

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021463.D
 Acq On : 25 Mar 2021 02:59
 Operator : JC/MD
 Sample : M1770-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 25 06:55:12 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)

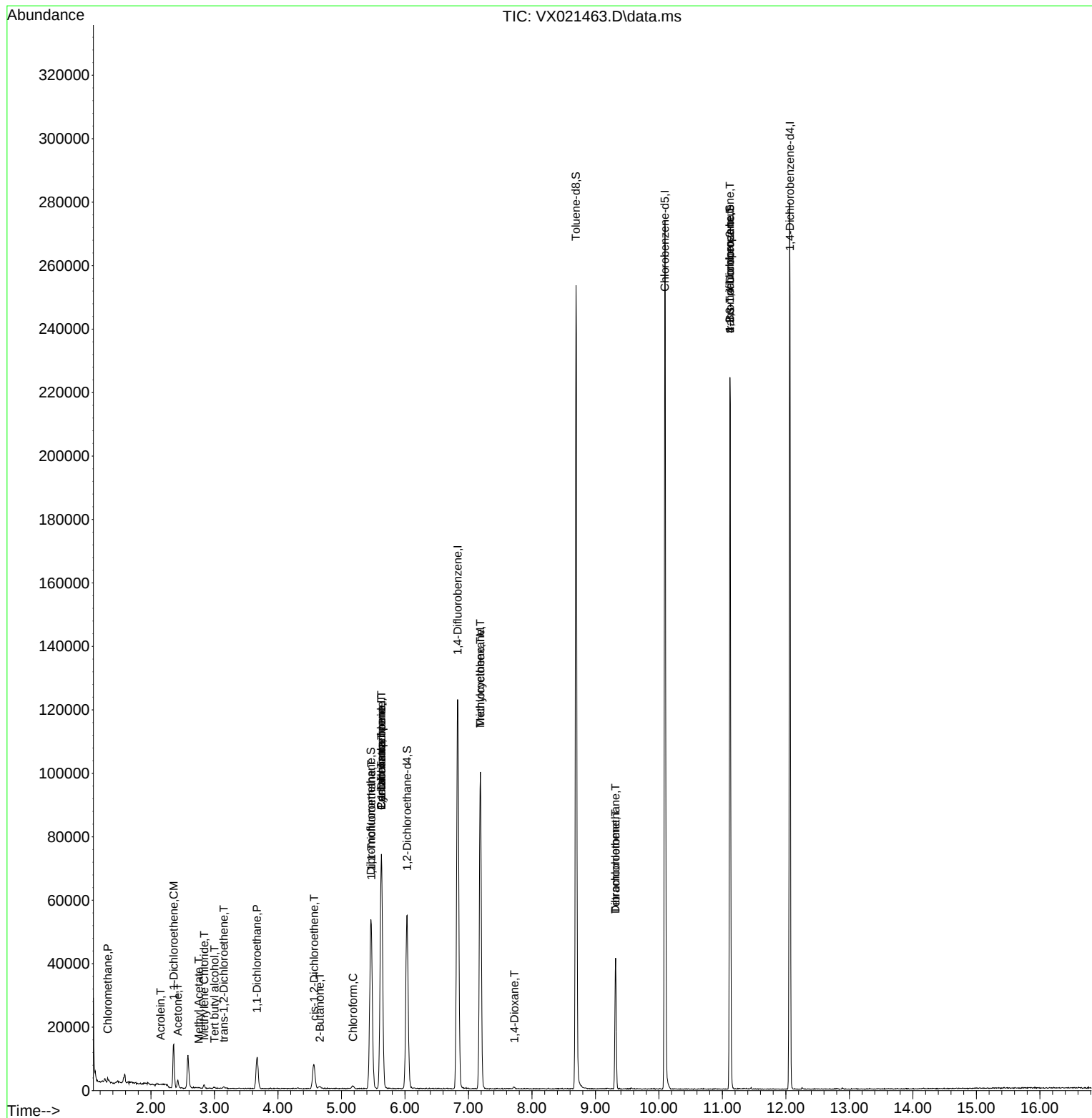
Internal Standards						
1) Pentafluorobenzene	5.629	168	62580	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.829	114	114996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	116247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	50564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	54083	51.94	ug/l	0.00
Spiked Amount 50.000	Range 78	- 117	Recovery	=	103.88%	
35) Dibromofluoromethane	5.464	113	41134	50.36	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	100.72%	
50) Toluene-d8	8.694	98	145753	50.07	ug/l	0.00
Spiked Amount 50.000	Range 92	- 112	Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.118	95	58453	51.65	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	103.30%	
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1885	2.42	ug/l	97
11) Tert butyl alcohol	2.999	59	327	1.90	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	4267	6.77	ug/l	86
13) Acrolein	2.152	56	18	4.50	ug/l #	30
16) Acetone	2.423	43	2491	6.33	ug/l #	85
18) Methyl Acetate	2.752	43	285	0.25	ug/l #	47
20) Methylene Chloride	2.840	84	398	0.52	ug/l #	96
21) trans-1,2-Dichloroethene	3.146	96	204	0.29	ug/l #	79
24) 1,1-Dichloroethane	3.670	63	11172	8.33	ug/l	98
25) 2-Butanone	4.658	43	173	0.29	ug/l #	45
27) cis-1,2-Dichloroethene	4.570	96	4453	5.54	ug/l	98
30) Chloroform	5.182	83	980	0.69	ug/l	90
31) Cyclohexane	5.629	56	1749	1.53	ug/l #	42
32) 1,1,1-Trichloroethane	5.470	97	3678	2.93	ug/l #	93
36) 1,1-Dichloropropene	5.629	75	5718	5.07	ug/l #	48
38) Carbon Tetrachloride	5.629	117	6889	5.69	ug/l #	17
39) Methylcyclohexane	7.188	83	479	0.38	ug/l #	1
44) Trichloroethene	7.188	130	34921	41.36	ug/l	92
49) 1,4-Dioxane	7.723	88	404	20.00	ug/l #	81
60) Dibromochloromethane	9.318	129	7172	7.68	ug/l #	11
64) Tetrachloroethene	9.318	164	7046	9.05	ug/l	90
76) 1,2,3-Trichloropropane	11.118	75	33048	28.07	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	33048	85.52	ug/l #	12

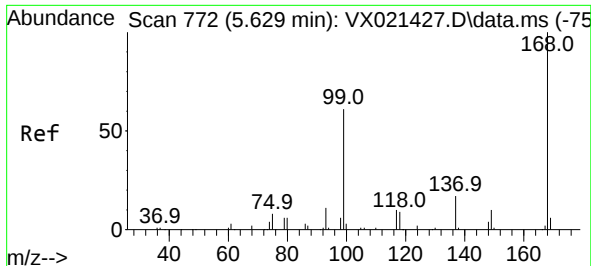
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 25 Mar 2021 02:59
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

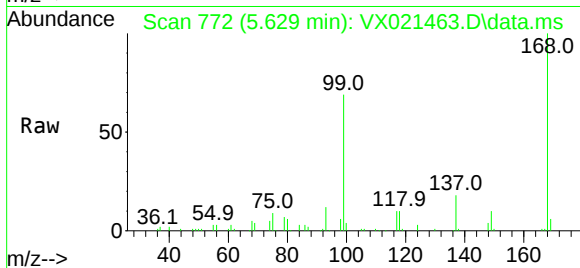
Quant Time: Mar 25 06:55:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration



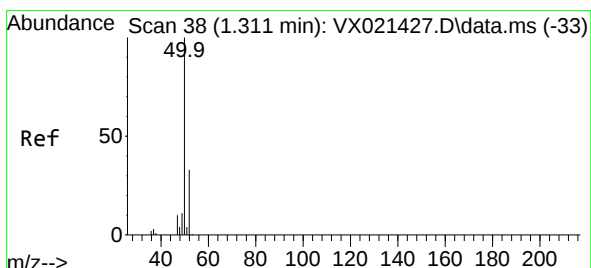
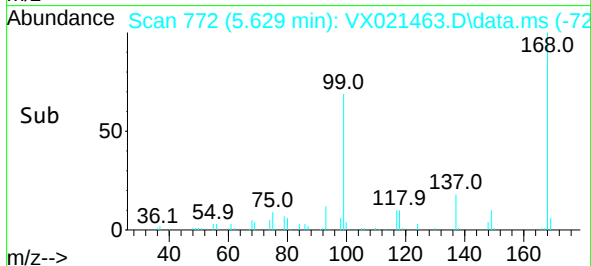
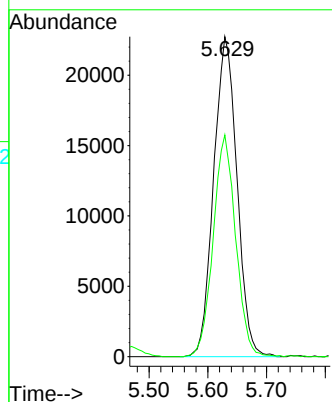


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

Instrument :
MSVOA_X
ClientSampled :

