

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020158.D
 Acq On : 19 Dec 2020 08:34
 Operator : JC/MD
 Sample : L5053-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20201209

Quant Time: Dec 21 00:13:29 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	296813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	496085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	446636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	183088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.031	65	190735	47.94	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.88%
35) Dibromofluoromethane	5.465	113	153965	48.52	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.04%
50) Toluene-d8	8.696	98	597393	48.90	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.80%
62) 4-Bromofluorobenzene	11.122	95	199479	42.67	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.34%

Target Compounds

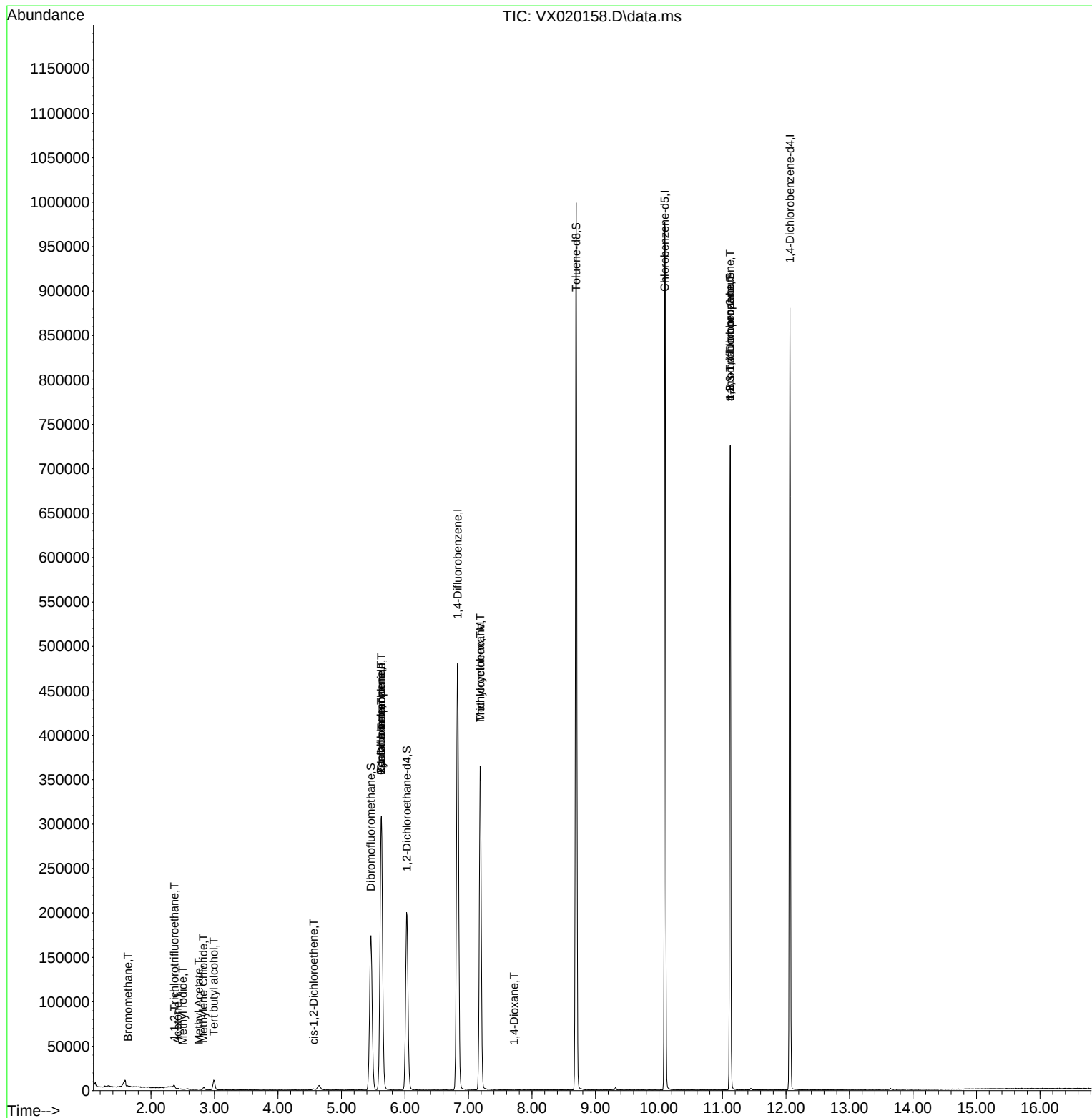
						Qvalue
5) Bromomethane	1.636	94	395	0.30	ug/l #	70
9) 1,1,2-Trichlorotrifluo...	2.368	101	724	0.24	ug/l	95
10) Methyl Iodide	2.502	142	109	3.31	ug/l #	42
11) Tert butyl alcohol	2.989	59	6604	7.41	ug/l #	75
16) Acetone	2.416	43	1089	0.60	ug/l	89
18) Methyl Acetate	2.752	43	1155	0.29	ug/l #	70
20) Methylene Chloride	2.825	84	1186	0.29	ug/l #	79
27) cis-1,2-Dichloroethene	4.562	96	897	0.22	ug/l	87
31) Cyclohexane	5.623	56	5766	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	23059	4.70	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29319	6.29	ug/l #	17
39) Methylcyclohexane	7.184	83	1717	0.30	ug/l #	1
44) Trichloroethene	7.184	130	142932	36.23	ug/l	98
49) 1,4-Dioxane	7.720	88	64	0.69	ug/l #	76
76) 1,2,3-Trichloropropane	11.122	75	97538	21.63	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	97538	64.16	ug/l #	12

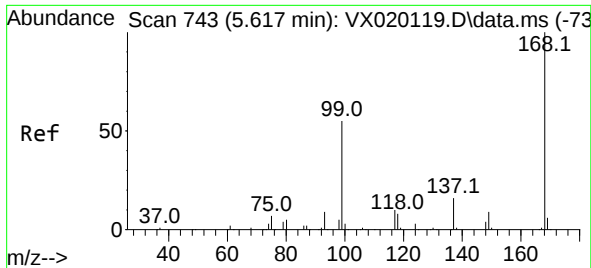
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

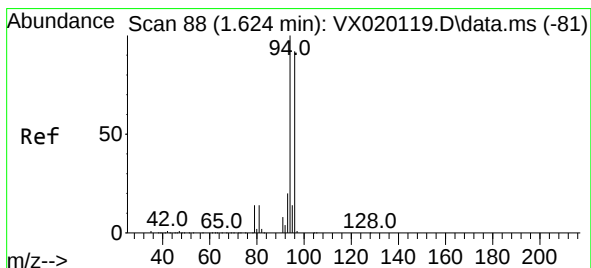
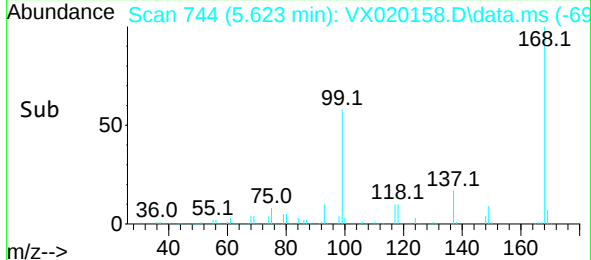
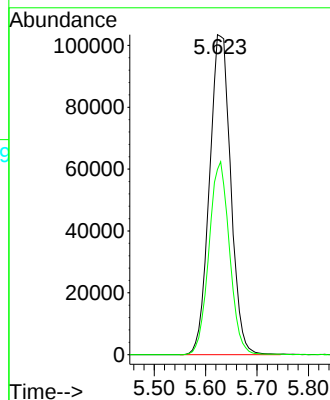
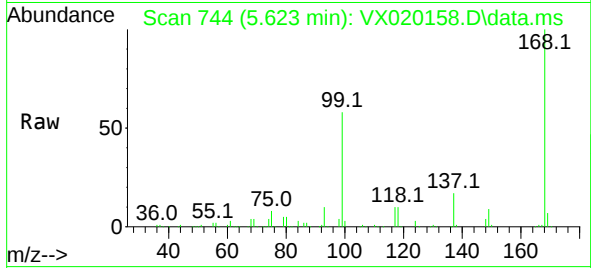




