

Data File : VX012454.D
Acq On : 18 Sep 2019 00:11
Operator : JC/SP
Sample : K4858-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20190910

Quant Time: Sep 18 03:30:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	155991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	251120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	215411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	86529	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108812	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	5.49	113	76825	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	8.71	98	294281	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
62) 4-Bromofluorobenzene	11.14	95	105336	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	

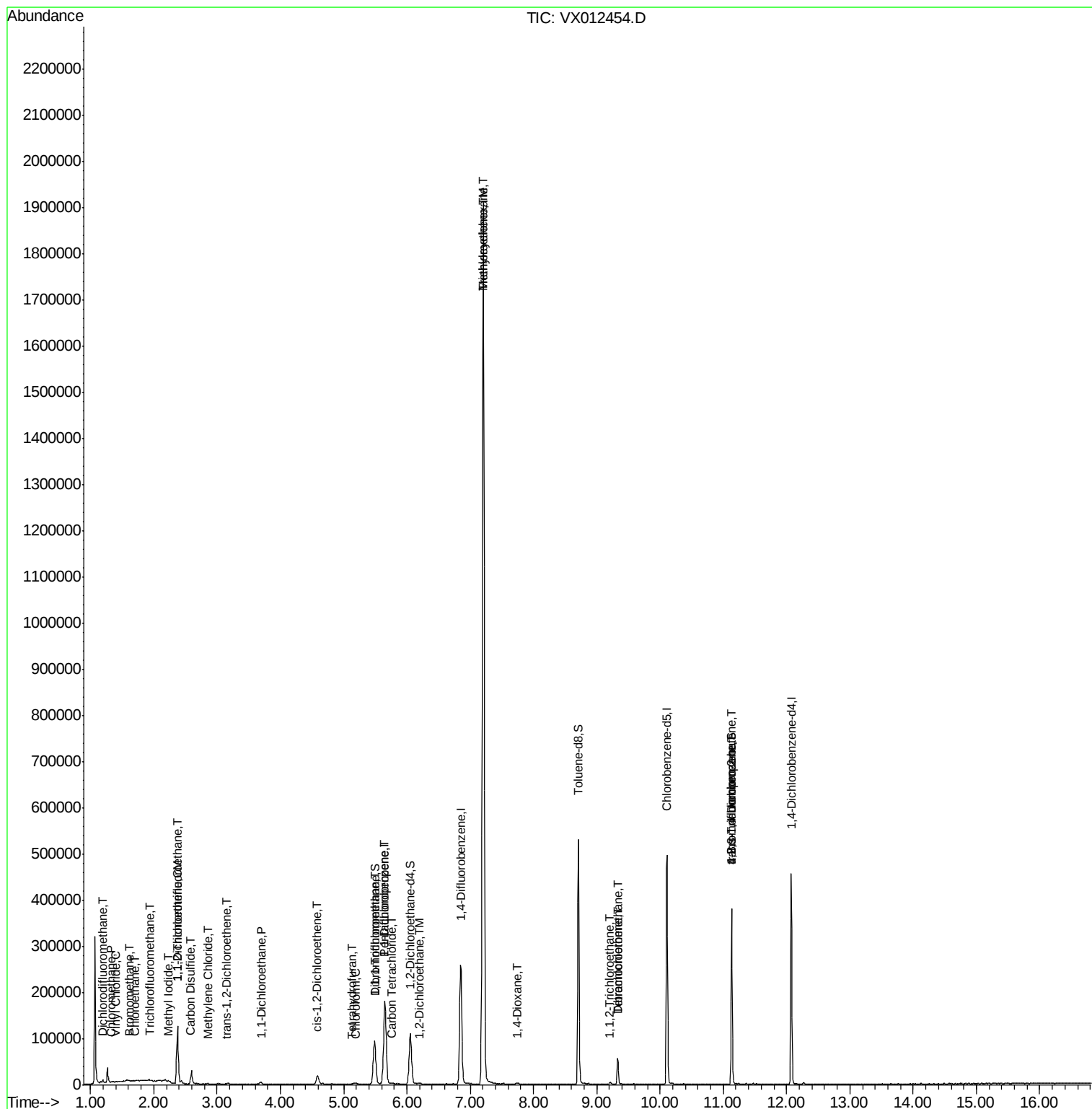
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.19	85	1450	1.774	ug/l	97
3) Chloromethane	1.32	50	304	0.354	ug/l #	73
4) Vinyl Chloride	1.39	62	426	0.460	ug/l #	64
5) Bromomethane	1.62	94	93	0.255	ug/l #	4
6) Chloroethane	1.72	64	244	0.336	ug/l #	66
7) Trichlorofluoromethane	1.92	101	1053	0.620	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38236	31.102	ug/l	98
10) Methyl Iodide	2.23	142	73	4.505	ug/l #	34
11) Tert butyl alcohol	3.03	59	1073	Below Cal	#	50
12) 1,1-Dichloroethene	2.37	96	11377	11.601	ug/l	94
13) Acrolein	2.28	56	123	Below Cal	#	76
16) Acetone	2.44	43	4329	Below Cal		93
17) Carbon Disulfide	2.57	76	239	1.973	ug/l #	5
20) Methylene Chloride	2.85	84	481	0.356	ug/l #	58
21) trans-1,2-Dichloroethene	3.15	96	413	0.406	ug/l #	62
24) 1,1-Dichloroethane	3.69	63	3358	1.313	ug/l #	86
27) cis-1,2-Dichloroethene	4.58	96	11682	7.679	ug/l	82
29) Tetrahydrofuran	5.14	42	1311	1.530	ug/l #	43
30) Chloroform	5.19	83	2096	0.713	ug/l	88
32) 1,1,1-Trichloroethane	5.48	97	1882	0.767	ug/l #	23
36) 1,1-Dichloropropene	5.65	75	13571	8.892	ug/l #	53
38) Carbon Tetrachloride	5.77	117	1894	0.998	ug/l #	77
39) Methylcyclohexane	7.21	83	8973	6.048	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	1070	0.475	ug/l	89
44) Trichloroethene	7.21	130	712755	558.300	ug/l	96
49) 1,4-Dioxane	7.75	88	1914	39.677	ug/l #	74
55) 1,1,2-Trichloroethane	9.21	97	1007	0.625	ug/l #	70
60) Dibromochloromethane	9.33	129	10226	6.231	ug/l #	11
64) Tetrachloroethene	9.33	164	10412	10.548	ug/l	88
76) 1,2,3-Trichloropropane	11.14	75	55132	27.737	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	55132	74.530	ug/l #	8

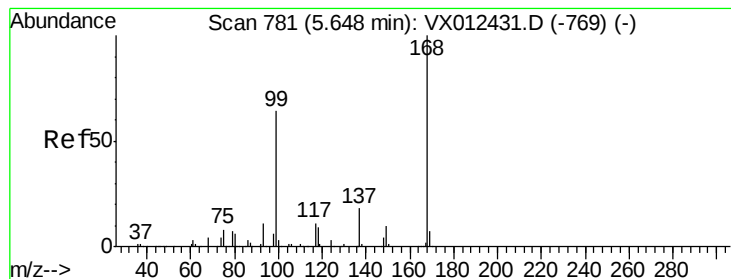
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012454.D

Acq: 18 Sep 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

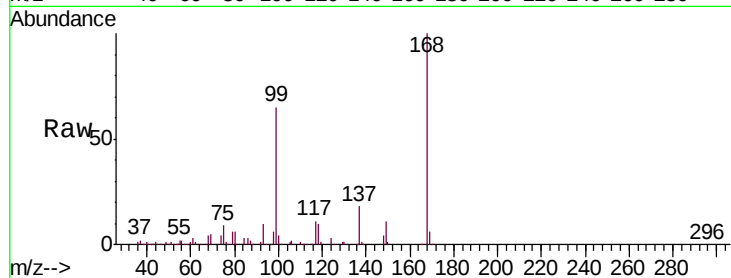
RE125D2-20190910

Tgt Ion:168 Resp: 155991

Ion Ratio Lower Upper

168 100

99 64.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

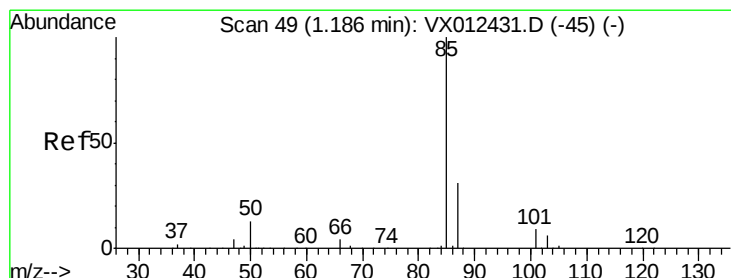
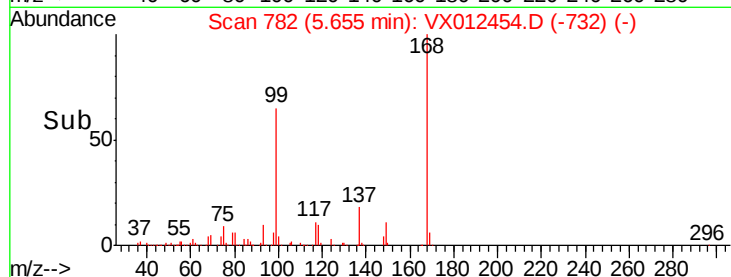
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.774 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012454.D

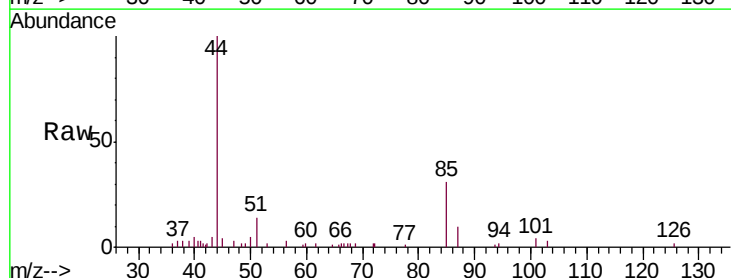
Acq: 18 Sep 2019 00:11

Tgt Ion: 85 Resp: 1450

Ion Ratio Lower Upper

85 100

87 32.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

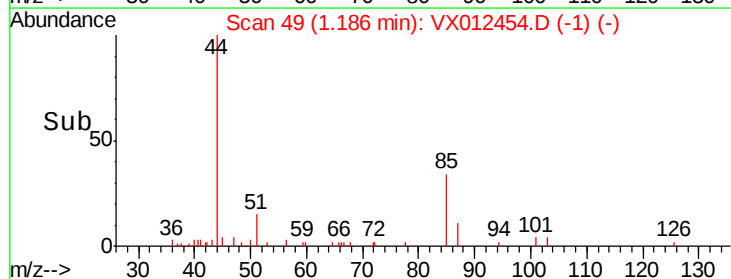
1000

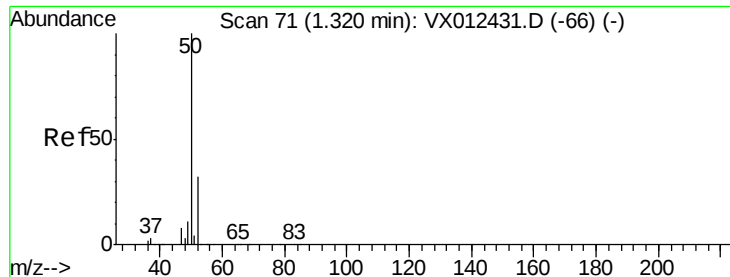
500

0

Time-->

1.10 1.15 1.20 1.25





#3

Chloromethane

Concen: 0.354 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012454.D

Acq: 18 Sep 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

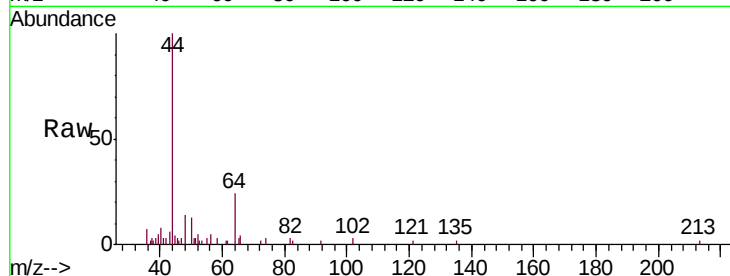
RE125D2-20190910

Tgt Ion: 50 Resp: 304

Ion Ratio Lower Upper

50 100

52 47.3 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

300

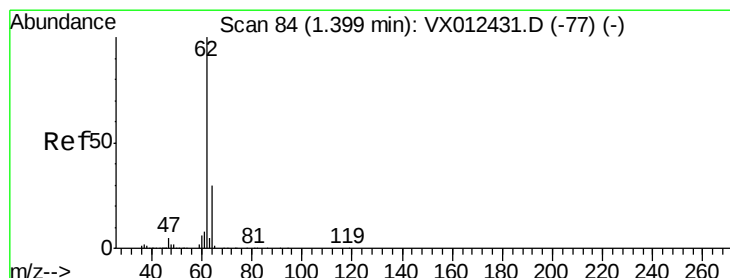
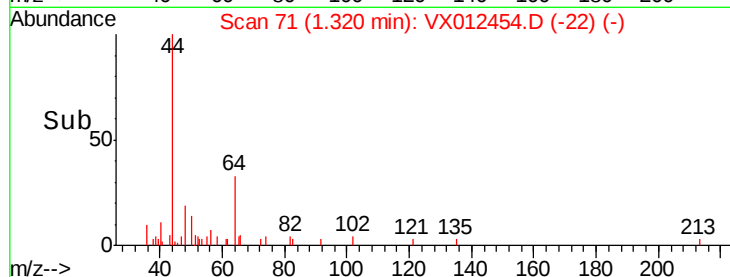
200