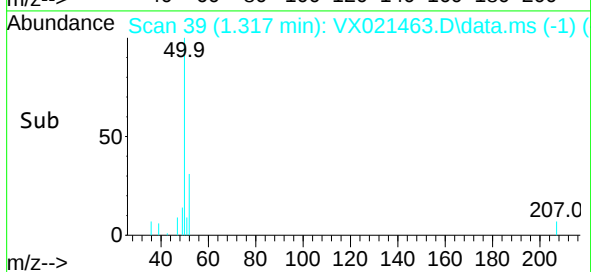
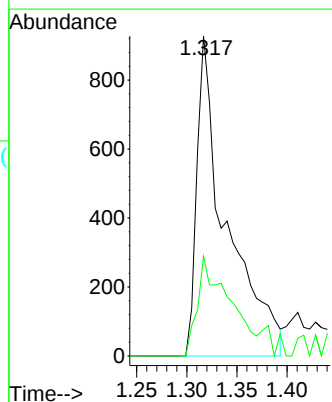
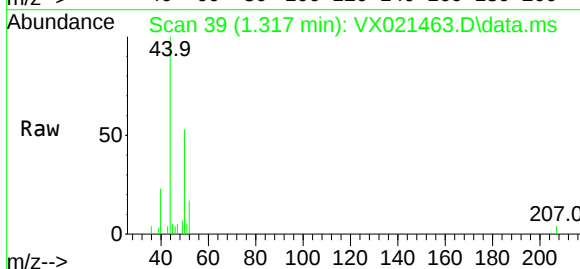


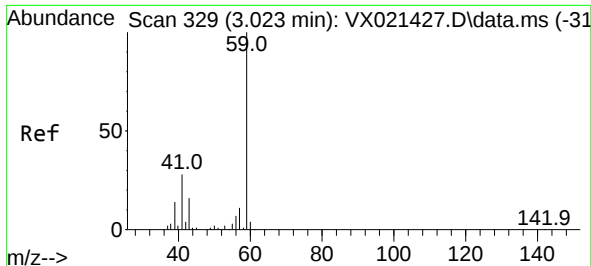
Tgt Ion:168 Resp: 62580
Ion Ratio Lower Upper
168 100
99 69.3 45.8 68.6#



#3
Chloromethane
Concen: 2.42 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

Tgt Ion: 50 Resp: 1885
Ion Ratio Lower Upper
50 100
52 31.1 26.4 39.6

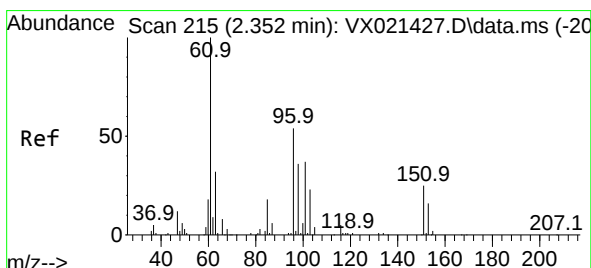
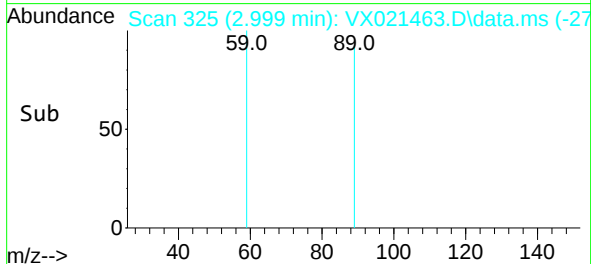
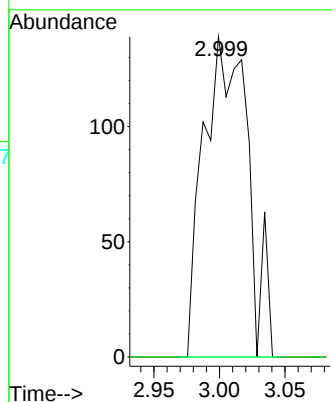
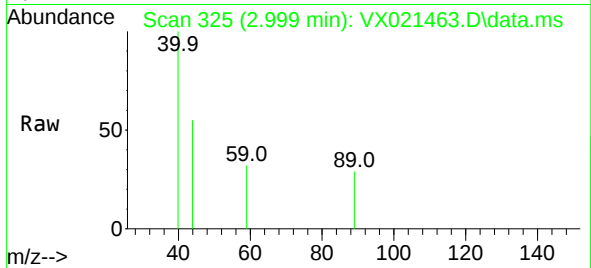




#11
Tert butyl alcohol
Concen: 1.90 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.024 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

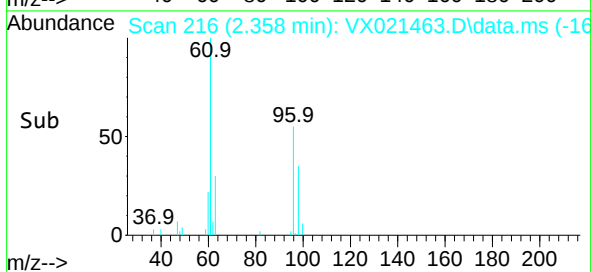
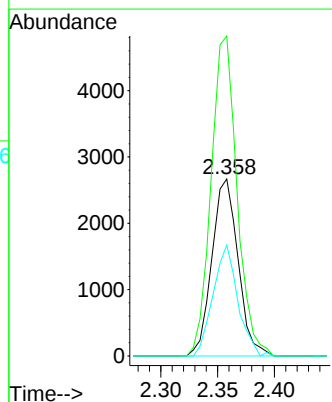
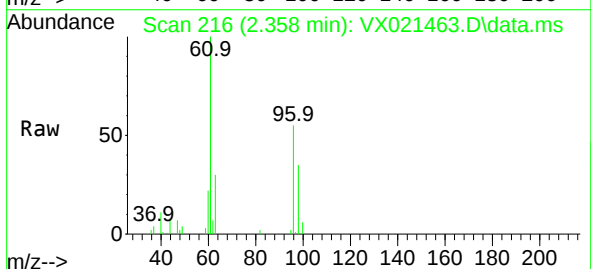
Instrument :
MSVOA_X
ClientSampled :

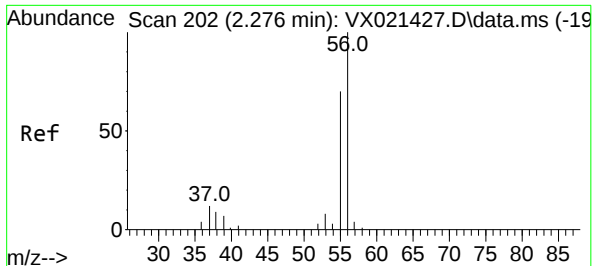
Tgt Ion: 59 Resp: 327
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 6.77 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

Tgt Ion: 96 Resp: 4267
Ion Ratio Lower Upper
96 100
61 180.9 124.6 187.0
98 62.7 50.6 76.0

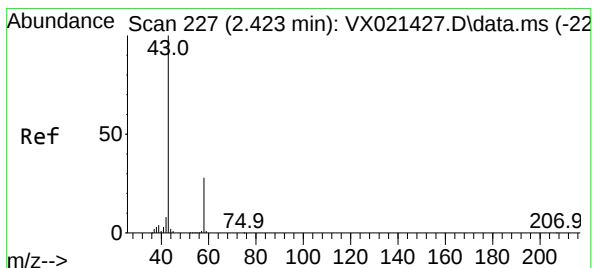
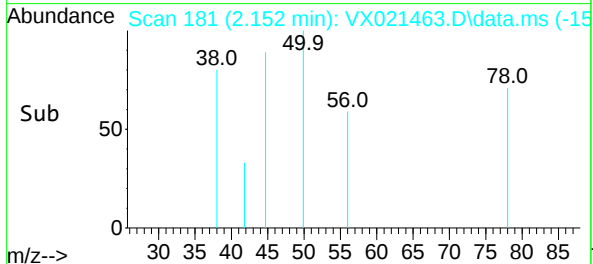
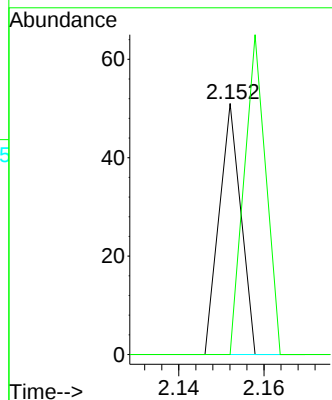
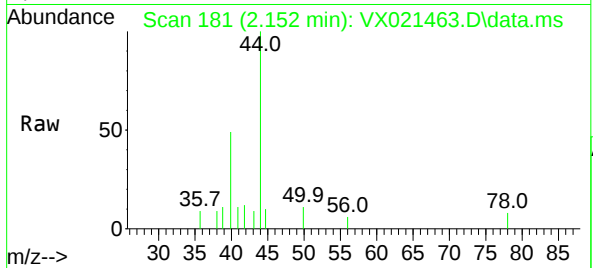




#13
Acrolein
Concen: 4.50 ug/l
RT: 2.152 min Scan# 181
Delta R.T. -0.124 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

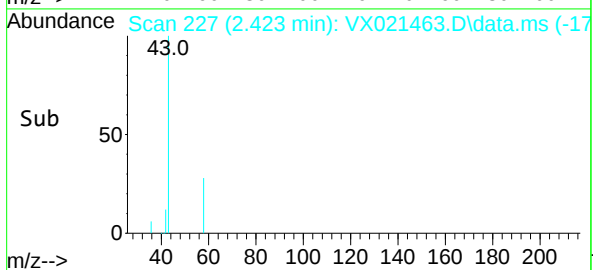
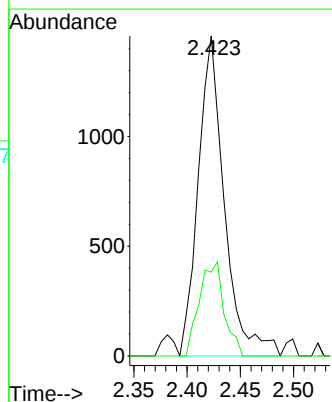
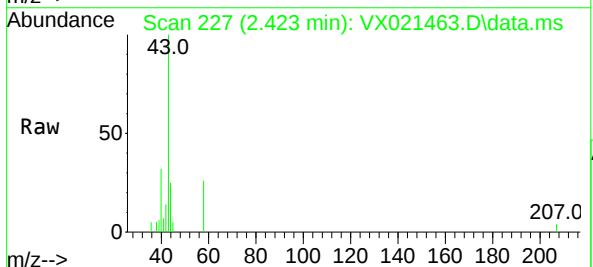
Instrument :
MSVOA_X
ClientSampled :