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

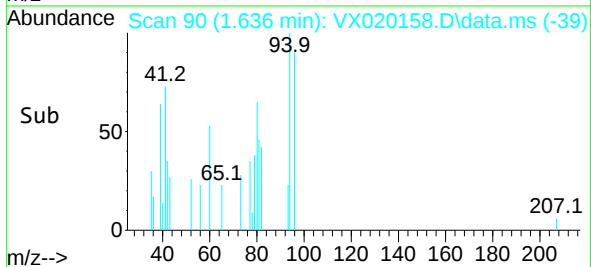
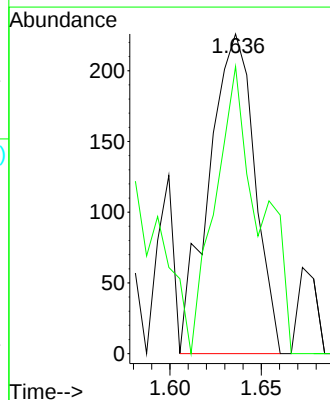
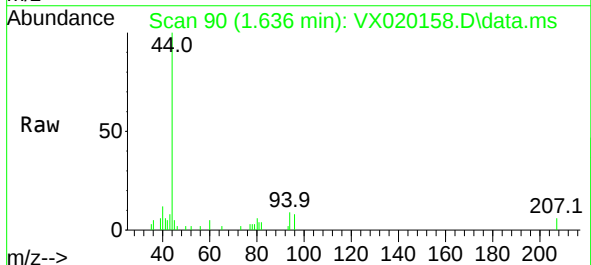
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20201209

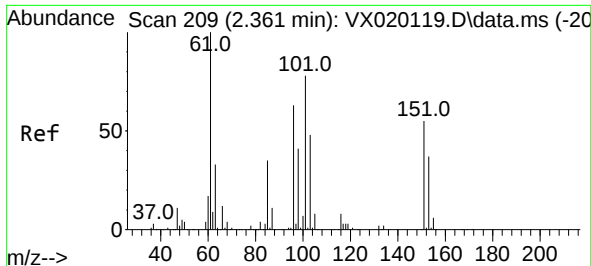
Tgt Ion:168 Resp: 296813
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

Tgt Ion: 94 Resp: 395
Ion Ratio Lower Upper
94 100
96 66.4 76.4 114.6#

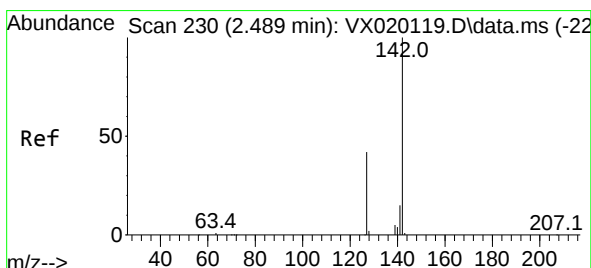
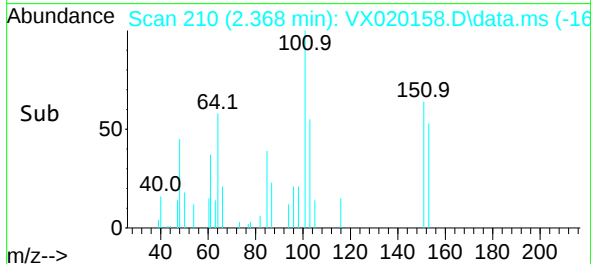
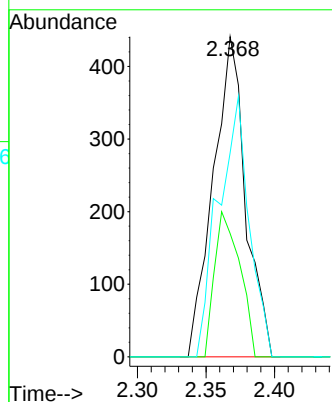
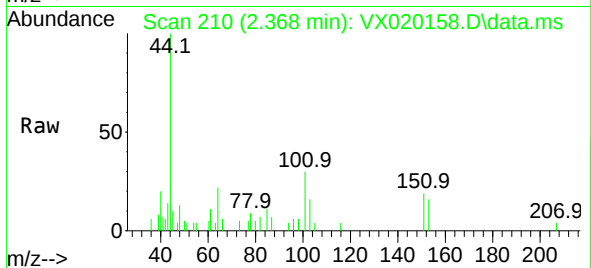




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.24 ug/l
RT: 2.368 min Scan# 210
Delta R.T. 0.007 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

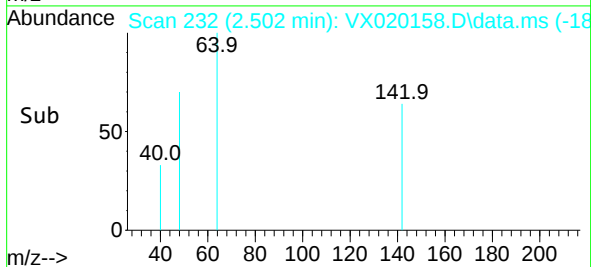
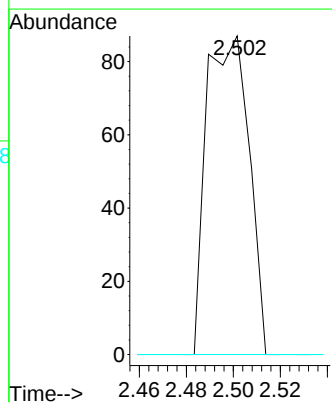
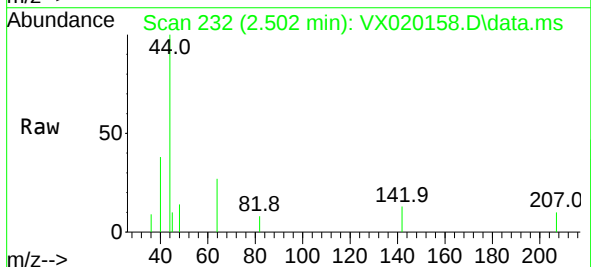
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20201209

