

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021512.D
 Acq On : 26 Mar 2021 02:04
 Operator : JC/MD
 Sample : M1770-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 06:34:13 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)

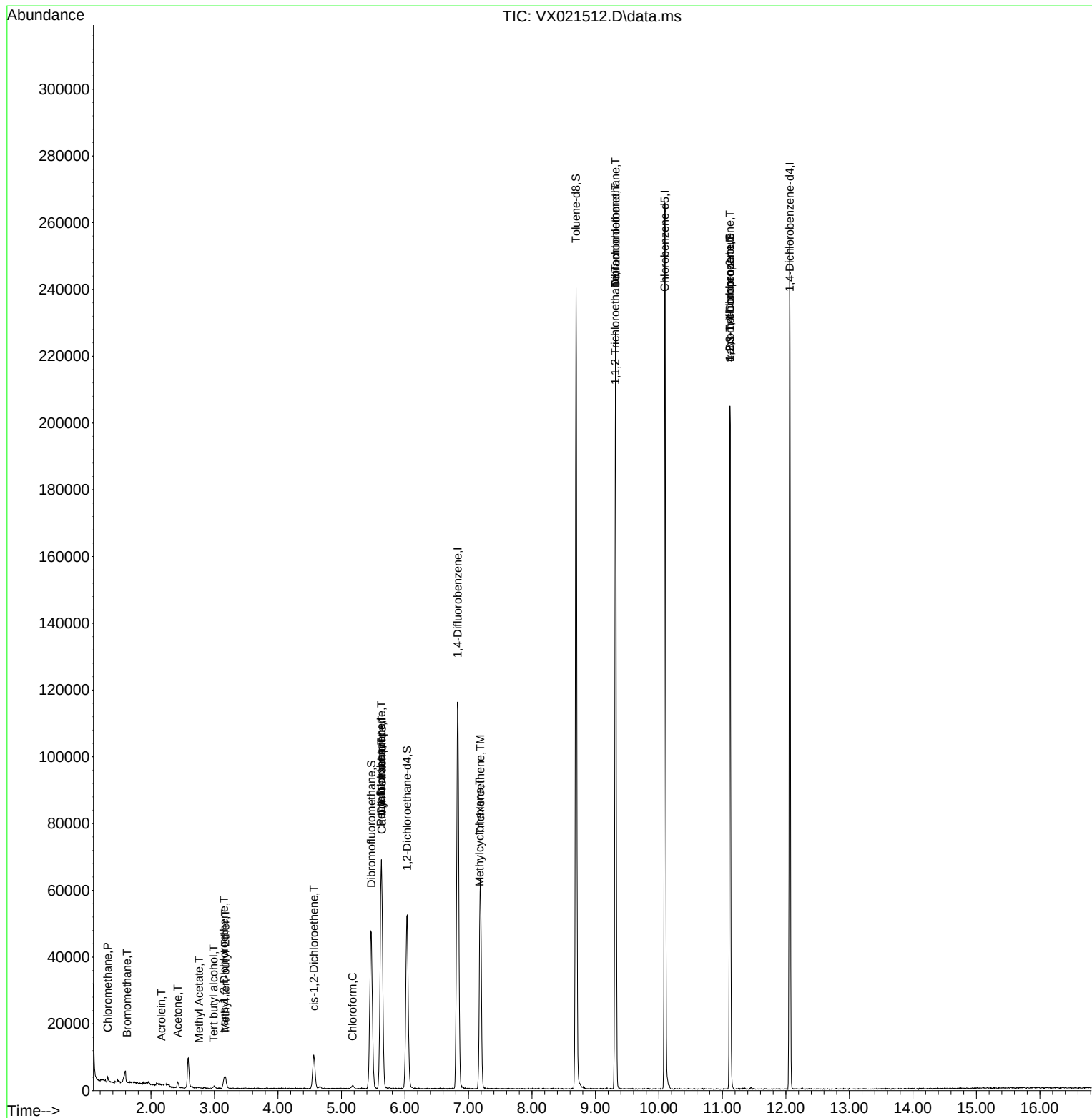
Internal Standards						
1) Pentafluorobenzene	5.623	168	57950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	107648	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	108864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	47526	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	51634	53.55	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 107.10%		
35) Dibromofluoromethane	5.470	113	39094	51.13	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 102.26%		
50) Toluene-d8	8.694	98	136356	50.04	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 100.08%		
62) 4-Bromofluorobenzene	11.118	95	53416	50.42	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 100.84%		
Target Compounds						Qvalue
3) Chloromethane	1.316	50	1893	2.63	ug/l	100
5) Bromomethane	1.622	94	110	0.42	ug/l #	2
11) Tert butyl alcohol	2.987	59	338	2.12	ug/l #	73
13) Acrolein	2.164	56	39	4.77	ug/l	89
16) Acetone	2.423	43	1820	4.99	ug/l	91
18) Methyl Acetate	2.758	43	304	0.29	ug/l #	47
19) Methyl tert-butyl Ether	3.170	73	3524	1.62	ug/l	92
21) trans-1,2-Dichloroethene	3.152	96	644	1.00	ug/l #	83
27) cis-1,2-Dichloroethene	4.564	96	5698	7.65	ug/l	99
30) Chloroform	5.176	83	1040	0.79	ug/l #	76
31) Cyclohexane	5.629	56	1689	1.59	ug/l #	30
36) 1,1-Dichloropropene	5.629	75	5378	5.10	ug/l #	48
38) Carbon Tetrachloride	5.635	117	6469	5.71	ug/l #	17
39) Methylcyclohexane	7.176	83	361	0.31	ug/l #	1
44) Trichloroethene	7.188	130	22072	27.93	ug/l	93
55) 1,1,2-Trichloroethane	9.312	97	457	0.59	ug/l #	3
60) Dibromochloromethane	9.318	129	37954	43.40	ug/l #	11
64) Tetrachloroethene	9.318	164	39703	54.44	ug/l	93
76) 1,2,3-Trichloropropane	11.118	75	30079	27.19	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	30079	82.81	ug/l #	12

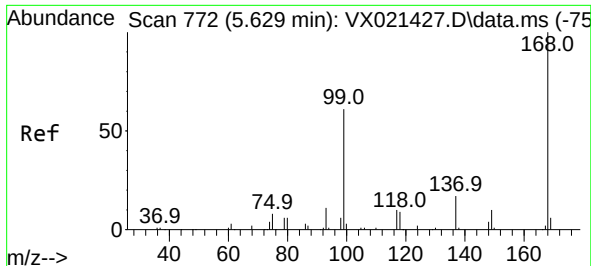
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

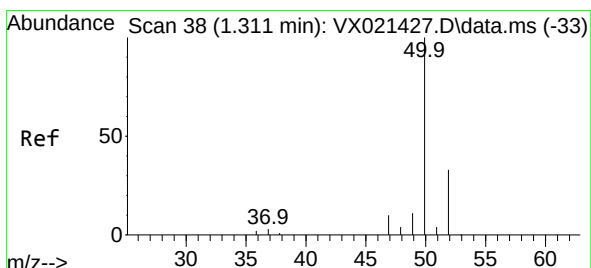
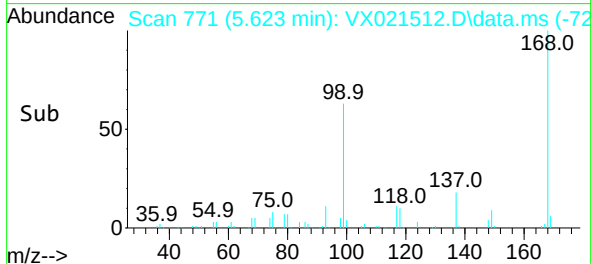
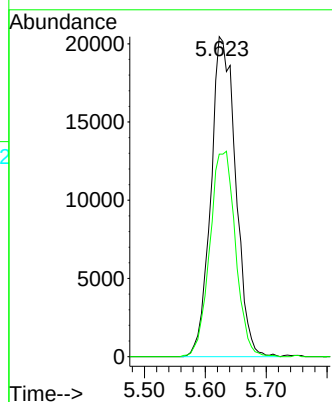
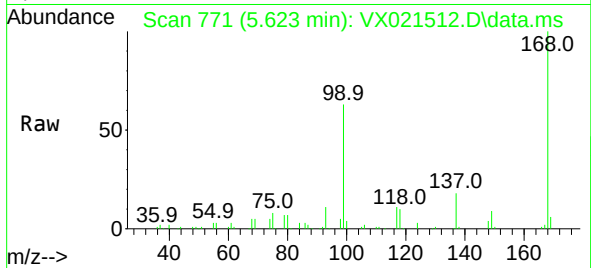