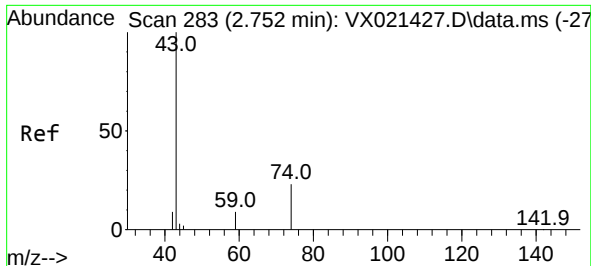
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 127.8 56.4 84.6#



#16
Acetone
Concen: 6.33 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

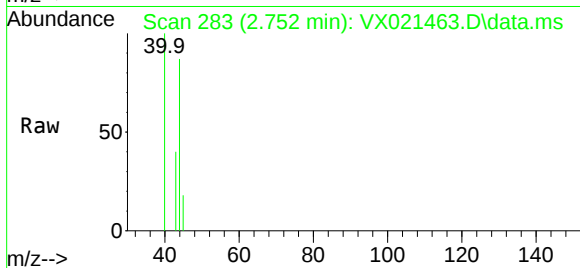
Tgt Ion: 43 Resp: 2491
Ion Ratio Lower Upper
43 100
58 26.2 27.8 41.8#



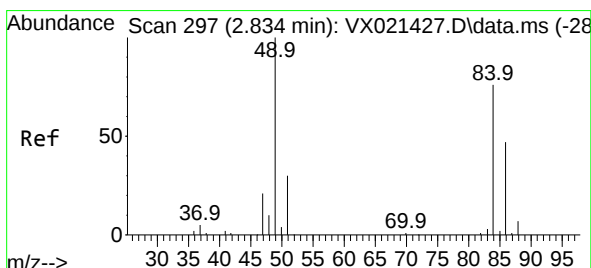
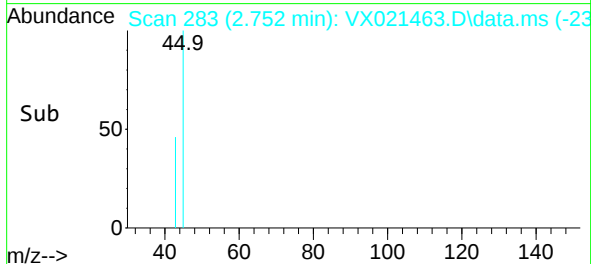
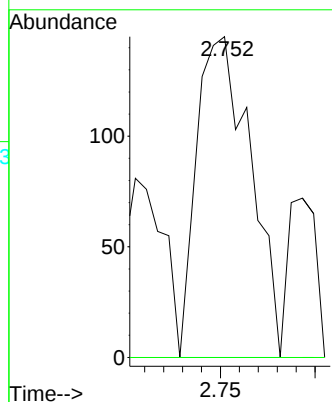


#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

Instrument :
MSVOA_X
ClientSampled :

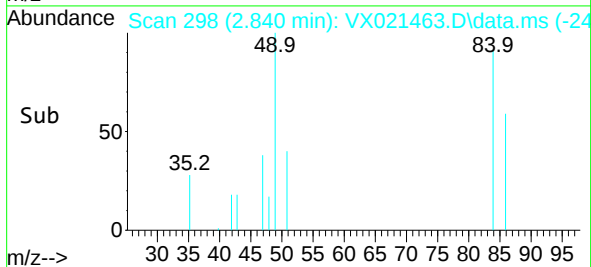
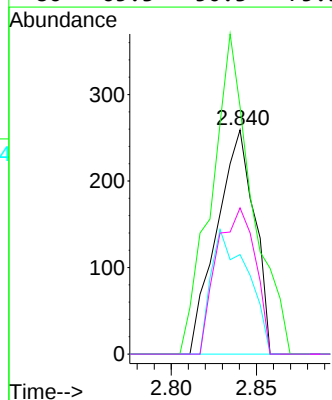
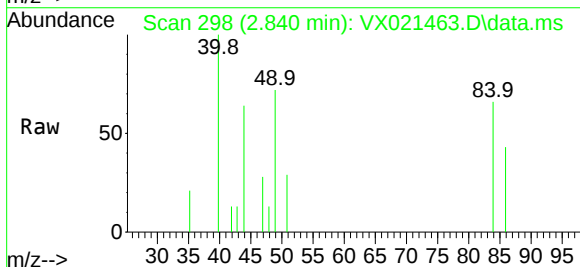


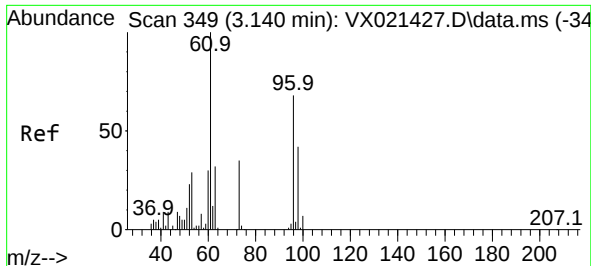
Tgt Ion: 43 Resp: 285
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.52 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

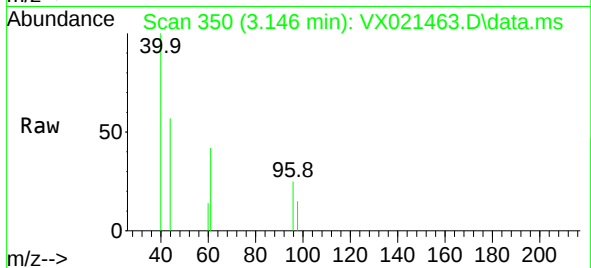
Tgt Ion: 84 Resp: 398
Ion Ratio Lower Upper
84 100
49 110.4 88.6 132.8
51 44.4 27.0 40.6#
86 65.3 50.3 75.5



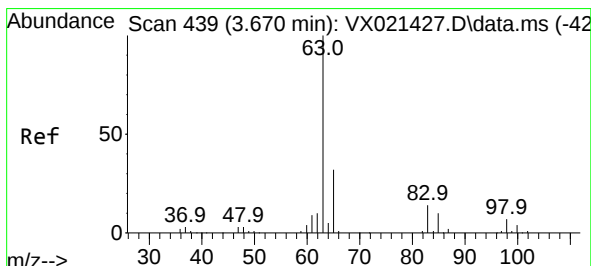
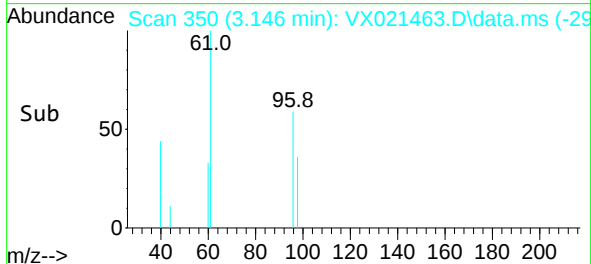
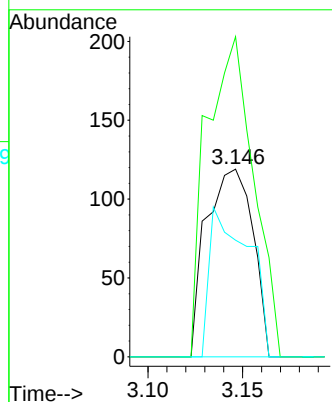


#21
trans-1,2-Dichloroethene
Concen: 0.29 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.006 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

Instrument :
MSVOA_X
ClientSampled :

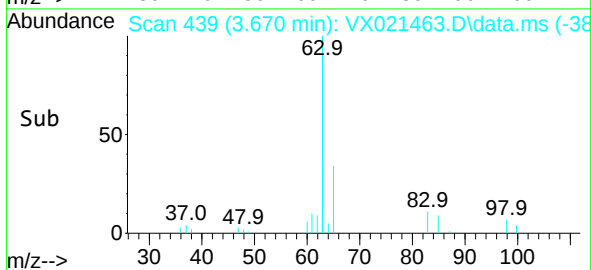
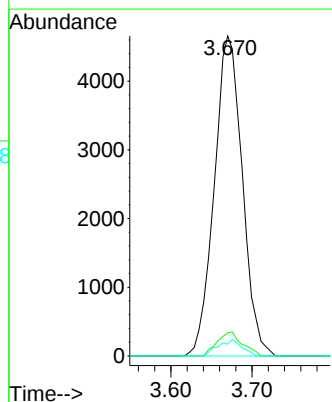
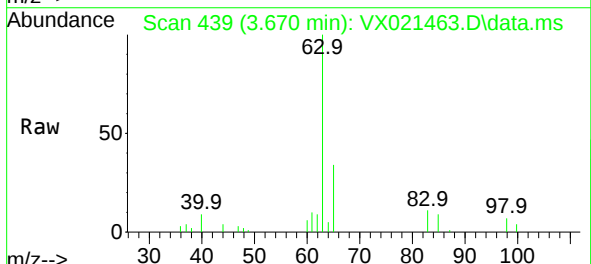


