

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121619\
 Data File : VX014044.D
 Acq On : 16 Dec 2019 18:43
 Operator : JC/SP
 Sample : K6251-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20191206

Quant Time: Dec 17 03:32:07 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	571844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	873001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	774632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	329207	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	319495	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
35) Dibromofluoromethane	5.49	113	260985	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
50) Toluene-d8	8.71	98	1036707	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	336961	44.62	ug/l	0.00
Spiked Amount			Recovery	=	89.24%	

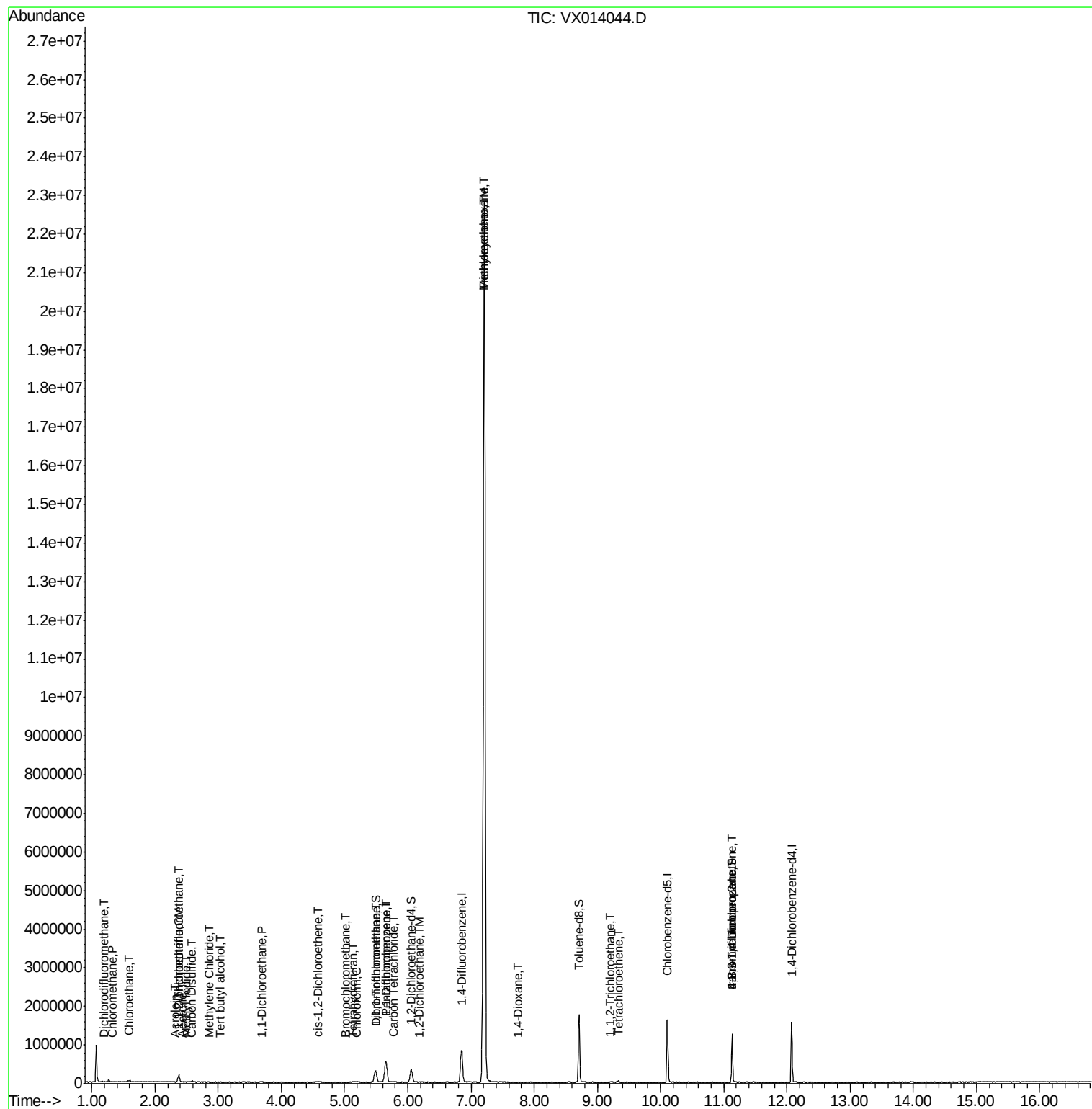
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	1942	0.380	ug/l	88
3) Chloromethane	1.32	50	2070	0.302	ug/l	93
6) Chloroethane	1.58	64	8507	1.903	ug/l #	45
9) 1,1,2-Trichlorotrifluoroet	2.37	101	70496	13.041	ug/l	99
10) Methyl Iodide	2.49	142	169	2.643	ug/l #	1
11) Tert butyl alcohol	3.02	59	2780	1.985	ug/l #	74
12) 1,1-Dichloroethene	2.37	96	22858	4.155	ug/l	92
13) Acrolein	2.31	56	300	0.374	ug/l #	5
16) Acetone	2.43	43	7969	1.894	ug/l #	88
17) Carbon Disulfide	2.57	76	931	0.810	ug/l #	75
20) Methylene Chloride	2.85	84	1800	0.272	ug/l #	62
24) 1,1-Dichloroethane	3.69	63	11410	1.048	ug/l #	93
27) cis-1,2-Dichloroethene	4.59	96	16468	2.403	ug/l	86
28) Bromochloromethane	5.01	49	665	0.611	ug/l #	18
29) Tetrahydrofuran	5.14	42	2382	0.821	ug/l #	88
30) Chloroform	5.20	83	15627	1.514	ug/l	92
32) 1,1,1-Trichloroethane	5.48	97	2946	0.335	ug/l #	48
36) 1,1-Dichloropropene	5.65	75	39000	4.869	ug/l #	50
38) Carbon Tetrachloride	5.77	117	18585	2.547	ug/l	93
39) Methylcyclohexane	7.21	83	99403	10.050	ug/l #	1
42) 1,2-Dichloroethane	6.18	62	2228	0.267	ug/l	92
44) Trichloroethene	7.21	130	8803196	1293.138	ug/l	96
49) 1,4-Dioxane	7.75	88	1277	8.754	ug/l #	75
55) 1,1,2-Trichloroethane	9.21	97	6075	0.973	ug/l	93
64) Tetrachloroethene	9.33	164	10028	1.463	ug/l	92
76) 1,2,3-Trichloropropane	11.13	75	165334	23.133	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	165334	65.294	ug/l #	11

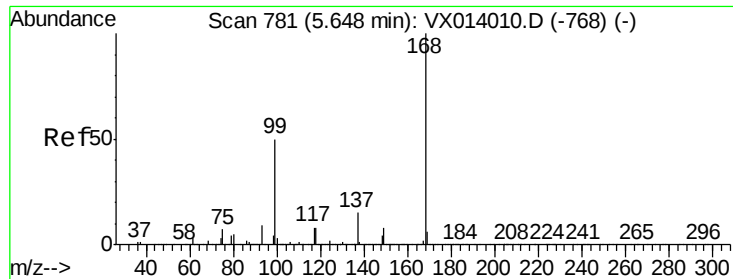
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121619\
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Quant Time: Dec 17 03:32:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

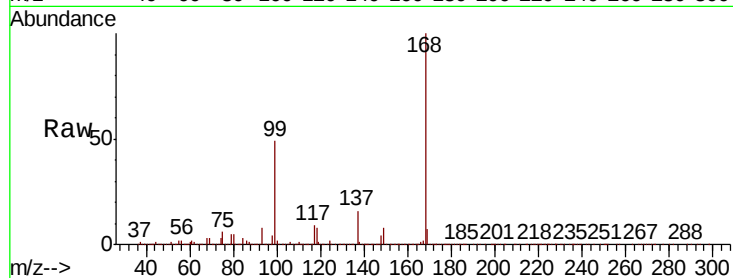
RE105D2-20191206

Tot Ion:168 Resp: 571844

Ion Ratio Lower Upper

168 100

99 49.4 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

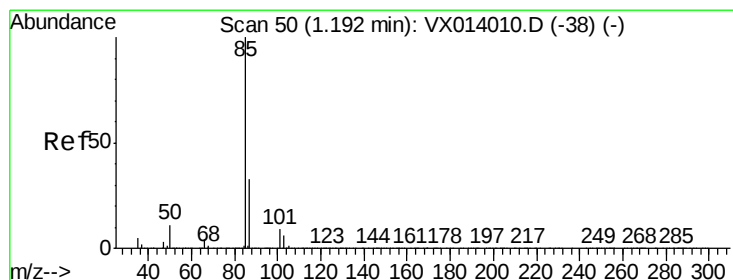
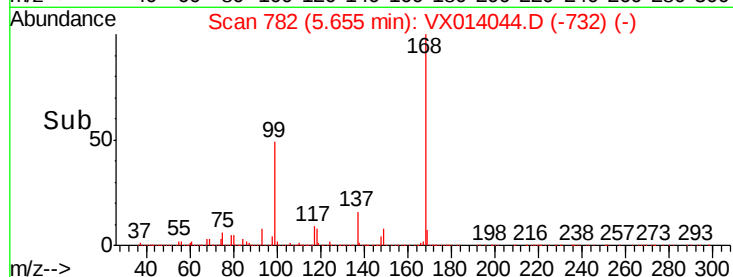
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.380 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014044.D

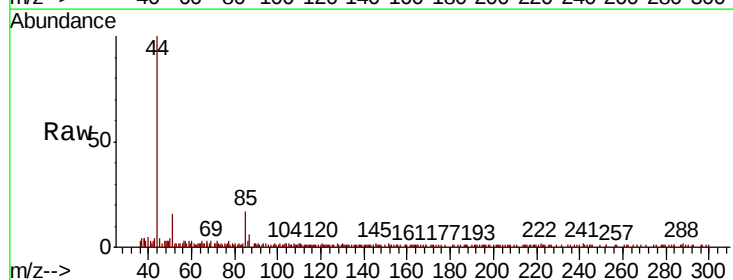
Acq: 16 Dec 2019 18:43

Tgt Ion: 85 Resp: 1942

Ion Ratio Lower Upper

85 100

87 26.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

2000

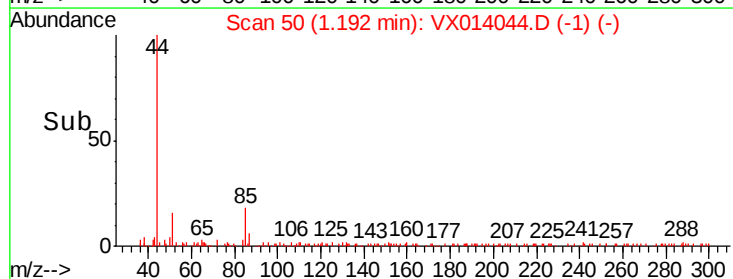
1500

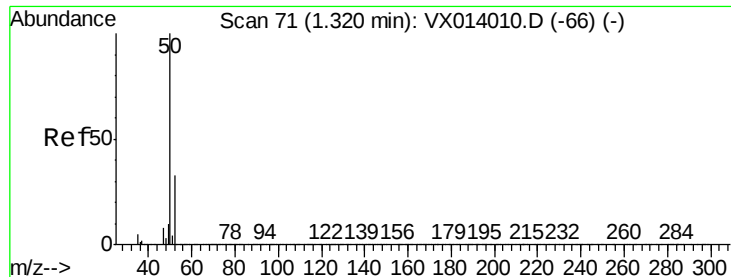
1000

500

0

Time-->





#3

Chloromethane

Concen: 0.302 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

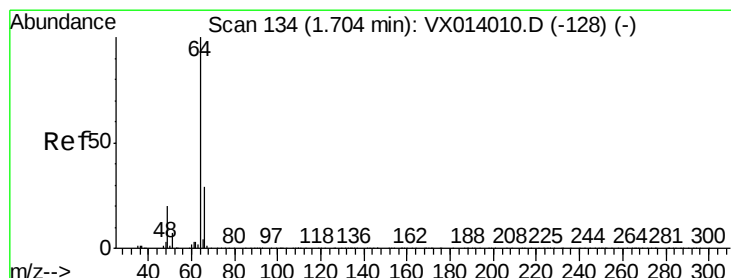
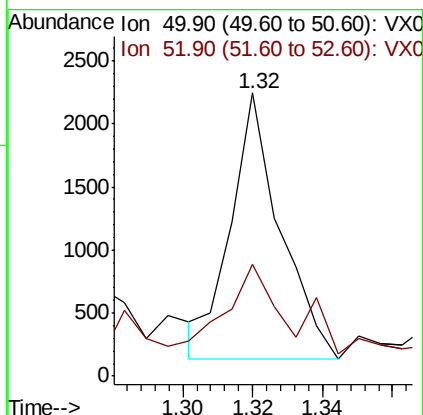
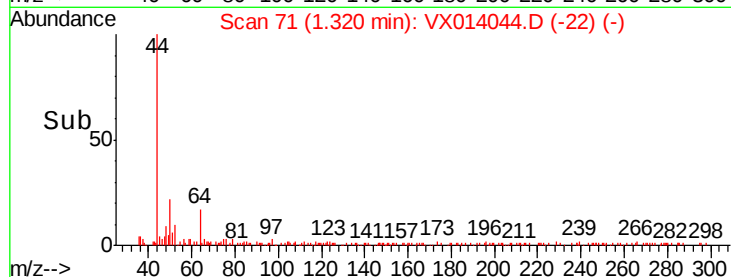
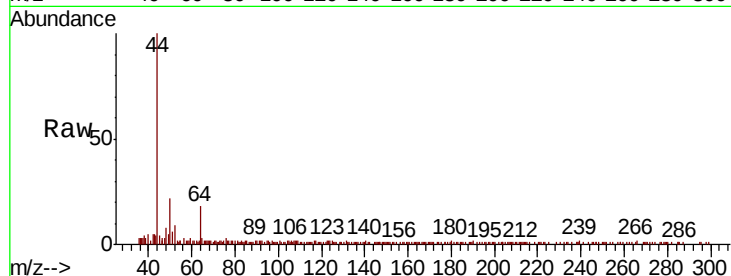
RE105D2-20191206

