

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021677.D
 Acq On : 31 Mar 2021 12:25
 Operator : JC/MD
 Sample : M1842-13 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20210323

Quant Time: Apr 01 03:23:15 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)

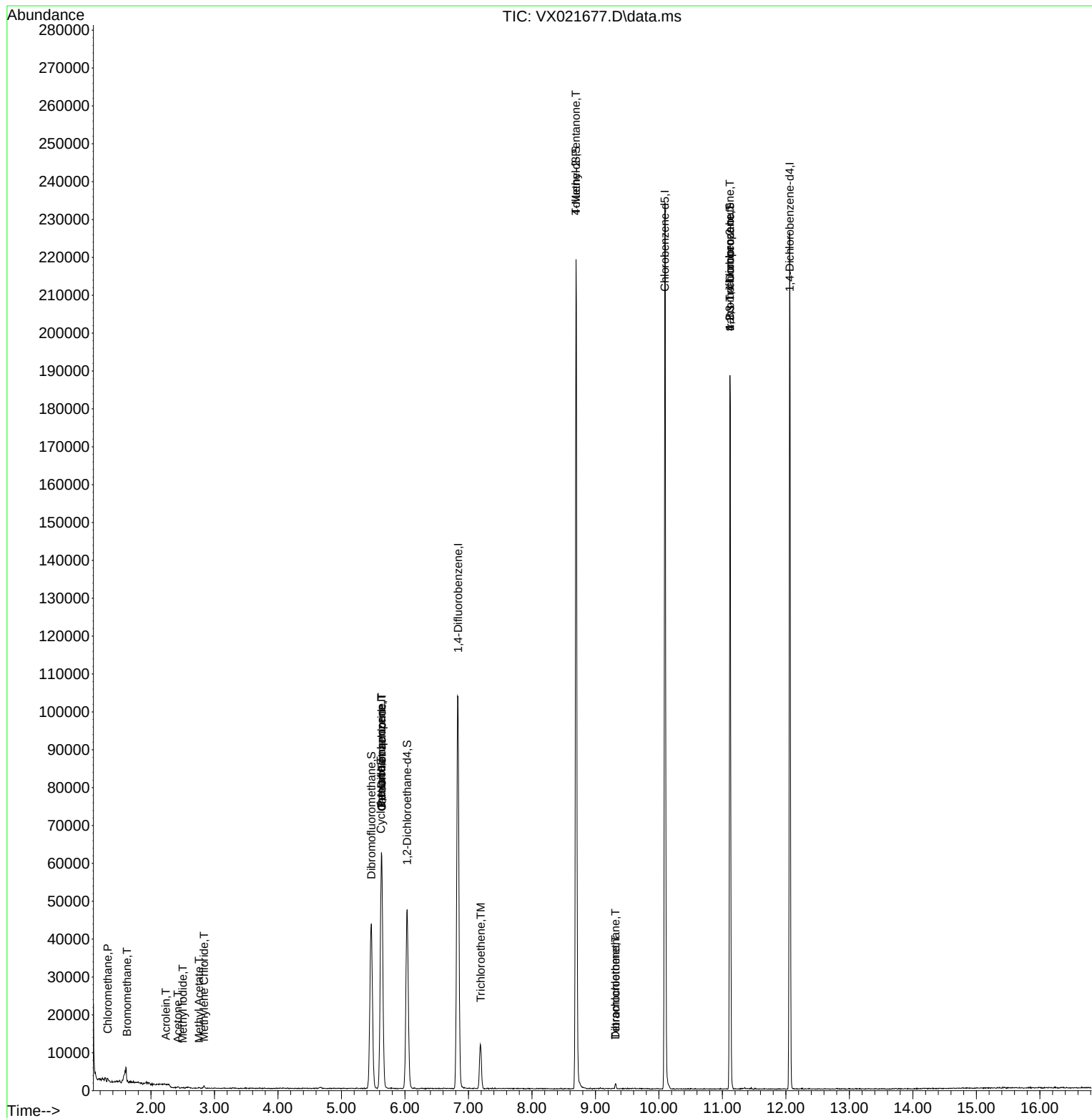
Internal Standards						
1) Pentafluorobenzene	5.629	168	54523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	98336	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	100282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	42271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	47204	52.03	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 104.06%		
35) Dibromofluoromethane	5.470	113	36797	52.68	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 105.36%		
50) Toluene-d8	8.694	98	124152	49.88	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 99.76%		
62) 4-Bromofluorobenzene	11.118	95	47470	49.05	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 98.10%		
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1515	2.24	ug/l	93
5) Bromomethane	1.623	94	180	0.73	ug/l #	2
10) Methyl Iodide	2.499	142	42	6.73	ug/l #	42
13) Acrolein	2.234	56	18	4.53	ug/l #	14
16) Acetone	2.423	43	347	1.01	ug/l #	40
18) Methyl Acetate	2.758	43	258	0.26	ug/l #	47
20) Methylene Chloride	2.835	84	304	0.45	ug/l	97
31) Cyclohexane	5.623	56	1507	1.51	ug/l #	41
36) 1,1-Dichloropropene	5.629	75	4854	5.04	ug/l #	49
38) Carbon Tetrachloride	5.635	117	5924	5.72	ug/l #	15
44) Trichloroethene	7.194	130	4106	5.69	ug/l	96
51) 4-Methyl-2-Pentanone	8.694	43	661	0.59	ug/l #	1
60) Dibromochloromethane	9.318	129	245	0.31	ug/l #	11
64) Tetrachloroethene	9.318	164	227	0.34	ug/l #	76
76) 1,2,3-Trichloropropane	11.118	75	27427	27.87	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	27427	84.89	ug/l #	12

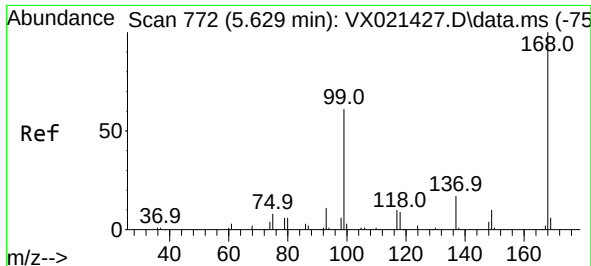
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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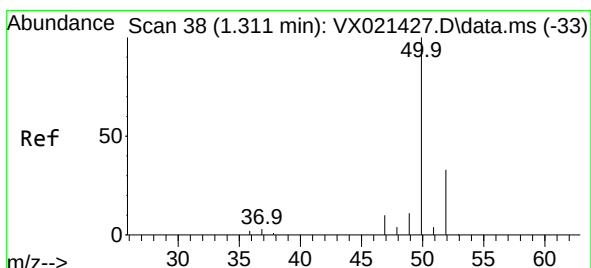
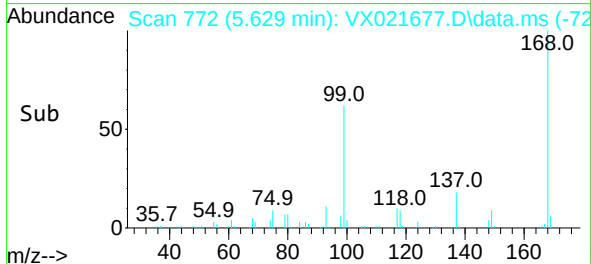
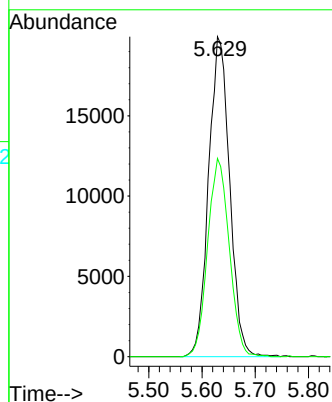
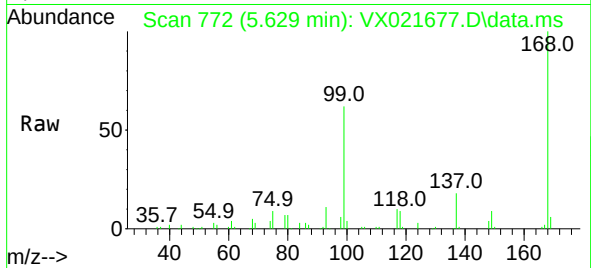