100

0

1.30 1.32 1.34

Time-->



#4

Vinyl Chloride

Concen: 0.460 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.01 min

Lab File: VX012454.D

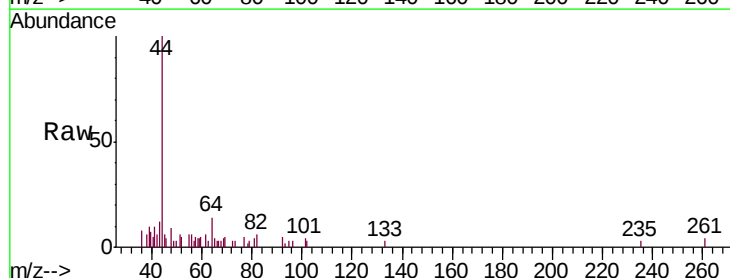
Acq: 18 Sep 2019 00:11

Tgt Ion: 62 Resp: 426

Ion Ratio Lower Upper

62 100

64 10.5 24.2 36.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1200

1000

800

600

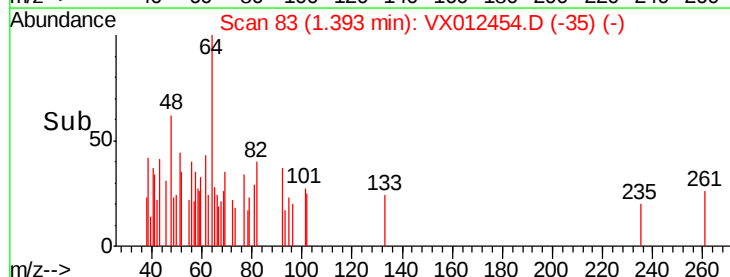
400

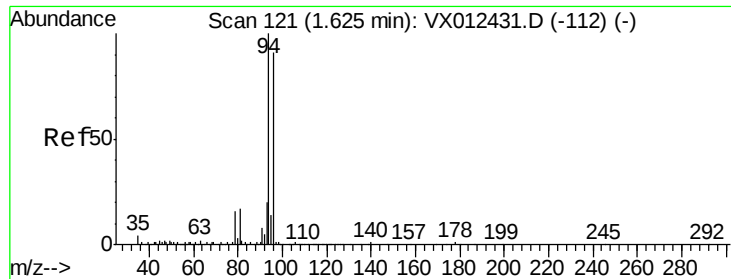
200

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 0.255 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012454.D

Acq: 18 Sep 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

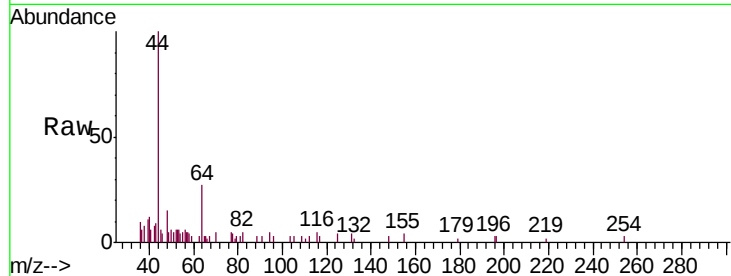
RE125D2-20190910

Tgt Ion: 94 Resp: 93

Ion Ratio Lower Upper

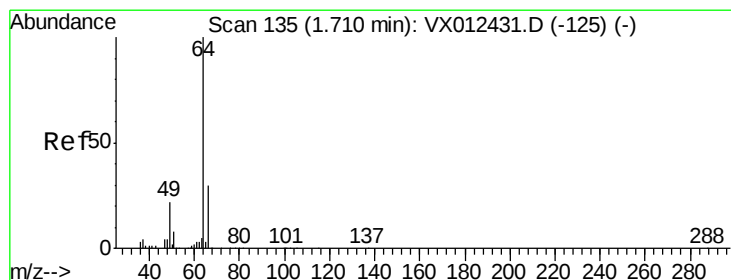
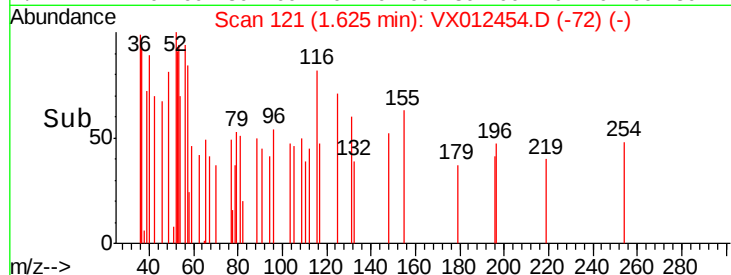
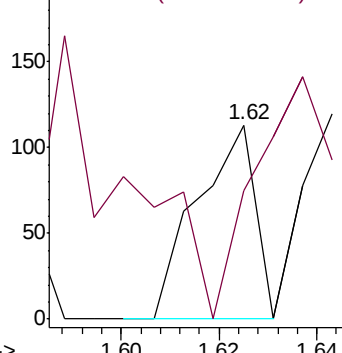
94 100

96 0.0 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.336 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012454.D

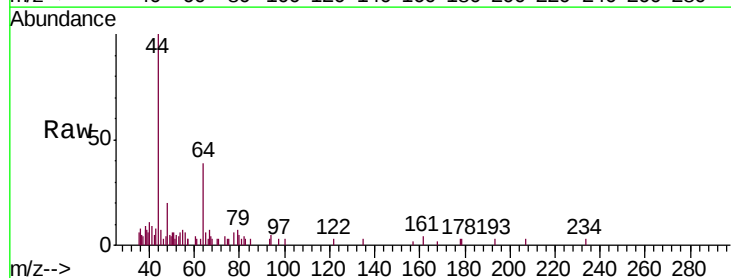
Acq: 18 Sep 2019 00:11

Tgt Ion: 64 Resp: 244

Ion Ratio Lower Upper

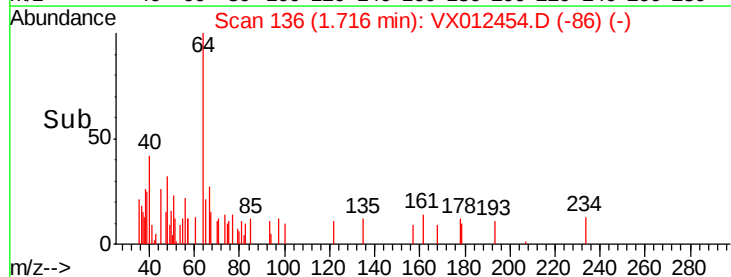
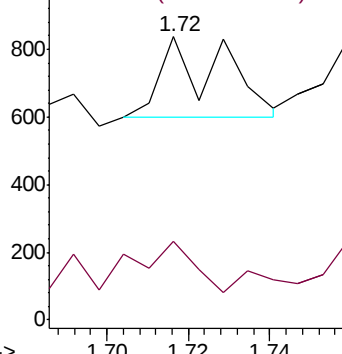
64 100

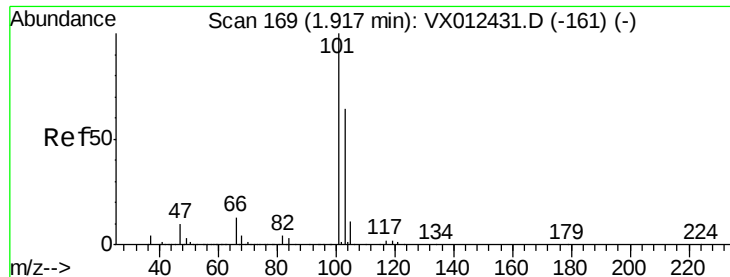
66 48.3 24.0 36.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 0.620 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX012454.D

Acq: 18 Sep 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

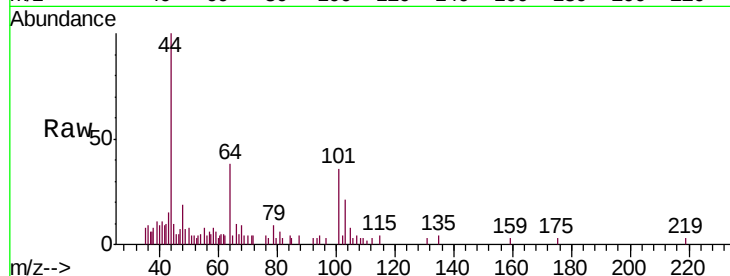
RE125D2-20190910

Tgt Ion:101 Resp: 1053

Ion Ratio Lower Upper

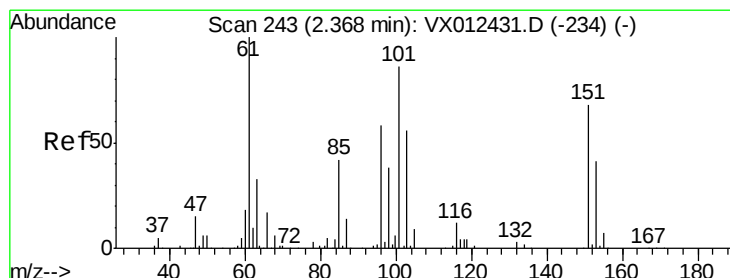
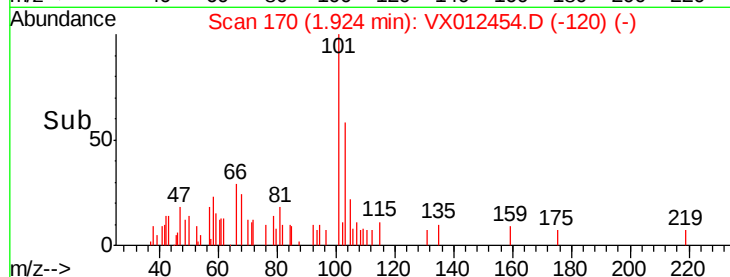
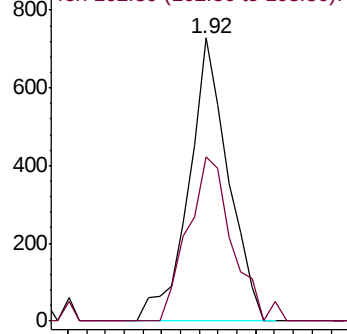
101 100

103 58.0 51.0 76.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#9

1,1,2-Trichlorotrifluoroethane

Concen: 31.102 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012454.D

Acq: 18 Sep 2019 00:11

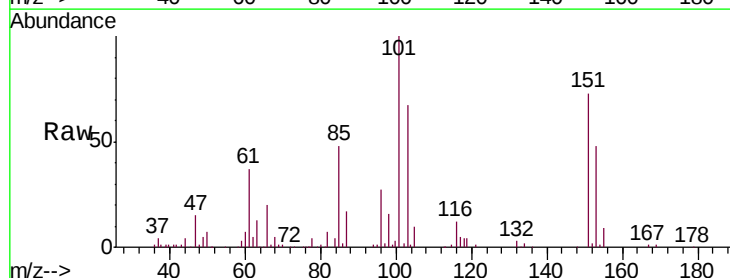
Tgt Ion:101 Resp: 38236

Ion Ratio Lower Upper

101 100

85 46.8 37.3 55.9

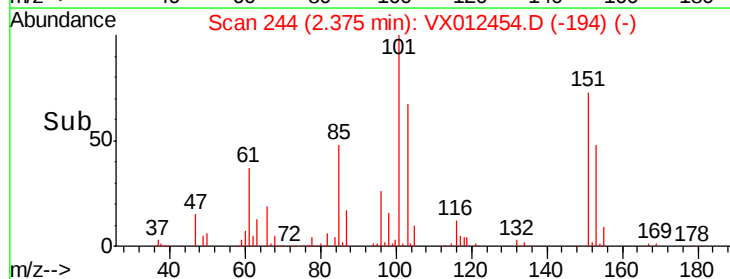
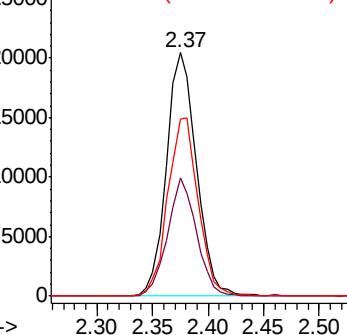
151 74.2 61.0 91.4

