

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020300.D
 Acq On : 22 Dec 2020 13:56
 Operator : JC/MD
 Sample : L5123-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20201211DL

Quant Time: Dec 23 00:30:14 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)

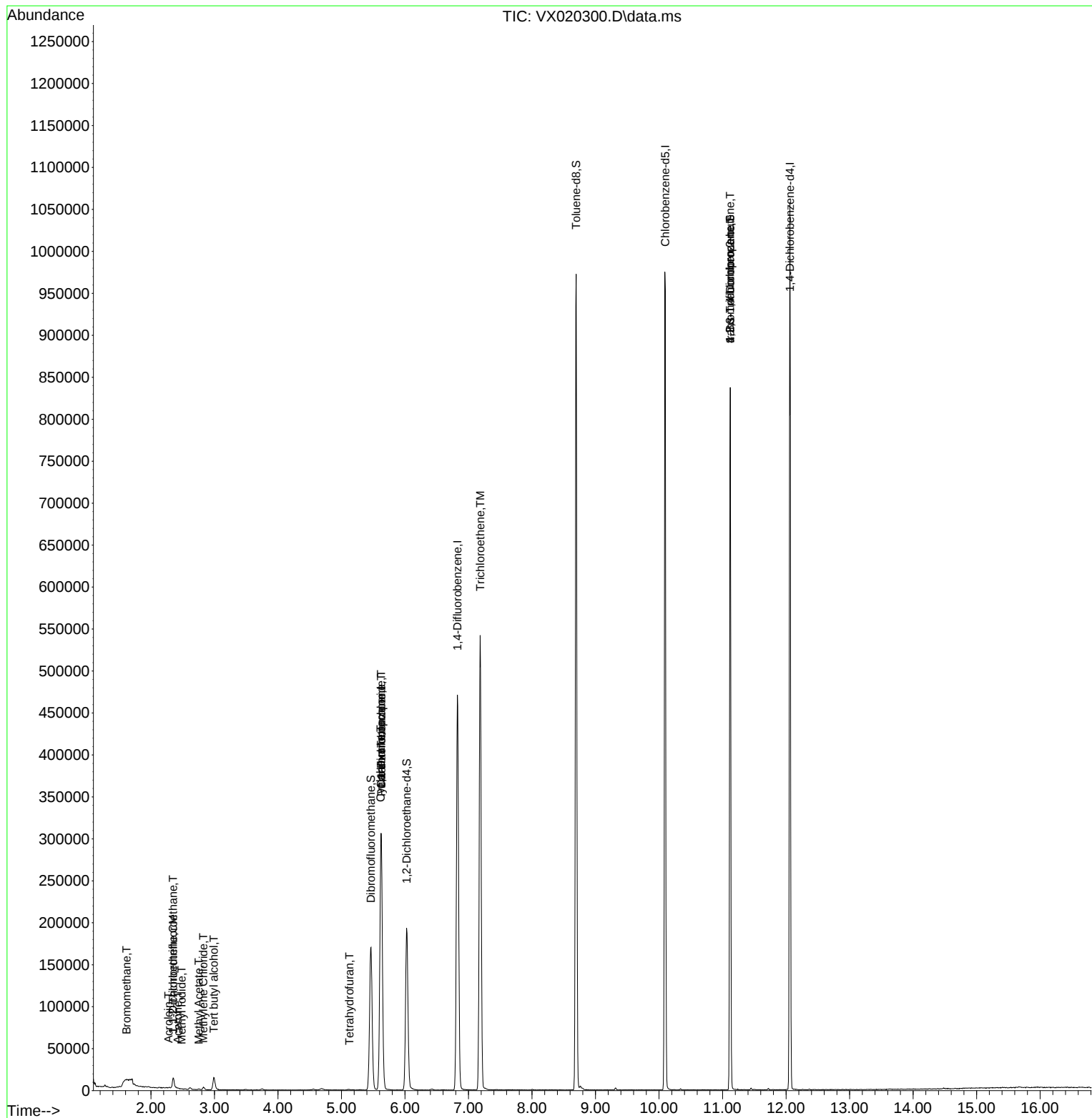
Internal Standards						
1) Pentafluorobenzene	5.629	168	294748	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.824	114	483802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	461655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	212468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	186962	47.32	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.64%
35) Dibromofluoromethane	5.464	113	150019	48.47	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.94%
50) Toluene-d8	8.696	98	587687	49.33	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.66%
62) 4-Bromofluorobenzene	11.122	95	231760	50.83	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.66%
Target Compounds						Qvalue
5) Bromomethane	1.618	94	756	0.58	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.349	101	3459	1.18	ug/l	99
10) Methyl Iodide	2.483	142	592	3.43	ug/l #	82
11) Tert butyl alcohol	2.989	59	9625	10.88	ug/l #	74
12) 1,1-Dichloroethene	2.349	96	1063	0.35	ug/l	92
13) Acrolein	2.276	56	155	0.28	ug/l #	50
16) Acetone	2.422	43	936	0.52	ug/l	94
18) Methyl Acetate	2.752	43	1136	0.28	ug/l #	84
20) Methylene Chloride	2.825	84	1515	0.37	ug/l #	96
29) Tetrahydrofuran	5.123	42	753	0.46	ug/l #	68
31) Cyclohexane	5.617	56	6024	1.11	ug/l #	12
36) 1,1-Dichloropropene	5.623	75	23100	4.83	ug/l #	48
38) Carbon Tetrachloride	5.623	117	28916	6.36	ug/l #	16
44) Trichloroethene	7.184	130	213791	55.57	ug/l	95
76) 1,2,3-Trichloropropane	11.122	75	109787	20.98	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	109787	62.23	ug/l #	12

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

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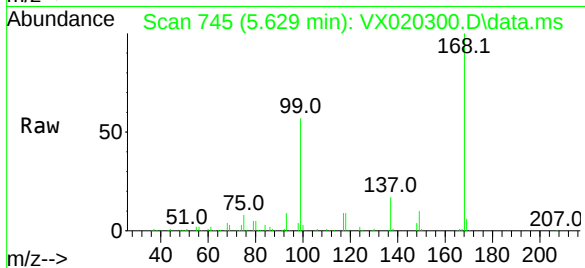
Quant Time: Dec 23 00:30:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
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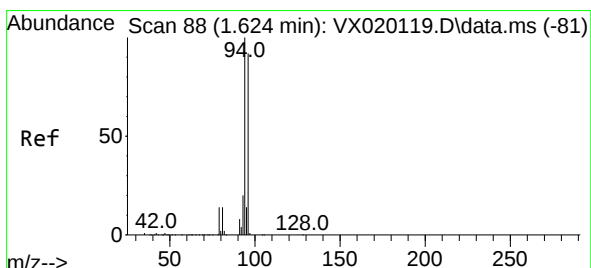
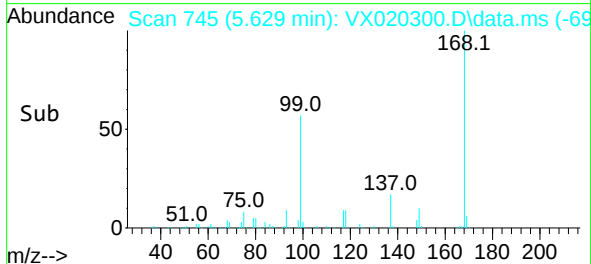
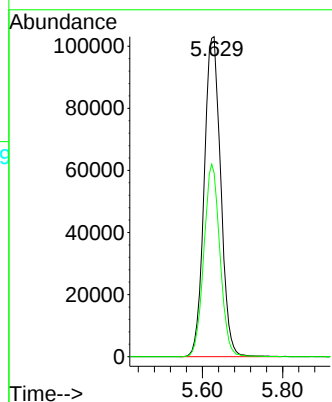


