

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021635.D
 Acq On : 30 Mar 2021 17:16
 Operator : JC/MD
 Sample : M1843-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20210325

Quant Time: Mar 31 05:00:18 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	59552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49114	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51836	52.31	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.62%	
35) Dibromofluoromethane	5.464	113	39562	50.73	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.46%	
50) Toluene-d8	8.694	98	139720	50.27	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.54%	
62) 4-Bromofluorobenzene	11.118	95	55074	50.97	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.94%	

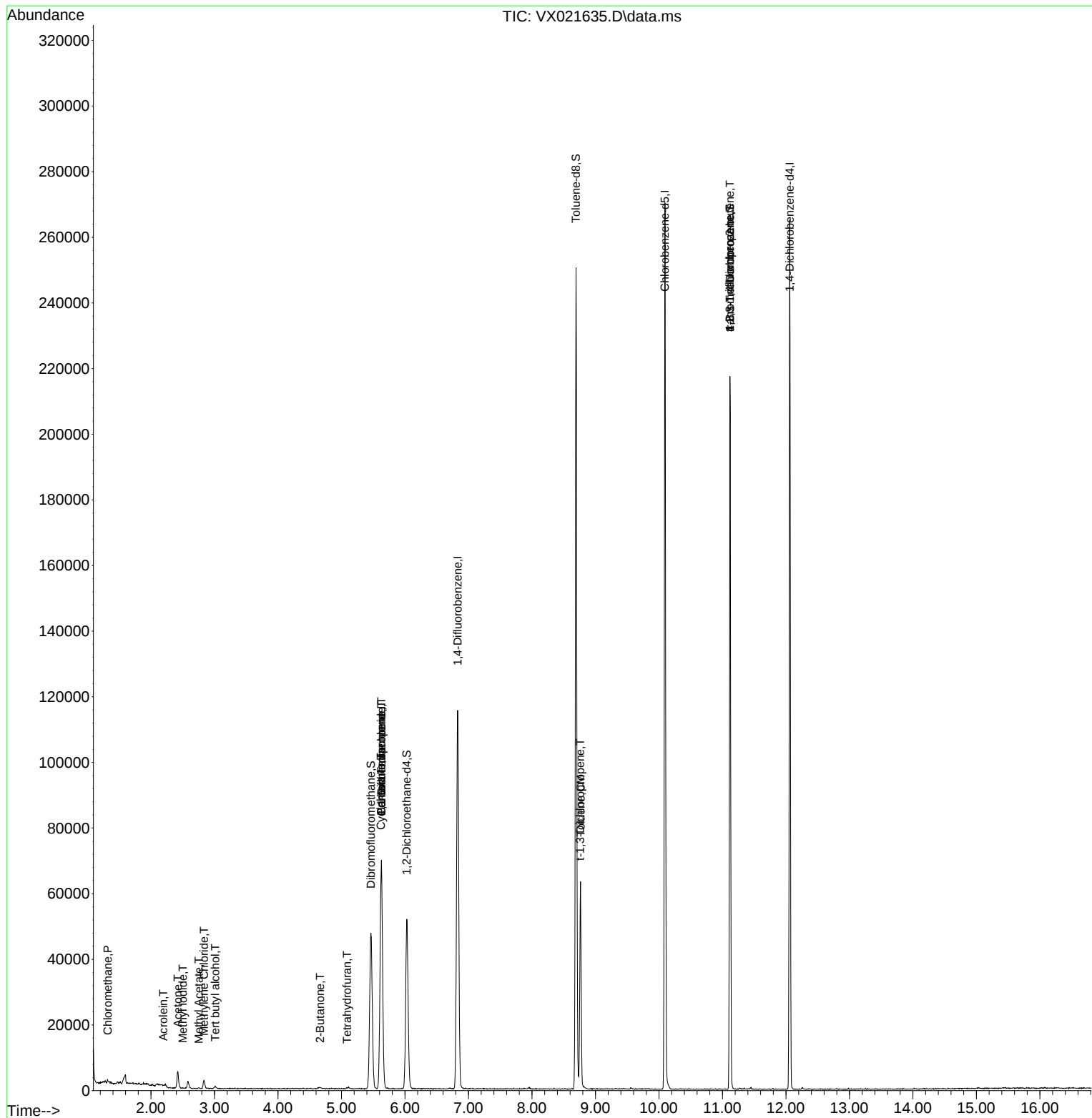
Target Compounds					Qvalue	
3) Chloromethane	1.316	50	1569	2.13	ug/l	99
10) Methyl Iodide	2.499	142	50	6.73	ug/l #	42
11) Tert butyl alcohol	3.011	59	595	3.63	ug/l #	73
13) Acrolein	2.193	56	19	4.52	ug/l #	71
16) Acetone	2.422	43	5493	14.66	ug/l #	87
18) Methyl Acetate	2.752	43	231	0.21	ug/l #	47
20) Methylene Chloride	2.834	84	1048	1.43	ug/l	91
25) 2-Butanone	4.664	43	355	0.63	ug/l #	45
29) Tetrahydrofuran	5.087	42	146	0.40	ug/l #	27
31) Cyclohexane	5.623	56	1584	1.45	ug/l #	23
36) 1,1-Dichloropropene	5.629	75	5303	4.93	ug/l #	49
38) Carbon Tetrachloride	5.629	117	6641	5.74	ug/l #	16
52) Toluene	8.764	92	21416	11.35	ug/l	99
53) t-1,3-Dichloropropene	8.758	75	293	0.24	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	30661	26.82	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	30661	81.68	ug/l #	12

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

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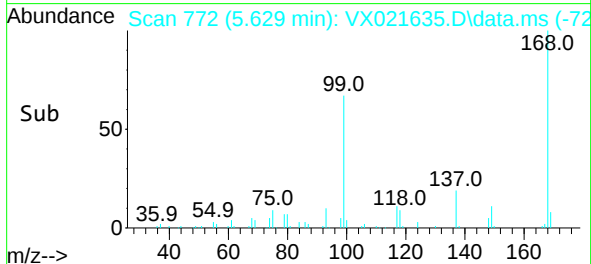
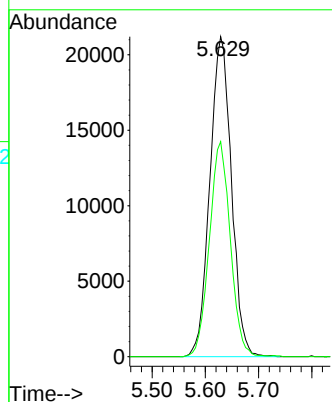
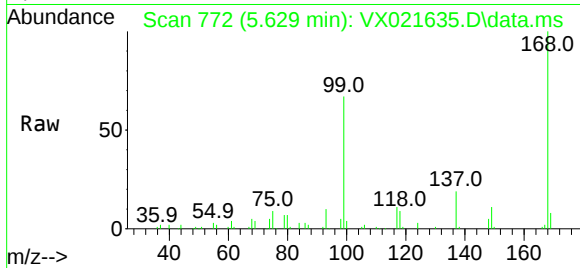