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

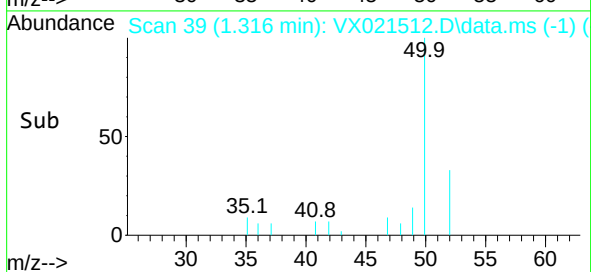
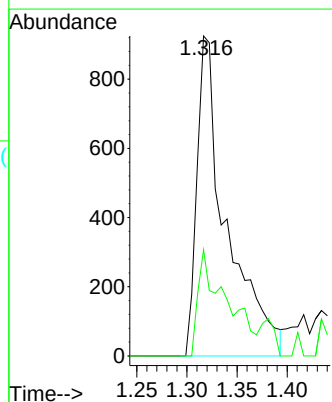
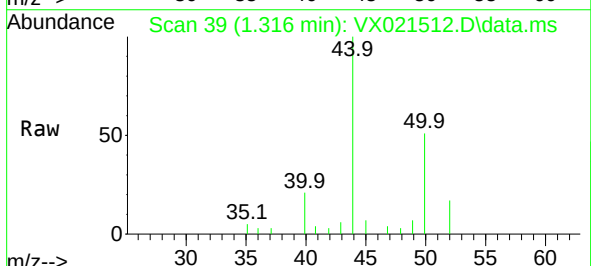
Instrument :
MSVOA_X
ClientSampled :

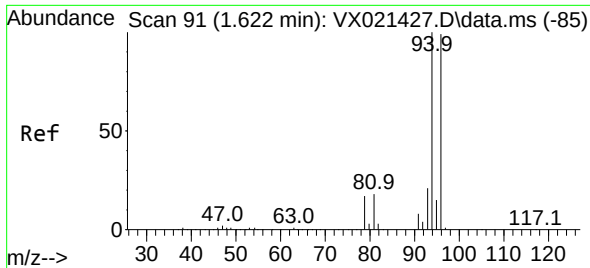
Tgt Ion:168 Resp: 57950
Ion Ratio Lower Upper
168 100
99 63.3 45.8 68.6



#3
Chloromethane
Concen: 2.63 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

Tgt Ion: 50 Resp: 1893
Ion Ratio Lower Upper
50 100
52 33.2 26.4 39.6

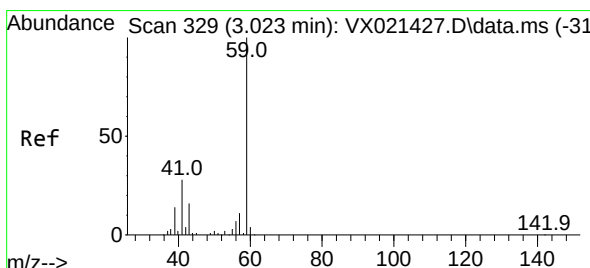
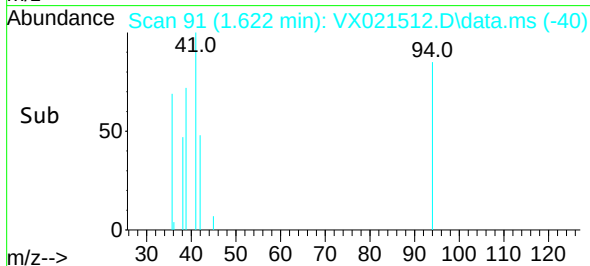
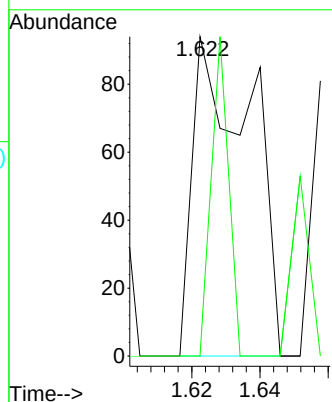
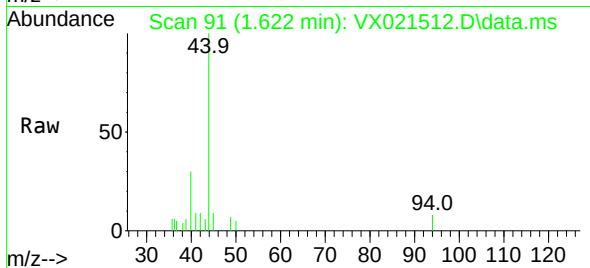




#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

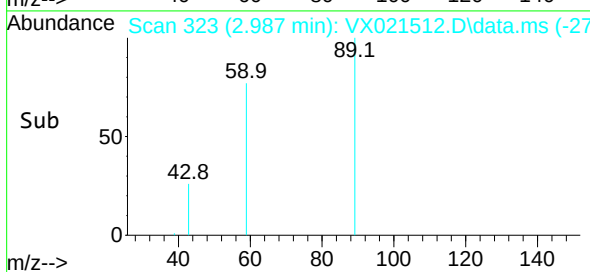
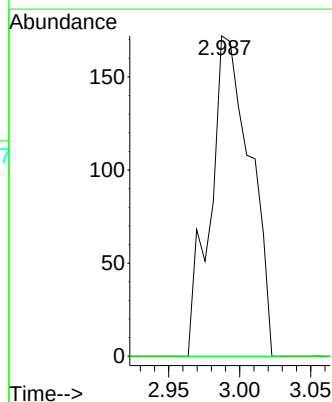
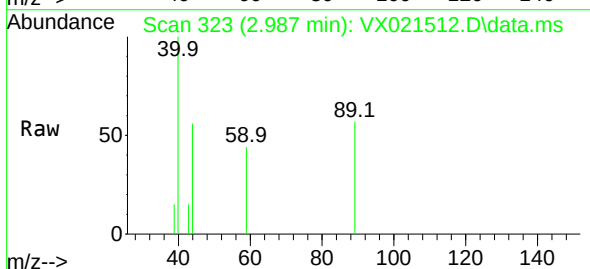
Instrument :
MSVOA_X
ClientSampled :

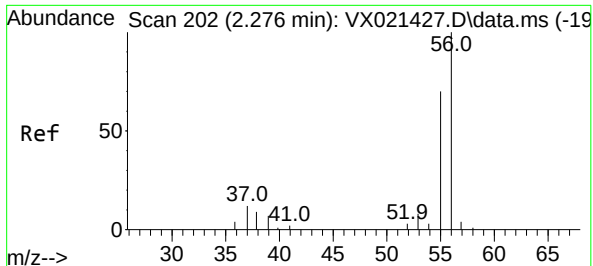
Tgt Ion: 94 Resp: 110
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 2.12 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.036 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

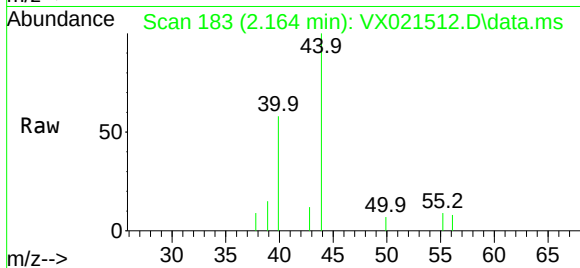
Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



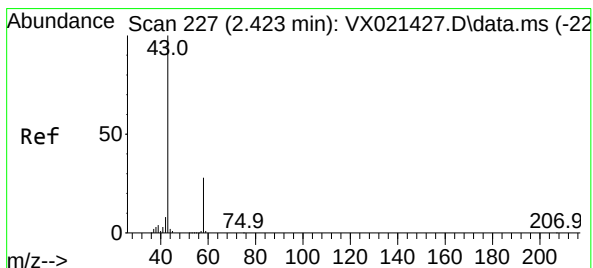
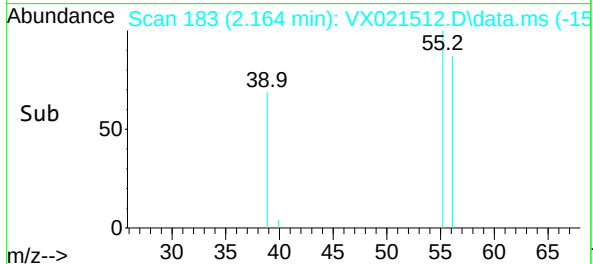
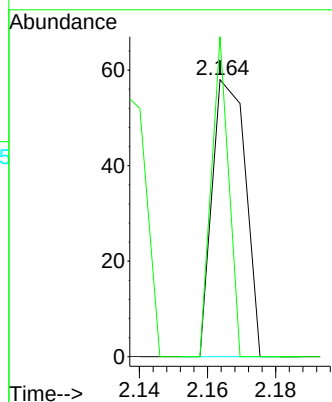


