

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014062.D
 Acq On : 17 Dec 2019 19:19
 Operator : JC/SP
 Sample : K6251-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20191207

Quant Time: Dec 18 07:16:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	553746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	856416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	758966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	316592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	313587	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	5.49	113	261059	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	8.71	98	1015470	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.13	95	332092	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	44651	9.013	ug/l	98
3) Chloromethane	1.32	50	1667	0.251	ug/l #	76
4) Vinyl Chloride	1.40	62	2262	0.322	ug/l	97
7) Trichlorofluoromethane	1.92	101	1149646	132.385	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	15379	2.938	ug/l	94
10) Methyl Iodide	2.50	142	369	2.671	ug/l #	26
11) Tert butyl alcohol	3.05	59	295	0.218	ug/l #	1
12) 1,1-Dichloroethene	2.37	96	204588	38.408	ug/l	98
13) Acrolein	2.31	56	366	0.471	ug/l #	1
15) Acrylonitrile	3.14	53	762	0.241	ug/l #	60
16) Acetone	2.43	43	3186	0.782	ug/l #	67
17) Carbon Disulfide	2.56	76	996	0.817	ug/l #	66
21) trans-1,2-Dichloroethene	3.17	96	1713	0.292	ug/l #	52
24) 1,1-Dichloroethane	3.69	63	35052	3.324	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	15727	2.370	ug/l	90
28) Bromochloromethane	5.04	49	1171	0.740	ug/l #	37
29) Tetrahydrofuran	5.14	42	2006	0.714	ug/l #	93
30) Chloroform	5.20	83	39497	3.951	ug/l	98
31) Cyclohexane	5.65	56	10419	1.111	ug/l #	1
32) 1,1,1-Trichloroethane	5.48	97	50729	5.955	ug/l	98
36) 1,1-Dichloropropene	5.65	75	40027	5.094	ug/l #	51
38) Carbon Tetrachloride	5.65	117	50925	7.114	ug/l #	16
42) 1,2-Dichloroethane	6.19	62	1754	0.214	ug/l	75
44) Trichloroethene	7.21	130	470688	70.480	ug/l	99
49) 1,4-Dioxane	7.74	88	2694	18.825	ug/l #	58
52) Toluene	8.78	92	3500	0.229	ug/l	86
55) 1,1,2-Trichloroethane	9.22	97	2266	0.370	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.24	63	770	0.211	ug/l	94
60) Dibromochloromethane	9.33	129	412876	67.814	ug/l #	11
64) Tetrachloroethene	9.33	164	466757	69.500	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	161056	23.433	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	161056	66.139	ug/l #	11

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

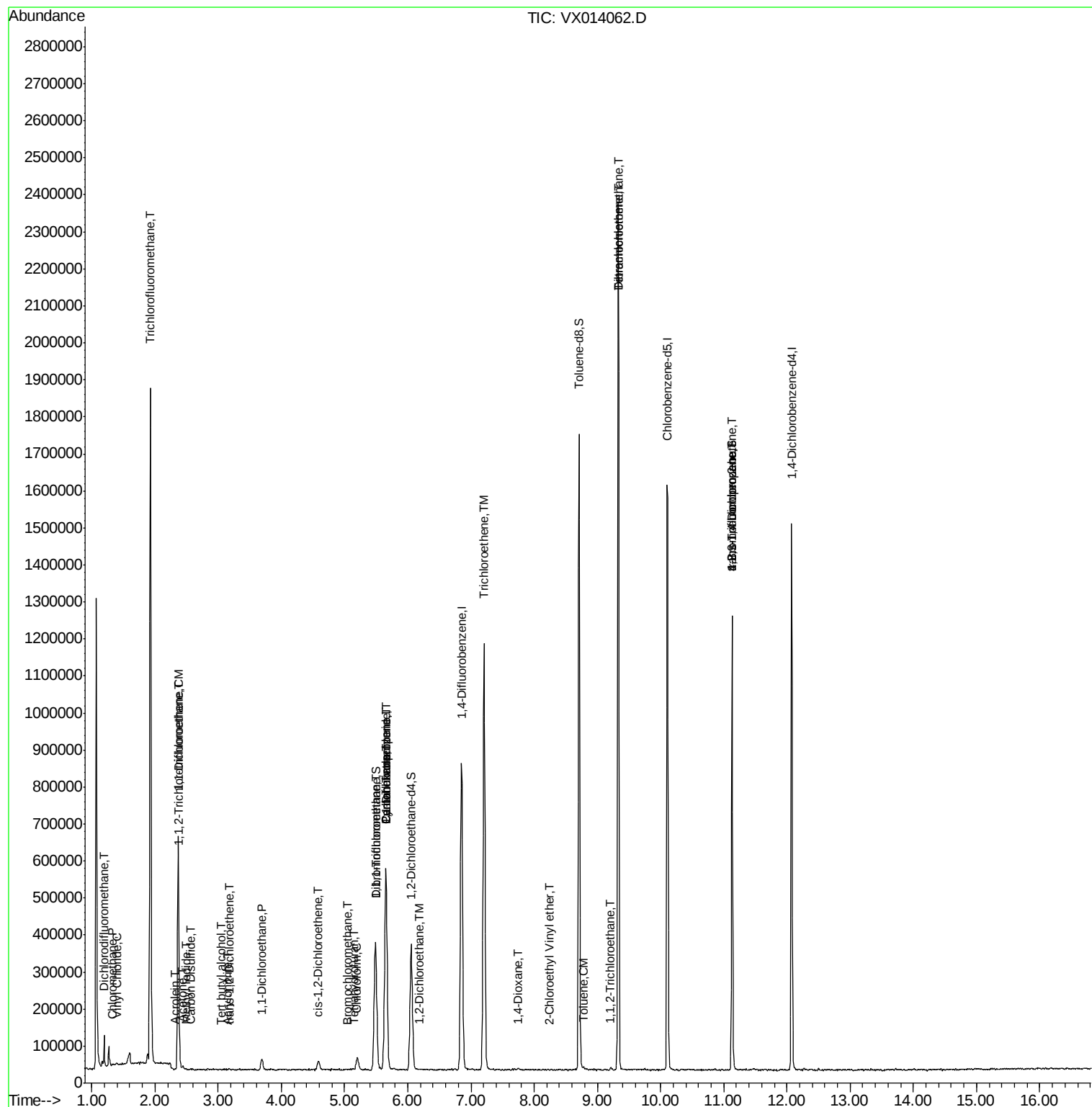
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

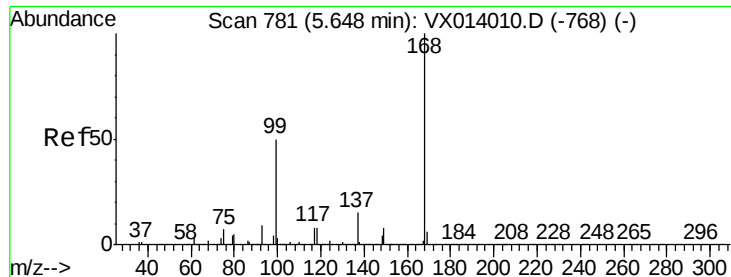
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

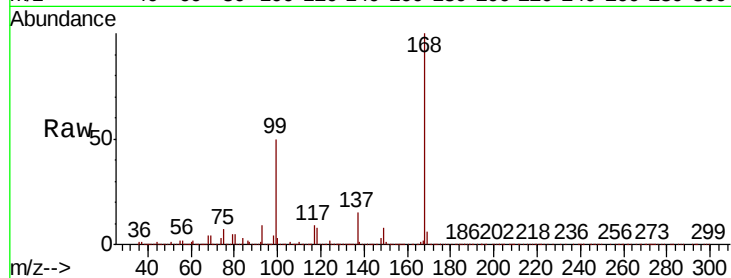
DUP05-20191207

Tot Ion:168 Resp: 553746

Ion Ratio Lower Upper

168 100

99 50.1 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

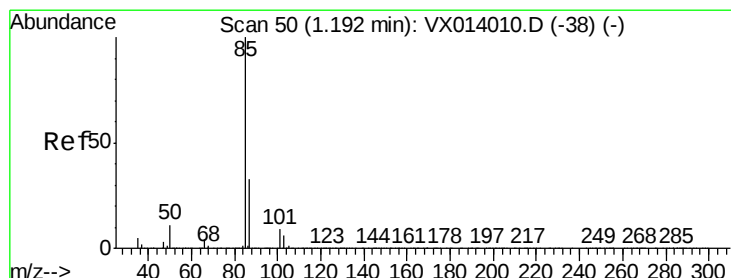
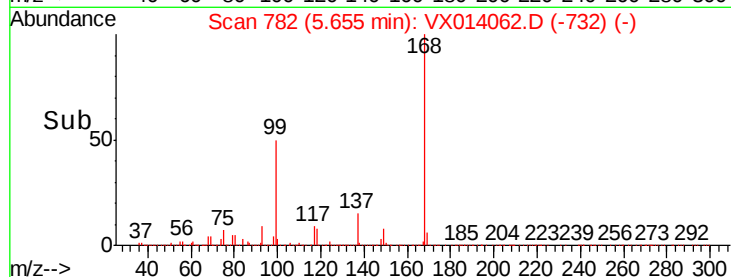
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 9.013 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014062.D

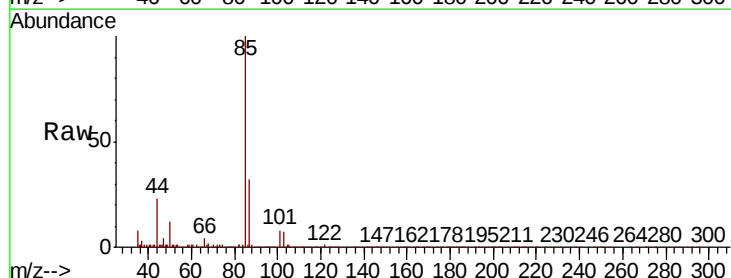
Acq: 17 Dec 2019 19:19

Tgt Ion: 85 Resp: 44651

Ion Ratio Lower Upper

85 100

87 31.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

50000

40000

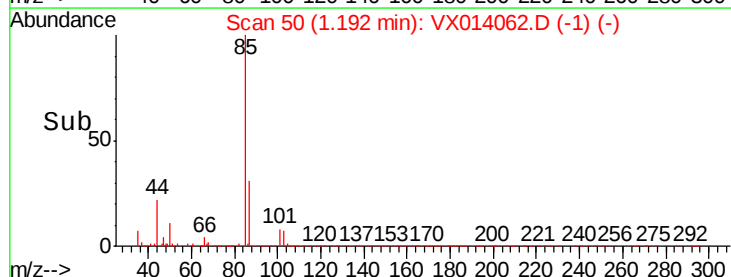
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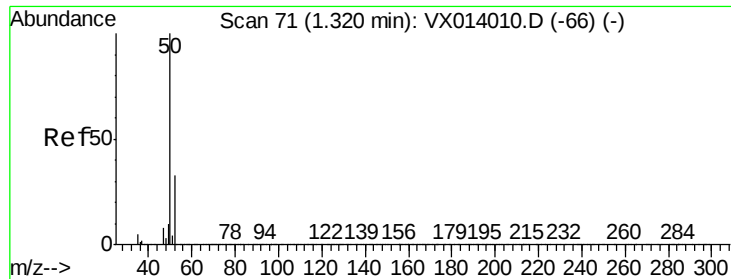
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10000

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Time-->





#3

Chloromethane

Concen: 0.251 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

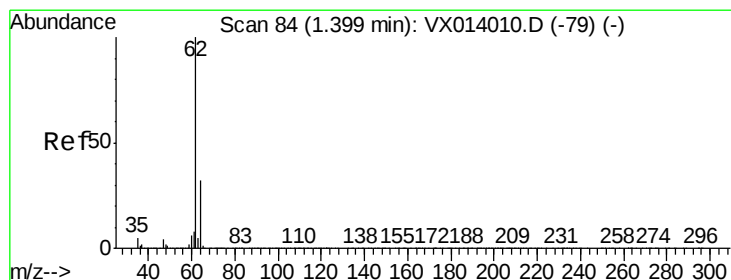
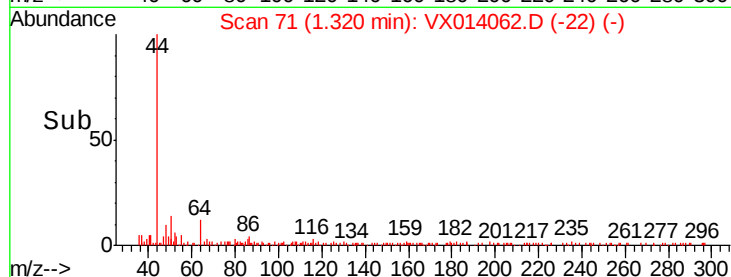
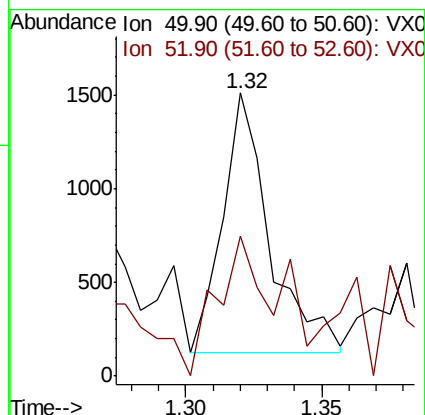
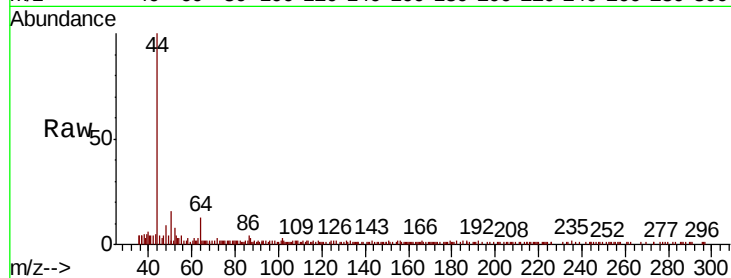
DUP05-20191207

