

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020301.D
 Acq On : 22 Dec 2020 14:19
 Operator : JC/MD
 Sample : L5123-11 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20201213

Quant Time: Dec 23 00:30:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

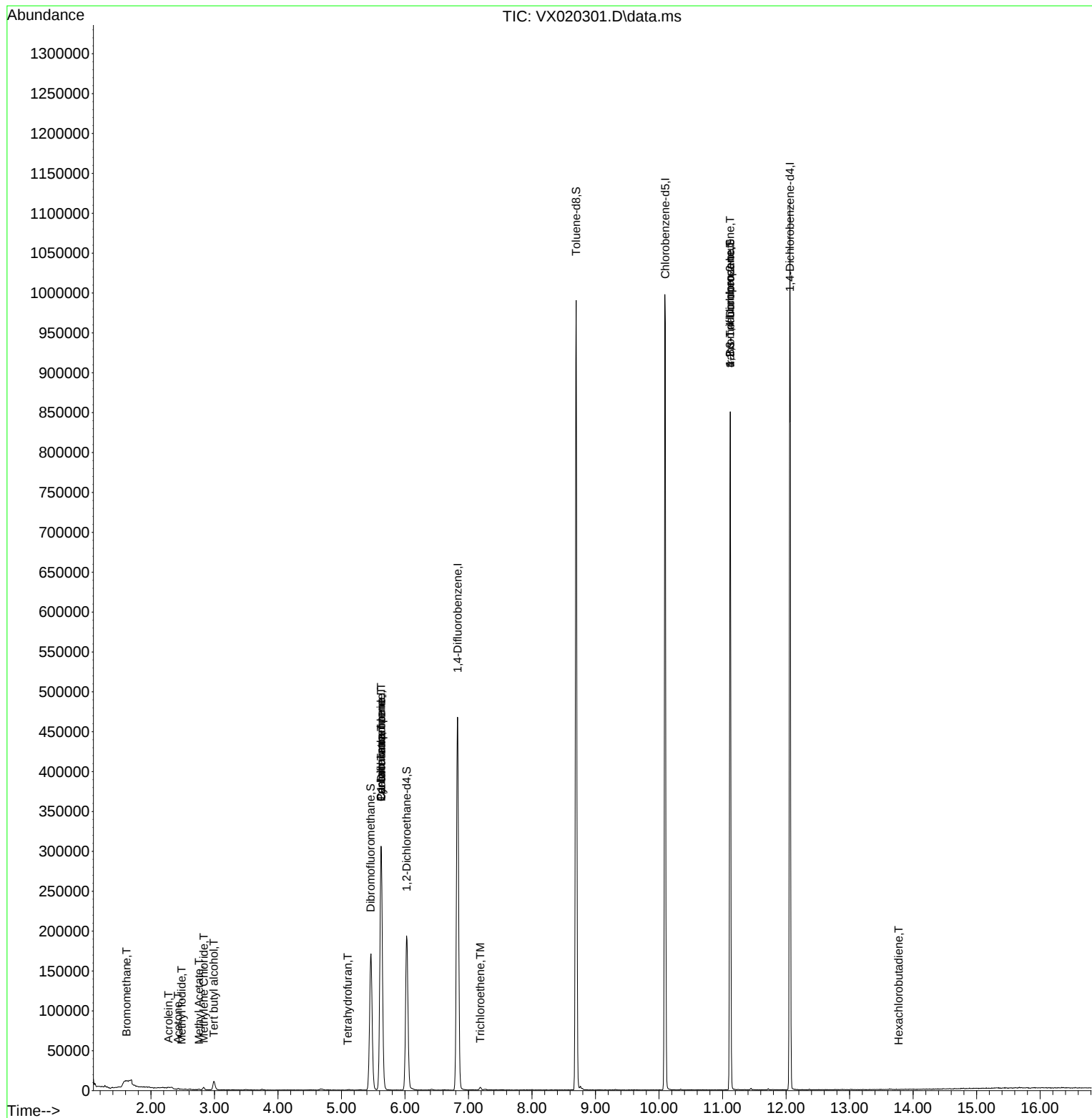
Internal Standards						
1) Pentafluorobenzene	5.623	168	293299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	482696	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	463039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	215711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	186344	47.40	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.80%
35) Dibromofluoromethane	5.458	113	149525	48.42	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.84%
50) Toluene-d8	8.696	98	591910	49.80	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.60%
62) 4-Bromofluorobenzene	11.122	95	236333	51.95	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.90%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	284	0.22	ug/l	83
10) Methyl Iodide	2.483	142	304	3.36	ug/l #	90
11) Tert butyl alcohol	2.989	59	7148	8.12	ug/l #	74
13) Acrolein	2.276	56	134	0.24	ug/l #	52
16) Acetone	2.428	43	764	0.43	ug/l	89
18) Methyl Acetate	2.758	43	1074	0.27	ug/l #	75
20) Methylene Chloride	2.831	84	1315	0.33	ug/l #	84
29) Tetrahydrofuran	5.099	42	479	0.29	ug/l #	31
31) Cyclohexane	5.623	56	5695	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22609	4.74	ug/l #	49
38) Carbon Tetrachloride	5.623	117	29649	6.53	ug/l #	16
44) Trichloroethene	7.184	130	1285	0.33	ug/l	85
76) 1,2,3-Trichloropropane	11.122	75	113246	21.31	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	113246	63.23	ug/l #	12
94) Hexachlorobutadiene	13.774	225	21	2.65	ug/l #	19

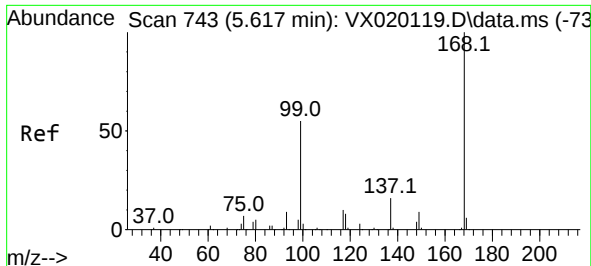
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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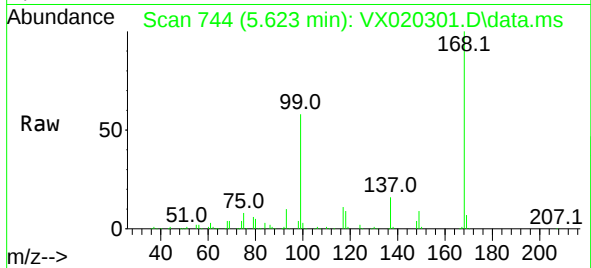
Quant Time: Dec 23 00:30:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