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

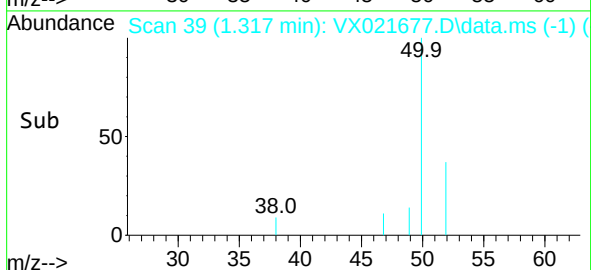
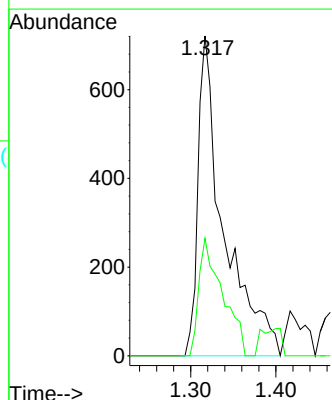
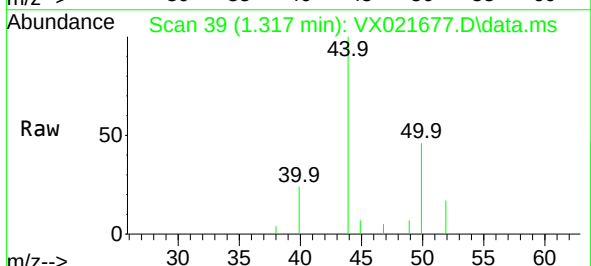
Instrument :
MSVOA_X
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DUP05-20210323

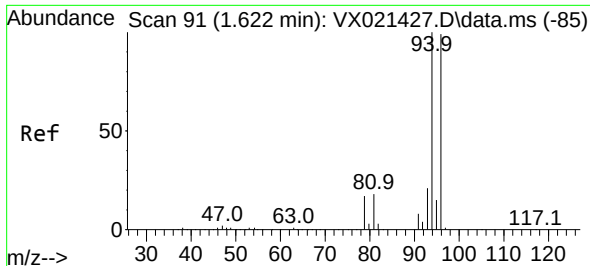
Tgt Ion:168 Resp: 54523
Ion Ratio Lower Upper
168 100
99 61.9 45.8 68.6



#3
Chloromethane
Concen: 2.24 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

Tgt Ion: 50 Resp: 1515
Ion Ratio Lower Upper
50 100
52 36.8 26.4 39.6

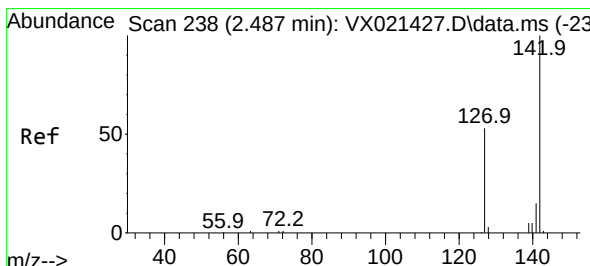
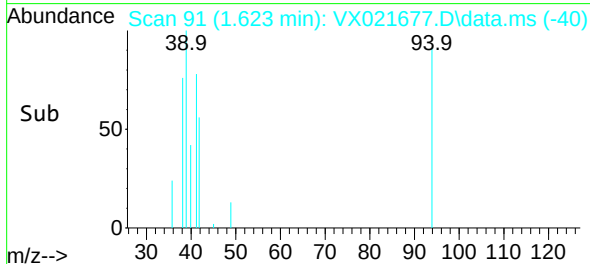
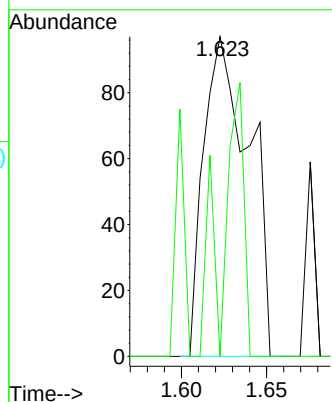
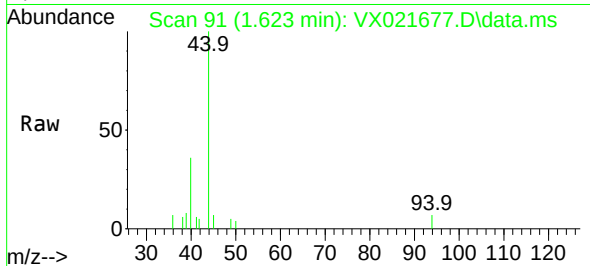




#5
Bromomethane
Concen: 0.73 ug/l
RT: 1.623 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

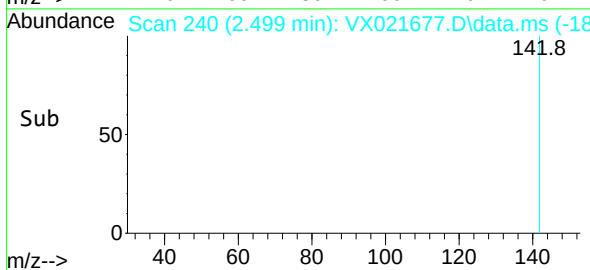
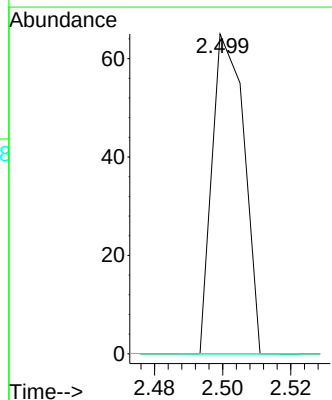
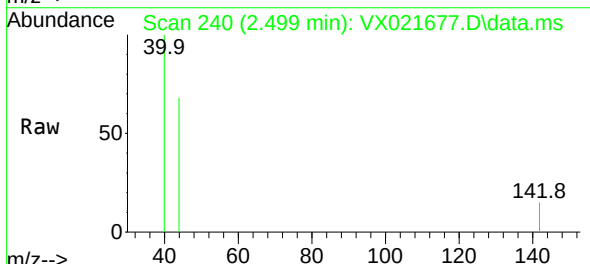
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