Tot Ion: 50 Resp: 1667

Ion Ratio Lower Upper

50 100

52 46.1 26.2 39.4#



#4

Vinyl Chloride

Concen: 0.322 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014062.D

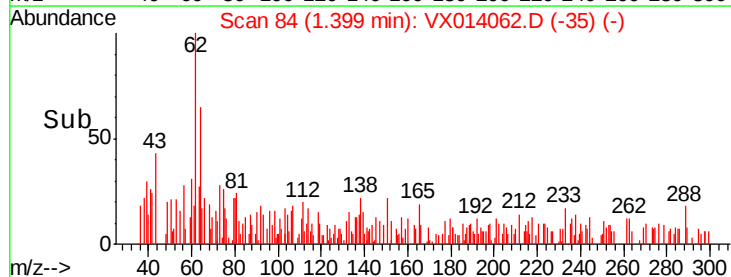
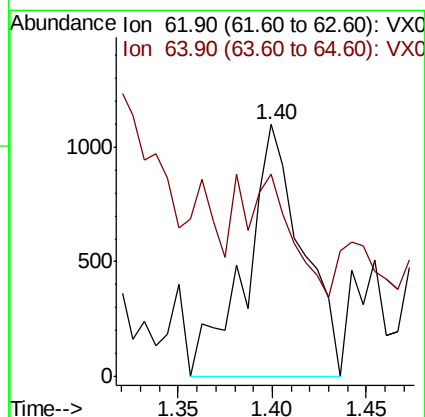
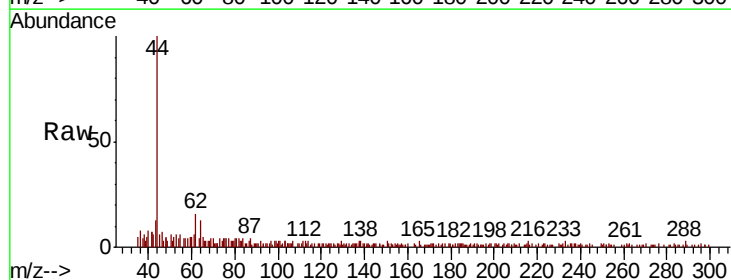
Acq: 17 Dec 2019 19:19

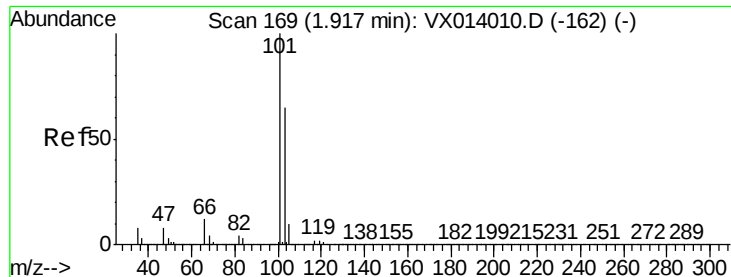
Tgt Ion: 62 Resp: 2262

Ion Ratio Lower Upper

62 100

64 30.4 25.7 38.5



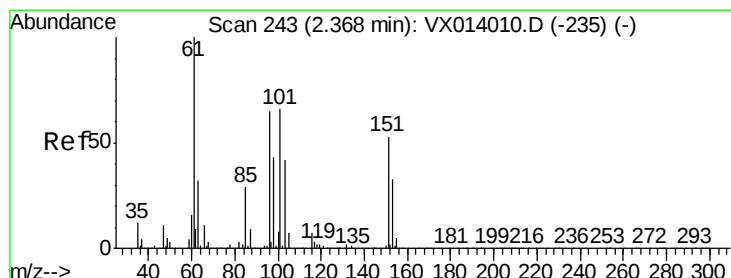
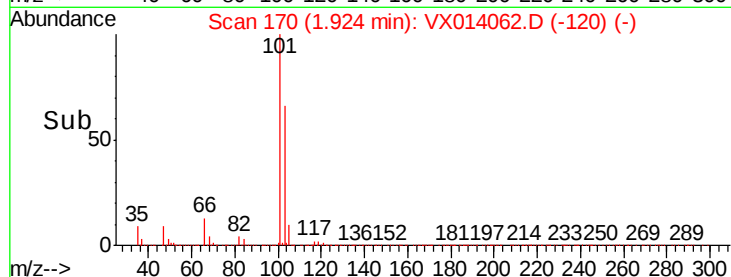
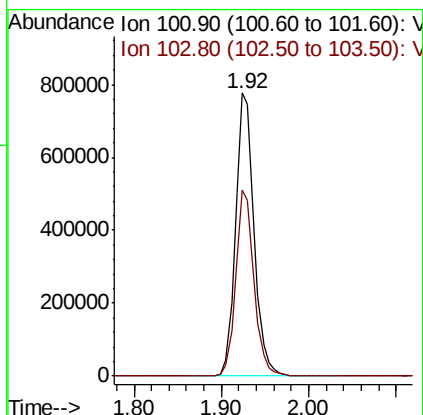
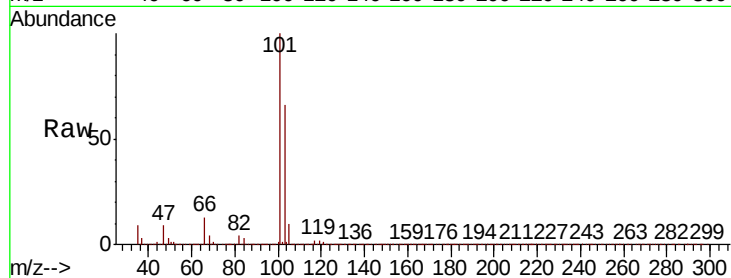


#7

Trichlorofluoromethane
Concen: 132.385 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014062.D
Acq: 17 Dec 2019 19:19

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20191207

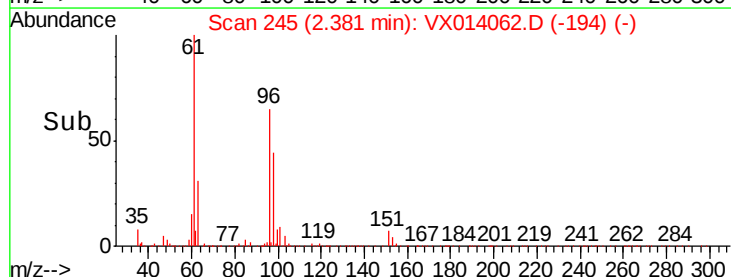
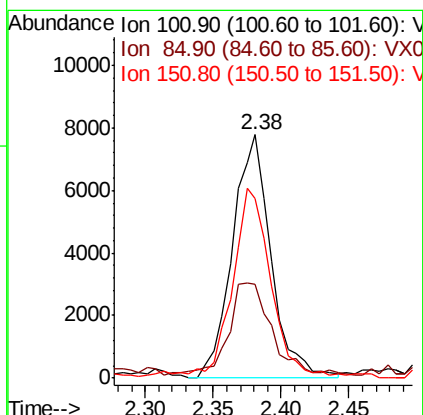
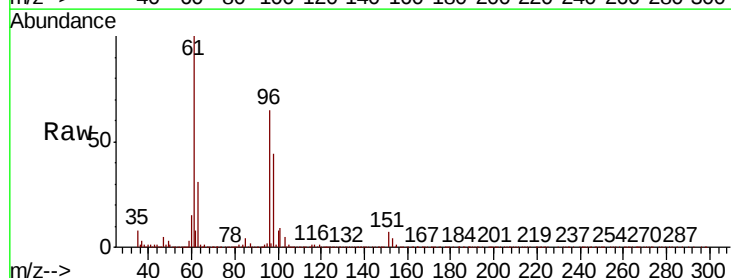
Tot Ion:101 Resp: 1149646
Ion Ratio Lower Upper
101 100
103 65.7 52.2 78.4

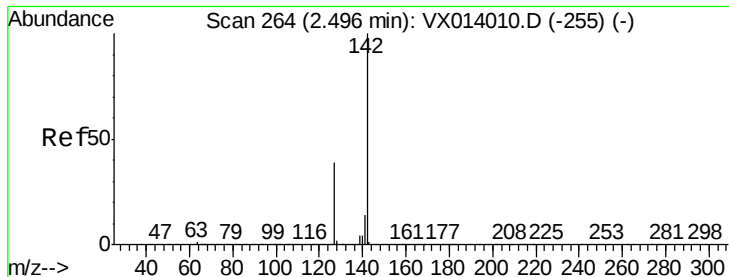


#9

1,1,2-Trichlorotrifluoroethane
Concen: 2.938 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.01 min
Lab File: VX014062.D
Acq: 17 Dec 2019 19:19

Tgt Ion:101 Resp: 15379
Ion Ratio Lower Upper
101 100
85 41.2 33.7 50.5
151 73.0 64.5 96.7

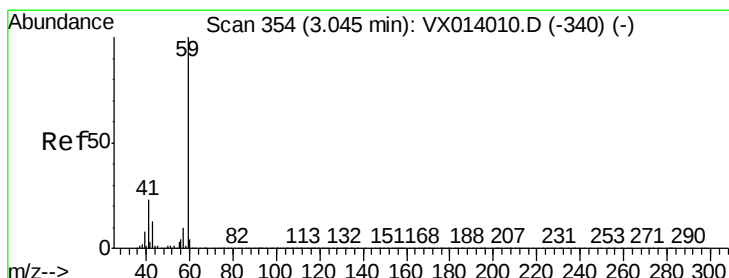
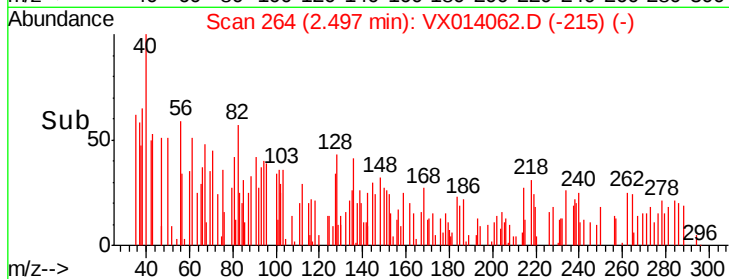
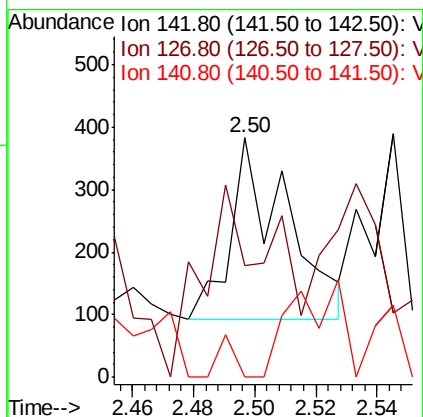
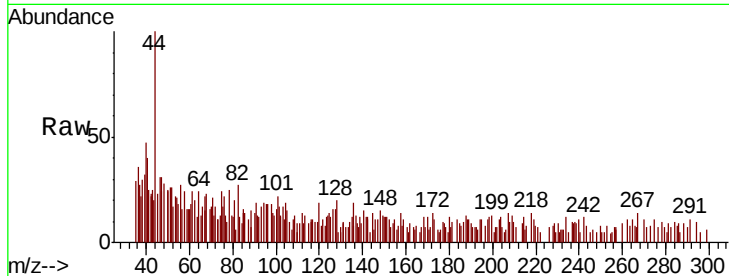




#10
Methvl Iodide
Concen: 2.671 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX014062.D
Acq: 17 Dec 2019 19:19

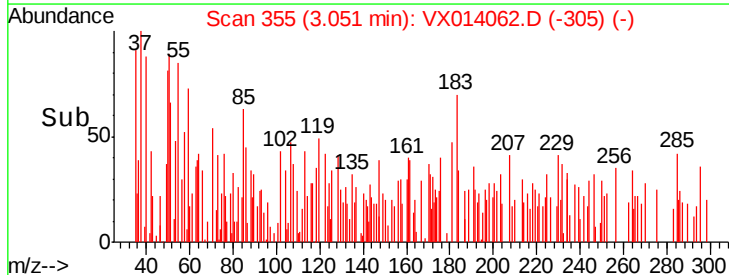
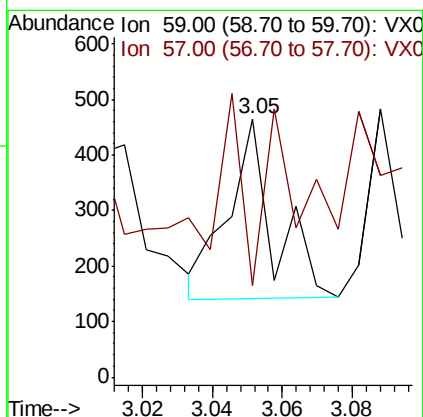
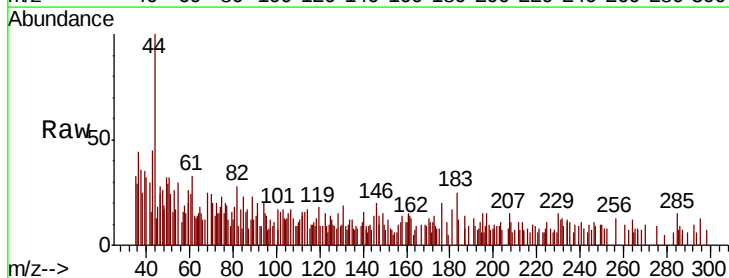
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20191207

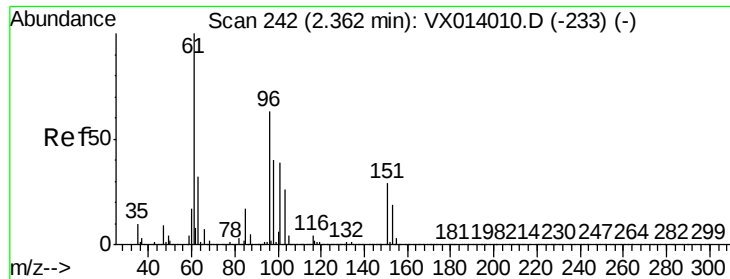
Tot Ion:142 Resp: 369
Ion Ratio Lower Upper
142 100
127 97.6 31.6 47.4#
141 6.5 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.218 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.01 min
Lab File: VX014062.D
Acq: 17 Dec 2019 19:19

