

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101118\
 Data File : VX005273.D
 Acq On : 12 Oct 2018 00:01
 Operator : JC/MD
 Sample : J5393-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-640FT-20181009

Quant Time: Oct 12 07:13:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	203840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	268747	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158196	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	151949	52.18	ug/l	0.00
Spiked Amount						
			Recovery	=	104.36%	
35) Dibromofluoromethane	5.51	113	129079	56.67	ug/l	0.00
Spiked Amount						
			Recovery	=	113.34%	
50) Toluene-d8	8.72	98	394543	52.10	ug/l	0.00
Spiked Amount						
			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	11.14	95	143376	52.56	ug/l	0.00
Spiked Amount						
			Recovery	=	105.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	1155	0.416	ug/l	95
6) Chloroethane	1.71	64	552	Below Cal		99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75078	33.664	ug/l	96
11) Tert butyl alcohol	3.01	59	2272	2.791	ug/l #	82
12) 1,1-Dichloroethene	2.37	96	20671	9.359	ug/l	93
13) Acrolein	2.29	56	178	0.307	ug/l #	43
16) Acetone	2.45	43	3048	1.793	ug/l	99
18) Methyl Acetate	2.78	43	1260	0.293	ug/l	99
20) Methylene Chloride	2.86	84	470	Below Cal	#	80
21) trans-1,2-Dichloroethene	3.16	96	728	0.301	ug/l #	77
24) 1,1-Dichloroethane	3.69	63	8283	1.711	ug/l	97
25) 2-Butanone	4.71	43	542	0.216	ug/l #	49
27) cis-1,2-Dichloroethene	4.59	96	17435	6.455	ug/l	92
28) Bromochloromethane	5.22	49	1162	0.510	ug/l #	13
29) Tetrahydrofuran	5.17	42	1901	1.221	ug/l #	78
30) Chloroform	5.22	83	12943	2.829	ug/l	91
31) Cyclohexane	5.66	56	3435	0.927	ug/l #	1
32) 1,1,1-Trichloroethane	5.49	97	2366	0.633	ug/l #	47
36) 1,1-Dichloropropene	5.67	75	12537	4.034	ug/l #	46
38) Carbon Tetrachloride	5.79	117	16824	5.150	ug/l #	95
39) Methylcyclohexane	7.22	83	76870	24.225	ug/l #	1
42) 1,2-Dichloroethane	6.21	62	1627	0.473	ug/l	96
44) Trichloroethene	7.22	130	6782847	2836.041	ug/l	97
49) 1,4-Dioxane	7.76	88	1224	18.231	ug/l #	82
55) 1,1,2-Trichloroethane	9.21	97	4202	1.794	ug/l	94
56) Ethyl methacrylate	9.41	69	23	2.868	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.38	63	22	14.252	ug/l #	49
60) Dibromochloromethane	9.34	129	5469	2.335	ug/l #	10
64) Tetrachloroethene	9.34	164	6165	2.299	ug/l	91
74) N-amyl acetate	10.91	43	81	1.762	ug/l #	58
76) 1,2,3-Trichloropropane	11.14	75	71146	20.065	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	105	Below Cal		92
81) trans-1,4-Dichloro-2-buten	11.14	75	71146	54.537	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	239	Below Cal	#	45

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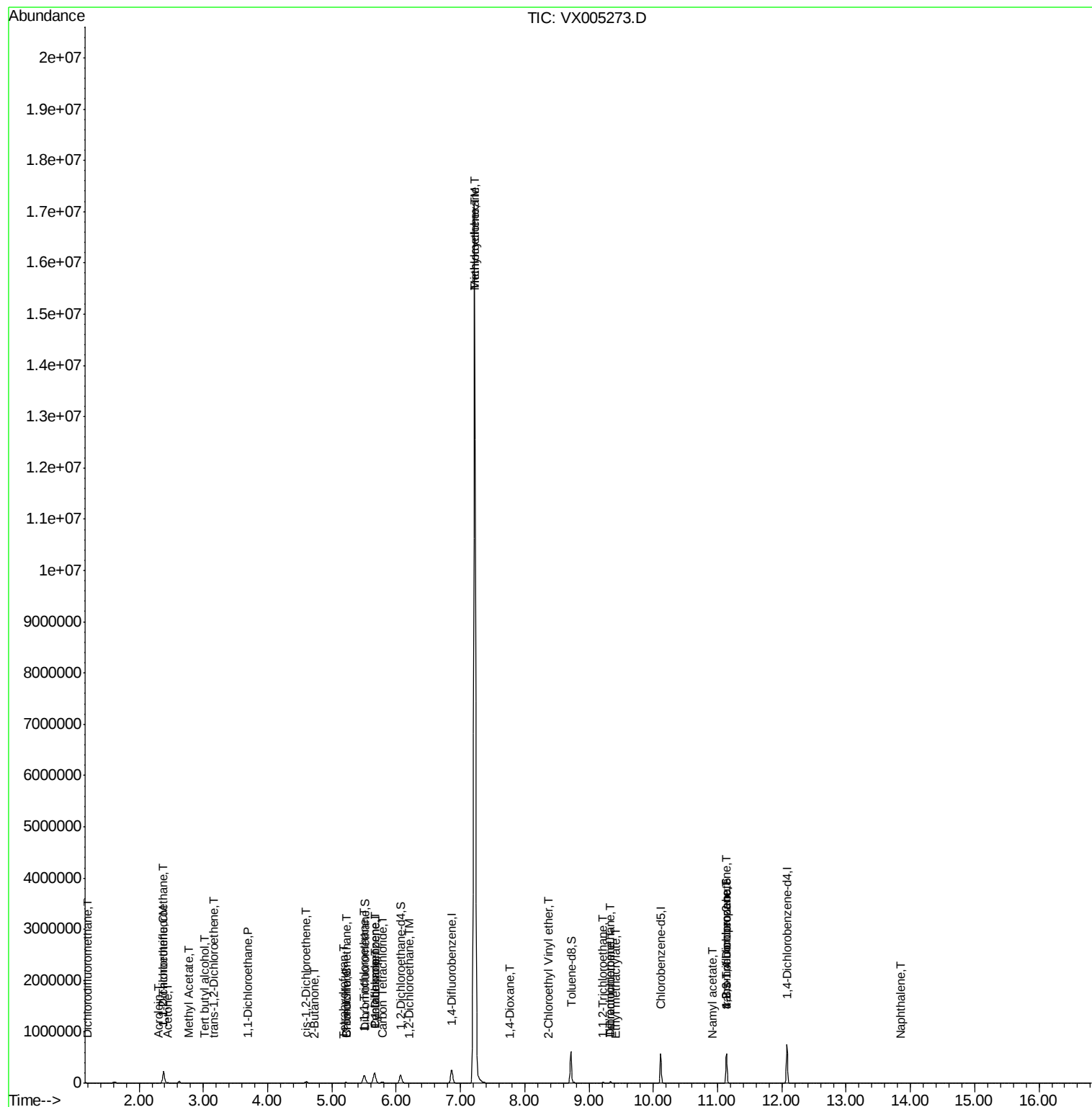
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	258	0.739	ug/l #	69

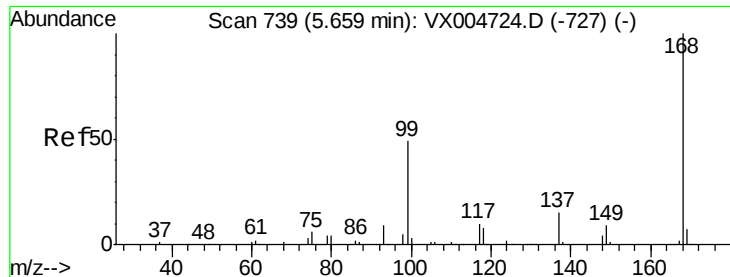
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

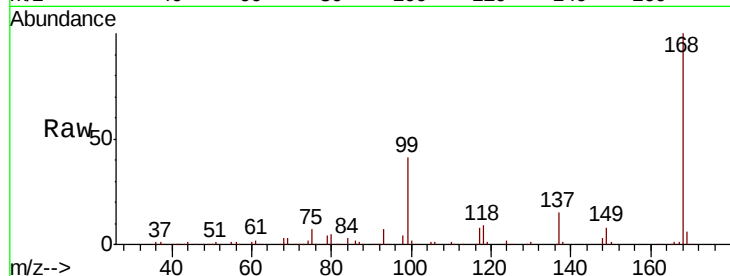
RE137-640FT-20181009

Tot Ion:168 Resp: 203840

Ion Ratio Lower Upper

168 100

99 41.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

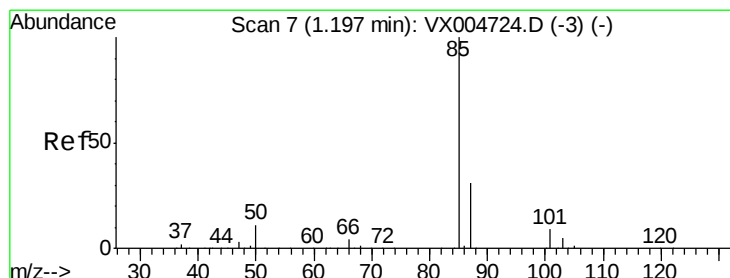
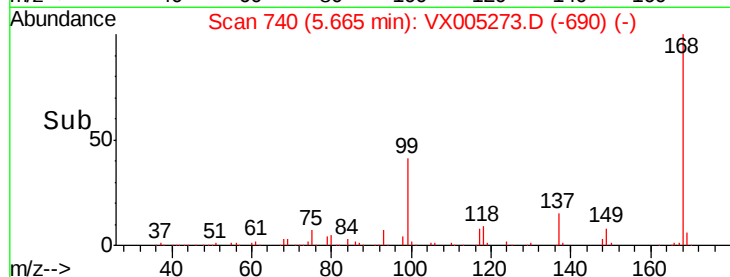
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 0.416 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005273.D

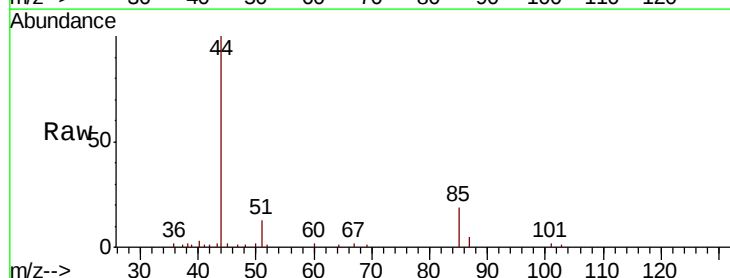
Acq: 12 Oct 2018 00:01

Tgt Ion: 85 Resp: 1155

Ion Ratio Lower Upper

85 100

87 28.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

1200

1000

800

600

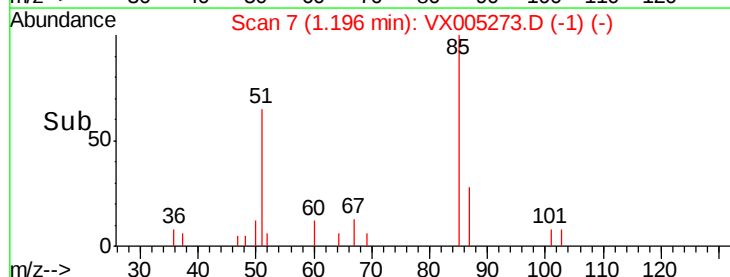
400

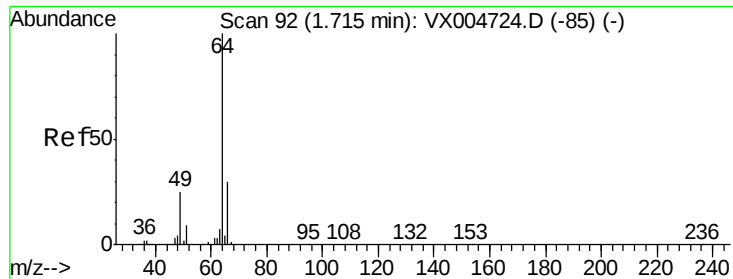
200

0

Time-->

1.20 1.25





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

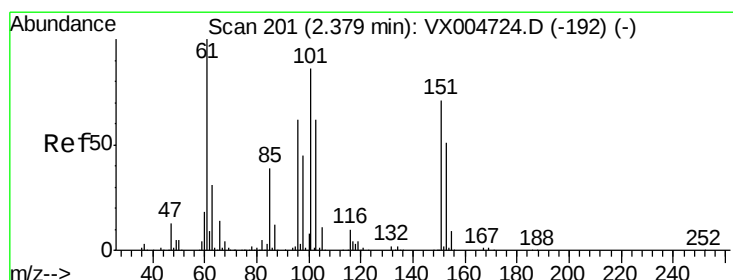
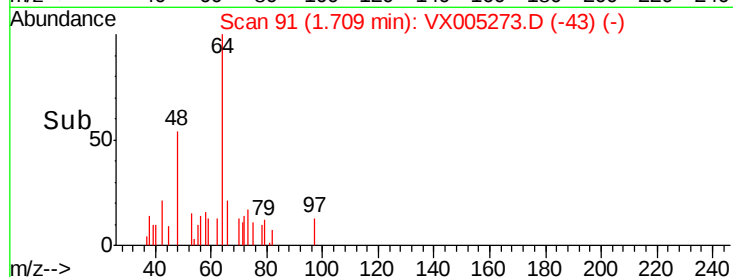
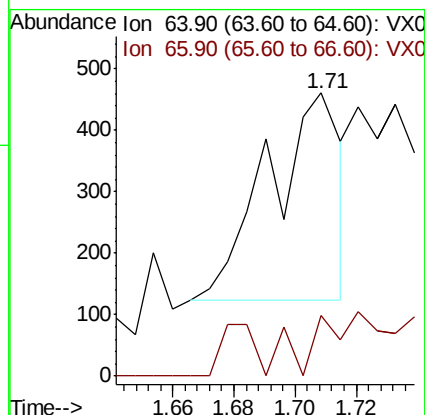
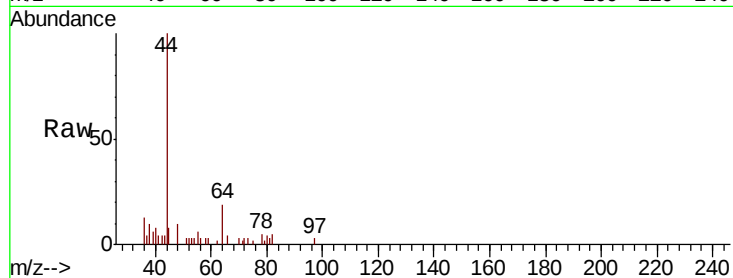
RE137-640FT-20181009