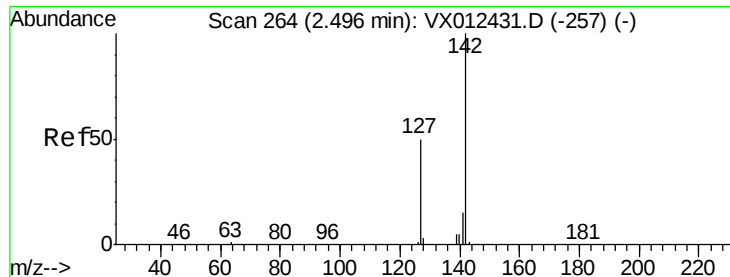


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

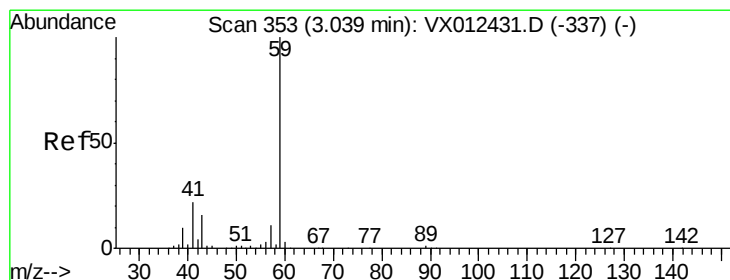
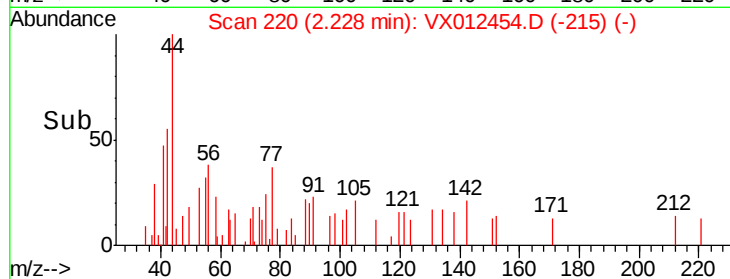
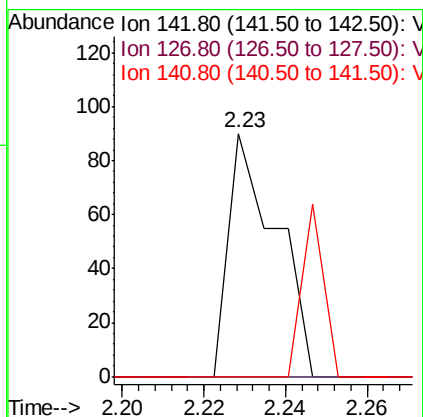
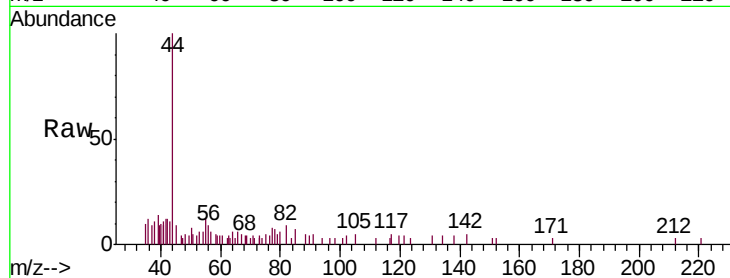




#10
Methyl Iodide
Concen: 4.505 ug/l
RT: 2.23 min Scan# 220
Delta R.T. -0.27 min
Lab File: VX012454.D
Acq: 18 Sep 2019 00:11

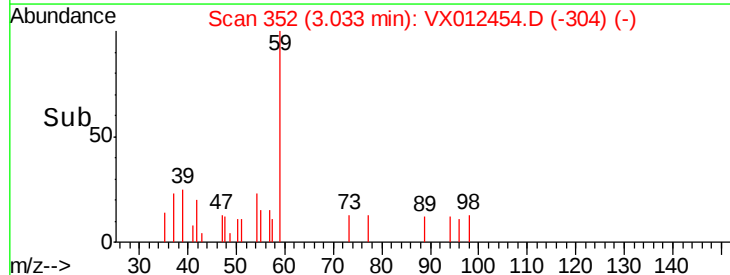
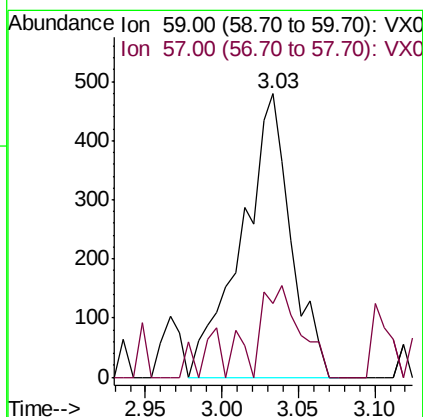
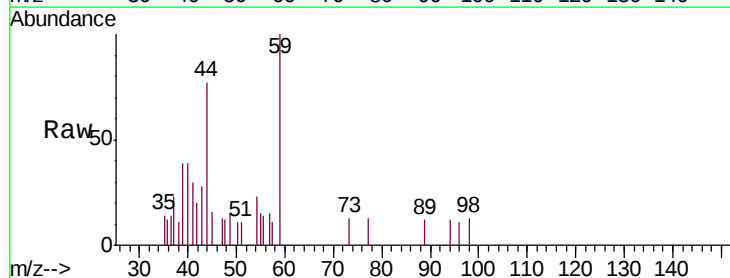
Instrument :
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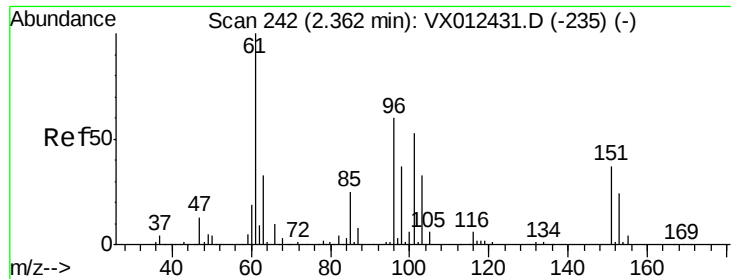
Tgt Ion:142 Resp: 73
Ion Ratio Lower Upper
142 100
127 0.0 40.8 61.2#
141 31.5 12.1 18.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012454.D
Acq: 18 Sep 2019 00:11

Tgt Ion: 59 Resp: 1073
Ion Ratio Lower Upper
59 100
57 29.0 8.3 12.5#

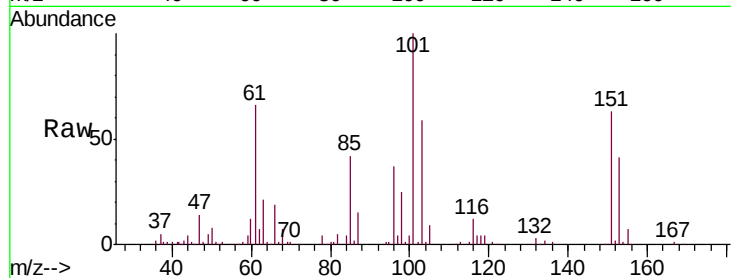




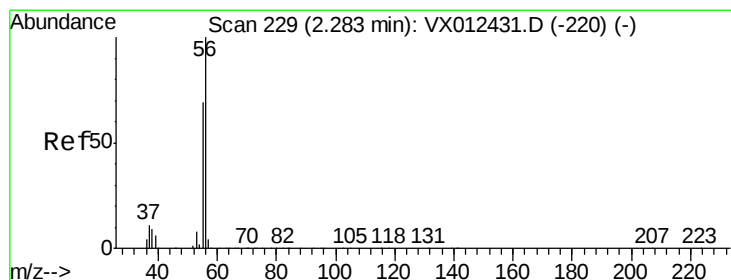
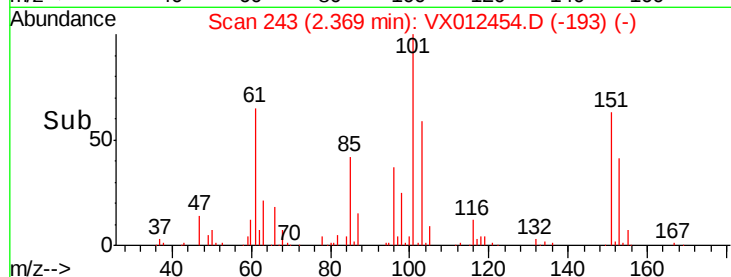
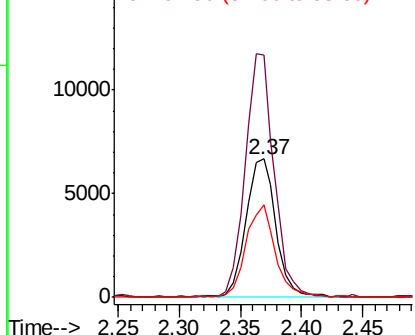
#12
 1,1-Dichloroethene
 Concen: 11.601 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX012454.D
 Acq: 18 Sep 2019 00:11

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20190910

Tgt Ion: 96 Resp: 11377
 Ion Ratio Lower Upper
 96 100
 61 175.4 133.8 200.6
 98 66.8 49.9 74.9

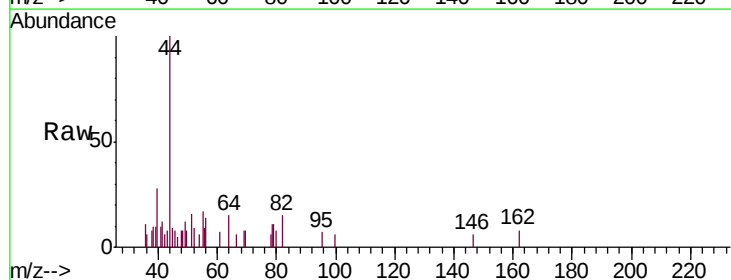


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

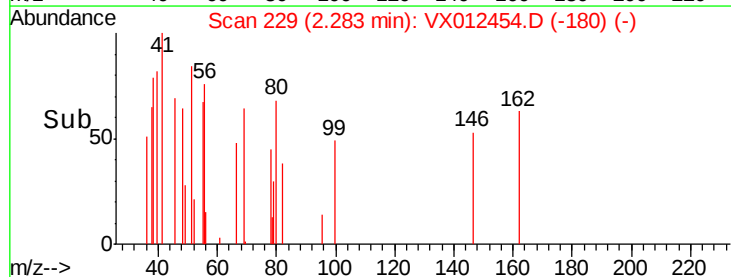
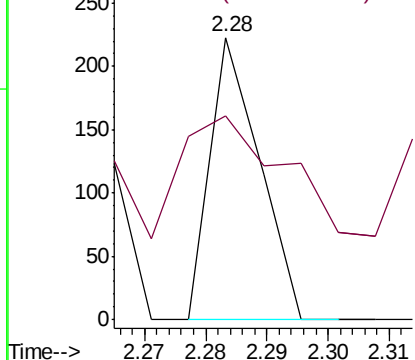


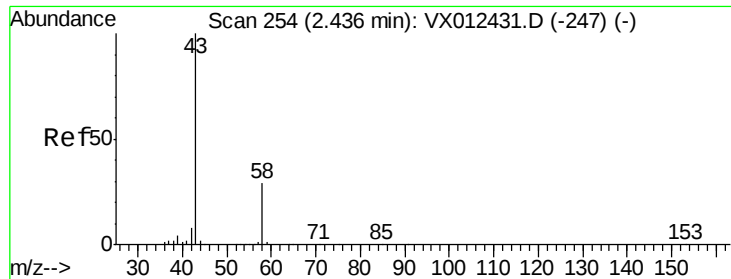
#13
 Acrolein
 Concen: Below Cal
 RT: 2.28 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VX012454.D
 Acq: 18 Sep 2019 00:11

Tgt Ion: 56 Resp: 123
 Ion Ratio Lower Upper
 56 100
 55 89.4 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: Below Cal

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012454.D

Acq: 18 Sep 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

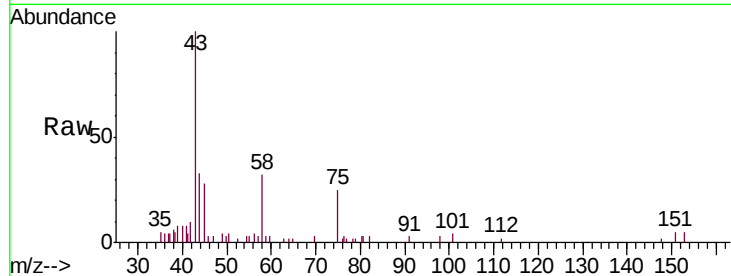
RE125D2-20190910

Tgt Ion: 43 Resp: 4329

Ion Ratio Lower Upper

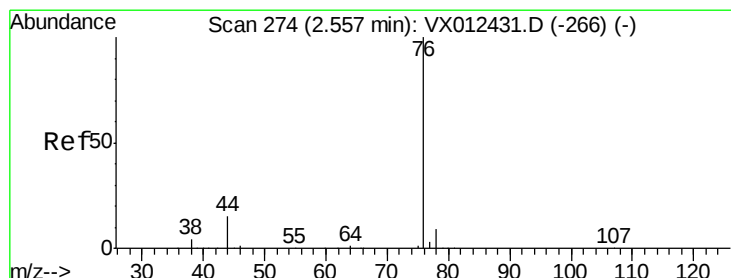
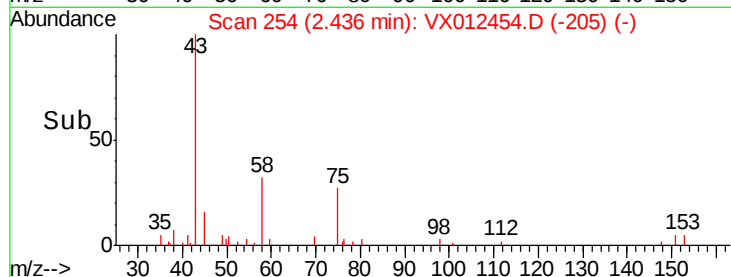
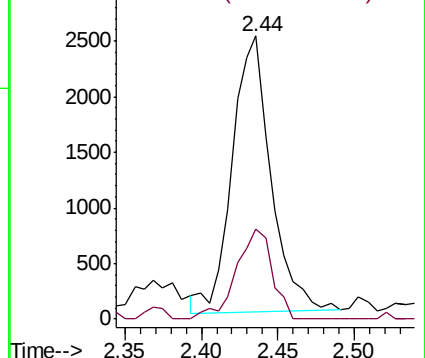
43 100

58 33.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 1.973 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX012454.D