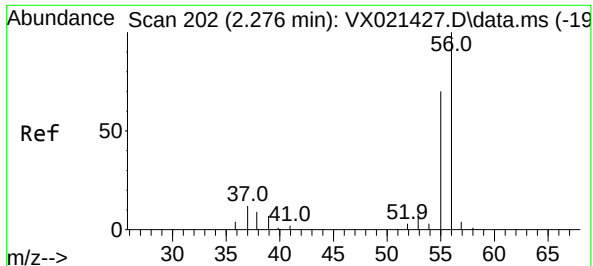
Tgt Ion: 94 Resp: 180
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#10
Methyl Iodide
Concen: 6.73 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

Tgt Ion: 142 Resp: 42
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

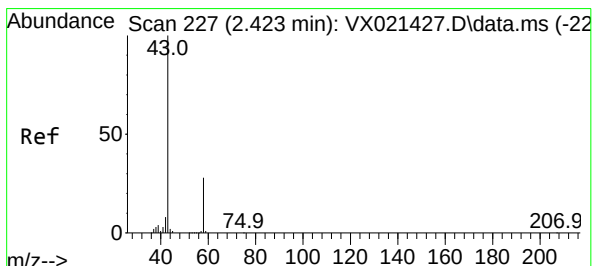
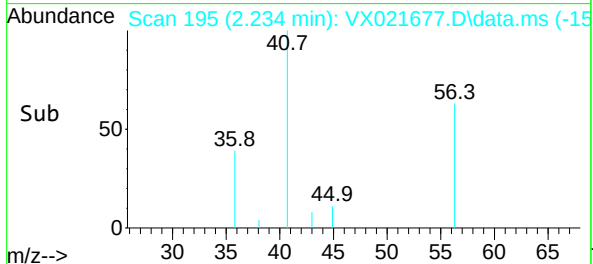
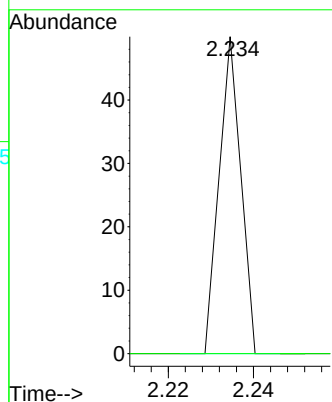
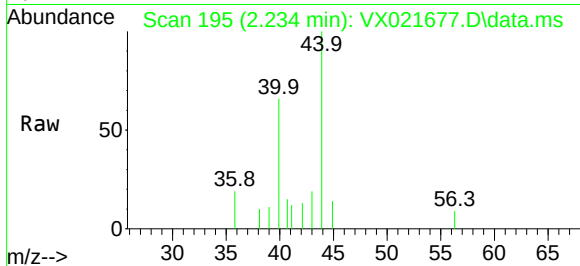




#13
Acrolein
Concen: 4.53 ug/l
RT: 2.234 min Scan# 195
Delta R.T. -0.042 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

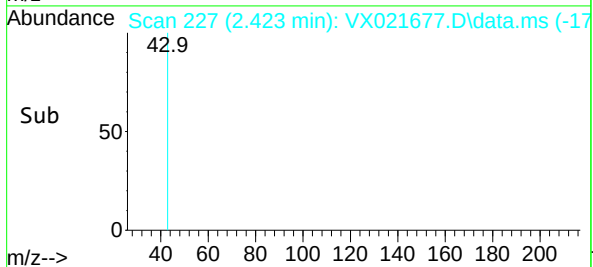
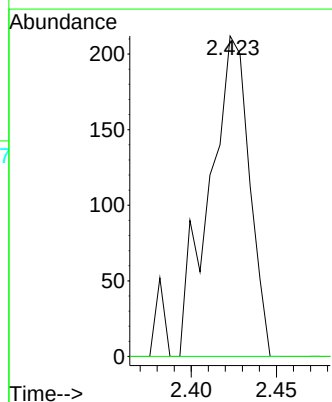
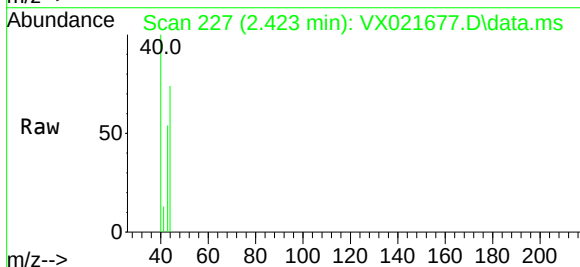
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

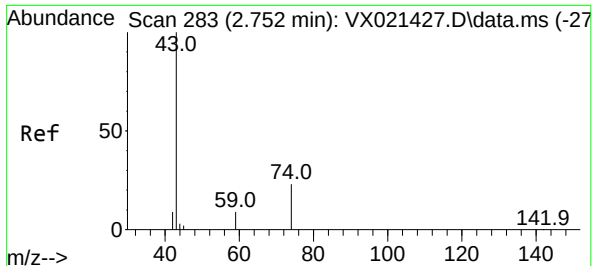
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.01 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

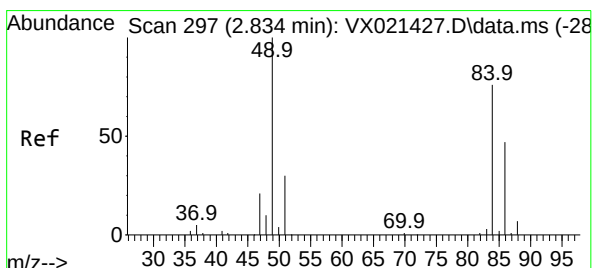
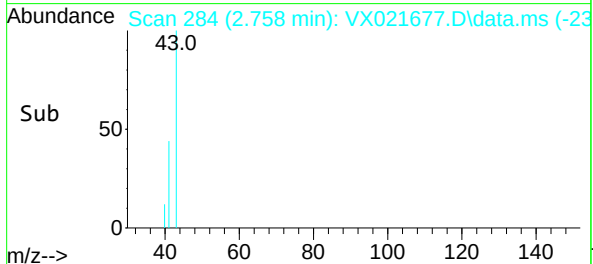
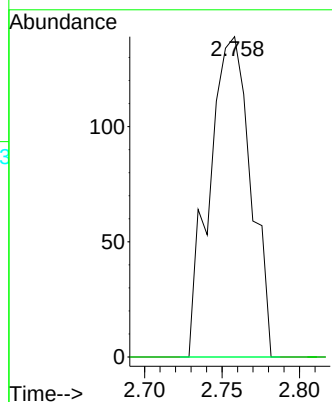
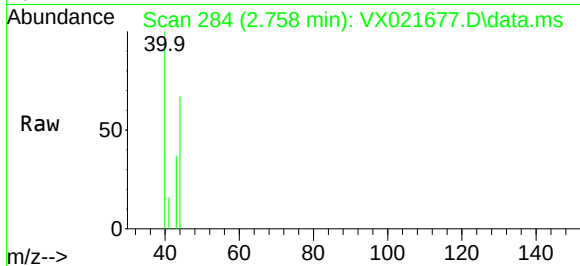