Tot Ion: 64 Resp: 552

Ion Ratio Lower Upper

64 100

66 29.4 23.8 35.6



#9

1,1,2-Trichlorotrifluoroethane

Concen: 33.664 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

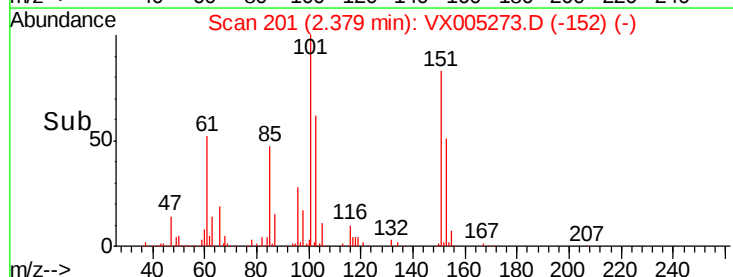
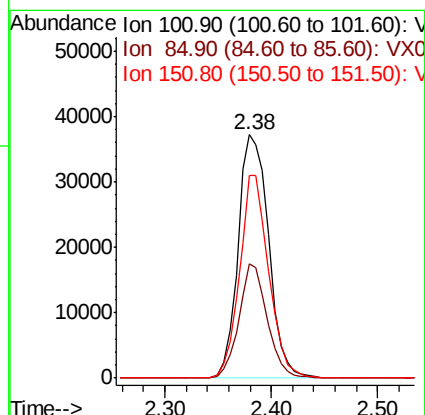
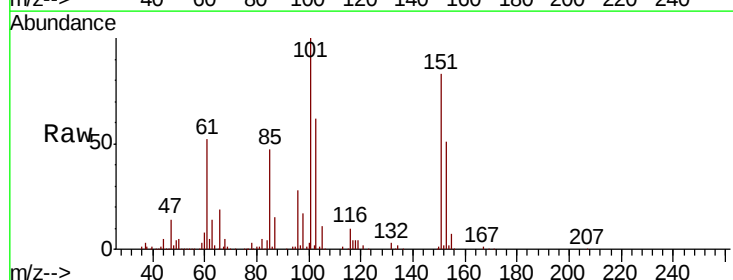
Tgt Ion:101 Resp: 75078

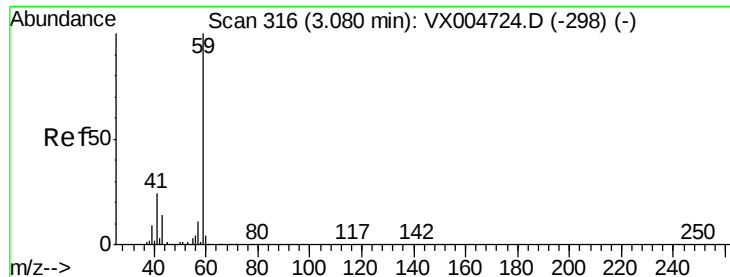
Ion Ratio Lower Upper

101 100

85 43.5 35.9 53.9

151 79.2 66.6 100.0



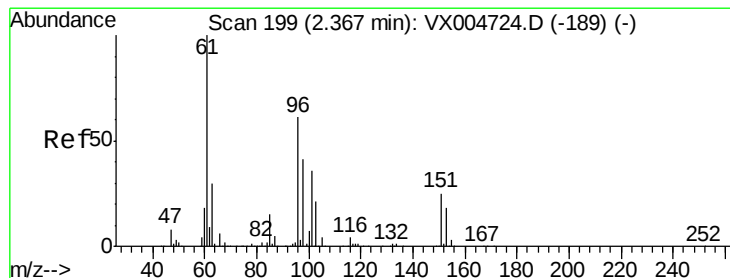
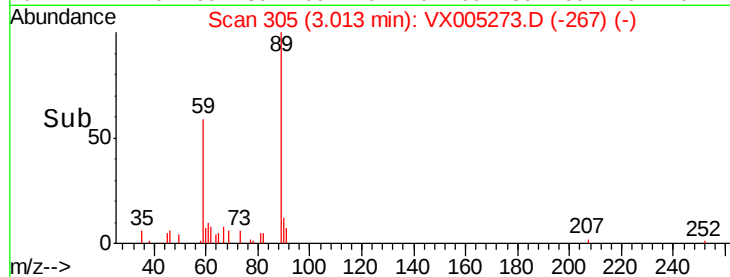
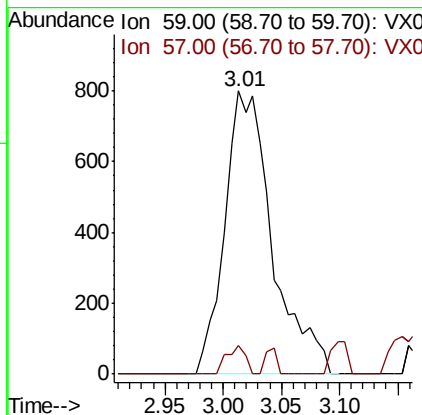
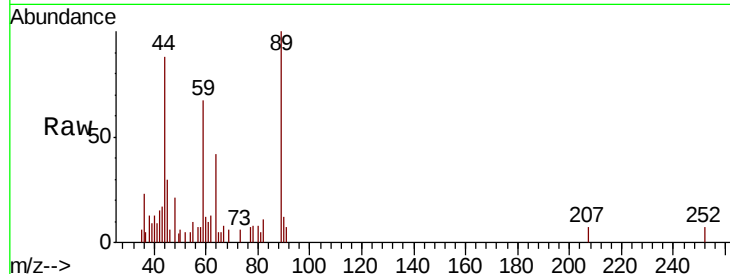


#11

Tert butyl alcohol
 Concen: 2.791 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.07 min
 Lab File: VX005273.D
 Acq: 12 Oct 2018 00:01

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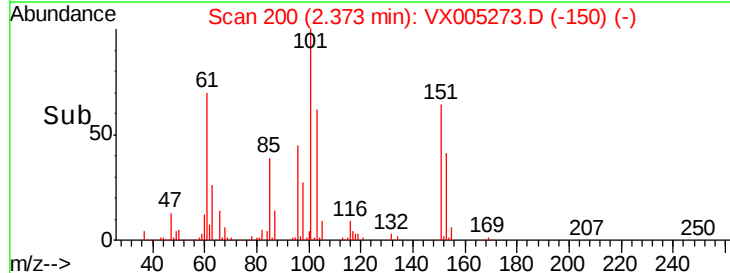
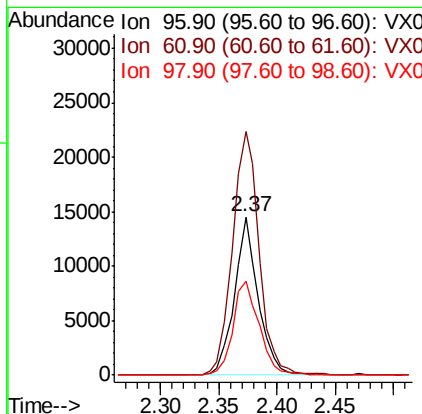
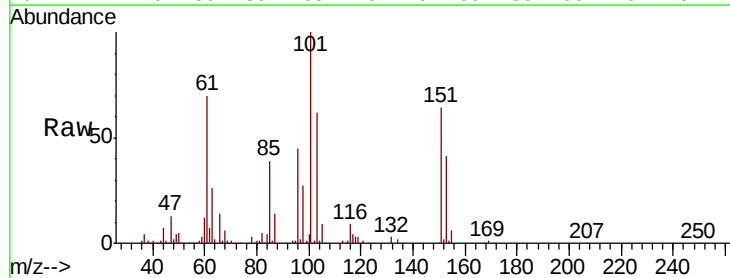
Tot Ion: 59 Resp: 2272
 Ion Ratio Lower Upper
 59 100
 57 4.0 8.6 12.8#

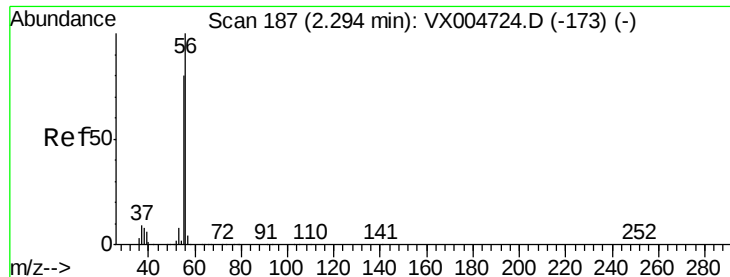


#12

1,1-Dichloroethene
 Concen: 9.359 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005273.D
 Acq: 12 Oct 2018 00:01

Tgt Ion: 96 Resp: 20671
 Ion Ratio Lower Upper
 96 100
 61 154.3 130.2 195.4
 98 59.8 53.4 80.0





#13

Acrolein

Concen: 0.307 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

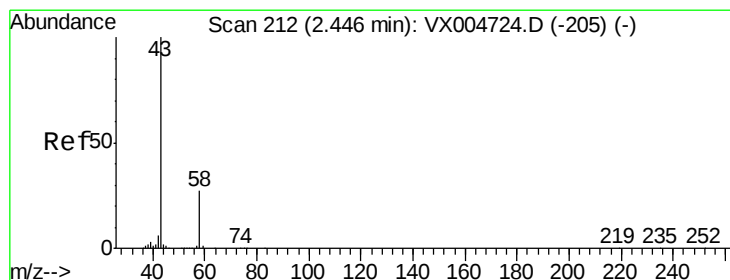
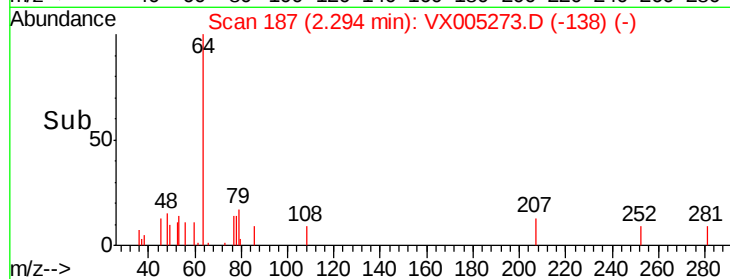
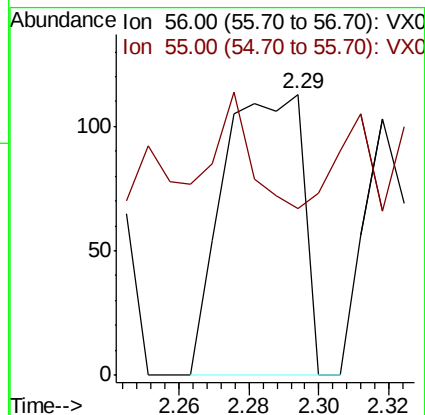
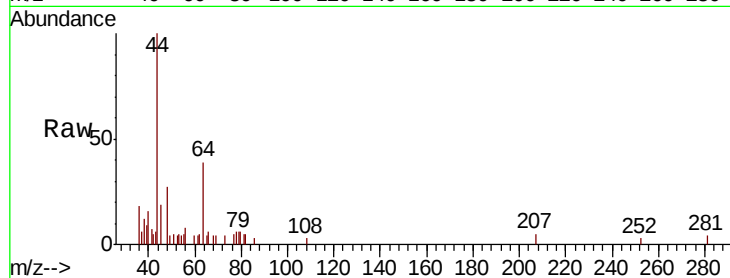
RE137-640FT-20181009

Tot Ion: 56 Resp: 178

Ion Ratio Lower Upper

56 100

55 29.2 63.4 95.2#



#16

Acetone

Concen: 1.793 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005273.D

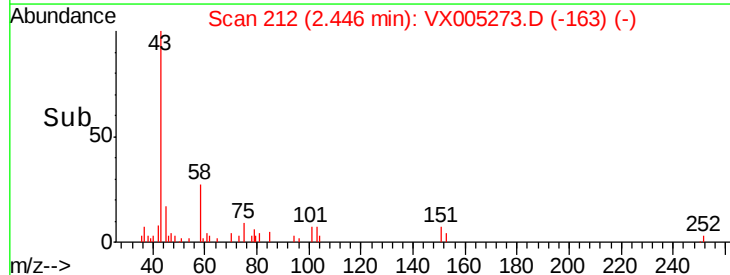
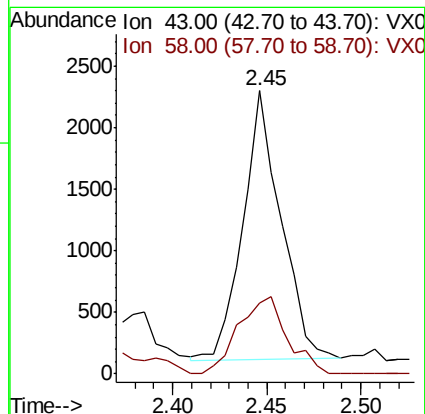
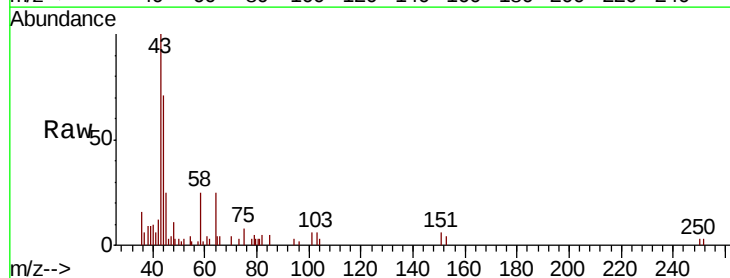
Acq: 12 Oct 2018 00:01