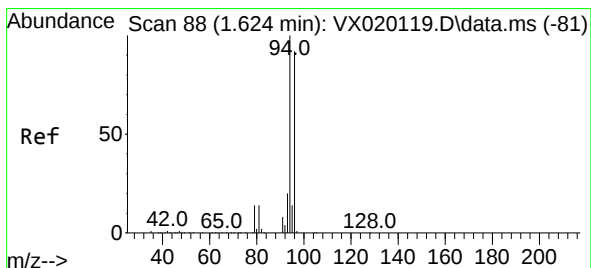
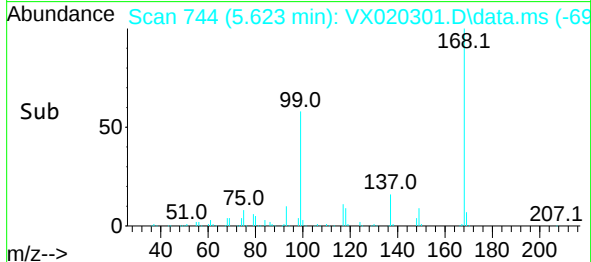
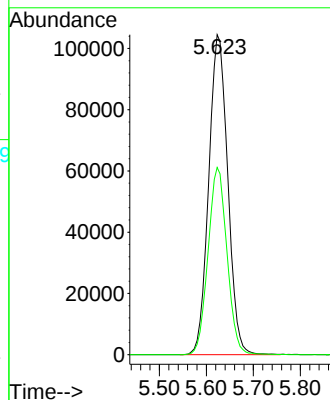


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213

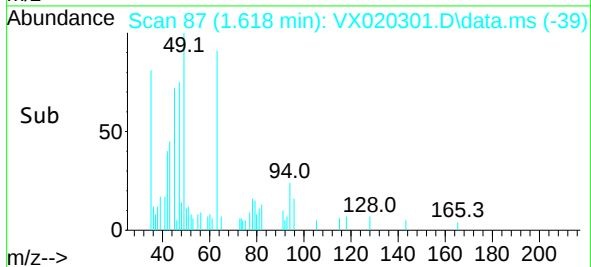
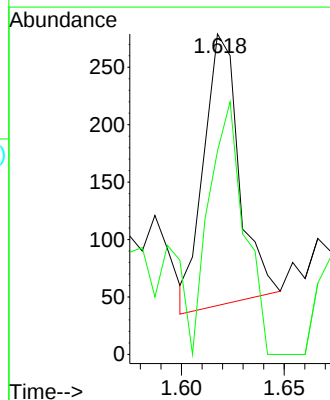
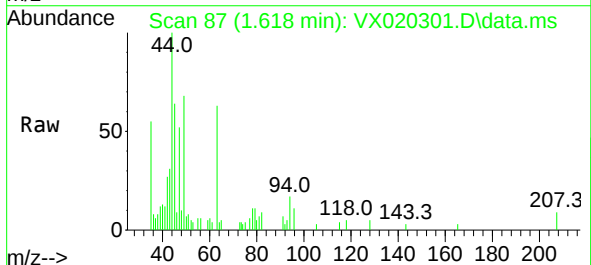


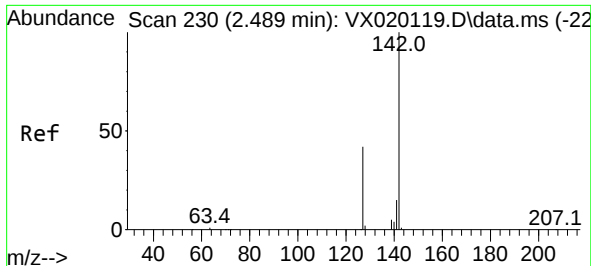
Tgt Ion:168 Resp: 293299
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.6



#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.006 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19

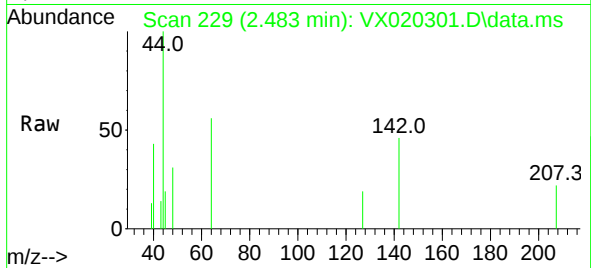
Tgt Ion: 94 Resp: 284
Ion Ratio Lower Upper
94 100
96 79.0 76.4 114.6



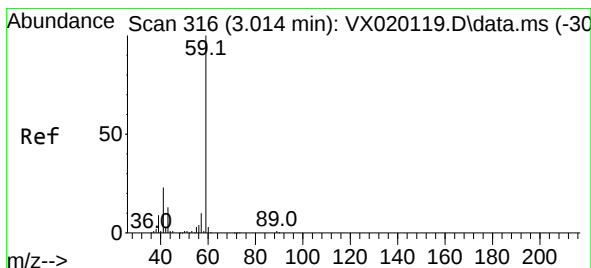
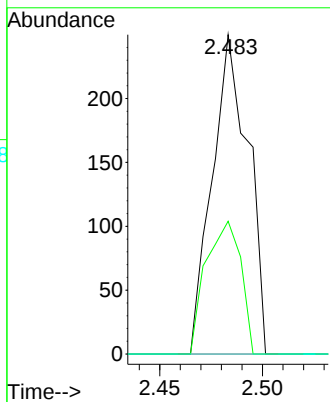
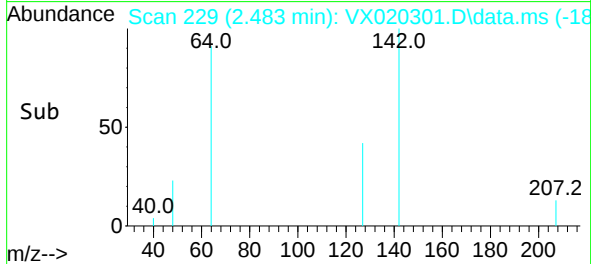


#10
Methyl Iodide
Concen: 3.36 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.006 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19

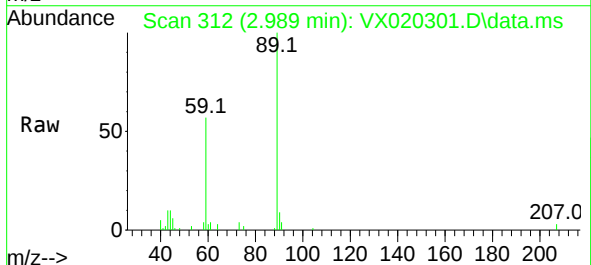
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213



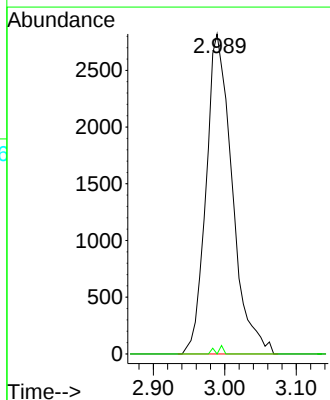
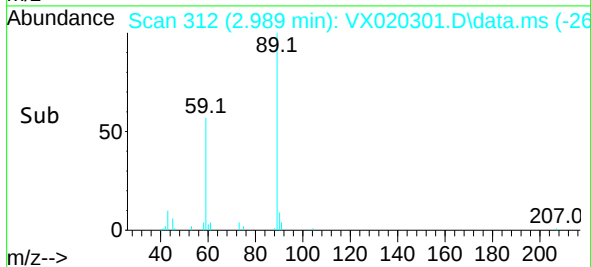
Tgt Ion:142 Resp: 304
Ion Ratio Lower Upper
142 100
127 40.5 33.3 49.9
141 0.0 11.4 17.0#