#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

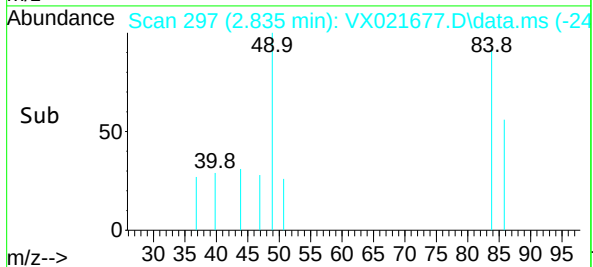
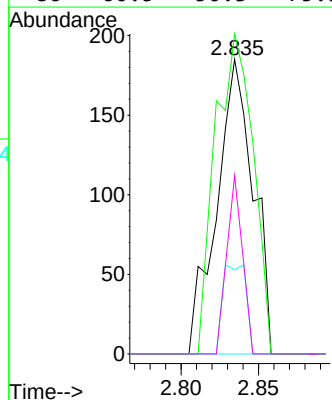
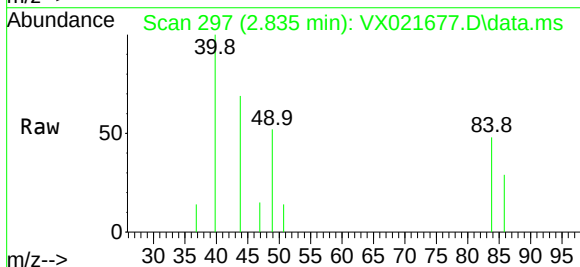
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

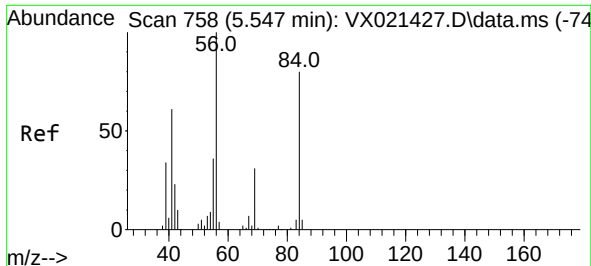
Tgt Ion: 43 Resp: 258
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.45 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.001 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

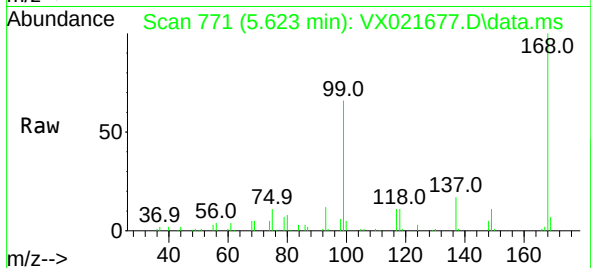
Tgt Ion: 84 Resp: 304
Ion Ratio Lower Upper
84 100
49 108.6 88.6 132.8
51 28.6 27.0 40.6
86 60.5 50.3 75.5



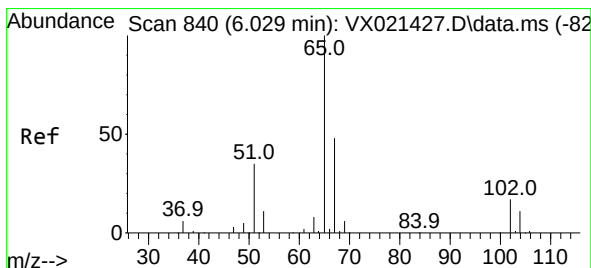
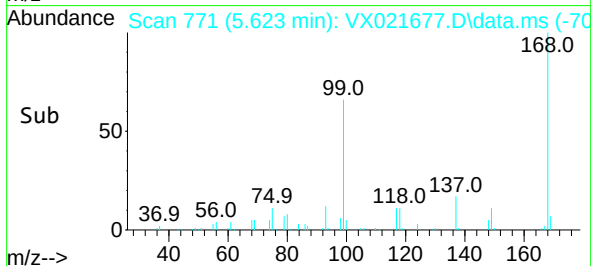
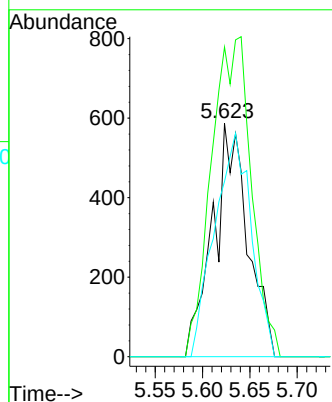


#31
Cyclohexane
Concen: 1.51 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

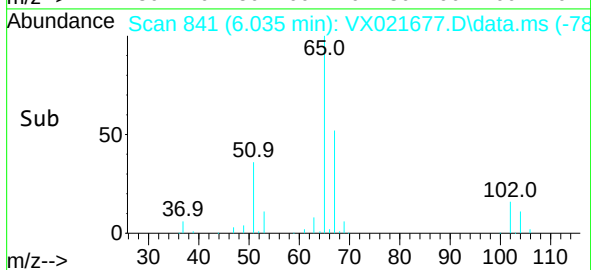
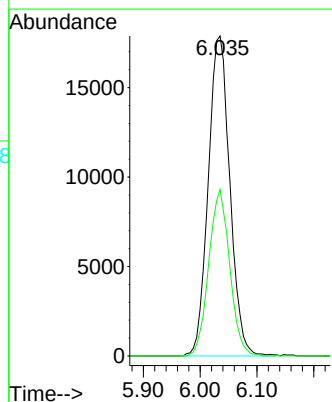
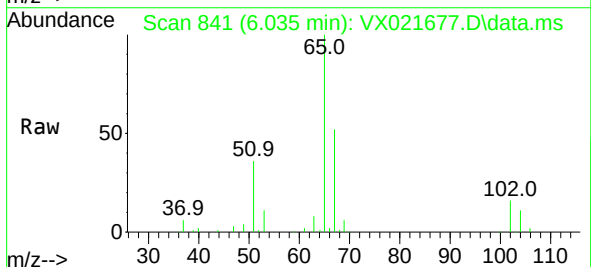


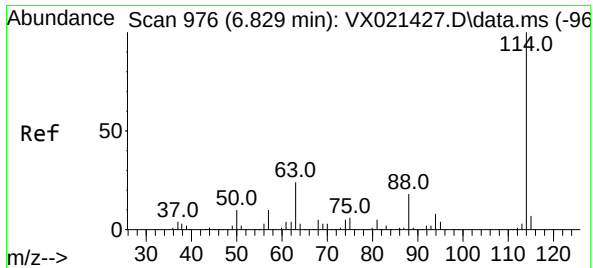
Tgt Ion: 56 Resp: 1507
Ion Ratio Lower Upper
56 100
69 132.7 25.3 37.9#
84 75.1 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.03 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