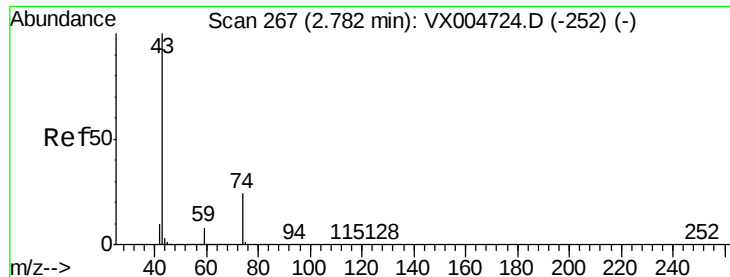
Tgt Ion: 43 Resp: 3048

Ion Ratio Lower Upper

43 100

58 26.7 21.8 32.6

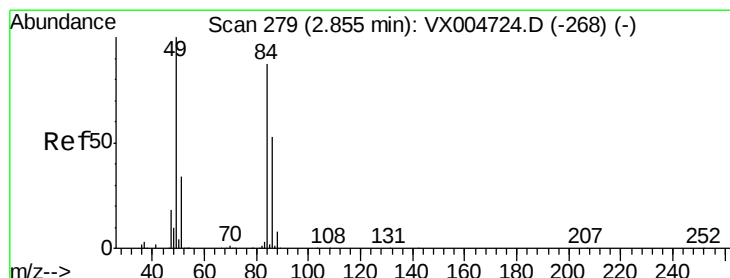
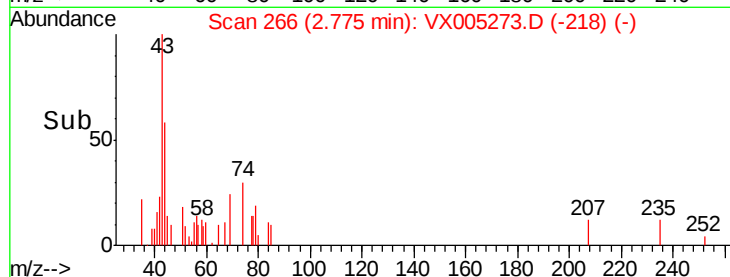
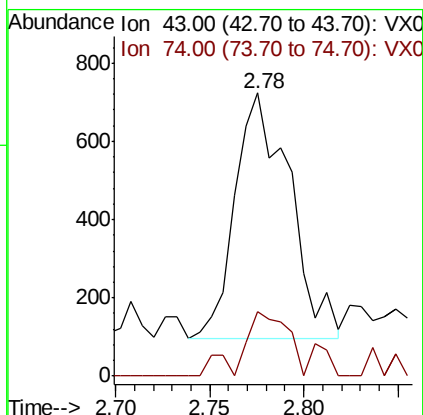
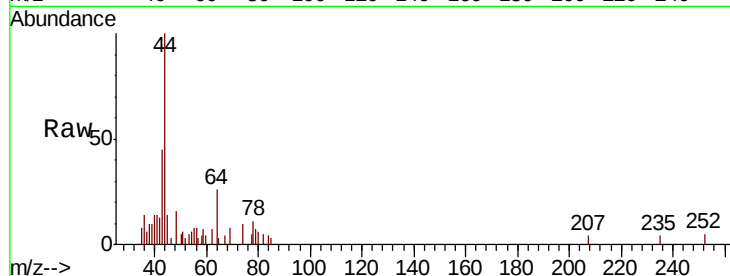




#18
Methyl Acetate
Concen: 0.293 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005273.D
Acq: 12 Oct 2018 00:01

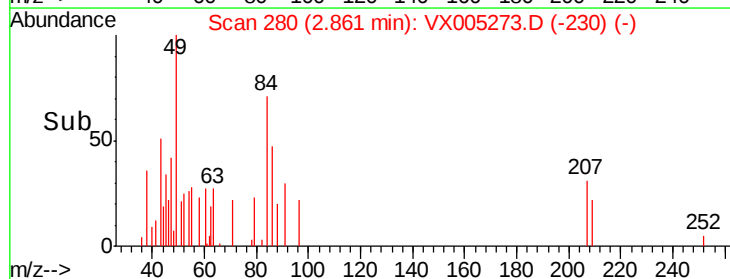
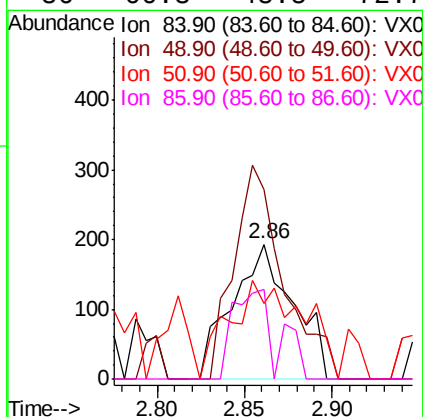
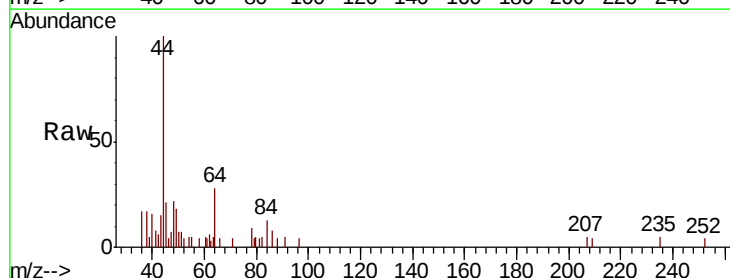
Instrument :
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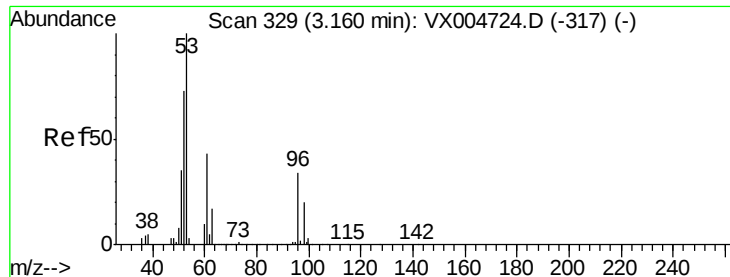
Tot Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005273.D
Acq: 12 Oct 2018 00:01

Tgt Ion: 84 Resp: 470
Ion Ratio Lower Upper
84 100
49 140.9 92.3 138.5#
51 56.5 31.8 47.6#
86 66.3 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 0.301 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

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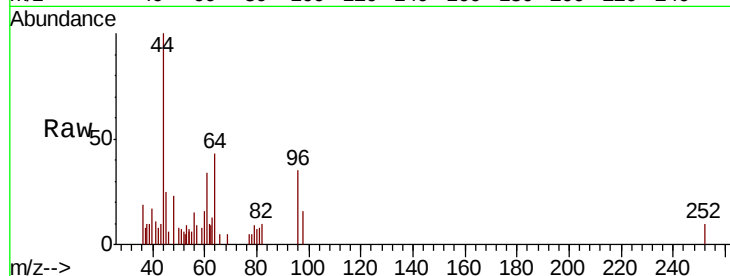
Tot Ion: 96 Resp: 728

Ion Ratio Lower Upper

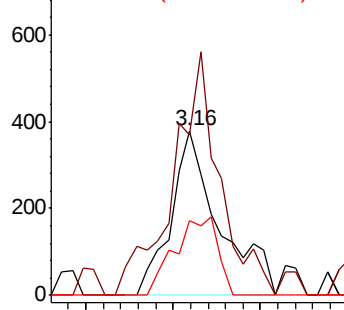
96 100

61 97.6 101.0 151.6#

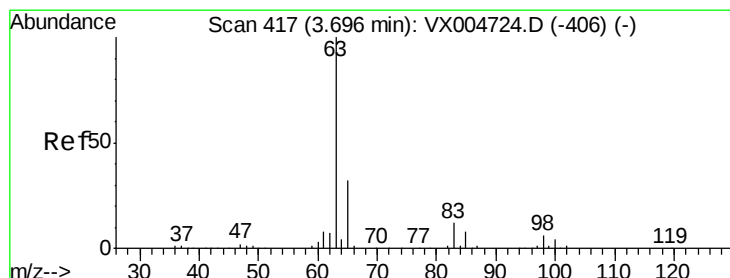
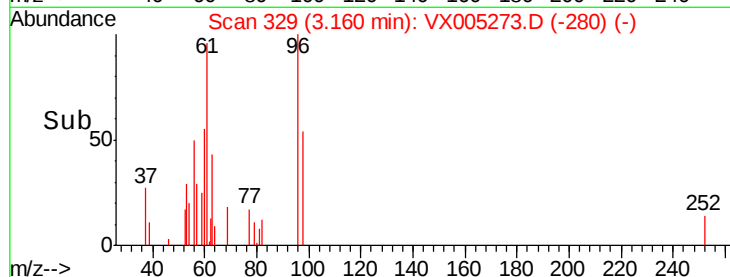
98 45.4 47.2 70.8#



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



Time-->



#24

1,1-Dichloroethane

Concen: 1.711 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

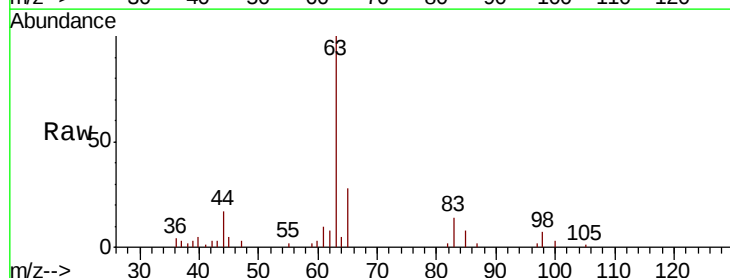
Tgt Ion: 63 Resp: 8283

Ion Ratio Lower Upper

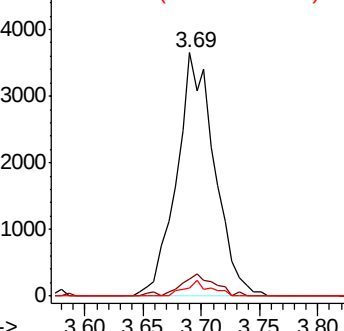
63 100

98 7.1 3.0 9.2

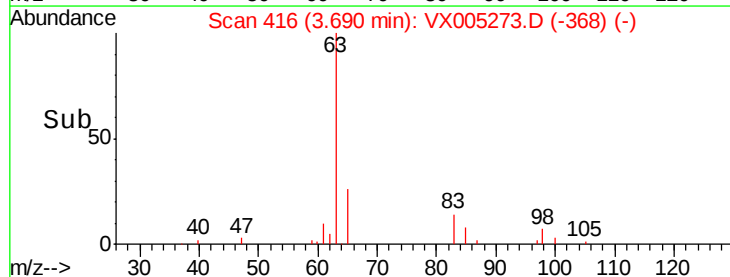
100 3.1 2.0 5.8

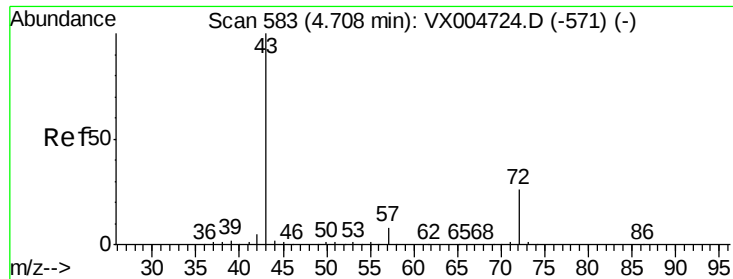


Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 0.216 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

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ClientSampleId :

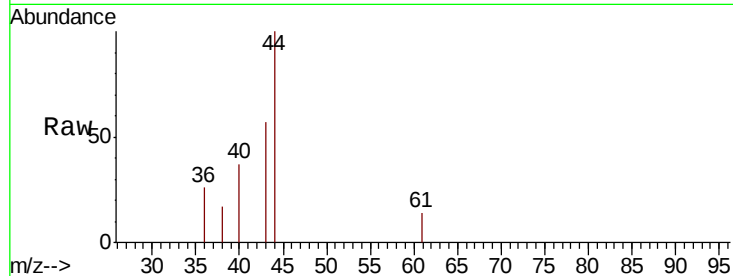
RE137-640FT-20181009

Tot Ion: 43 Resp: 542

Ion Ratio Lower Upper

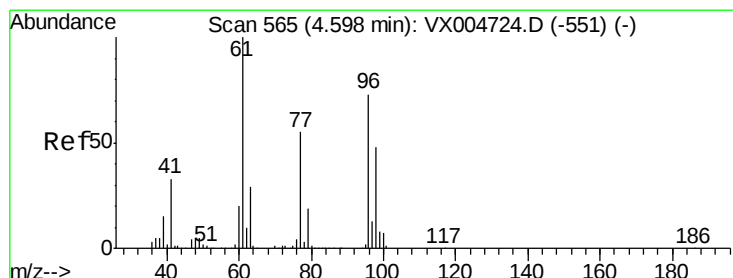
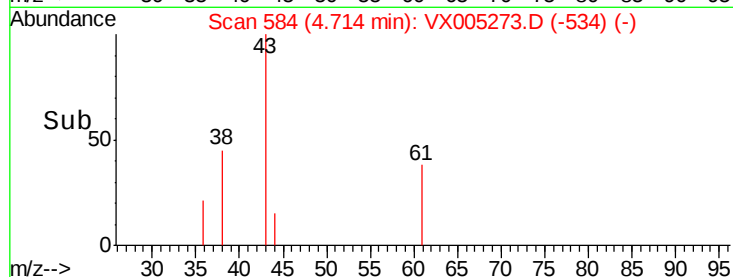
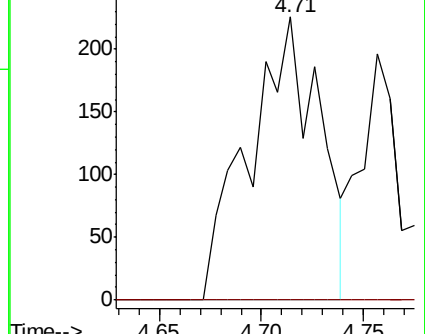
43 100

72 0.0 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 6.455 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

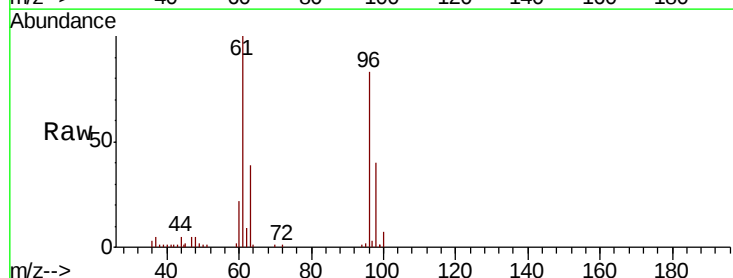
Tgt Ion: 96 Resp: 17435

Ion Ratio Lower Upper

96 100

61 132.6 0.0 285.8

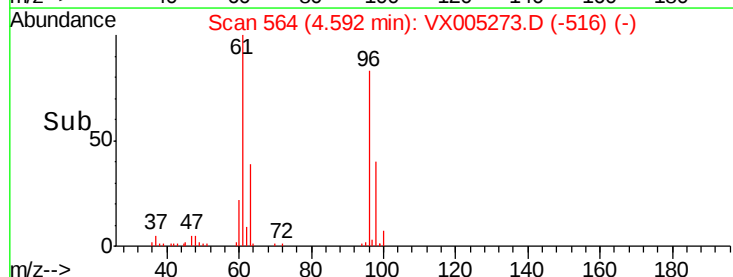
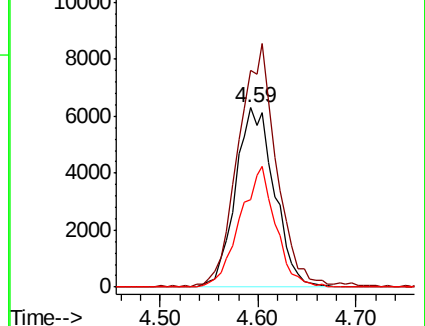
98 61.4 0.0 136.2