Tgt Ion: 59 Resp: 295
Ion Ratio Lower Upper
59 100
57 79.7 8.4 12.6#





#12

1,1-Dichloroethene

Concen: 38.408 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20191207

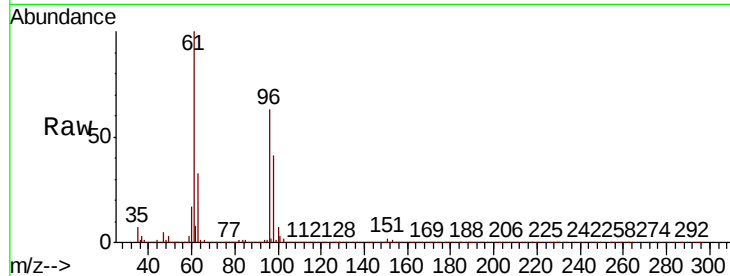
Tot Ion: 96 Resp: 204588

Ion Ratio Lower Upper

96 100

61 157.9 127.9 191.9

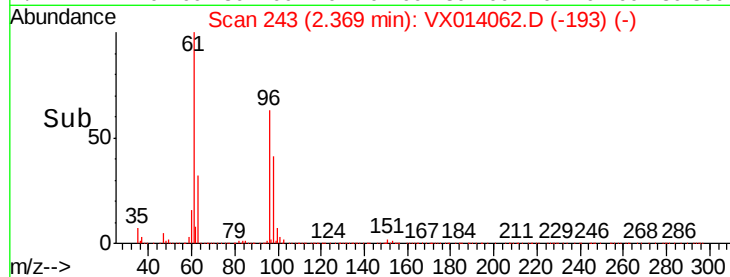
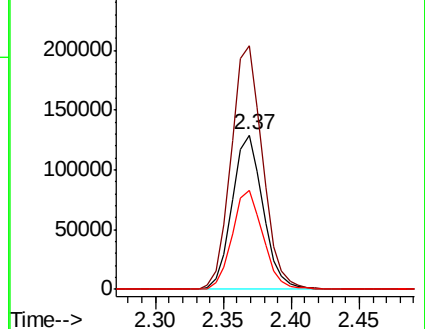
98 64.5 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#13

Acrolein

Concen: 0.471 ug/l

RT: 2.31 min Scan# 234

Delta R.T. 0.03 min

Lab File: VX014062.D

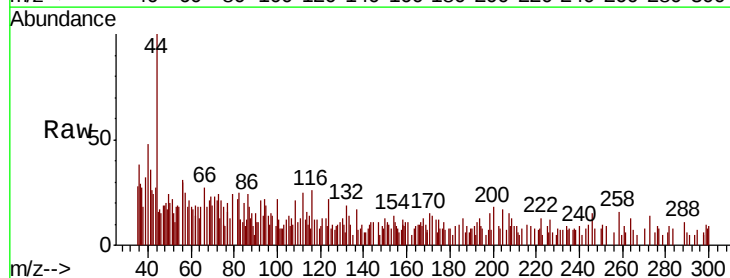
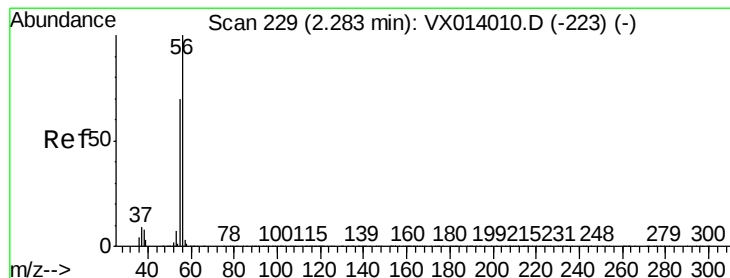
Acq: 17 Dec 2019 19:19

Tgt Ion: 56 Resp: 366

Ion Ratio Lower Upper

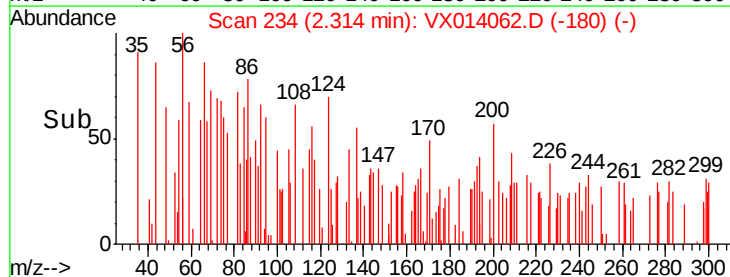
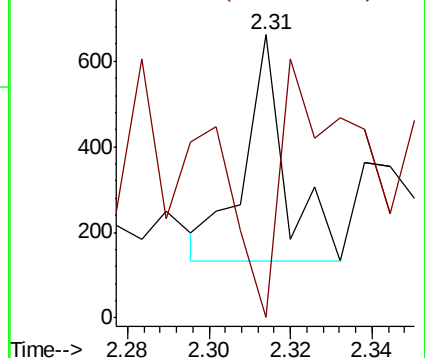
56 100

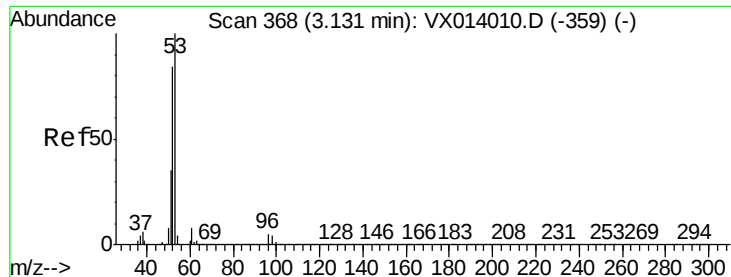
55 362.3 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.241 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.01 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

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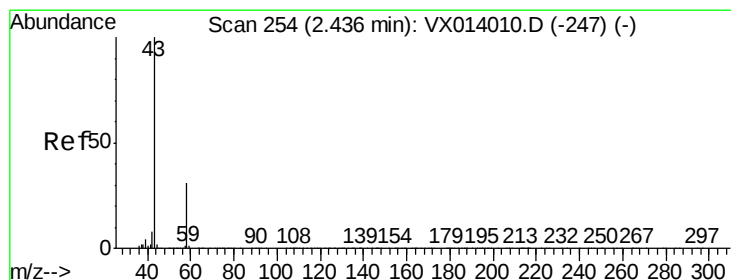
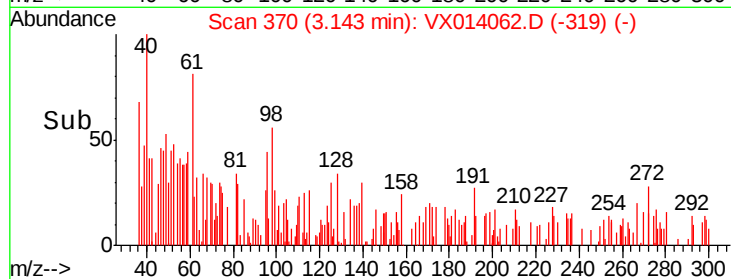
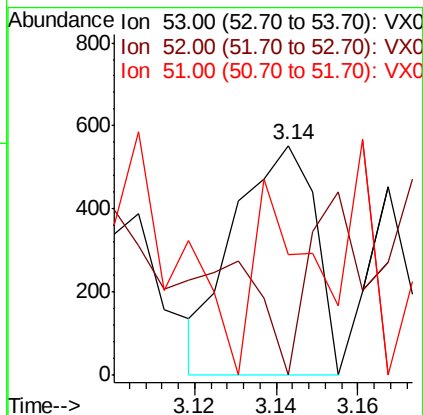
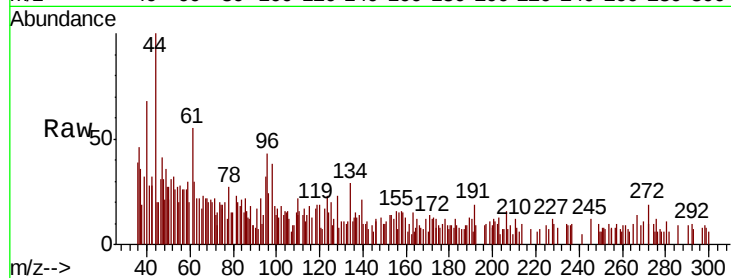
Tot Ion: 53 Resp: 762

Ion Ratio Lower Upper

53 100

52 47.5 66.5 99.7#

51 58.7 28.1 42.1#



#16

Acetone

Concen: 0.782 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014062.D

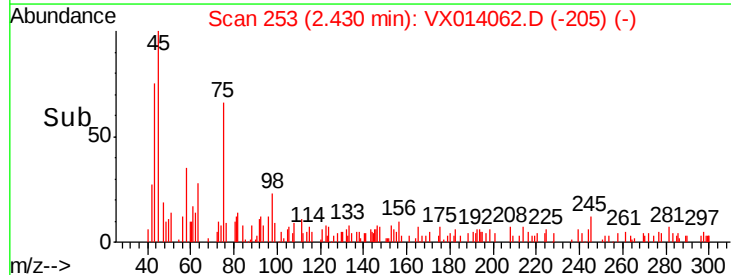
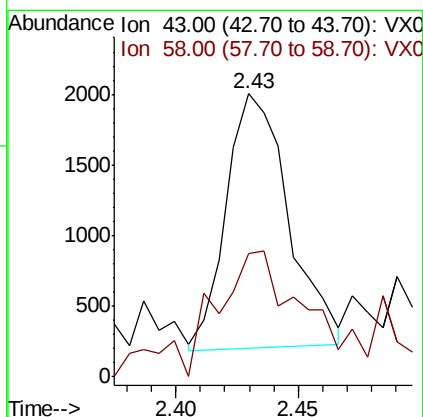
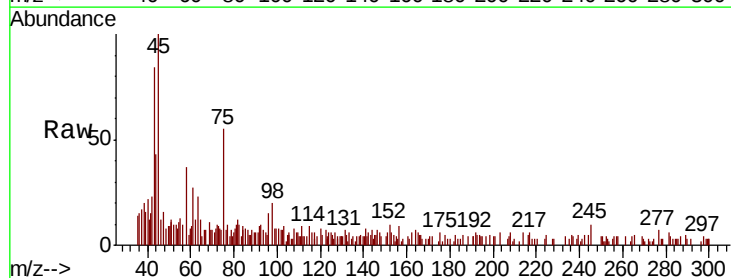
Acq: 17 Dec 2019 19:19

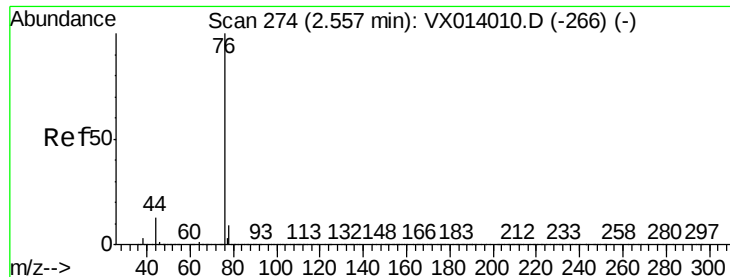
Tgt Ion: 43 Resp: 3186

Ion Ratio Lower Upper

43 100

58 49.3 24.9 37.3#





#17

Carbon Disulfide

Concen: 0.817 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

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ClientSampleId :

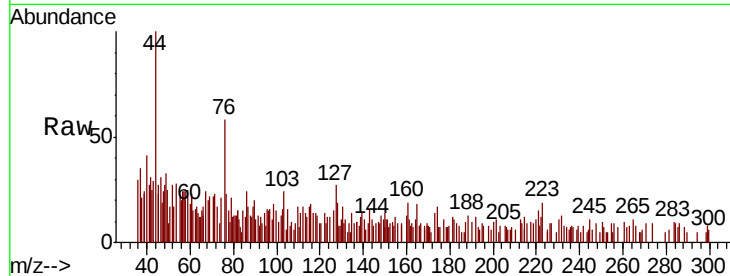
DUP05-20191207

Tot Ion: 76 Resp: 996

Ion Ratio Lower Upper

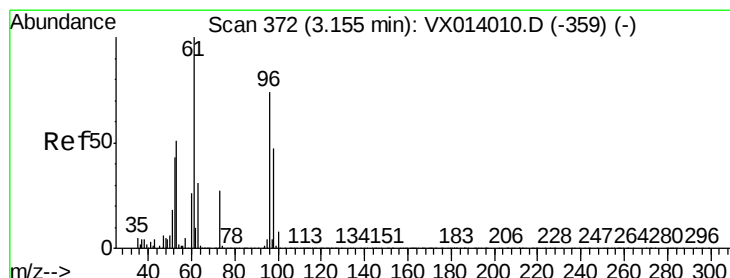
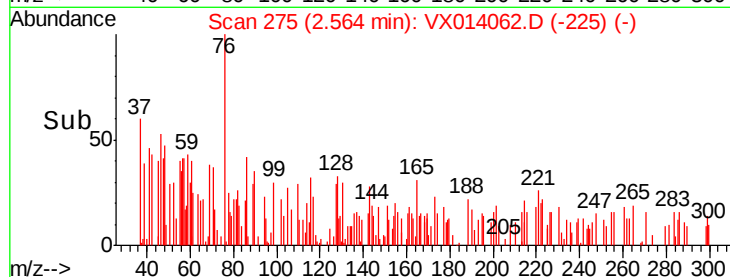
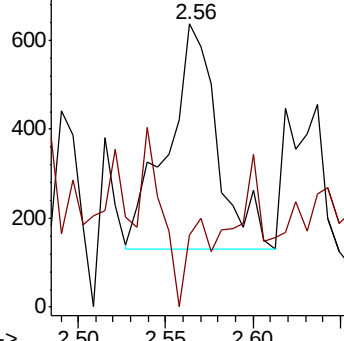
76 100

78 21.4 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.292 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