Tgt Ion: 65 Resp: 47204
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

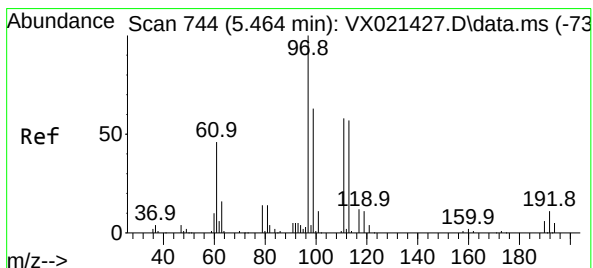
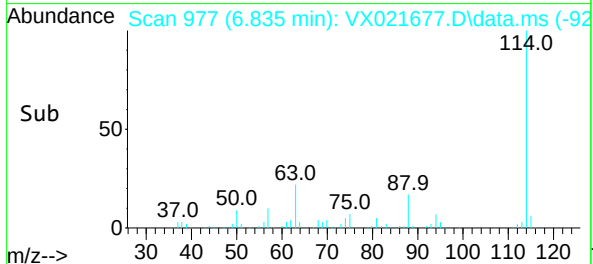
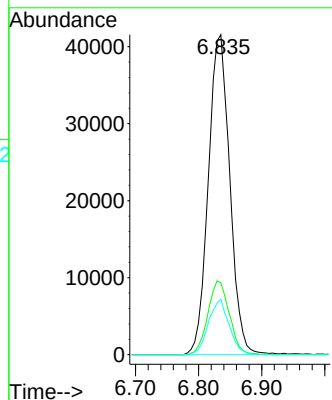
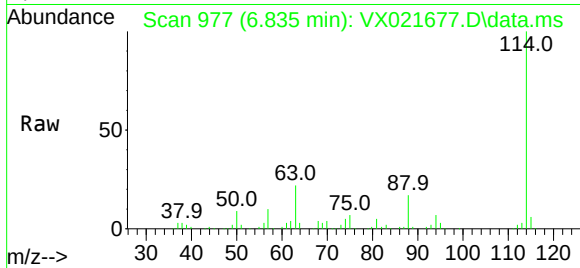




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

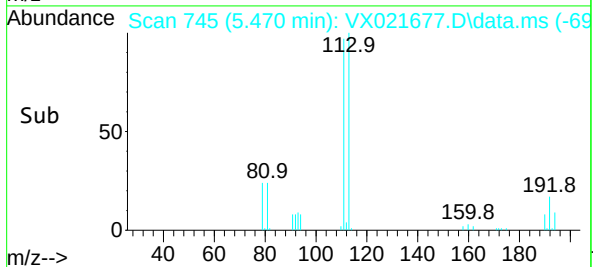
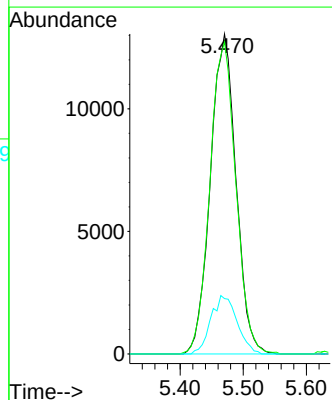
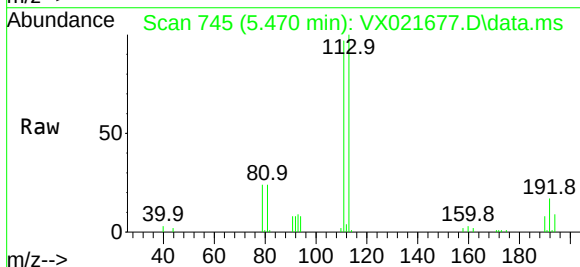
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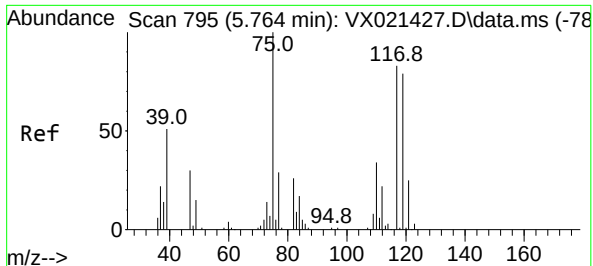
Tgt Ion:114 Resp: 98336
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 17.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.68 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

Tgt Ion:113 Resp: 36797
Ion Ratio Lower Upper
113 100
111 99.0 81.9 122.9
192 18.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.04 ug/l

RT: 5.629 min Scan# 772

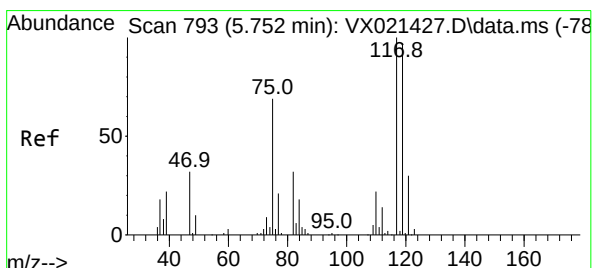
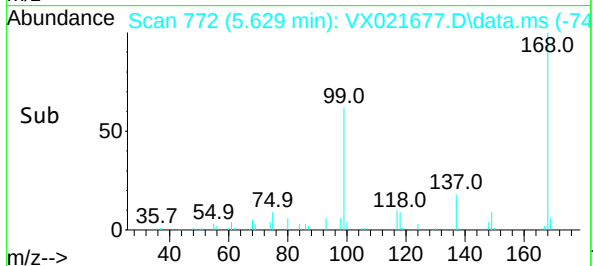
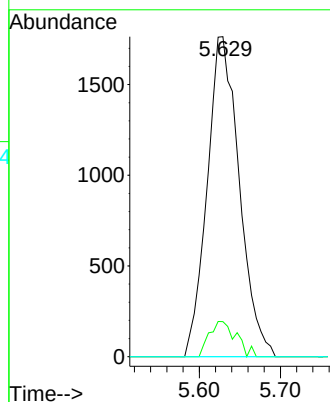
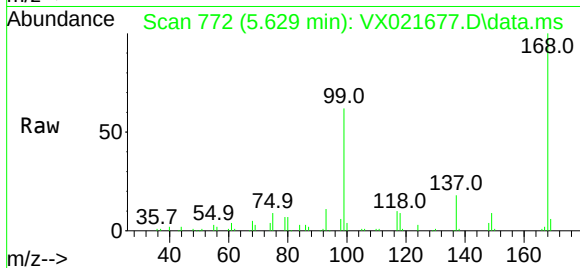
Delta R.T. -0.135 min

Lab File: VX021677.D

Acq: 31 Mar 2021 12:25

Tgt Ion:	75	Resp:	4854
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323



#38

Carbon Tetrachloride

Concen: 5.72 ug/l

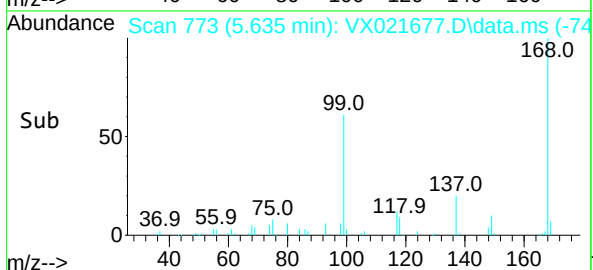
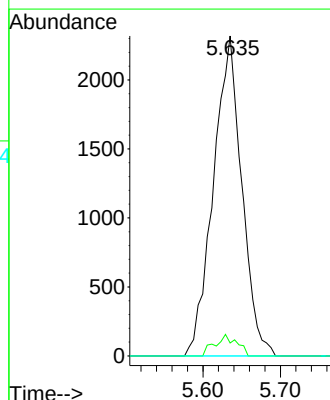
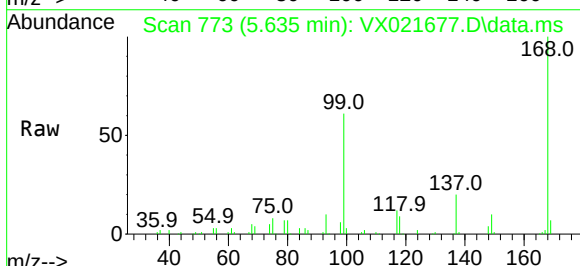
RT: 5.635 min Scan# 773