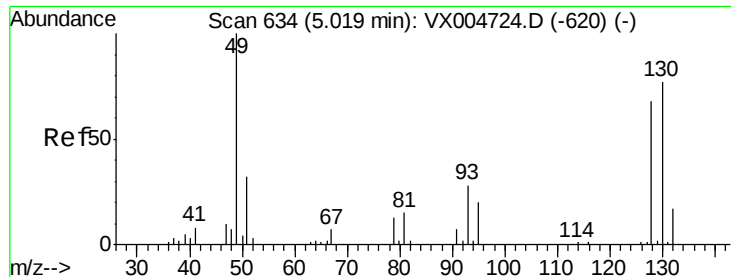


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: 0.510 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.20 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

RE137-640FT-20181009

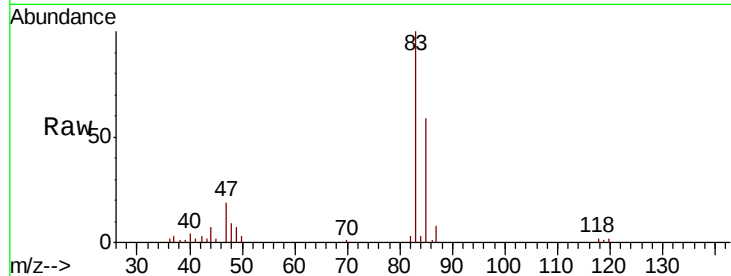
Tot Ion: 49 Resp: 1162

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

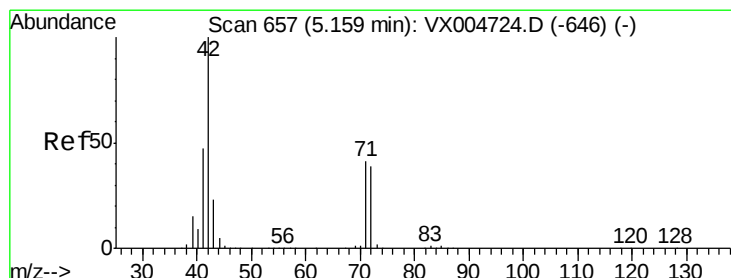
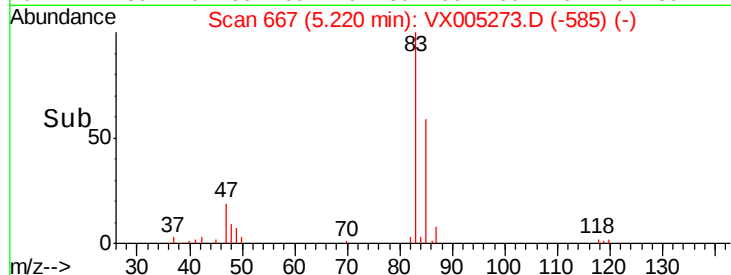
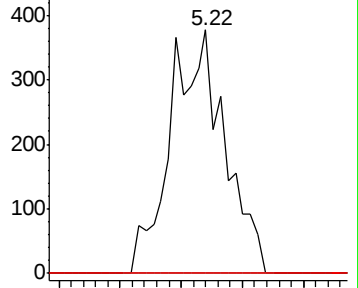
130 0.0 62.0 93.0#



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: 1.221 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

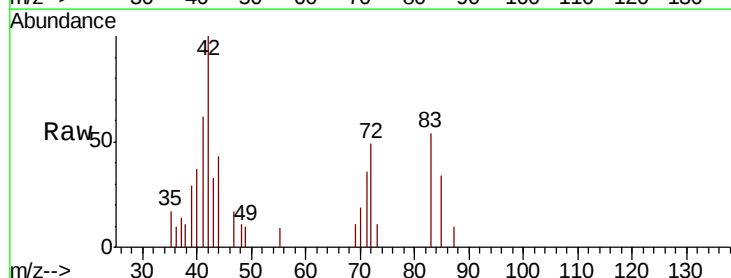
Tgt Ion: 42 Resp: 1901

Ion Ratio Lower Upper

42 100

72 17.0 33.7 50.5#

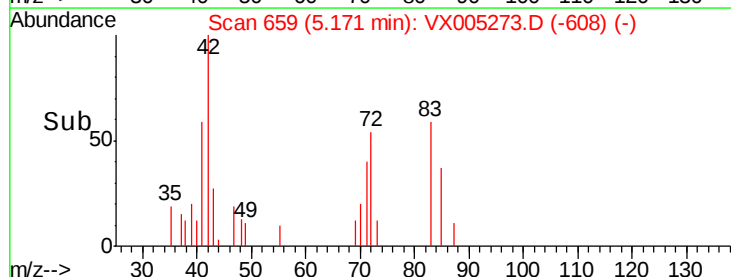
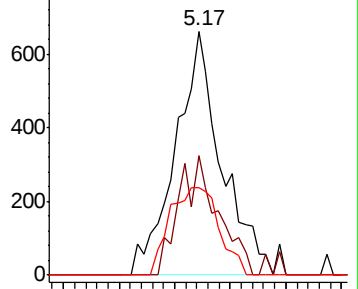
71 38.3 32.2 48.4

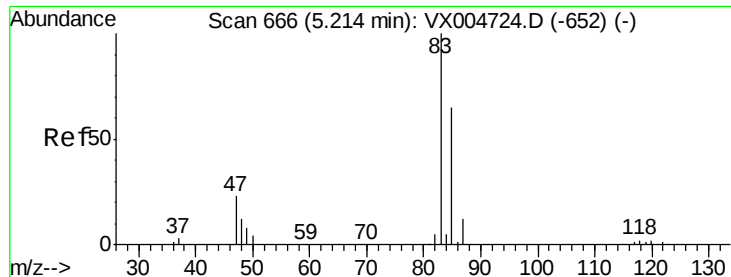


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

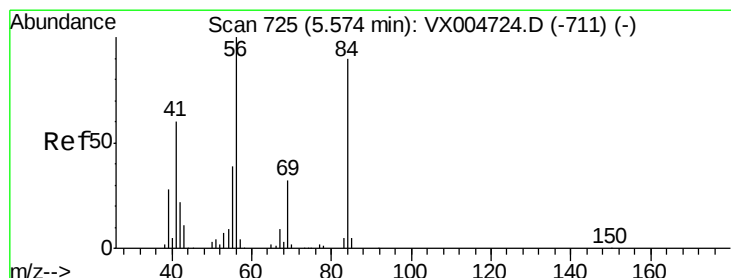
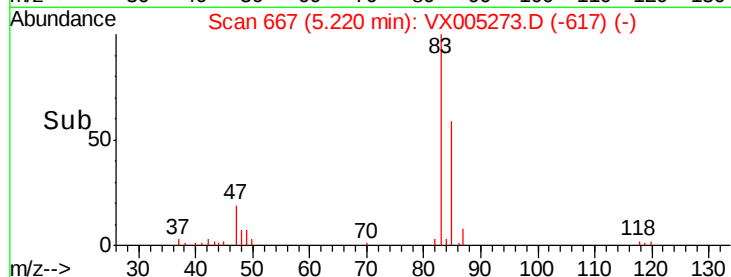
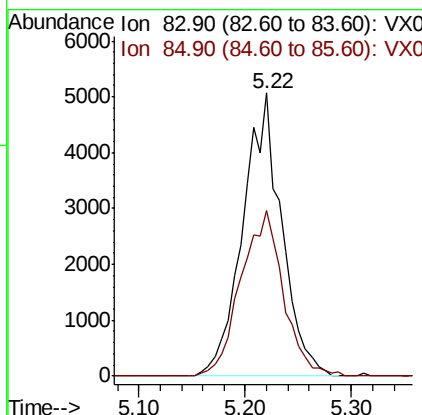
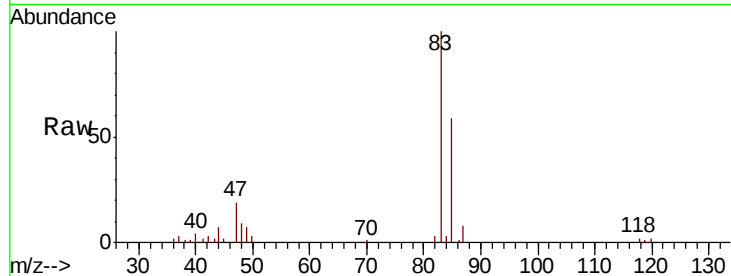




#30
Chloroform
Concen: 2.829 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005273.D
Acq: 12 Oct 2018 00:01

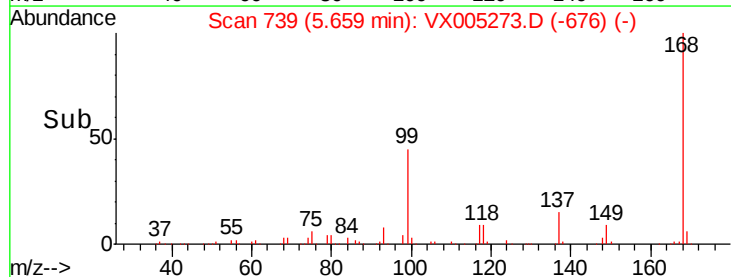
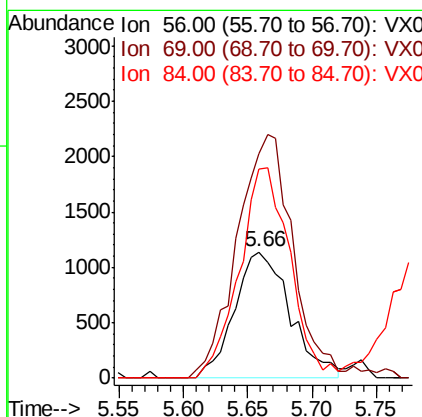
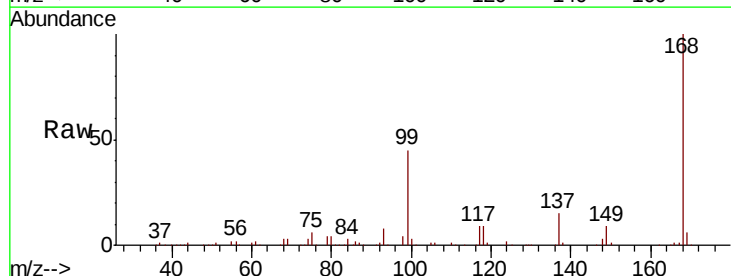
Instrument :
MSVOA_X
ClientSampleId :
RE137-640FT-20181009

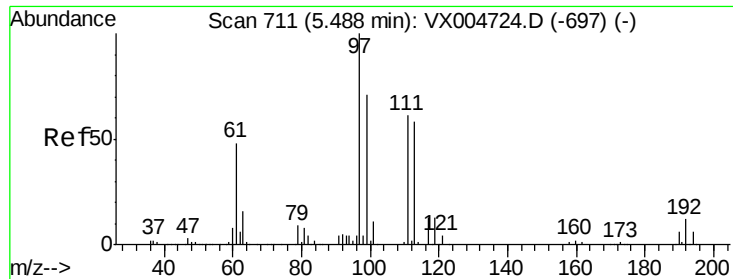
Tot Ion: 83 Resp: 12943
Ion Ratio Lower Upper
83 100
85 58.6 52.4 78.6



#31
Cyclohexane
Concen: 0.927 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005273.D
Acq: 12 Oct 2018 00:01

Tgt Ion: 56 Resp: 3435
Ion Ratio Lower Upper
56 100
69 178.3 25.9 38.9#
84 165.8 71.9 107.9#





#32

1,1,1-Trichloroethane

Concen: 0.633 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

RE137-640FT-20181009

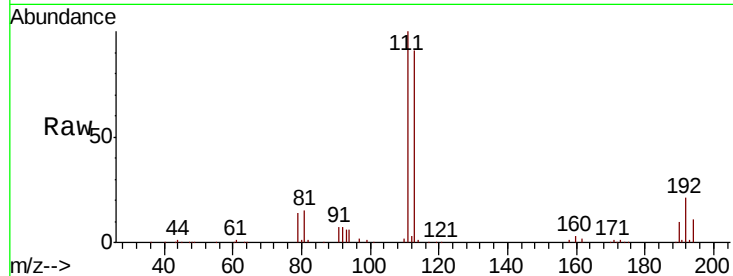
Tot Ion: 97 Resp: 2366

Ion Ratio Lower Upper

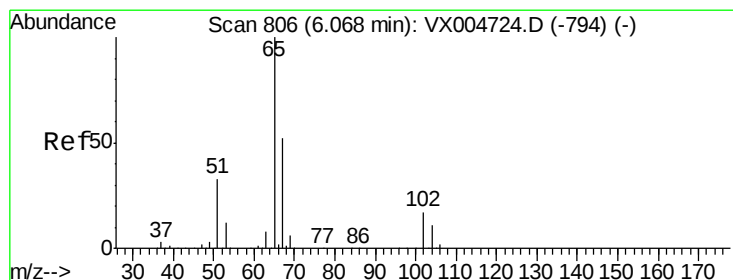
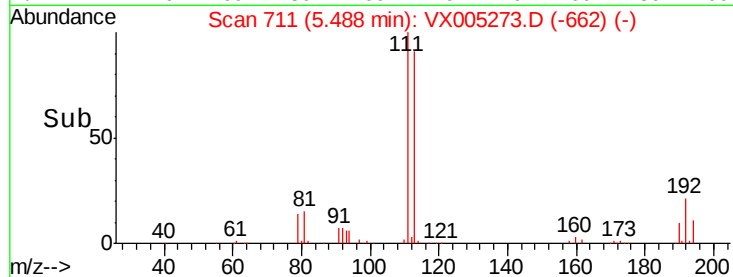
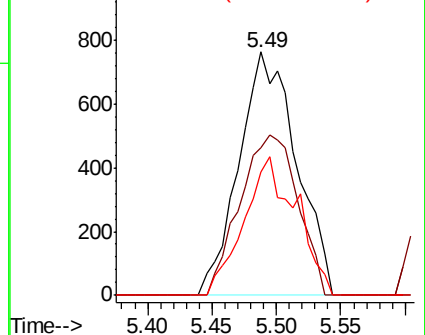
97 100

99 0.0 54.6 82.0#

61 51.9 37.5 56.3



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: 52.183 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005273.D