#13
Acrolein
Concen: 4.77 ug/l
RT: 2.164 min Scan# 183
Delta R.T. -0.112 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

Instrument :
MSVOA_X
ClientSampled :

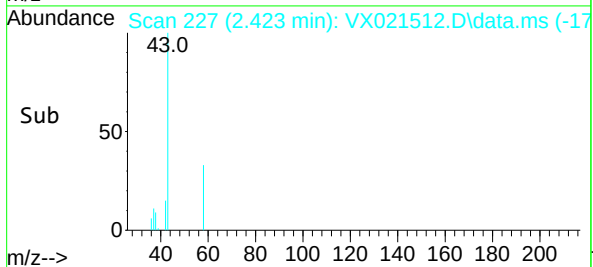
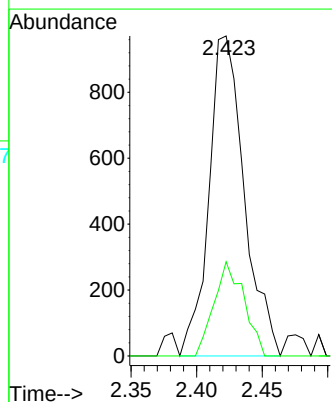
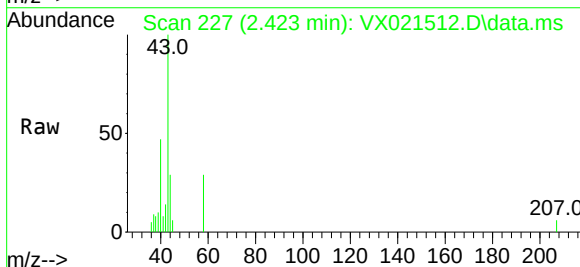


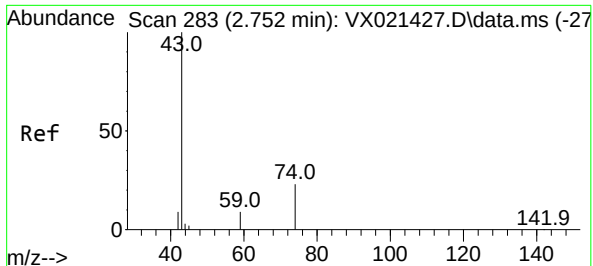
Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 61.5 56.4 84.6



#16
Acetone
Concen: 4.99 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

Tgt Ion: 43 Resp: 1820
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8

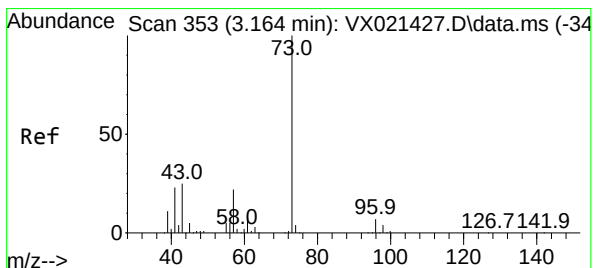
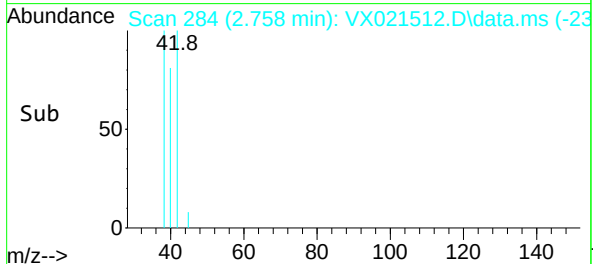
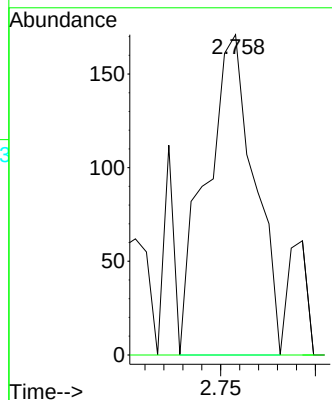
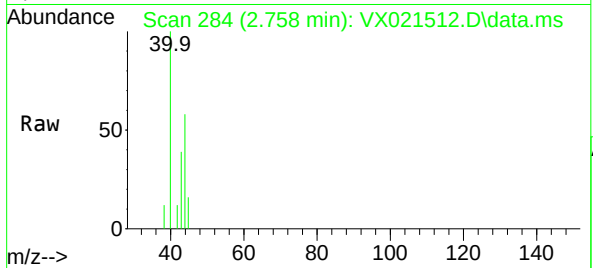




#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

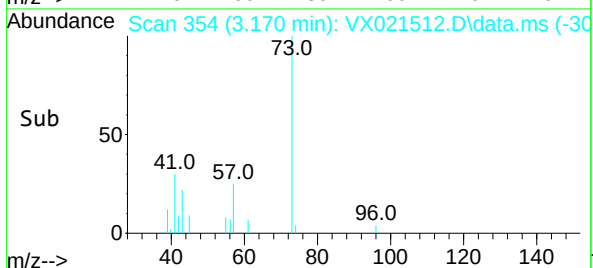
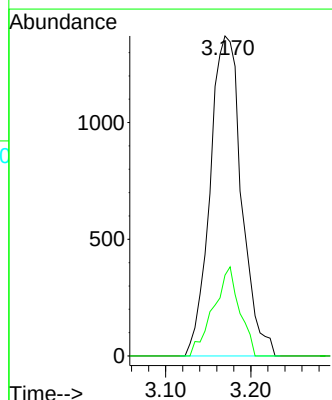
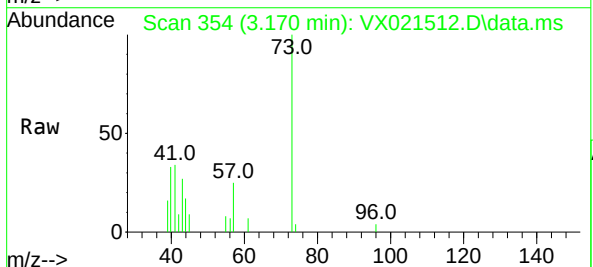
Instrument :
MSVOA_X
ClientSampled :

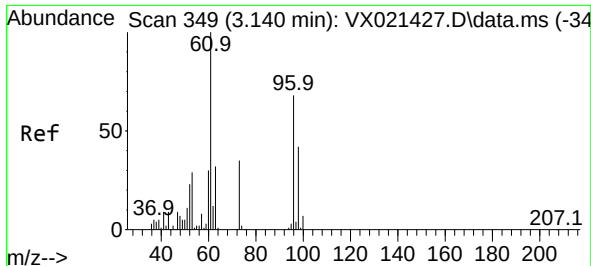
Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#19
Methyl tert-butyl Ether
Concen: 1.62 ug/l
RT: 3.170 min Scan# 354
Delta R.T. 0.006 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

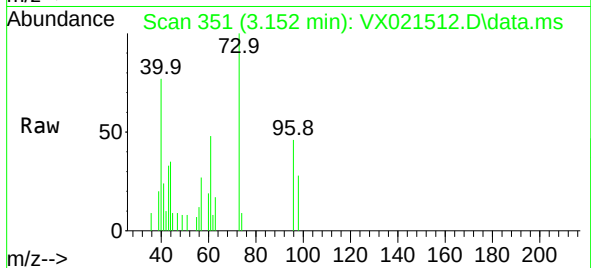
Tgt Ion: 73 Resp: 3524
Ion Ratio Lower Upper
73 100
57 25.2 17.1 25.7