Tot Ion: 50 Resp: 2070

Ion Ratio Lower Upper

50 100

52 29.1 26.2 39.4



#6

Chloroethane

Concen: 1.903 ug/l

RT: 1.58 min Scan# 114

Delta R.T. -0.12 min

Lab File: VX014044.D

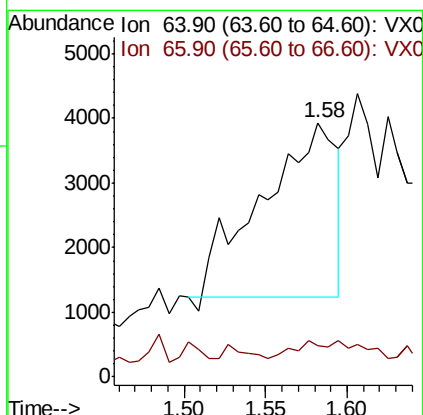
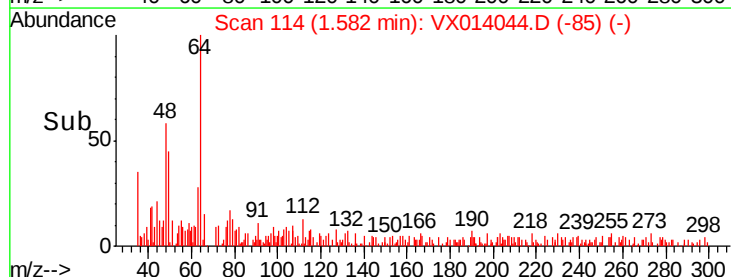
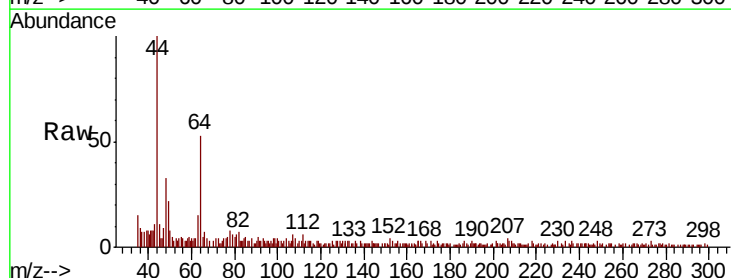
Acq: 16 Dec 2019 18:43

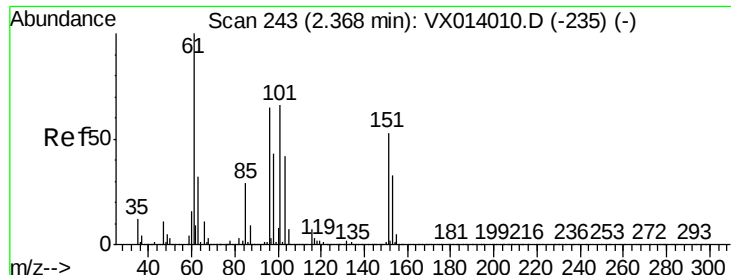
Tgt Ion: 64 Resp: 8507

Ion Ratio Lower Upper

64 100

66 0.0 23.4 35.2#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.041 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20191206

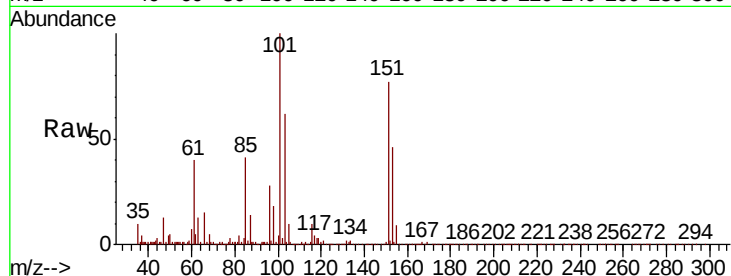
Tot Ion:101 Resp: 70496

Ion Ratio Lower Upper

101 100

85 42.9 33.7 50.5

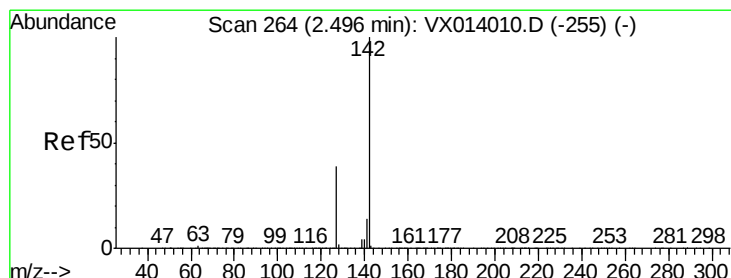
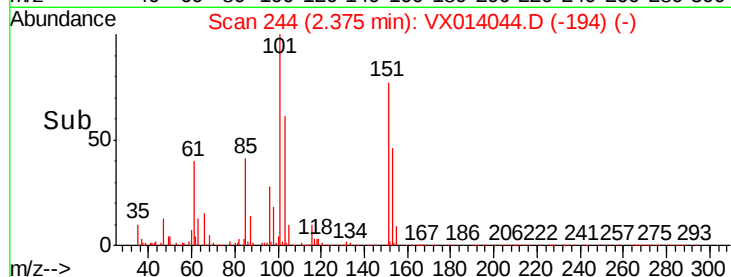
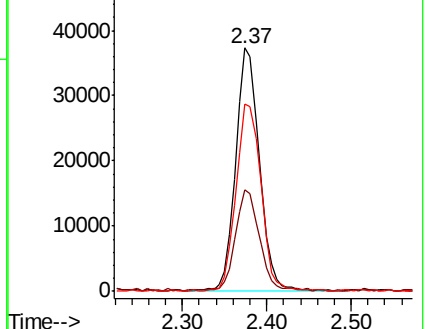
151 80.1 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.643 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

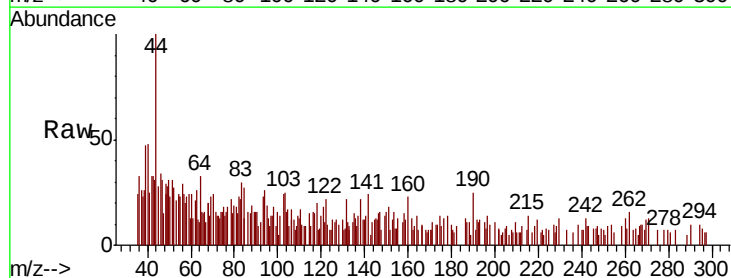
Tgt Ion:142 Resp: 169

Ion Ratio Lower Upper

142 100

127 0.0 31.6 47.4#

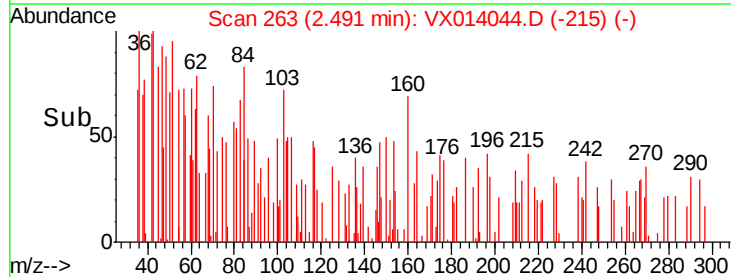
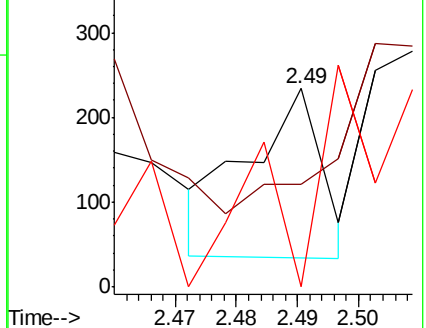
141 155.0 11.6 17.4#

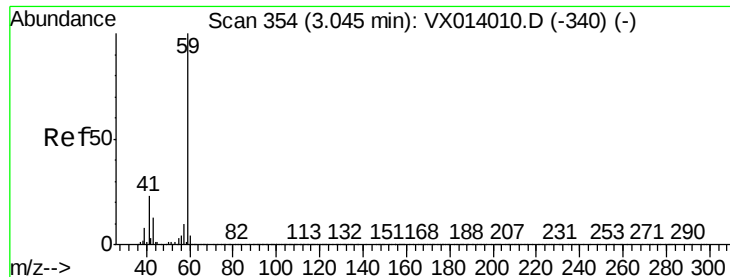


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



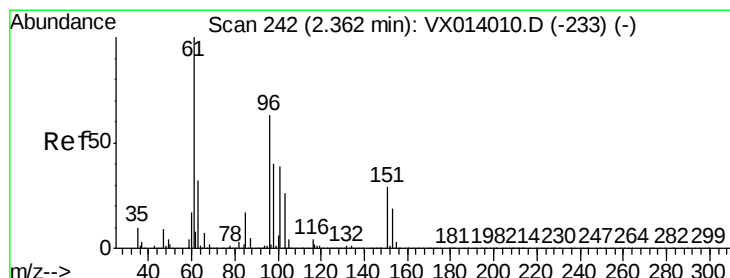
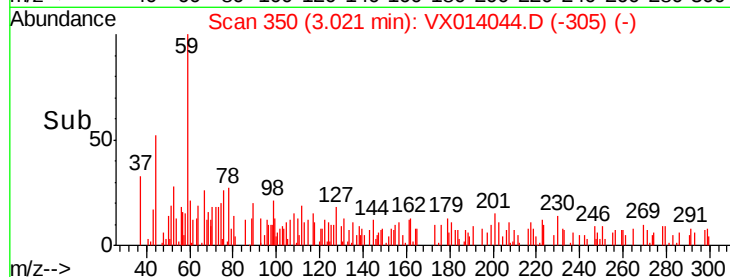
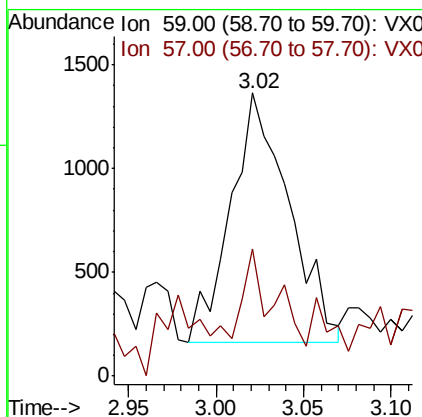
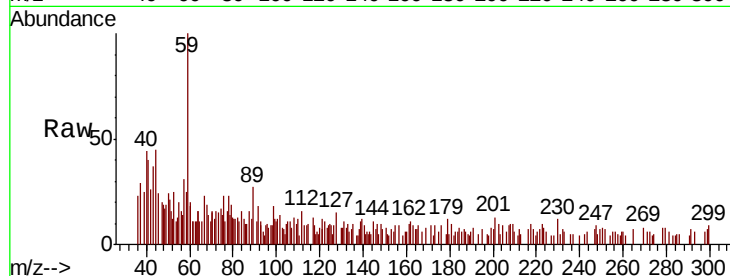


#11

Tert butyl alcohol
Concen: 1.985 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014044.D
Acq: 16 Dec 2019 18:43