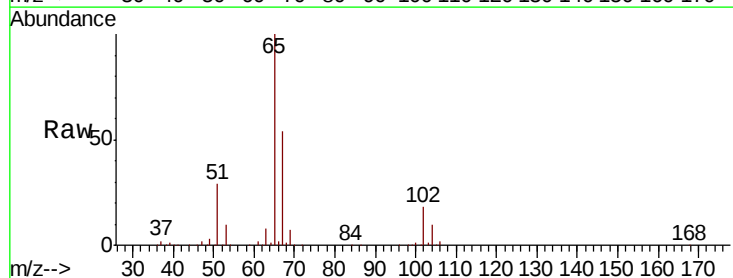
Acq: 12 Oct 2018 00:01

Tgt Ion: 65 Resp: 151949

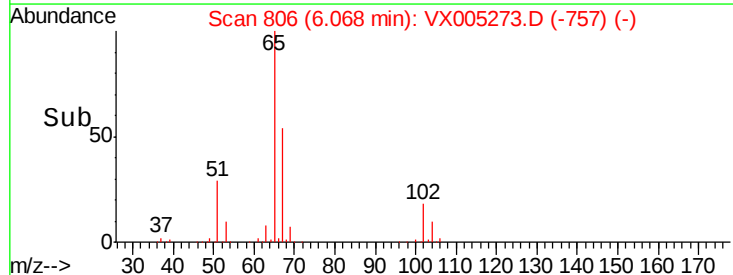
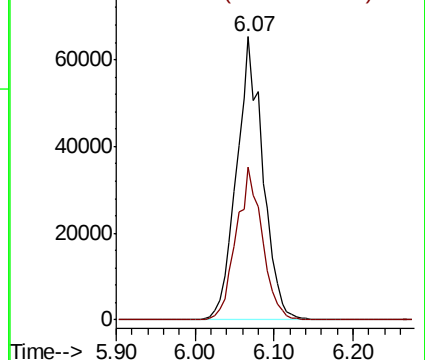
Ion Ratio Lower Upper

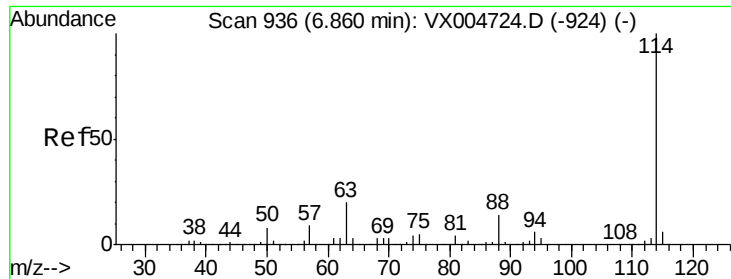
65 100

67 53.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

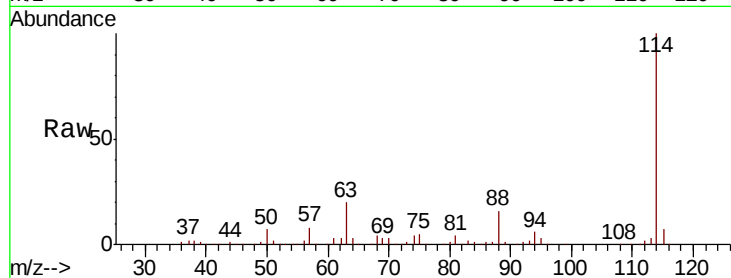




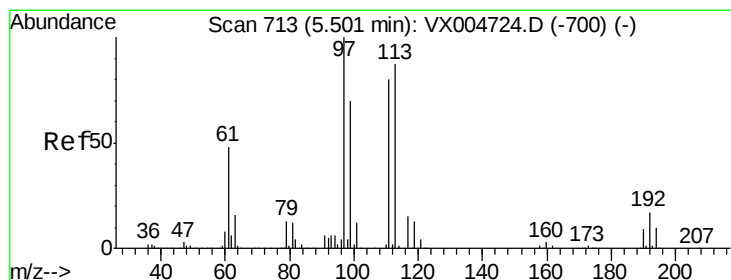
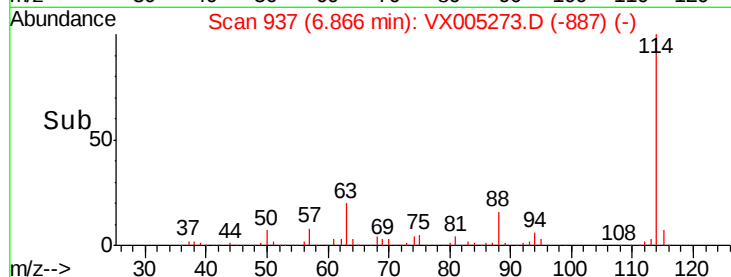
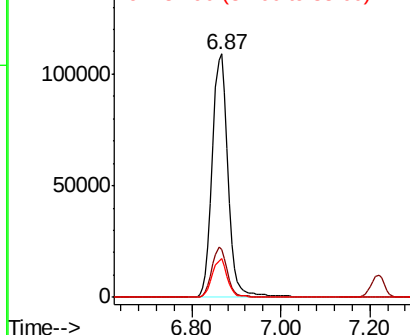
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005273.D
 Acq: 12 Oct 2018 00:01

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-640FT-20181009

Tot Ion:114 Resp: 268747
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 16.0 0.0 27.0

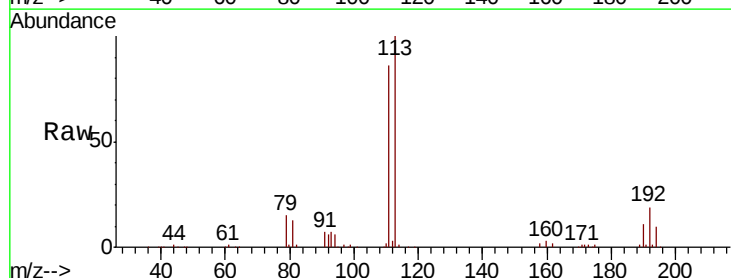


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

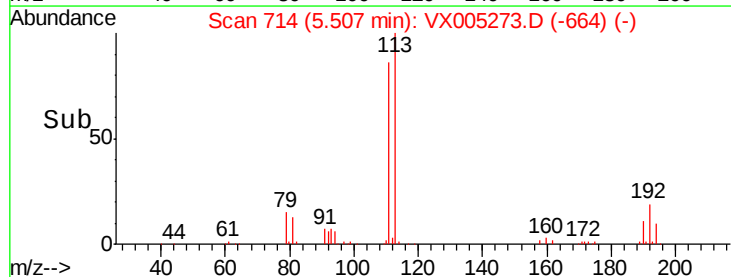
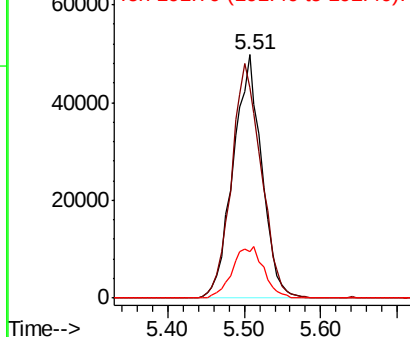


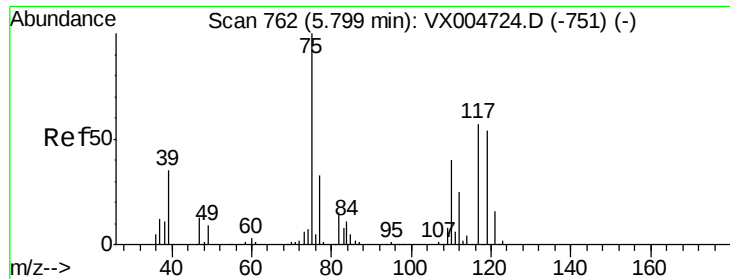
#35
 Dibromofluoromethane
 Concen: 56.672 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005273.D
 Acq: 12 Oct 2018 00:01

Tgt Ion:113 Resp: 129079
 Ion Ratio Lower Upper
 113 100
 111 100.1 77.0 115.4
 192 23.1 17.0 25.6



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

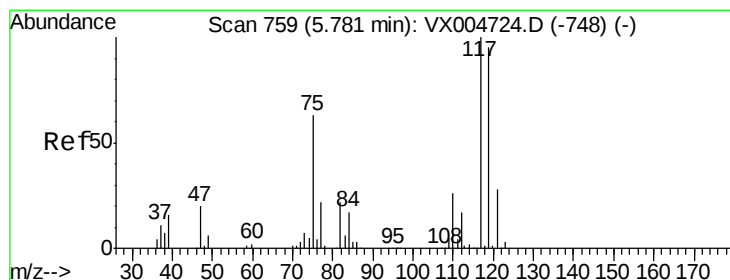
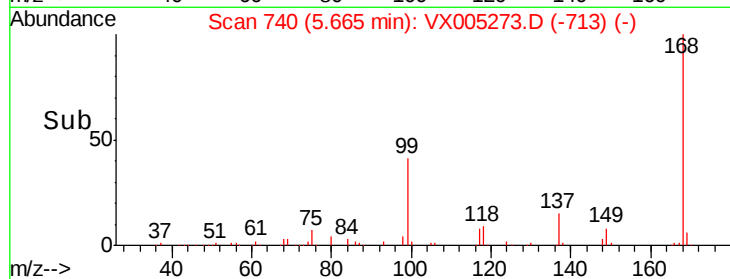
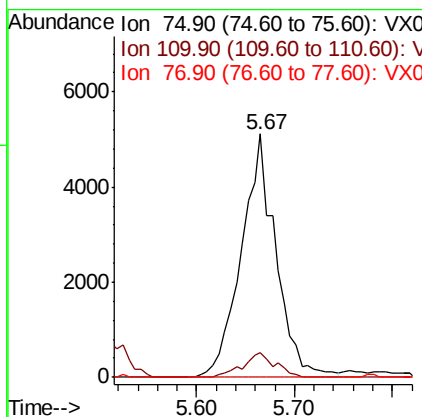
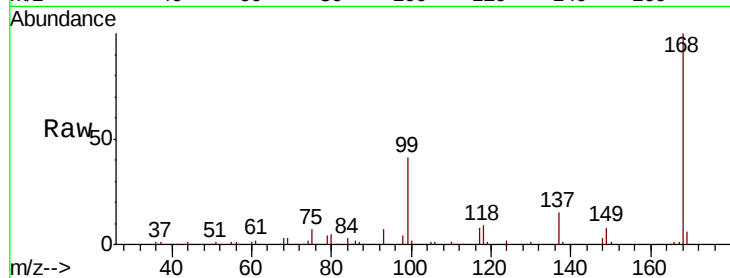




#36
 1,1-Dichloropropene
 Concen: 4.034 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005273.D
 Acq: 12 Oct 2018 00:01

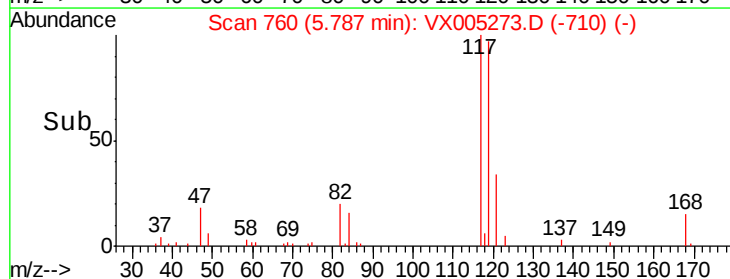
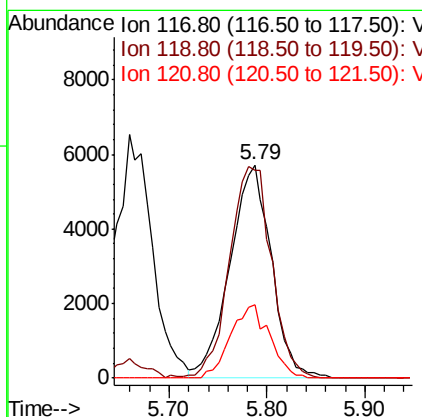
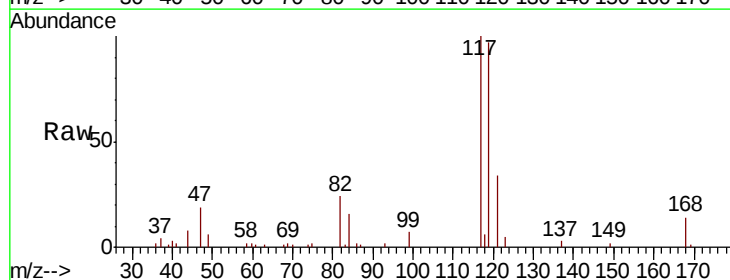
Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-640FT-20181009

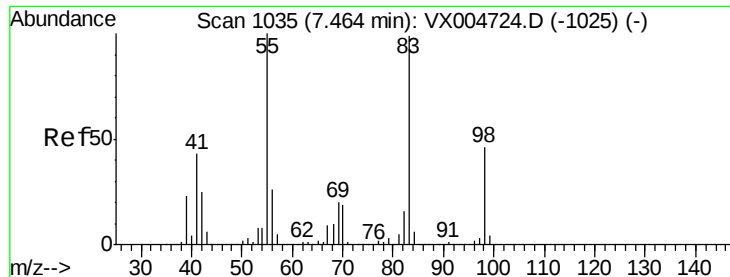
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.7	20.0	59.9#
77	0.0	27.1	40.7#



#38
 Carbon Tetrachloride
 Concen: 5.150 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: VX005273.D
 Acq: 12 Oct 2018 00:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.2	112.8
121	34.2	22.5	33.7#

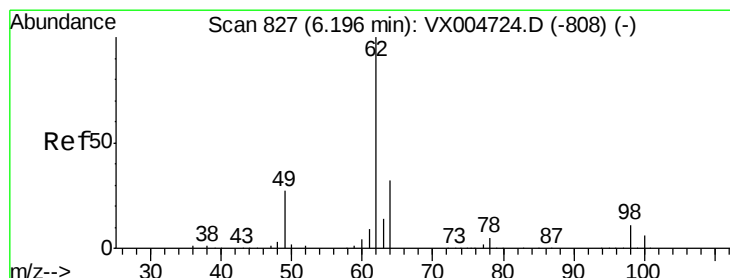
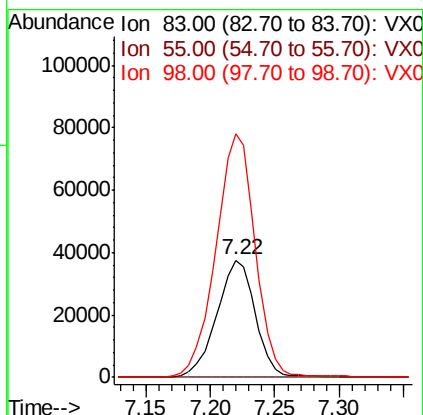
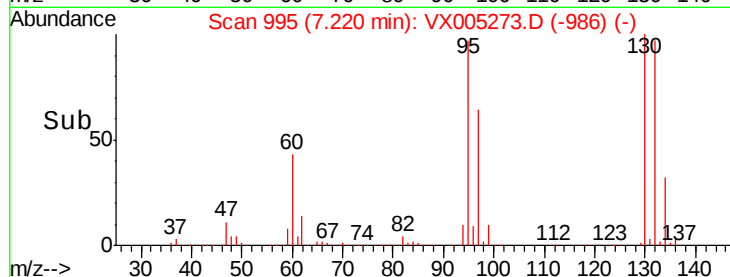
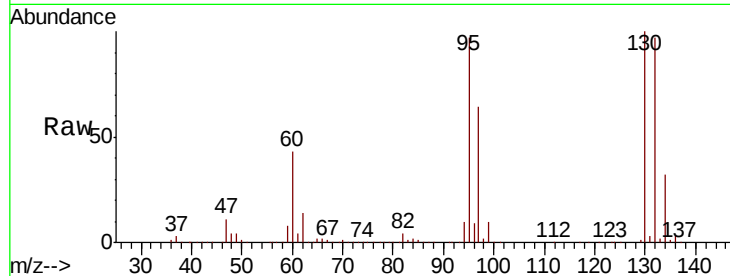