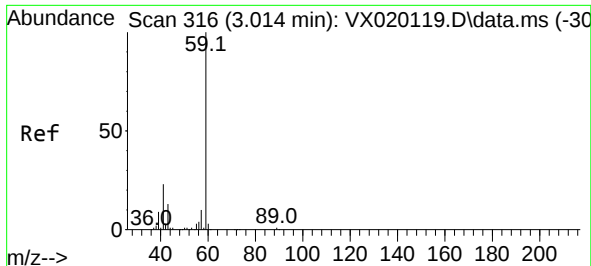
Tgt Ion:101 Resp: 724
Ion Ratio Lower Upper
101 100
85 35.4 34.9 52.3
151 77.6 61.4 92.2



#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

Tgt Ion:142 Resp: 109
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

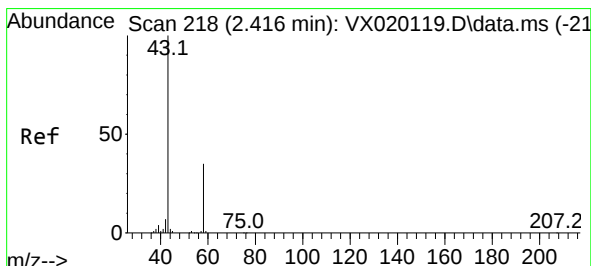
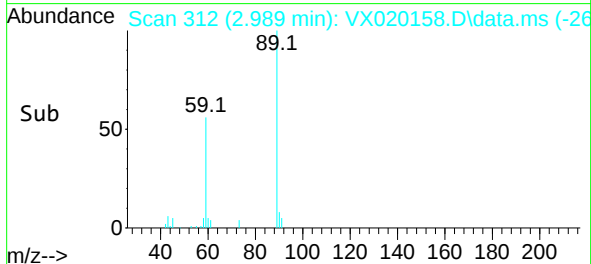
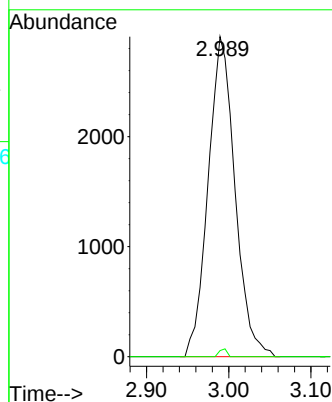
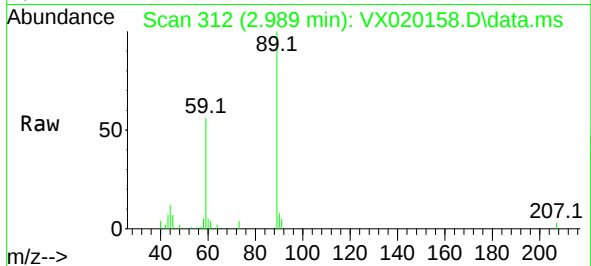




#11
Tert butyl alcohol
Concen: 7.41 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

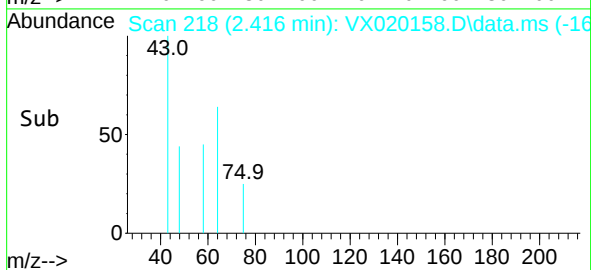
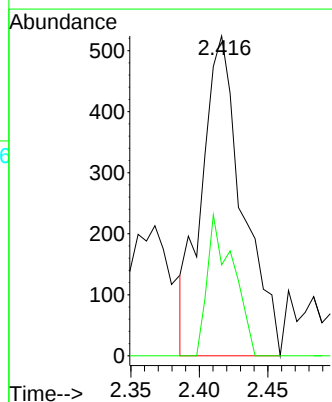
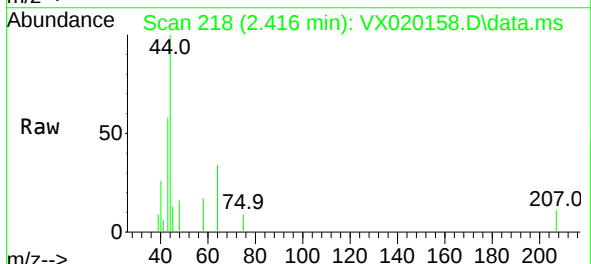
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20201209

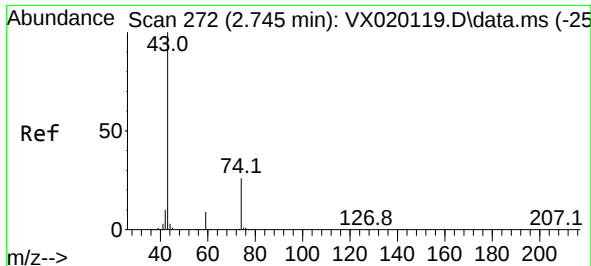
Tgt Ion: 59 Resp: 6604
Ion Ratio Lower Upper
59 100
57 0.7 7.8 11.8#



#16
Acetone
Concen: 0.60 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
58 28.4 27.8 41.8

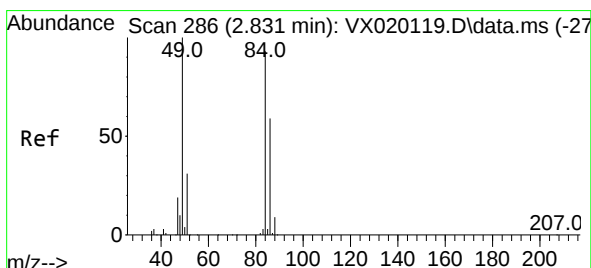
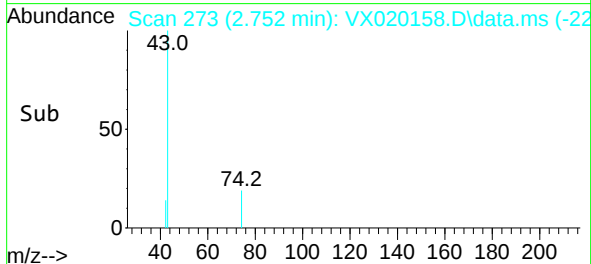
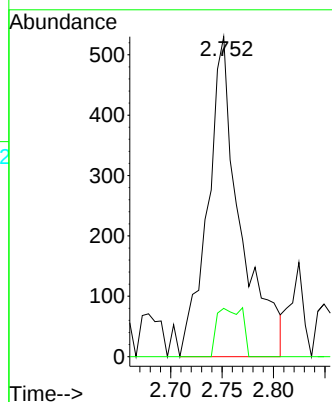
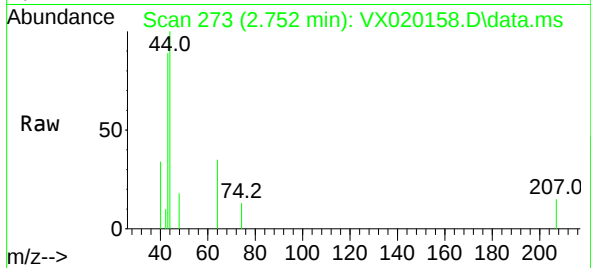