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20191206

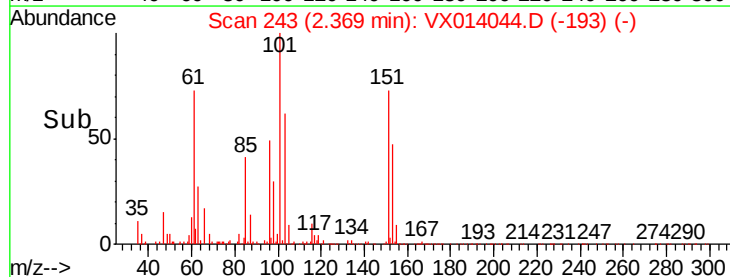
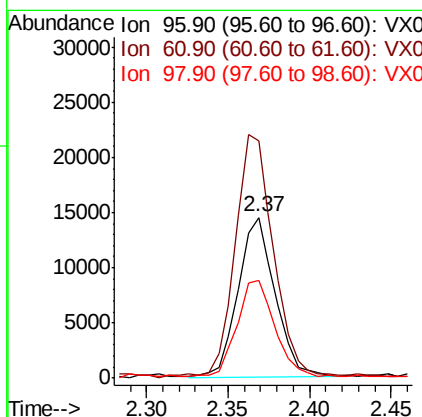
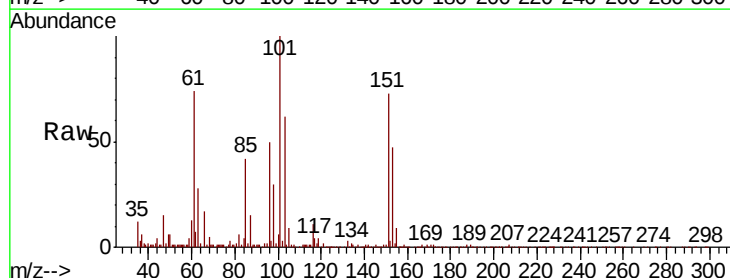
Tot Ion: 59 Resp: 2780
Ion Ratio Lower Upper
59 100
57 20.3 8.4 12.6#

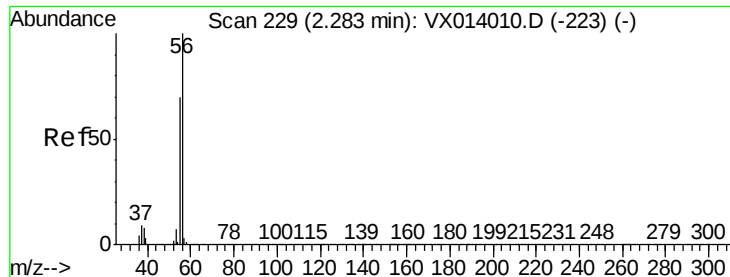


#12

1,1-Dichloroethene
Concen: 4.155 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014044.D
Acq: 16 Dec 2019 18:43

Tgt Ion: 96 Resp: 22858
Ion Ratio Lower Upper
96 100
61 147.3 127.9 191.9
98 60.4 50.5 75.7





#13

Acrolein

Concen: 0.374 ug/l

RT: 2.31 min Scan# 234

Delta R.T. 0.03 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

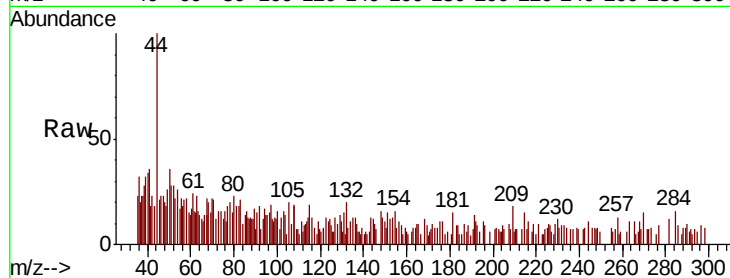
RE105D2-20191206

Tot Ion: 56 Resp: 300

Ion Ratio Lower Upper

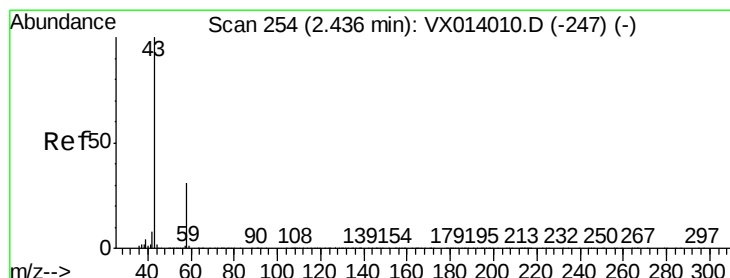
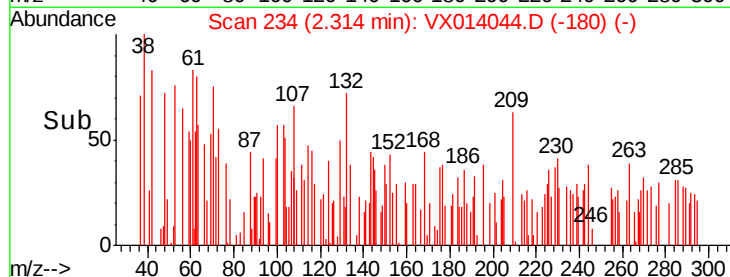
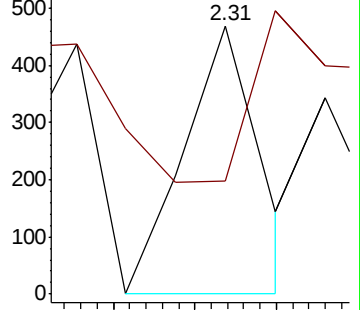
56 100

55 149.7 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 1.894 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014044.D

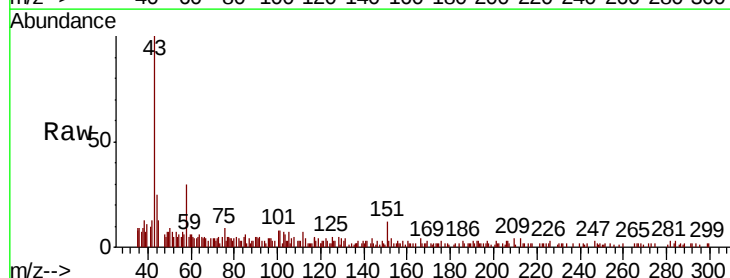
Acq: 16 Dec 2019 18:43

Tgt Ion: 43 Resp: 7969

Ion Ratio Lower Upper

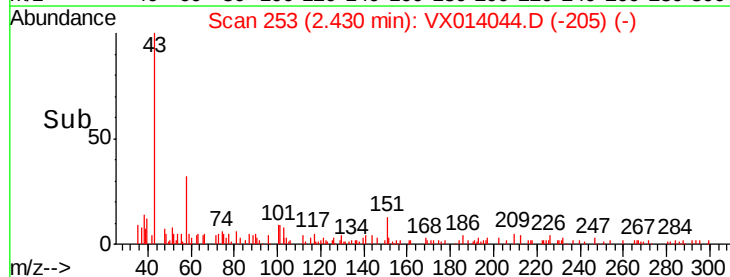
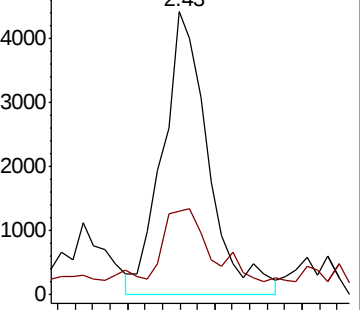
43 100

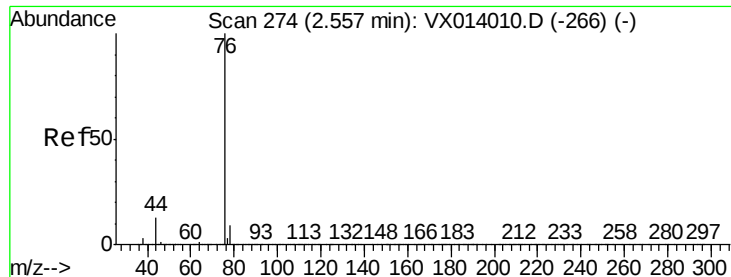
58 24.5 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.810 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

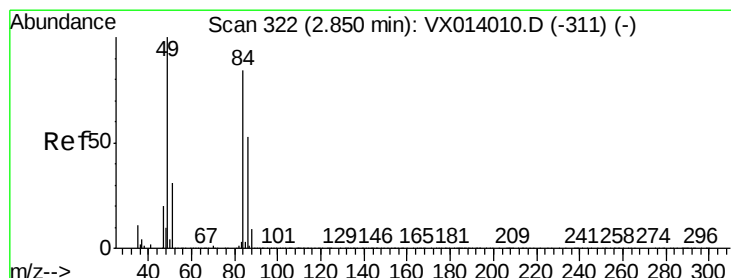
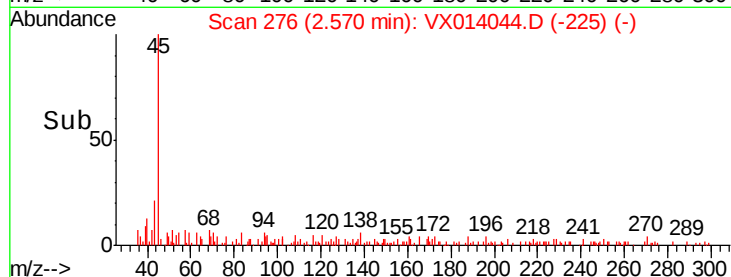
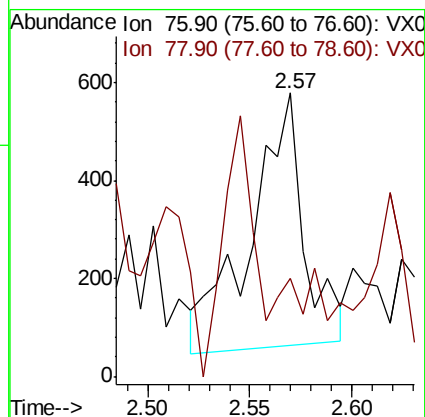
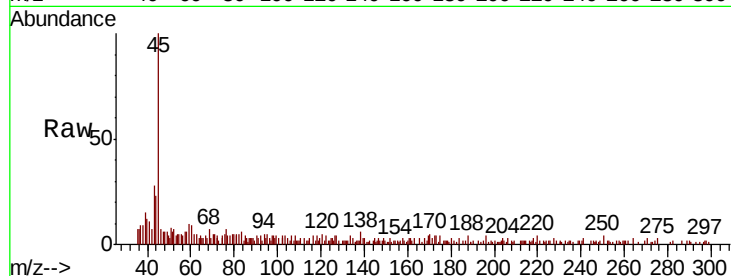
RE105D2-20191206

Tot Ion: 76 Resp: 931

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: 0.272 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

Tgt Ion: 84 Resp: 1800

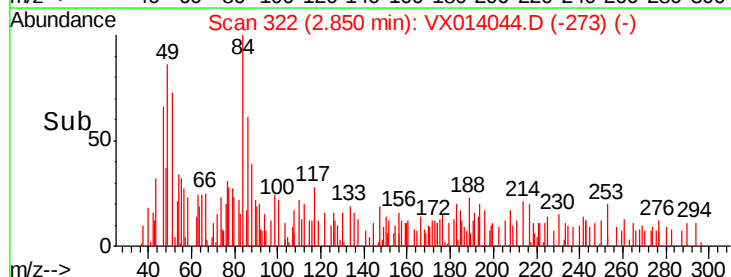
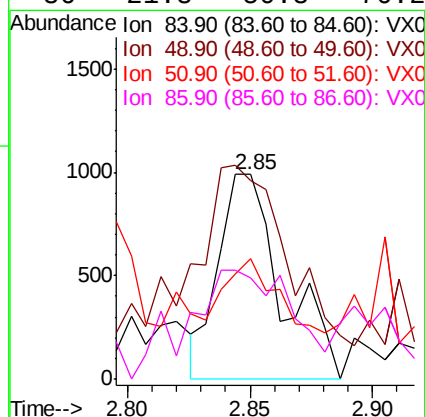
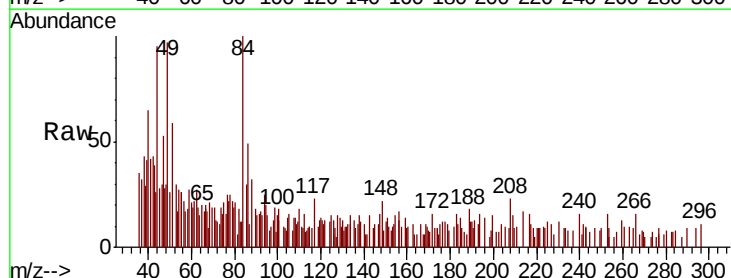
Ion Ratio Lower Upper