#39
Methvlcvclohexane
Concen: 24.225 ug/l
RT: 7.22 min Scan# 995
Delta R.T. -0.24 min
Lab File: VX005273.D
Acq: 12 Oct 2018 00:01

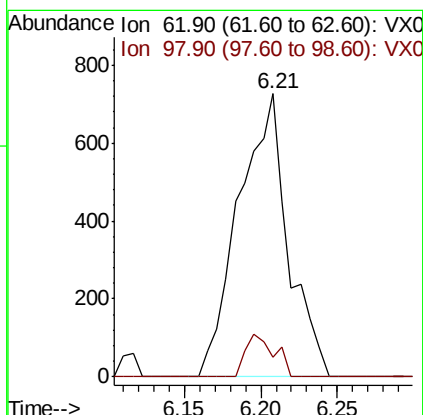
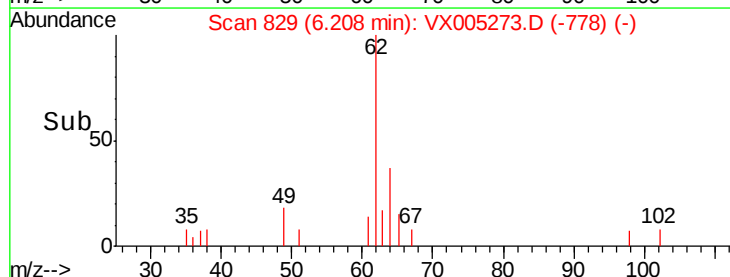
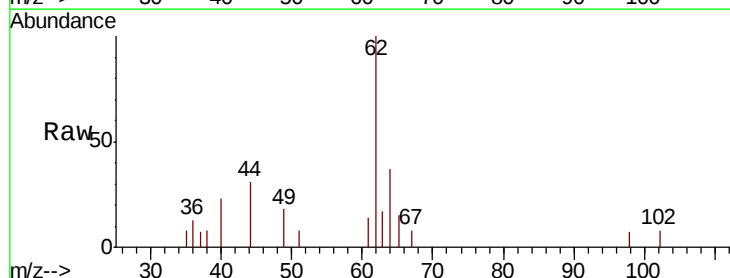
Instrument :
MSVOA_X
ClientSampleId :
RE137-640FT-20181009

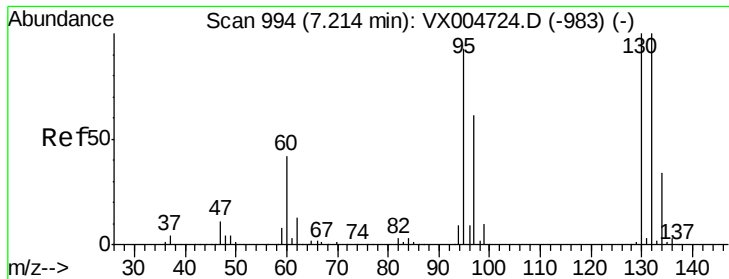
Tot Ion: 83 Resp: 76870
Ion Ratio Lower Upper
83 100
55 0.1 81.1 121.7#
98 207.8 37.3 55.9#



#42
1,2-Dichloroethane
Concen: 0.473 ug/l
RT: 6.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: VX005273.D
Acq: 12 Oct 2018 00:01

Tgt Ion: 62 Resp: 1627
Ion Ratio Lower Upper
62 100
98 8.8 0.0 20.2





#44

Trichloroethene

Concen: 2836.041 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

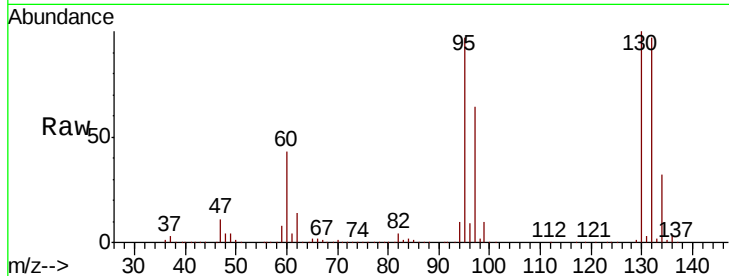
RE137-640FT-20181009

Tot Ion:130 Resp: 6782847

Ion Ratio Lower Upper

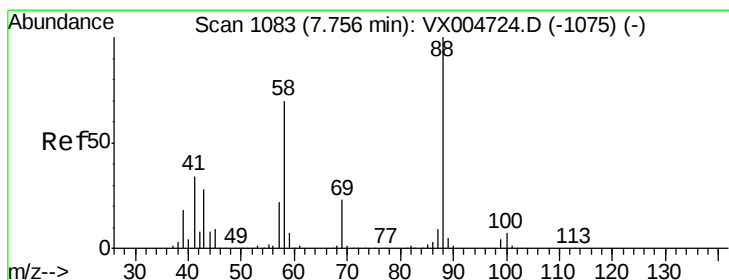
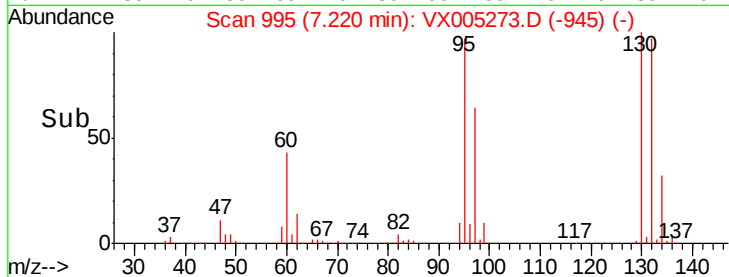
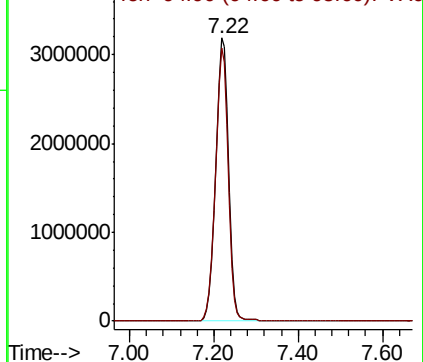
130 100

95 96.7 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 18.231 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

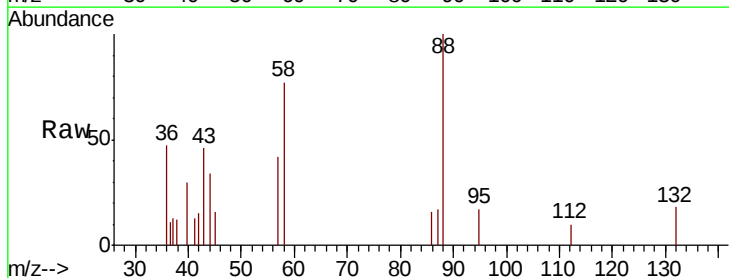
Tgt Ion: 88 Resp: 1224

Ion Ratio Lower Upper

88 100

43 46.3 25.1 37.7#

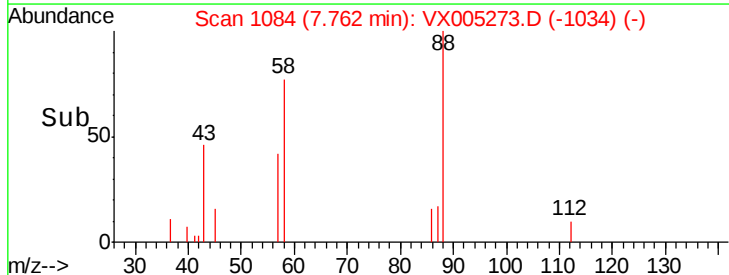
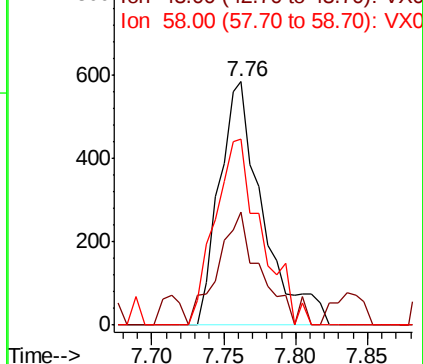
58 81.8 56.2 84.2

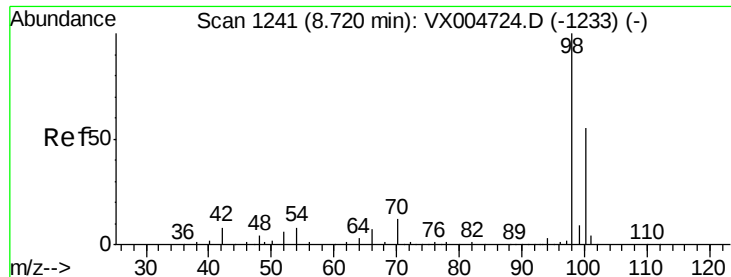


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 52.105 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

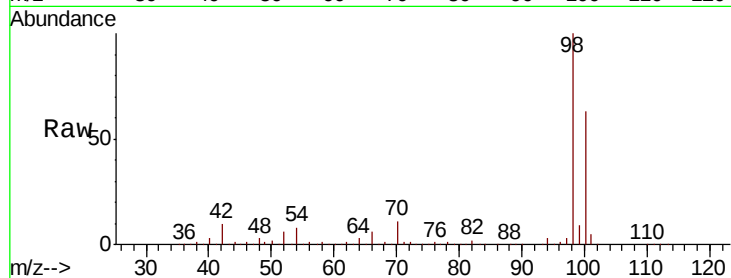
RE137-640FT-20181009

Tot Ion: 98 Resp: 394543

Ion Ratio Lower Upper

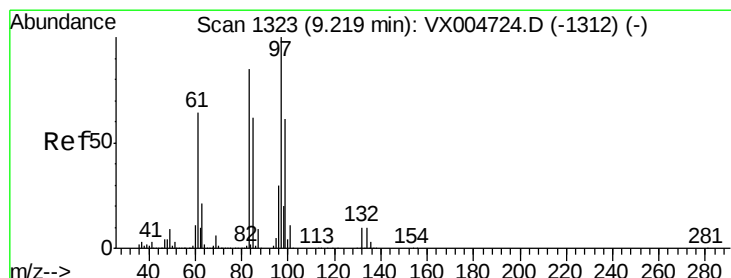
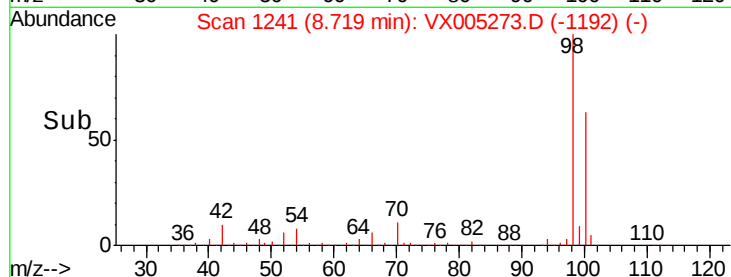
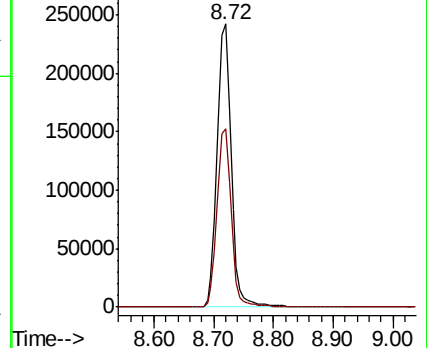
98 100

100 63.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.794 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Tgt Ion: 97 Resp: 4202

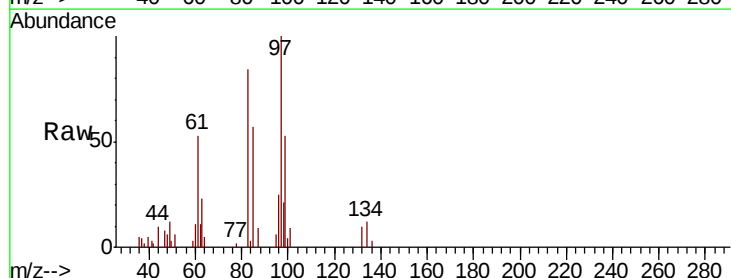
Ion Ratio Lower Upper

97 100

83 83.6 68.2 102.2

85 57.0 49.9 74.9

99 53.5 48.9 73.3

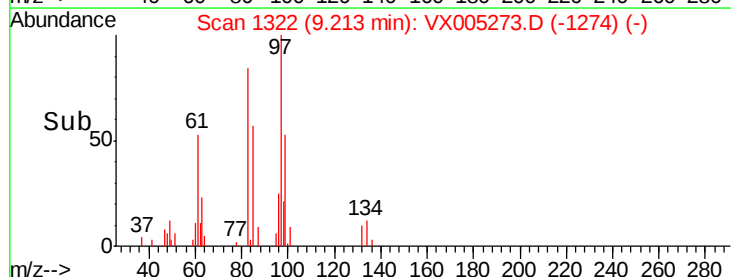
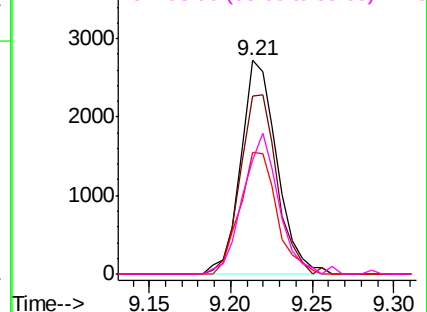