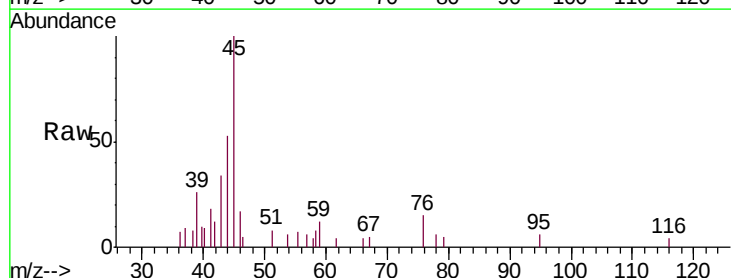
Acq: 18 Sep 2019 00:11

Tgt Ion: 76 Resp: 239

Ion Ratio Lower Upper

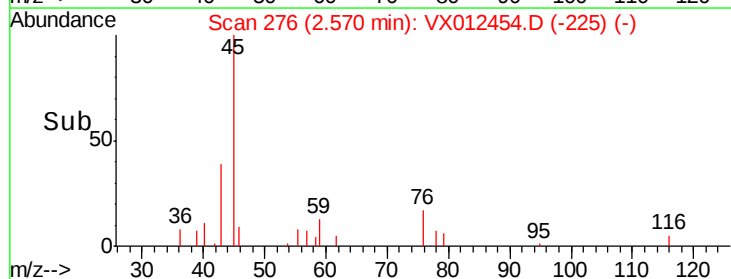
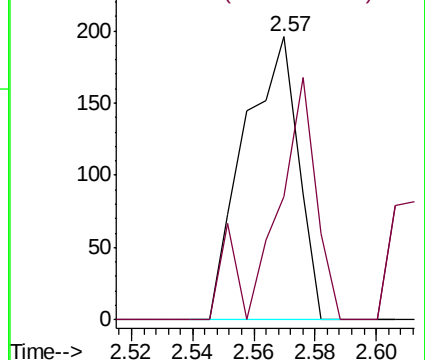
76 100

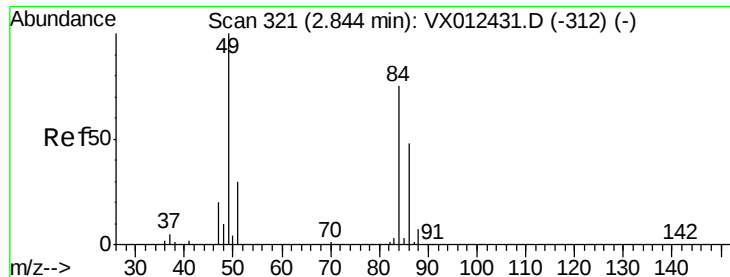
78 43.4 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

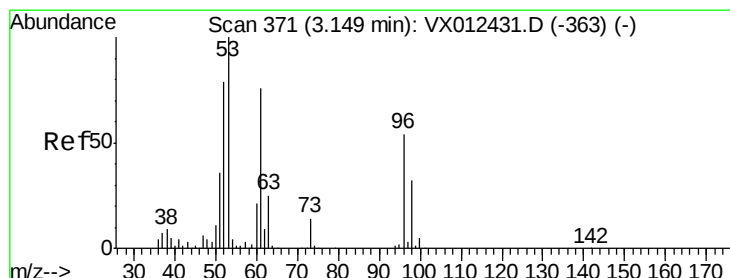
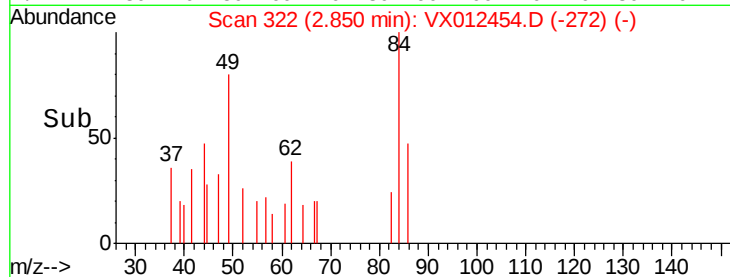
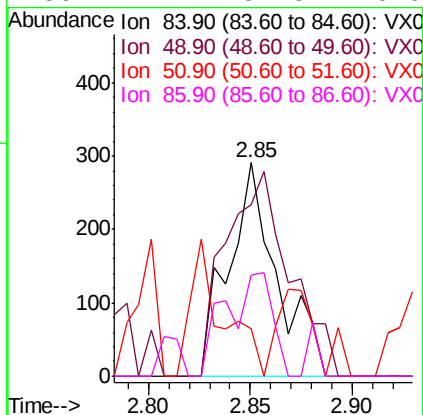
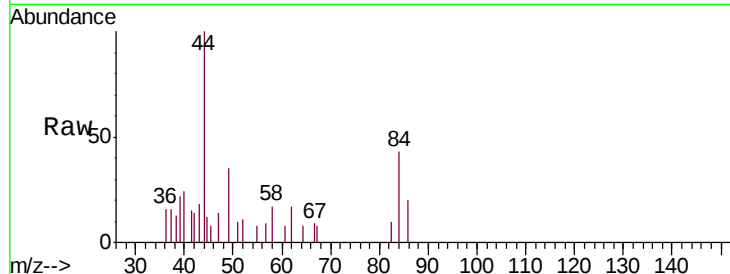




#20
Methylene Chloride
Concen: 0.356 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012454.D
Acq: 18 Sep 2019 00:11

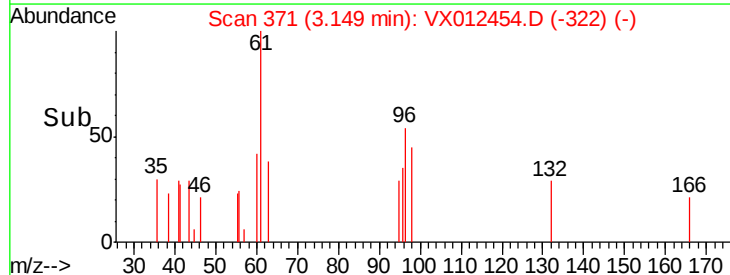
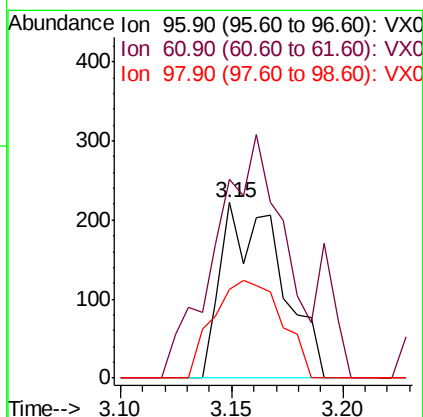
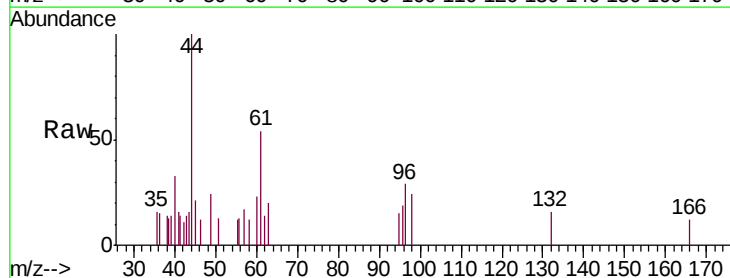
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20190910

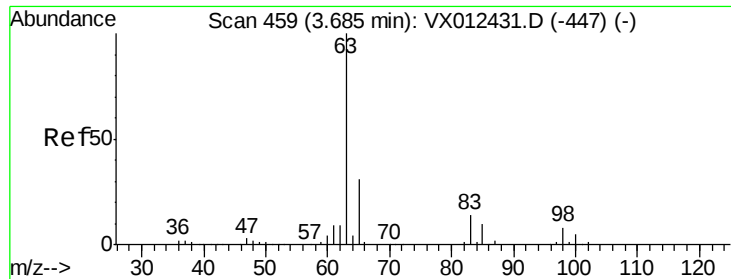
Tgt Ion: 84 Resp: 481
Ion Ratio Lower Upper
84 100
49 80.4 106.8 160.2#
51 0.0 32.3 48.5#
86 47.1 51.3 76.9#



#21
trans-1,2-Dichloroethene
Concen: 0.406 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.00 min
Lab File: VX012454.D
Acq: 18 Sep 2019 00:11

Tgt Ion: 96 Resp: 413
Ion Ratio Lower Upper
96 100
61 80.6 112.0 168.0#
98 50.9 47.8 71.8





#24

1,1-Dichloroethane

Concen: 1.313 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX012454.D

Acq: 18 Sep 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20190910

Tgt Ion: 63 Resp: 3358

Ion Ratio Lower Upper

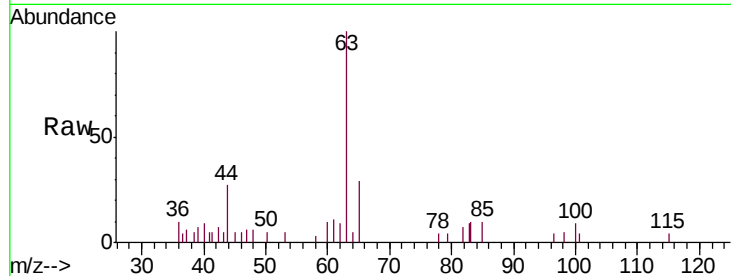
63 100

98 5.1

100 12.7

3.9 11.7

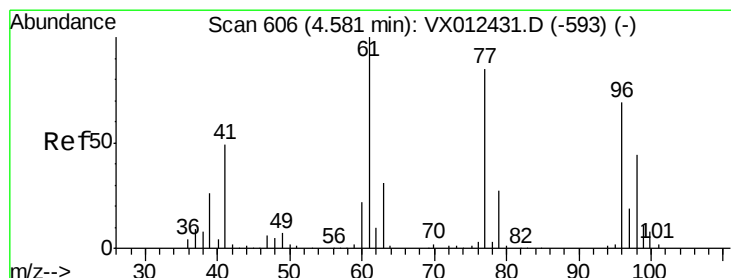
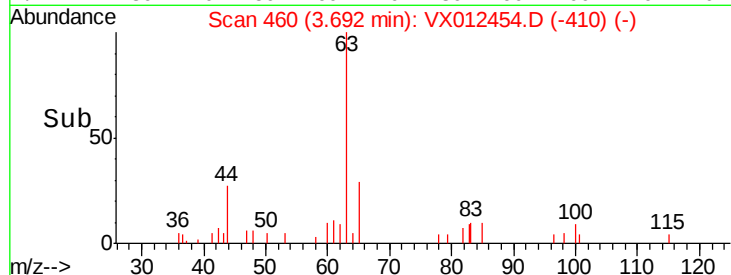
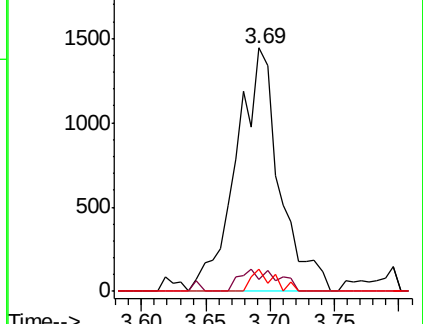
2.3 6.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 7.679 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX012454.D

Acq: 18 Sep 2019 00:11

Tgt Ion: 96 Resp: 11682

Ion Ratio Lower Upper

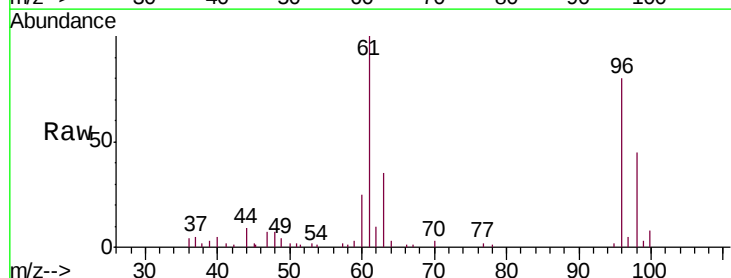
96 100

61 128.9

98 60.4

0.0 319.4

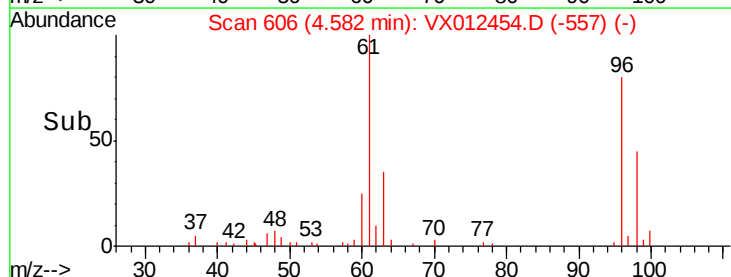
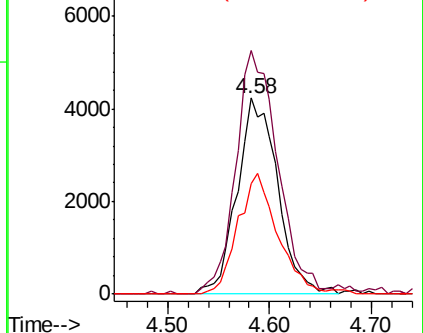
0.0 130.6

