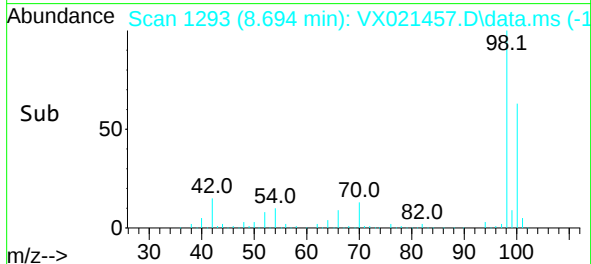
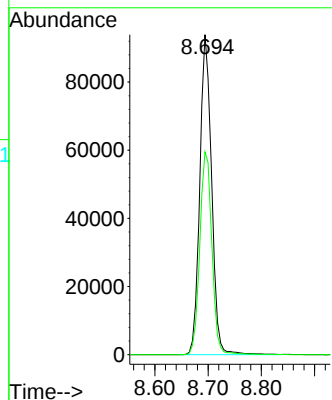
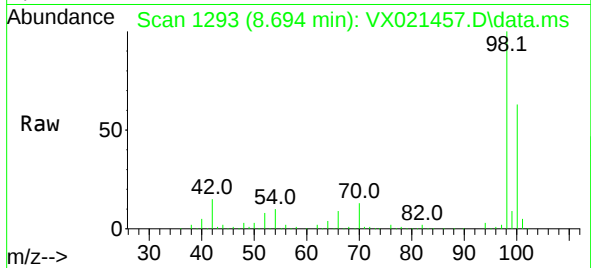




#50
Toluene-d8
Concen: 49.38 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021457.D
Acq: 25 Mar 2021 00:38

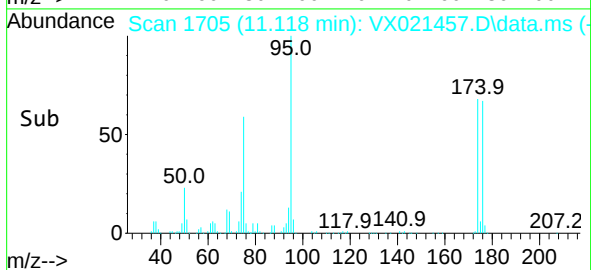
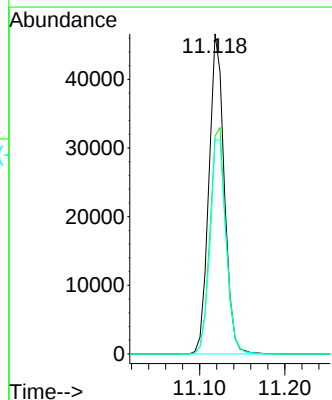
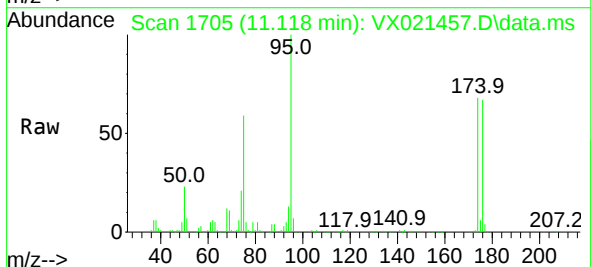
Instrument :
MSVOA_X
ClientSampled :

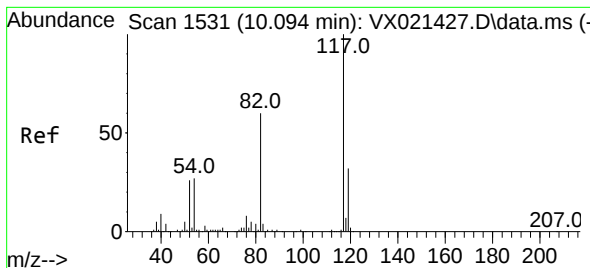
Tgt Ion: 98 Resp: 144579
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.36 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021457.D
Acq: 25 Mar 2021 00:38

Tgt Ion: 95 Resp: 58472
Ion Ratio Lower Upper
95 100
174 73.5 0.0 154.6
176 69.8 0.0 155.8

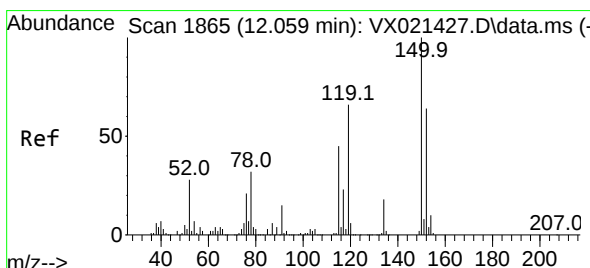
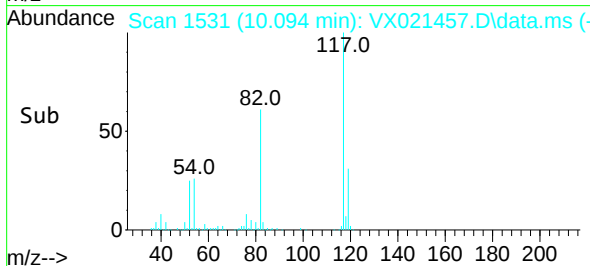
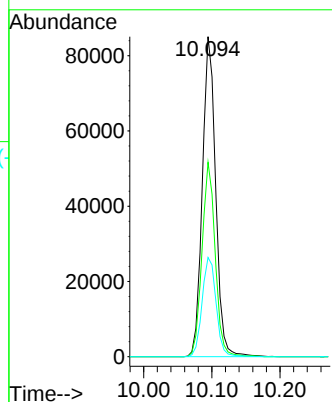
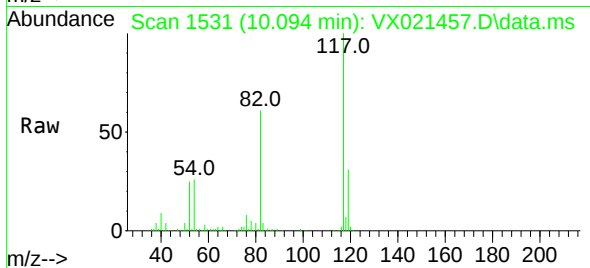