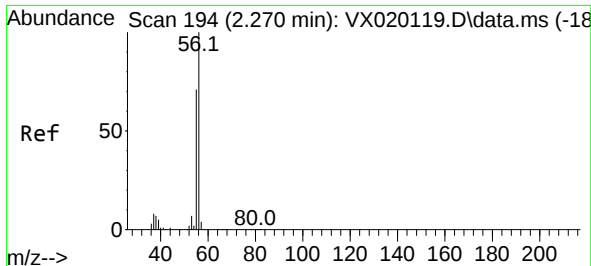


#11
Tert butyl alcohol
Concen: 8.12 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19



Tgt Ion: 59 Resp: 7148
Ion Ratio Lower Upper
59 100
57 0.3 7.8 11.8#

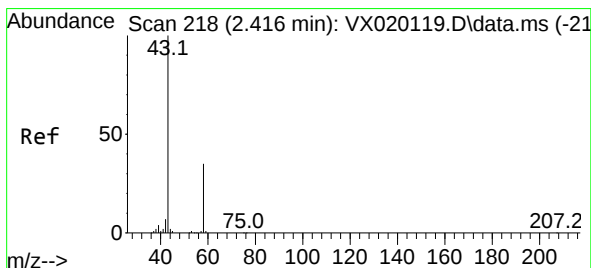
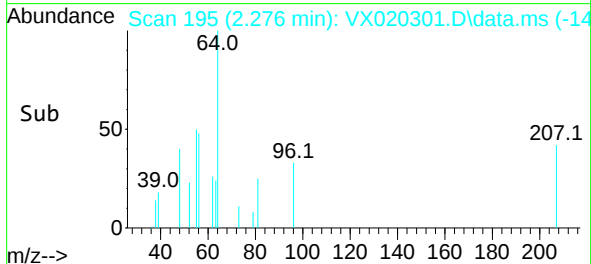
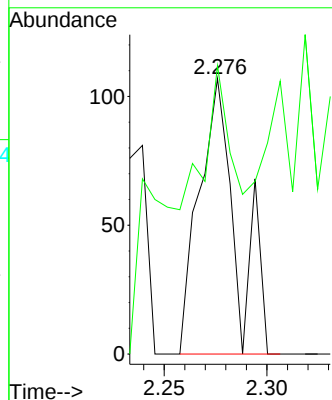
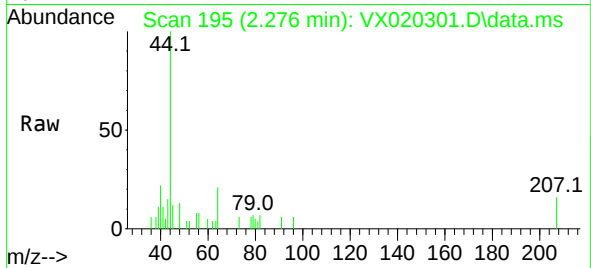




#13
Acrolein
Concen: 0.24 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19

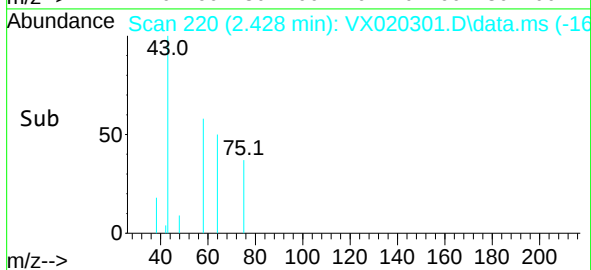
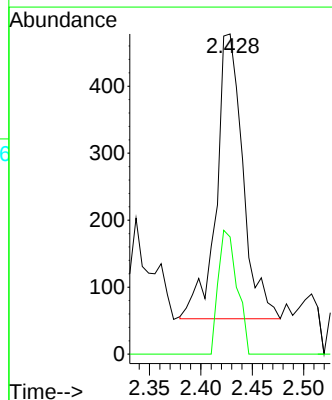
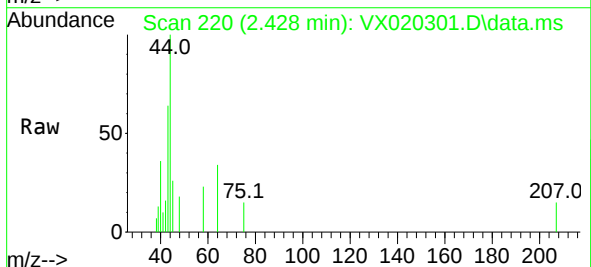
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213

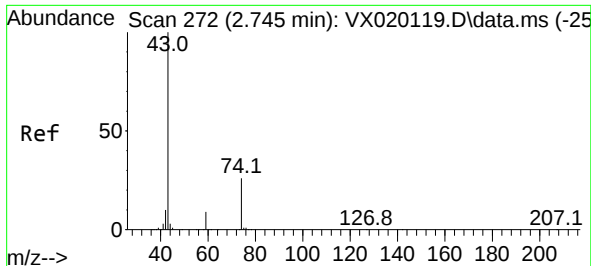
Tgt Ion: 56 Resp: 134
Ion Ratio Lower Upper
56 100
55 30.6 56.4 84.6#



#16
Acetone
Concen: 0.43 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.012 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19

Tgt Ion: 43 Resp: 764
Ion Ratio Lower Upper
43 100
58 41.2 27.8 41.8





#18

Methyl Acetate

Concen: 0.27 ug/l

RT: 2.758 min Scan# 274

Delta R.T. 0.013 min

Lab File: VX020301.D

Acq: 22 Dec 2020 14:19

Instrument :

MSVOA_X

ClientSampleId :

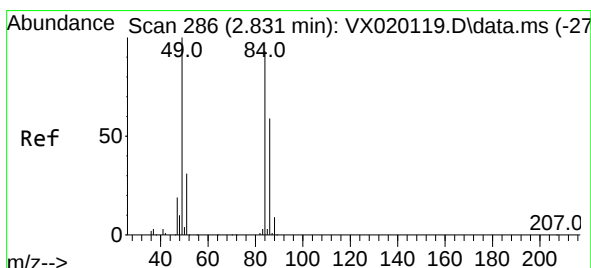
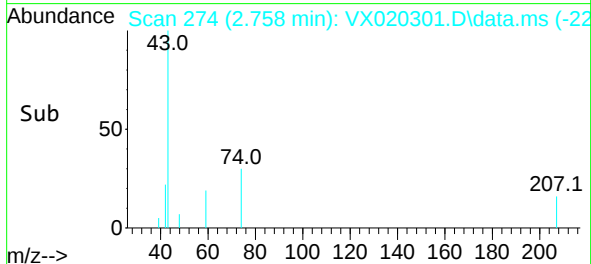
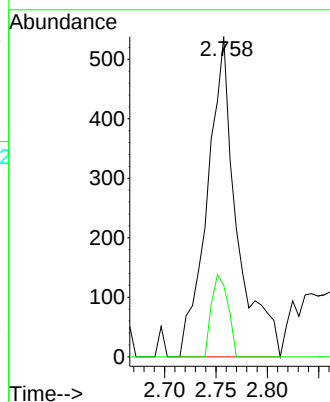
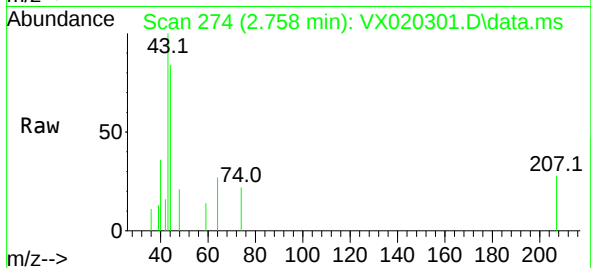
DUP06-20201213