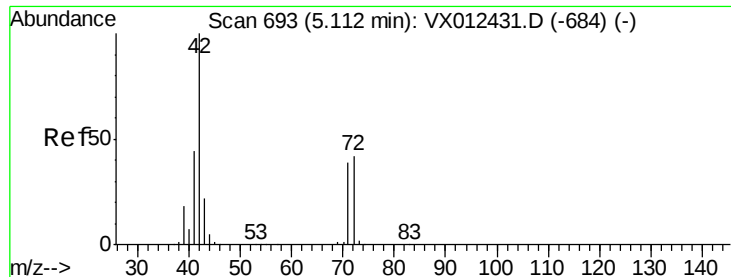


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 1.530 ug/l

RT: 5.14 min Scan# 697

Delta R.T. 0.02 min

Lab File: VX012454.D

Acq: 18 Sep 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20190910

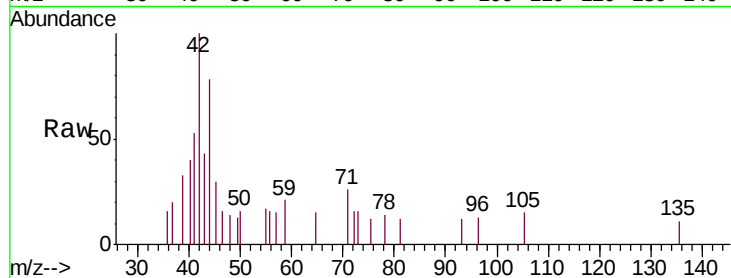
Tgt Ion: 42 Resp: 1311

Ion Ratio Lower Upper

42 100

72 10.4 34.0 51.0#

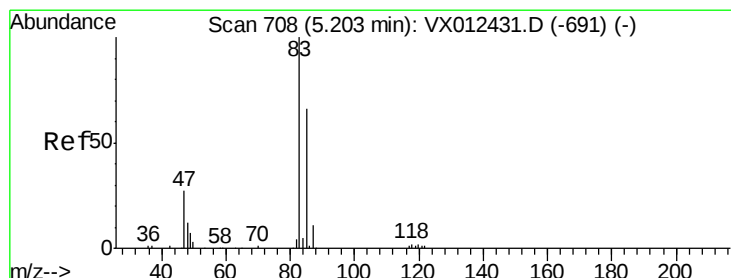
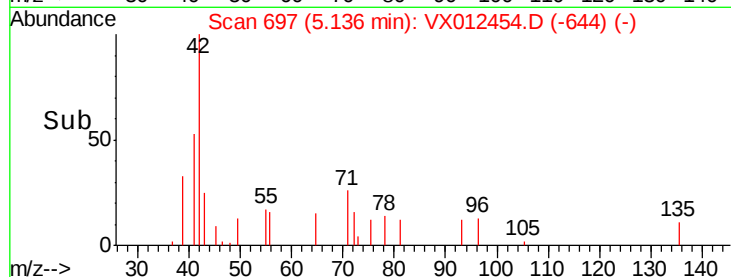
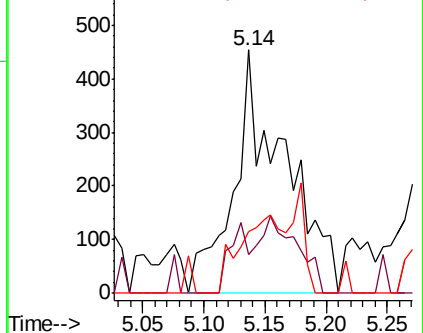
71 0.0 31.5 47.3#



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: 0.713 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX012454.D

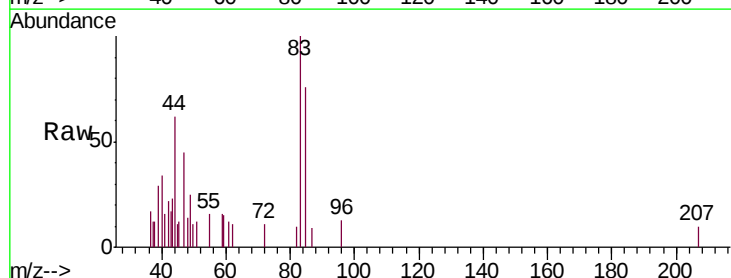
Acq: 18 Sep 2019 00:11

Tgt Ion: 83 Resp: 2096

Ion Ratio Lower Upper

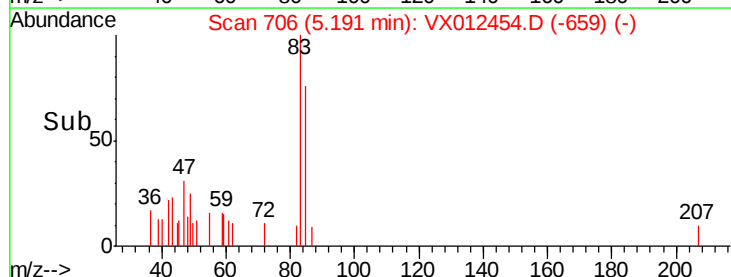
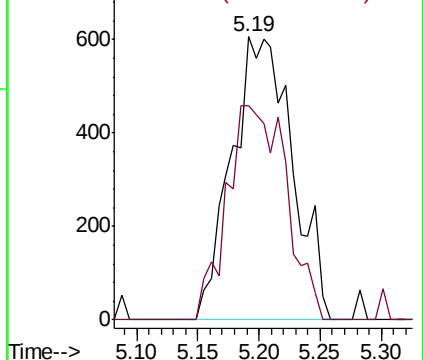
83 100

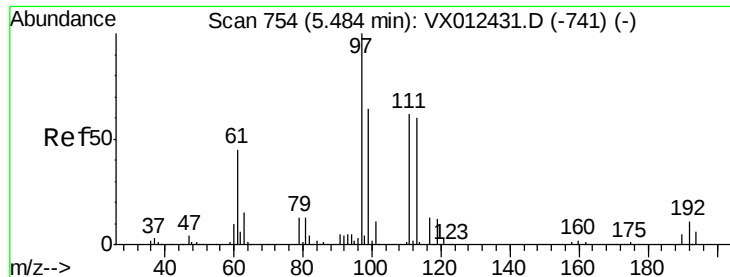
85 75.7 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#32

1,1,1-Trichloroethane

Concen: 0.767 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012454.D

Acq: 18 Sep 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20190910

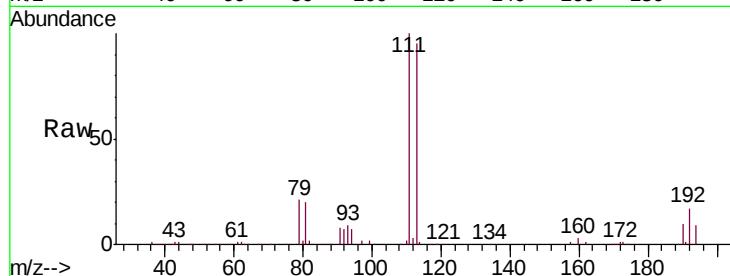
Tgt Ion: 97 Resp: 1882

Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

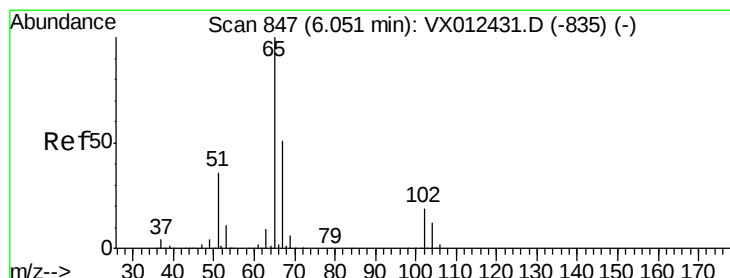
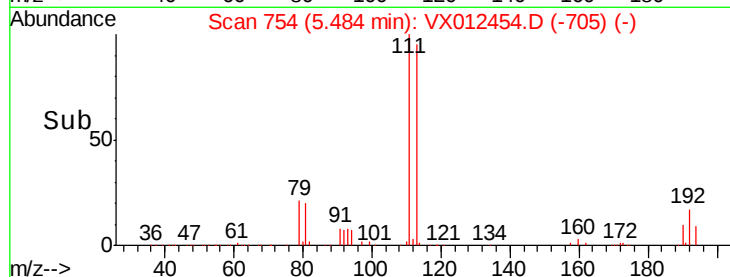
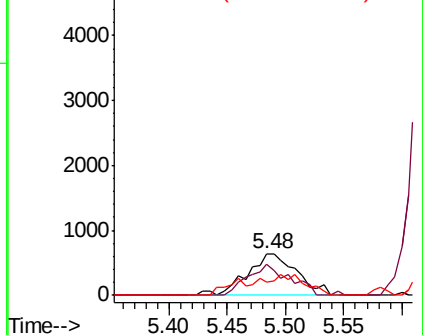
61 0.0 36.1 54.1#



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: 48.671 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012454.D

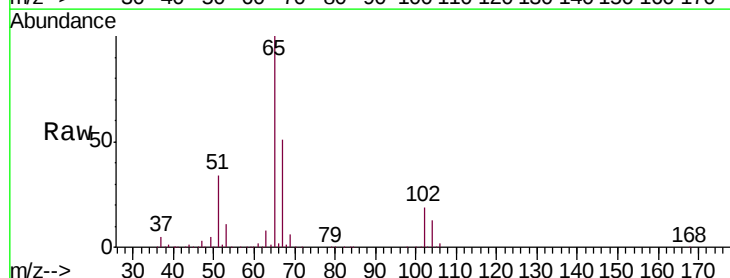
Acq: 18 Sep 2019 00:11

Tgt Ion: 65 Resp: 108812

Ion Ratio Lower Upper

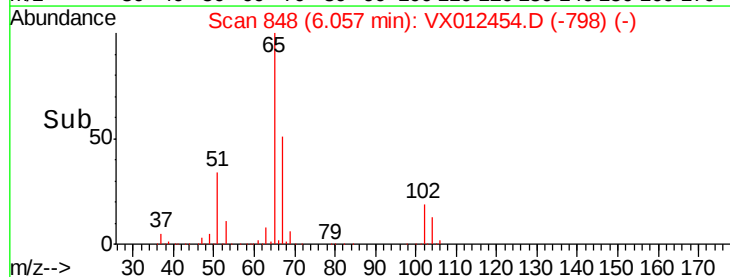
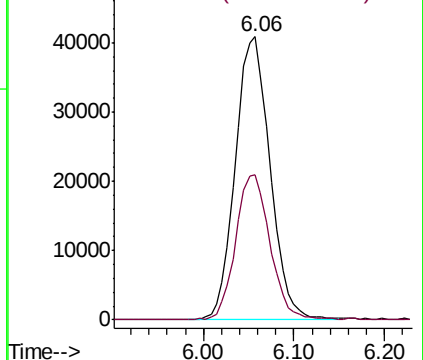
65 100

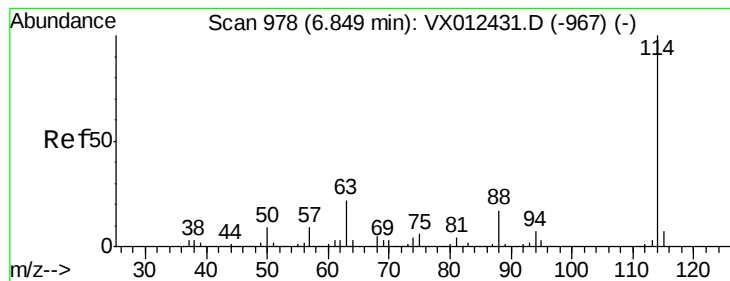
67 50.8 0.0 101.2



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: VX012454.D

Acq: 18 Sep 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20190910

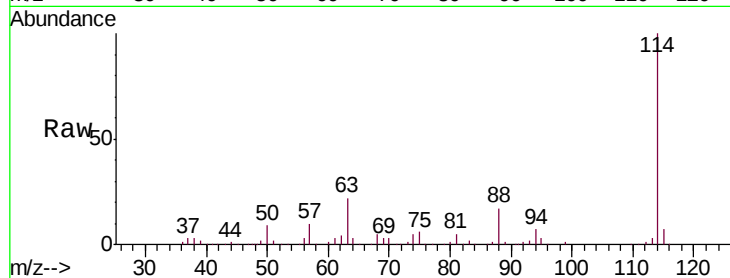
Tgt Ion:114 Resp: 251120

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

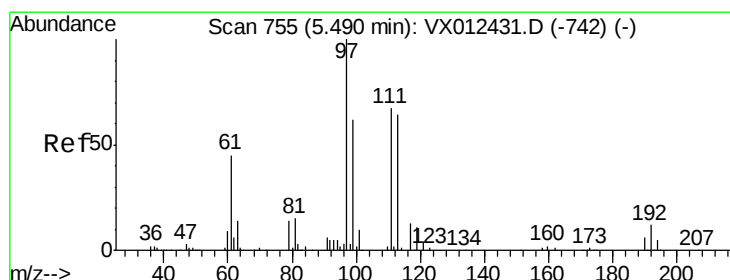
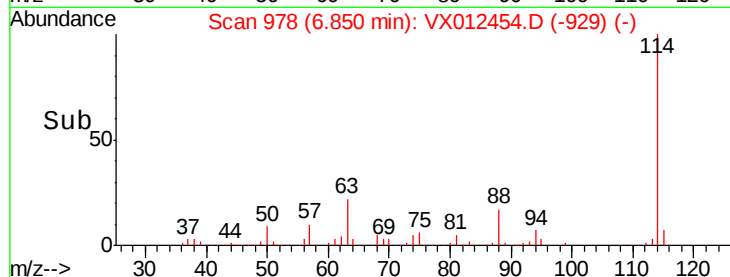
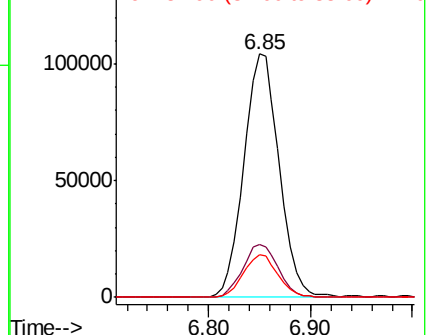
88 17.4 0.0 33.2