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211DL

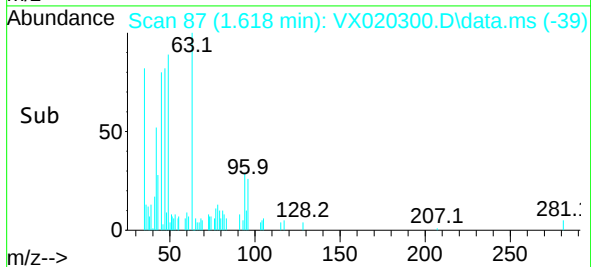
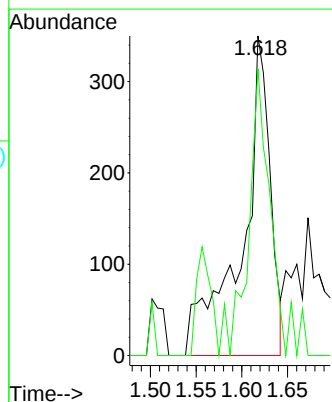
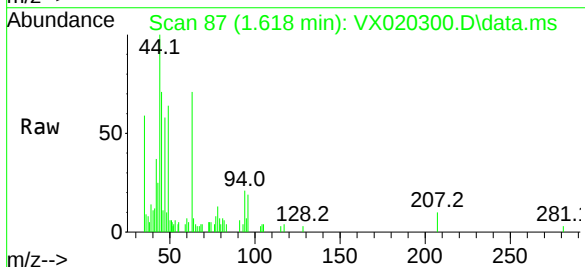


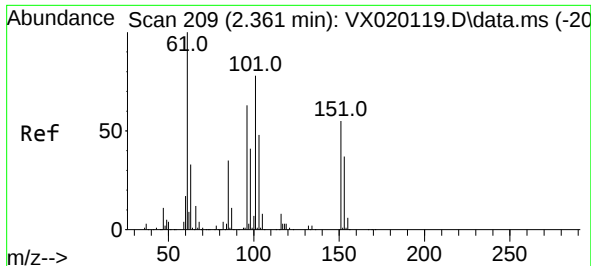
Tgt Ion:168 Resp: 294748
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.6



#5
Bromomethane
Concen: 0.58 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.006 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

Tgt Ion: 94 Resp: 756
Ion Ratio Lower Upper
94 100
96 89.7 76.4 114.6

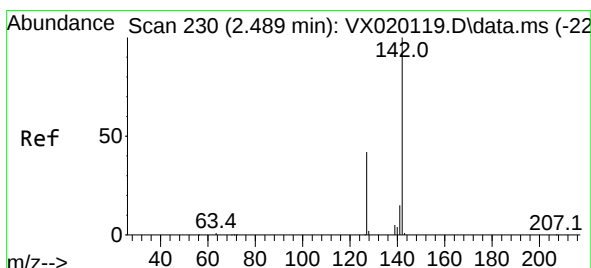
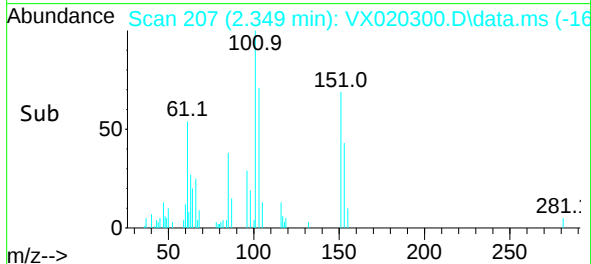
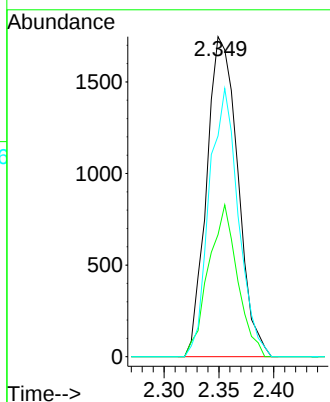
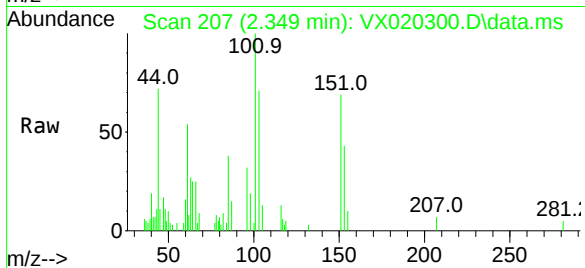




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.18 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.012 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

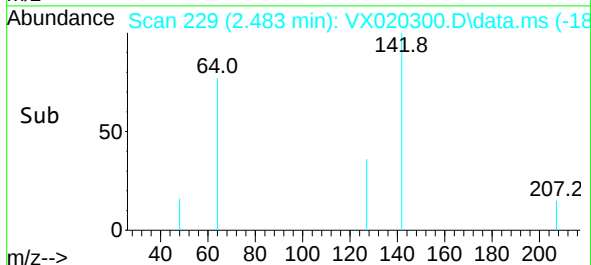
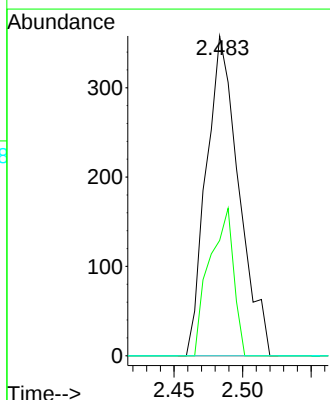
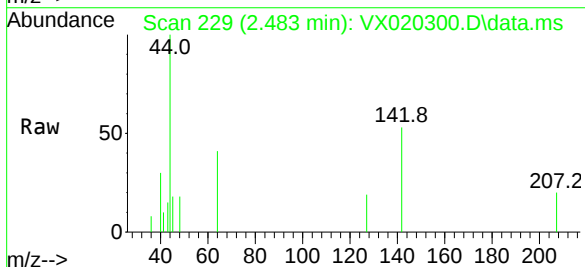
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211DL

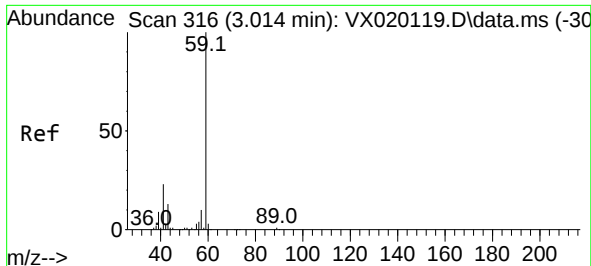
Tgt Ion:	101	Resp:	3459
Ion	Ratio	Lower	Upper
101	100		
85	44.1	34.9	52.3
151	78.3	61.4	92.2