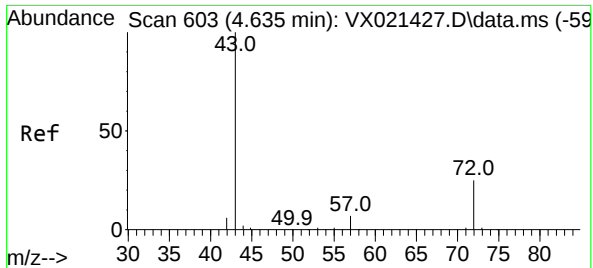
Tgt Ion: 96 Resp: 204
Ion Ratio Lower Upper
96 100
61 170.6 107.7 161.5#
98 62.2 50.4 75.6



#24
1,1-Dichloroethane
Concen: 8.33 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

Tgt Ion: 63 Resp: 11172
Ion Ratio Lower Upper
63 100
98 7.2 3.8 11.2
100 3.6 2.5 7.5

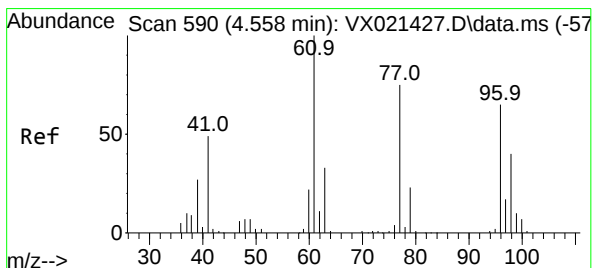
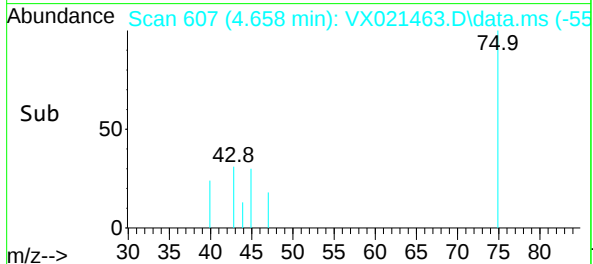
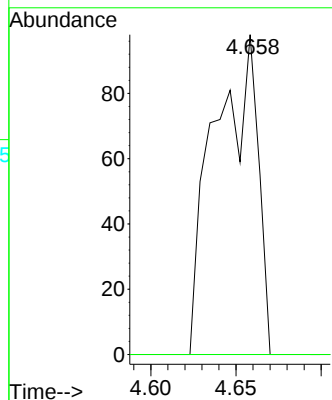
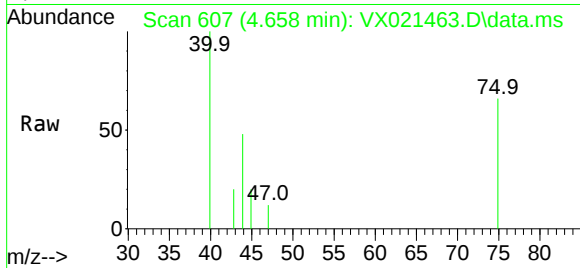




#25
2-Butanone
Concen: 0.29 ug/l
RT: 4.658 min Scan# 607
Delta R.T. 0.023 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

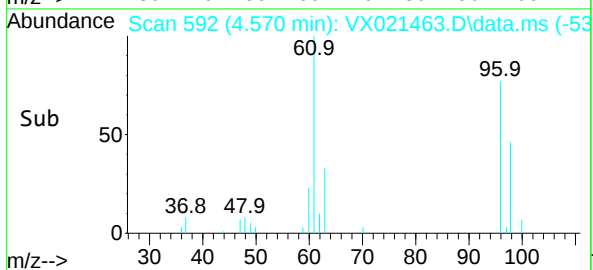
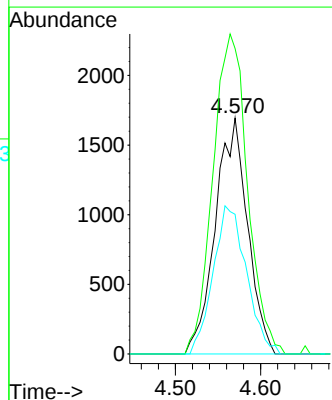
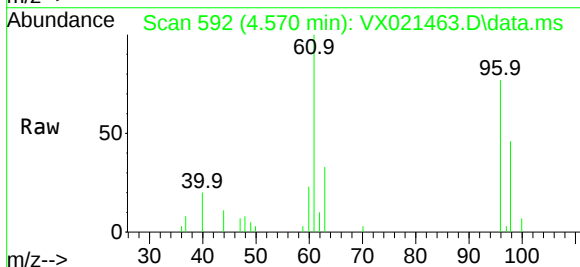
Instrument :
MSVOA_X
ClientSampled :

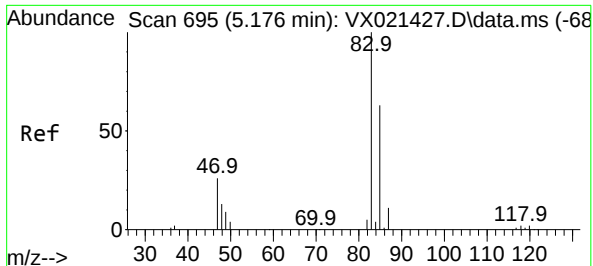
Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 5.54 ug/l
RT: 4.570 min Scan# 592
Delta R.T. 0.012 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

Tgt Ion: 96 Resp: 4453
Ion Ratio Lower Upper
96 100
61 145.7 0.0 285.6
98 64.9 0.0 129.6





#30

Chloroform

Concen: 0.69 ug/l

RT: 5.182 min Scan# 696

Delta R.T. 0.006 min

Lab File: VX021463.D

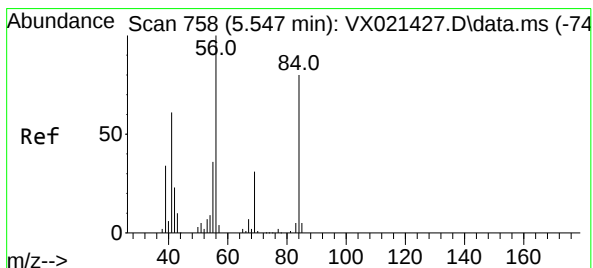
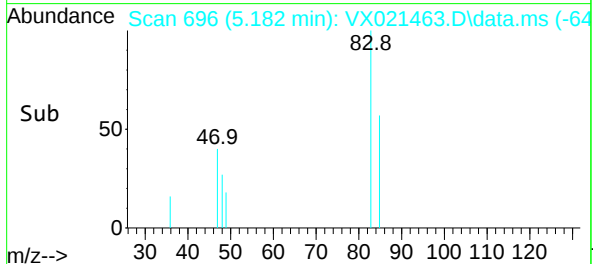
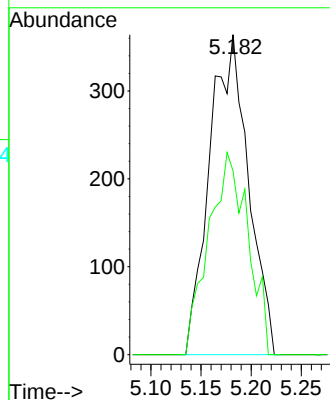
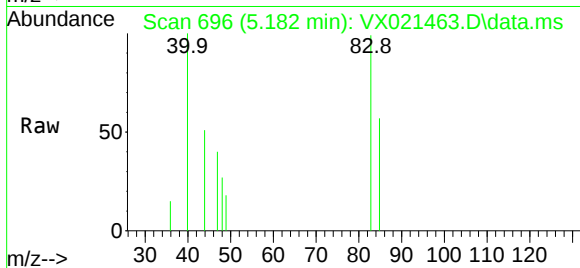
Acq: 25 Mar 2021 02:59

Tgt Ion: 83 Resp: 980

Ion Ratio Lower Upper

83 100

85 57.4 52.0 78.0



#31

Cyclohexane

Concen: 1.53 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.082 min

Lab File: VX021463.D

Acq: 25 Mar 2021 02:59

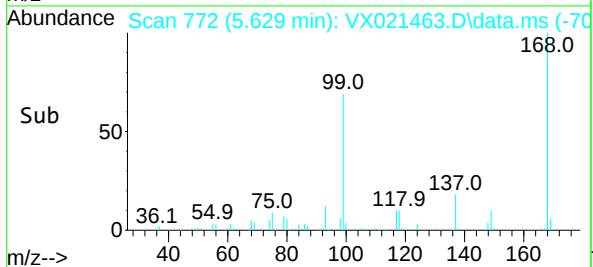
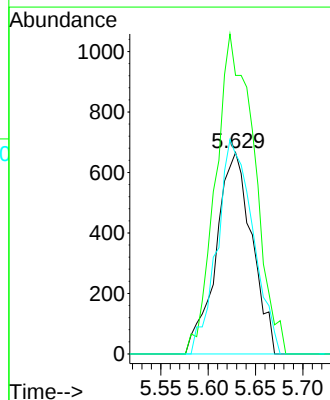
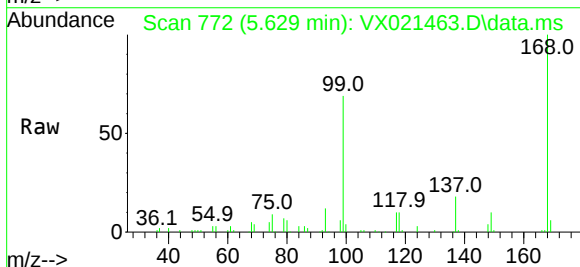
Tgt Ion: 56 Resp: 1749