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

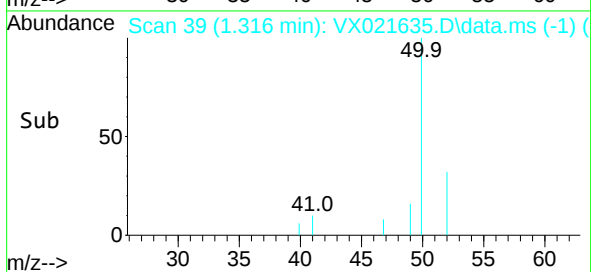
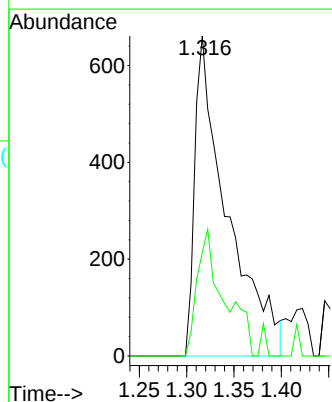
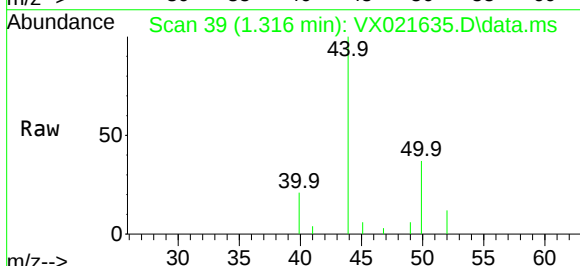
Instrument :
MSVOA_X
ClientSampleId :
EB02-20210325

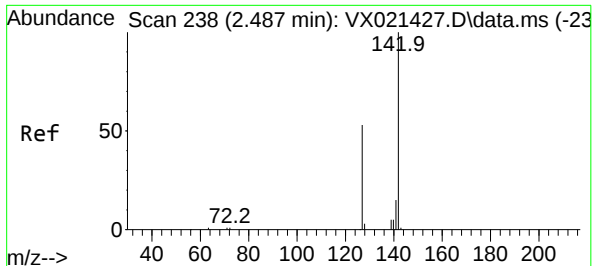
Tgt Ion:168 Resp: 59552
Ion Ratio Lower Upper
168 100
99 67.2 45.8 68.6



#3
Chloromethane
Concen: 2.13 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

Tgt Ion: 50 Resp: 1569
Ion Ratio Lower Upper
50 100
52 32.2 26.4 39.6





#10

Methyl Iodide

Concen: 6.73 ug/l

RT: 2.499 min Scan# 240

Delta R.T. 0.012 min

Lab File: VX021635.D

Acq: 30 Mar 2021 17:16

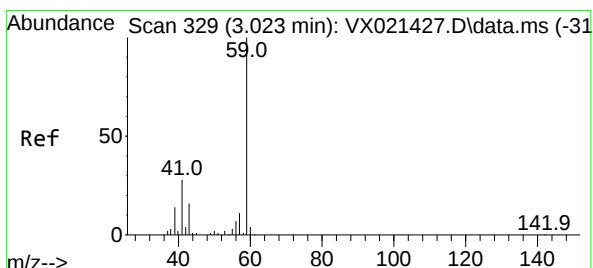
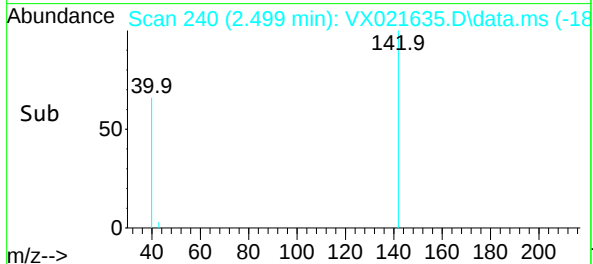
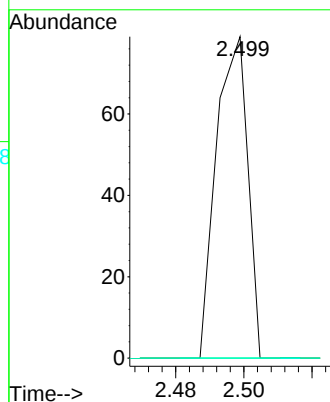
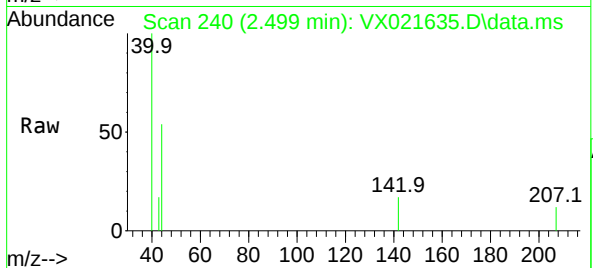
Instrument :

MSVOA_X

ClientSampleId :

EB02-20210325

Tgt Ion:	142	Resp:	50
Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.3	49.9#
141	0.0	11.4	17.0#



#11

Tert butyl alcohol

Concen: 3.63 ug/l

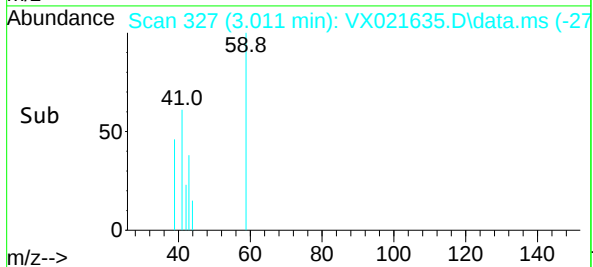
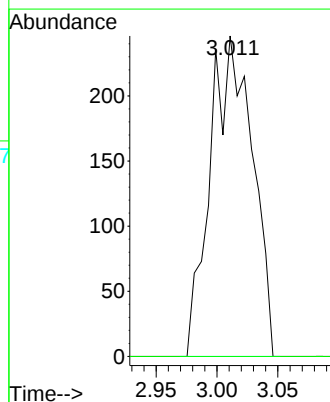
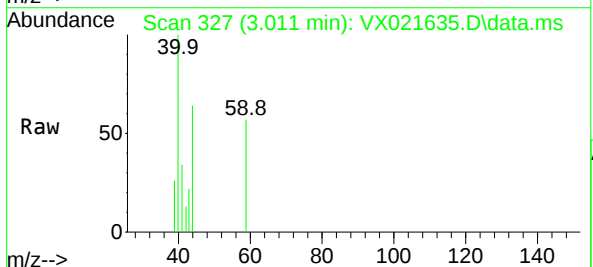
RT: 3.011 min Scan# 327