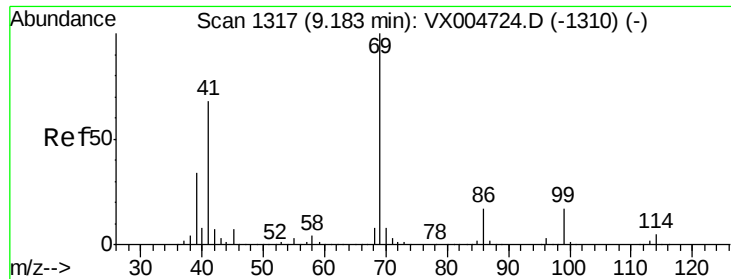
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 2.868 ug/l

RT: 9.41 min Scan# 1355

Delta R.T. 0.23 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

RE137-640FT-20181009

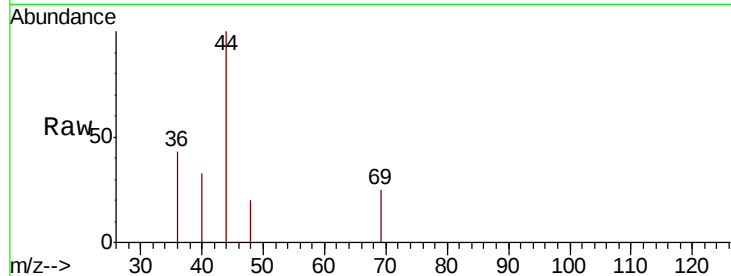
Tot Ion: 69 Resp: 23

Ion Ratio Lower Upper

69 100

41 165.2 56.9 85.3#

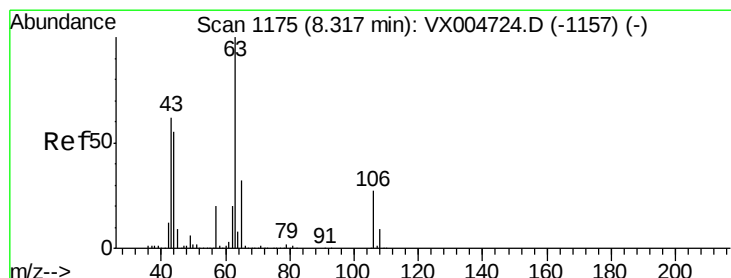
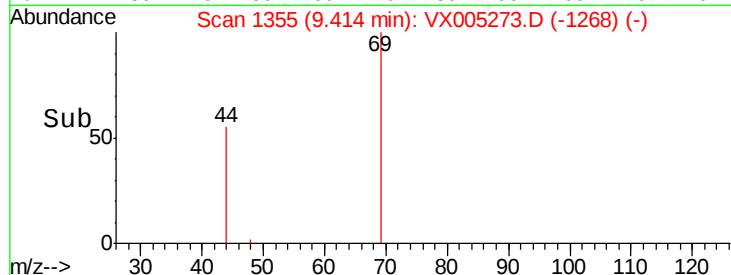
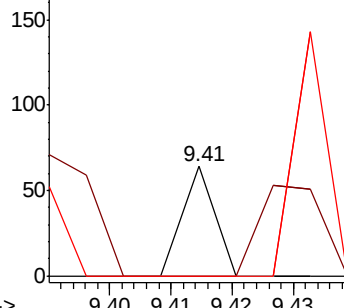
39 343.5 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.252 ug/l

RT: 8.38 min Scan# 1185

Delta R.T. 0.06 min

Lab File: VX005273.D

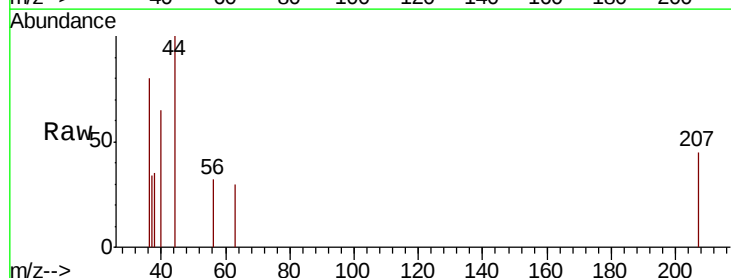
Acq: 12 Oct 2018 00:01

Tgt Ion: 63 Resp: 22

Ion Ratio Lower Upper

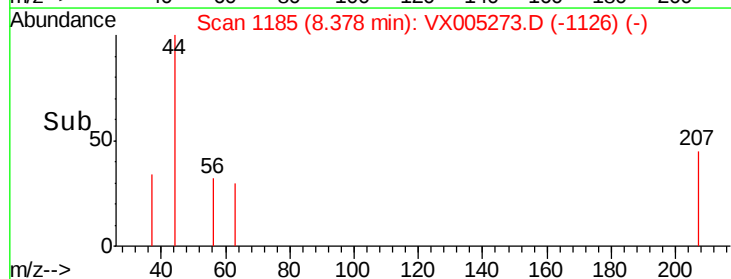
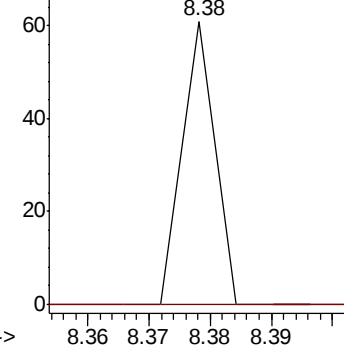
63 100

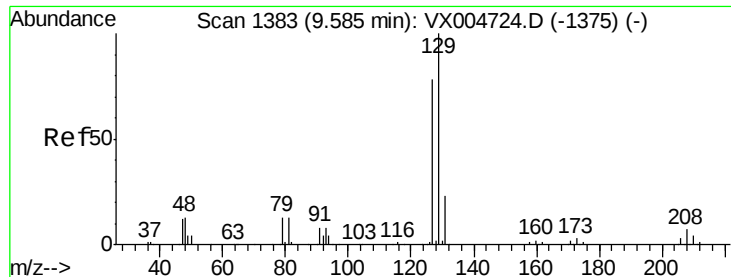
106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#60

Dibromochloromethane

Concen: 2.335 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

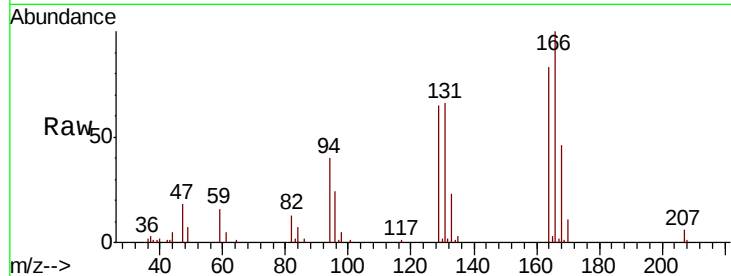
RE137-640FT-20181009

Tot Ion:129 Resp: 5469

Ion Ratio Lower Upper

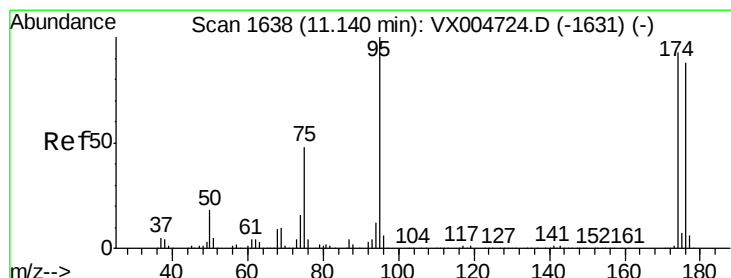
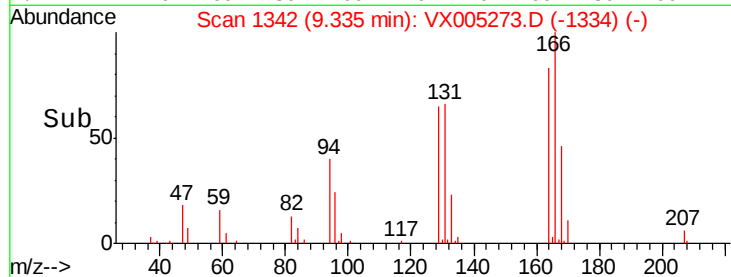
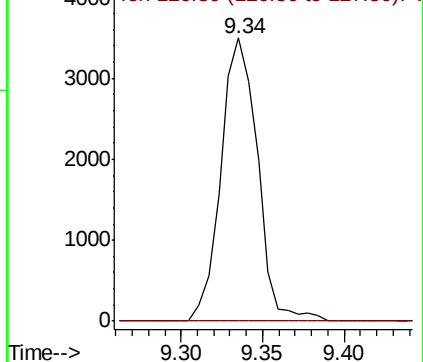
129 100

127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 52.559 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

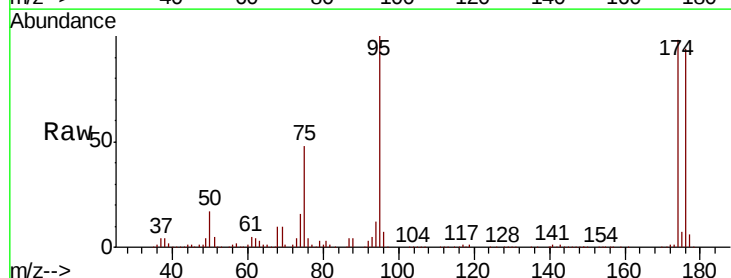
Tgt Ion: 95 Resp: 143376

Ion Ratio Lower Upper

95 100

174 96.7 0.0 185.0

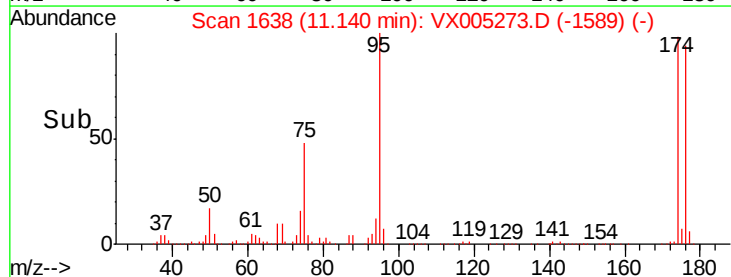
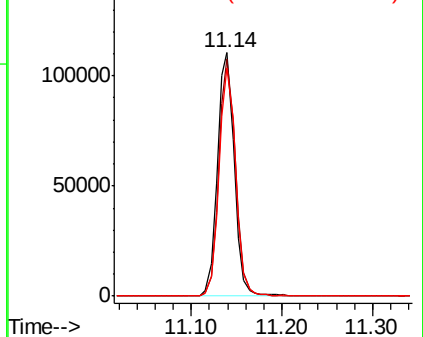
176 92.8 0.0 180.2

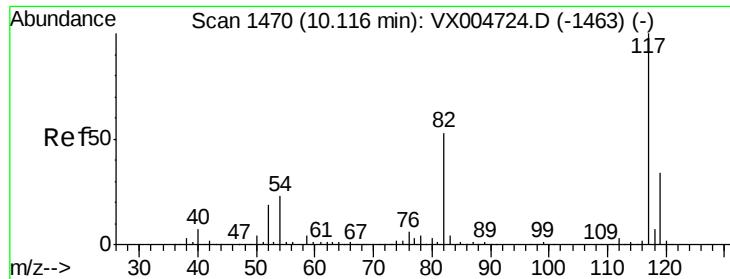


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

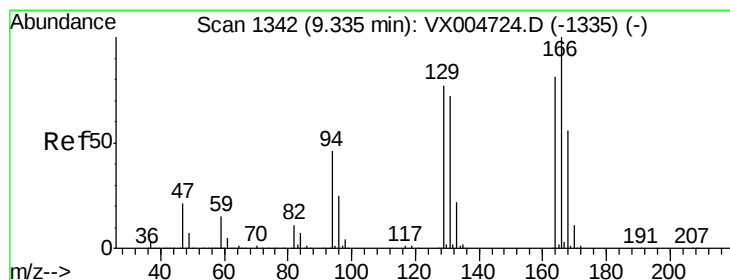
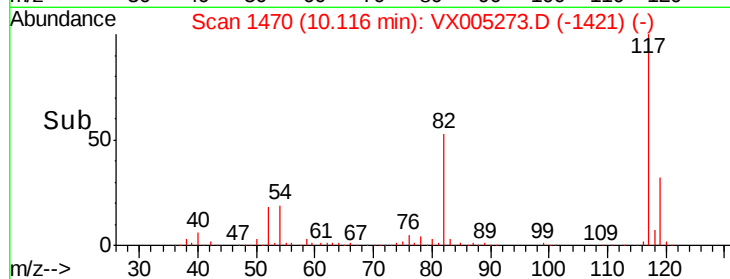
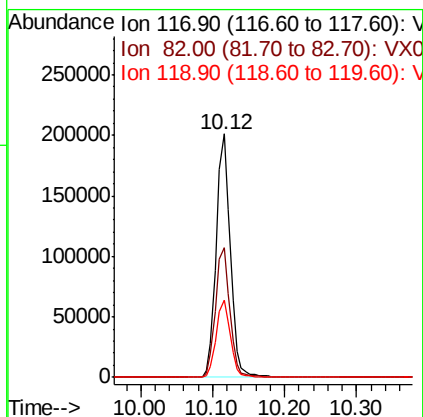
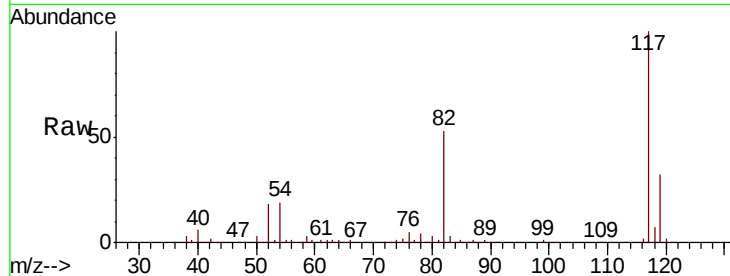




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005273.D
Acq: 12 Oct 2018 00:01