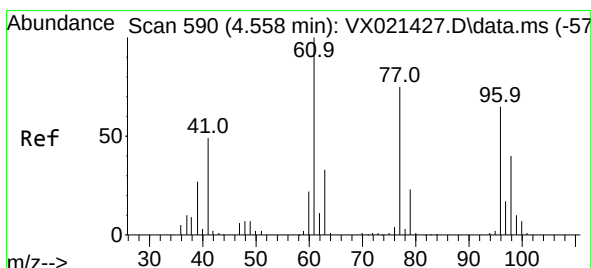
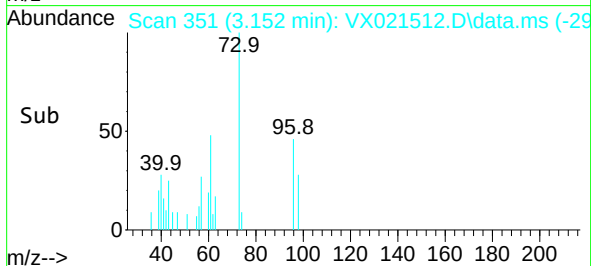
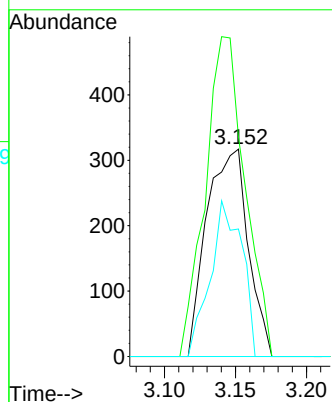


#21
trans-1,2-Dichloroethene
Concen: 1.00 ug/l
RT: 3.152 min Scan# 351
Delta R.T. 0.012 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

Instrument :
MSVOA_X
ClientSampled :

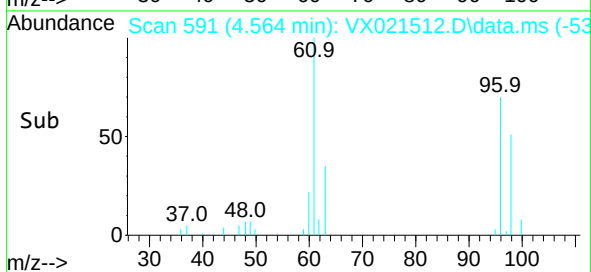
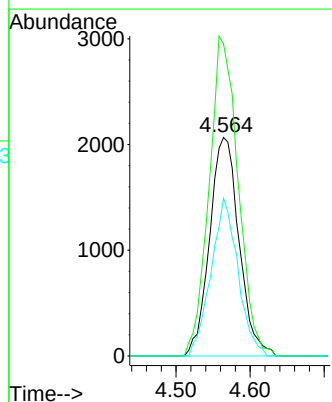
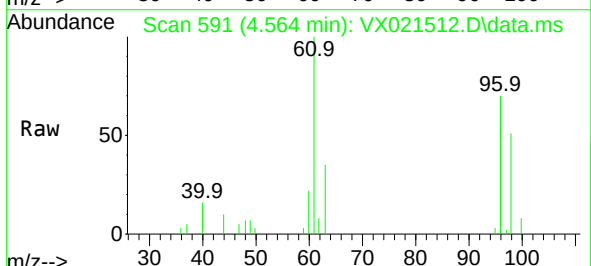


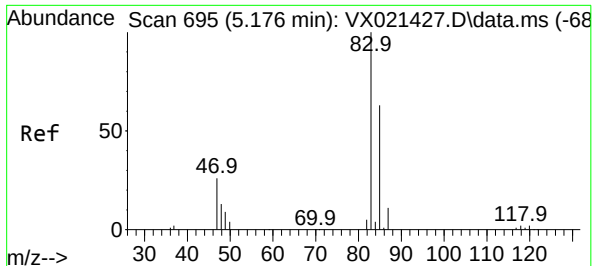
Tgt Ion: 96 Resp: 644
Ion Ratio Lower Upper
96 100
61 106.0 107.7 161.5#
98 61.5 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 7.65 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.006 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

Tgt Ion: 96 Resp: 5698
Ion Ratio Lower Upper
96 100
61 144.5 0.0 285.6
98 66.1 0.0 129.6





#30

Chloroform

Concen: 0.79 ug/l

RT: 5.176 min Scan# 695

Delta R.T. -0.000 min

Lab File: VX021512.D

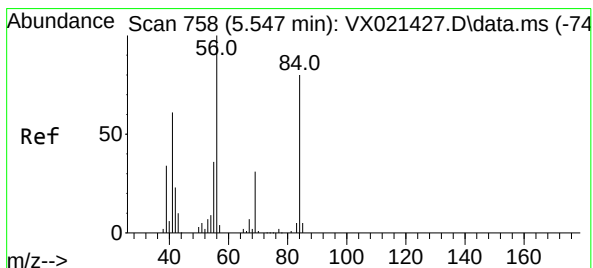
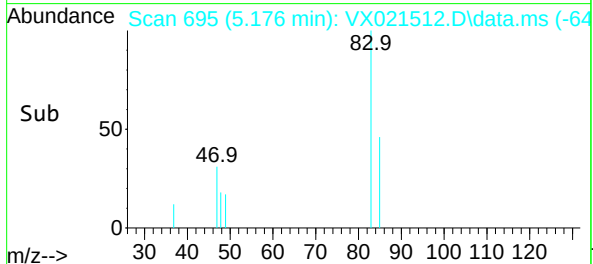
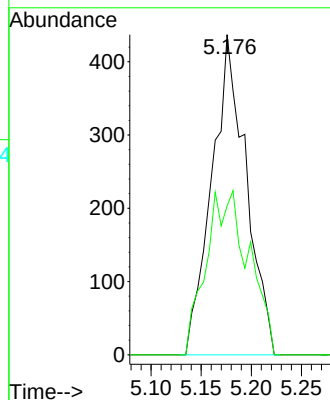
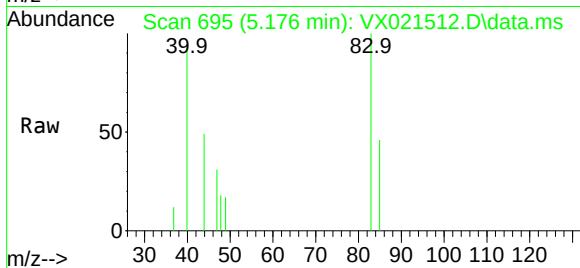
Acq: 26 Mar 2021 02:04

Tgt Ion: 83 Resp: 1040

Ion Ratio Lower Upper

83 100

85 46.5 52.0 78.0#



#31

Cyclohexane

Concen: 1.59 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.082 min

Lab File: VX021512.D

Acq: 26 Mar 2021 02:04

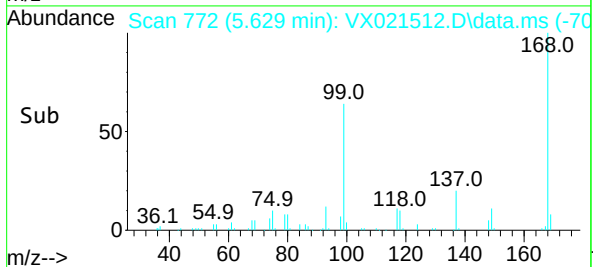
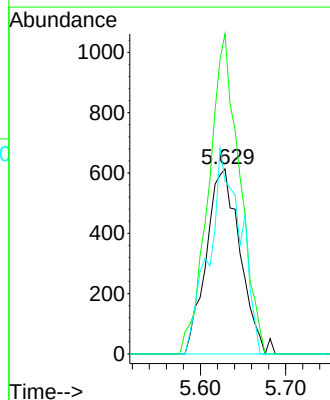
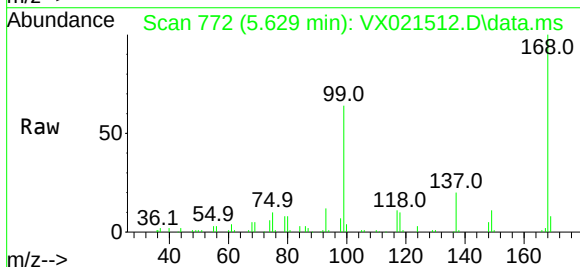
Tgt Ion: 56 Resp: 1689

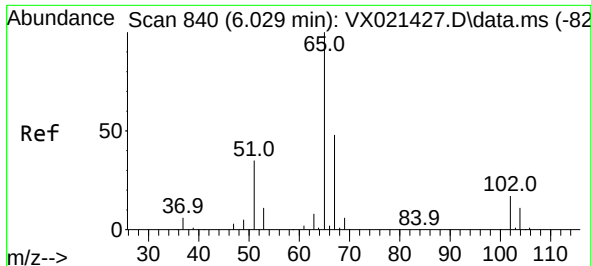
Ion Ratio Lower Upper

56 100

69 172.8 25.3 37.9#

84 93.6 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 53.55 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021512.D