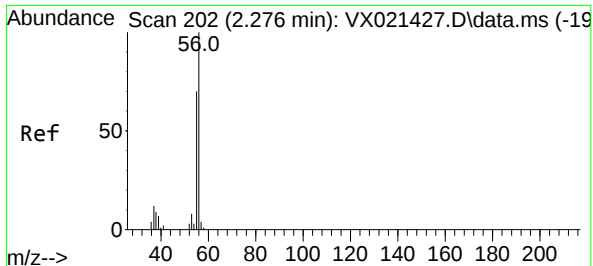
Delta R.T. -0.012 min

Lab File: VX021635.D

Acq: 30 Mar 2021 17:16

Tgt Ion:	59	Resp:	595
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

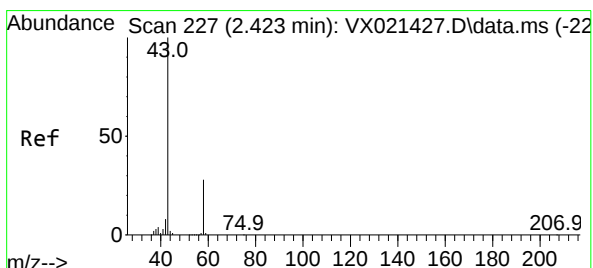
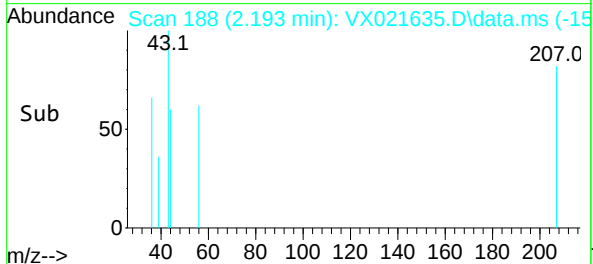
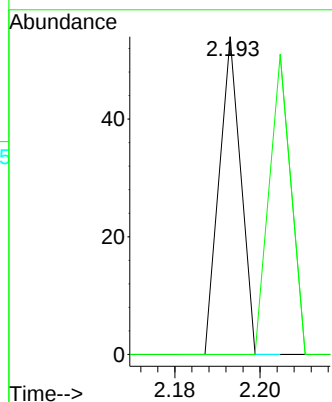
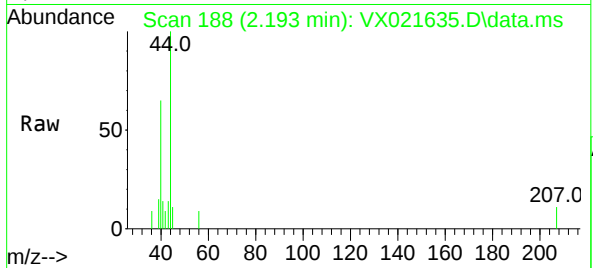




#13
Acrolein
Concen: 4.52 ug/l
RT: 2.193 min Scan# 188
Delta R.T. -0.083 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

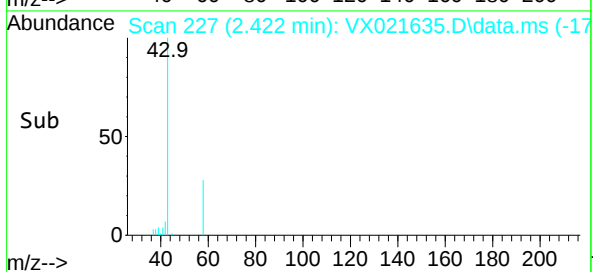
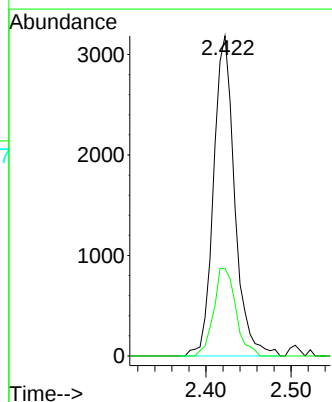
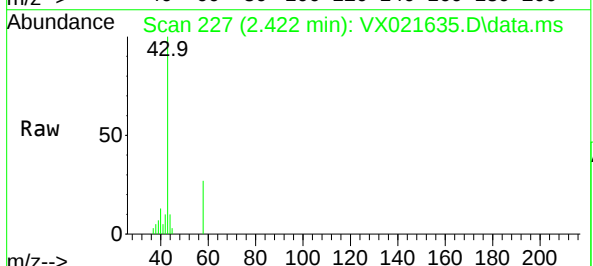
Instrument :
MSVOA_X
ClientSampleId :
EB02-20210325

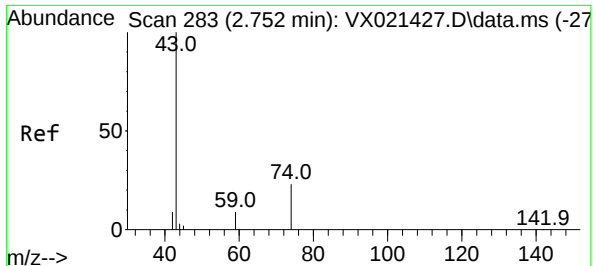
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 94.7 56.4 84.6#



#16
Acetone
Concen: 14.66 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

Tgt Ion: 43 Resp: 5493
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#

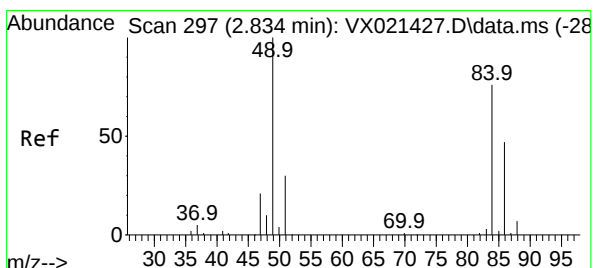
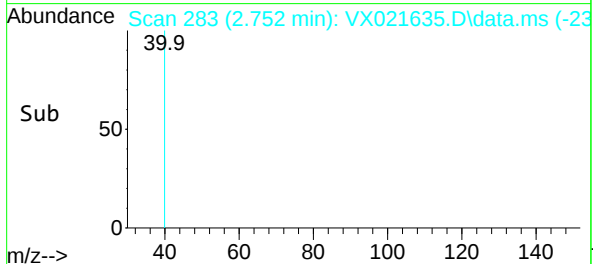
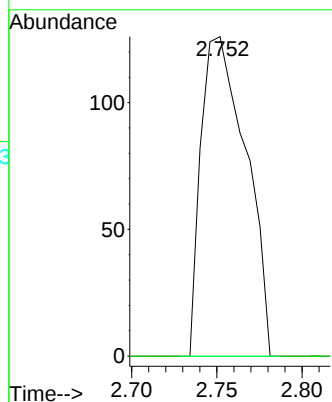
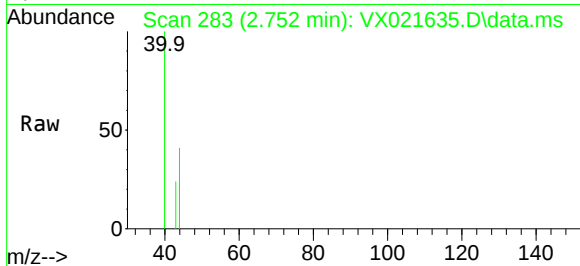




#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

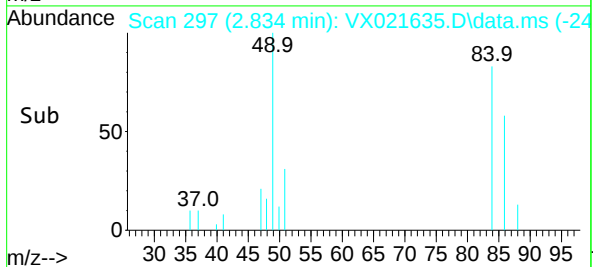
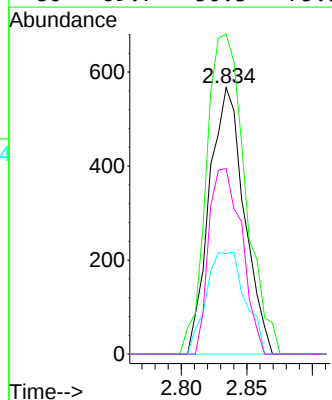
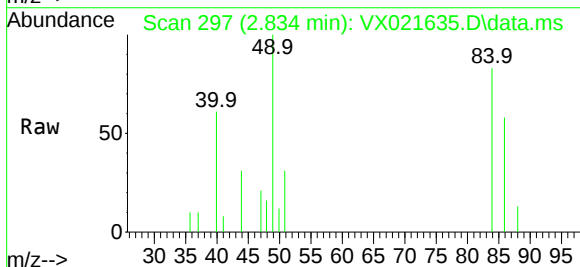
Instrument :
MSVOA_X
ClientSampleId :
EB02-20210325