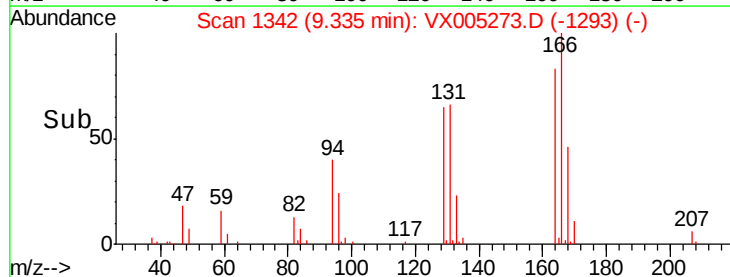
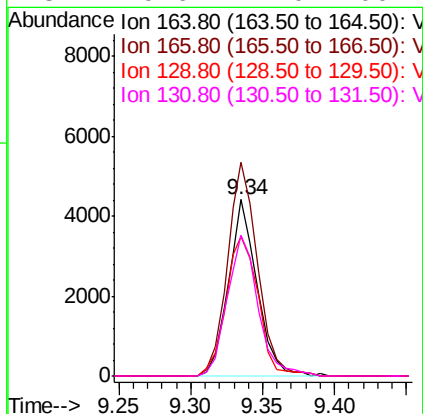
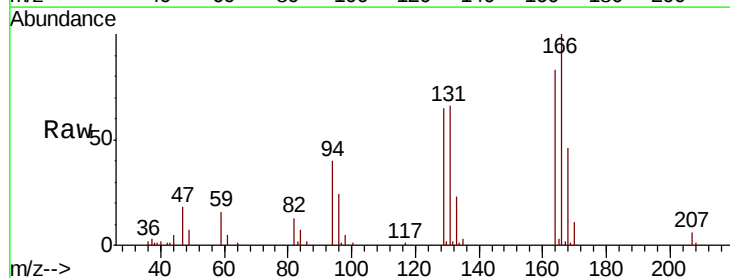
Instrument :
MSVOA_X
ClientSampleId :
RE137-640FT-20181009

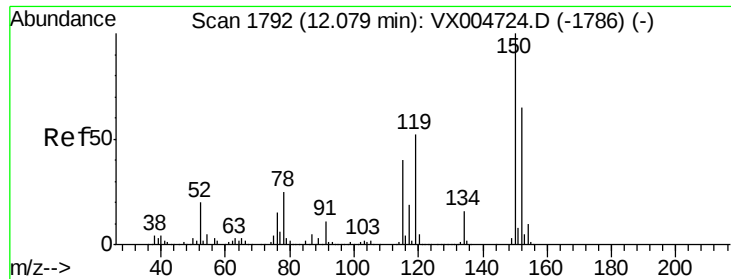
Tot Ion:117 Resp: 272468
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.4
119 31.5 27.4 41.0



#64
Tetrachloroethene
Concen: 2.299 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005273.D
Acq: 12 Oct 2018 00:01

Tgt Ion:164 Resp: 6165
Ion Ratio Lower Upper
164 100
166 120.9 98.4 147.6
129 79.1 76.1 114.1
131 79.6 71.0 106.4



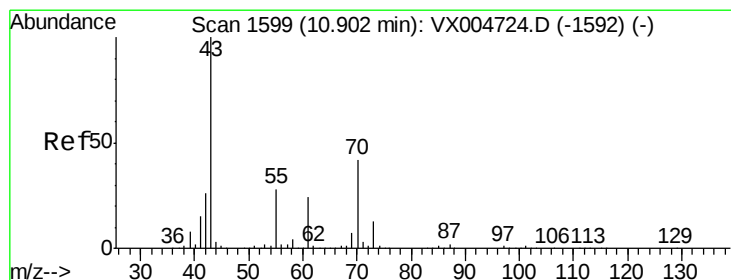
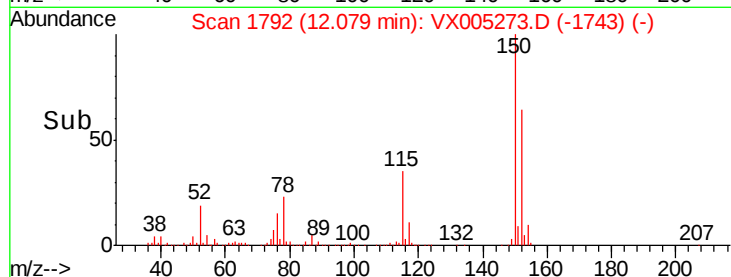
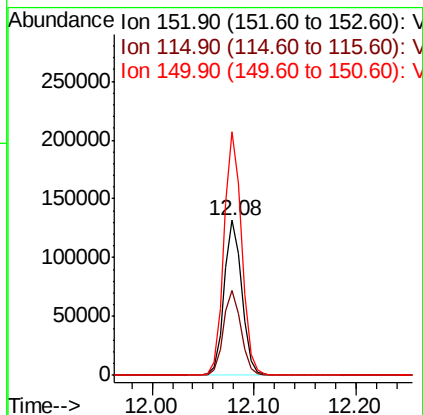
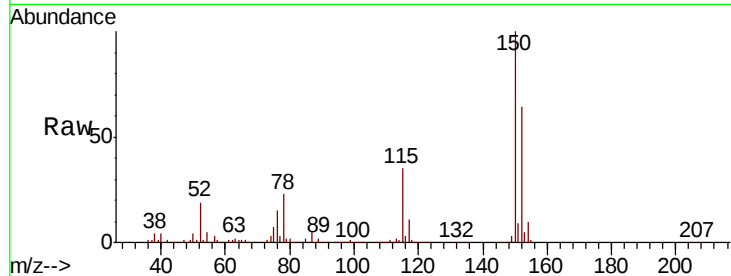


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005273.D
Acq: 12 Oct 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
RE137-640FT-20181009

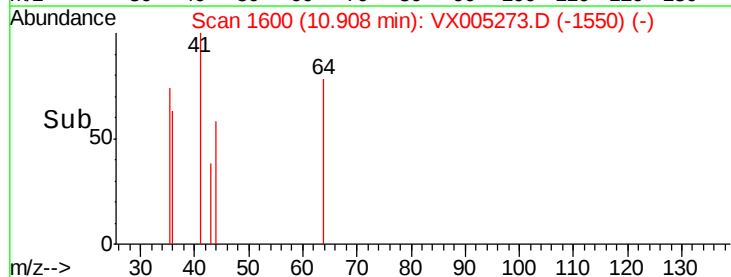
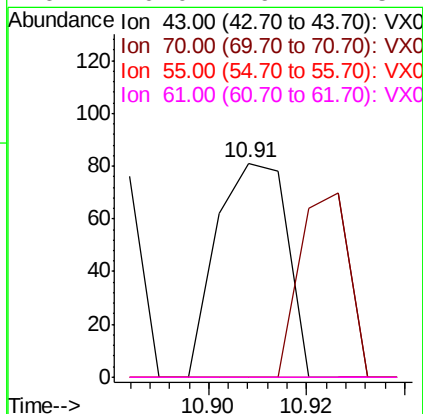
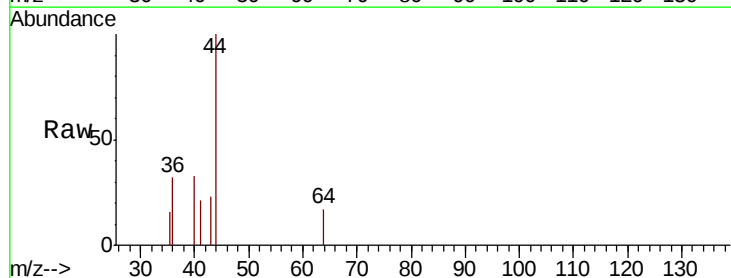
Tot Ion:152 Resp: 158196
Ion Ratio Lower Upper
152 100
115 54.9 40.2 120.6
150 157.7 0.0 351.0

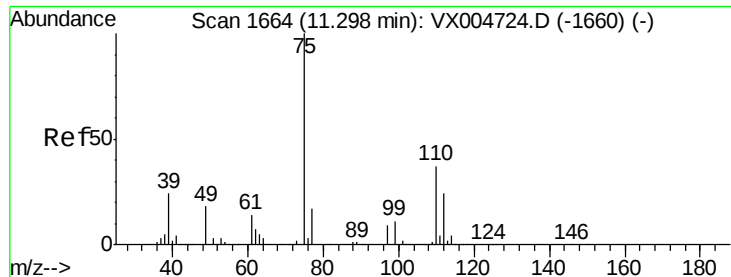


#74

N-ethyl acetate
Concen: 1.762 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX005273.D
Acq: 12 Oct 2018 00:01

Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
70 60.5 32.6 48.8#
55 0.0 21.6 32.4#
61 0.0 19.1 28.7#





#76

1,2,3-Trichloropropane

Concen: 20.065 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

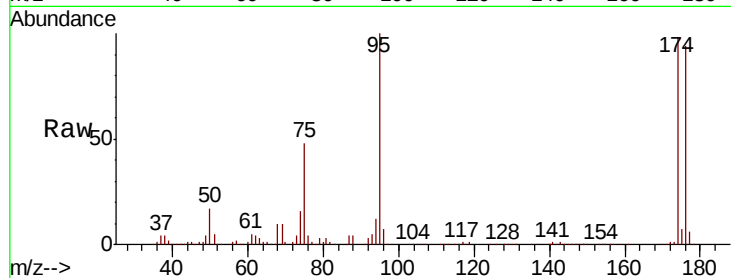
RE137-640FT-20181009

Tot Ion: 75 Resp: 71146

Ion Ratio Lower Upper

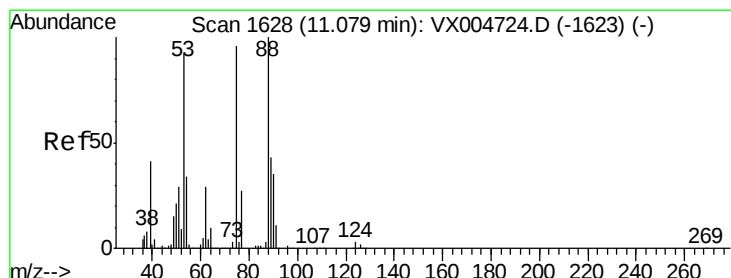
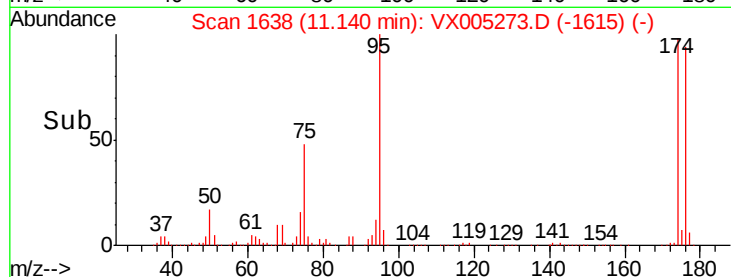
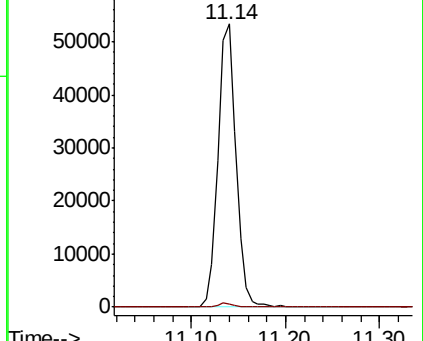
75 100

77 1.3 21.4 64.3#



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: 54.537 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

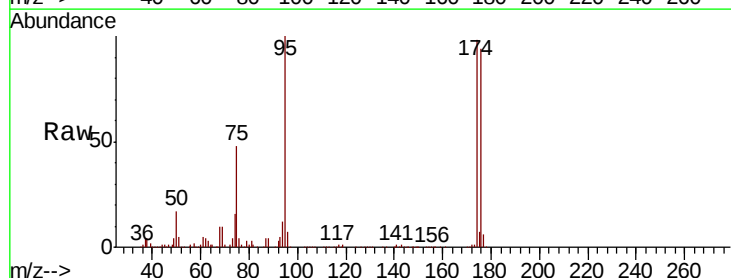
Tgt Ion: 75 Resp: 71146

Ion Ratio Lower Upper

75 100

53 0.3 80.2 120.4#

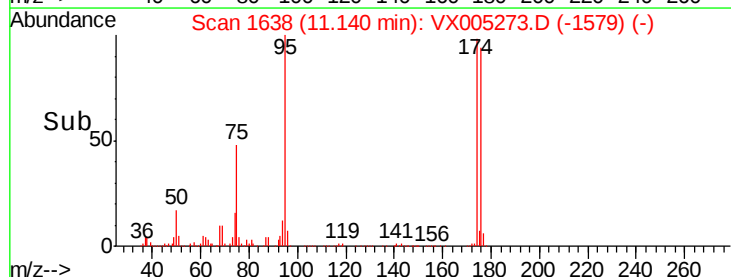
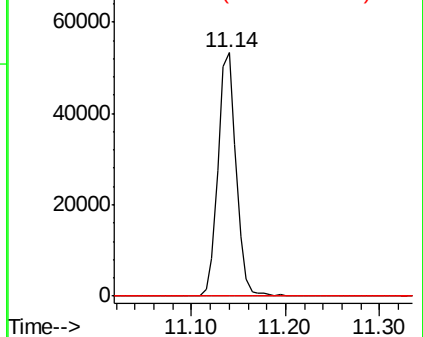
89 0.0 37.1 55.7#

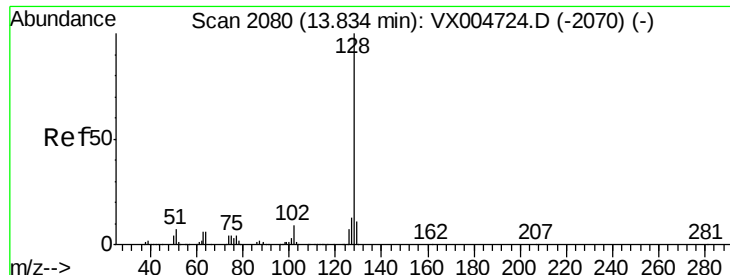


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#95

Naphthalene

Concen: 0.739 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005273.D

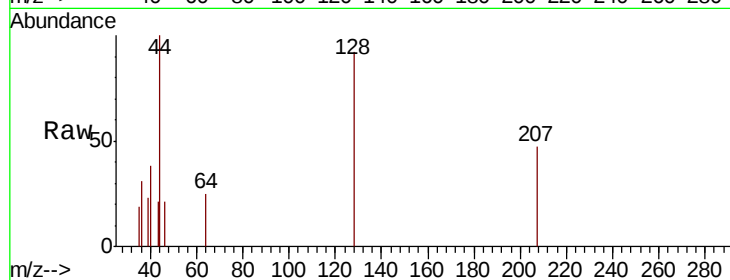
Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

RE137-640FT-20181009



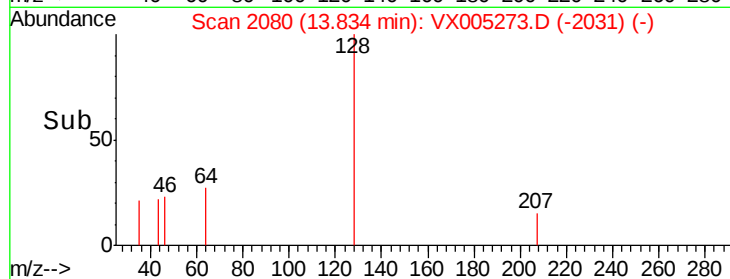
Tot Ion:128 Resp: 258

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83

250

200

150

100

50

0

13.80 13.85

Time-->