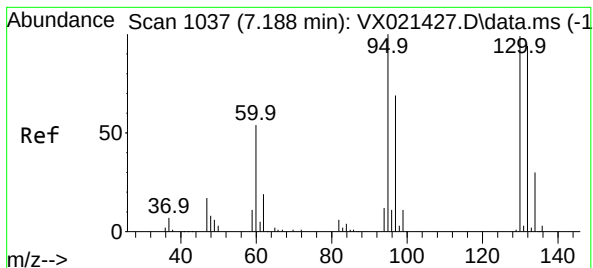
Delta R.T. -0.117 min

Lab File: VX021677.D

Acq: 31 Mar 2021 12:25

Tgt Ion:	117	Resp:	5924
Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.2	114.2#
121	0.0	24.8	37.2#





#44

Trichloroethene

Concen: 5.69 ug/l

RT: 7.194 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VX021677.D

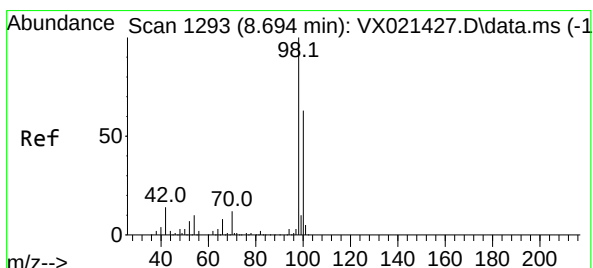
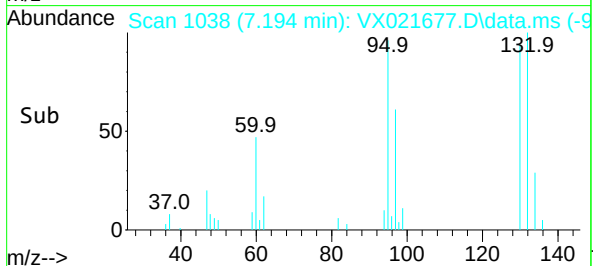
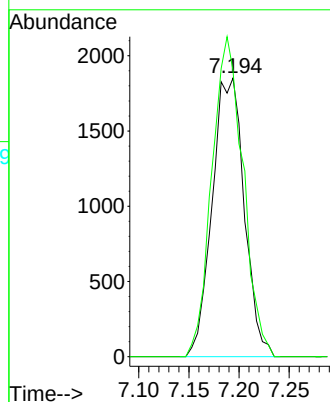
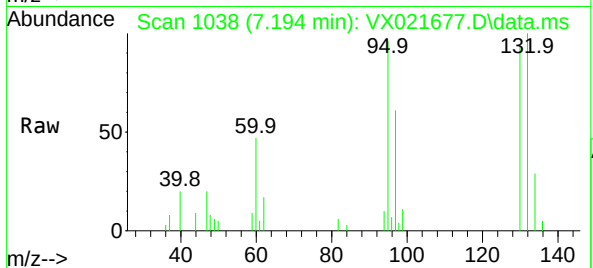
Acq: 31 Mar 2021 12:25

Tgt Ion:130 Resp: 4106

Ion Ratio Lower Upper

130 100

95 102.7 0.0 198.0



#50

Toluene-d8

Concen: 49.88 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VX021677.D

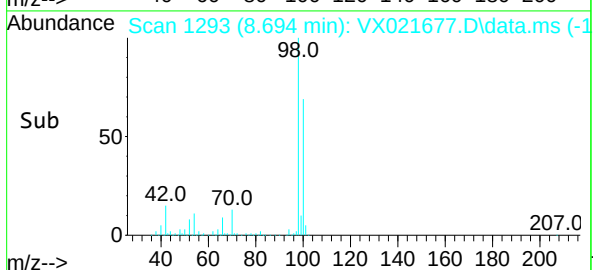
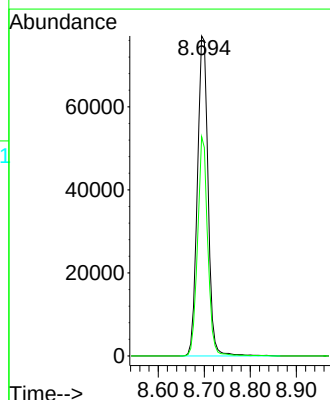
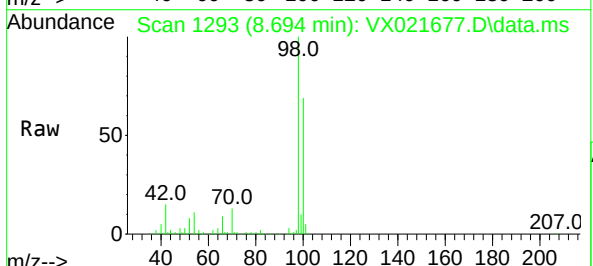
Acq: 31 Mar 2021 12:25

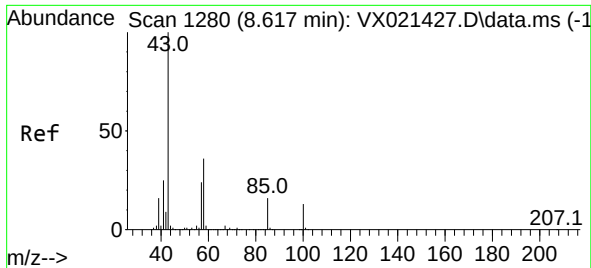
Tgt Ion: 98 Resp: 124152

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9

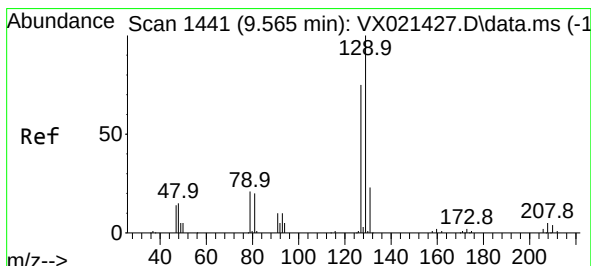
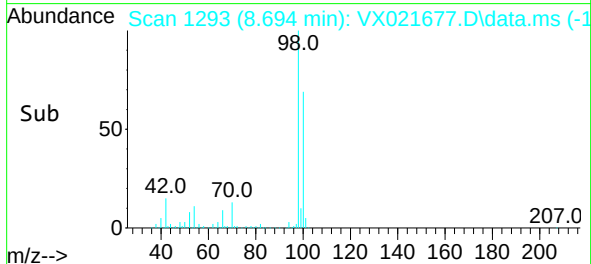
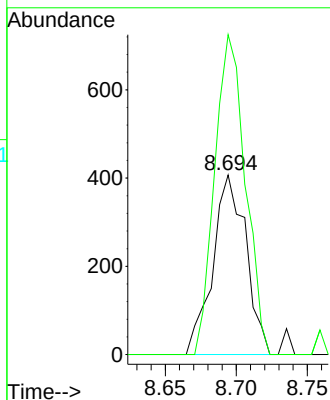
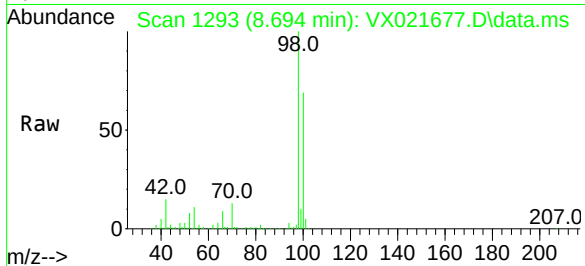