#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

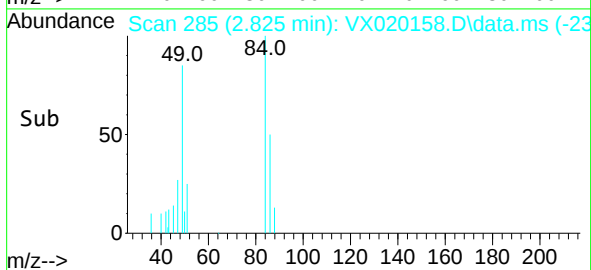
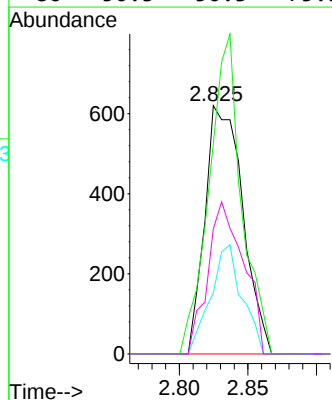
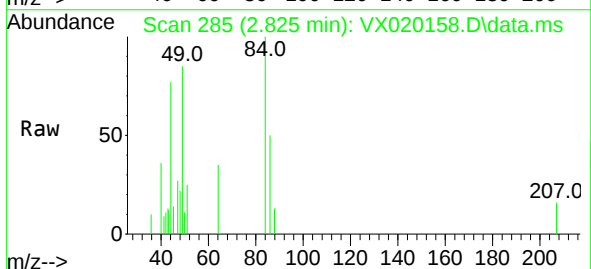
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20201209

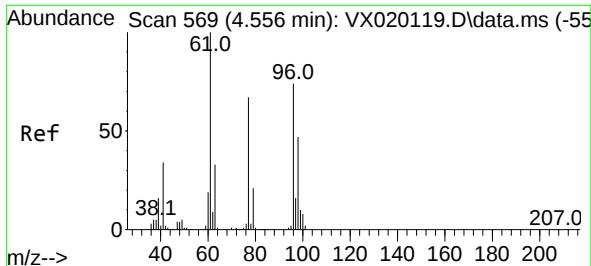
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
74 11.9 21.9 32.9#



#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.825 min Scan# 285
Delta R.T. -0.006 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

Tgt Ion: 84 Resp: 1186
Ion Ratio Lower Upper
84 100
49 84.8 88.6 132.8#
51 24.5 27.0 40.6#
86 50.3 50.3 75.5





#27

cis-1,2-Dichloroethene

Concen: 0.22 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX020158.D

Acq: 19 Dec 2020 08:34

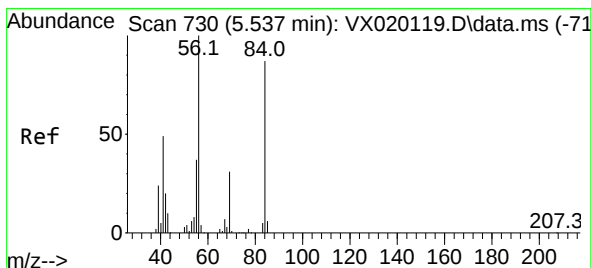
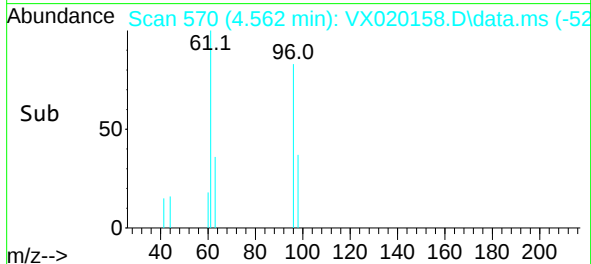
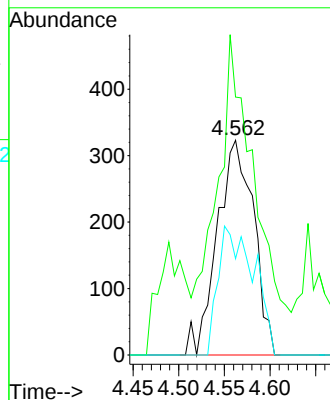
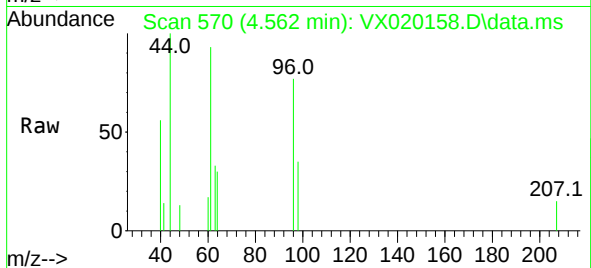
Instrument :

MSVOA_X

ClientSampleId :

DUP03-20201209

Tgt Ion:	96	Resp:	897
Ion	Ratio	Lower	Upper
96	100		
61	161.3	0.0	285.6
98	58.6	0.0	129.6



#31

Cyclohexane

Concen: 1.05 ug/l

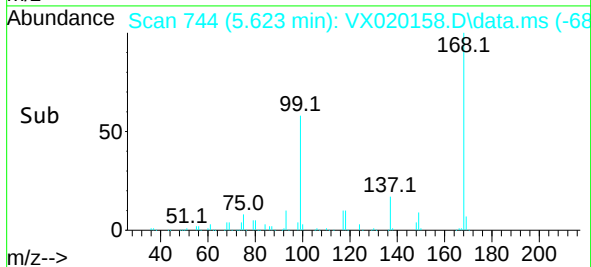
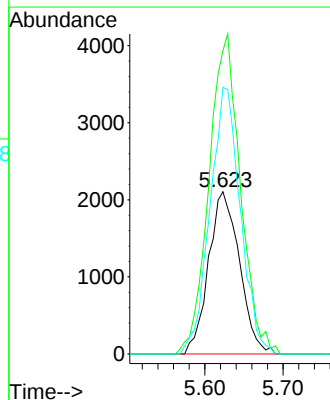
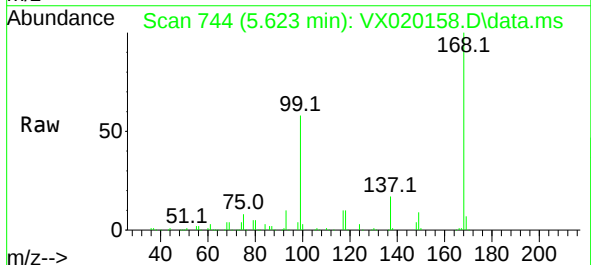
RT: 5.623 min Scan# 744

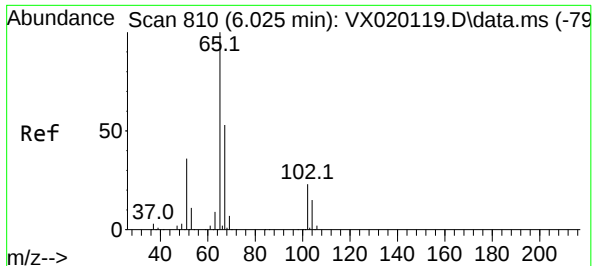
Delta R.T. 0.086 min

Lab File: VX020158.D

Acq: 19 Dec 2020 08:34

Tgt Ion:	56	Resp:	5766
Ion	Ratio	Lower	Upper
56	100		
69	187.0	25.3	37.9#
84	164.4	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 47.94 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020158.D