#10
Methyl Iodide
Concen: 3.43 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.006 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

Tgt Ion:	142	Resp:	592
Ion	Ratio	Lower	Upper
142	100		
127	34.3	33.3	49.9
141	0.0	11.4	17.0

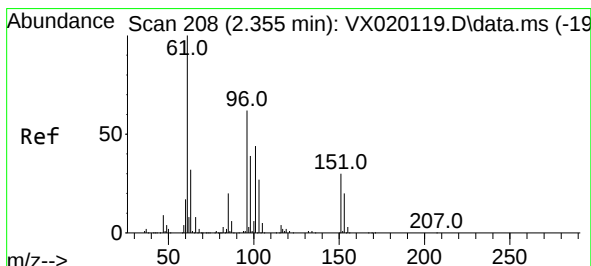
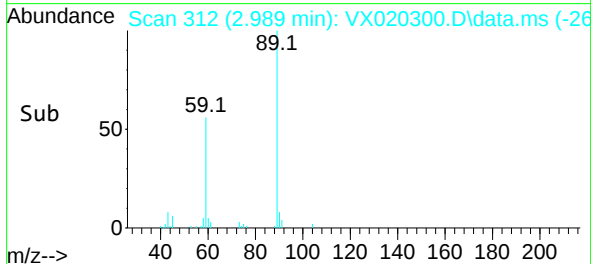
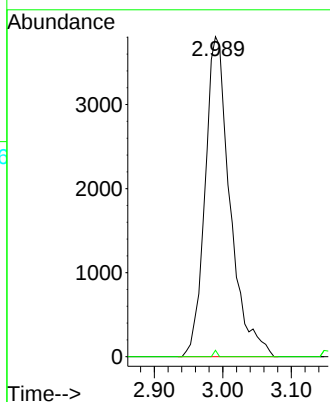
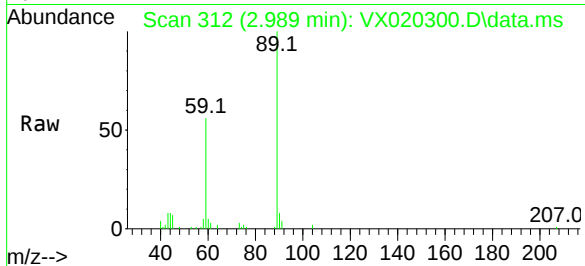




#11
Tert butyl alcohol
Concen: 10.88 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

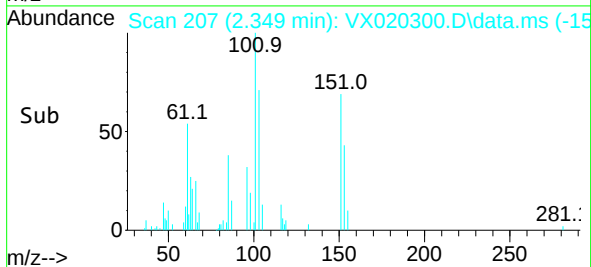
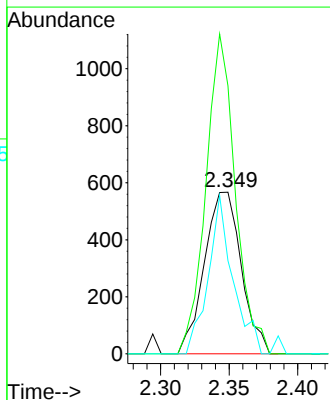
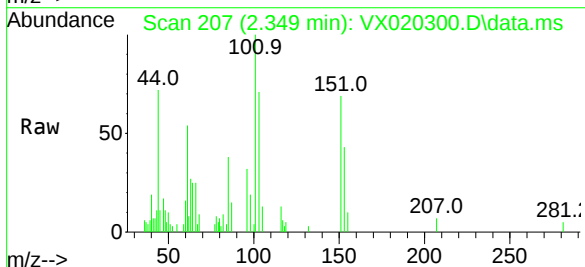
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211DL

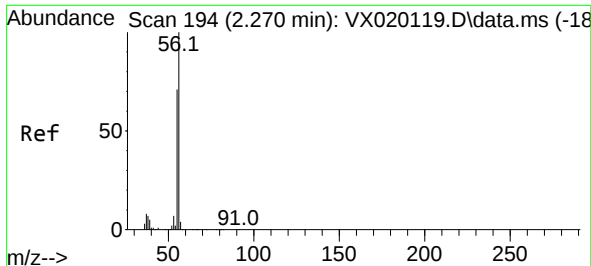
Tgt Ion: 59 Resp: 9625
Ion Ratio Lower Upper
59 100
57 0.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.35 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

Tgt Ion: 96 Resp: 1063
Ion Ratio Lower Upper
96 100
61 165.8 124.6 187.0
98 57.7 50.6 76.0

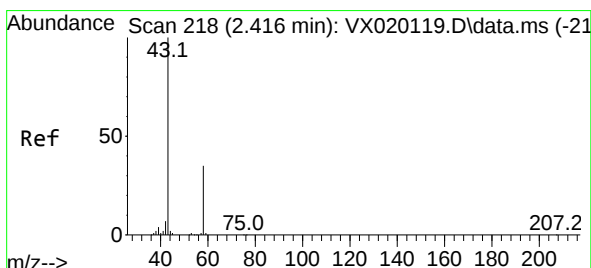
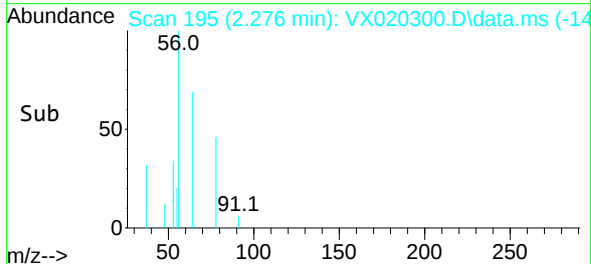
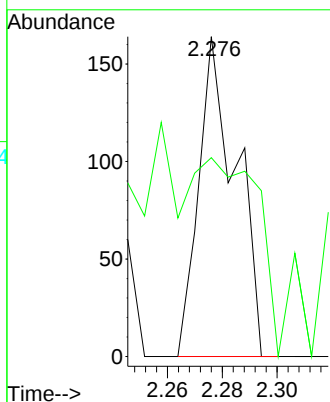
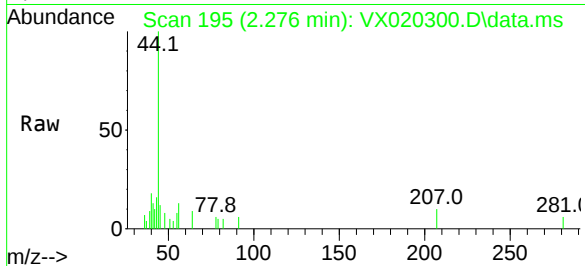