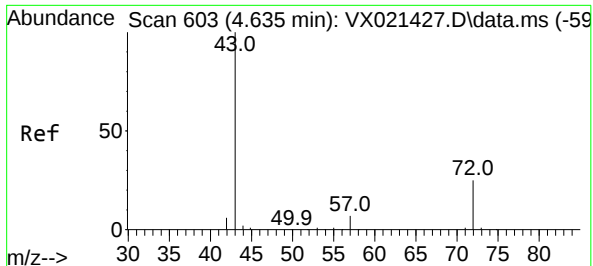
Tgt Ion: 43 Resp: 231
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 1.43 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

Tgt Ion: 84 Resp: 1048
Ion Ratio Lower Upper
84 100
49 120.1 88.6 132.8
51 37.7 27.0 40.6
86 69.7 50.3 75.5





#25

2-Butanone

Concen: 0.63 ug/l

RT: 4.664 min Scan# 608

Delta R.T. 0.029 min

Lab File: VX021635.D

Acq: 30 Mar 2021 17:16

Tgt Ion: 43 Resp: 355

Ion Ratio Lower Upper

43 100

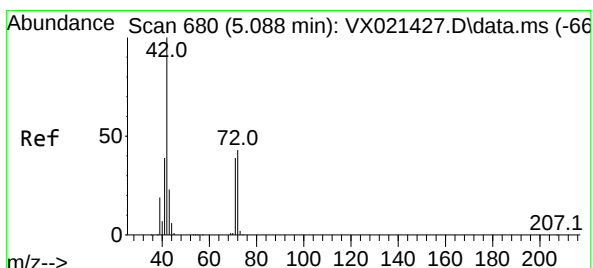
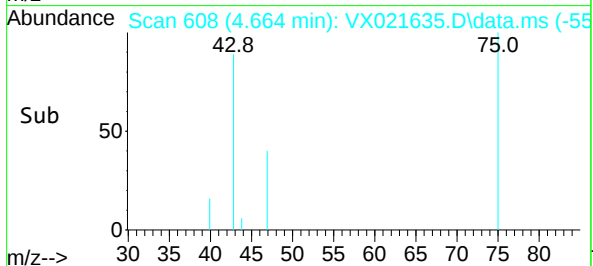
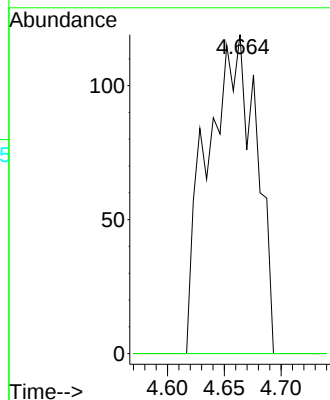
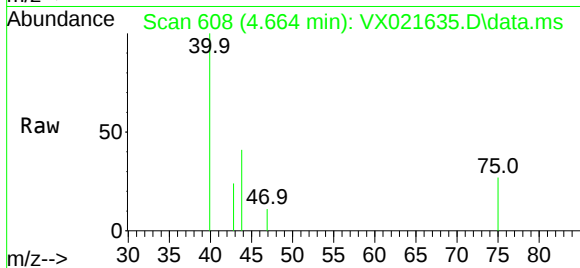
72 0.0 23.7 35.5#

Instrument :

MSVOA_X

ClientSampleId :

EB02-20210325



#29

Tetrahydrofuran

Concen: 0.40 ug/l

RT: 5.087 min Scan# 680

Delta R.T. -0.001 min

Lab File: VX021635.D

Acq: 30 Mar 2021 17:16

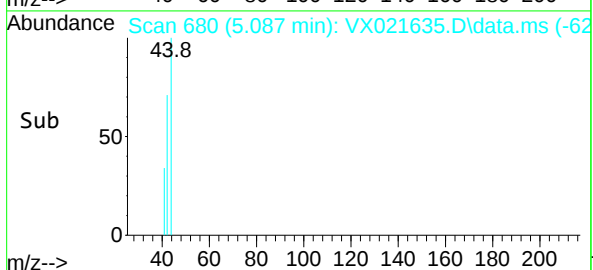
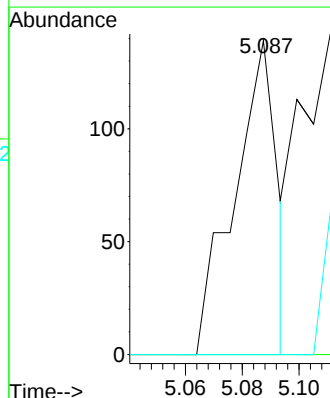
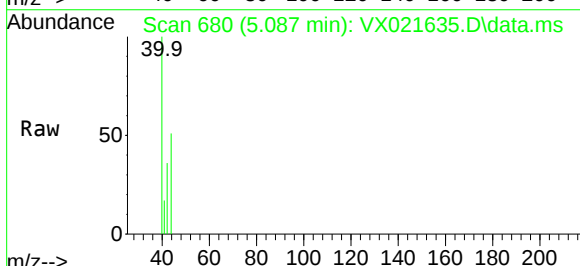
Tgt Ion: 42 Resp: 146

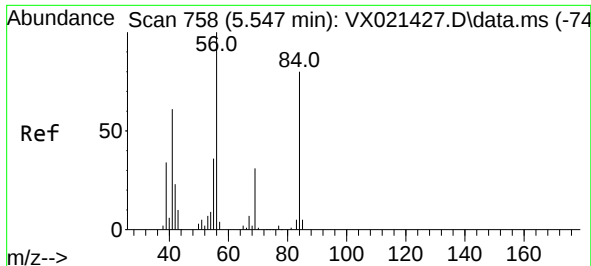
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