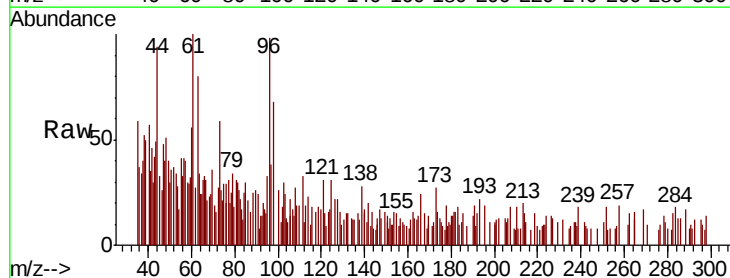
Tgt Ion: 96 Resp: 1713

Ion Ratio Lower Upper

96 100

61 66.7 108.3 162.5#

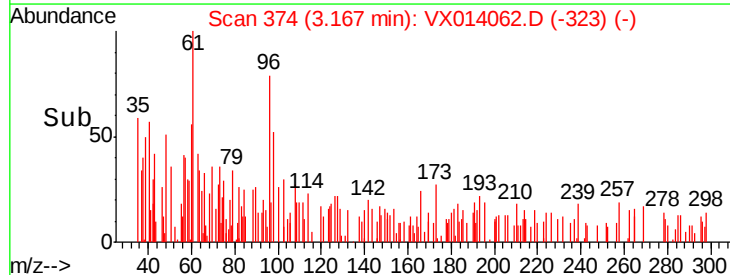
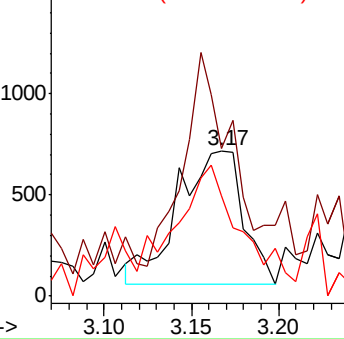
98 41.6 50.8 76.2#

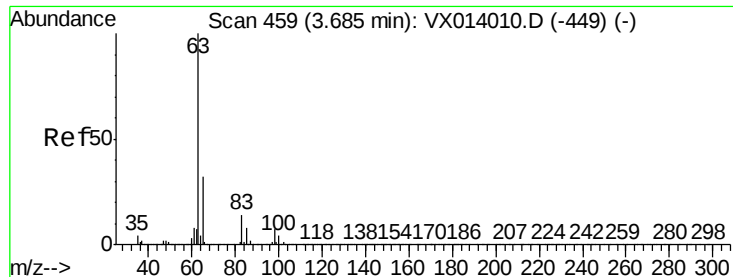


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 3.324 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

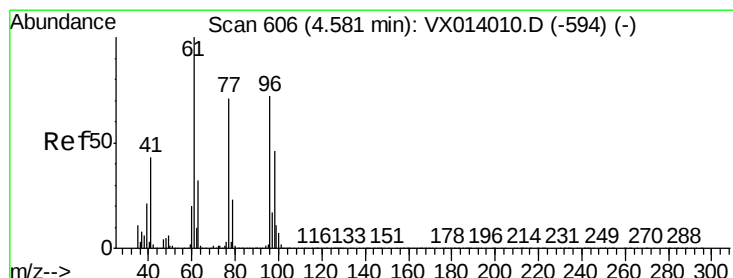
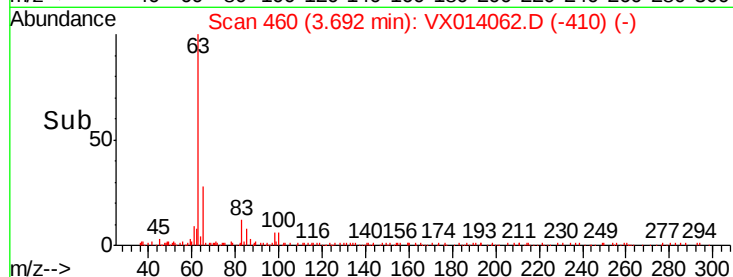
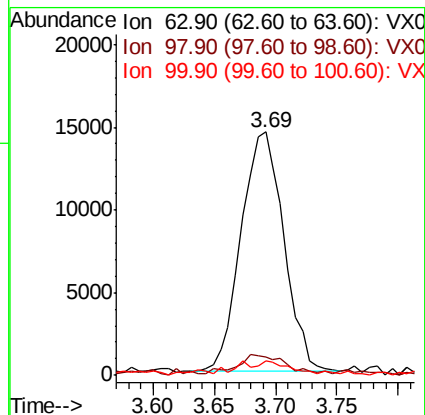
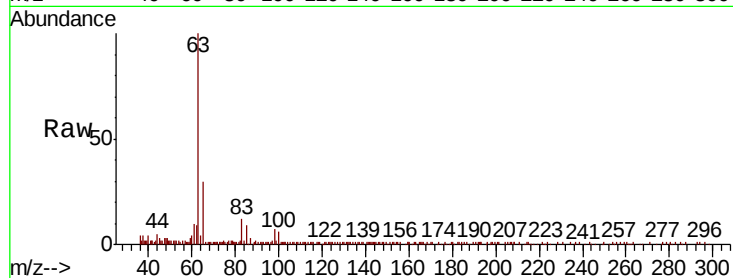
Instrument :

MSVOA_X

ClientSampleId :

DUP05-20191207

Tot Ion:	63	Resp:	35052
Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.6	10.8
100	5.1	2.3	6.8



#27

cis-1,2-Dichloroethene

Concen: 2.370 ug/l

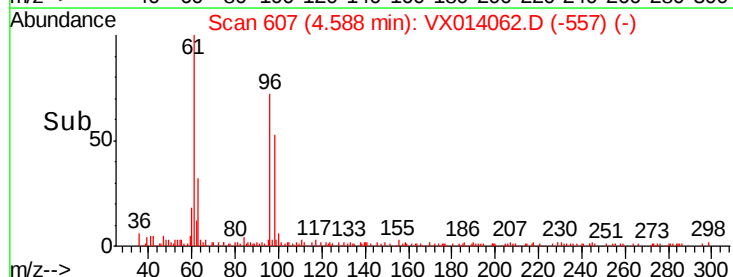
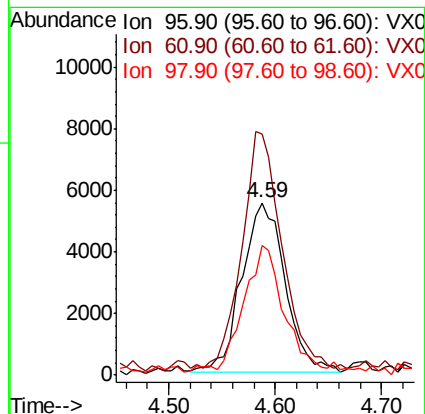
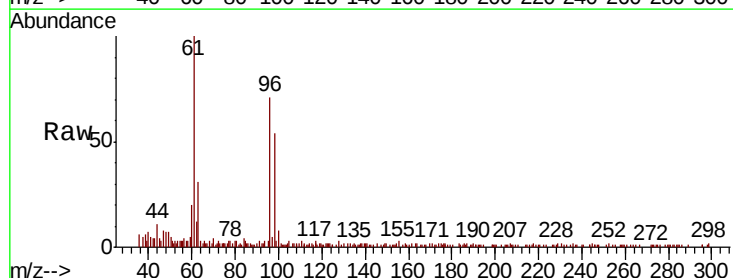
RT: 4.59 min Scan# 607

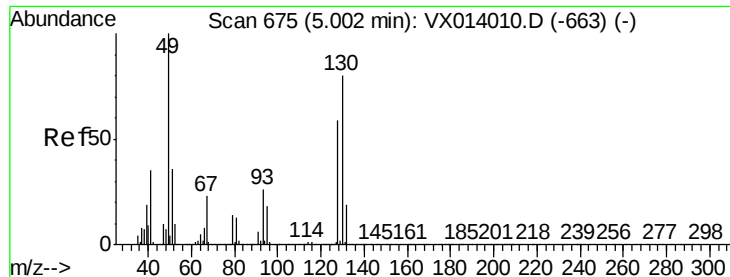
Delta R.T. 0.01 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

Tgt Ion:	96	Resp:	15727
Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	288.4
98	69.5	0.0	129.6





#28

Bromochloromethane

Concen: 0.740 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.04 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20191207

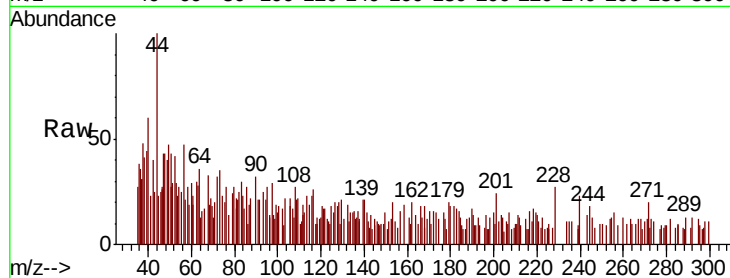
Tot Ion: 49 Resp: 1171

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

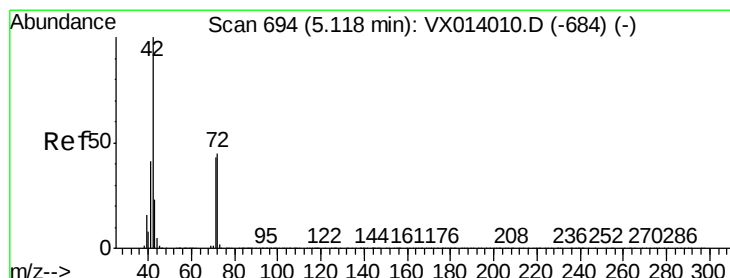
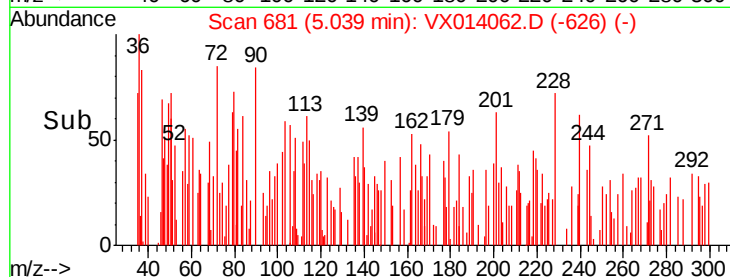
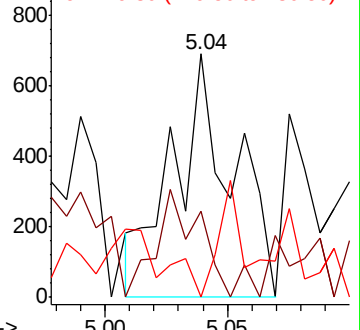
130 23.3 64.6 97.0#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.714 ug/l

RT: 5.14 min Scan# 698

Delta R.T. 0.02 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

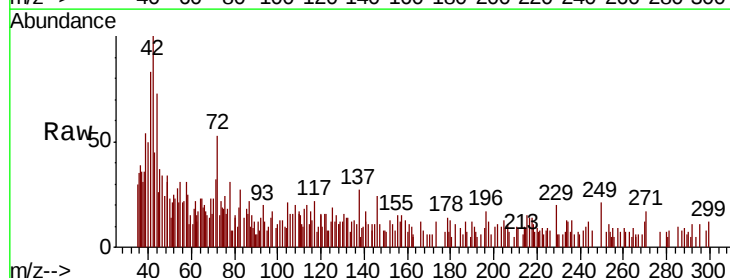
Tgt Ion: 42 Resp: 2006

Ion Ratio Lower Upper

42 100

72 44.1 35.8 53.8

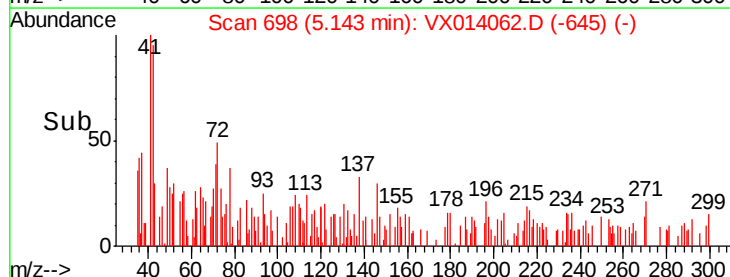
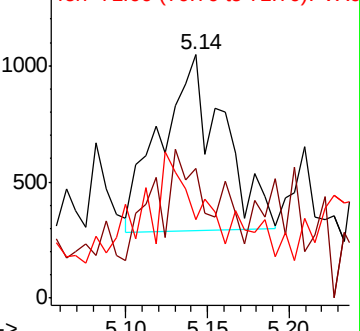
71 33.2 33.6 50.4#

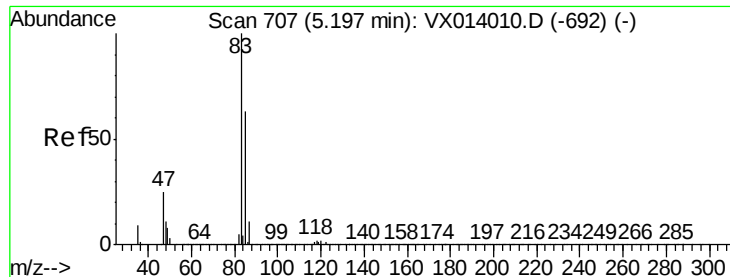


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

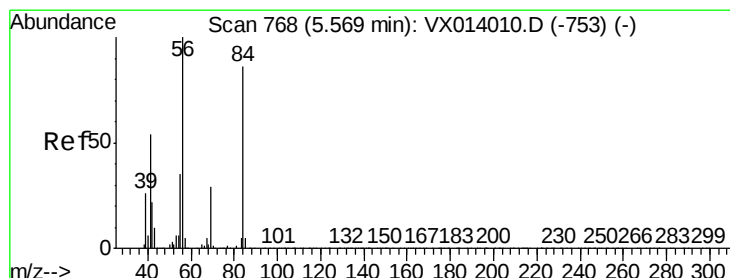
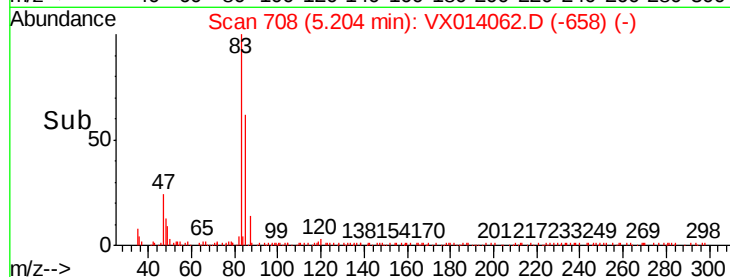
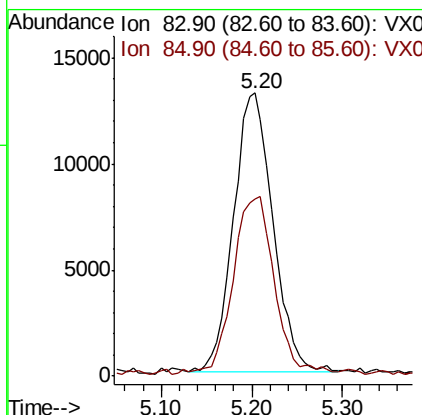
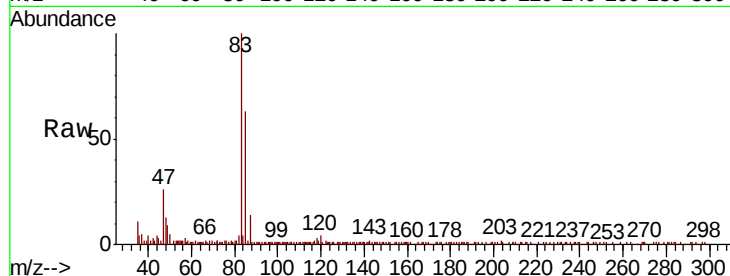