#13
Acrolein
Concen: 0.28 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

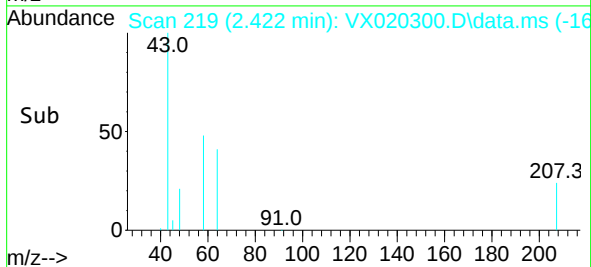
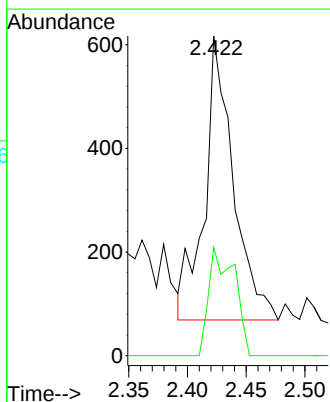
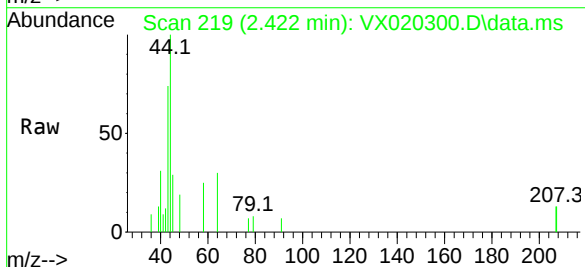
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211DL

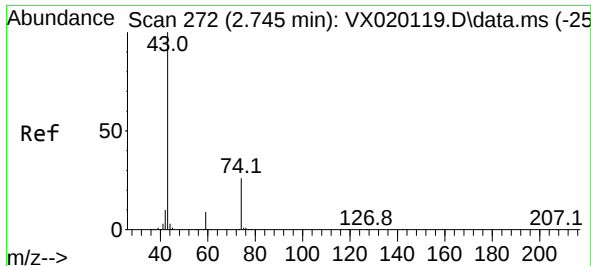
Tgt Ion: 56 Resp: 155
Ion Ratio Lower Upper
56 100
55 29.7 56.4 84.6#



#16
Acetone
Concen: 0.52 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

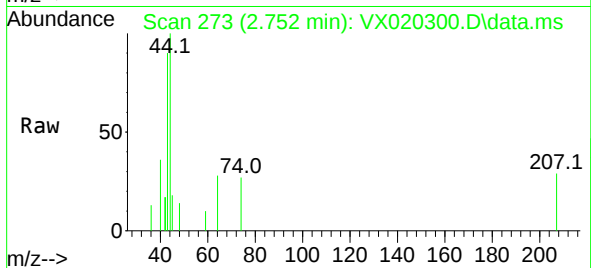
Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
58 38.1 27.8 41.8



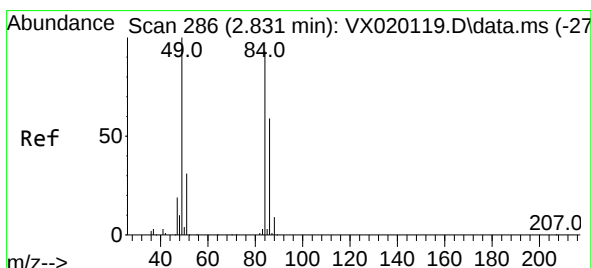
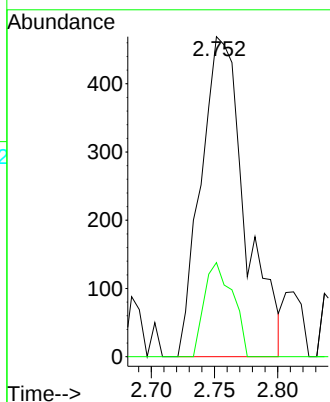
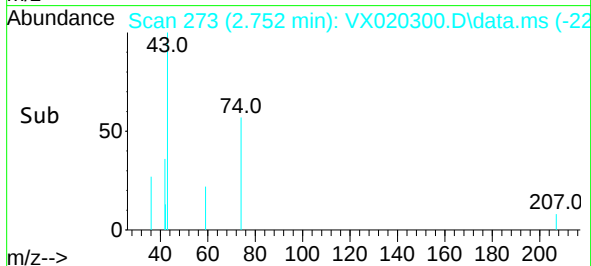


#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

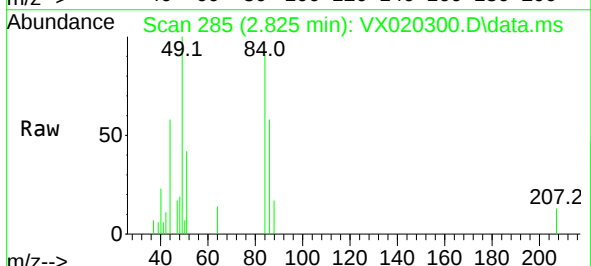
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211DL



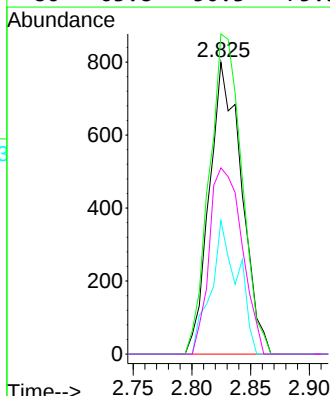
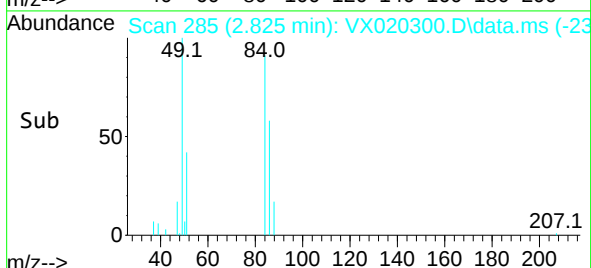
Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
74 18.9 21.9 32.9#

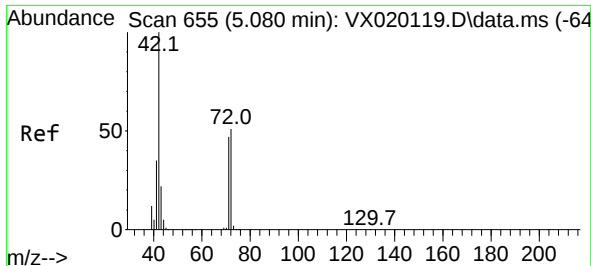


#20
Methylene Chloride
Concen: 0.37 ug/l
RT: 2.825 min Scan# 285
Delta R.T. -0.006 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56



Tgt Ion: 84 Resp: 1515
Ion Ratio Lower Upper
84 100
49 109.8 88.6 132.8
51 45.8 27.0 40.6#
86 63.8 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.46 ug/l