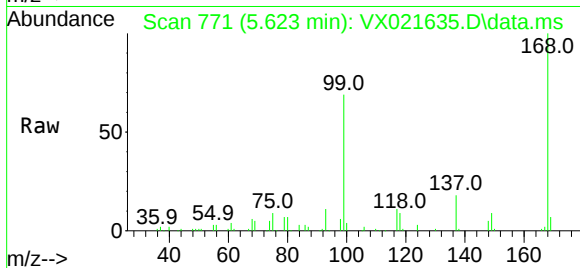
71 0.0 38.4 57.6#



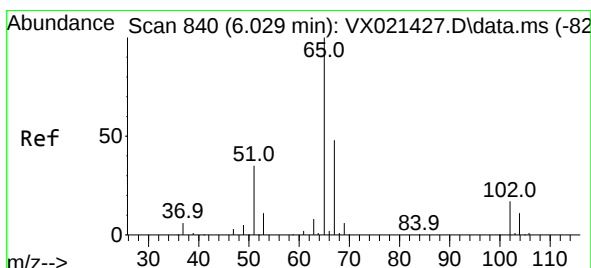
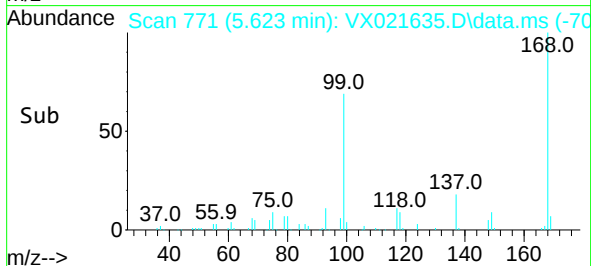
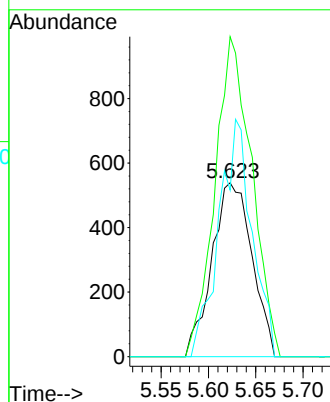


#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

Instrument :
MSVOA_X
ClientSampleId :
EB02-20210325

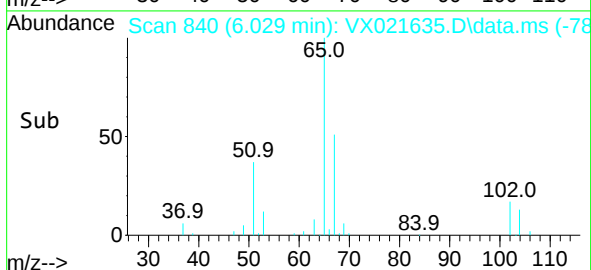
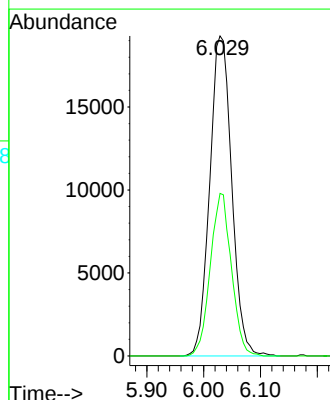
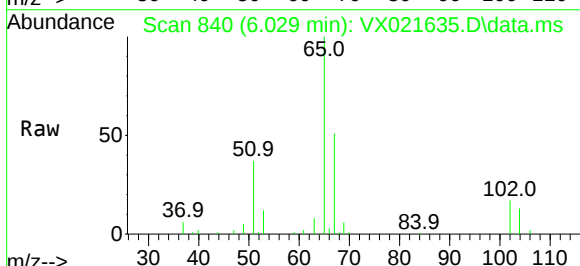


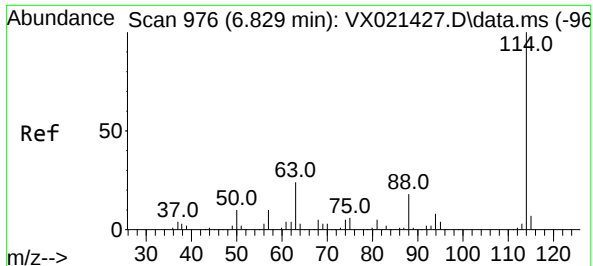
Tgt Ion: 56 Resp: 1584
Ion Ratio Lower Upper
56 100
69 184.0 25.3 37.9#
84 95.7 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.31 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

Tgt Ion: 65 Resp: 51836
Ion Ratio Lower Upper
65 100
67 48.7 0.0 105.4

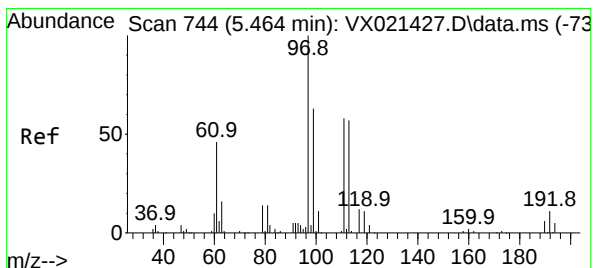
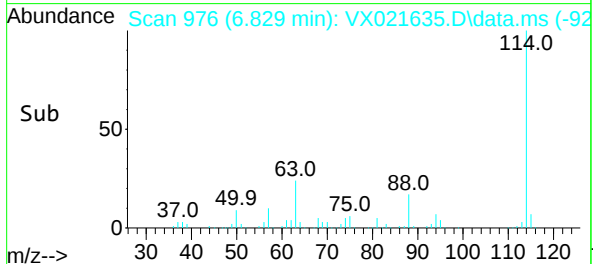
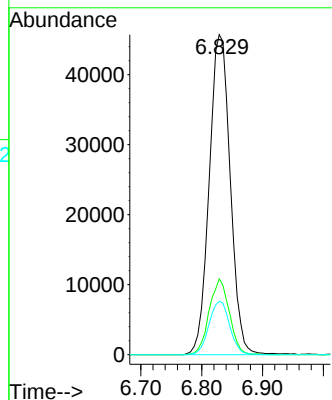
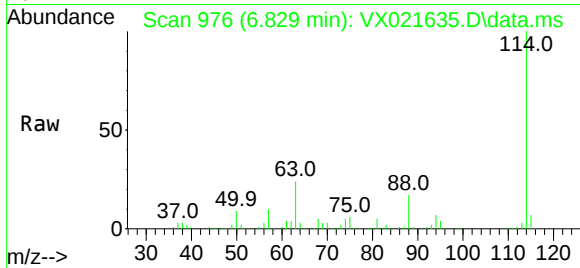




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

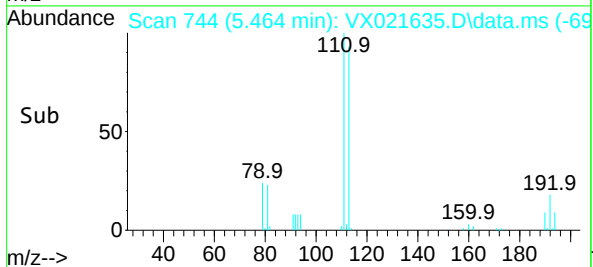
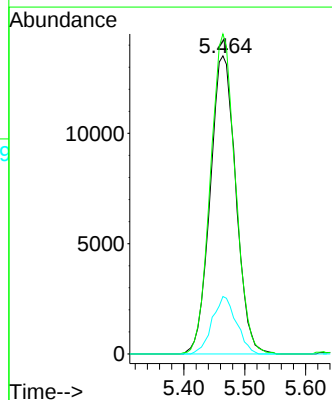
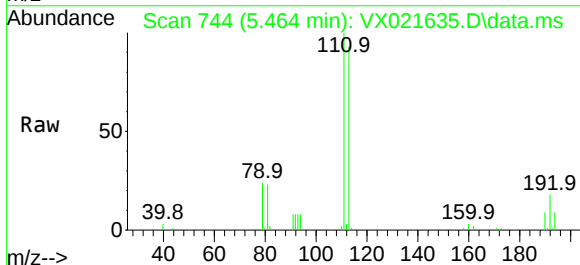
Instrument :
MSVOA_X
ClientSampleId :
EB02-20210325