#51
4-Methyl-2-Pentanone
Concen: 0.59 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

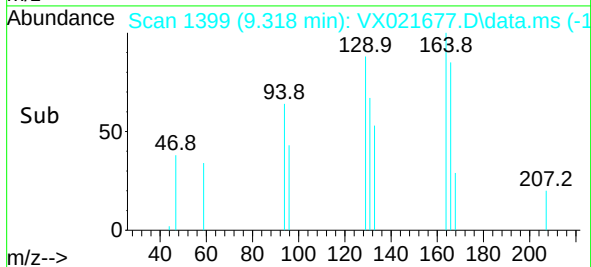
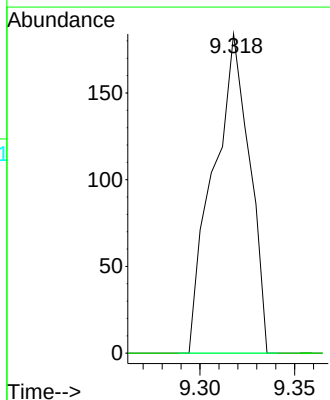
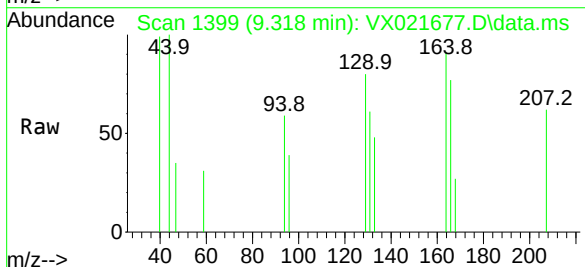
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

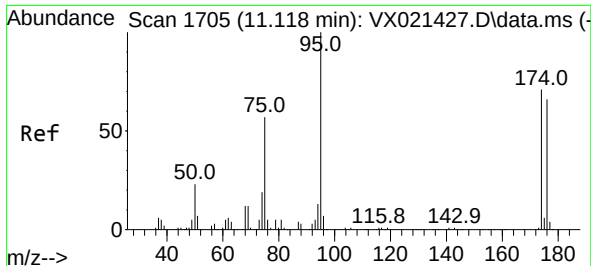
Tgt Ion: 43 Resp: 661
Ion Ratio Lower Upper
43 100
58 165.1 35.4 53.0#



#60
Dibromochloromethane
Concen: 0.31 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

Tgt Ion: 129 Resp: 245
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

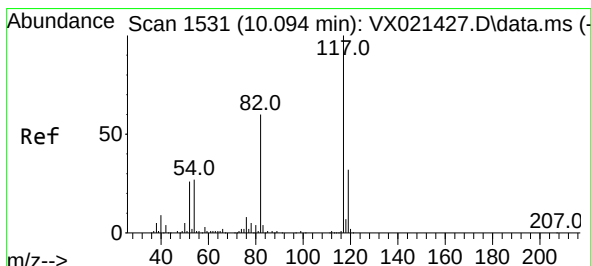
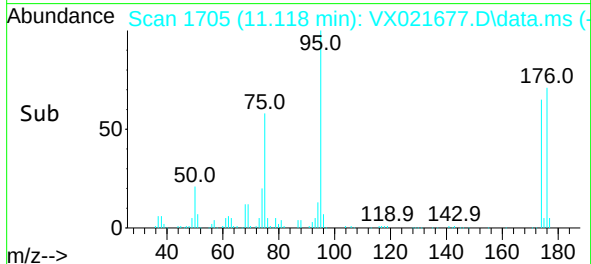
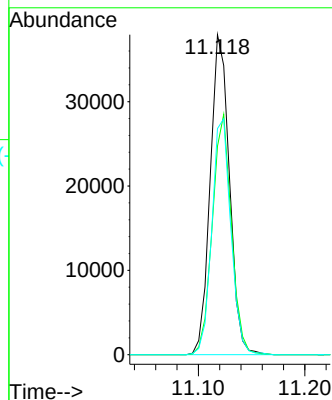
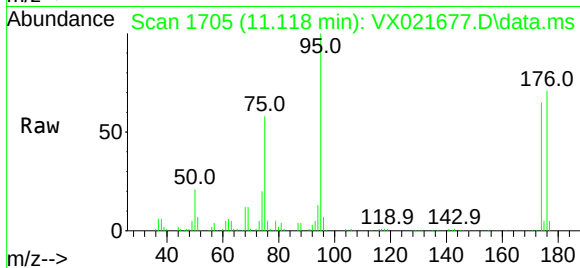




#62
4-Bromofluorobenzene
Concen: 49.05 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

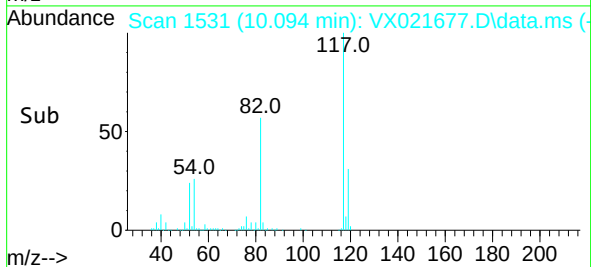
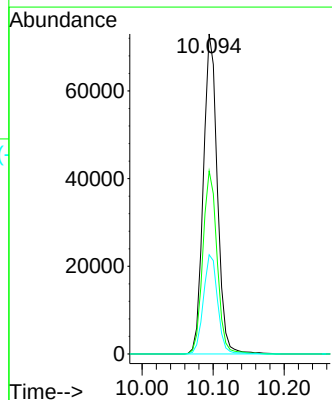
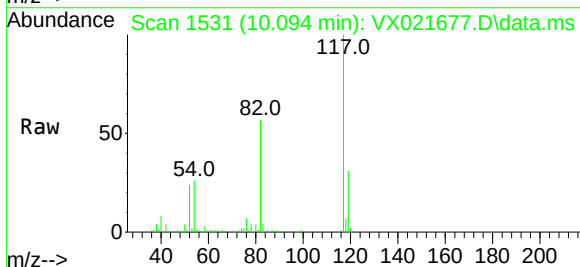
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

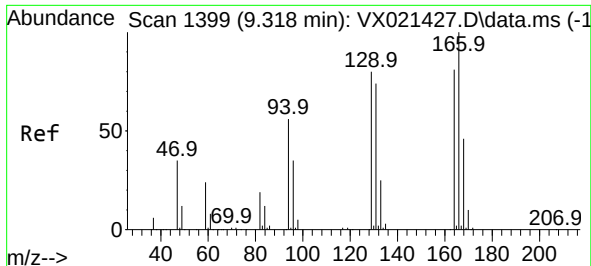
Tgt Ion:	95	Resp:	47470
Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	154.6
176	73.1	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