RT: 5.123 min Scan# 662

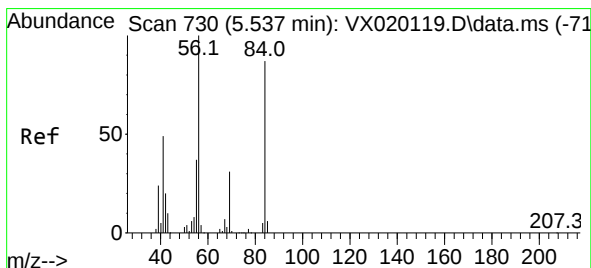
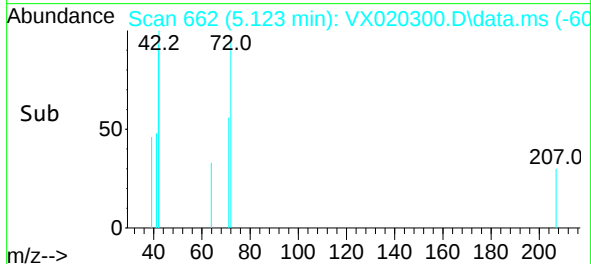
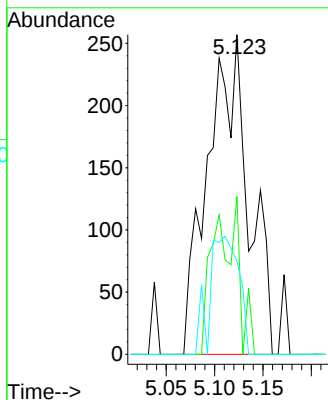
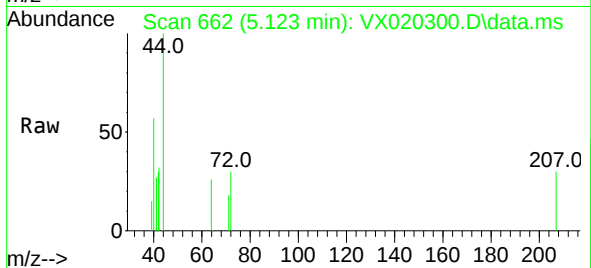
Delta R.T. 0.043 min

Lab File: VX020300.D

Acq: 22 Dec 2020 13:56

Tgt Ion:	42	Resp:	753
Ion	Ratio	Lower	Upper
42	100		
72	29.5	41.7	62.5#
71	26.6	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211DL



#31

Cyclohexane

Concen: 1.11 ug/l

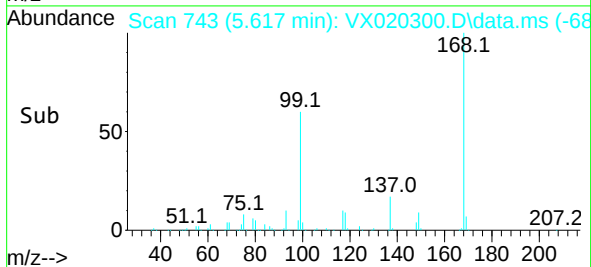
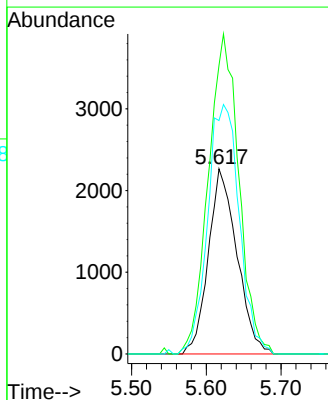
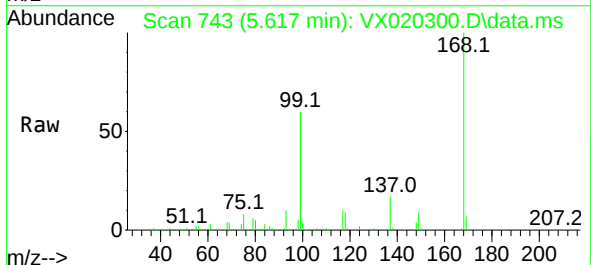
RT: 5.617 min Scan# 743

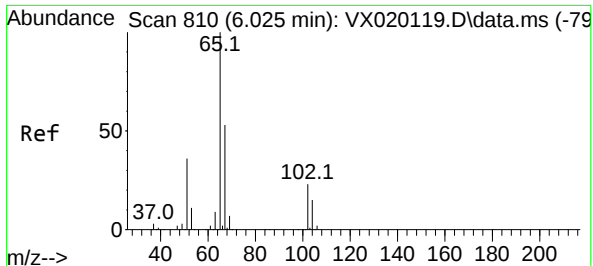
Delta R.T. 0.080 min

Lab File: VX020300.D

Acq: 22 Dec 2020 13:56

Tgt Ion:	56	Resp:	6024
Ion	Ratio	Lower	Upper
56	100		
69	156.0	25.3	37.9#
84	126.2	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 47.32 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020300.D

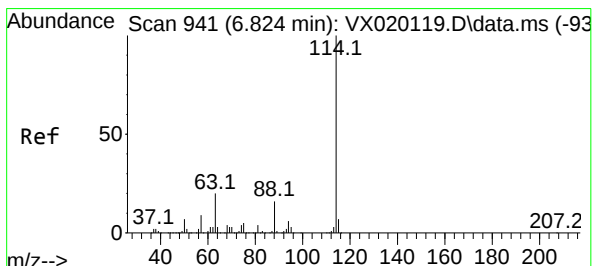
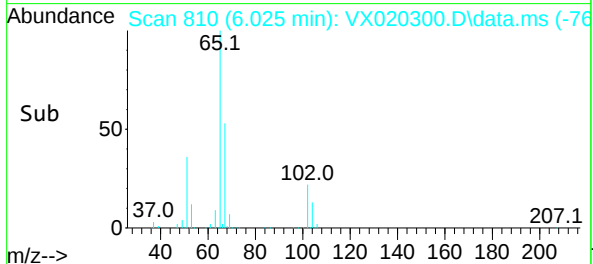
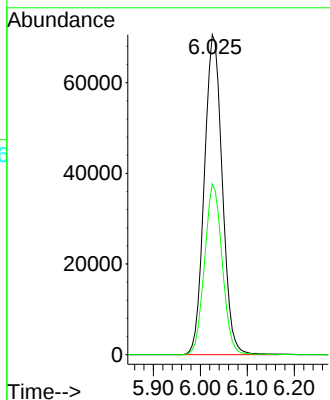
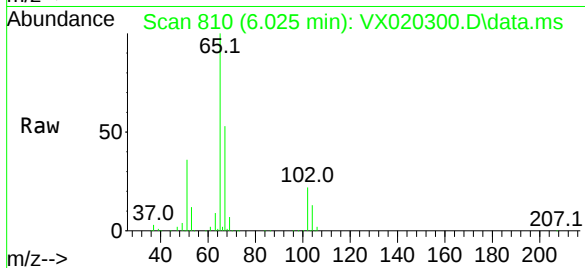
Acq: 22 Dec 2020 13:56