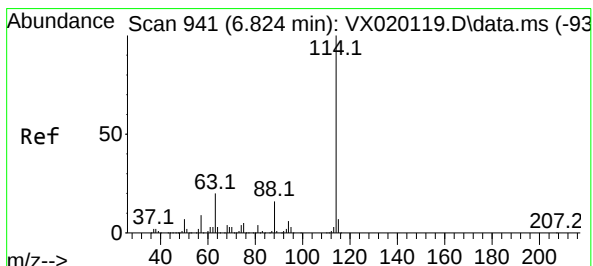
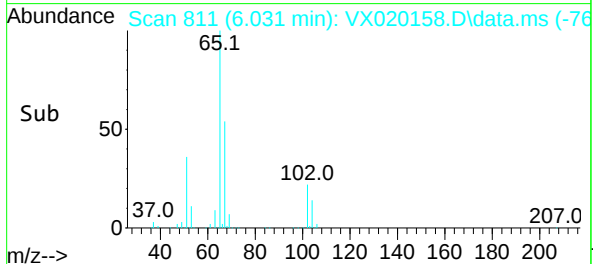
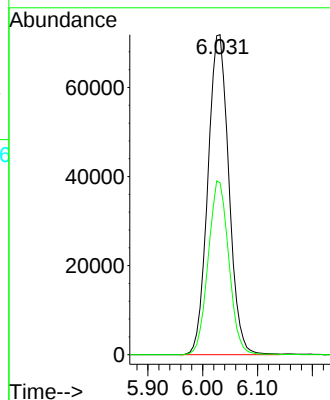
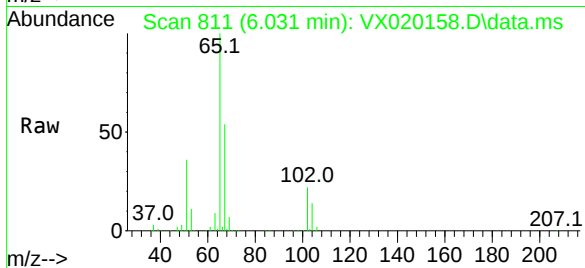
Acq: 19 Dec 2020 08:34

Tgt Ion: 65 Resp: 190735

Ion Ratio Lower Upper

65 100

67 53.3 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: VX020158.D

Acq: 19 Dec 2020 08:34

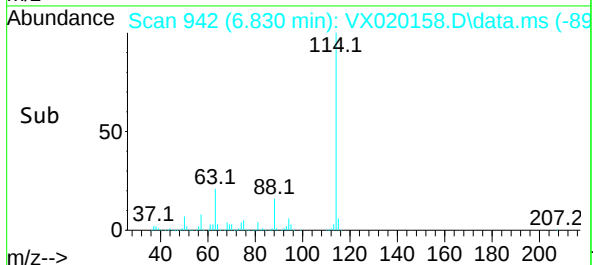
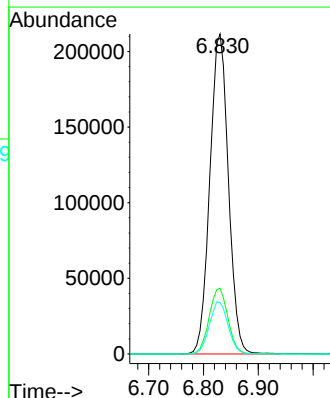
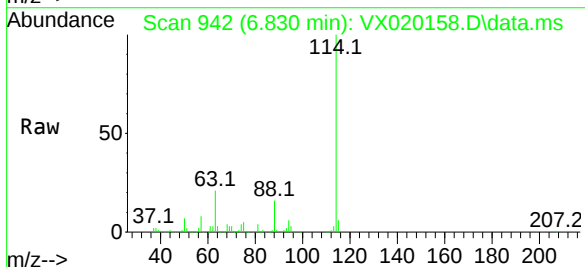
Tgt Ion: 114 Resp: 496085

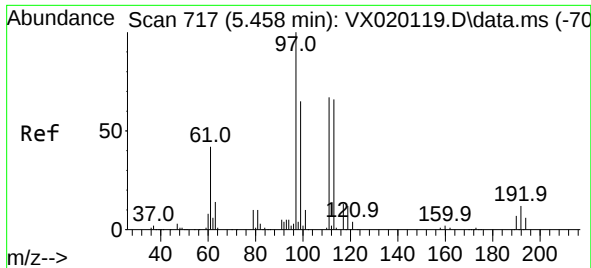
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

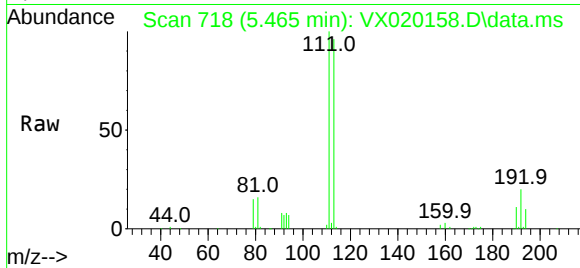
88 16.1 0.0 32.8



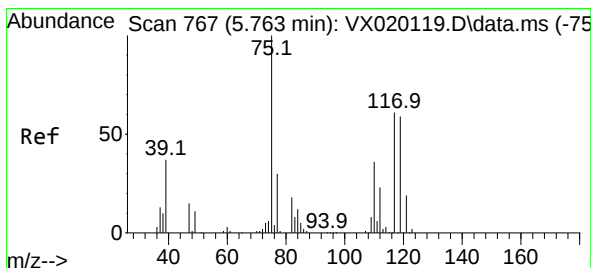
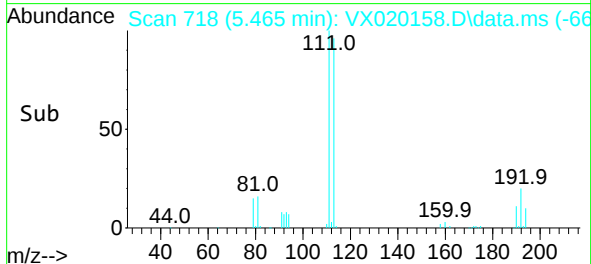
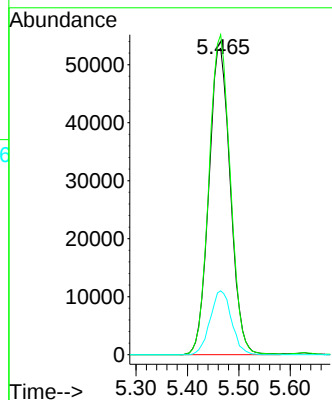


#35
Dibromofluoromethane
Concen: 48.52 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20201209