#30
Chloroform
Concen: 3.951 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014062.D
Acq: 17 Dec 2019 19:19

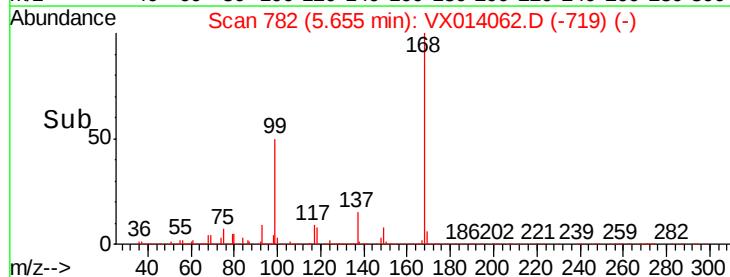
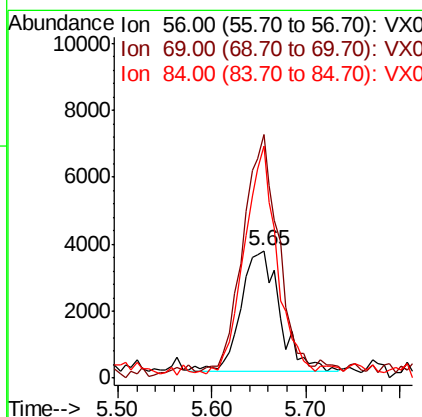
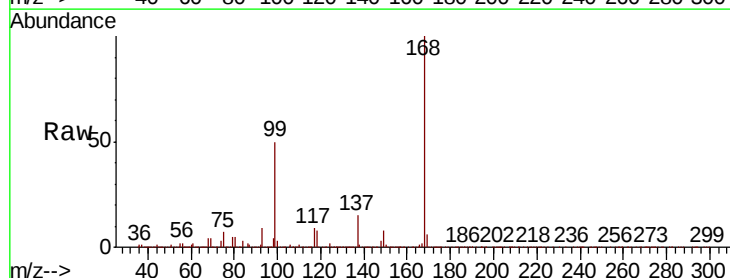
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20191207

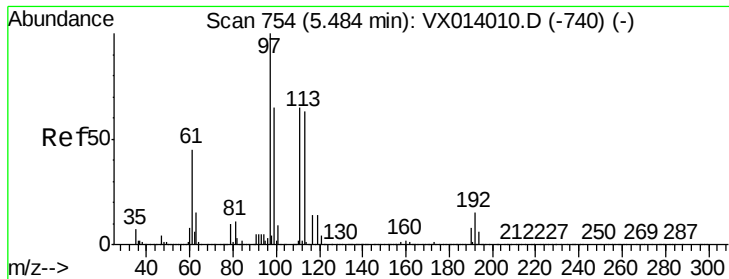
Tot Ion: 83 Resp: 39497
Ion Ratio Lower Upper
83 100
85 62.1 50.8 76.2



#31
Cyclohexane
Concen: 1.111 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.09 min
Lab File: VX014062.D
Acq: 17 Dec 2019 19:19

Tgt Ion: 56 Resp: 10419
Ion Ratio Lower Upper
56 100
69 194.3 23.2 34.8#
84 188.5 69.2 103.8#





#32

1,1,1-Trichloroethane

Concen: 5.955 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20191207

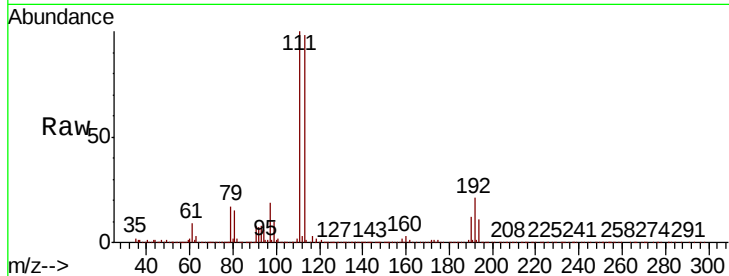
Tot Ion: 97 Resp: 50729

Ion Ratio Lower Upper

97 100

99 63.1 52.0 78.0

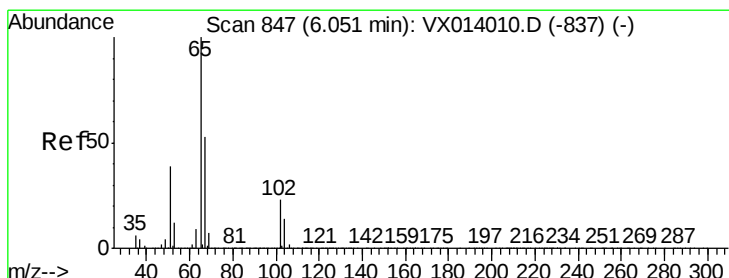
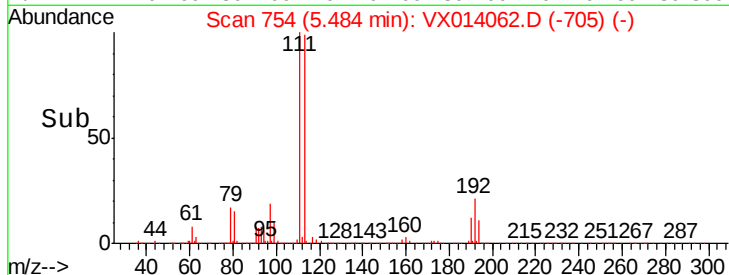
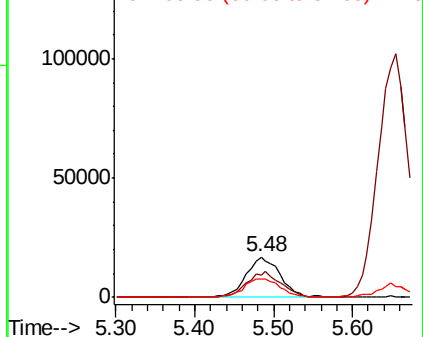
61 46.1 36.7 55.1



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.966 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014062.D

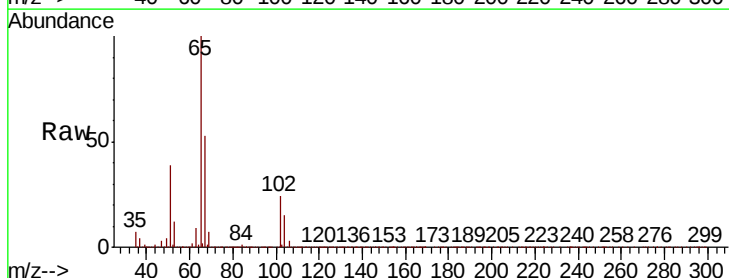
Acq: 17 Dec 2019 19:19

Tgt Ion: 65 Resp: 313587

Ion Ratio Lower Upper

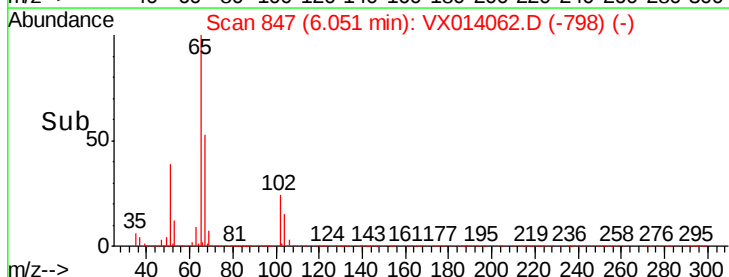
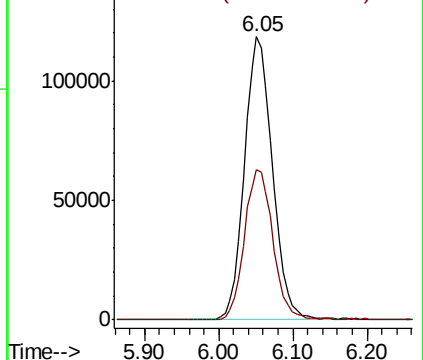
65 100

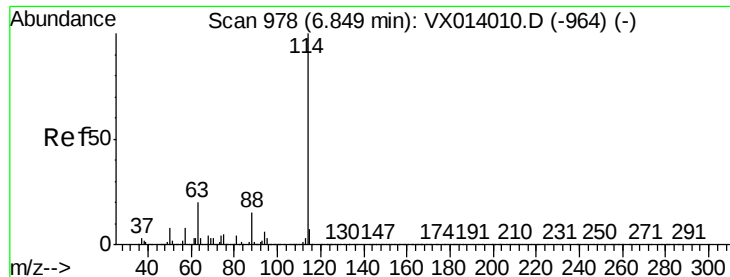
67 53.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

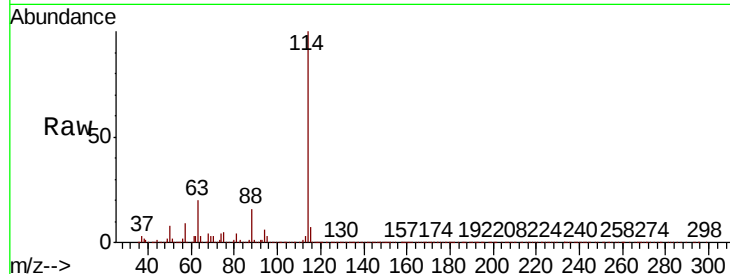




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014062.D
Acq: 17 Dec 2019 19:19

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20191207

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.8
88	15.6	0.0	30.4

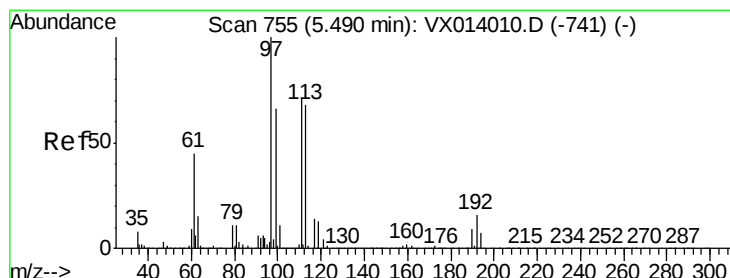
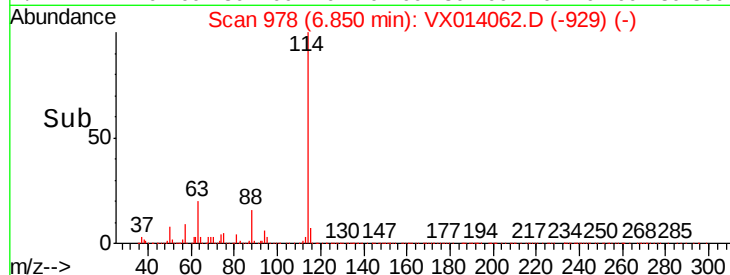
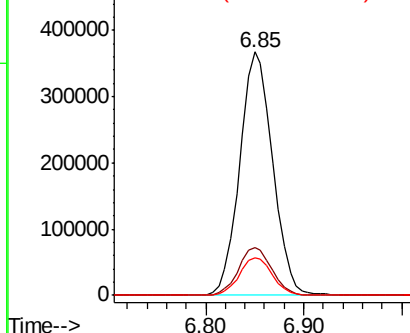


Abundance

Ion 113.90 (113.60 to 114.60): V

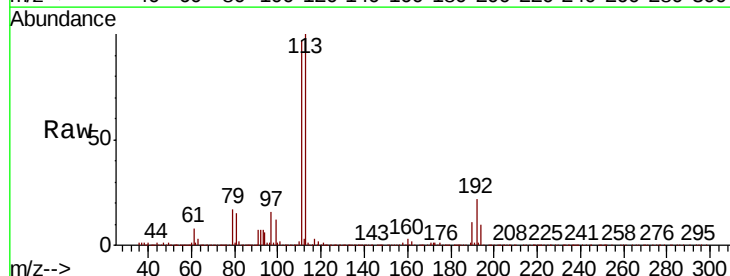
Ion 63.00 (62.70 to 63.70): VX

Ion 87.90 (87.60 to 88.60): VX



#35
Dibromofluoromethane
Concen: 50.145 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014062.D
Acq: 17 Dec 2019 19:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.0	123.0
192	22.9	19.3	28.9

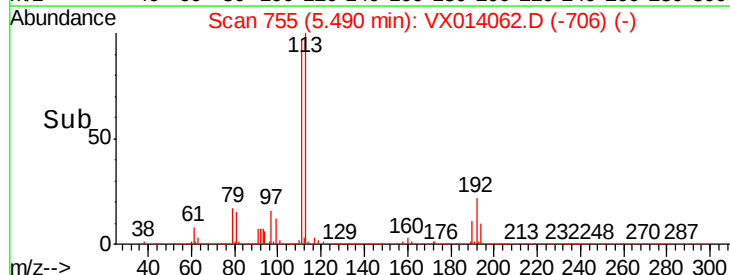
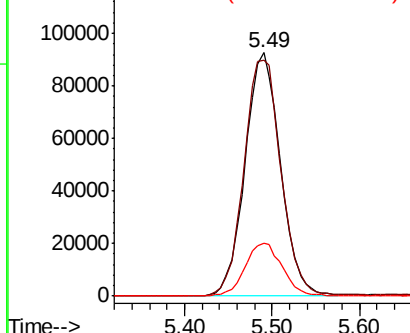