Tgt Ion: 43 Resp: 1074

Ion Ratio Lower Upper

43 100

74 14.2 21.9 32.9#



#20

Methylene Chloride

Concen: 0.33 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.000 min

Lab File: VX020301.D

Acq: 22 Dec 2020 14:19

Tgt Ion: 84 Resp: 1315

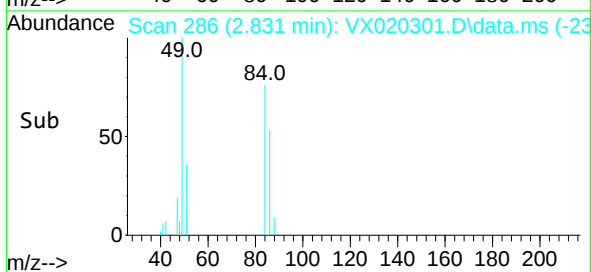
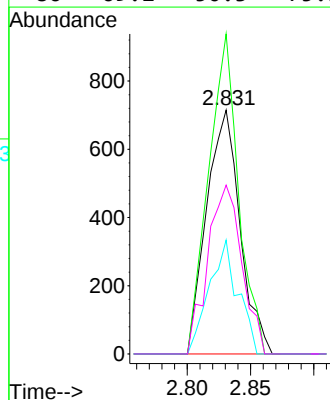
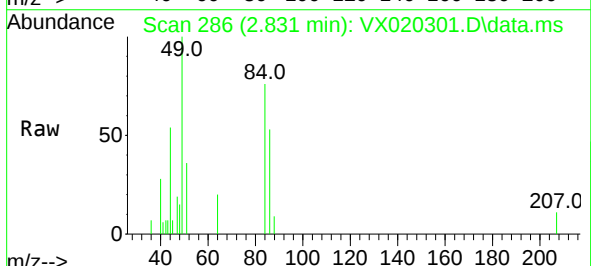
Ion Ratio Lower Upper

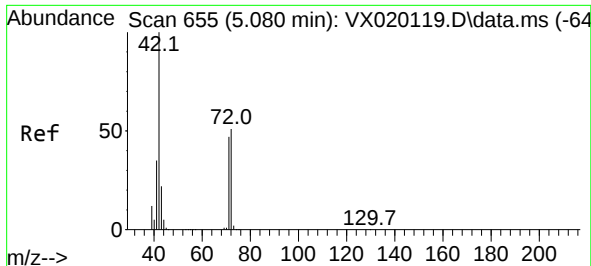
84 100

49 131.2 88.6 132.8

51 46.7 27.0 40.6#

86 69.2 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.29 ug/l

RT: 5.099 min Scan# 658

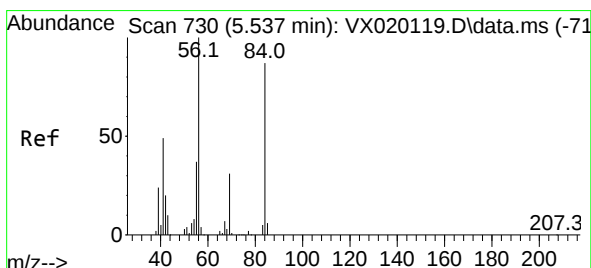
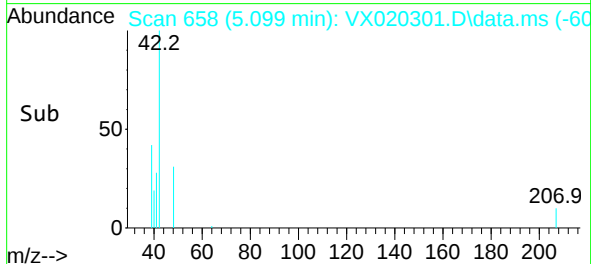
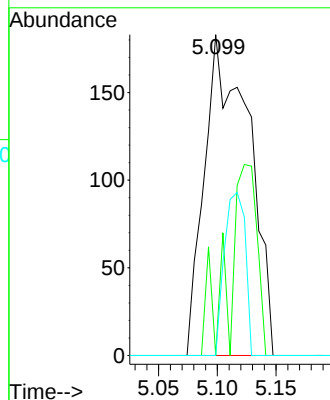
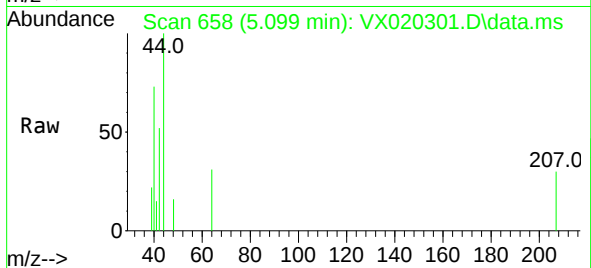
Delta R.T. 0.019 min

Lab File: VX020301.D

Acq: 22 Dec 2020 14:19

Tgt Ion:	42	Resp:	479
Ion	Ratio	Lower	Upper
42	100		
72	4.8	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213



#31

Cyclohexane

Concen: 1.05 ug/l

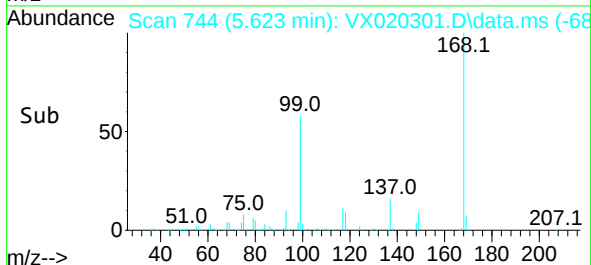
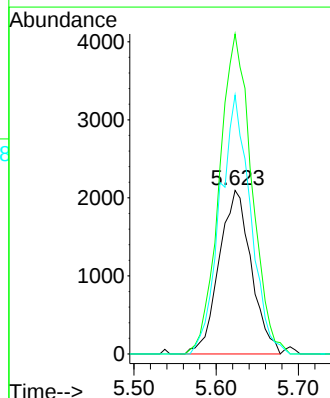
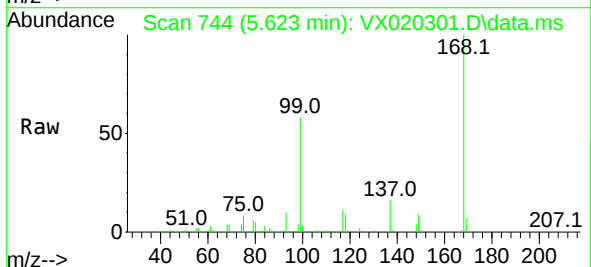
RT: 5.623 min Scan# 744