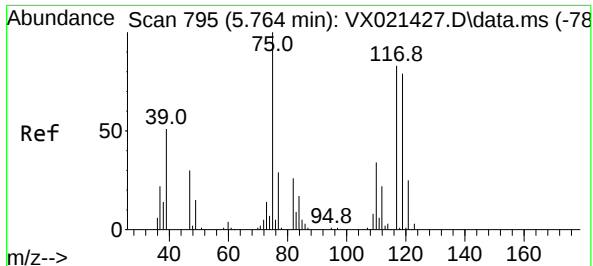
Tgt Ion:114 Resp: 109793
Ion Ratio Lower Upper
114 100
63 23.7 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.73 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

Tgt Ion:113 Resp: 39562
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 18.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.93 ug/l

RT: 5.629 min Scan# 772

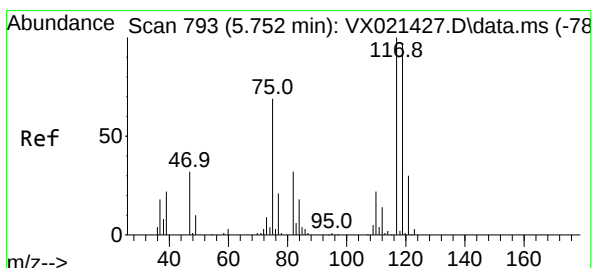
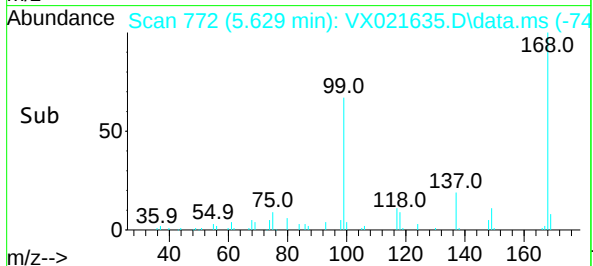
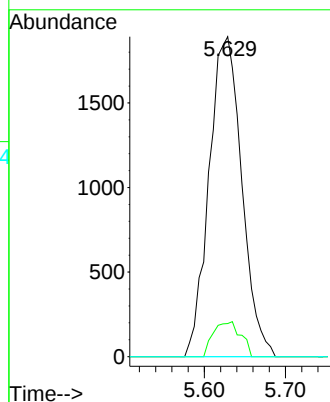
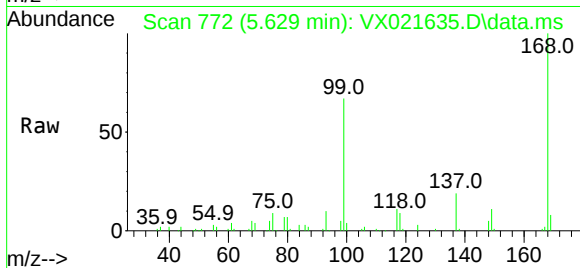
Delta R.T. -0.135 min

Lab File: VX021635.D

Acq: 30 Mar 2021 17:16

Tgt Ion:	75	Resp:	5303
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
EB02-20210325



#38

Carbon Tetrachloride

Concen: 5.74 ug/l

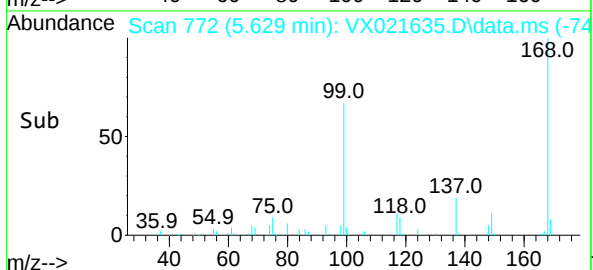
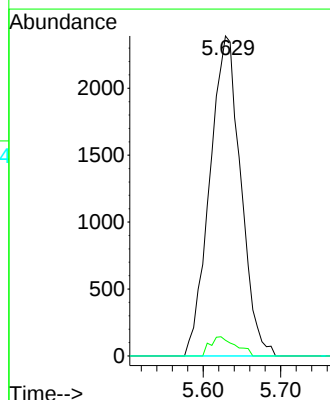
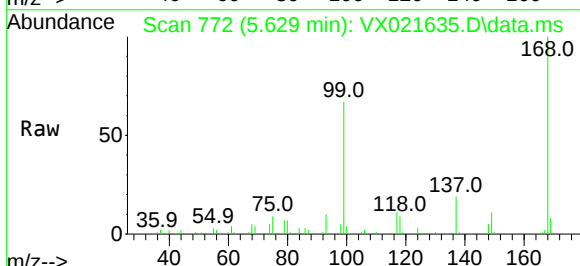
RT: 5.629 min Scan# 772

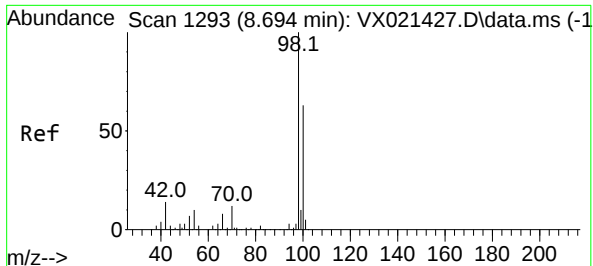
Delta R.T. -0.123 min

Lab File: VX021635.D

Acq: 30 Mar 2021 17:16

Tgt Ion:	117	Resp:	6641
Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.2	114.2#
121	0.0	24.8	37.2#

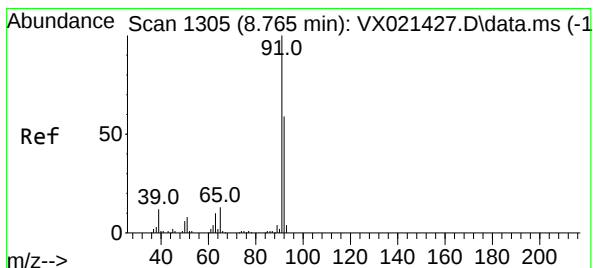
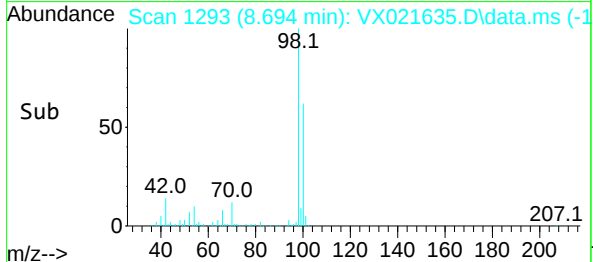
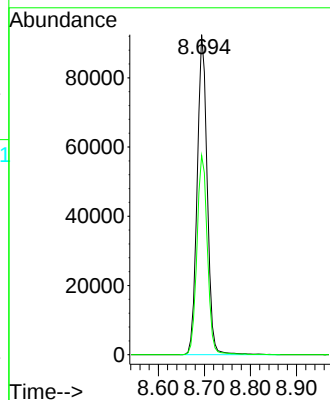
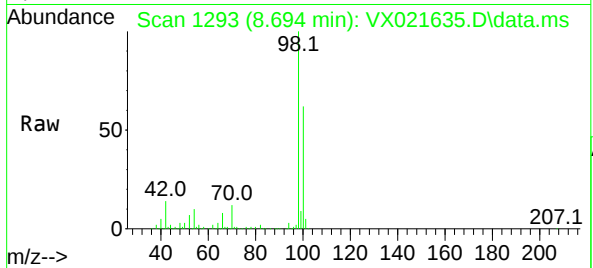