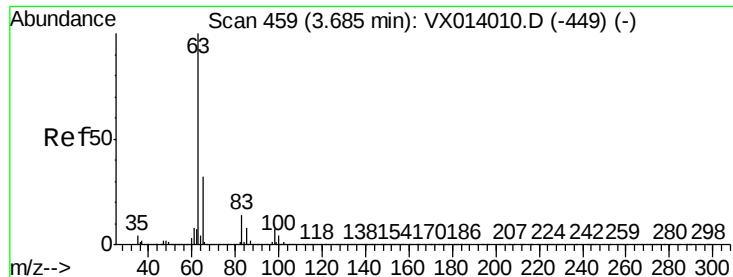
84 100

49 75.6 95.8 143.6#

51 32.0 29.8 44.8

86 21.8 50.8 76.2#





#24

1,1-Dichloroethane

Concen: 1.048 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

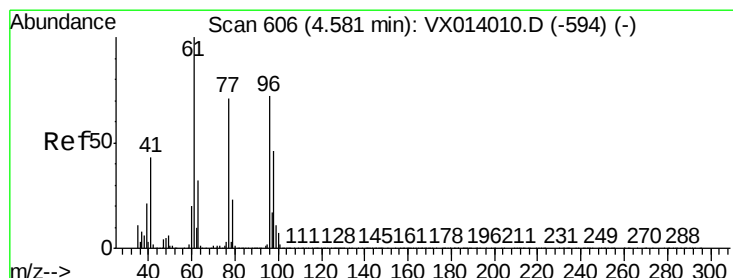
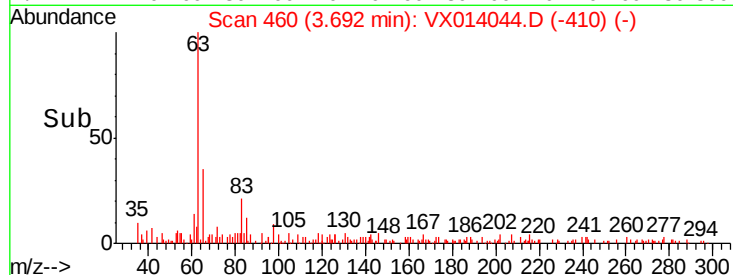
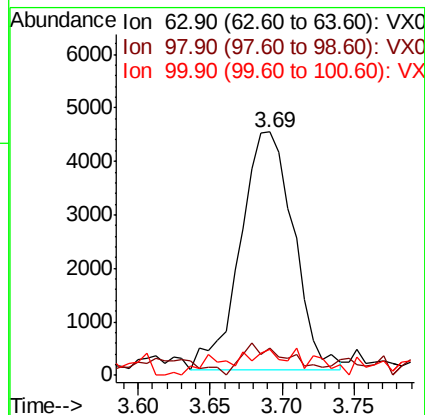
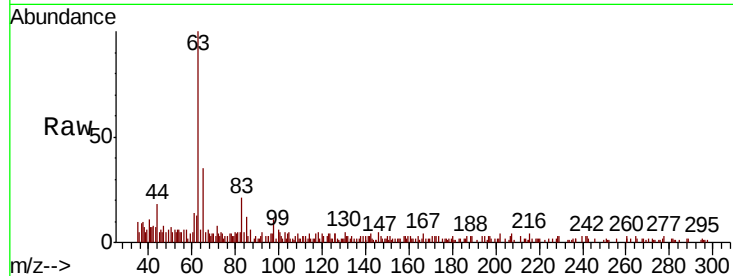
Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20191206

Tot Ion:	63	Resp:	11410
Ion	Ratio	Lower	Upper
63	100		
98	5.3	3.6	10.8
100	7.3	2.3	6.8#



#27

cis-1,2-Dichloroethene

Concen: 2.403 ug/l

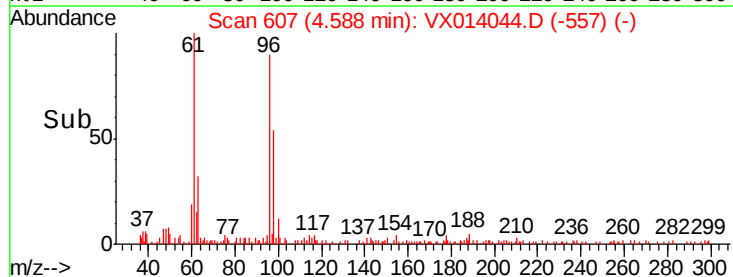
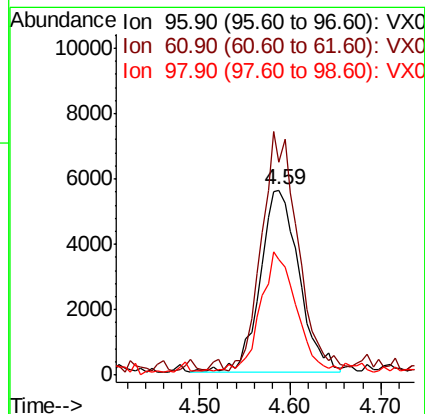
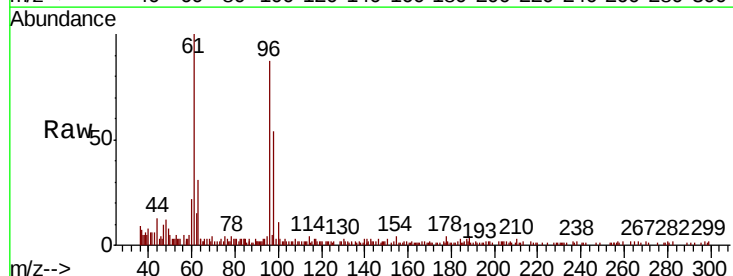
RT: 4.59 min Scan# 607

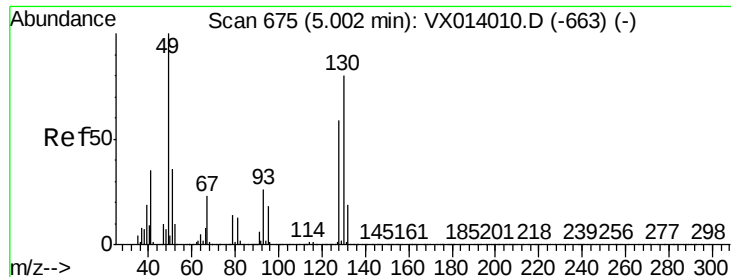
Delta R.T. 0.01 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

Tgt Ion:	96	Resp:	16468
Ion	Ratio	Lower	Upper
96	100		
61	122.1	0.0	288.4
98	61.5	0.0	129.6





#28

Bromochloromethane

Concen: 0.611 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20191206

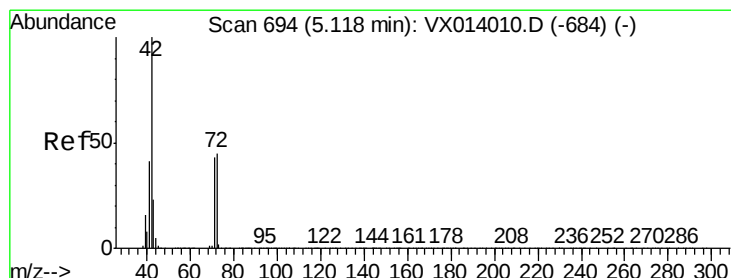
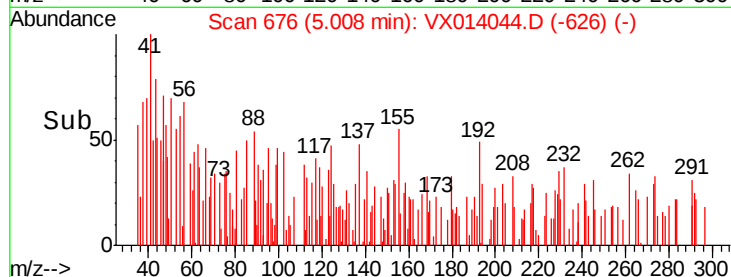
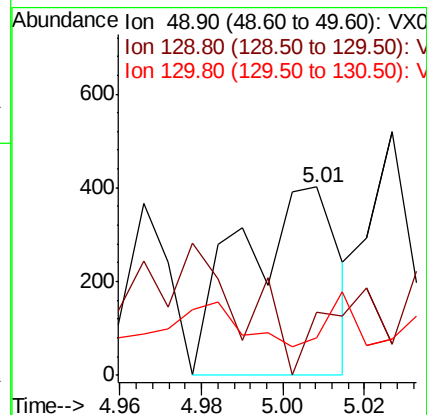
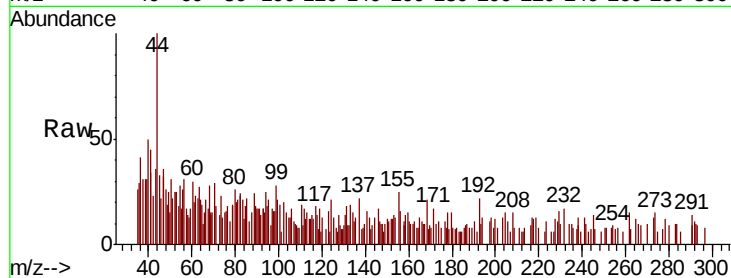
Tot Ion: 49 Resp: 665

Ion Ratio Lower Upper

49 100

129 28.3 0.0 5.0#

130 7.7 64.6 97.0#



#29

Tetrahydrofuran

Concen: 0.821 ug/l

RT: 5.14 min Scan# 697

Delta R.T. 0.02 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

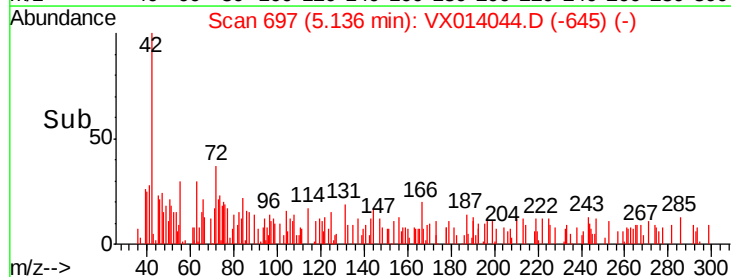
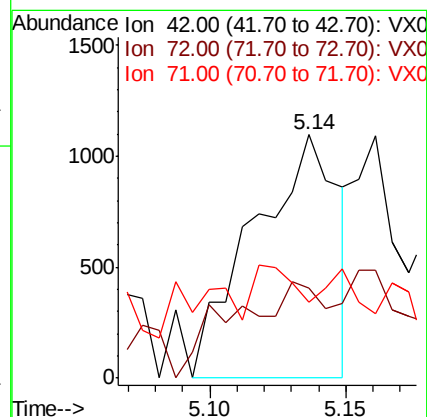
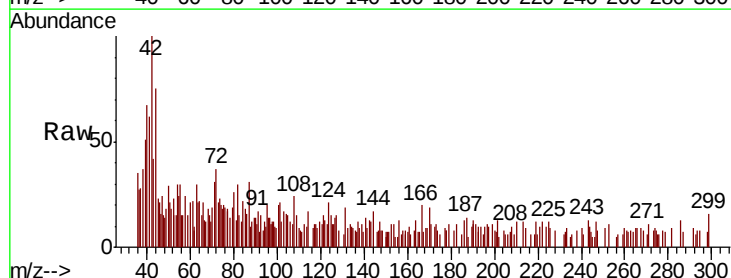
Tgt Ion: 42 Resp: 2382