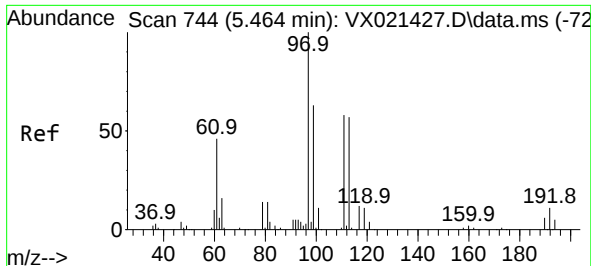
Ion Ratio Lower Upper

56 100

69 138.3 25.3 37.9#

84 99.2 71.4 107.0

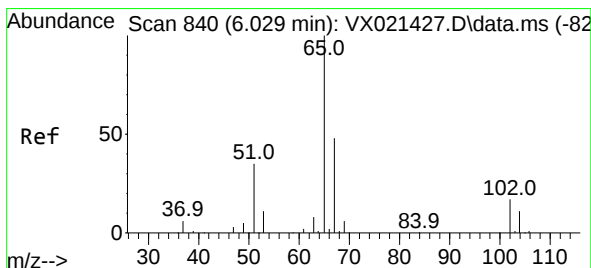
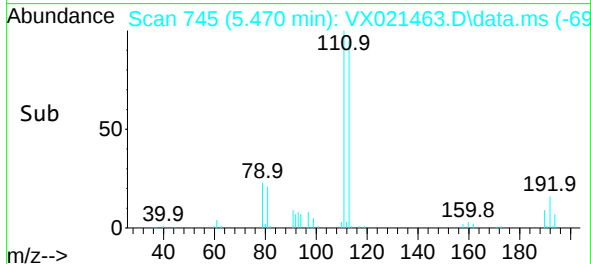
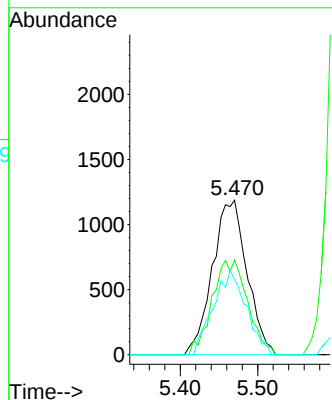
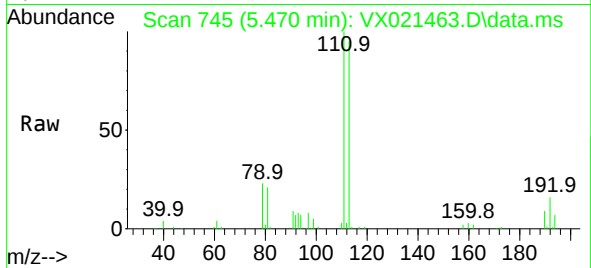




#32
1,1,1-Trichloroethane
Concen: 2.93 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

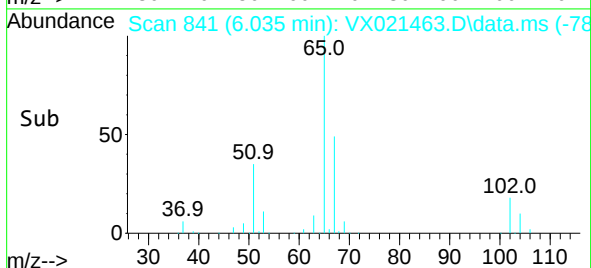
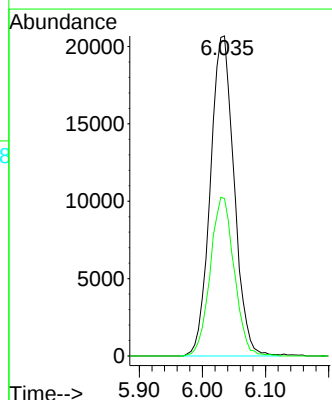
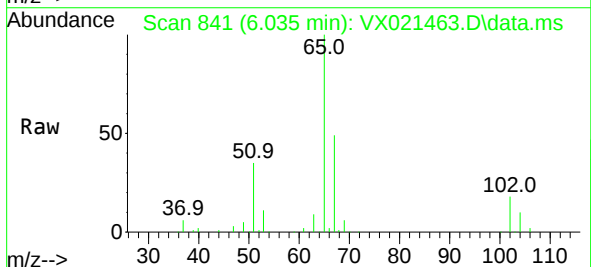
Instrument :
MSVOA_X
ClientSampled :

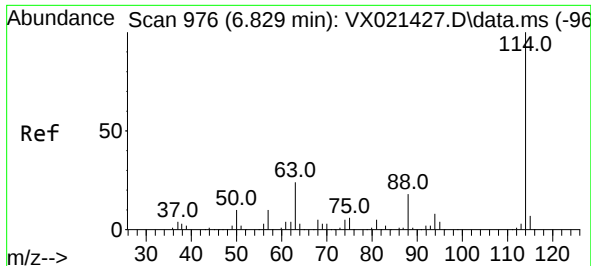
Tgt Ion: 97 Resp: 3678
Ion Ratio Lower Upper
97 100
99 62.6 51.5 77.3
61 52.4 34.2 51.4#



#33
1,2-Dichloroethane-d4
Concen: 51.94 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

Tgt Ion: 65 Resp: 54083
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

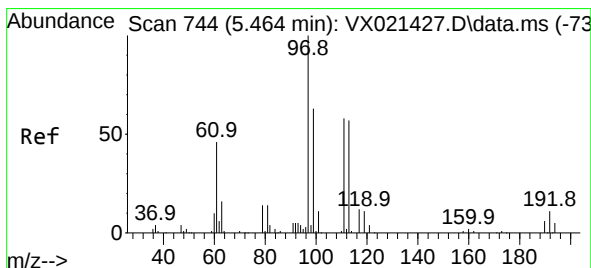
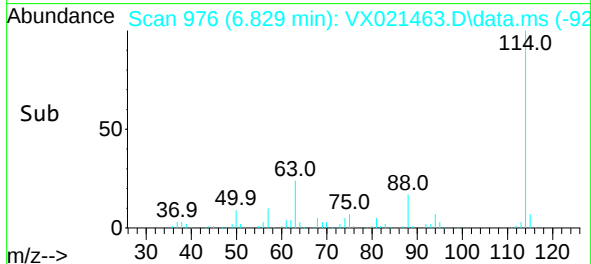
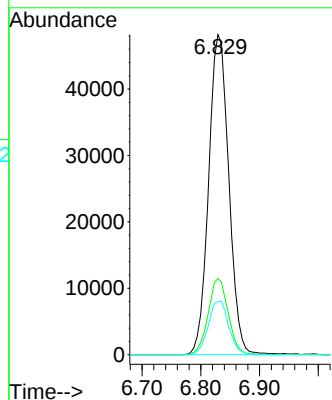
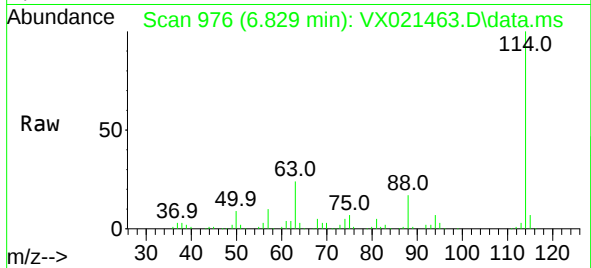




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

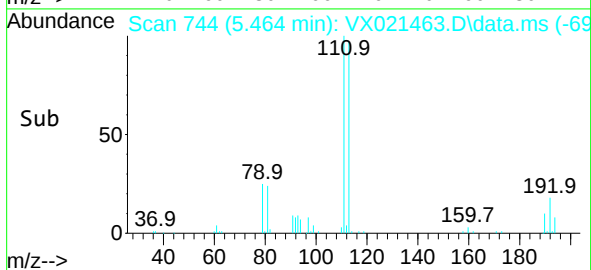
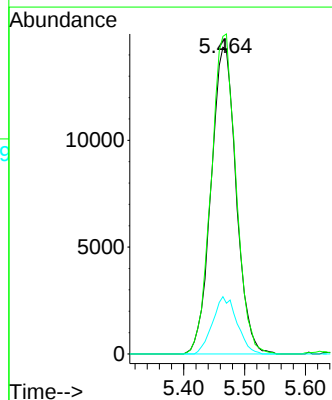
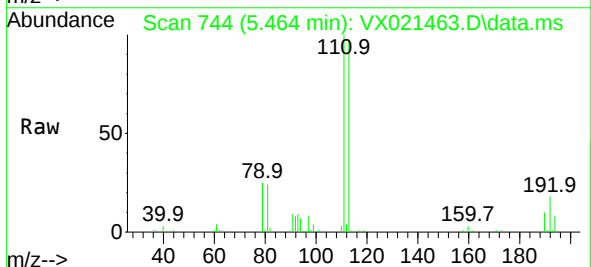
Instrument :
MSVOA_X
ClientSampled :

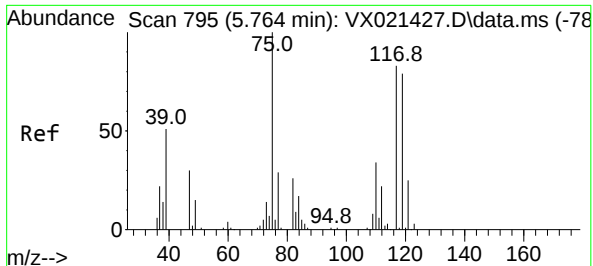
Tgt Ion:114 Resp: 114996
Ion Ratio Lower Upper
114 100
63 23.8 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.36 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