Tgt Ion: 65 Resp: 186962

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. -0.000 min

Lab File: VX020300.D

Acq: 22 Dec 2020 13:56

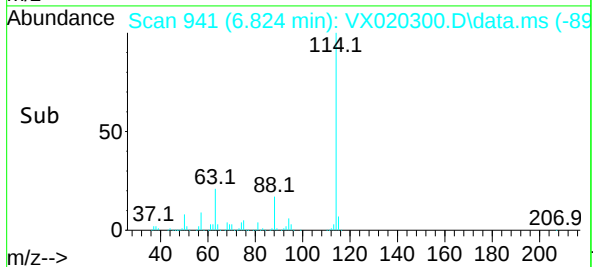
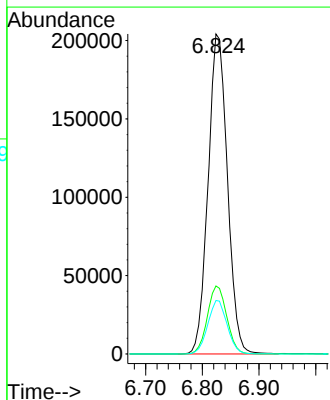
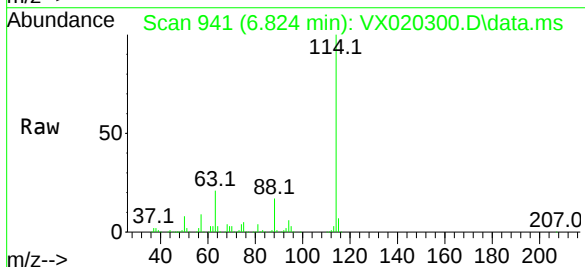
Tgt Ion: 114 Resp: 483802

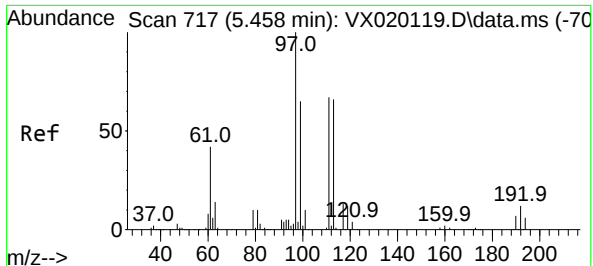
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

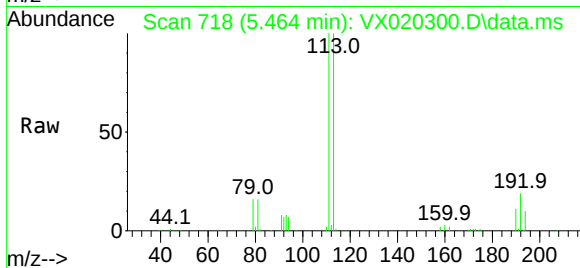
88 16.7 0.0 32.8



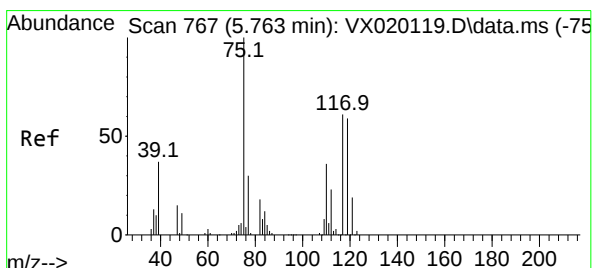
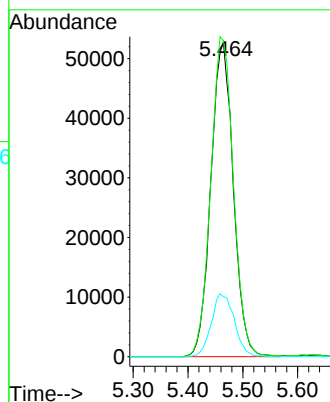
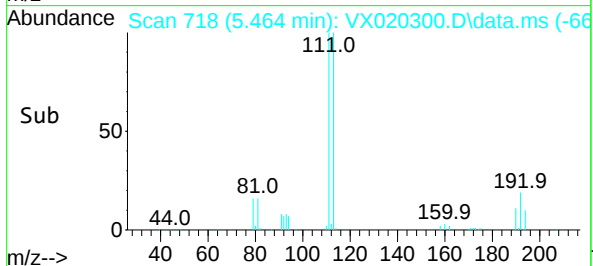


#35
Dibromofluoromethane
Concen: 48.47 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

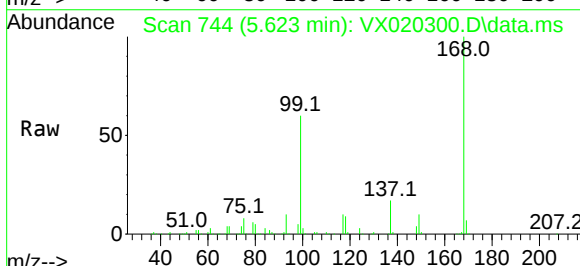
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211DL



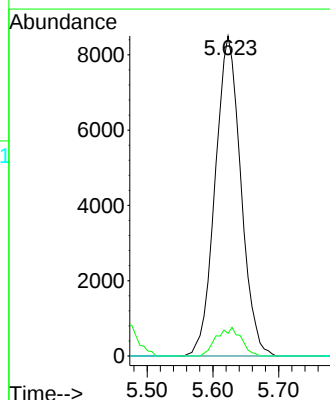
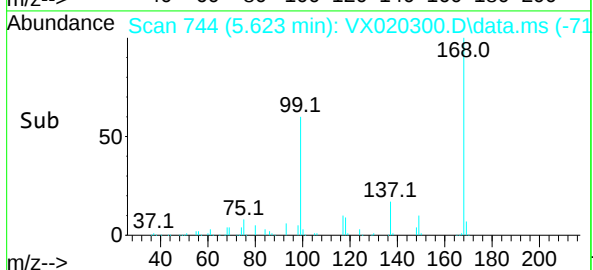
Tgt Ion:113 Resp: 150019
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.5 16.7 25.1

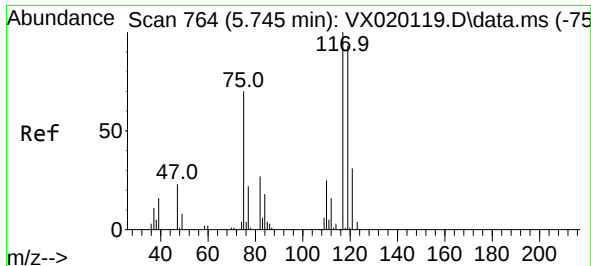


#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56



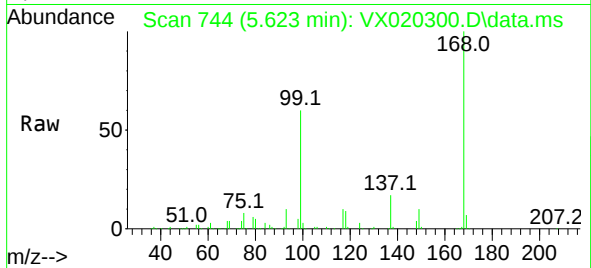
Tgt Ion: 75 Resp: 23100
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