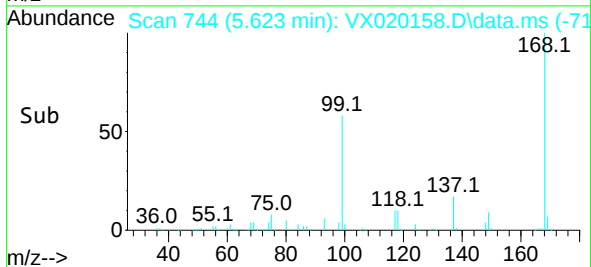
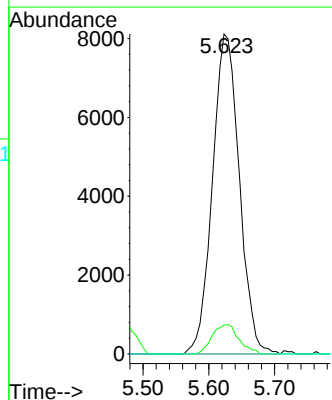
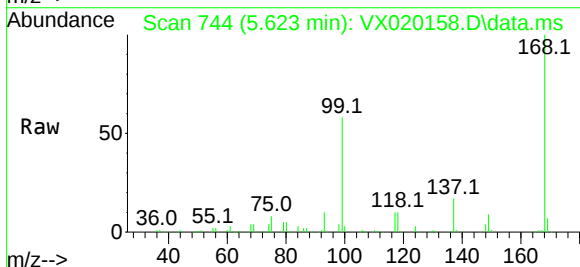


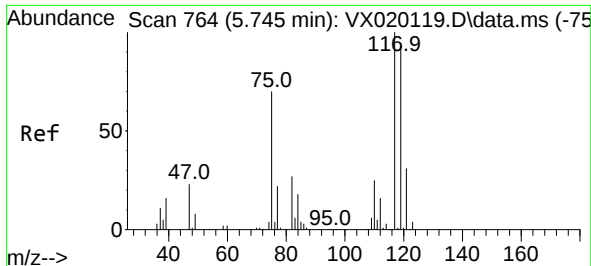
Tgt Ion:113 Resp: 153965
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

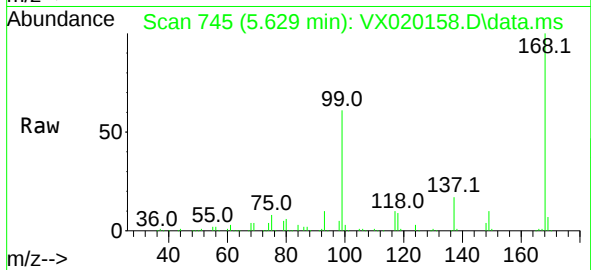
Tgt Ion: 75 Resp: 23059
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



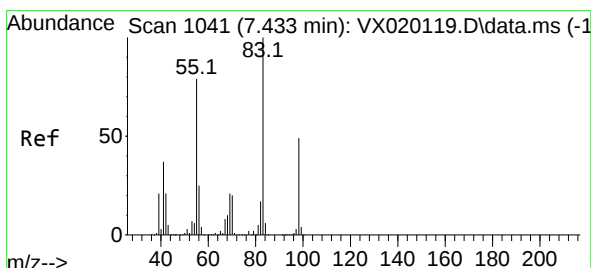
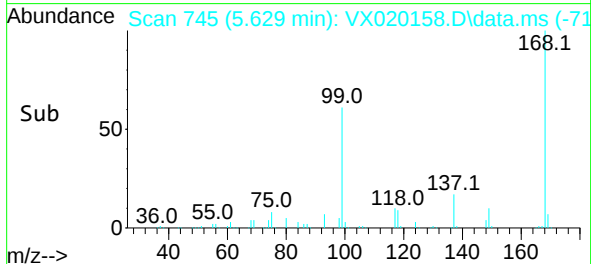
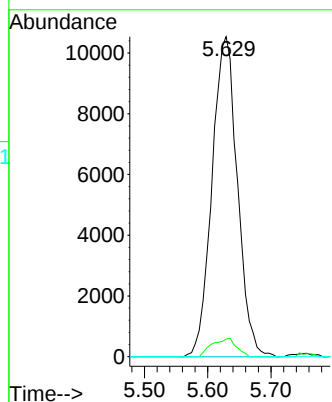


#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20201209

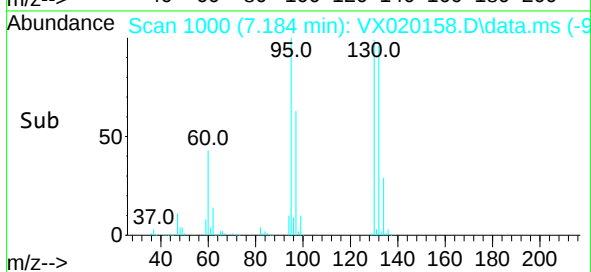
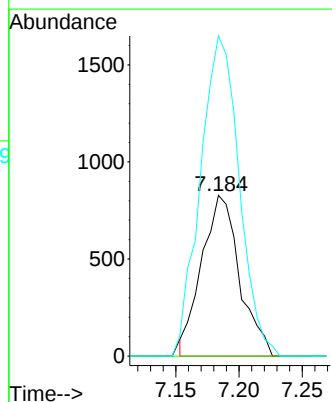
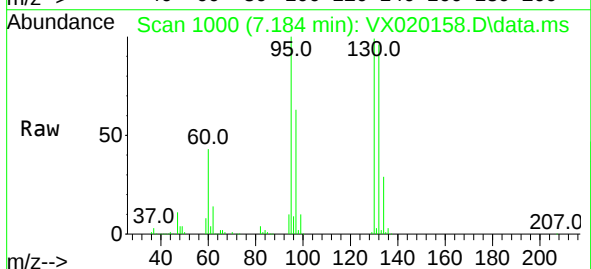


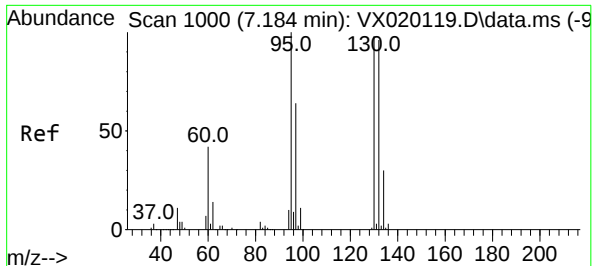
Tgt Ion:117 Resp: 29319
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.30 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.249 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

Tgt Ion: 83 Resp: 1717
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 199.2 38.1 57.1#

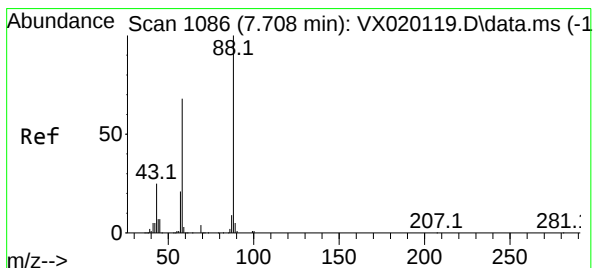
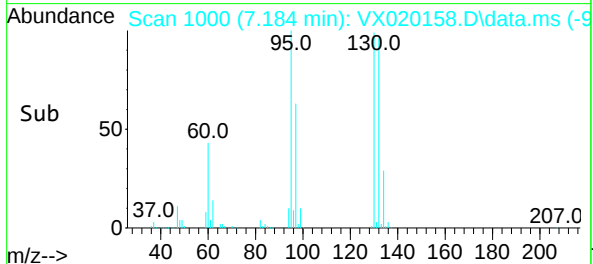
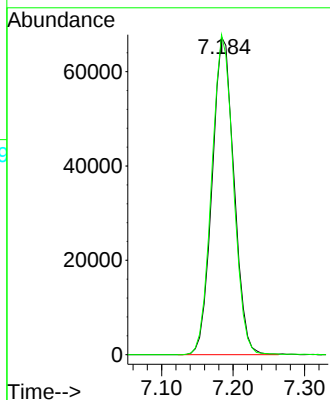
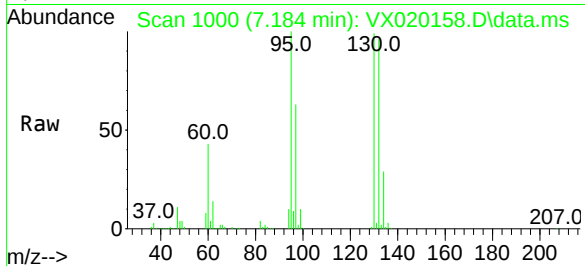