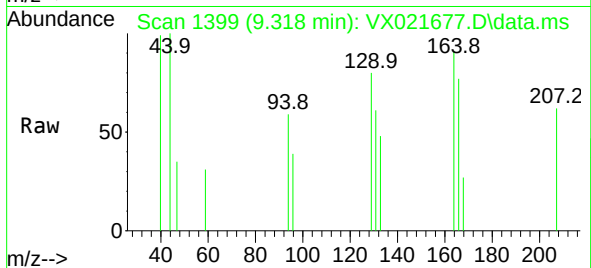
Tgt Ion:	117	Resp:	100282
Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.4	71.2
119	31.0	26.6	39.8





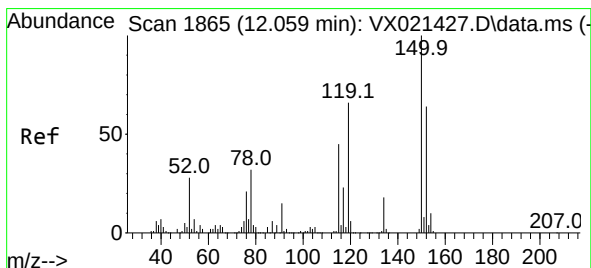
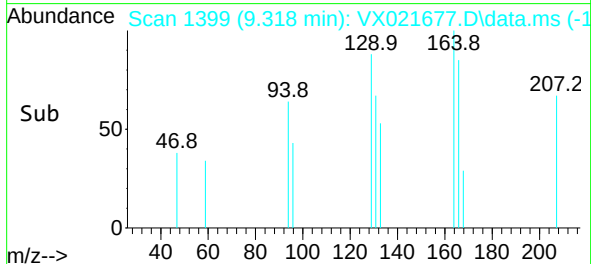
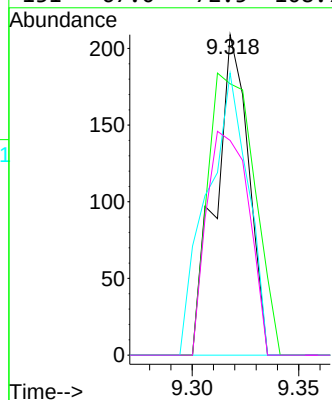
#64
Tetrachloroethene
Concen: 0.34 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323



Tgt Ion:164 Resp: 227

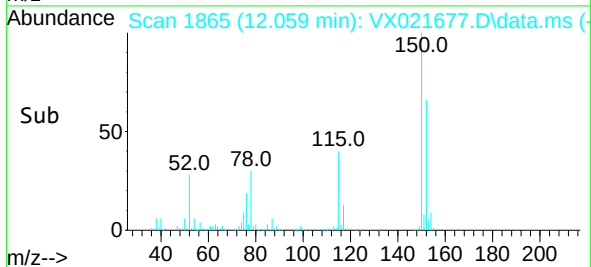
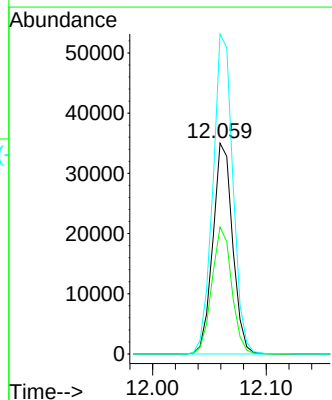
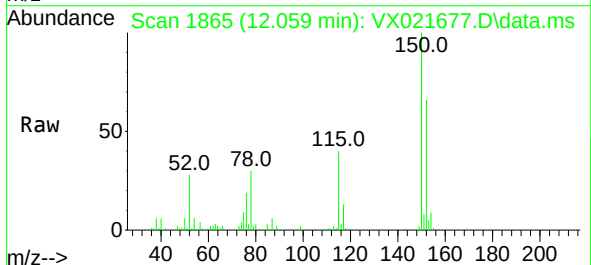
Ion	Ratio	Lower	Upper
164	100		
166	84.7	103.4	155.2#
129	88.0	70.8	106.2
131	67.0	72.5	108.7#

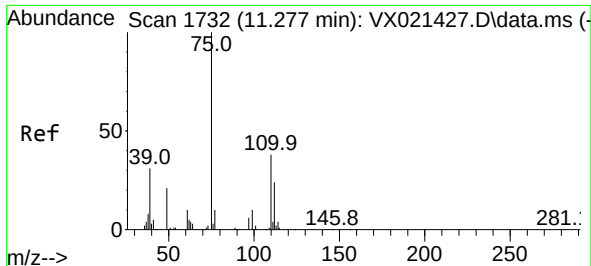


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

Tgt Ion:152 Resp: 42271

Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.1	123.3
150	154.0	0.0	349.0

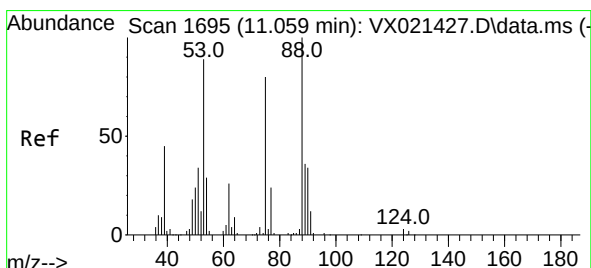
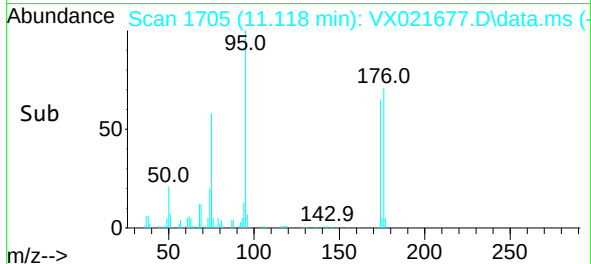
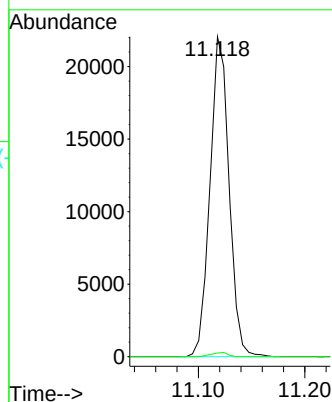
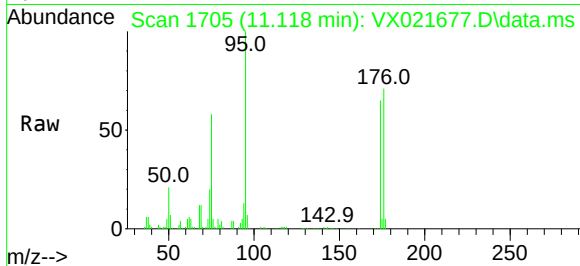




#76
1,2,3-Trichloropropane
Concen: 27.87 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

Tgt Ion: 75 Resp: 27427
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.89 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021677.D
Acq: 31 Mar 2021 12:25

Tgt Ion: 75 Resp: 27427
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