Tgt Ion:113 Resp: 41134
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 18.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.07 ug/l

RT: 5.629 min Scan# 772

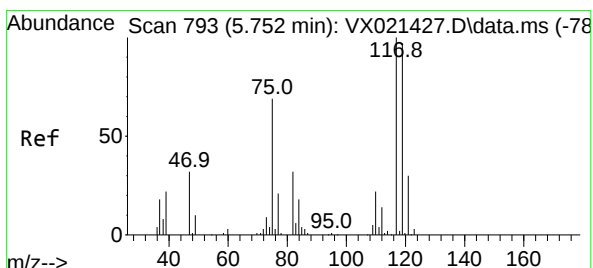
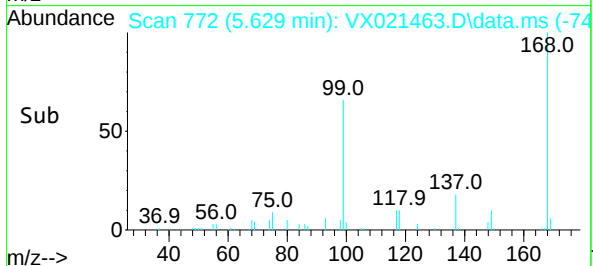
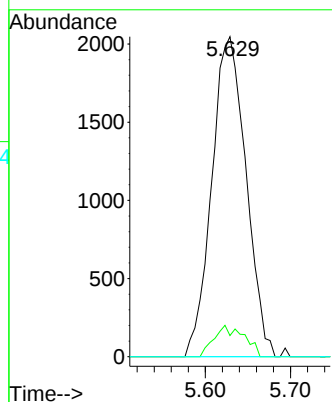
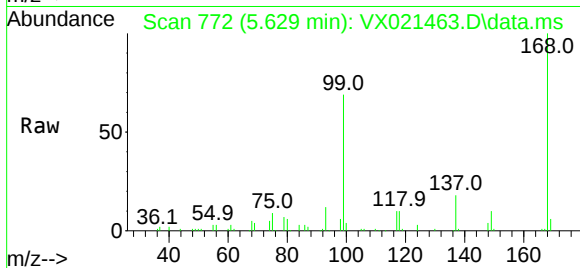
Delta R.T. -0.135 min

Lab File: VX021463.D

Acq: 25 Mar 2021 02:59

Tgt Ion:	75	Resp:	5718
Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.69 ug/l

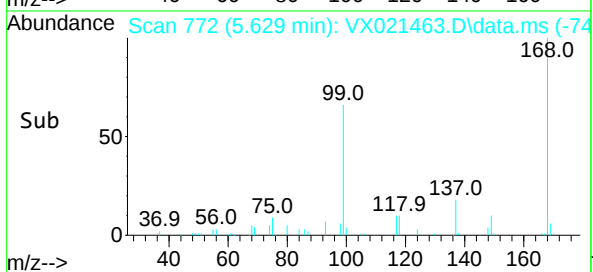
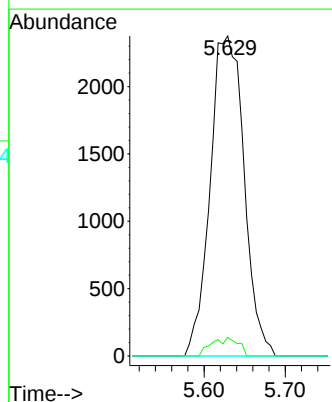
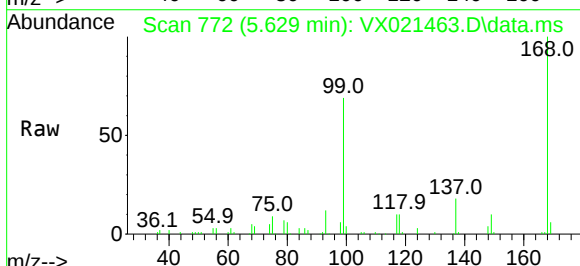
RT: 5.629 min Scan# 772

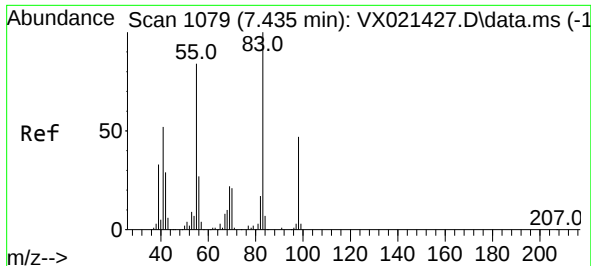
Delta R.T. -0.123 min

Lab File: VX021463.D

Acq: 25 Mar 2021 02:59

Tgt Ion:	117	Resp:	6889
Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.38 ug/l

RT: 7.188 min Scan# 1037

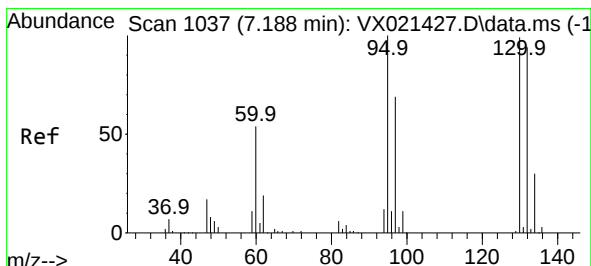
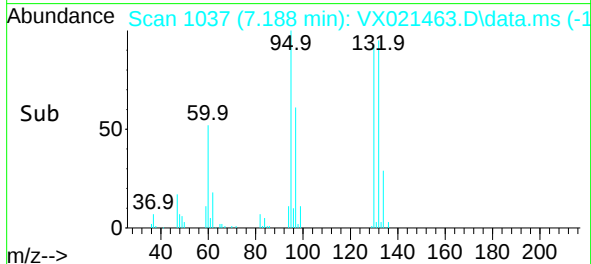
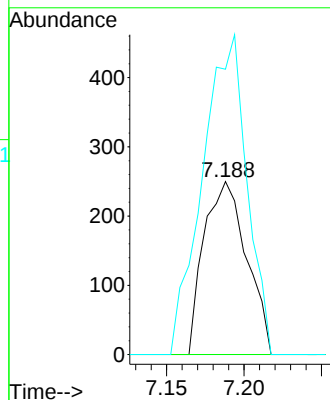
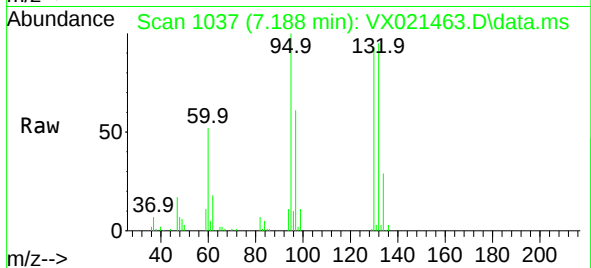
Delta R.T. -0.247 min

Lab File: VX021463.D

Acq: 25 Mar 2021 02:59

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	83	Resp:	479
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	164.8	38.1	57.1#



#44

Trichloroethene

Concen: 41.36 ug/l

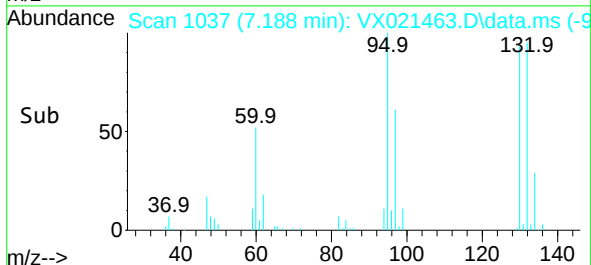
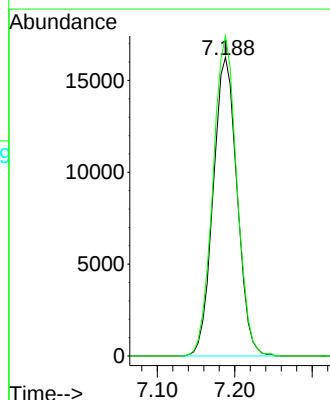
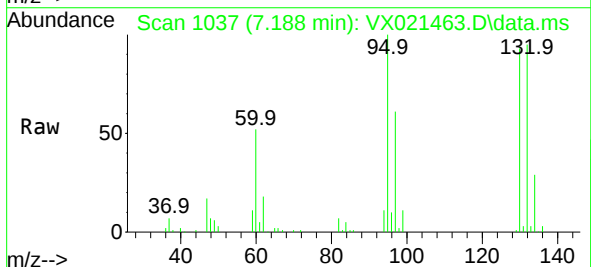
RT: 7.188 min Scan# 1037