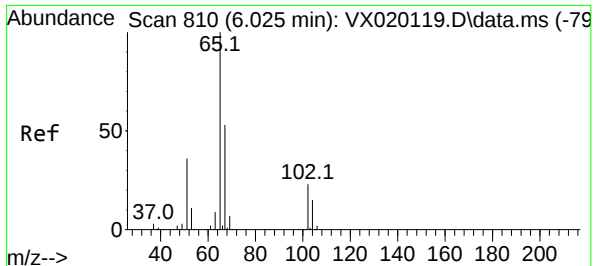
Delta R.T. 0.086 min

Lab File: VX020301.D

Acq: 22 Dec 2020 14:19

Tgt Ion:	56	Resp:	5695
Ion	Ratio	Lower	Upper
56	100		
69	195.6	25.3	37.9#
84	158.2	71.4	107.0#

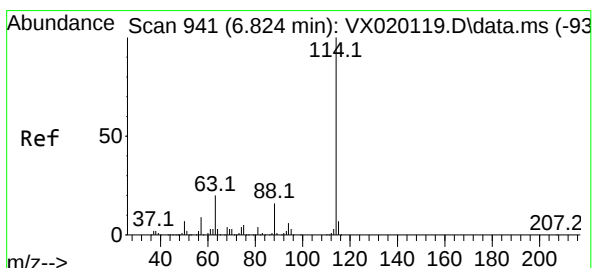
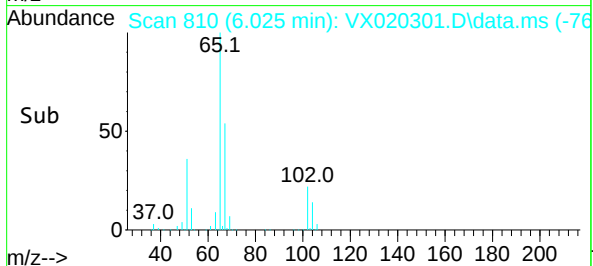
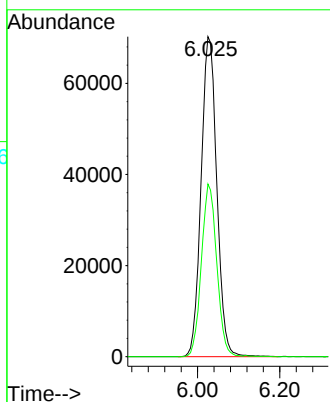
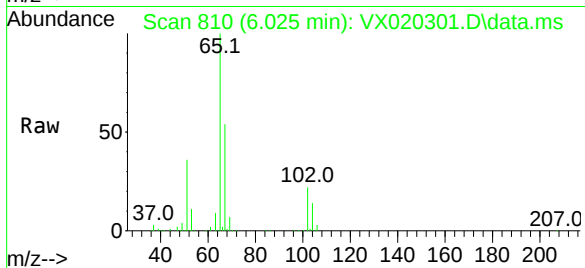




#33
1,2-Dichloroethane-d4
Concen: 47.40 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19

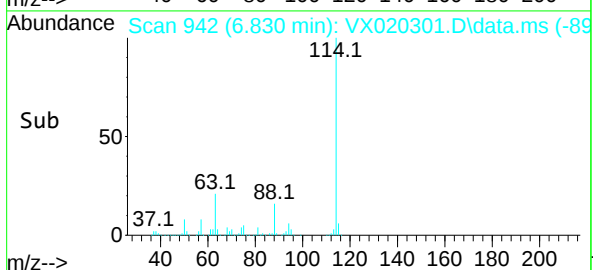
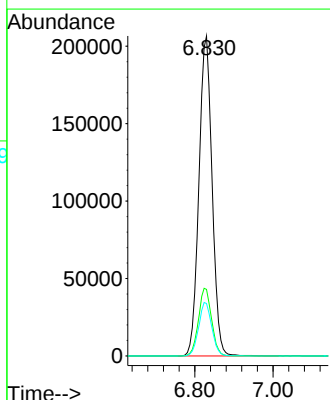
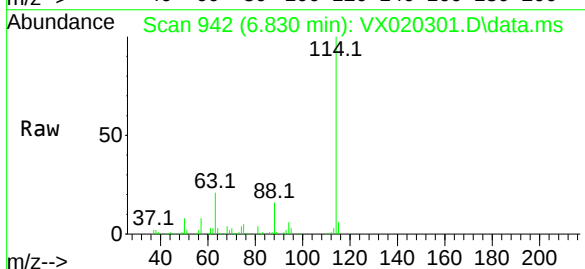
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213

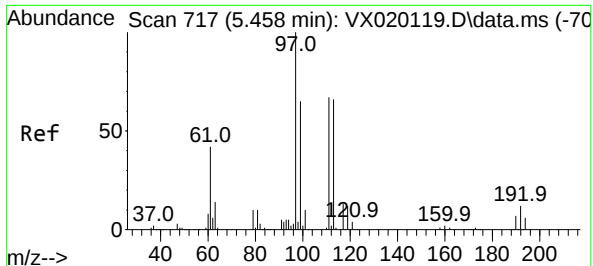
Tgt Ion: 65 Resp: 186344
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19

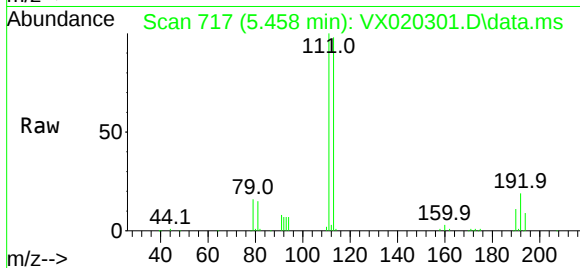
Tgt Ion: 114 Resp: 482696
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.4 0.0 32.8



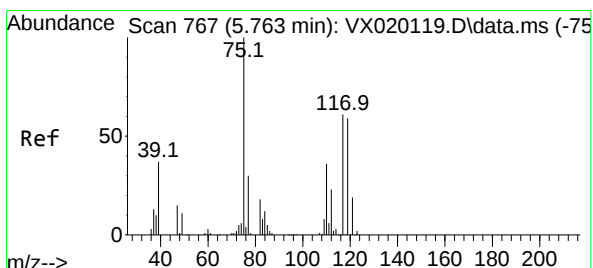
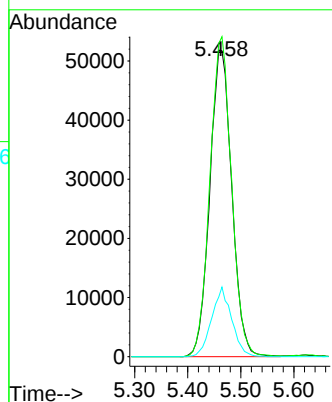
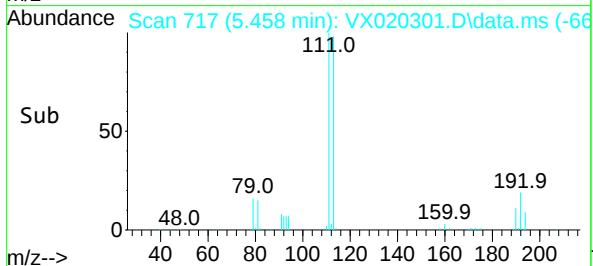