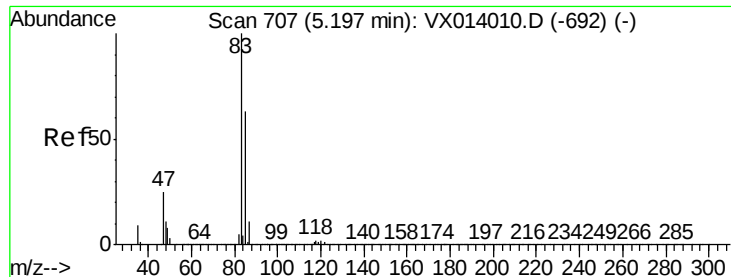
Ion Ratio Lower Upper

42 100

72 42.0 35.8 53.8

71 29.7 33.6 50.4#

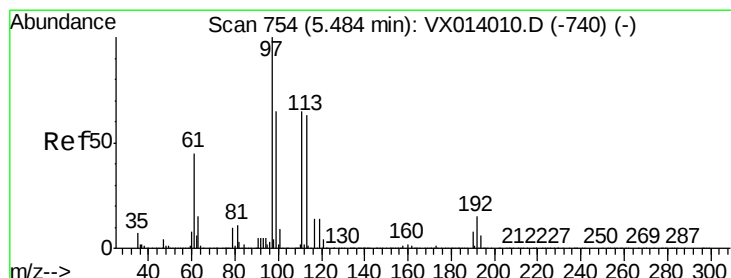
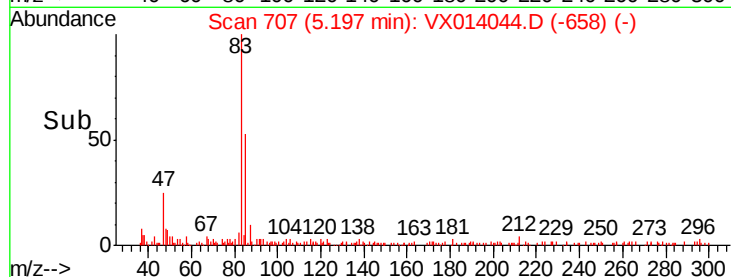
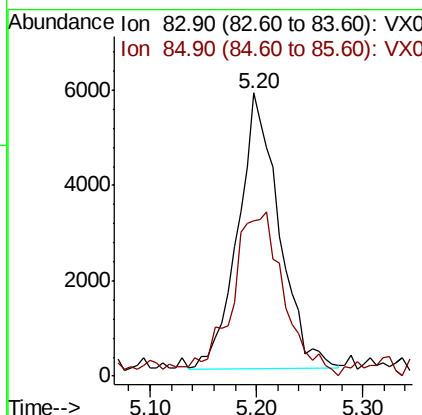
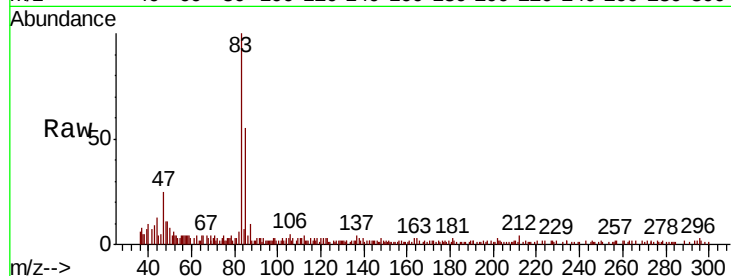




#30
Chloroform
Concen: 1.514 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014044.D
Acq: 16 Dec 2019 18:43

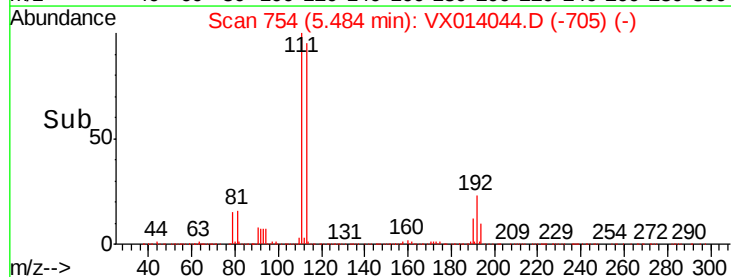
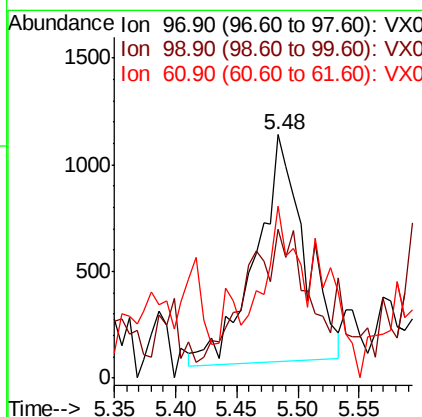
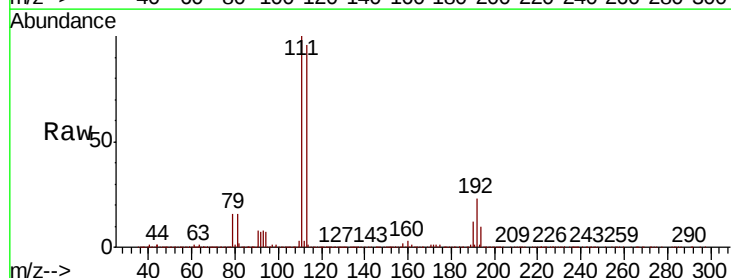
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20191206

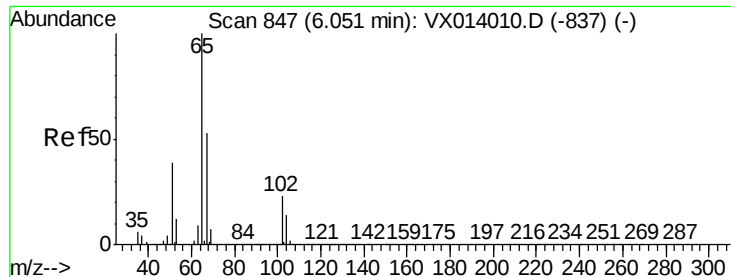
Tot Ion: 83 Resp: 15627
Ion Ratio Lower Upper
83 100
85 57.0 50.8 76.2



#32
1,1,1-Trichloroethane
Concen: 0.335 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014044.D
Acq: 16 Dec 2019 18:43

Tgt Ion: 97 Resp: 2946
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0#
61 39.3 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 49.297 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

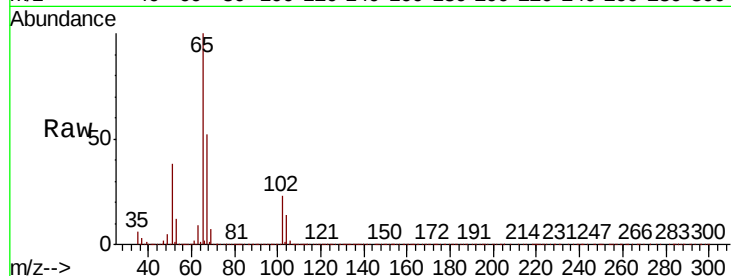
RE105D2-20191206

Tot Ion: 65 Resp: 319495

Ion Ratio Lower Upper

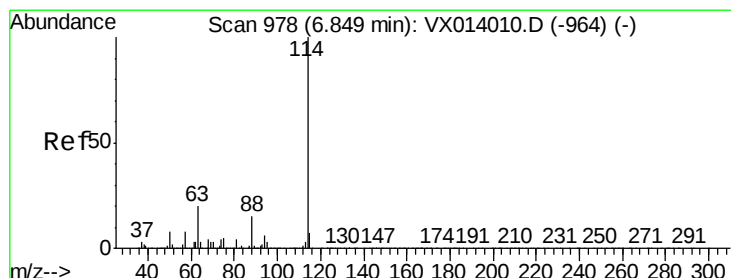
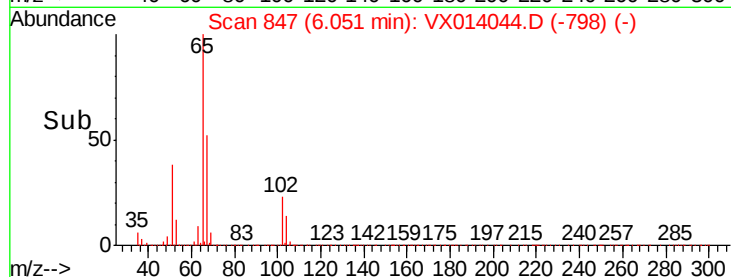
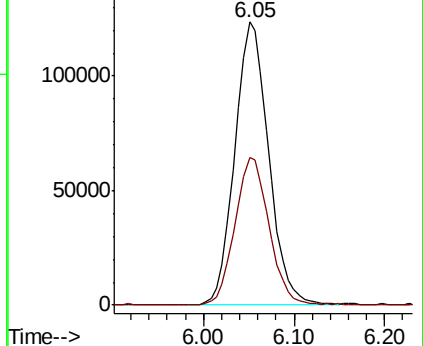
65 100

67 52.2 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: VX014044.D

Acq: 16 Dec 2019 18:43

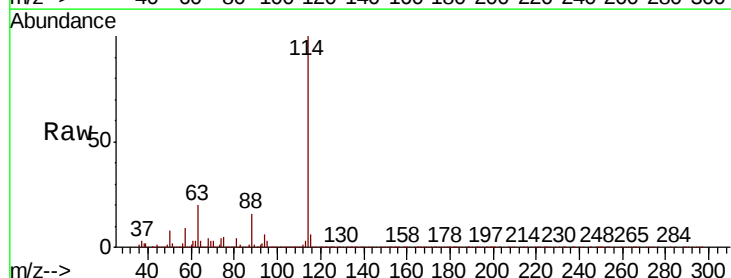
Tgt Ion: 114 Resp: 873001

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

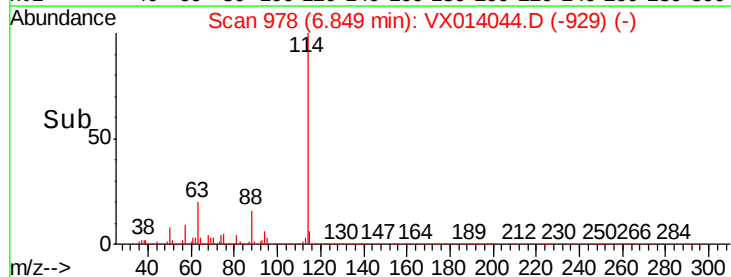
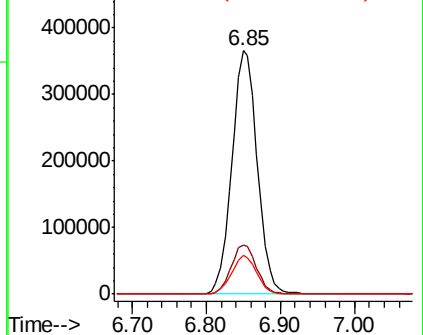
88 16.1 0.0 30.4

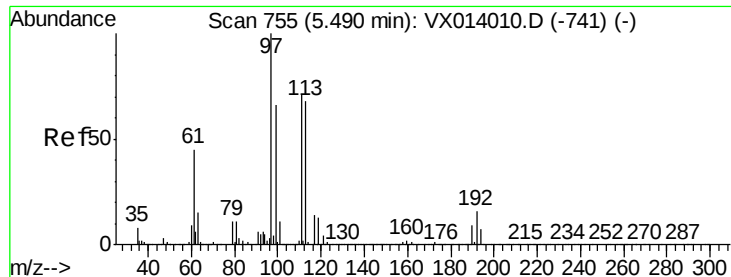


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

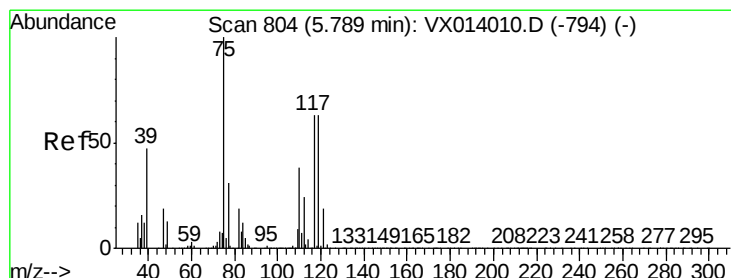
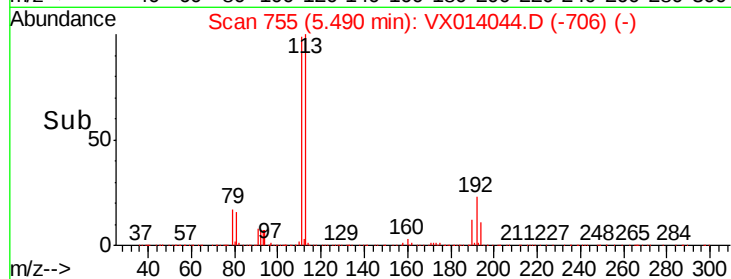
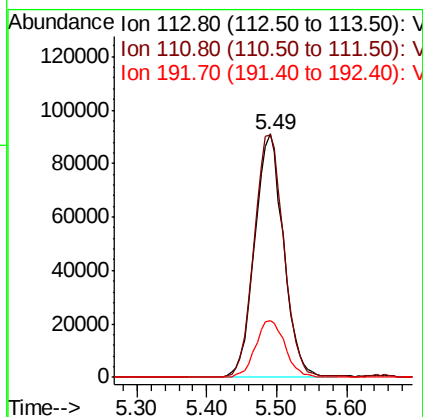
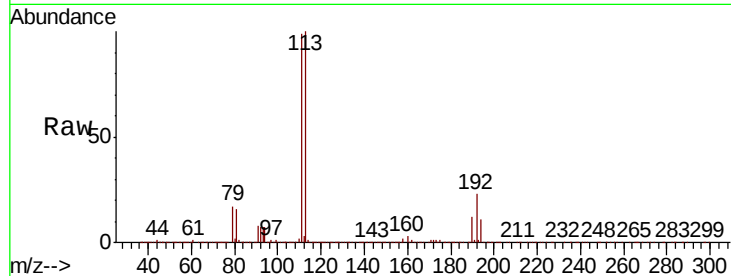