#44
Trichloroethene
Concen: 36.23 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

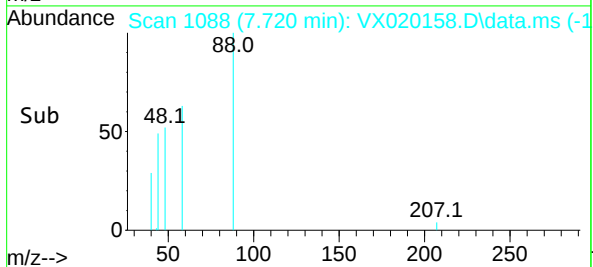
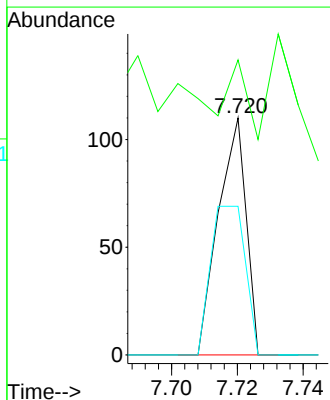
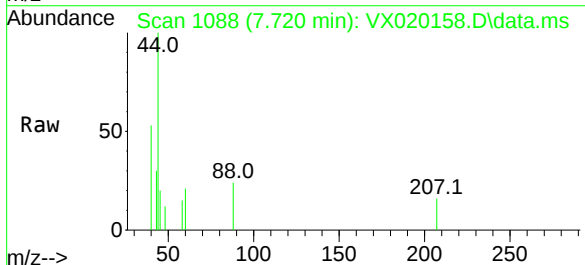
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20201209

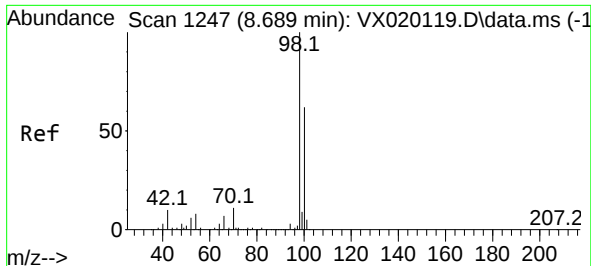
Tgt Ion:130 Resp: 142932
Ion Ratio Lower Upper
130 100
95 100.8 0.0 198.0



#49
1,4-Dioxane
Concen: 0.69 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 78.1 55.0 82.4

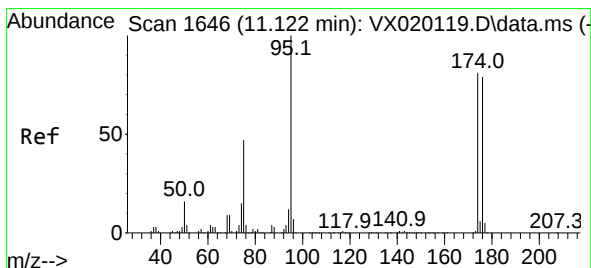
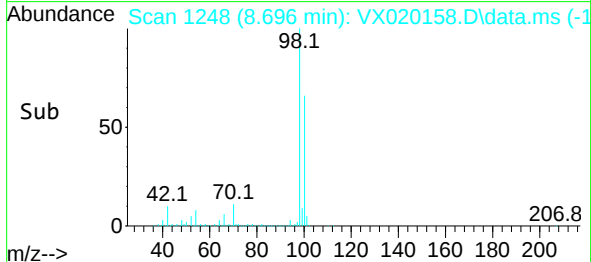
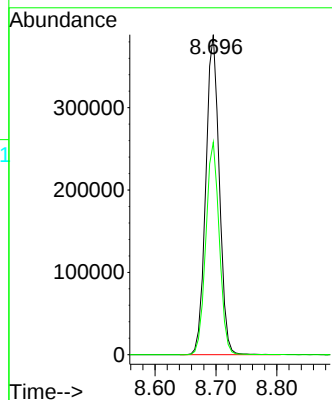
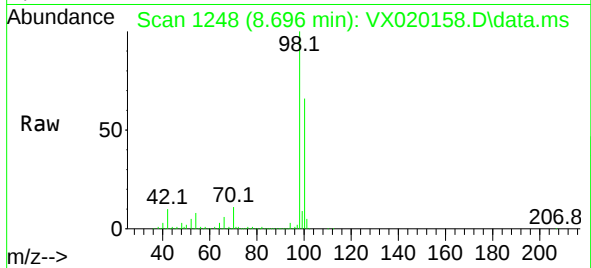




#50
Toluene-d8
Concen: 48.90 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

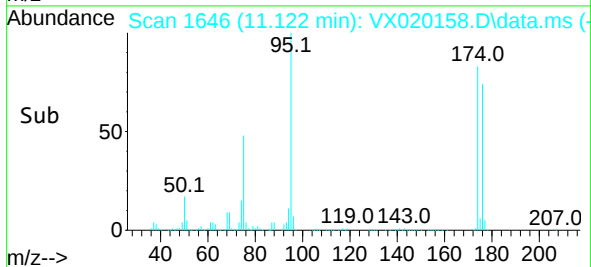
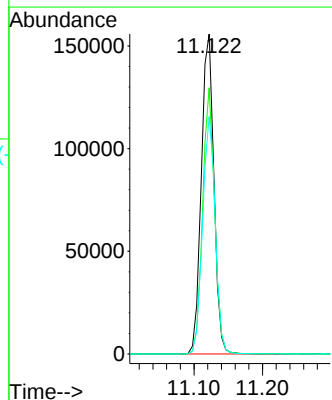
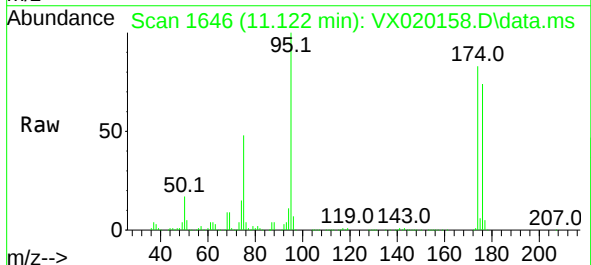
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20201209