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: 50.545 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012454.D

Acq: 18 Sep 2019 00:11

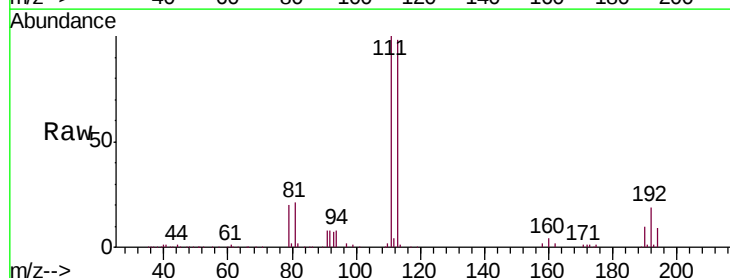
Tgt Ion:113 Resp: 76825

Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.2

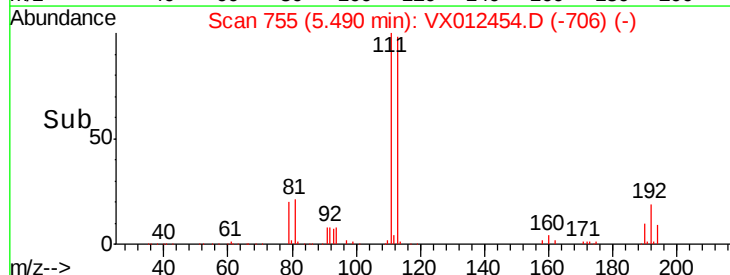
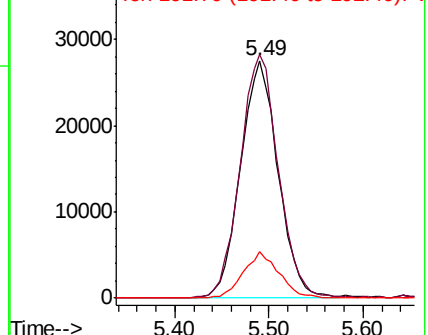
192 18.6 14.4 21.6

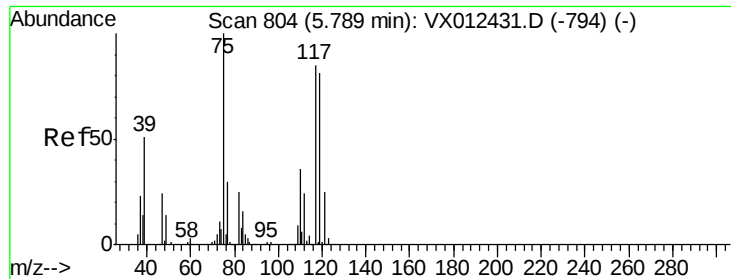


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 8.892 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX012454.D

Acq: 18 Sep 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20190910

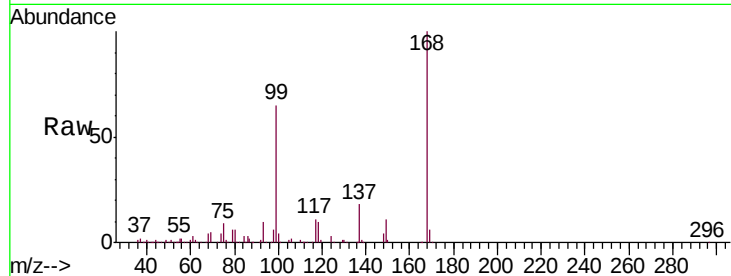
Tgt Ion: 75 Resp: 13571

Ion Ratio Lower Upper

75 100

110 10.4 16.7 50.0#

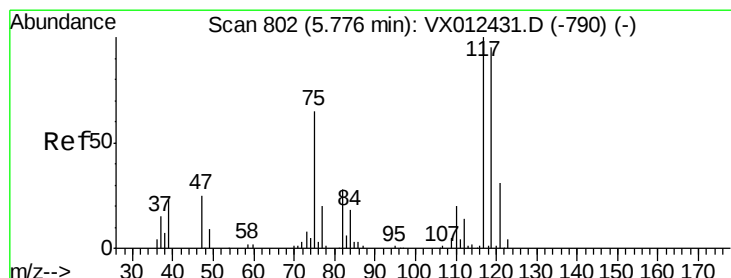
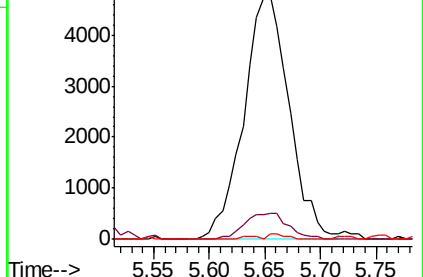
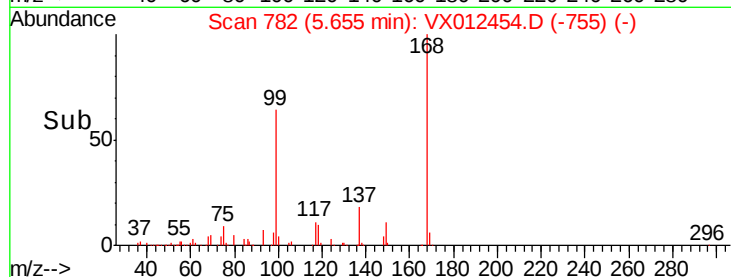
77 0.9 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 0.998 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012454.D

Acq: 18 Sep 2019 00:11

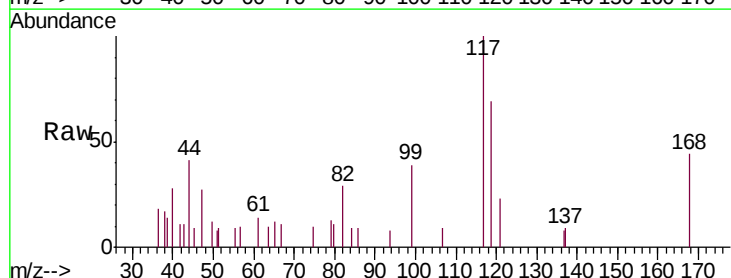
Tgt Ion: 117 Resp: 1894

Ion Ratio Lower Upper

117 100

119 69.4 75.7 113.5#

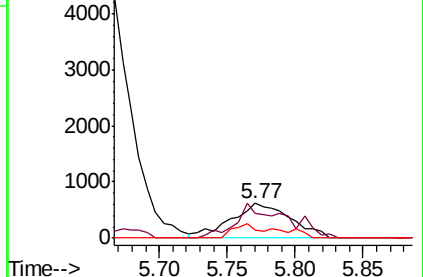
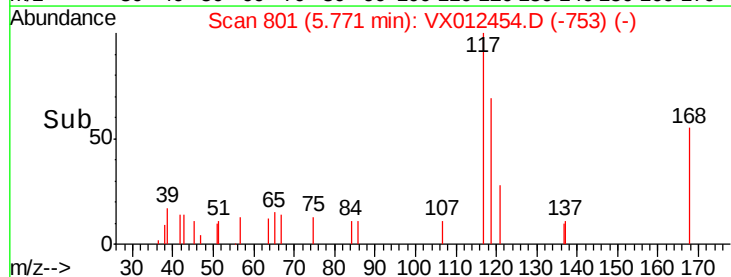
121 22.6 24.2 36.4#

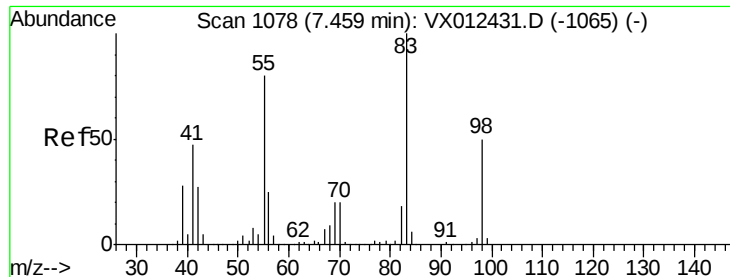


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

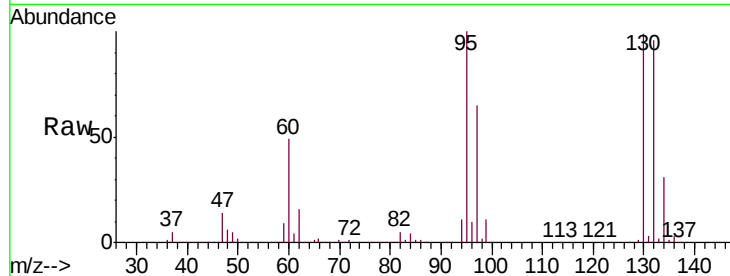




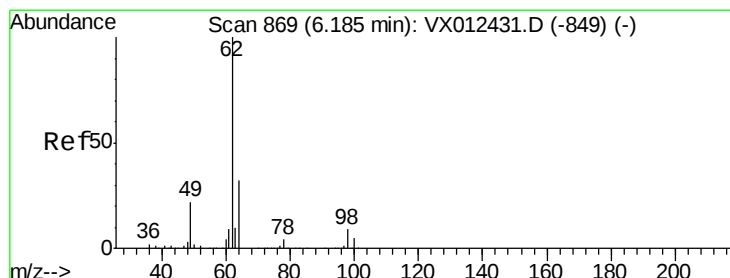
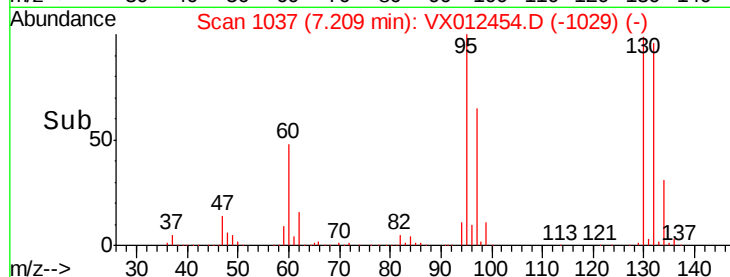
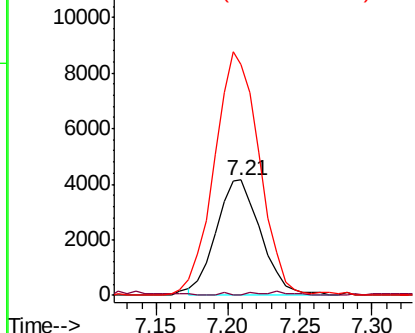
#39
Methylcyclohexane
Concen: 6.048 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.25 min
Lab File: VX012454.D
Acq: 18 Sep 2019 00:11

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20190910

Tgt Ion: 83 Resp: 8973
Ion Ratio Lower Upper
83 100
55 0.0 64.4 96.6#
98 204.0 40.1 60.1#

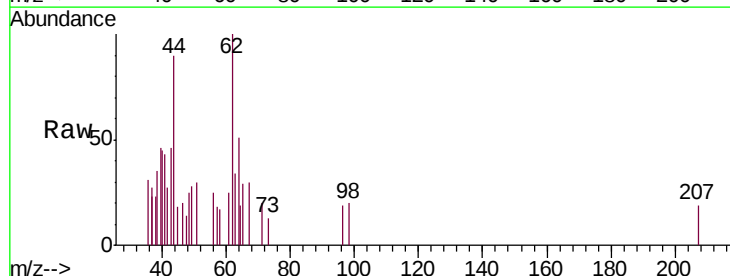


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

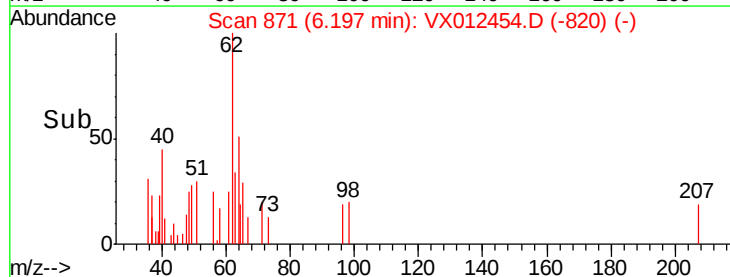
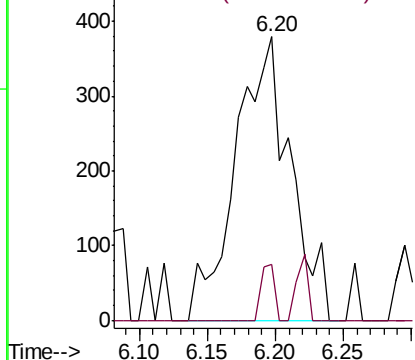


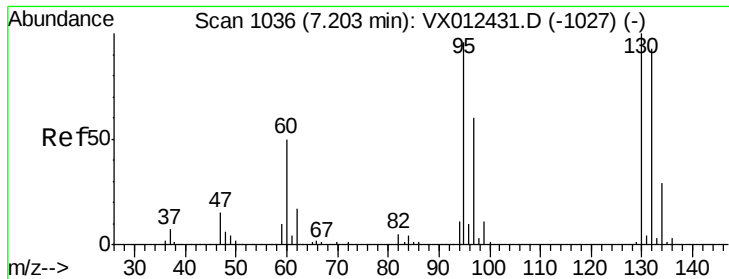
#42
1,2-Dichloroethane
Concen: 0.475 ug/l
RT: 6.20 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX012454.D
Acq: 18 Sep 2019 00:11

Tgt Ion: 62 Resp: 1070
Ion Ratio Lower Upper
62 100
98 5.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 558.300 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012454.D