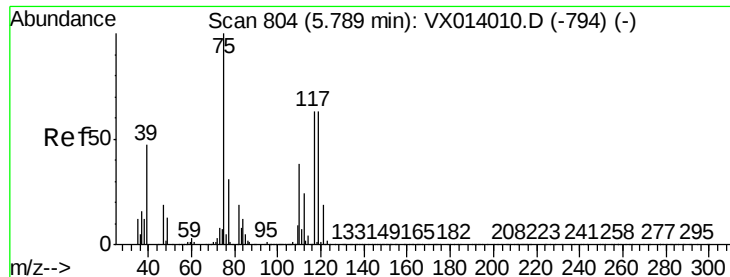
Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

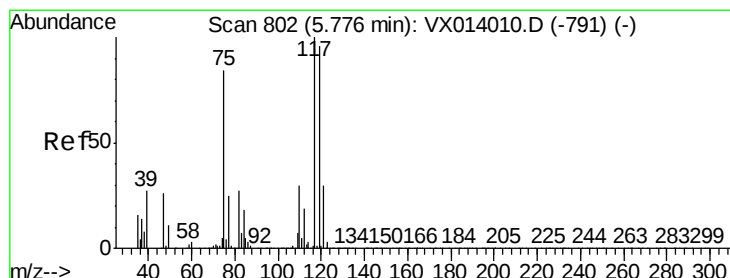
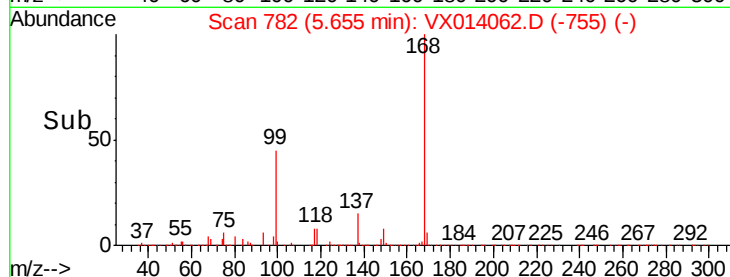
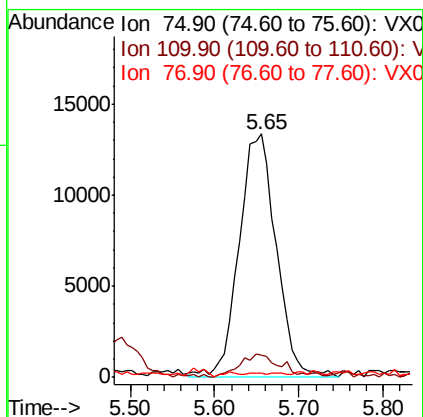
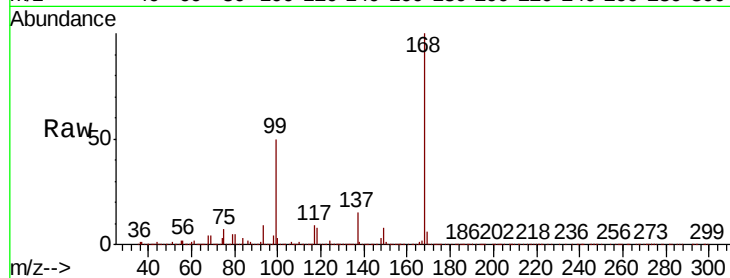




#36
 1,1-Dichloropropene
 Concen: 5.094 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX014062.D
 Acq: 17 Dec 2019 19:19

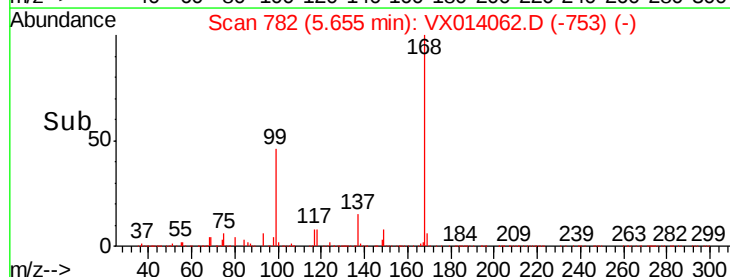
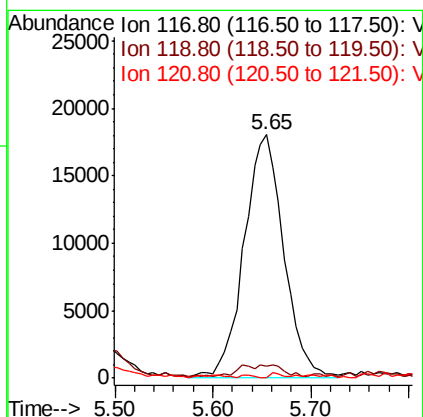
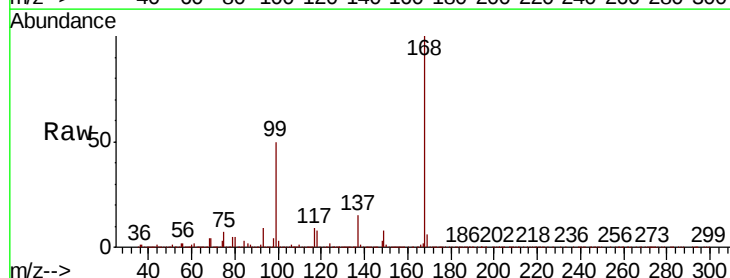
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20191207

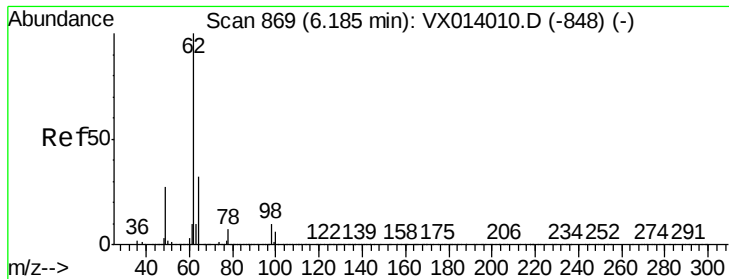
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.3	54.9#
77	0.3	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 7.114 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX014062.D
 Acq: 17 Dec 2019 19:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.2	114.4#
121	0.0	23.6	35.4#





#42

1,2-Dichloroethane

Concen: 0.214 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

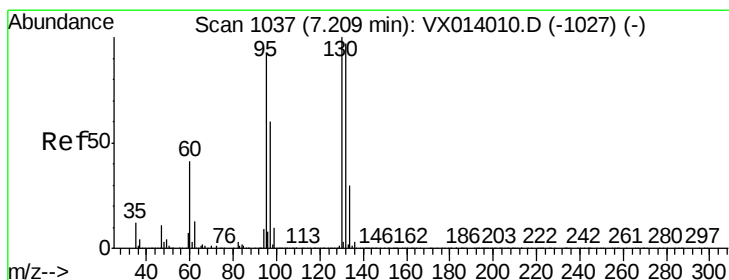
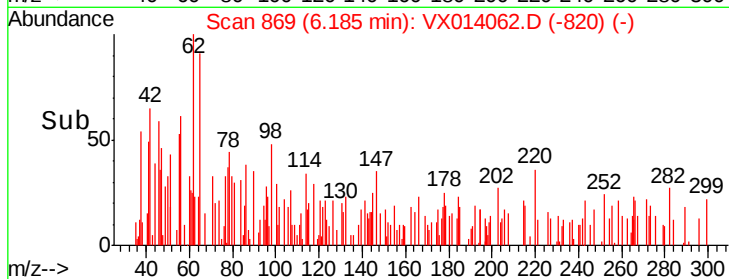
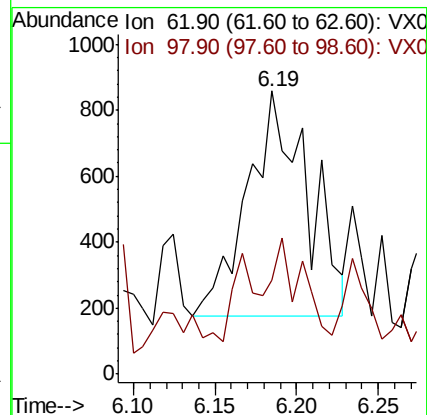
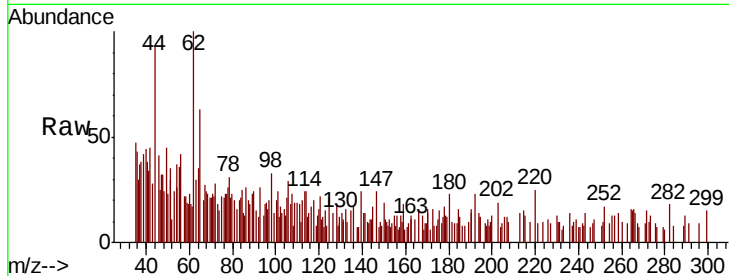
DUP05-20191207

Tot Ion: 62 Resp: 1754

Ion Ratio Lower Upper

62 100

98 19.7 0.0 21.0



#44

Trichloroethene

Concen: 70.480 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014062.D

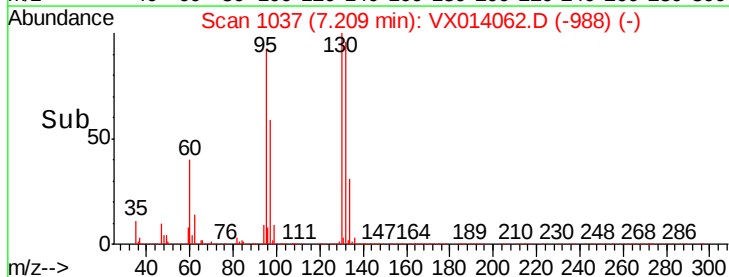
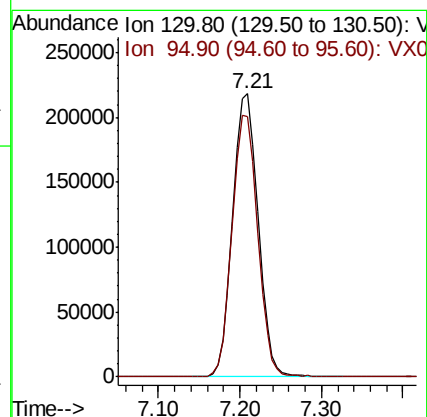
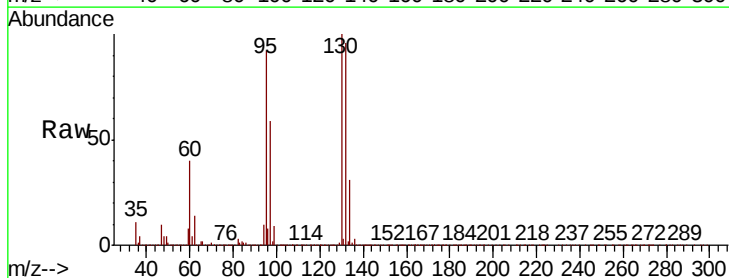
Acq: 17 Dec 2019 19:19

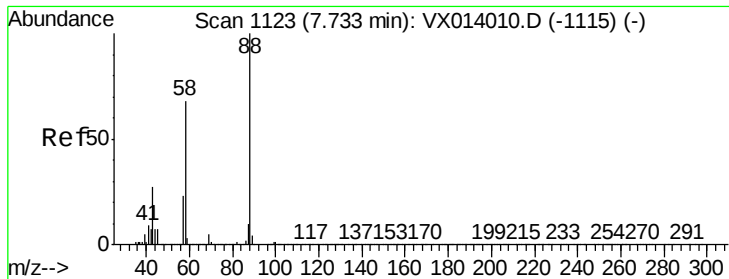
Tgt Ion: 130 Resp: 470688

Ion Ratio Lower Upper

130 100

95 91.7 0.0 185.6





#49

1,4-Dioxane

Concen: 18.825 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20191207

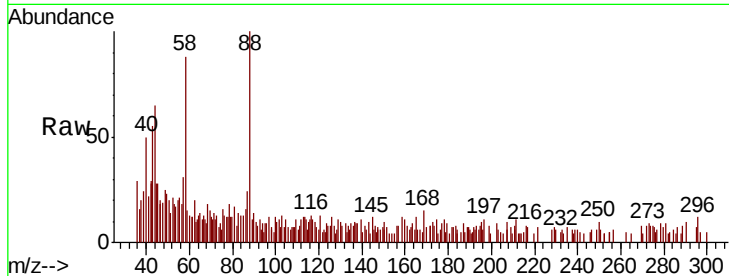
Tot Ion: 88 Resp: 2694

Ion Ratio Lower Upper

88 100

43 75.6 26.5 39.7#

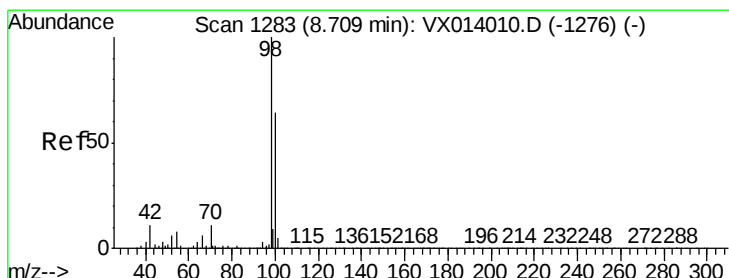
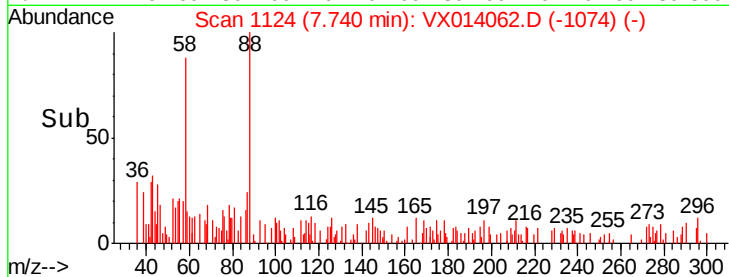
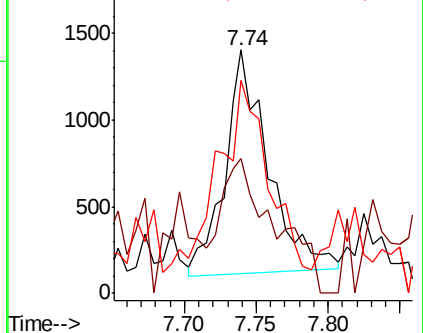
58 93.3 56.8 85.2#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.101 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014062.D