#35
 Dibromofluoromethane
 Concen: 49.179 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014044.D
 Acq: 16 Dec 2019 18:43

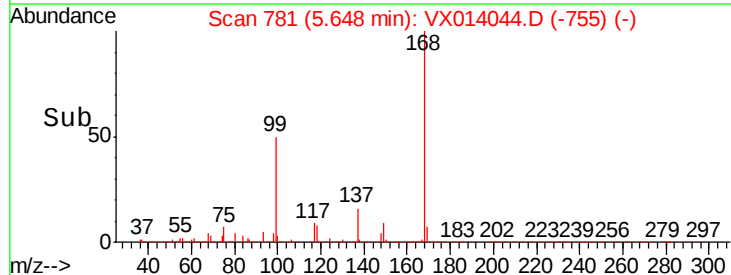
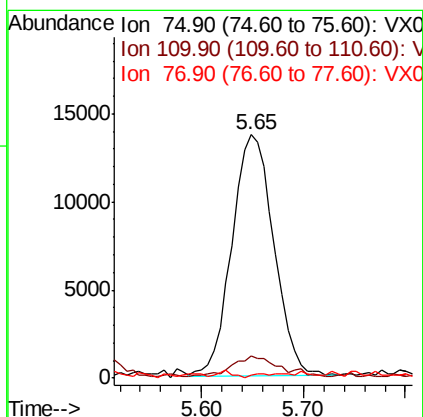
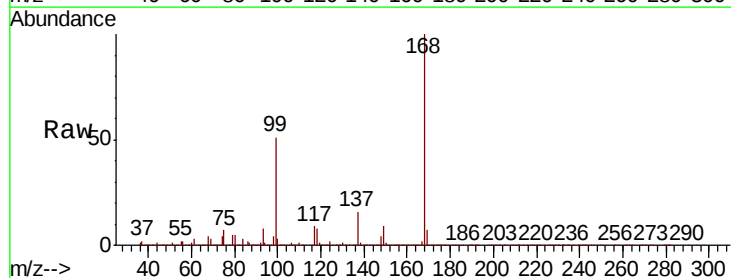
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20191206

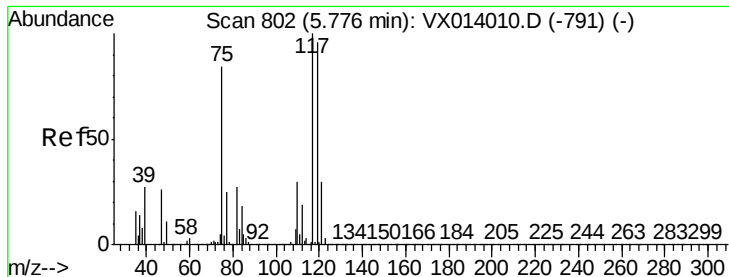
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	23.4	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.869 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX014044.D
 Acq: 16 Dec 2019 18:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.3	54.9#
77	0.8	24.8	37.2#

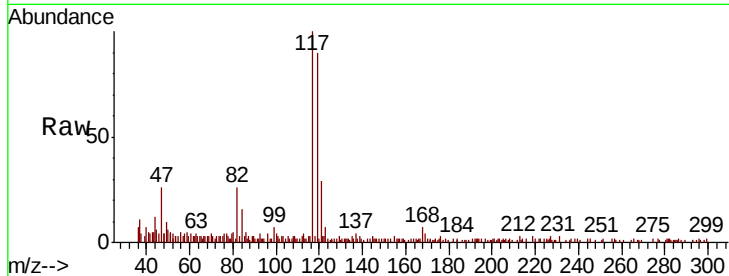




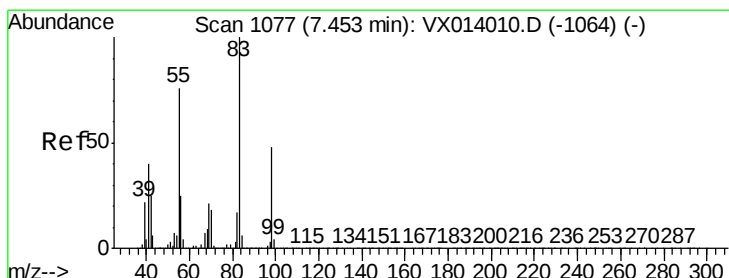
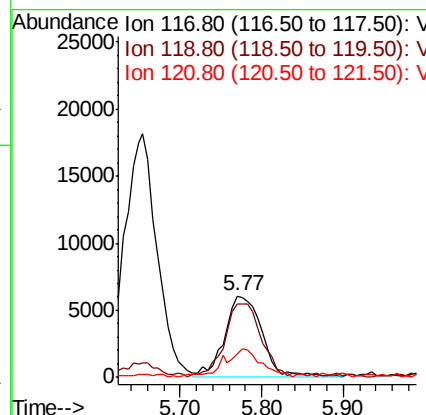
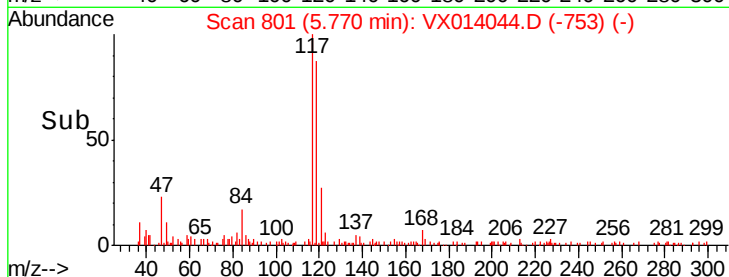
#38
Carbon Tetrachloride
Concen: 2.547 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014044.D
Acq: 16 Dec 2019 18:43

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20191206

Tot Ion:117 Resp: 18585
Ion Ratio Lower Upper
117 100
119 88.9 76.2 114.4
121 25.3 23.6 35.4

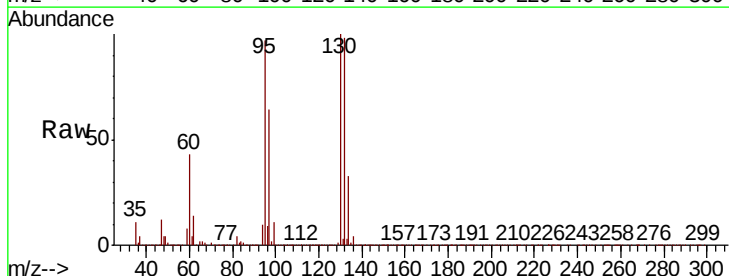


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

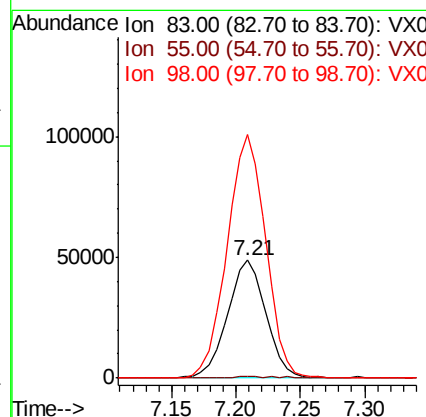
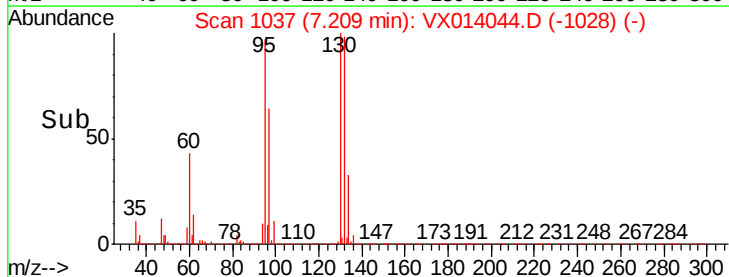


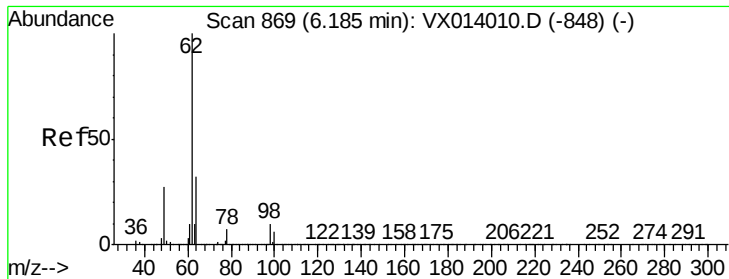
#39
Methylcyclohexane
Concen: 10.050 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.24 min
Lab File: VX014044.D
Acq: 16 Dec 2019 18:43

Tgt Ion: 83 Resp: 99403
Ion Ratio Lower Upper
83 100
55 0.8 61.0 91.6#
98 207.2 38.6 57.8#



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#42

1,2-Dichloroethane

Concen: 0.267 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

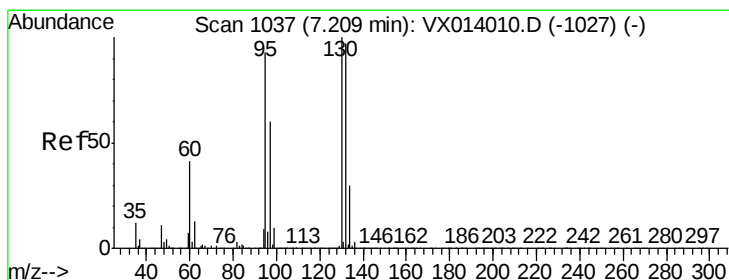
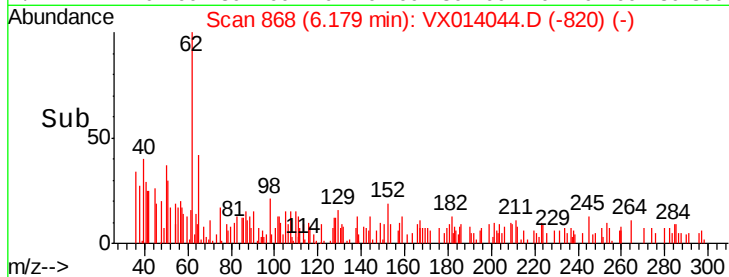
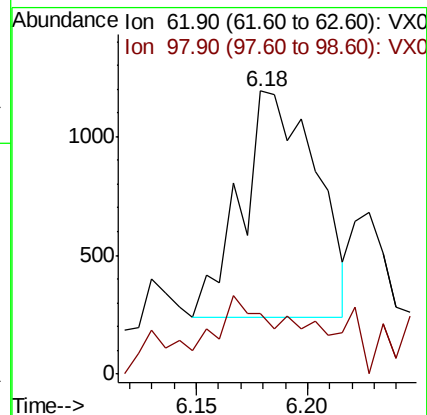
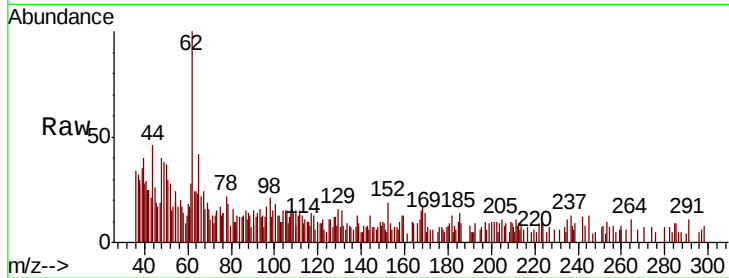
RE105D2-20191206