#35
Dibromofluoromethane
Concen: 48.42 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19

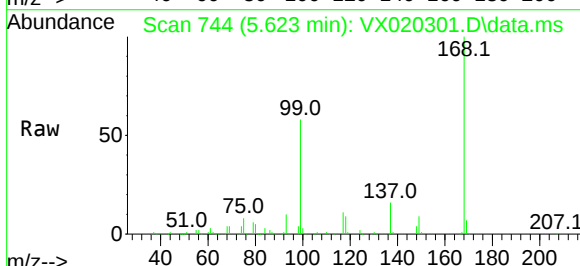
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213



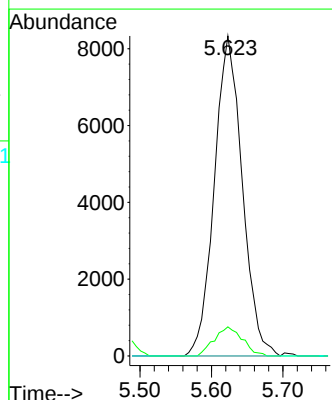
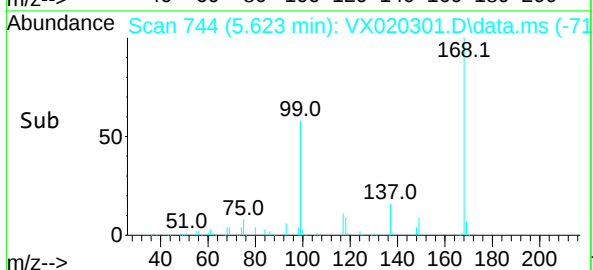
Tgt Ion:113 Resp: 149525
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 20.7 16.7 25.1

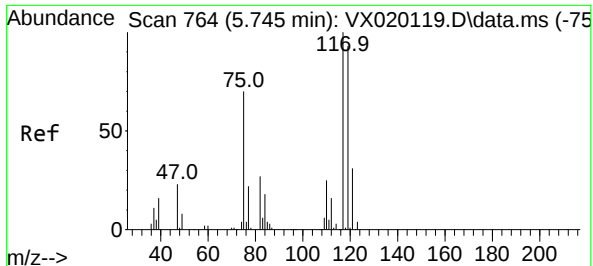


#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19



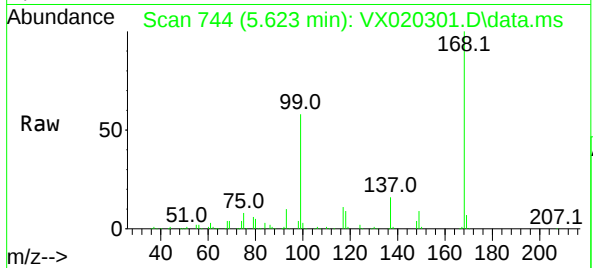
Tgt Ion: 75 Resp: 22609
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



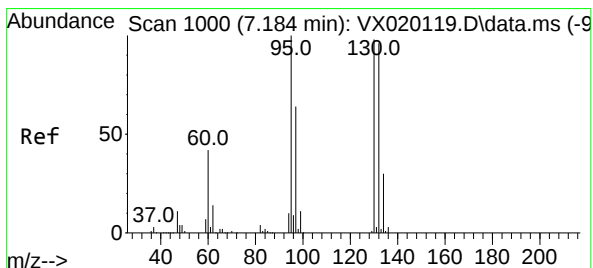
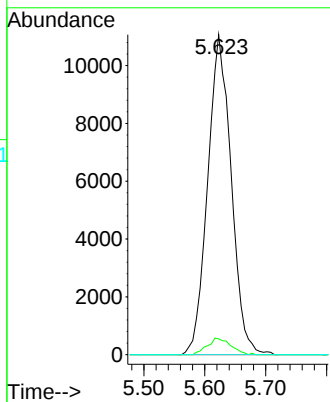
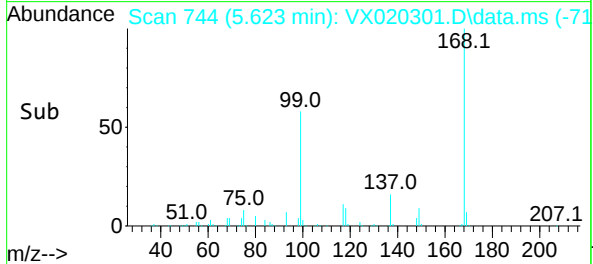


#38
Carbon Tetrachloride
Concen: 6.53 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19

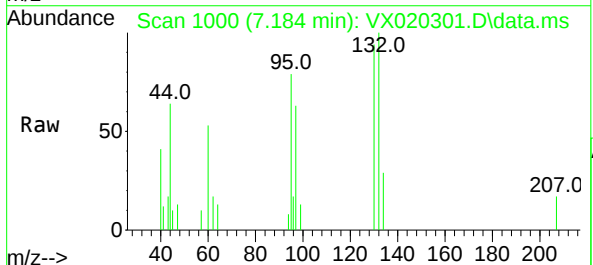
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213



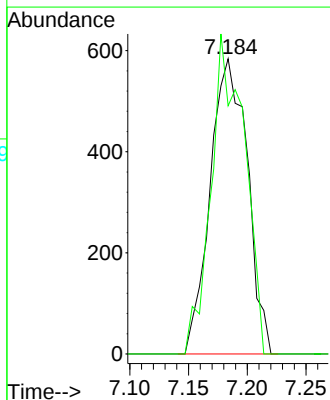
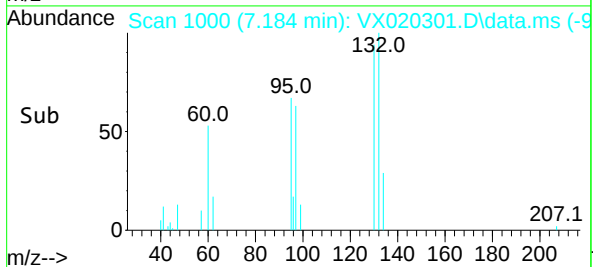
Tgt Ion:117 Resp: 29649
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#

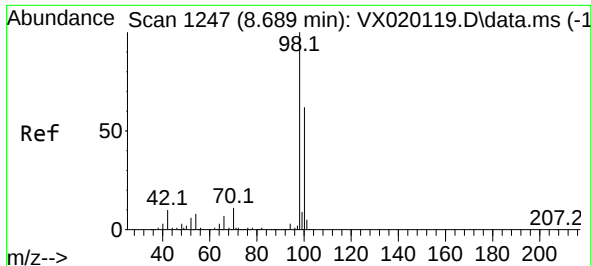


#44
Trichloroethene
Concen: 0.33 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19