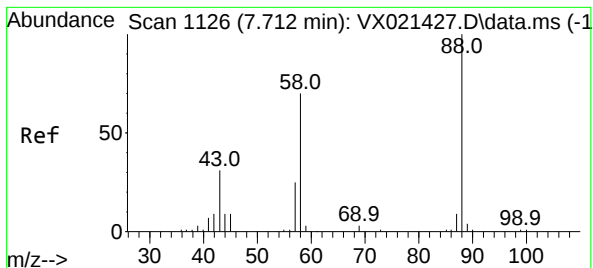
Delta R.T. -0.000 min

Lab File: VX021463.D

Acq: 25 Mar 2021 02:59

Tgt Ion:	130	Resp:	34921
Ion	Ratio	Lower	Upper
130	100		
95	107.1	0.0	198.0

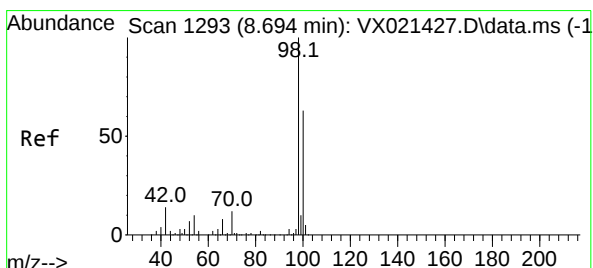
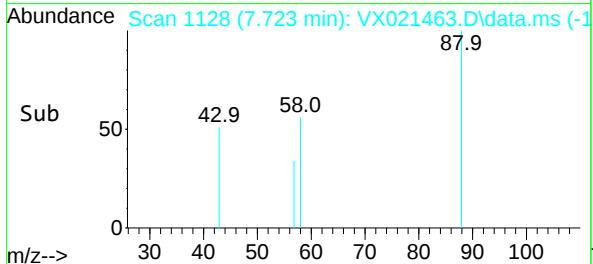
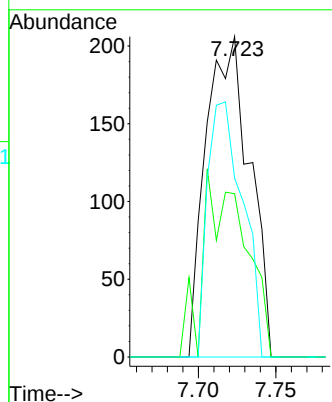
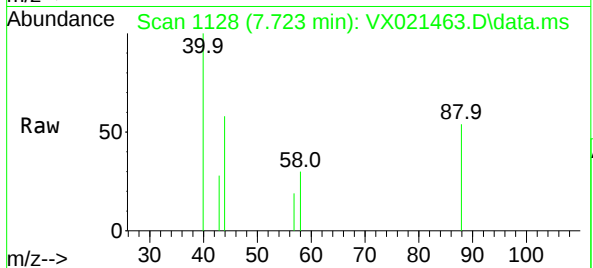




#49
1,4-Dioxane
Concen: 20.00 ug/l
RT: 7.723 min Scan# 1128
Delta R.T. 0.011 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

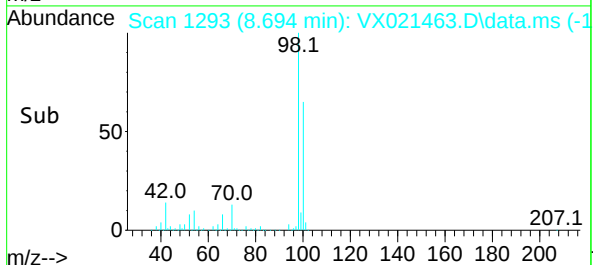
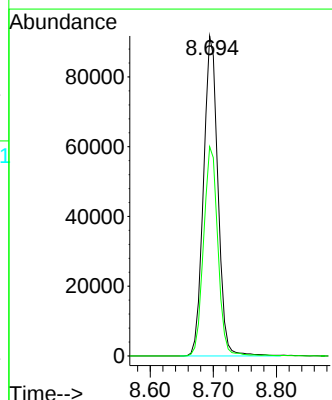
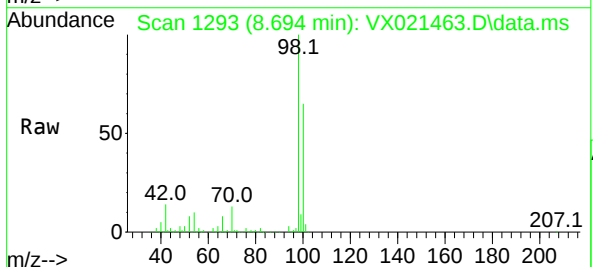
Instrument :
MSVOA_X
ClientSampled :

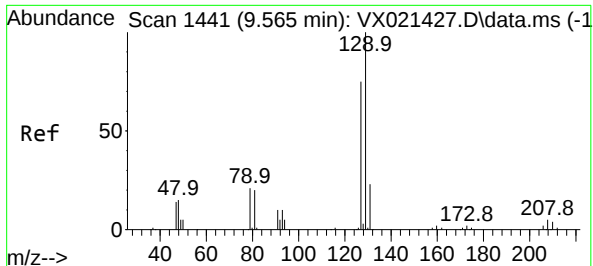
Tgt Ion: 88 Resp: 404
Ion Ratio Lower Upper
88 100
43 56.2 23.2 34.8#
58 64.1 55.0 82.4



#50
Toluene-d8
Concen: 50.07 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

Tgt Ion: 98 Resp: 145753
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

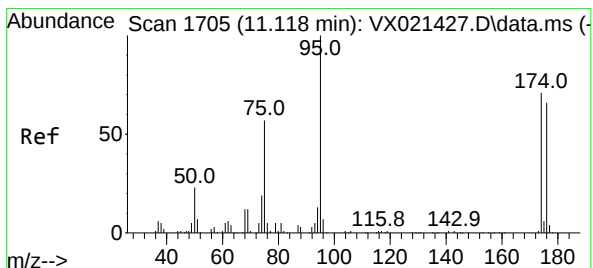
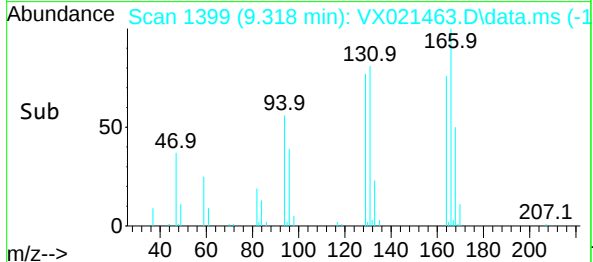
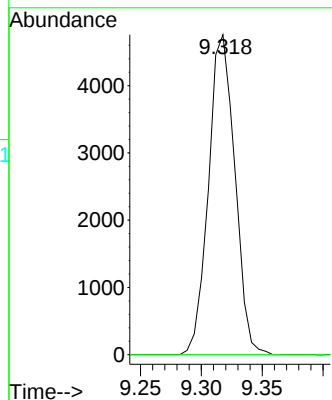
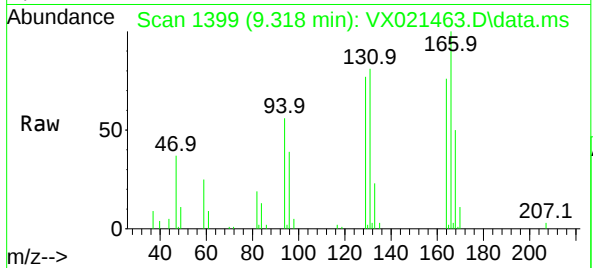




#60
Dibromochloromethane
Concen: 7.68 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

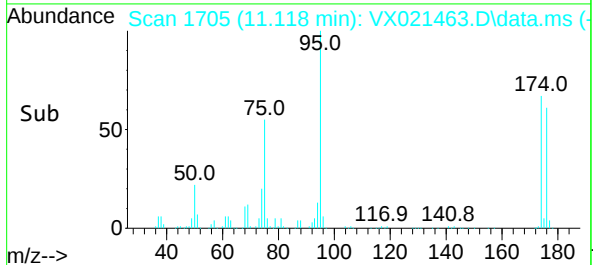
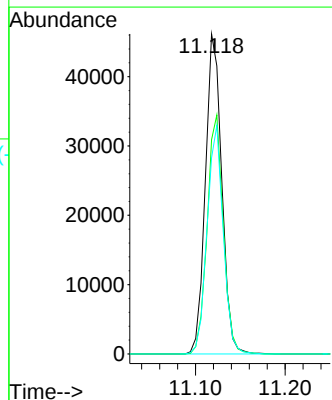
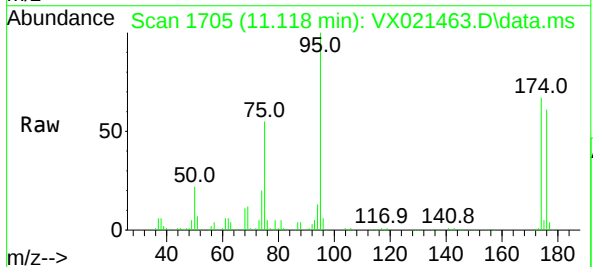
Instrument :
MSVOA_X
ClientSampled :

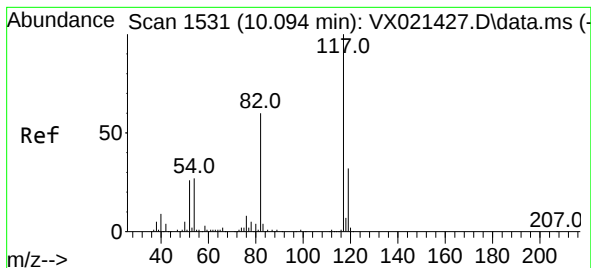
Tgt Ion:129 Resp: 7172
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 51.65 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

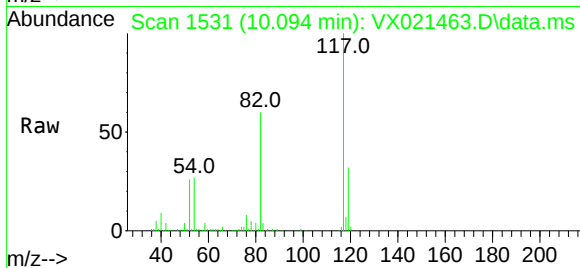
Tgt Ion: 95 Resp: 58453
Ion Ratio Lower Upper
95 100
174 73.7 0.0 154.6
176 70.3 0.0 155.8