Tot Ion: 62 Resp: 2228

Ion Ratio Lower Upper

62 100

98 13.3 0.0 21.0



#44

Trichloroethene

Concen: 1293.138 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014044.D

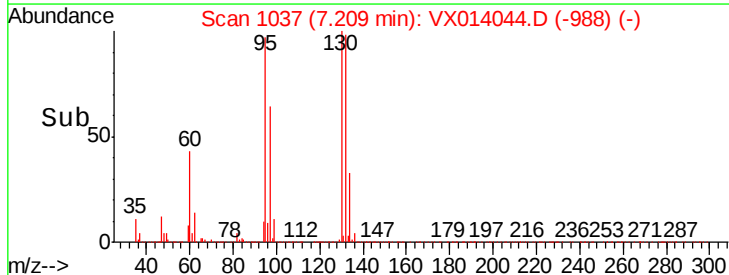
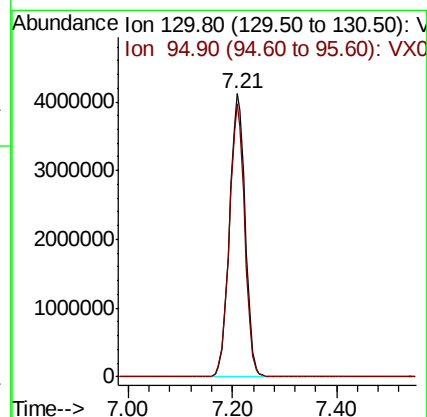
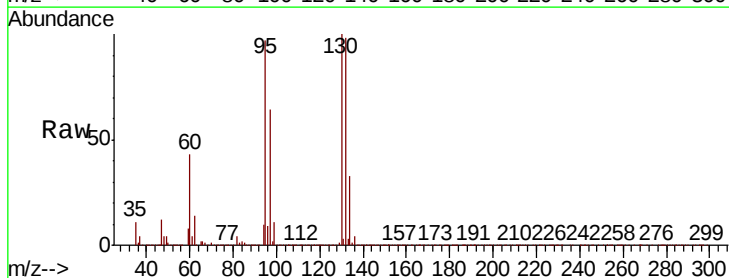
Acq: 16 Dec 2019 18:43

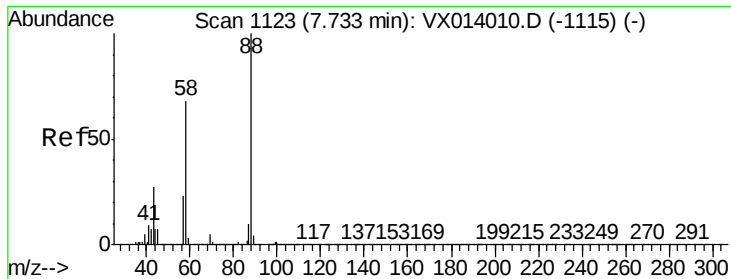
Tgt Ion:130 Resp: 8803196

Ion Ratio Lower Upper

130 100

95 96.7 0.0 185.6





#49

1,4-Dioxane

Concen: 8.754 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20191206

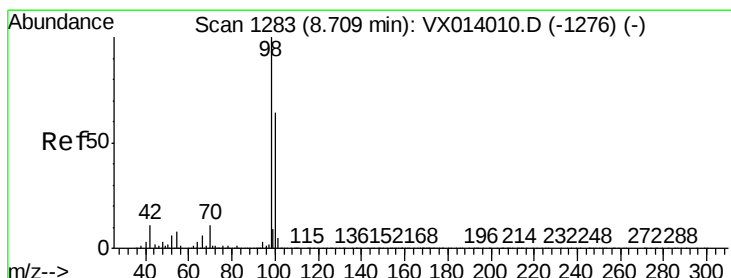
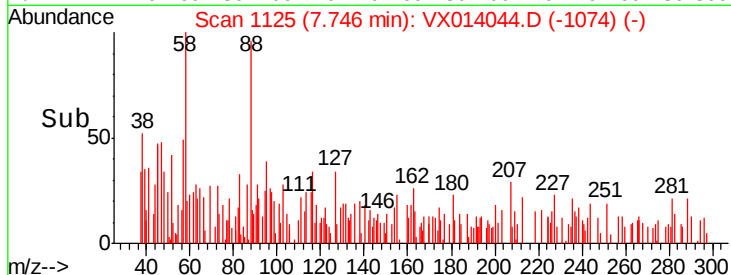
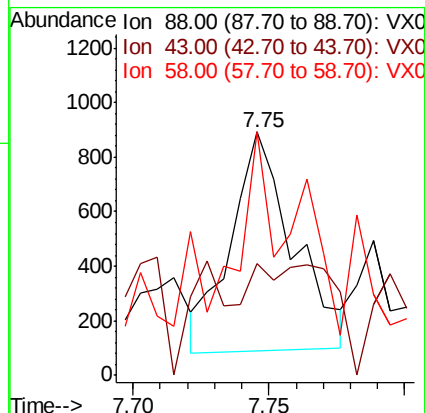
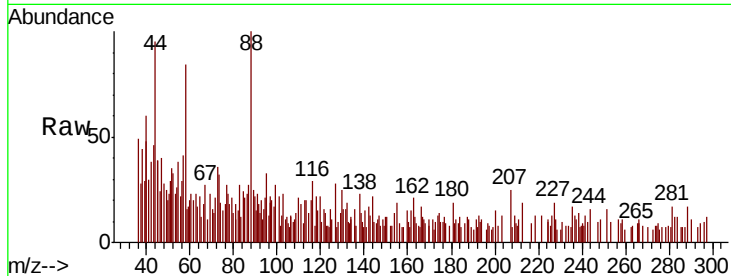
Tot Ion: 88 Resp: 1277

Ion Ratio Lower Upper

88 100

43 64.6 26.5 39.7#

58 80.2 56.8 85.2



#50

Toluene-d8

Concen: 50.177 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014044.D

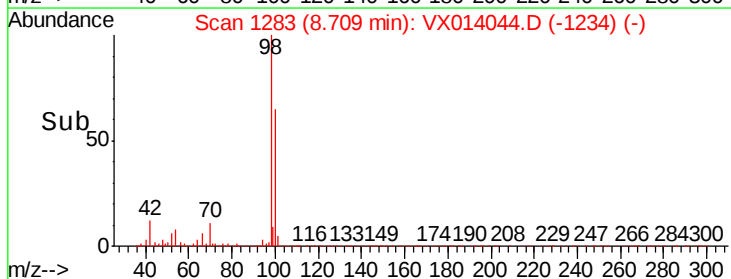
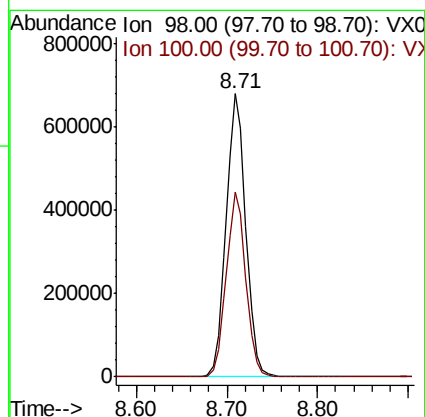
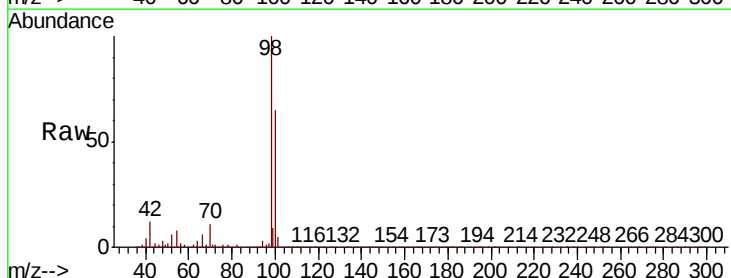
Acq: 16 Dec 2019 18:43

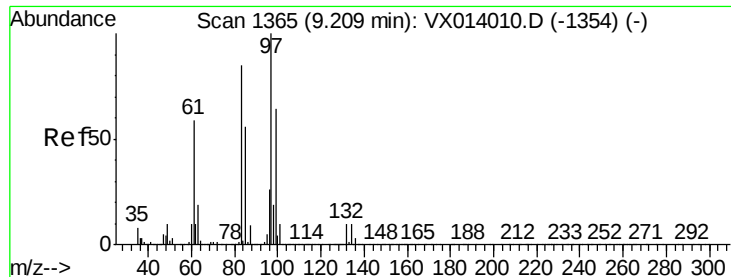
Tgt Ion: 98 Resp: 1036707

Ion Ratio Lower Upper

98 100

100 64.8 52.9 79.3

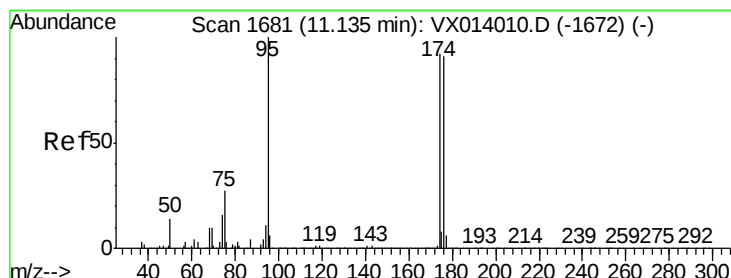
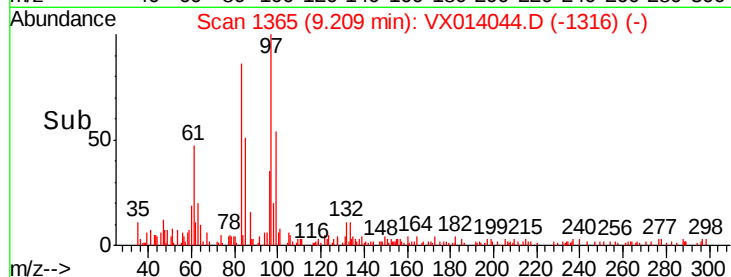
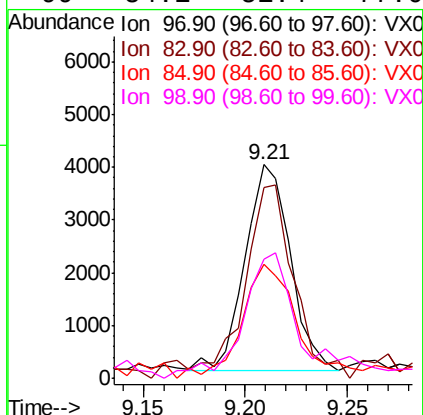
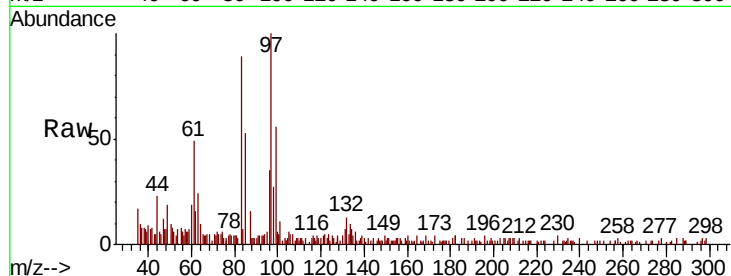




#55
 1,1,2-Trichloroethane
 Concen: 0.973 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014044.D
 Acq: 16 Dec 2019 18:43

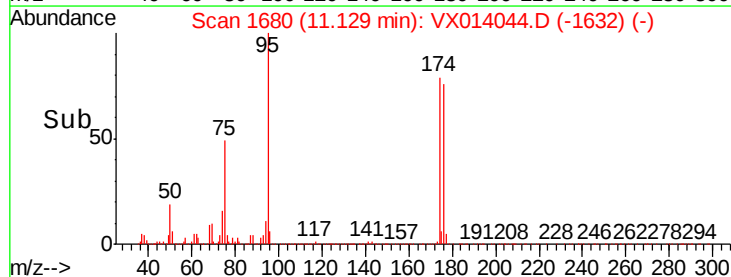
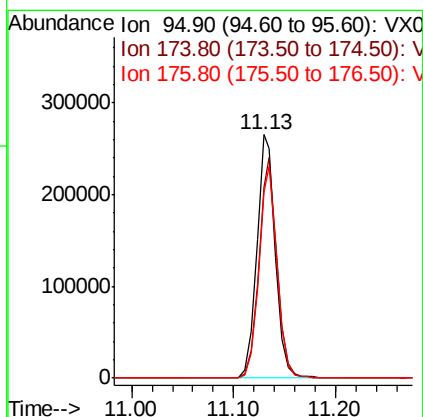
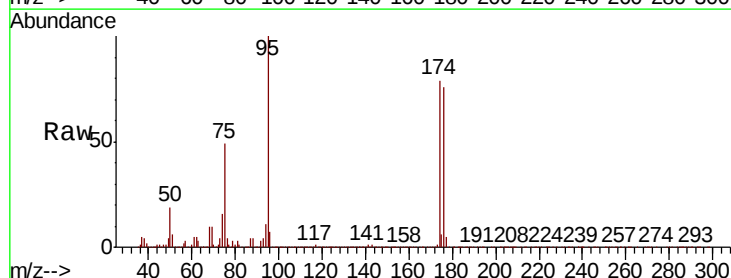
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20191206