Tgt Ion:130 Resp: 1285
Ion Ratio Lower Upper
130 100
95 84.1 0.0 198.0

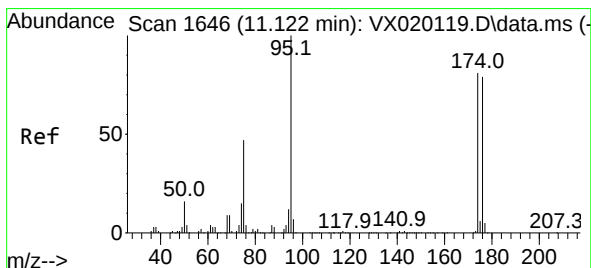
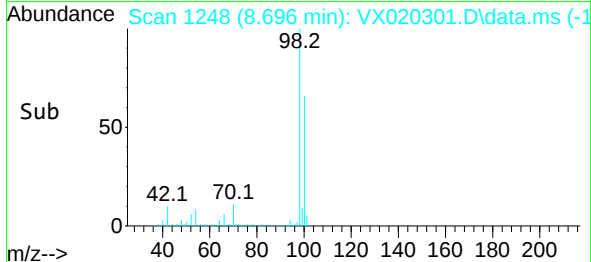
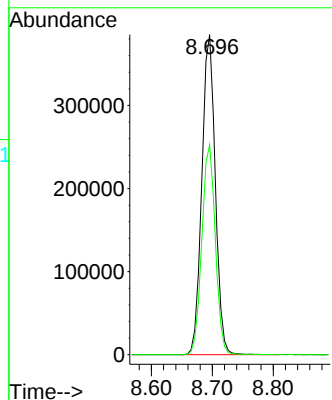
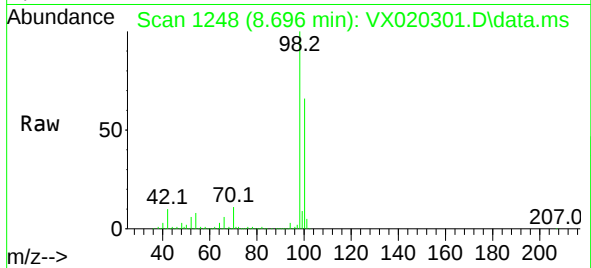




#50
Toluene-d8
Concen: 49.80 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19

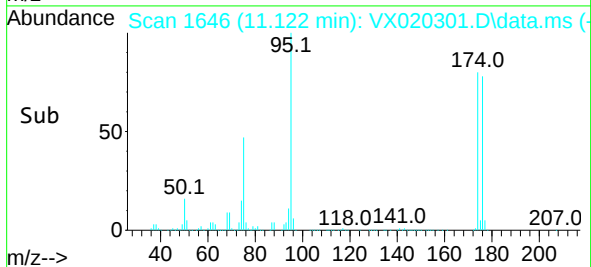
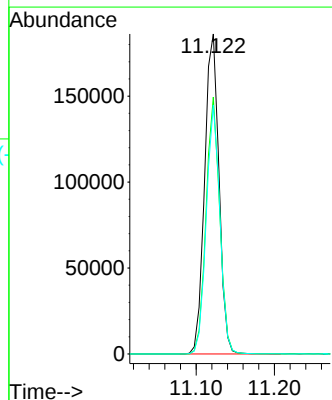
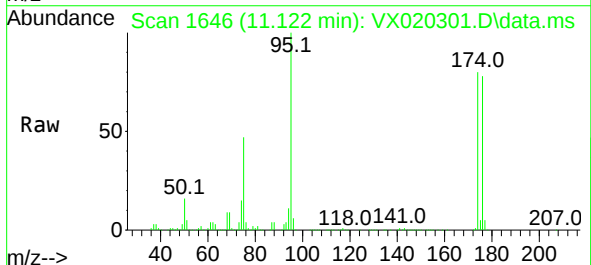
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213

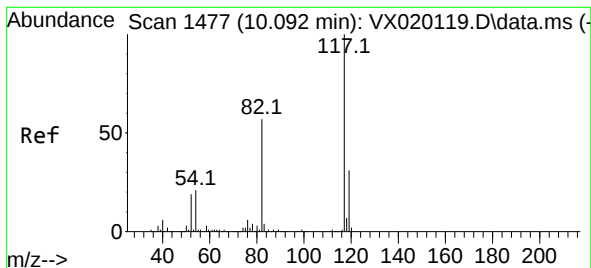
Tgt Ion: 98 Resp: 591910
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.95 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19

Tgt Ion: 95 Resp: 236333
Ion Ratio Lower Upper
95 100
174 76.4 0.0 154.6
176 73.8 0.0 155.8

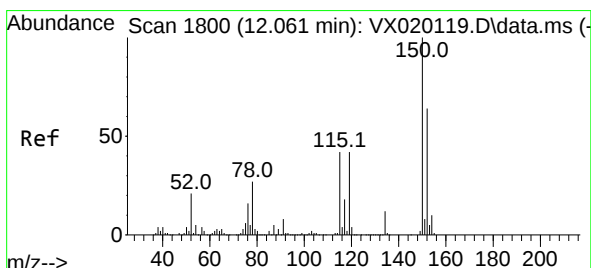
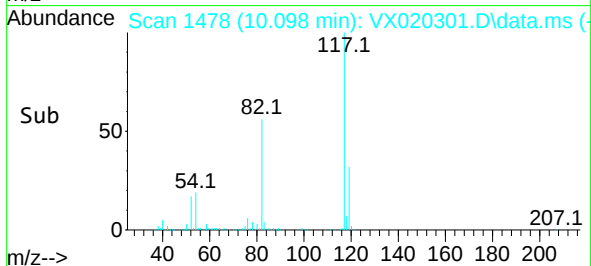
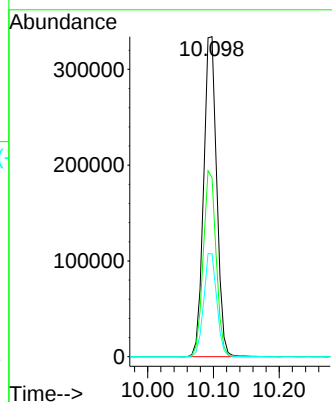
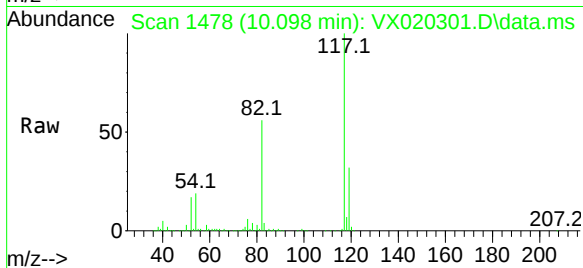