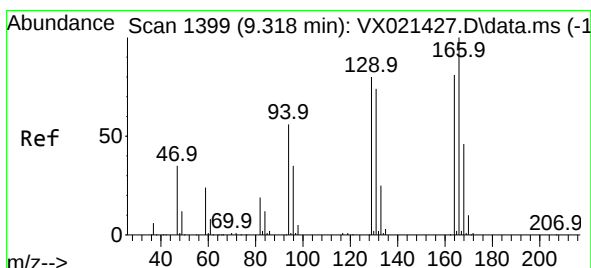
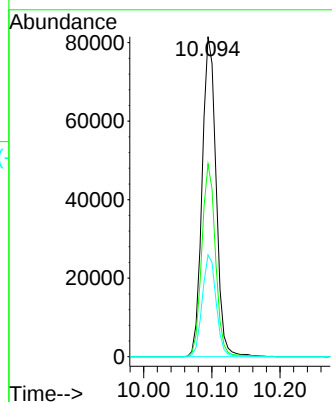
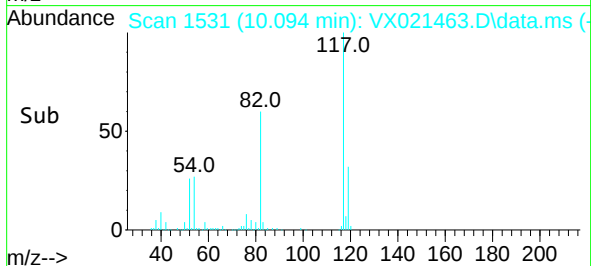


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59

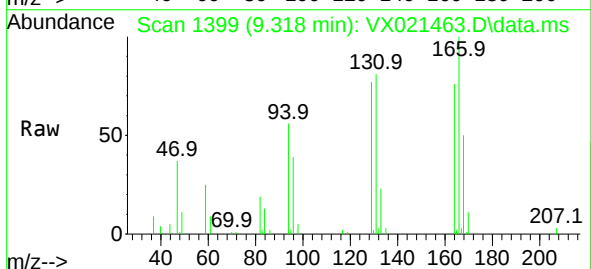
Instrument :
MSVOA_X
ClientSampled :



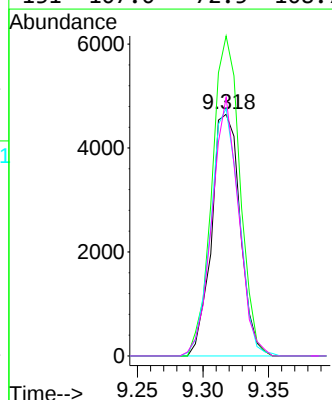
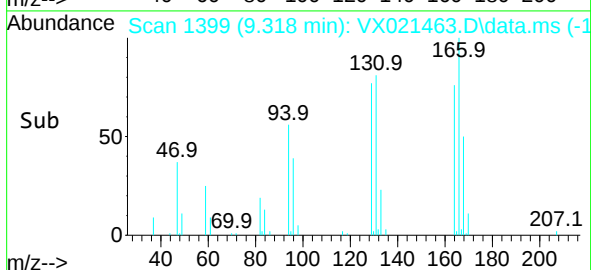
Tgt Ion:117 Resp: 116247
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 31.8 26.6 39.8

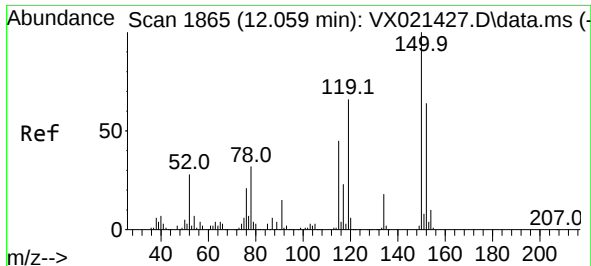


#64
Tetrachloroethene
Concen: 9.05 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021463.D
Acq: 25 Mar 2021 02:59



Tgt Ion:164 Resp: 7046
Ion Ratio Lower Upper
164 100
166 132.4 103.4 155.2
129 102.4 70.8 106.2
131 107.0 72.5 108.7

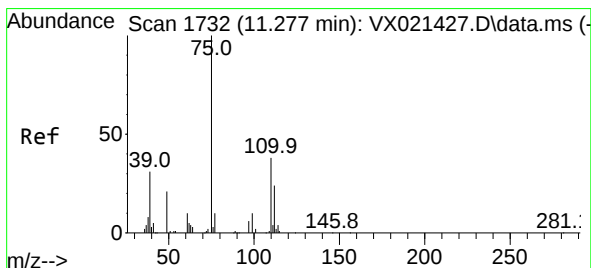
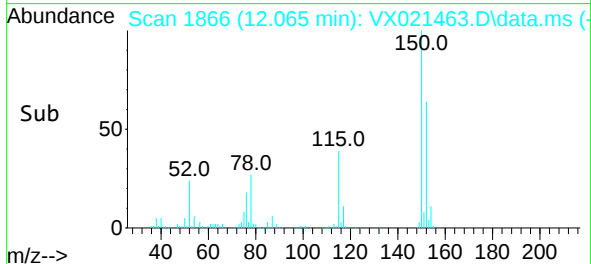
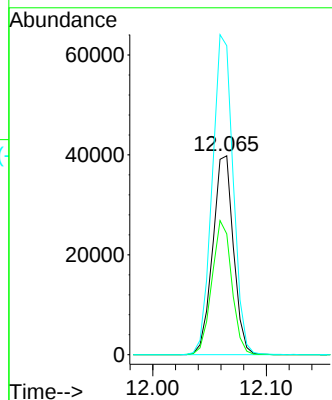
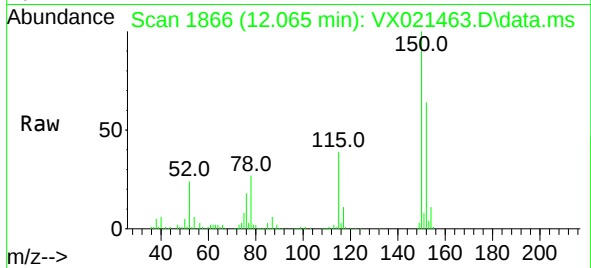




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.065 min Scan# 1866
 Delta R.T. 0.006 min
 Lab File: VX021463.D
 Acq: 25 Mar 2021 02:59

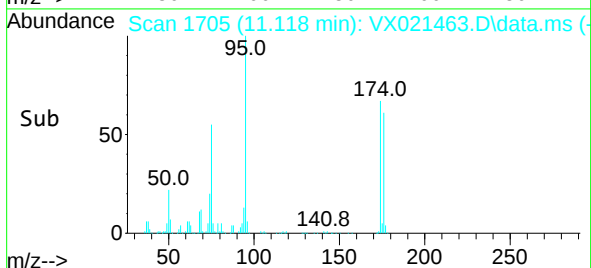
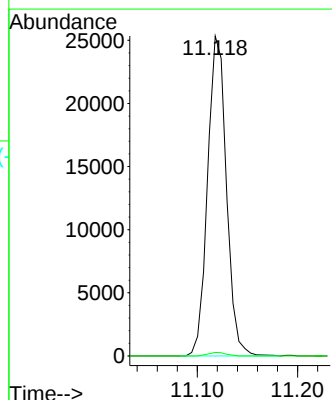
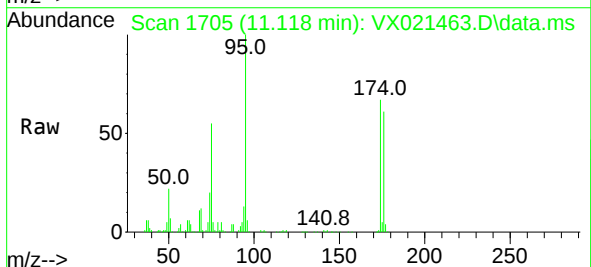
Instrument :
 MSVOA_X
 ClientSampleId :

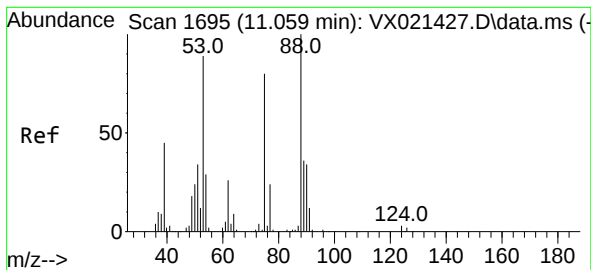
Tgt Ion:152 Resp: 50564
 Ion Ratio Lower Upper
 152 100
 115 64.5 41.1 123.3
 150 162.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.07 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021463.D
 Acq: 25 Mar 2021 02:59

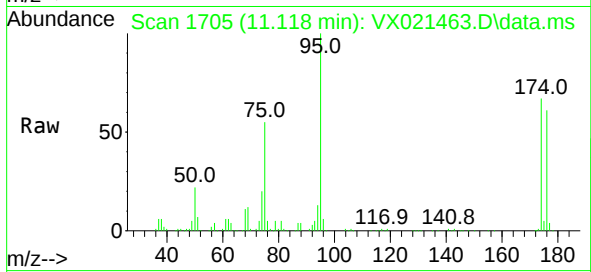
Tgt Ion: 75 Resp: 33048
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.52 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021463.D
 Acq: 25 Mar 2021 02:59

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 33048
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