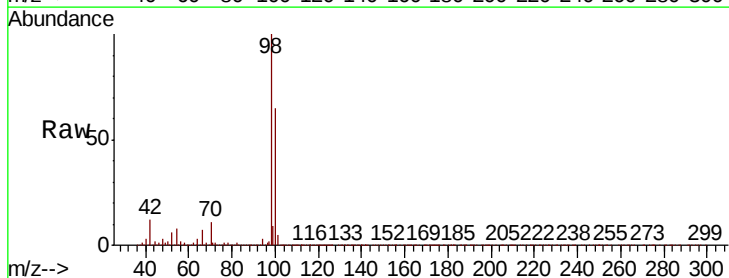
Acq: 17 Dec 2019 19:19

Tgt Ion: 98 Resp: 1015470

Ion Ratio Lower Upper

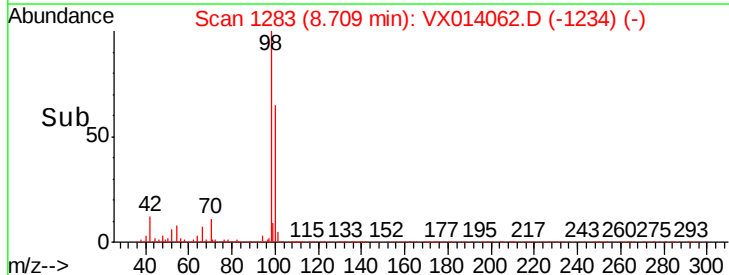
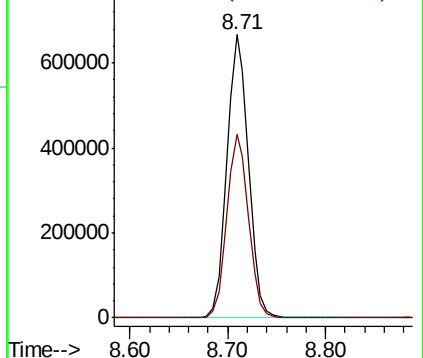
98 100

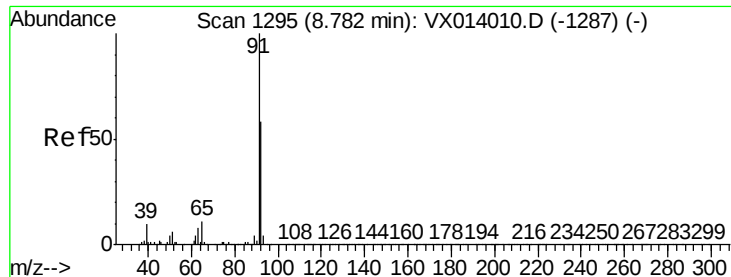
100 65.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.229 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

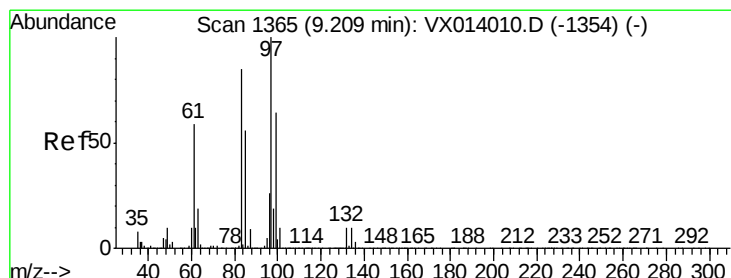
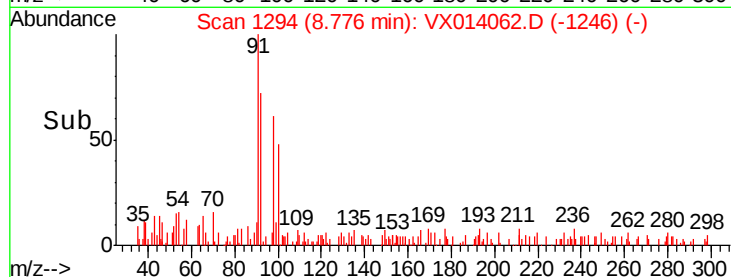
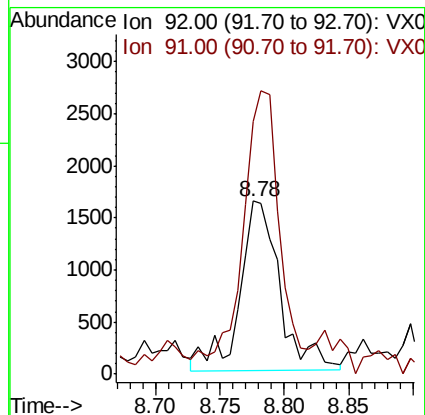
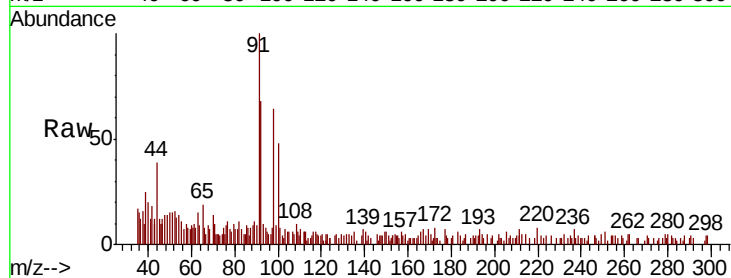
DUP05-20191207

Tot Ion: 92 Resp: 3500

Ion Ratio Lower Upper

92 100

91 151.5 136.2 204.4



#55

1,1,2-Trichloroethane

Concen: 0.370 ug/l

RT: 9.22 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

Tgt Ion: 97 Resp: 2266

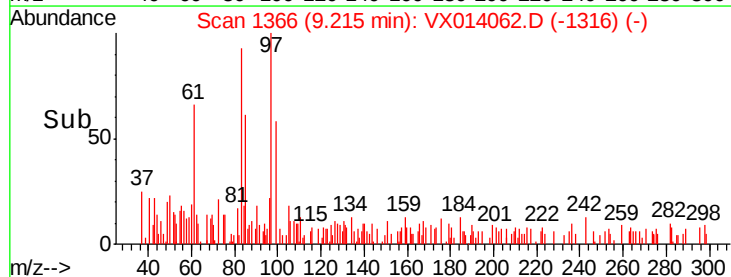
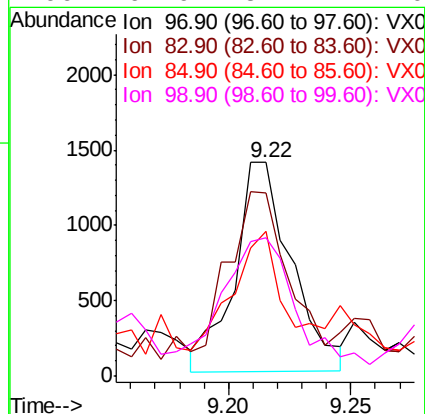
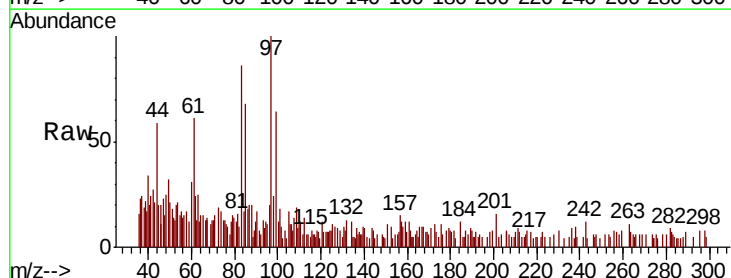
Ion Ratio Lower Upper

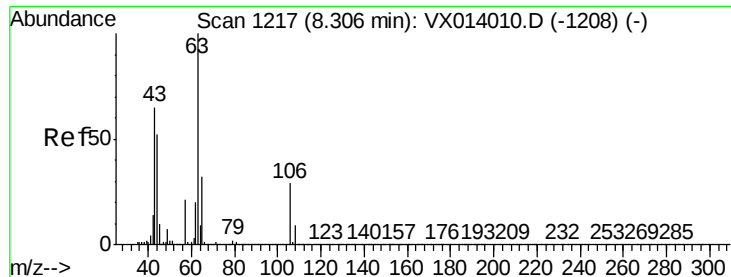
97 100

83 84.7 68.2 102.4

85 55.6 44.6 66.8

99 62.9 51.4 77.0

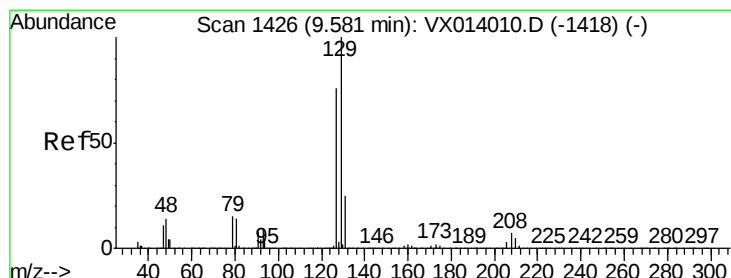
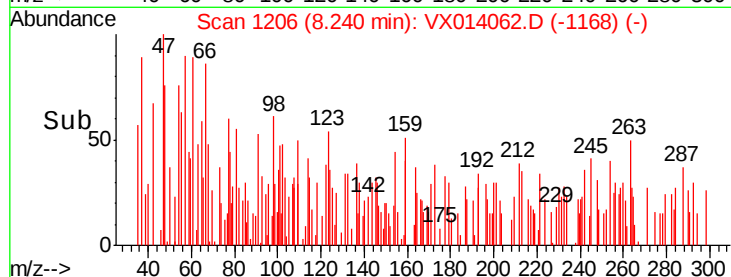
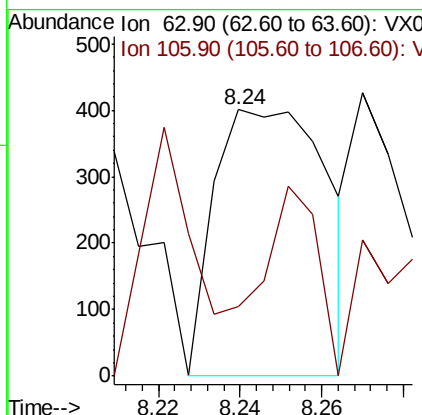
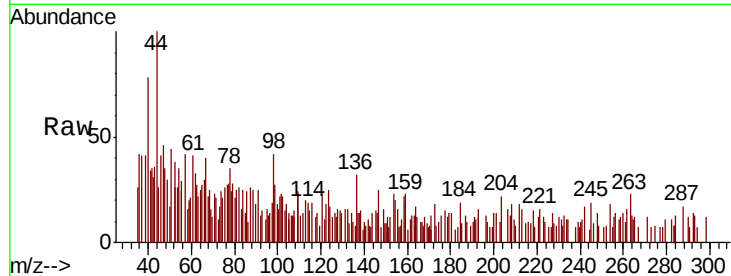




#58
2-Chloroethyl Vinyl ether
Concen: 0.211 ug/l
RT: 8.24 min Scan# 1206
Delta R.T. -0.07 min
Lab File: VX014062.D
Acq: 17 Dec 2019 19:19

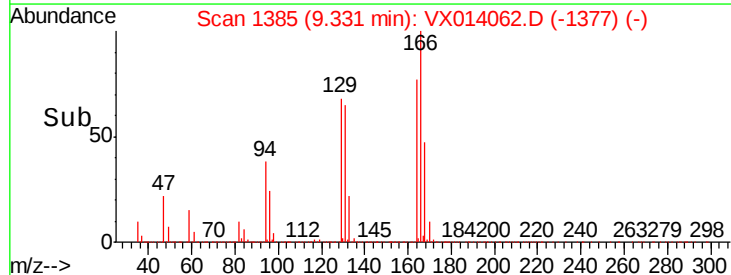
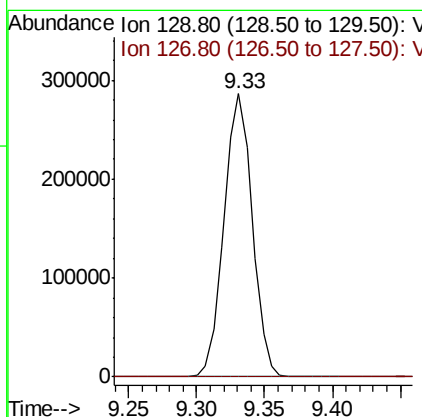
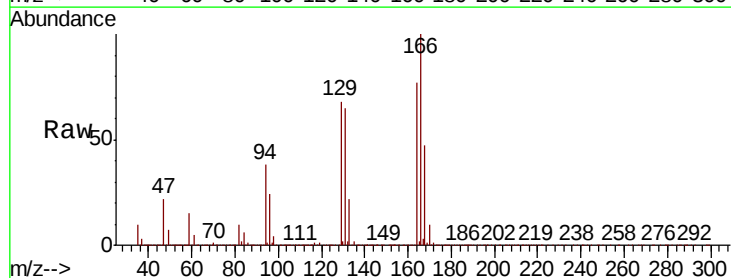
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20191207

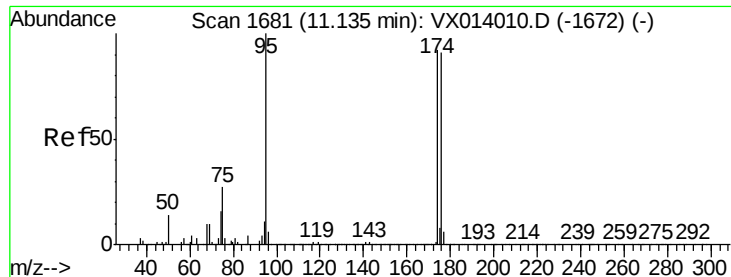
Tot Ion: 63 Resp: 770
Ion Ratio Lower Upper
63 100
106 31.9 23.0 34.6



#60
Dibromochloromethane
Concen: 67.814 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX014062.D
Acq: 17 Dec 2019 19:19