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19

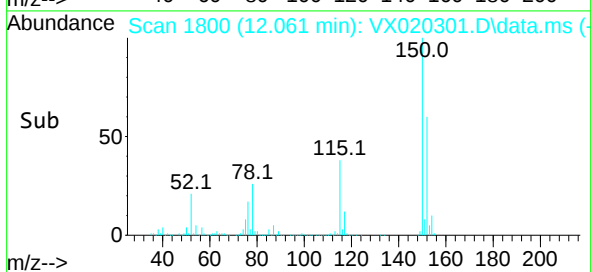
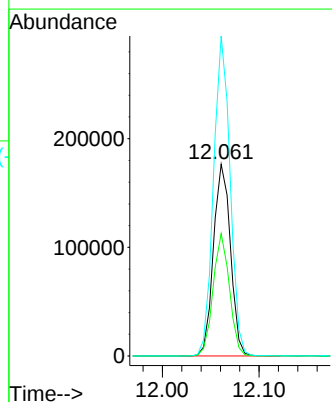
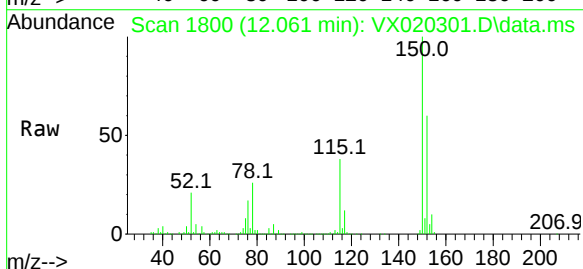
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213

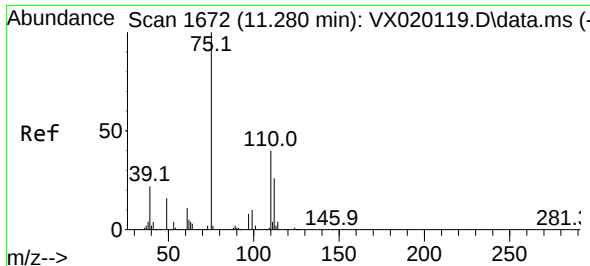
Tgt Ion:117 Resp: 463039
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19

Tgt Ion:152 Resp: 215711
Ion Ratio Lower Upper
152 100
115 61.2 41.1 123.3
150 162.5 0.0 349.0

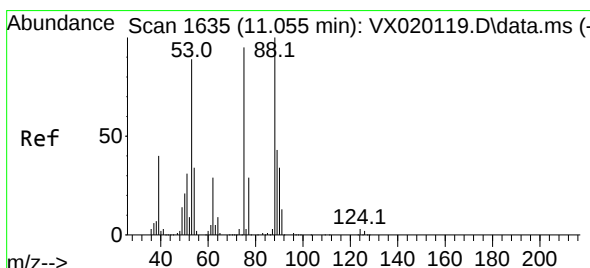
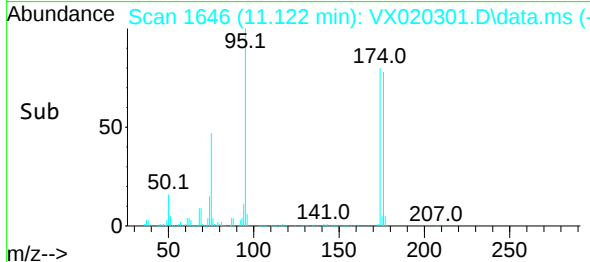
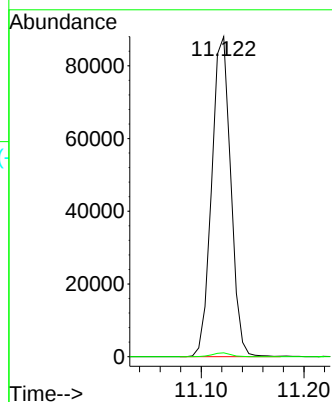
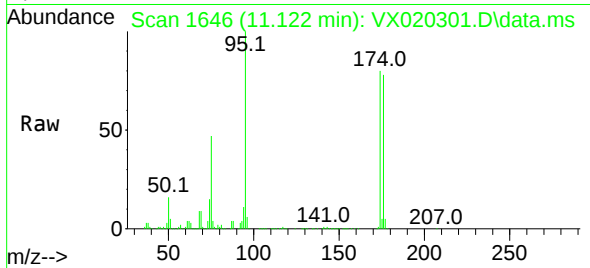




#76
1,2,3-Trichloropropane
Concen: 21.31 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19

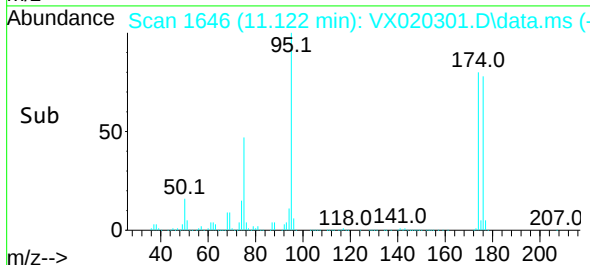
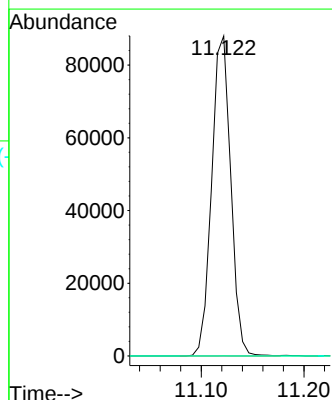
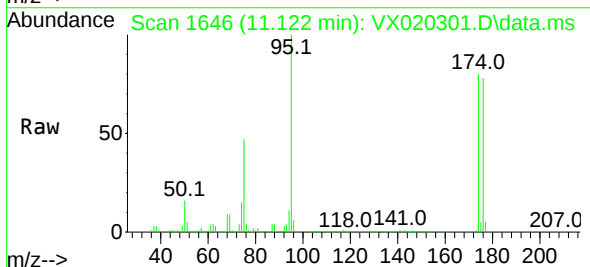
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213

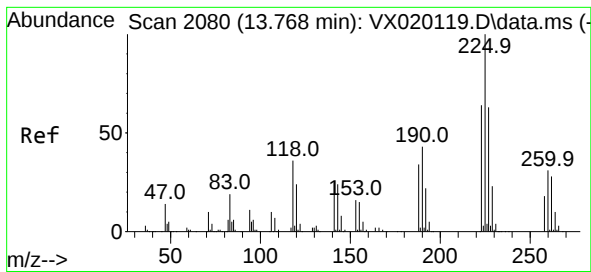
Tgt Ion: 75 Resp: 113246
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.23 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020301.D
Acq: 22 Dec 2020 14:19

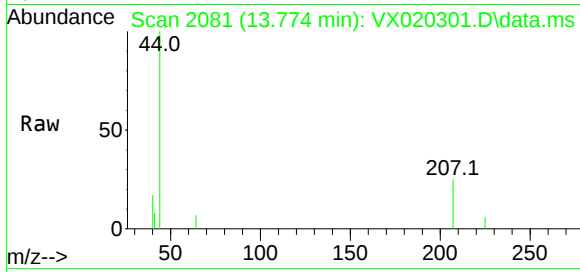
Tgt Ion: 75 Resp: 113246
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 2.65 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. 0.006 min
 Lab File: VX020301.D
 Acq: 22 Dec 2020 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20201213



Tgt Ion:225 Resp: 21
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.1 93.2#
 227 0.0 31.6 95.0#