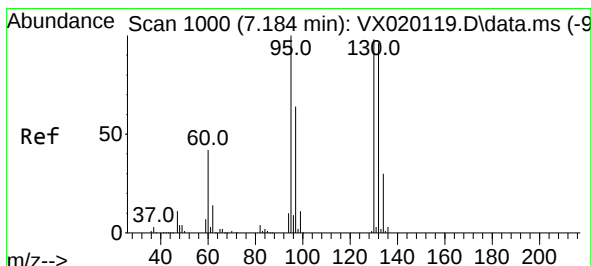
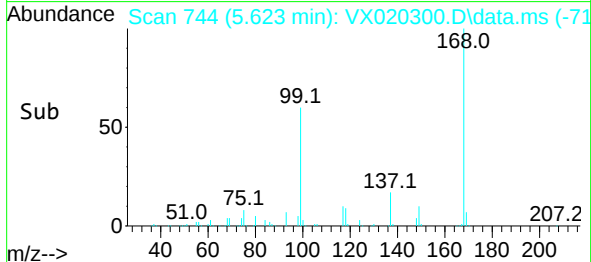
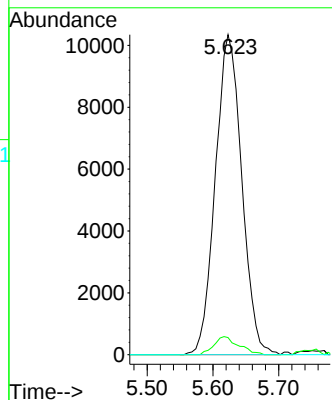


#38
Carbon Tetrachloride
Concen: 6.36 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211DL

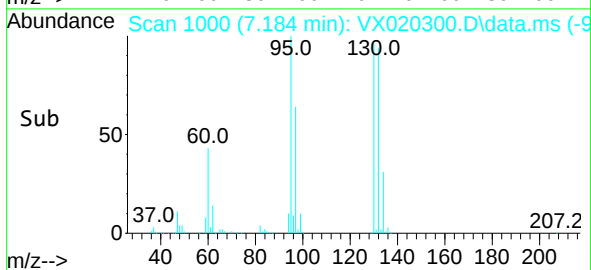
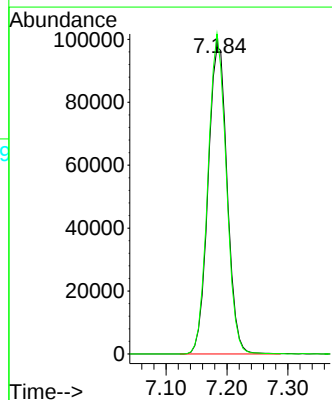
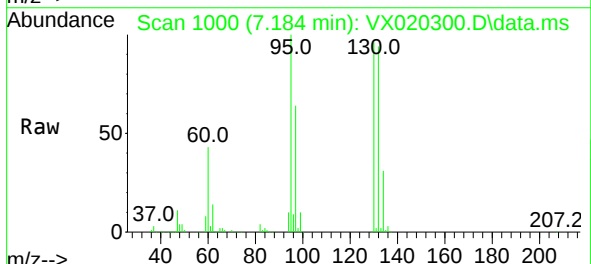


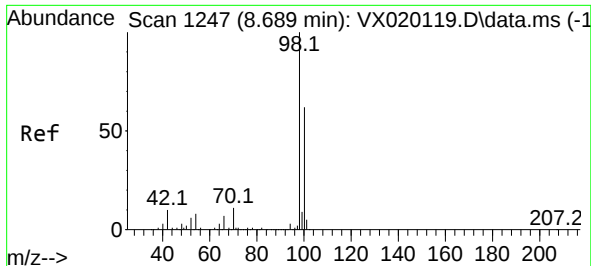
Tgt Ion:117 Resp: 28916
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 55.57 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

Tgt Ion:130 Resp: 213791
Ion Ratio Lower Upper
130 100
95 104.3 0.0 198.0

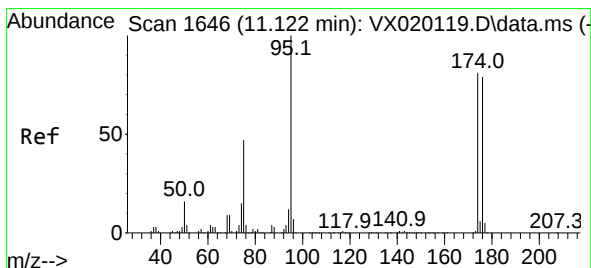
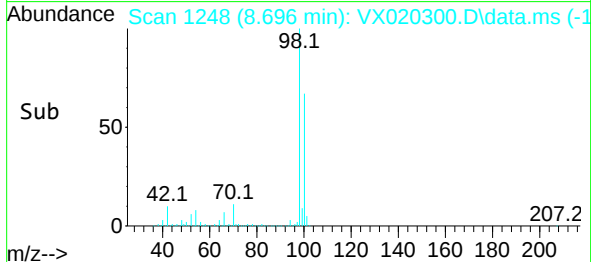
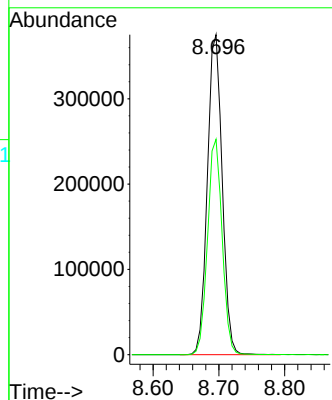
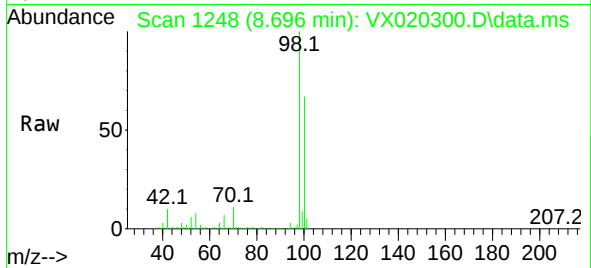




#50
Toluene-d8
Concen: 49.33 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

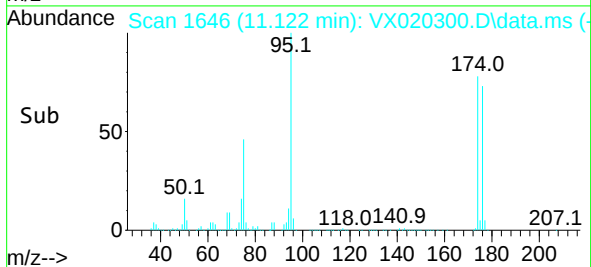
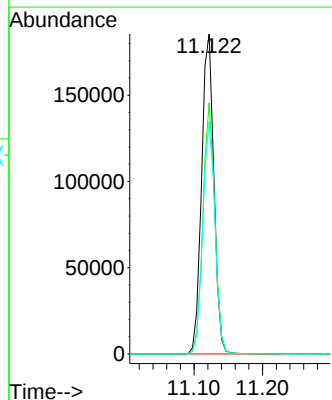
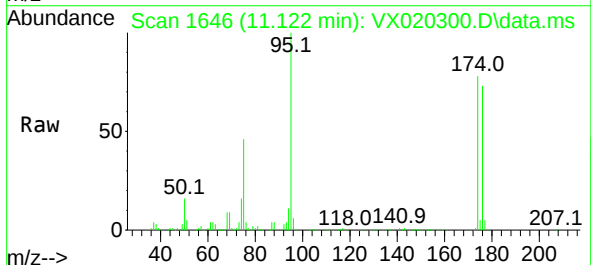
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211DL