#50
Toluene-d8
Concen: 50.27 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

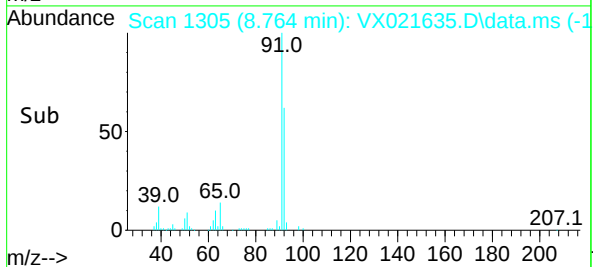
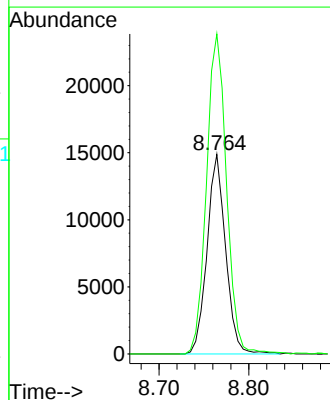
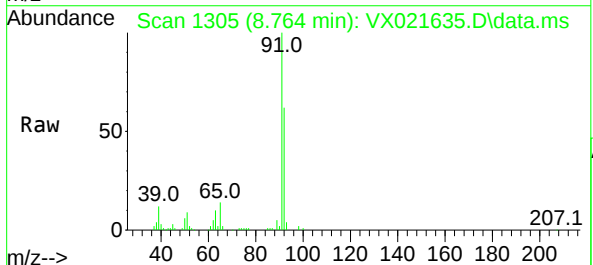
Instrument :
MSVOA_X
ClientSampleId :
EB02-20210325

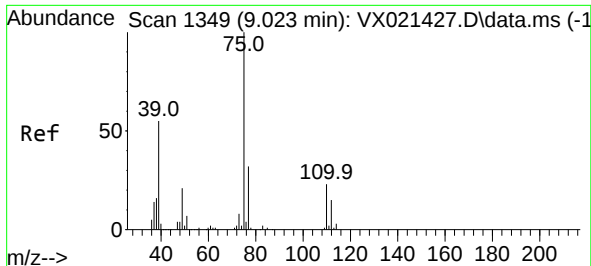
Tgt Ion: 98 Resp: 139720
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#52
Toluene
Concen: 11.35 ug/l
RT: 8.764 min Scan# 1305
Delta R.T. -0.001 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

Tgt Ion: 92 Resp: 21416
Ion Ratio Lower Upper
92 100
91 172.3 137.1 205.7

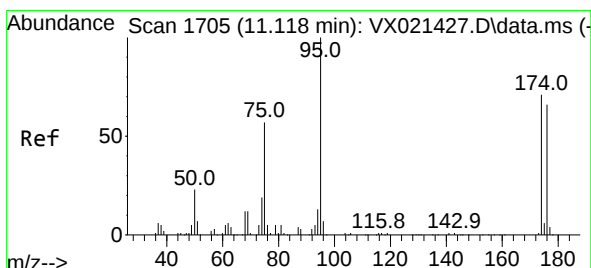
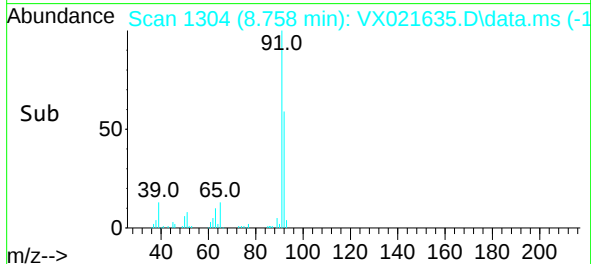
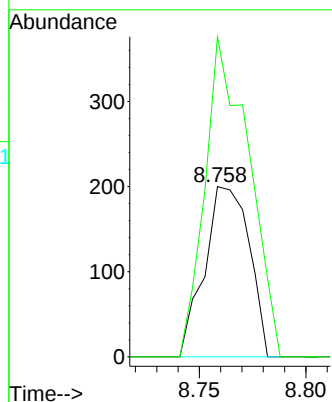
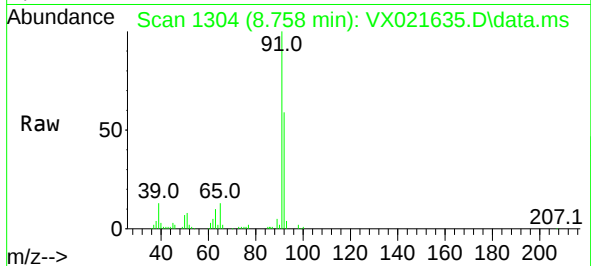




#53
t-1,3-Dichloropropene
Concen: 0.24 ug/l
RT: 8.758 min Scan# 1304
Delta R.T. -0.264 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

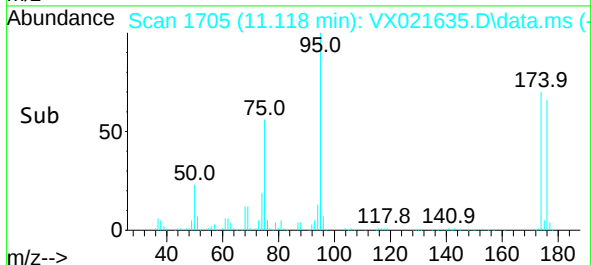
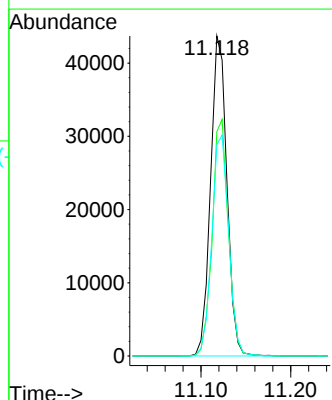
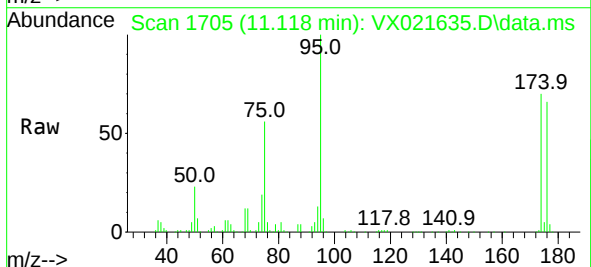
Instrument :
MSVOA_X
ClientSampleId :
EB02-20210325

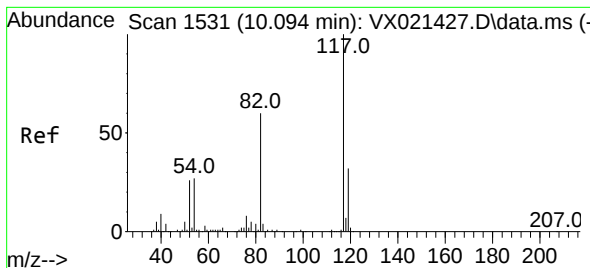
Tgt Ion: 75 Resp: 293
Ion Ratio Lower Upper
75 100
77 188.0 24.9 37.3#