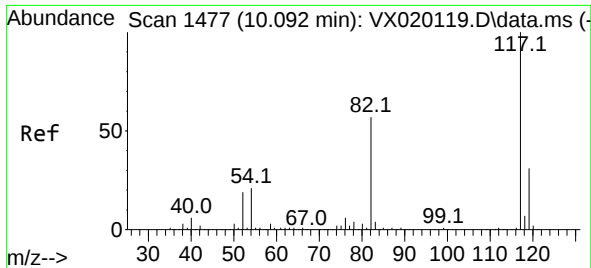
Tgt Ion: 98 Resp: 597393
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.67 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

Tgt Ion: 95 Resp: 199479
Ion Ratio Lower Upper
95 100
174 79.2 0.0 154.6
176 74.2 0.0 155.8

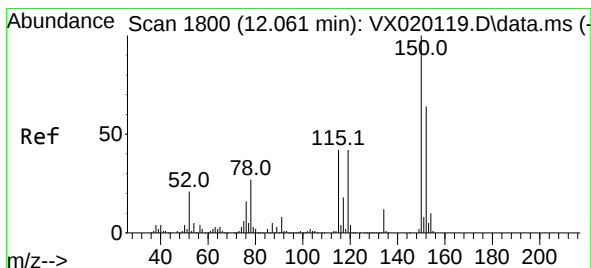
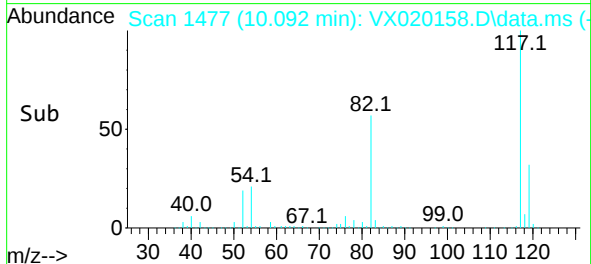
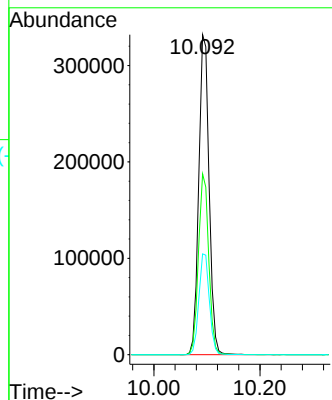
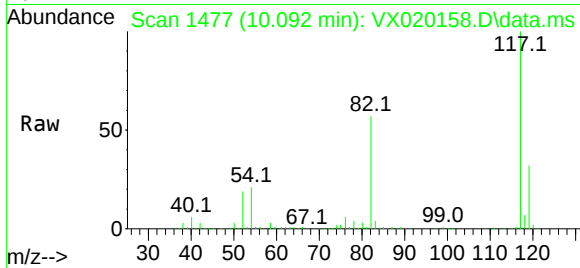




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

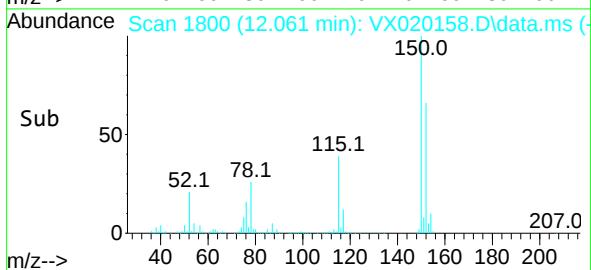
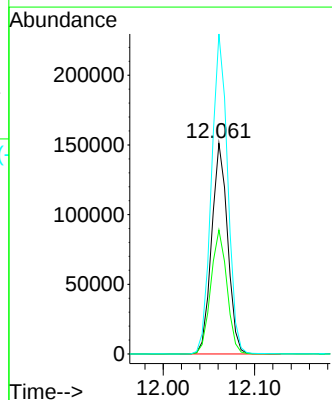
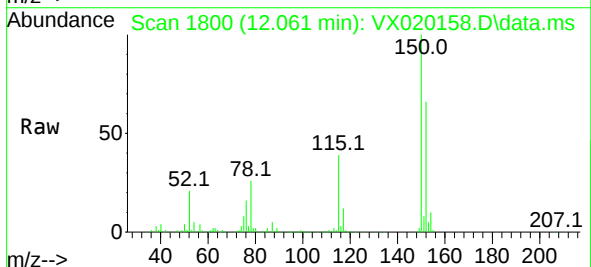
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20201209

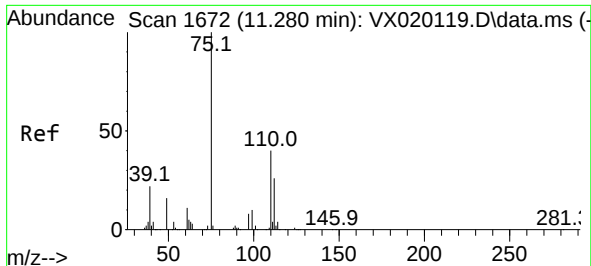
Tgt Ion:117 Resp: 446636
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

Tgt Ion:152 Resp: 183088
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 154.0 0.0 349.0

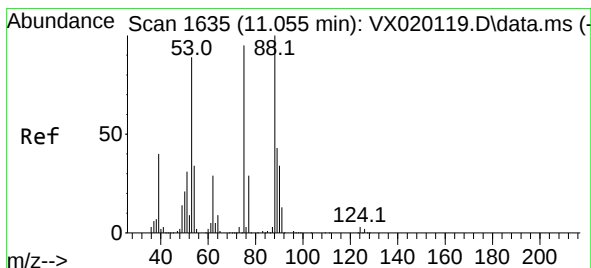
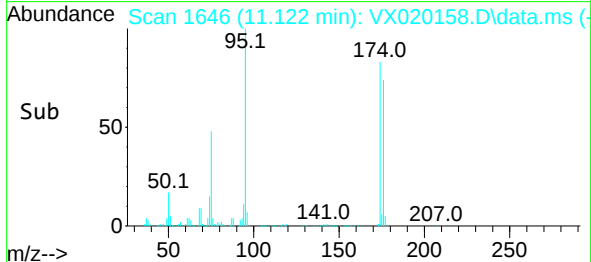
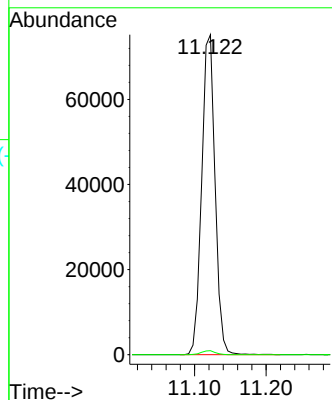
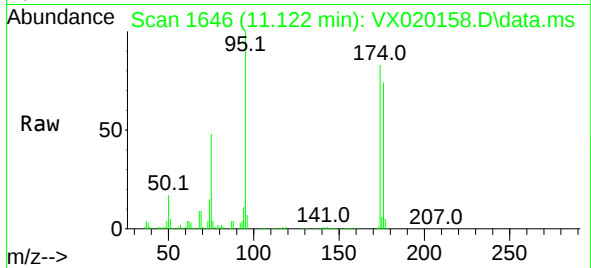




#76
1,2,3-Trichloropropane
Concen: 21.63 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20201209

Tgt Ion: 75 Resp: 97538
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.16 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020158.D
Acq: 19 Dec 2020 08:34

Tgt Ion: 75 Resp: 97538
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