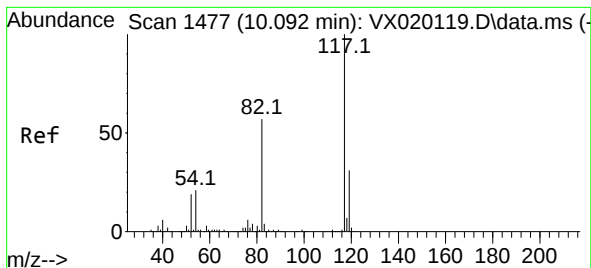
Tgt Ion: 98 Resp: 587687
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.83 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

Tgt Ion: 95 Resp: 231760
Ion Ratio Lower Upper
95 100
174 76.4 0.0 154.6
176 72.2 0.0 155.8

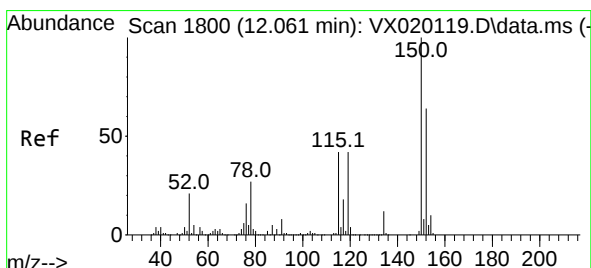
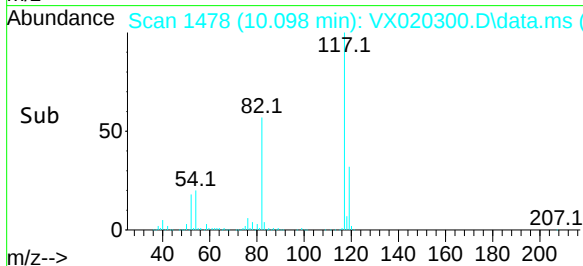
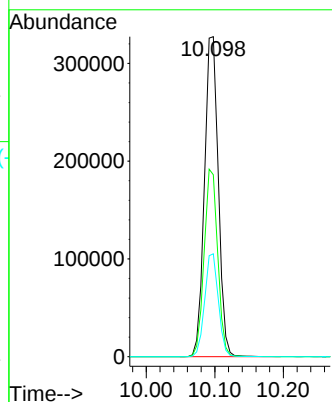
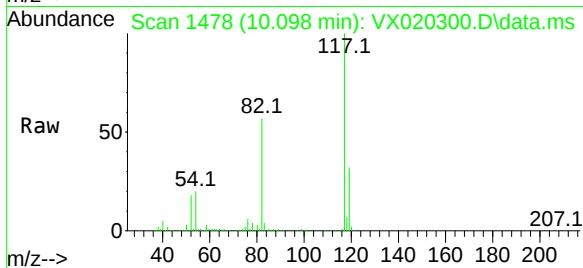




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

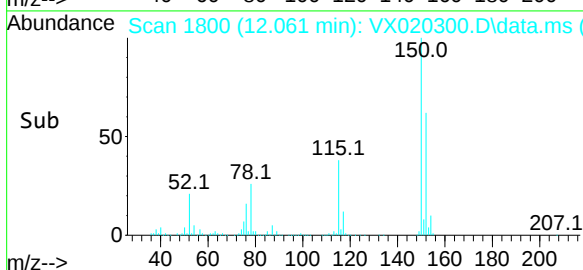
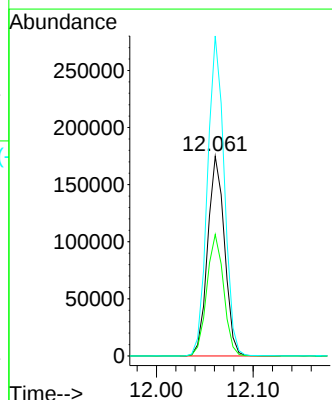
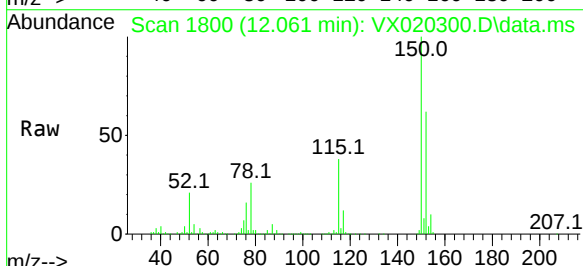
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211DL

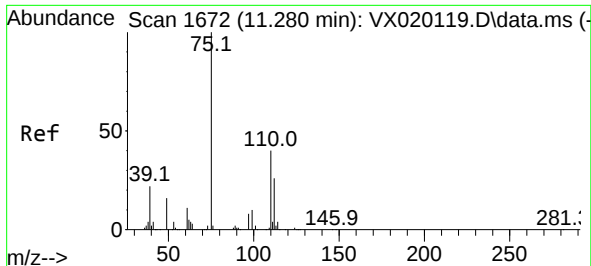
Tgt Ion:117 Resp: 461655
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

Tgt Ion:152 Resp: 212468
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 159.3 0.0 349.0

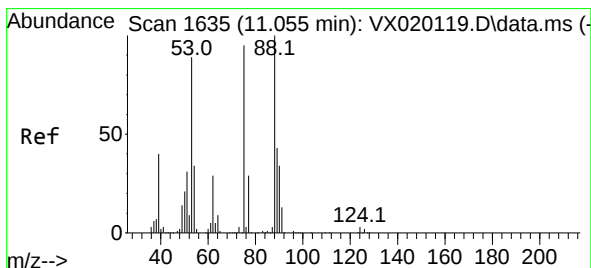
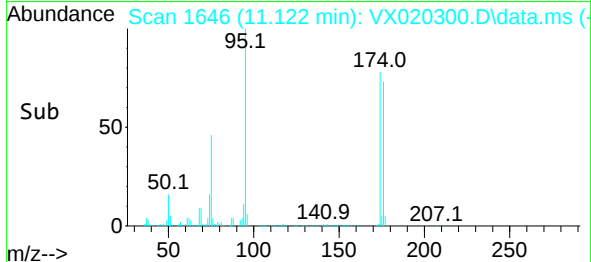
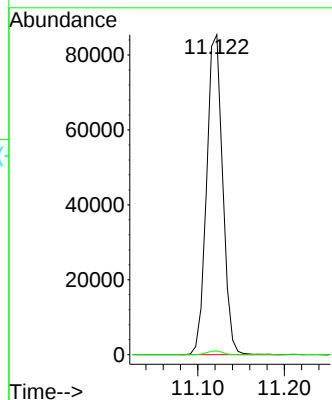
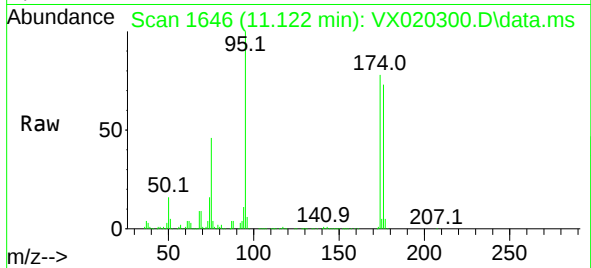




#76
1,2,3-Trichloropropane
Concen: 20.98 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211DL

Tgt Ion: 75 Resp: 109787
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.23 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020300.D
Acq: 22 Dec 2020 13:56

Tgt Ion: 75 Resp: 109787
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