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021457.D
Acq: 25 Mar 2021 00:38

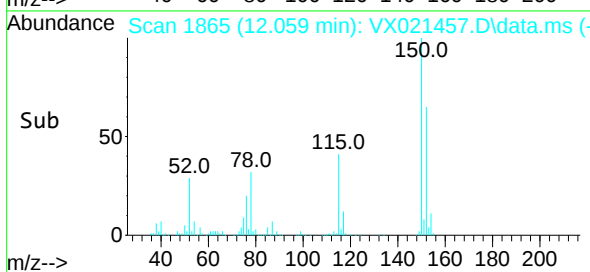
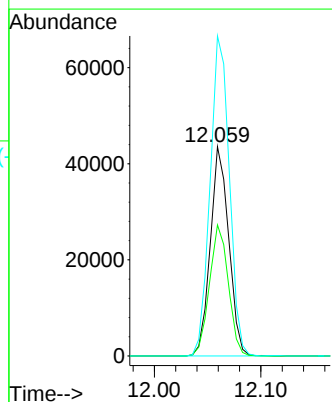
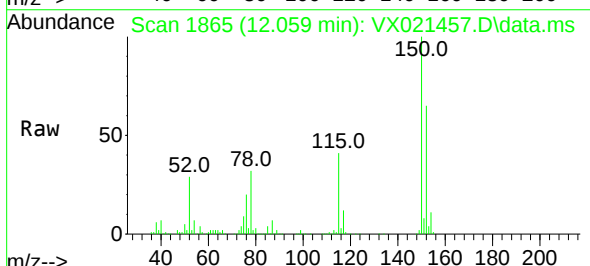
Instrument :
MSVOA_X
ClientSampleId :

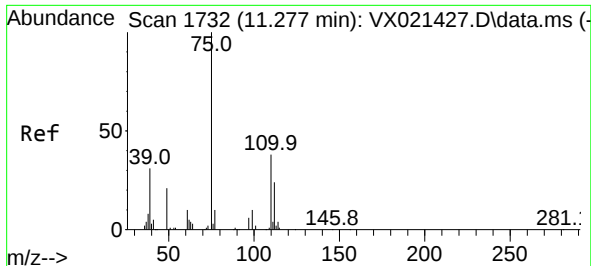
Tgt Ion:117 Resp: 115508
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021457.D
Acq: 25 Mar 2021 00:38

Tgt Ion:152 Resp: 52374
Ion Ratio Lower Upper
152 100
115 64.1 41.1 123.3
150 159.2 0.0 349.0

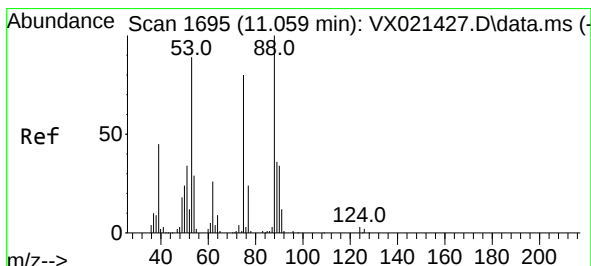
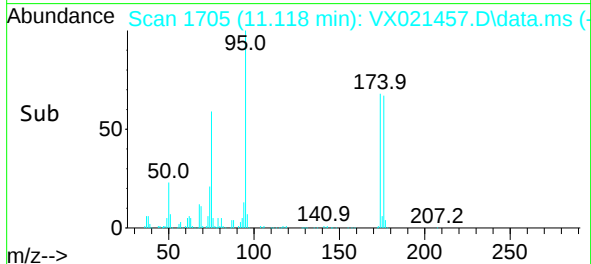
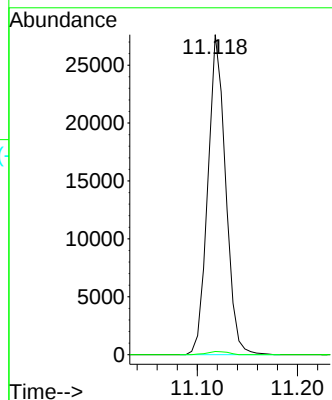
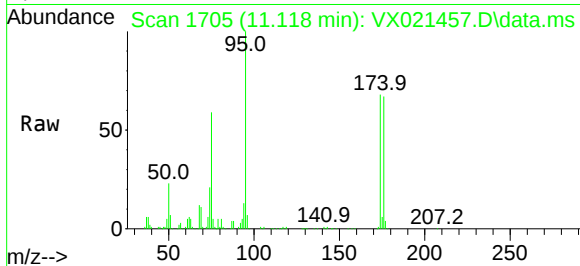




#76
1,2,3-Trichloropropane
Concen: 27.98 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021457.D
Acq: 25 Mar 2021 00:38

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 34121
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.24 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021457.D
Acq: 25 Mar 2021 00:38

Tgt Ion: 75 Resp: 34121
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