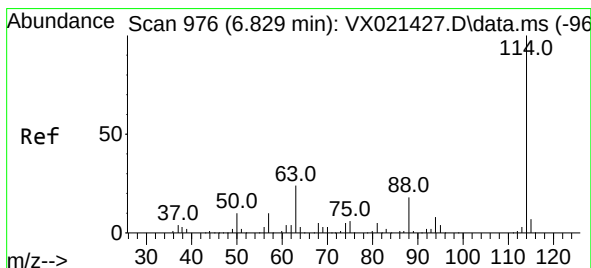
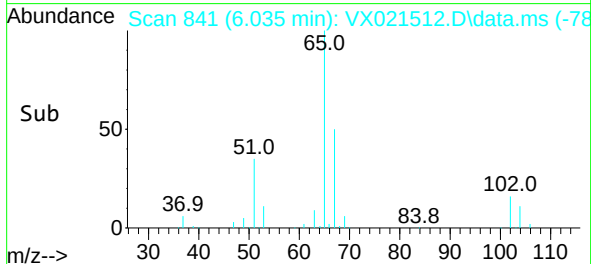
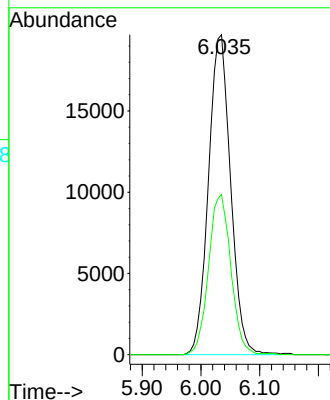
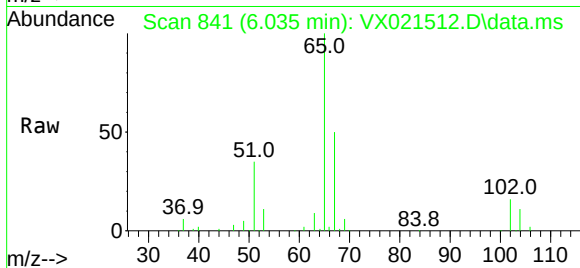
Acq: 26 Mar 2021 02:04

Tgt Ion: 65 Resp: 51634

Ion Ratio Lower Upper

65 100

67 50.3 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: VX021512.D

Acq: 26 Mar 2021 02:04

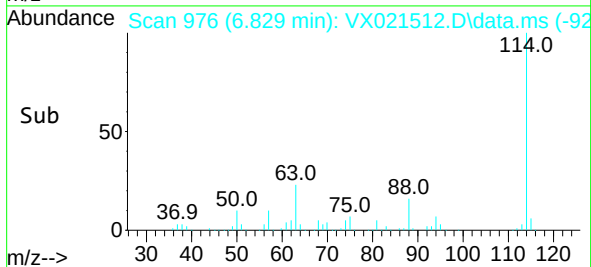
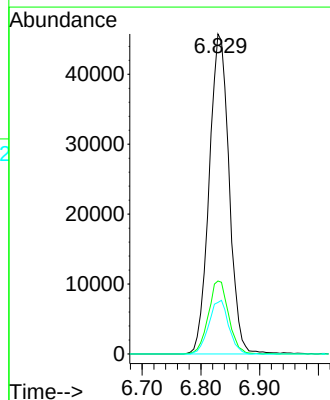
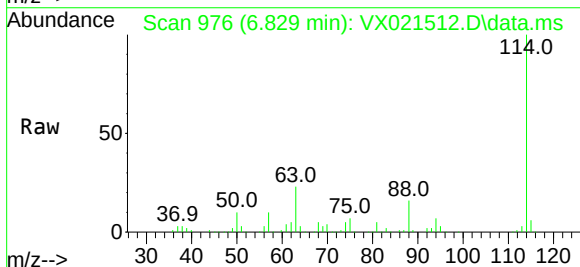
Tgt Ion: 114 Resp: 107648

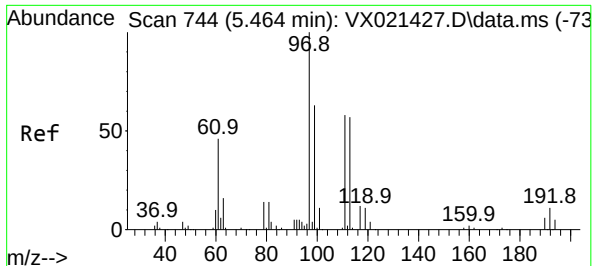
Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.8

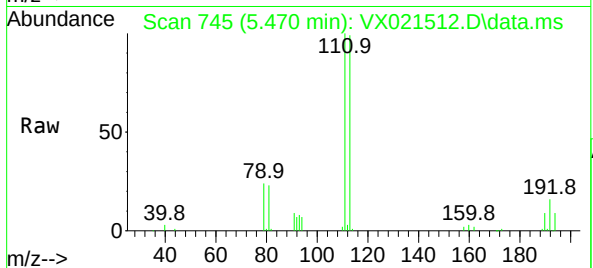
88 16.1 0.0 32.8



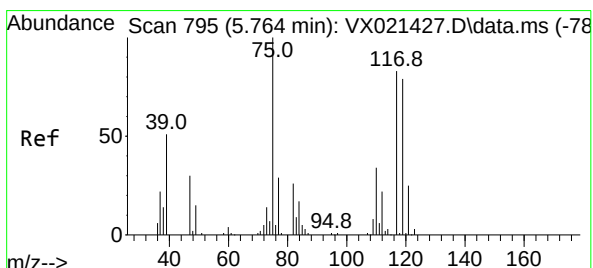
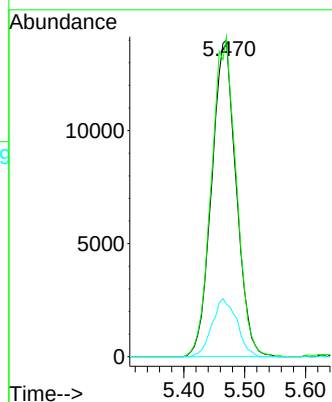
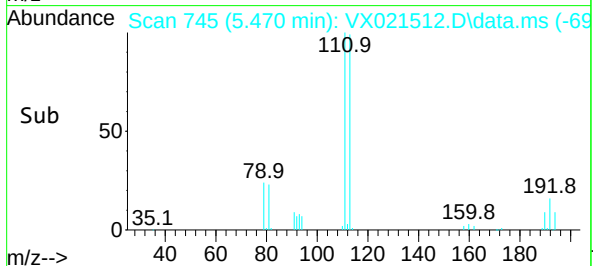


#35
Dibromofluoromethane
Concen: 51.13 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

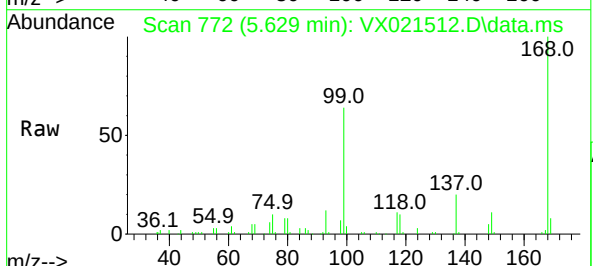
Instrument :
MSVOA_X
ClientSampleId :



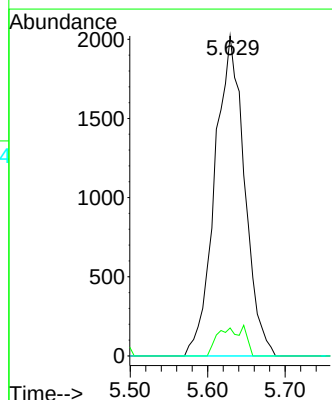
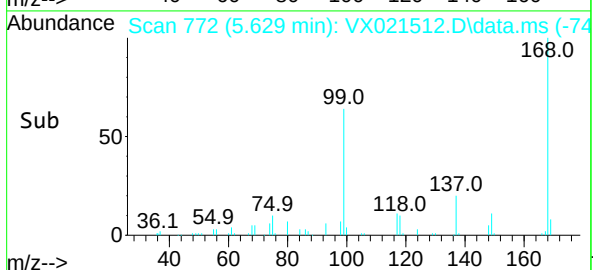
Tgt Ion:113 Resp: 39094
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 18.6 16.7 25.1

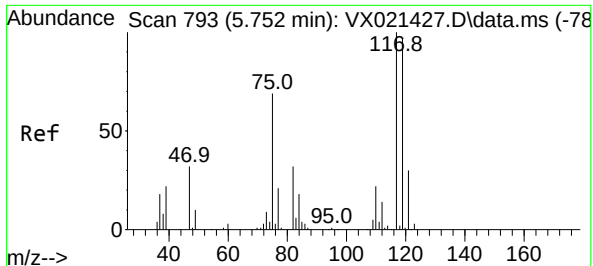


#36
1,1-Dichloropropene
Concen: 5.10 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04