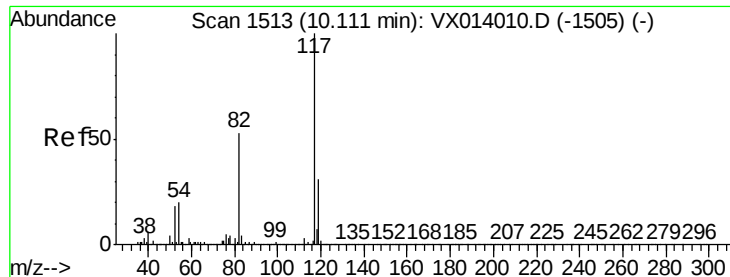
Tot Ion:	97	Resp:	6075
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.2	102.4
85	50.1	44.6	66.8
99	54.1	51.4	77.0



#62
 4-Bromofluorobenzene
 Concen: 44.616 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014044.D
 Acq: 16 Dec 2019 18:43

Tgt Ion:	95	Resp:	336961
Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	175.8
176	85.8	0.0	173.0

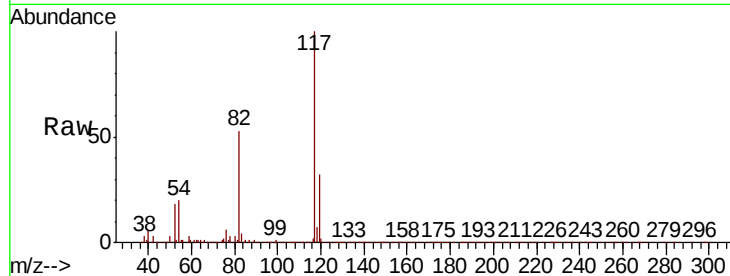




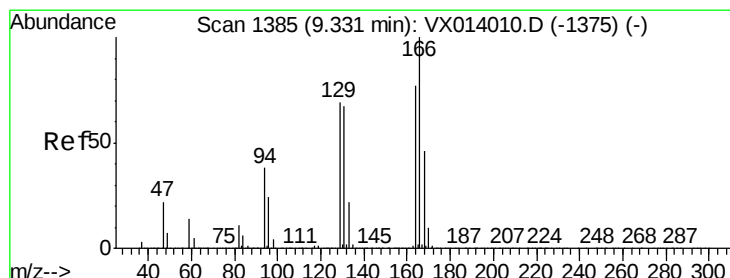
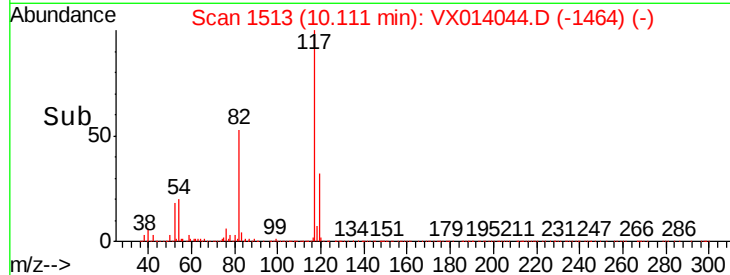
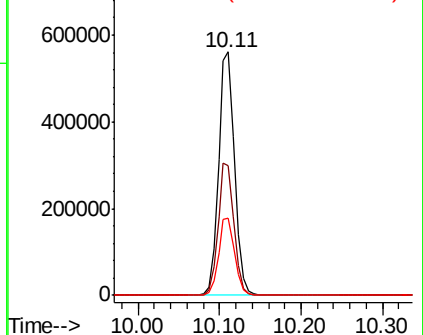
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014044.D
Acq: 16 Dec 2019 18:43

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20191206

Tot Ion:117 Resp: 774632
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.4
119 31.6 25.1 37.7

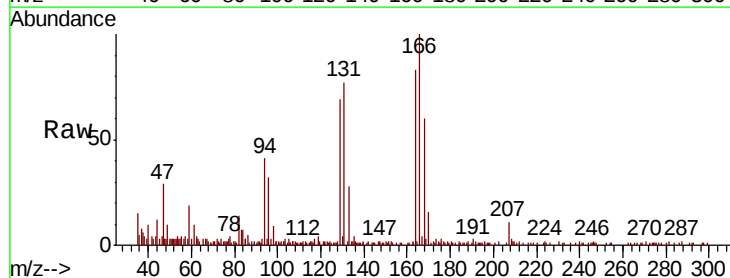


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

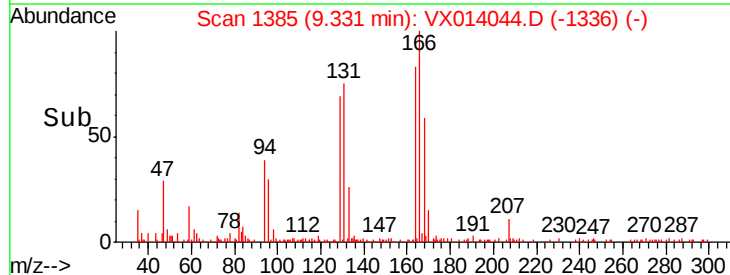
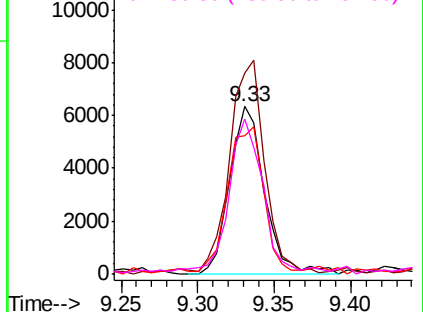


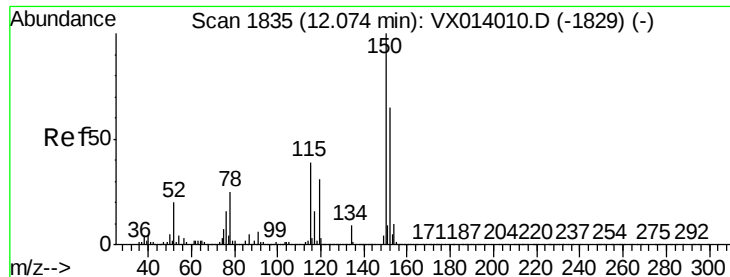
#64
Tetrachloroethene
Concen: 1.463 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014044.D
Acq: 16 Dec 2019 18:43

Tgt Ion:164 Resp: 10028
Ion Ratio Lower Upper
164 100
166 118.5 104.0 156.0
129 81.8 72.2 108.4
131 90.0 69.6 104.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20191206

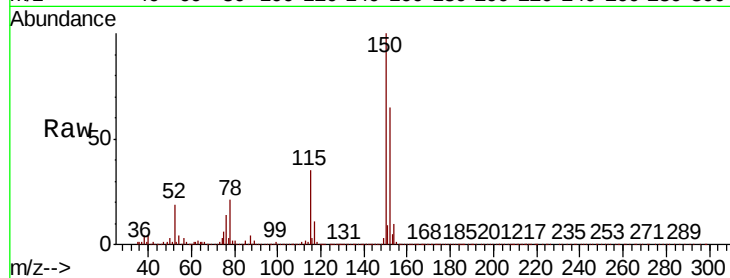
Tot Ion:152 Resp: 329207

Ion Ratio Lower Upper

152 100

115 54.5 38.3 114.9

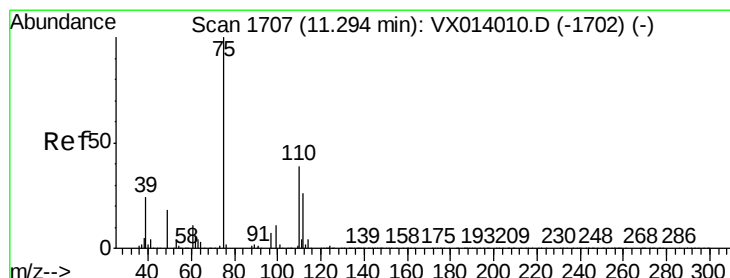
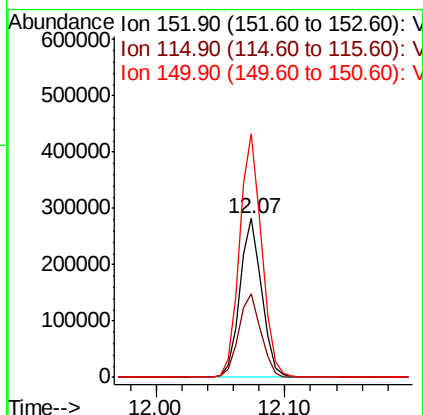
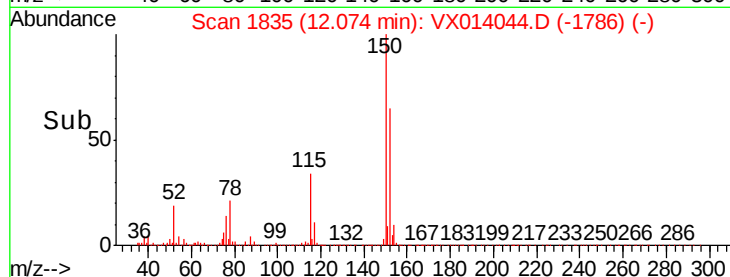
150 155.7 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 23.133 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014044.D

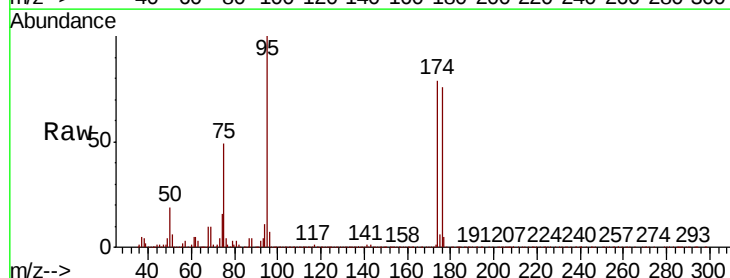
Acq: 16 Dec 2019 18:43

Tgt Ion: 75 Resp: 165334

Ion Ratio Lower Upper

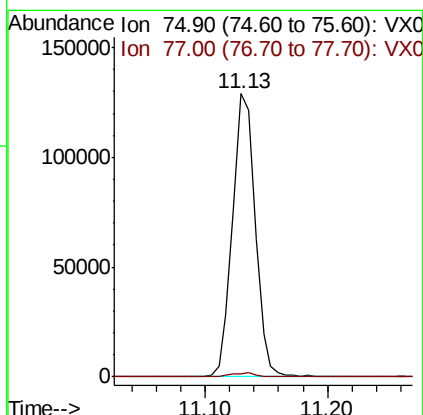
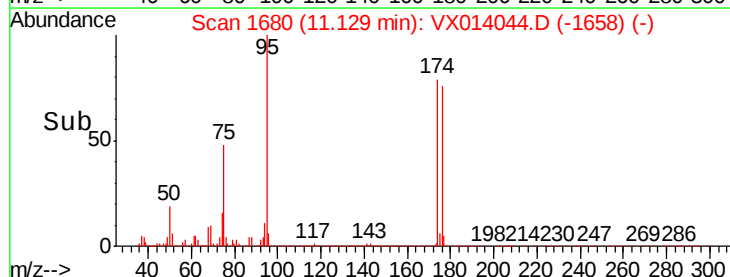
75 100

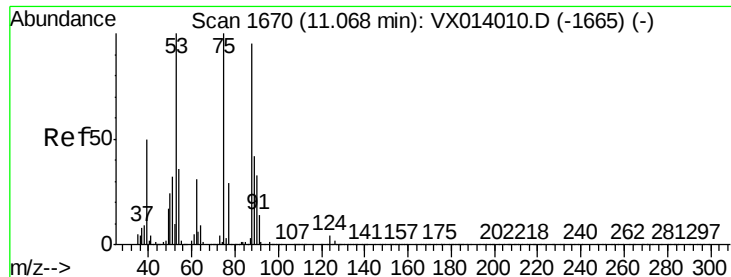
77 1.5 19.3 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 65.294 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014044.D

Acq: 16 Dec 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20191206

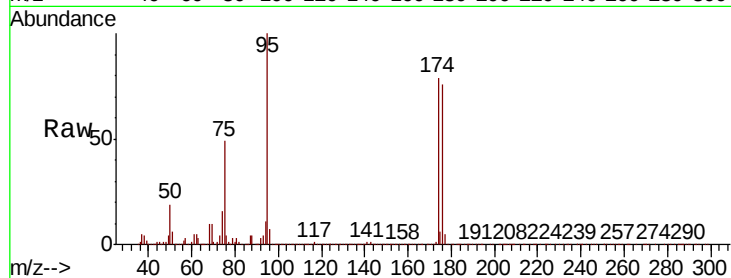
Tot Ion: 75 Resp: 165334

Ion Ratio Lower Upper

75 100

53 0.1 76.7 115.1#

89 0.1 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