#62
4-Bromofluorobenzene
Concen: 50.97 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

Tgt Ion: 95 Resp: 55074
Ion Ratio Lower Upper
95 100
174 73.1 0.0 154.6
176 71.5 0.0 155.8

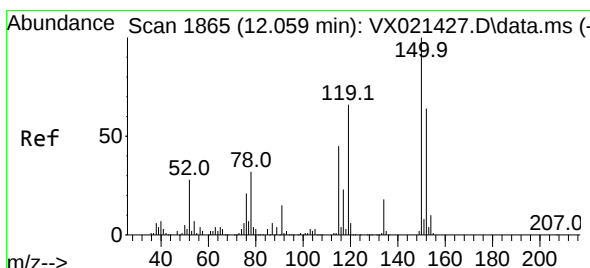
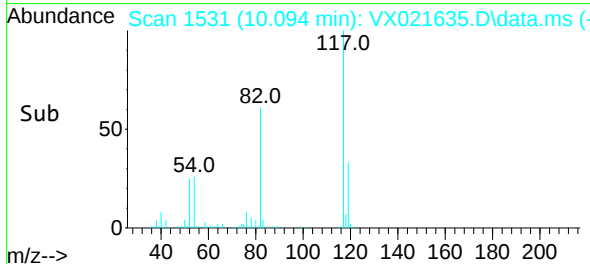
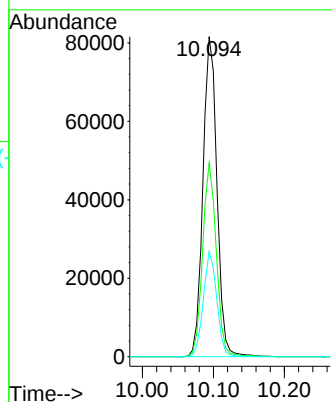
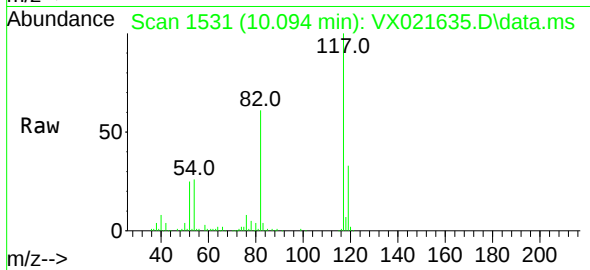




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

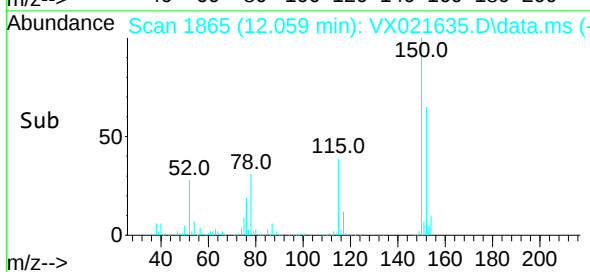
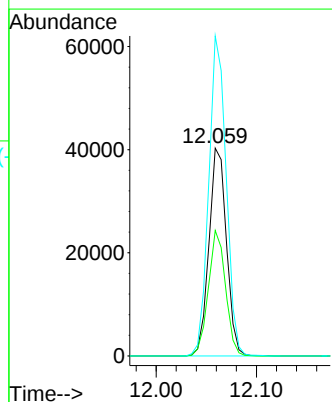
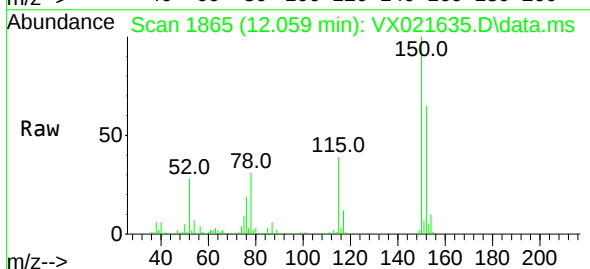
Instrument :
MSVOA_X
ClientSampleId :
EB02-20210325

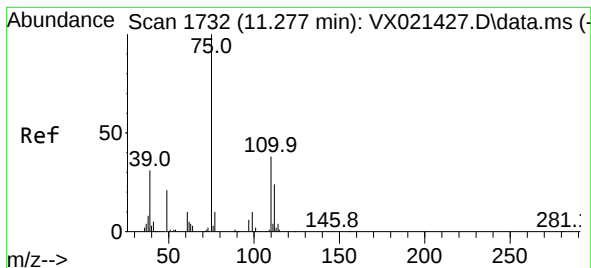
Tgt Ion:117 Resp: 112259
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

Tgt Ion:152 Resp: 49114
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 152.8 0.0 349.0

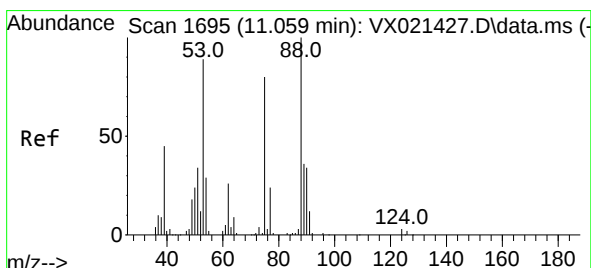
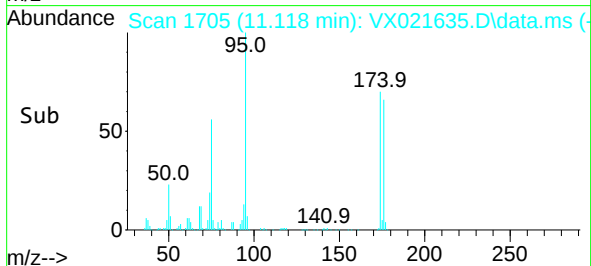
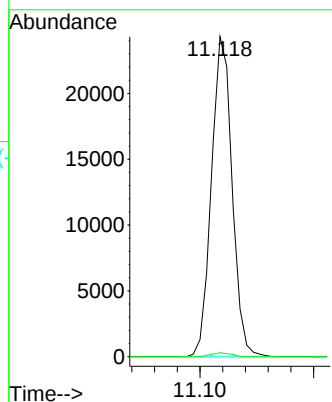
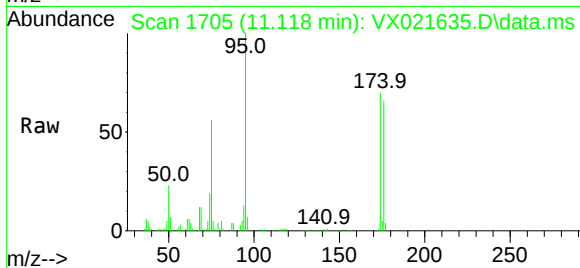




#76
1,2,3-Trichloropropane
Concen: 26.82 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

Instrument :
MSVOA_X
ClientSampleId :
EB02-20210325

Tgt Ion: 75 Resp: 30661
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.68 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021635.D
Acq: 30 Mar 2021 17:16

Tgt Ion: 75 Resp: 30661
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