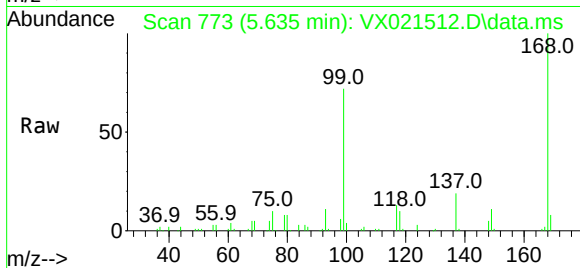
Tgt Ion: 75 Resp: 5378
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#



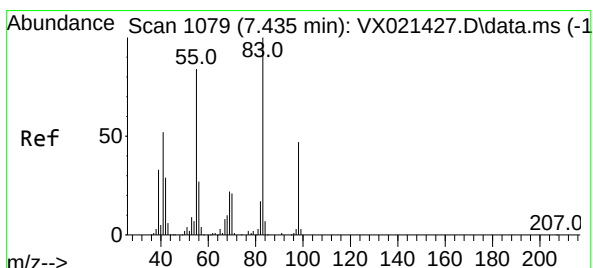
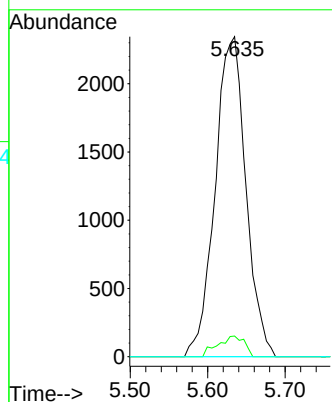
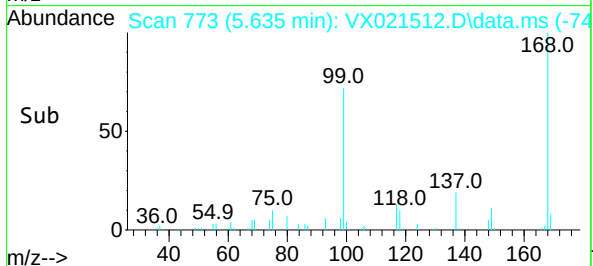


#38
Carbon Tetrachloride
Concen: 5.71 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.117 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

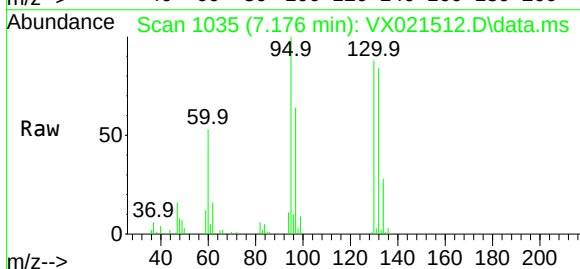
Instrument :
MSVOA_X
ClientSampled :



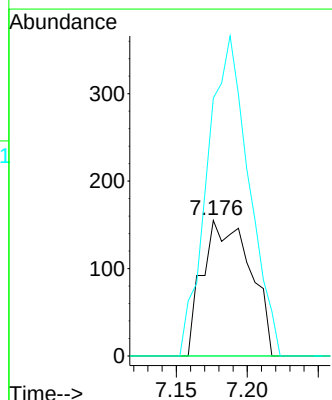
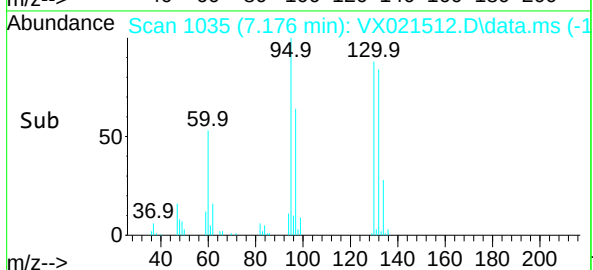
Tgt Ion:117 Resp: 6469
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#

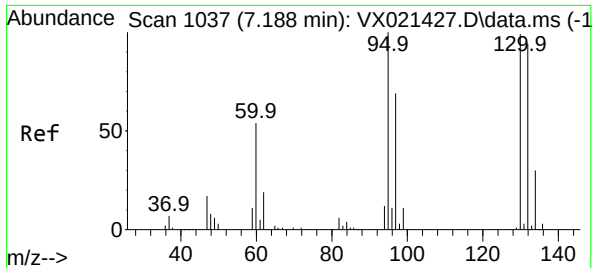


#39
Methylcyclohexane
Concen: 0.31 ug/l
RT: 7.176 min Scan# 1035
Delta R.T. -0.259 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04



Tgt Ion: 83 Resp: 361
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 190.3 38.1 57.1#

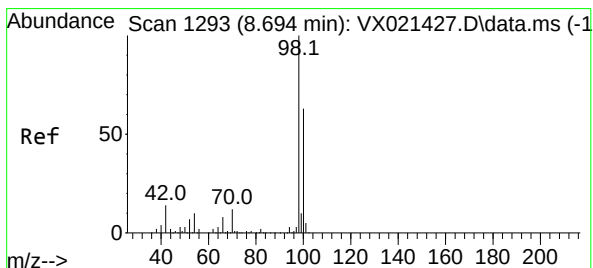
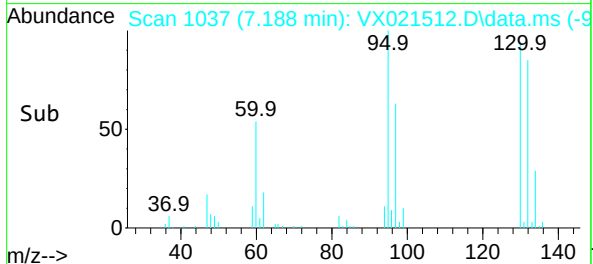
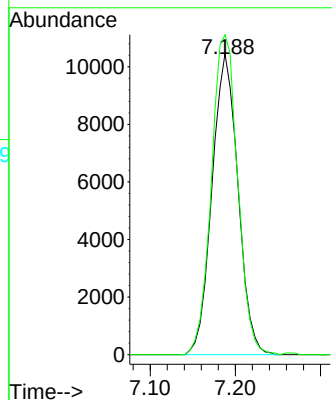
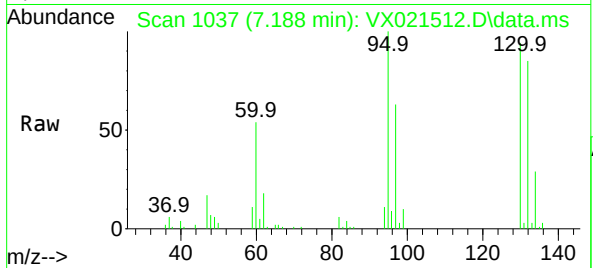




#44
Trichloroethene
Concen: 27.93 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

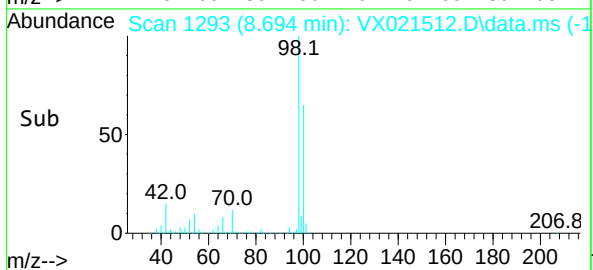
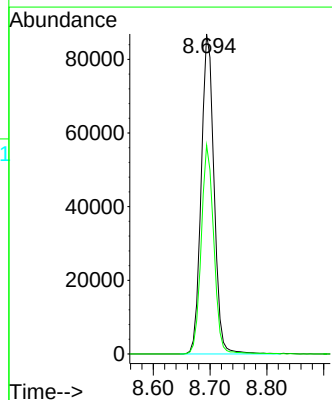
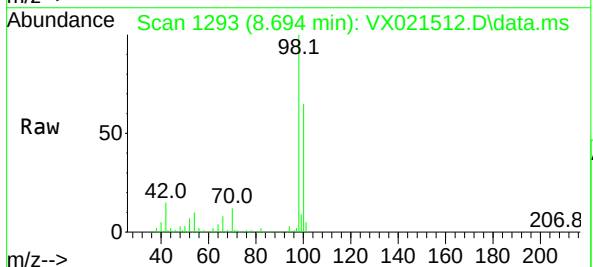
Instrument :
MSVOA_X
ClientSampled :