Acq: 18 Sep 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

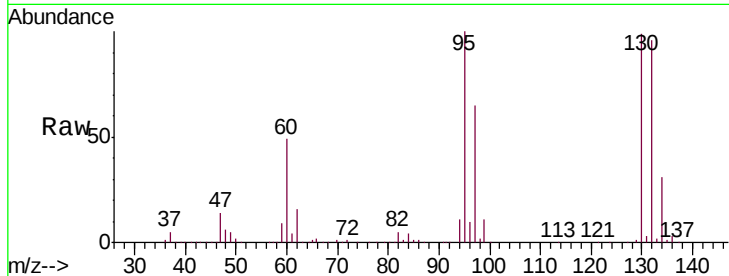
RE125D2-20190910

Tgt Ion:130 Resp: 712755

Ion Ratio Lower Upper

130 100

95 100.7 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

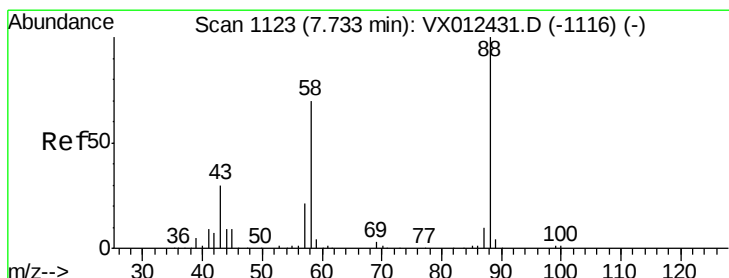
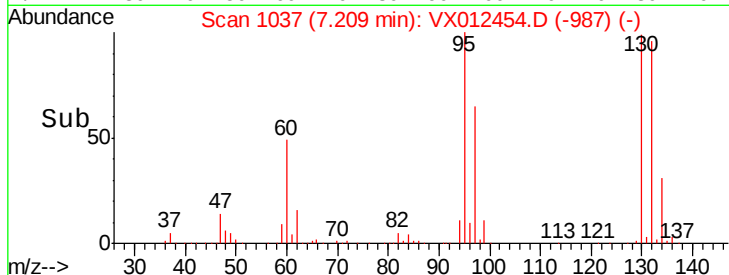
300000

200000

100000

0

Time-->



#49

1,4-Dioxane

Concen: 39.677 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX012454.D

Acq: 18 Sep 2019 00:11

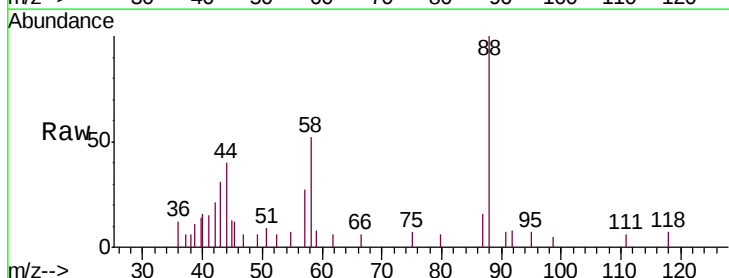
Tgt Ion: 88 Resp: 1914

Ion Ratio Lower Upper

88 100

43 57.8 29.4 44.0#

58 89.1 57.5 86.3#



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

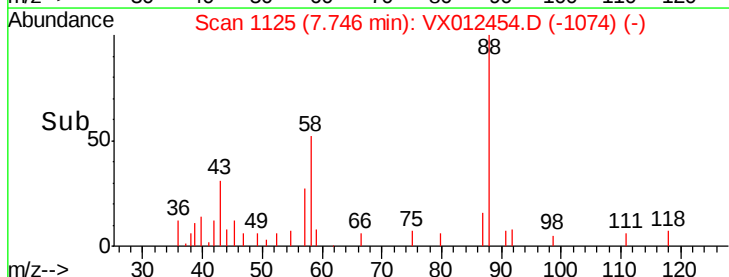
7.75

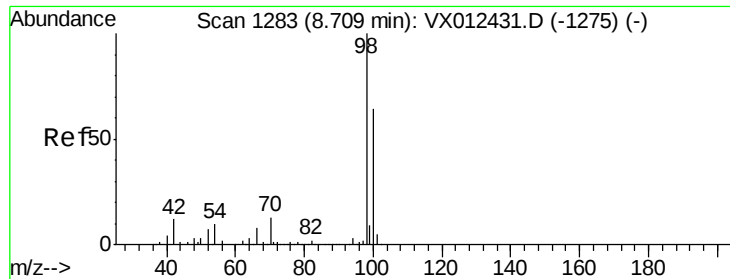
1000

500

0

Time-->

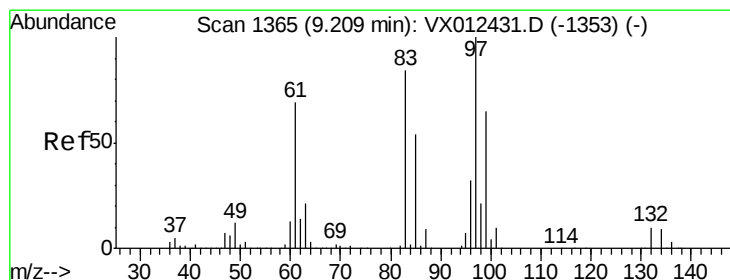
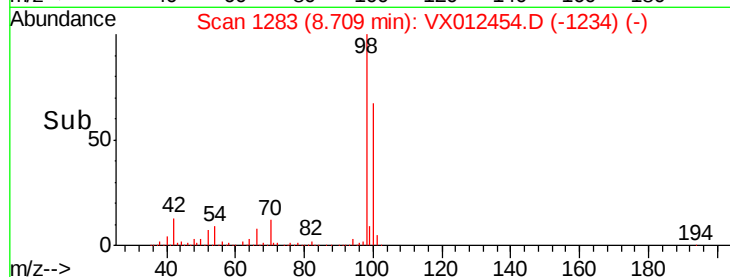
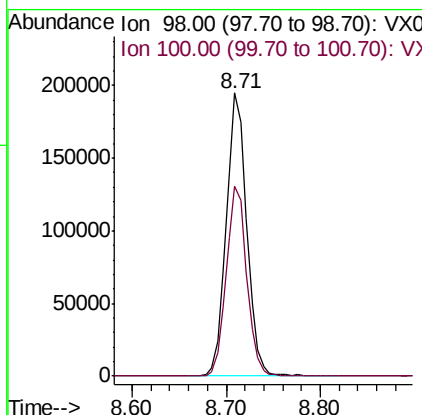
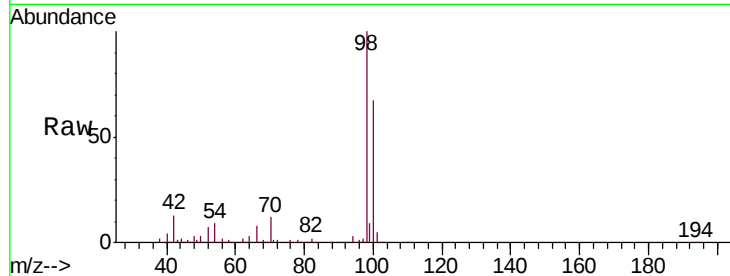




#50
Toluene-d8
Concen: 52.308 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012454.D
Acq: 18 Sep 2019 00:11

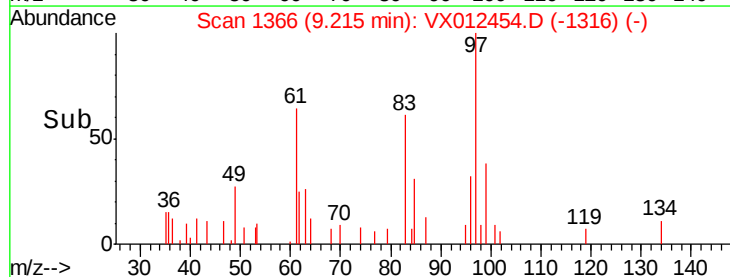
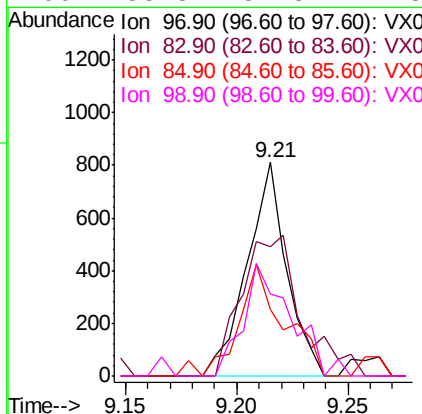
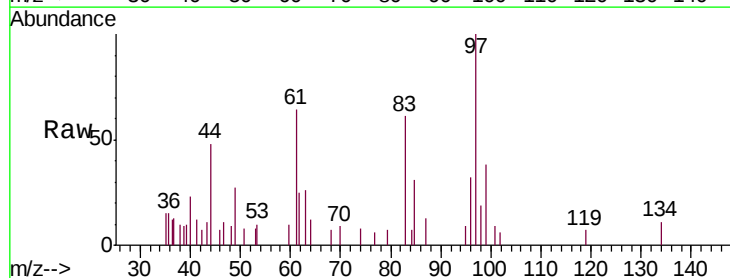
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20190910

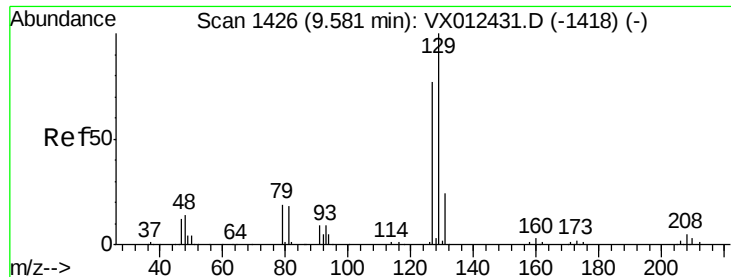
Tgt Ion: 98 Resp: 294281
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2



#55
1,1,2-Trichloroethane
Concen: 0.625 ug/l
RT: 9.21 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VX012454.D
Acq: 18 Sep 2019 00:11

Tgt Ion: 97 Resp: 1007
Ion Ratio Lower Upper
97 100
83 60.8 67.4 101.2#
85 30.9 43.5 65.3#
99 38.3 51.8 77.8#

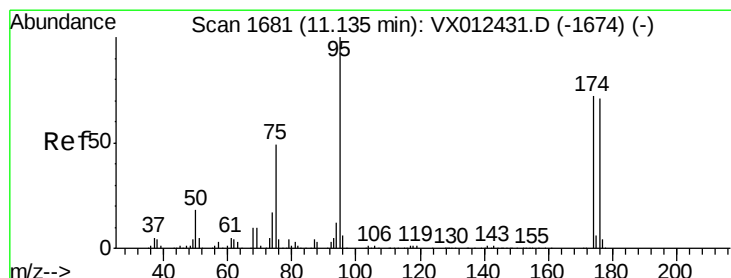
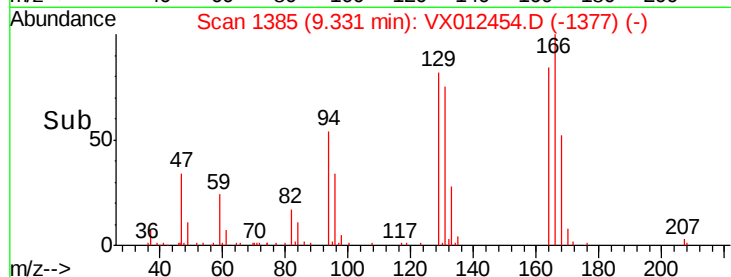
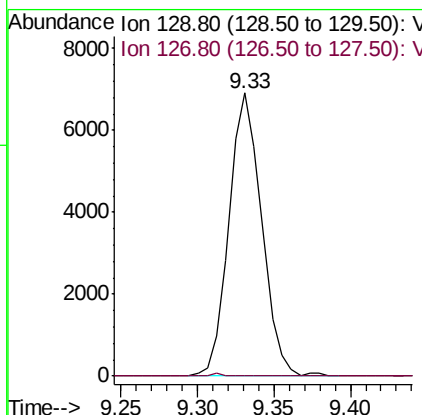
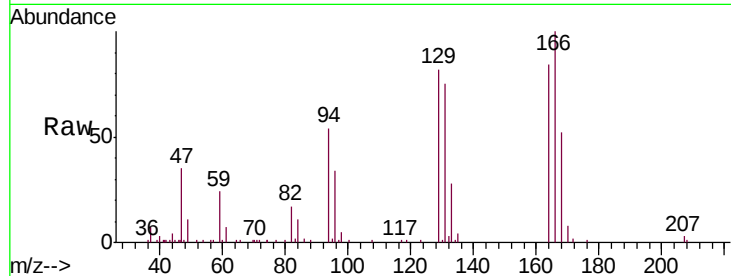




#60
Dibromochloromethane
Concen: 6.231 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012454.D
Acq: 18 Sep 2019 00:11