Tgt Ion: 129 Resp: 412876
Ion Ratio Lower Upper
129 100
127 0.1 38.4 115.2#

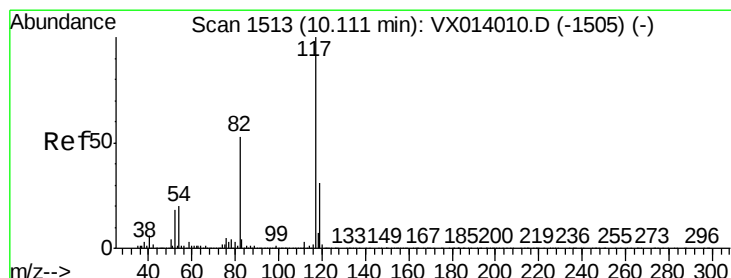
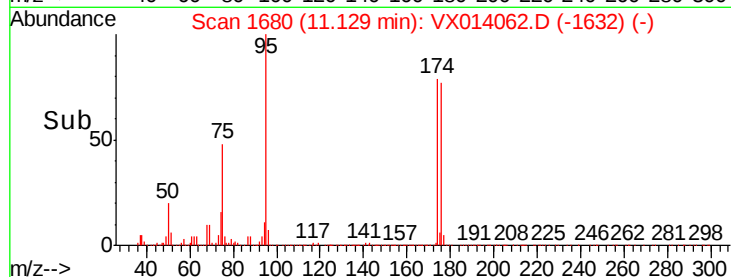
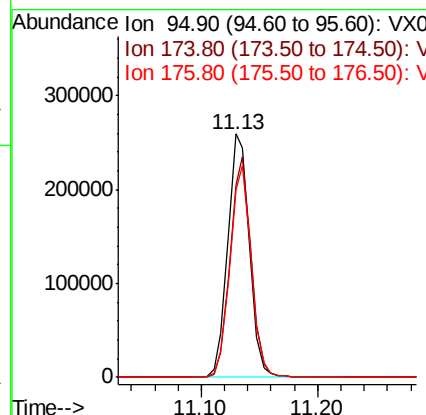
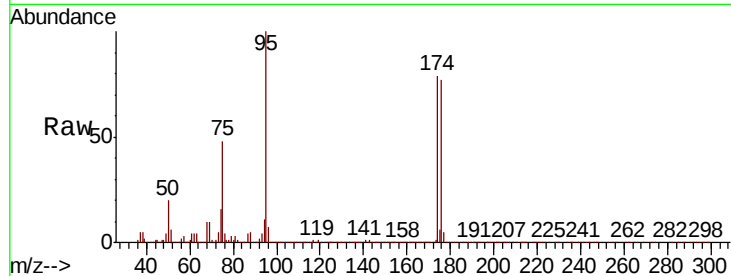




#62
4-Bromofluorobenzene
Concen: 44.823 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014062.D
Acq: 17 Dec 2019 19:19

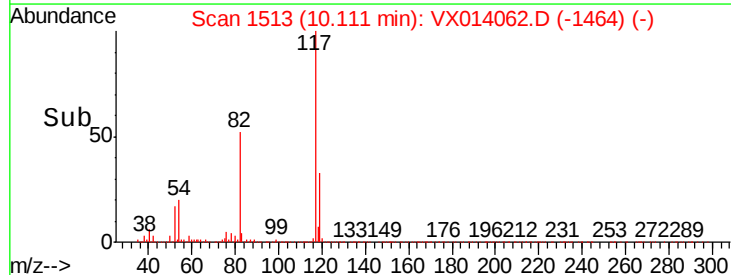
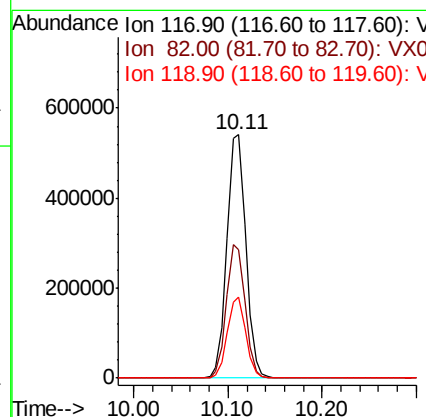
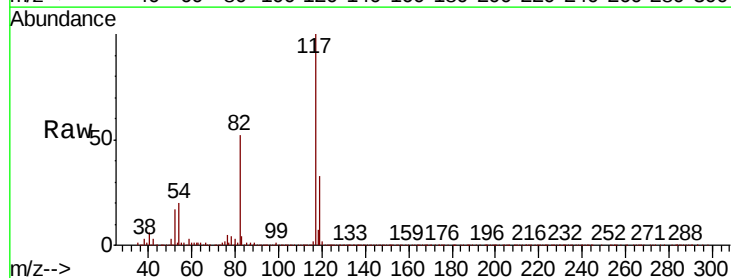
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20191207

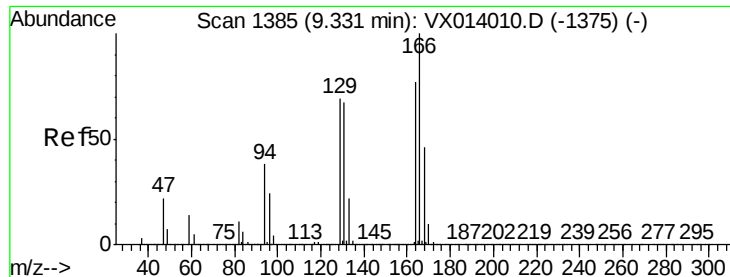
Tot Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	175.8
176	85.9	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014062.D
Acq: 17 Dec 2019 19:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.2	63.4
119	33.0	25.1	37.7

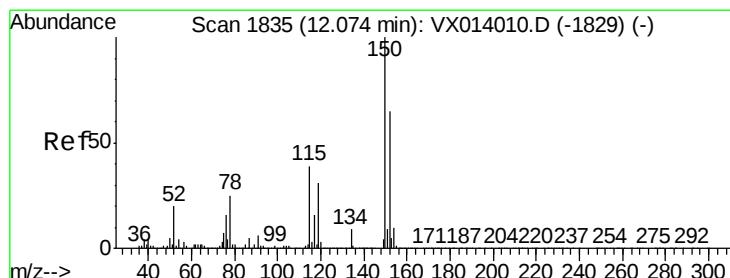
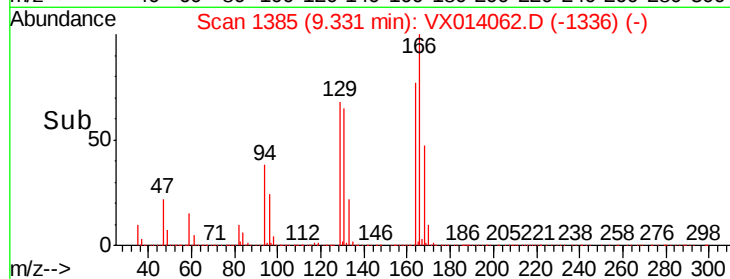
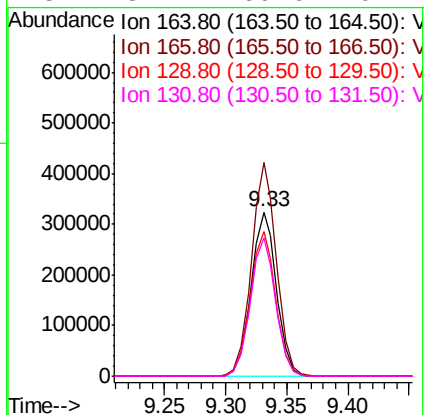
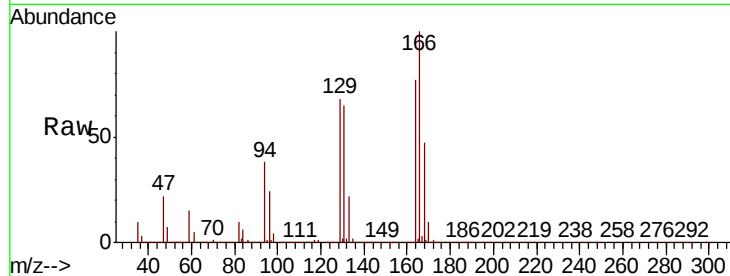




#64
Tetrachloroethene
Concen: 69.500 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014062.D
Acq: 17 Dec 2019 19:19

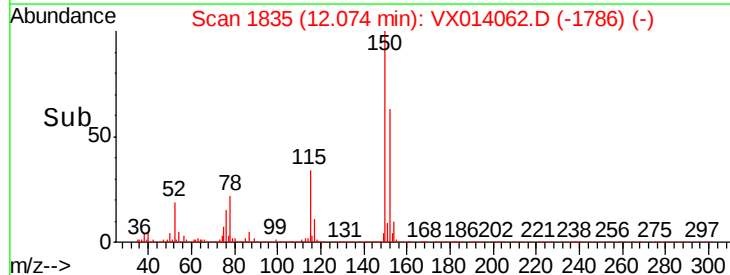
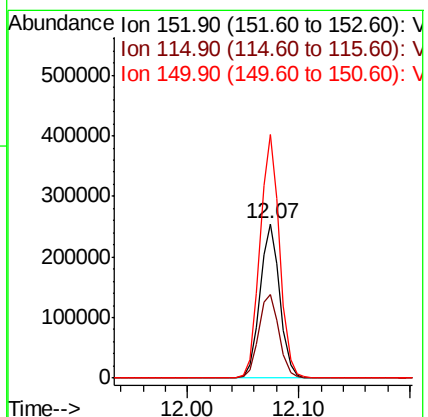
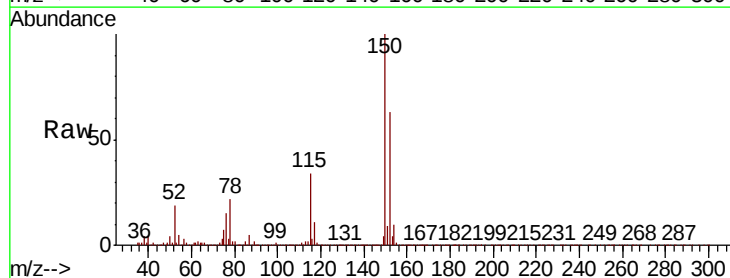
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20191207

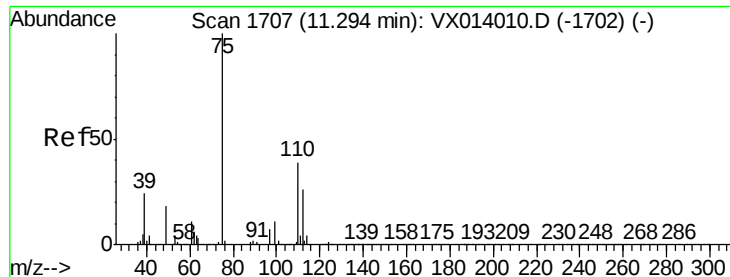
Tot Ion:	164	Resp:	466757
Ion	Ratio	Lower	Upper
164	100		
166	130.0	104.0	156.0
129	88.2	72.2	108.4
131	84.4	69.6	104.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014062.D
Acq: 17 Dec 2019 19:19

Tgt Ion:	152	Resp:	316592
Ion	Ratio	Lower	Upper
152	100		
115	55.7	38.3	114.9
150	156.3	0.0	345.4





#76

1,2,3-Trichloropropane

Concen: 23.433 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

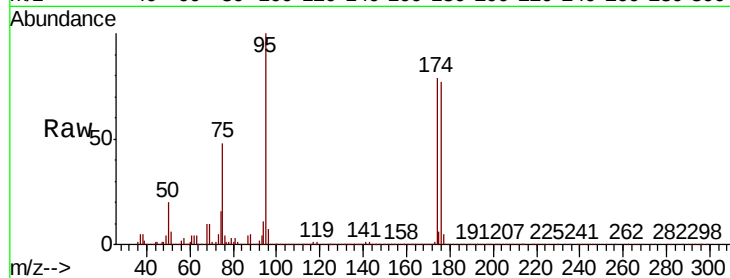
DUP05-20191207

Tot Ion: 75 Resp: 161056

Ion Ratio Lower Upper

75 100

77 1.6 19.3 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

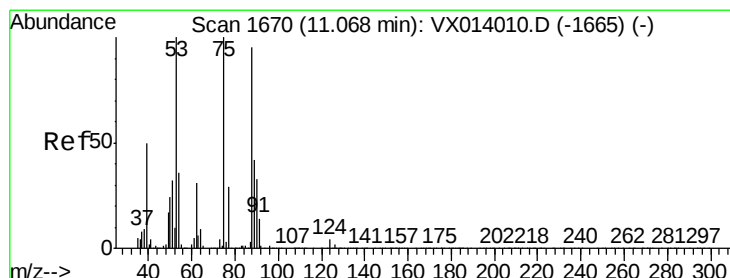
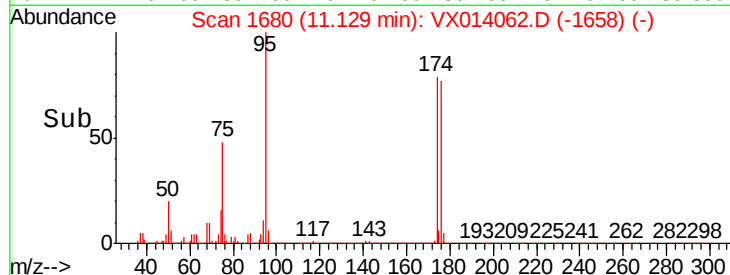
11.13

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 66.139 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014062.D

Acq: 17 Dec 2019 19:19

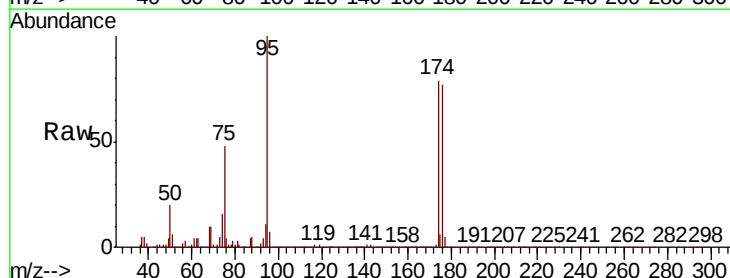
Tgt Ion: 75 Resp: 161056

Ion Ratio Lower Upper

75 100

53 0.0 76.7 115.1#

89 0.2 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

11.13

150000

100000

50000

0

Time-->