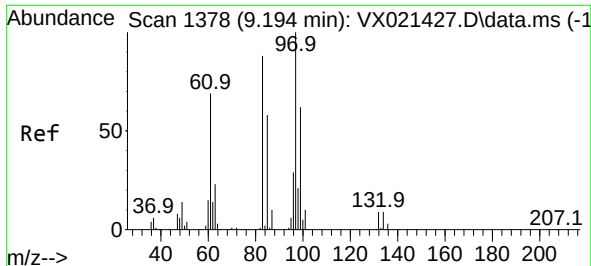
Tgt Ion:130 Resp: 22072
Ion Ratio Lower Upper
130 100
95 106.3 0.0 198.0



#50
Toluene-d8
Concen: 50.04 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

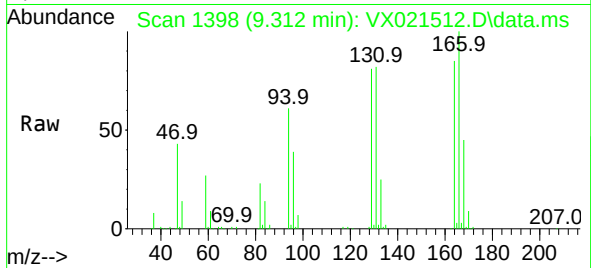
Tgt Ion: 98 Resp: 136356
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



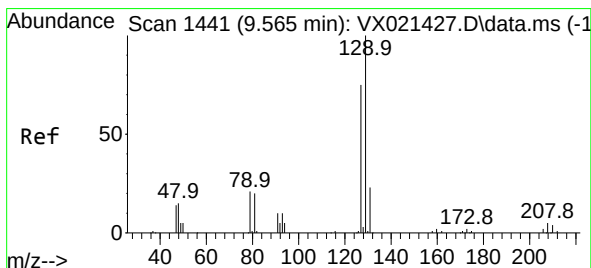
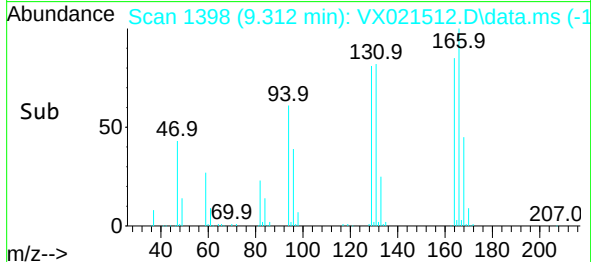
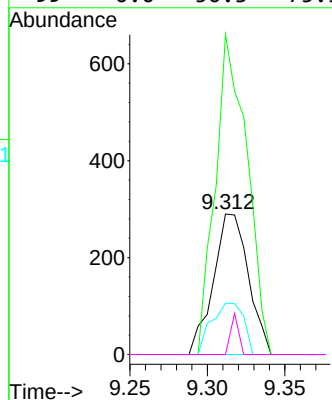


#55
1,1,2-Trichloroethane
Concen: 0.59 ug/l
RT: 9.312 min Scan# 1398
Delta R.T. 0.118 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

Instrument :
MSVOA_X
ClientSampleId :

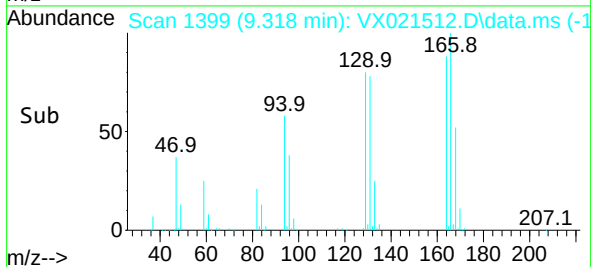
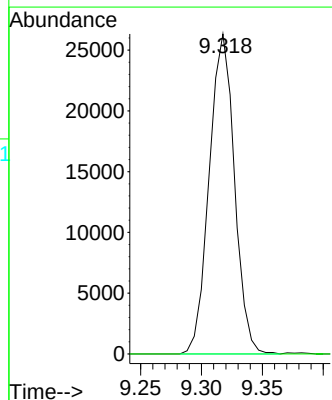
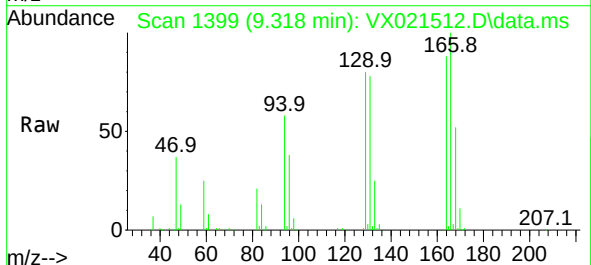


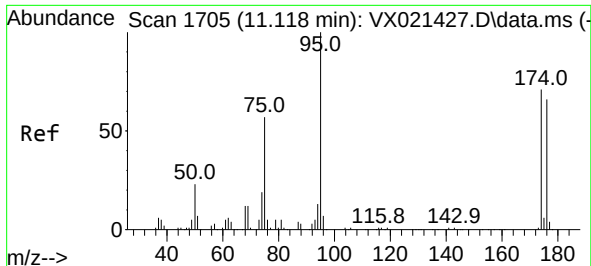
Tgt Ion:	97	Resp:	457
Ion	Ratio	Lower	Upper
97	100		
83	227.6	69.3	103.9#
85	36.6	44.3	66.5#
99	0.0	50.3	75.5#



#60
Dibromochloromethane
Concen: 43.40 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

Tgt Ion:	129	Resp:	37954
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#

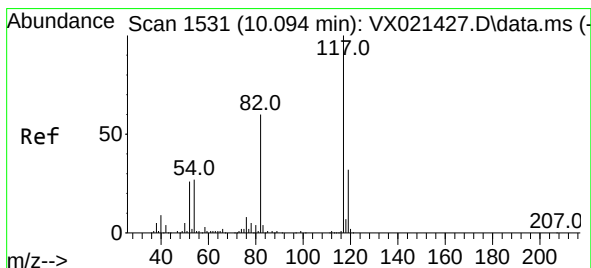
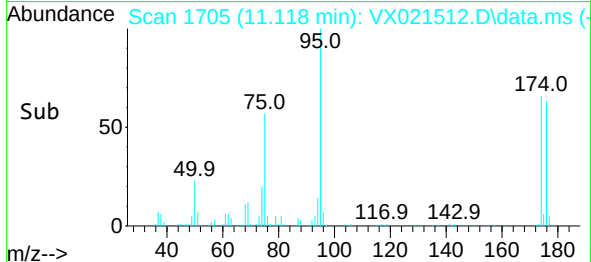
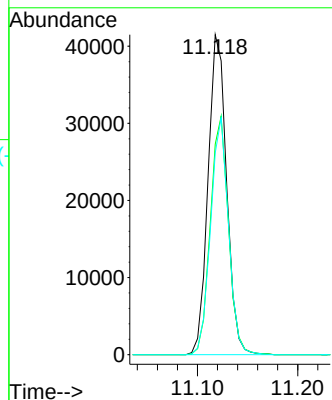
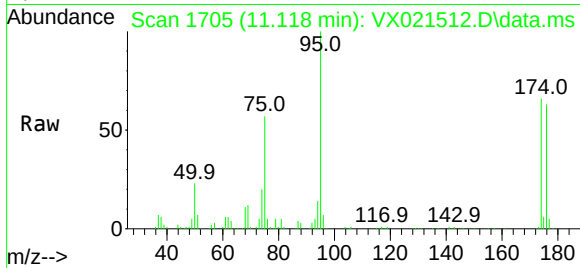




#62
4-Bromofluorobenzene
Concen: 50.42 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