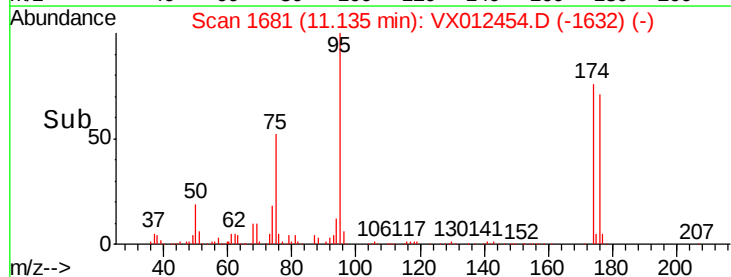
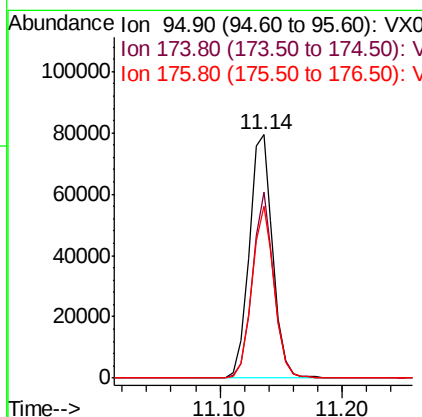
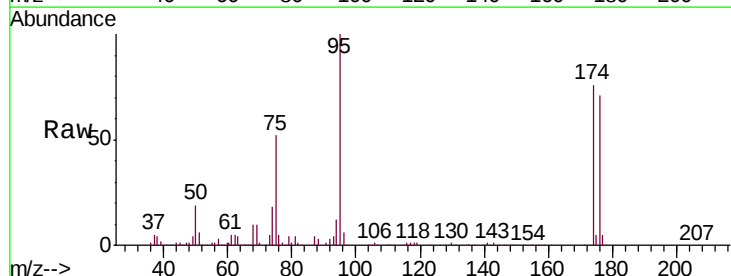
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20190910

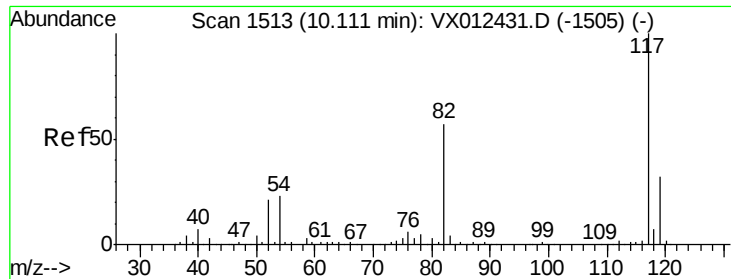
Tgt Ion: 129 Resp: 10226
Ion Ratio Lower Upper
129 100
127 0.3 38.9 116.6#



#62
4-Bromofluorobenzene
Concen: 45.094 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012454.D
Acq: 18 Sep 2019 00:11

Tgt Ion: 95 Resp: 105336
Ion Ratio Lower Upper
95 100
174 70.3 0.0 140.0
176 68.0 0.0 135.4

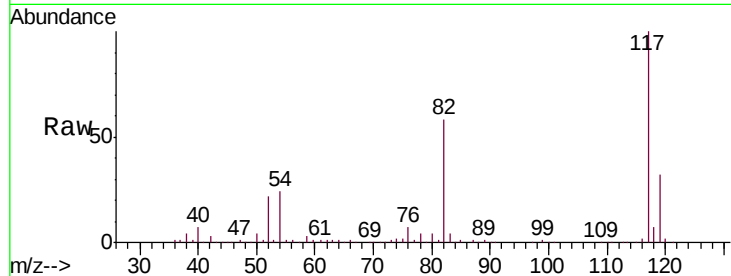




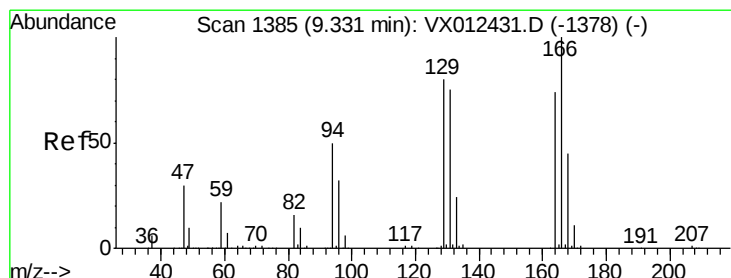
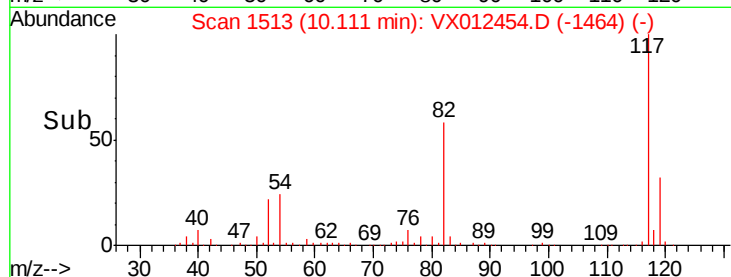
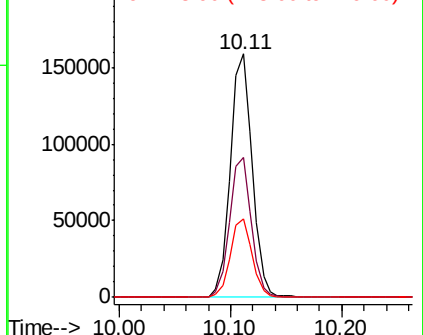
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012454.D
Acq: 18 Sep 2019 00:11

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20190910

Tgt Ion:117 Resp: 215411
Ion Ratio Lower Upper
117 100
82 57.6 45.9 68.9
119 32.3 25.3 37.9



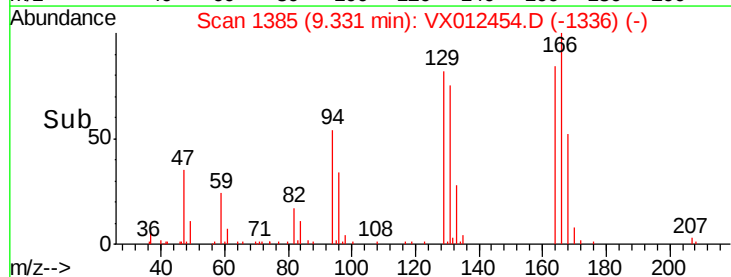
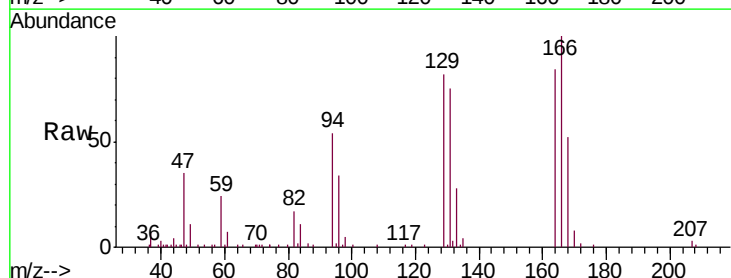
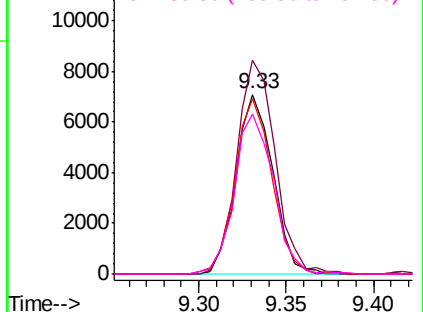
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

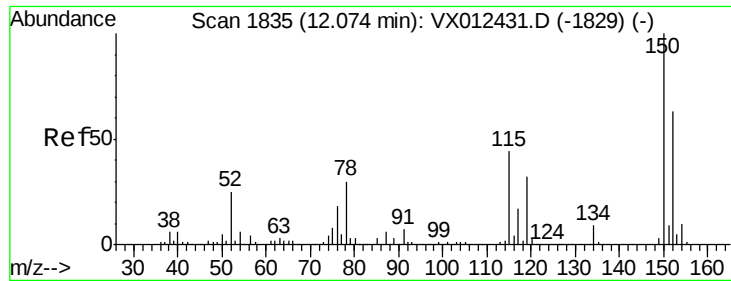


#64
Tetrachloroethene
Concen: 10.548 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012454.D
Acq: 18 Sep 2019 00:11

Tgt Ion:164 Resp: 10412
Ion Ratio Lower Upper
164 100
166 118.9 107.8 161.6
129 97.4 86.2 129.2
131 89.4 80.4 120.6

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: VX012454.D

Acq: 18 Sep 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20190910

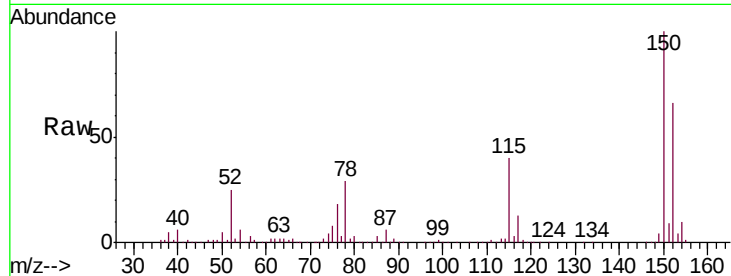
Tgt Ion:152 Resp: 86529

Ion Ratio Lower Upper

152 100

115 63.4 44.1 132.3

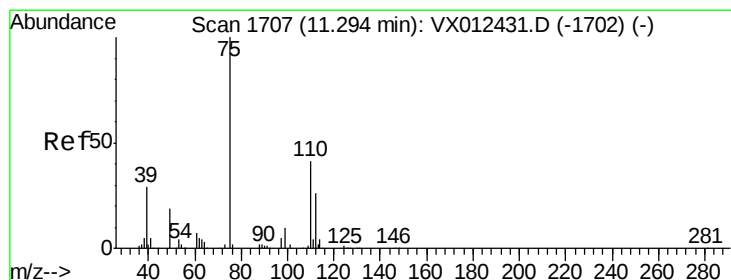
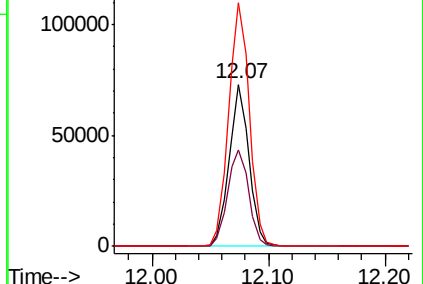
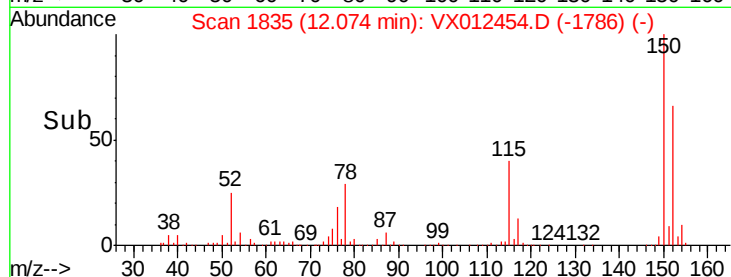
150 156.5 0.0 343.8



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: 27.737 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012454.D

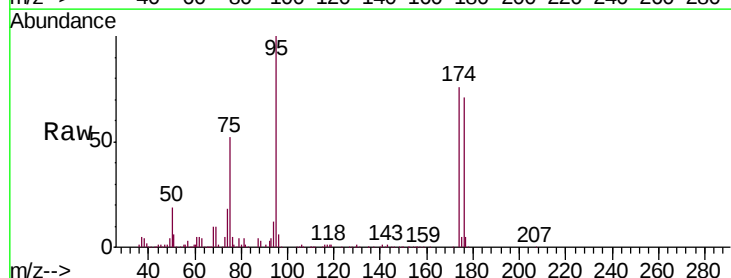
Acq: 18 Sep 2019 00:11

Tgt Ion: 75 Resp: 55132

Ion Ratio Lower Upper

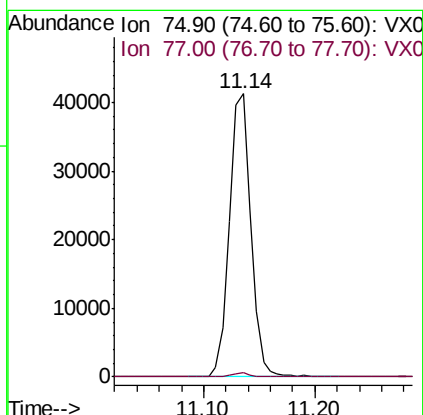
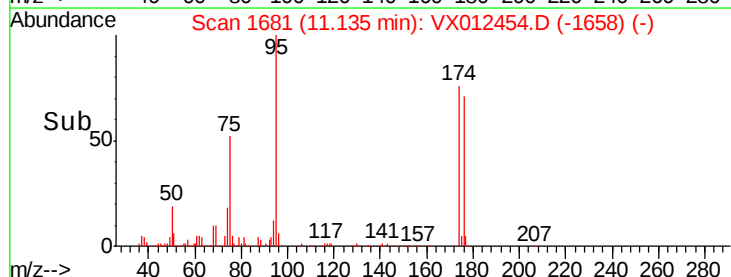
75 100

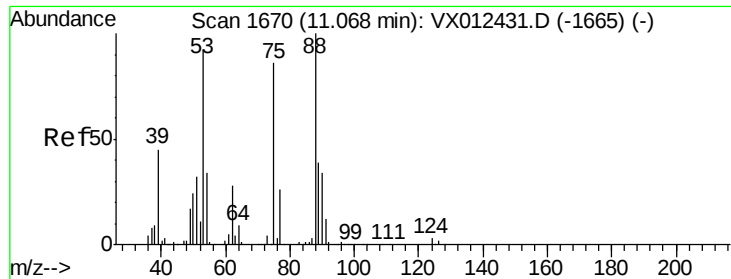
77 1.4 19.7 59.0#



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: 74.530 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012454.D

Acq: 18 Sep 2019 00:11

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20190910

Tgt Ion: 75 Resp: 55132

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

89 0.1 36.3 54.5#