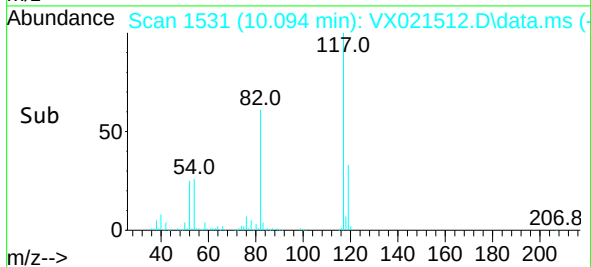
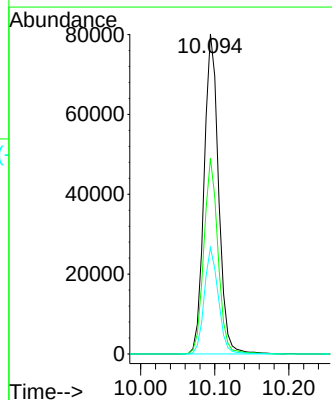
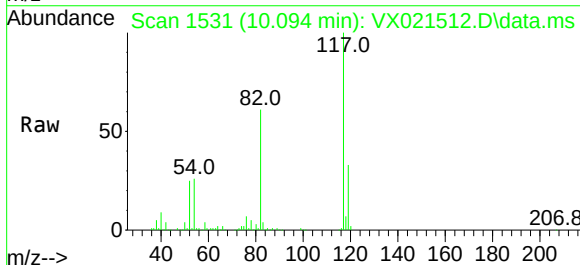
Instrument :
MSVOA_X
ClientSampleId :

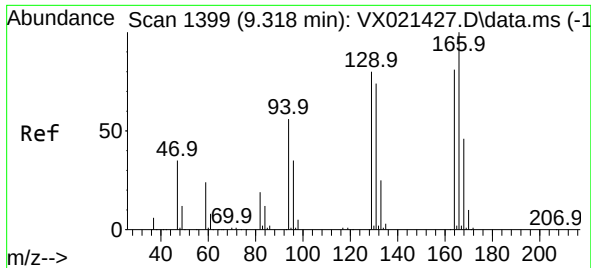
Tgt Ion: 95 Resp: 53416
Ion Ratio Lower Upper
95 100
174 72.8 0.0 154.6
176 71.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

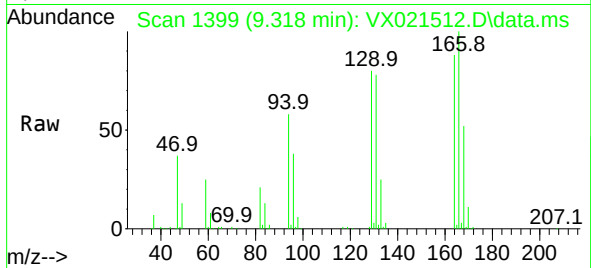
Tgt Ion: 117 Resp: 108864
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 33.2 26.6 39.8



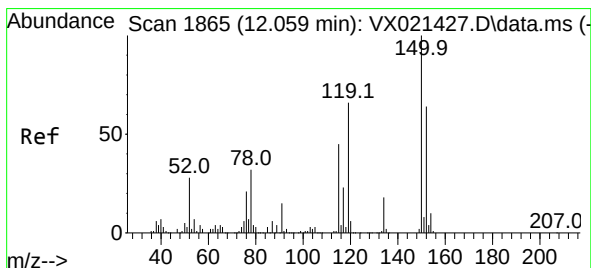
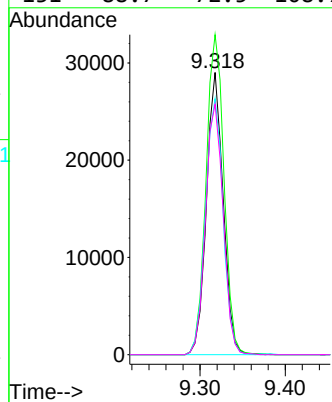
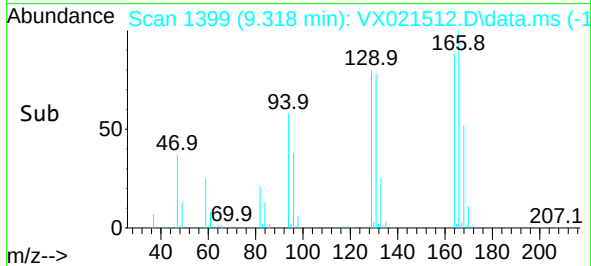


#64
Tetrachloroethene
Concen: 54.44 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

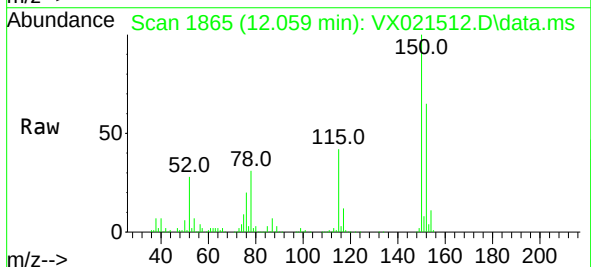
Instrument :
MSVOA_X
ClientSampleId :



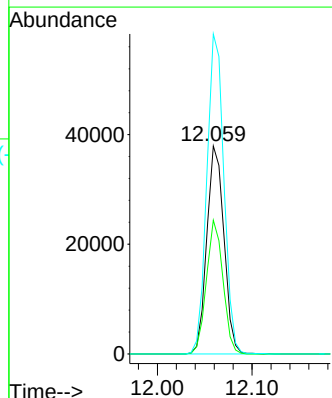
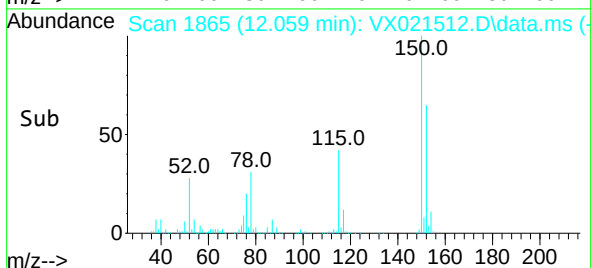
Tgt Ion:164 Resp: 39703
Ion Ratio Lower Upper
164 100
166 113.4 103.4 155.2
129 90.7 70.8 106.2
131 88.7 72.5 108.7

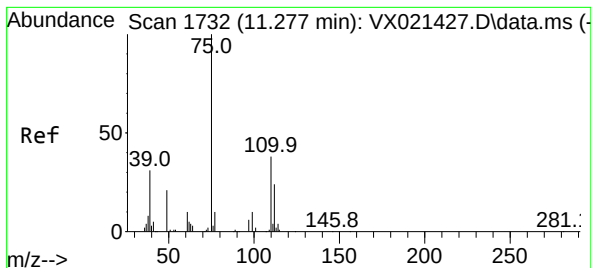


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04



Tgt Ion:152 Resp: 47526
Ion Ratio Lower Upper
152 100
115 62.0 41.1 123.3
150 152.7 0.0 349.0

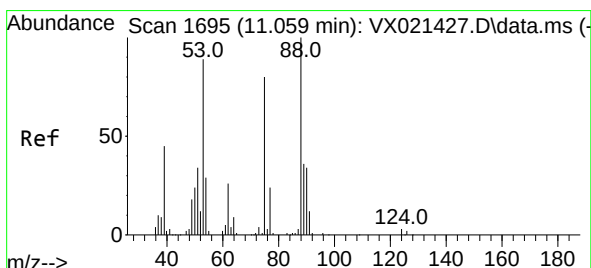
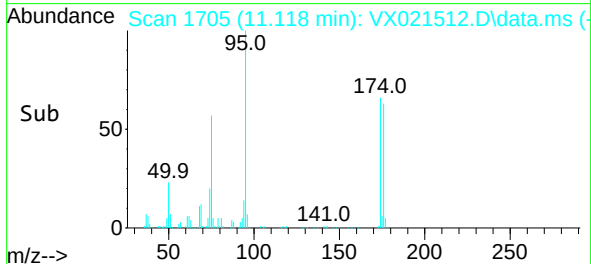
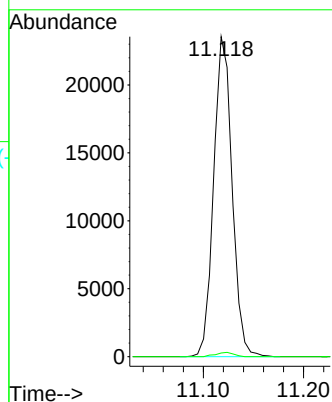
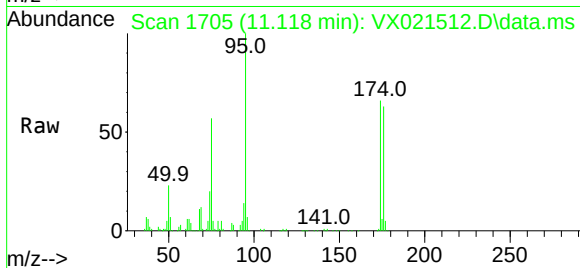




#76
1,2,3-Trichloropropane
Concen: 27.19 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 30079
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.81 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021512.D
Acq: 26 Mar 2021 02:04

Tgt Ion: 75 Resp: 30079
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

