

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101118\
 Data File : VX005271.D
 Acq On : 11 Oct 2018 23:07
 Operator : JC/MD
 Sample : J5393-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-137-745FT-2018109

Quant Time: Oct 12 07:12:54 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	5.66	168	179513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	258395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	259060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146641	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	146918	57.29	ug/l	0.00
Spiked Amount			Recovery	=	114.58%	
35) Dibromofluoromethane	5.51	113	123765	56.52	ug/l	0.00
Spiked Amount			Recovery	=	113.04%	
50) Toluene-d8	8.72	98	376121	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.14	95	134461	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	1265	0.517	ug/l	82
5) Bromomethane	1.64	94	445	0.269	ug/l #	65
6) Chloroethane	1.70	64	1336	Below Cal	#	61
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107266	54.614	ug/l	98
11) Tert butyl alcohol	3.03	59	1113	1.552	ug/l #	83
12) 1,1-Dichloroethene	2.38	96	31937	16.419	ug/l #	82
13) Acrolein	2.30	56	176	0.345	ug/l #	58
16) Acetone	2.45	43	330	0.220	ug/l #	84
20) Methylene Chloride	2.85	84	388	Below Cal	#	65
21) trans-1,2-Dichloroethene	3.15	96	562	0.264	ug/l	95
24) 1,1-Dichloroethane	3.70	63	11769	2.761	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	18441	7.753	ug/l	97
28) Bromochloromethane	5.21	49	1050	0.523	ug/l #	13
29) Tetrahydrofuran	5.17	42	2272	1.656	ug/l	95
30) Chloroform	5.21	83	12599	3.127	ug/l	92
31) Cyclohexane	5.67	56	3493	1.071	ug/l #	13
32) 1,1,1-Trichloroethane	5.49	97	3107	0.944	ug/l #	48
36) 1,1-Dichloropropene	5.66	75	11991	4.013	ug/l #	46
38) Carbon Tetrachloride	5.79	117	18346	5.841	ug/l	90
39) Methylcyclohexane	7.23	83	125469	41.124	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	1814	0.549	ug/l	93
44) Trichloroethene	7.23	130	10568117	4595.763	ug/l	96
47) Bromodichloromethane	7.91	83	762	0.282	ug/l #	89
49) 1,4-Dioxane	7.76	88	1402	21.719	ug/l #	88
55) 1,1,2-Trichloroethane	9.22	97	5220	2.318	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.54	63	40	14.262	ug/l #	49
60) Dibromochloromethane	9.34	129	8378	3.721	ug/l #	10
64) Tetrachloroethene	9.34	164	9340	3.663	ug/l	94
70) Styrene	10.71	104	75	2.151	ug/l #	48
74) N-amyl acetate	10.90	43	107	1.768	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	66839	20.336	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	46	Below Cal	#	29
81) trans-1,4-Dichloro-2-buten	11.14	75	66839	55.246	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	92	Below Cal	#	62

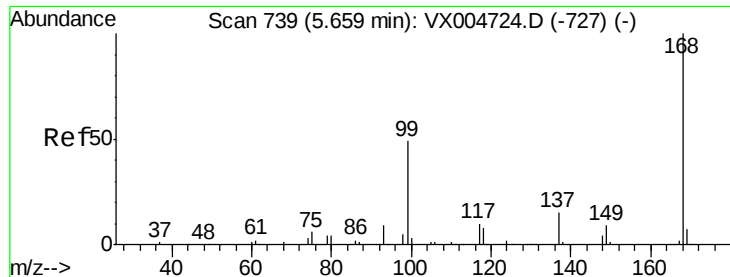
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101118\
Data File : VX005271.D
Acq On : 11 Oct 2018 23:07
Operator : JC/MD
Sample : J5393-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-137-745FT-2018109

Quant Time: Oct 12 07:12:54 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)
95) Naphthalene	13.83	128	246	0.739	ug/l #	69

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

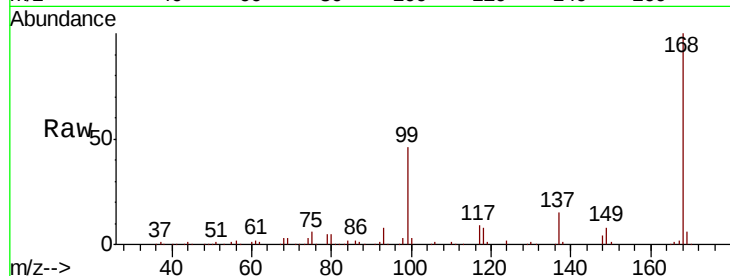
RE-137-745FT-2018109

Tot Ion:168 Resp: 179513

Ion Ratio Lower Upper

168 100

99 45.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

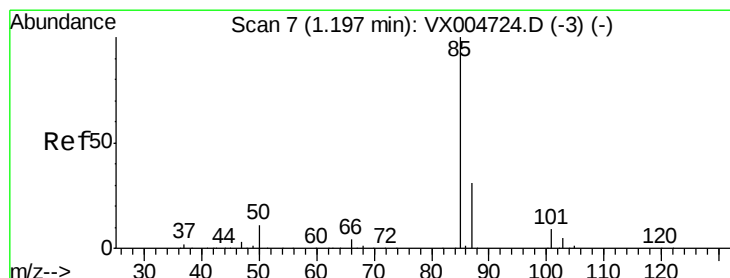
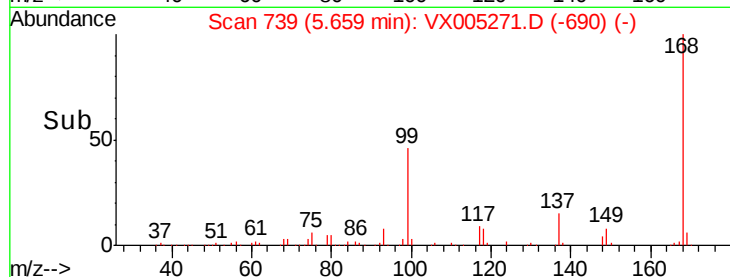
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.517 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005271.D

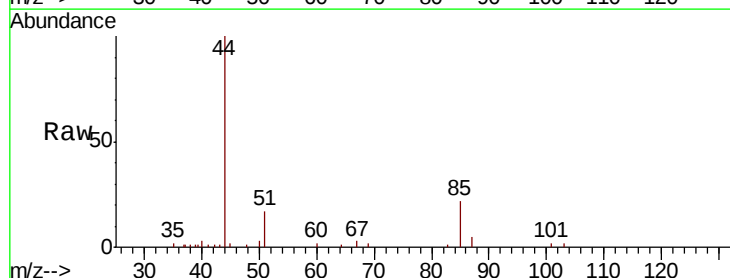
Acq: 11 Oct 2018 23:07

Tgt Ion: 85 Resp: 1265

Ion Ratio Lower Upper

85 100

87 21.6 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

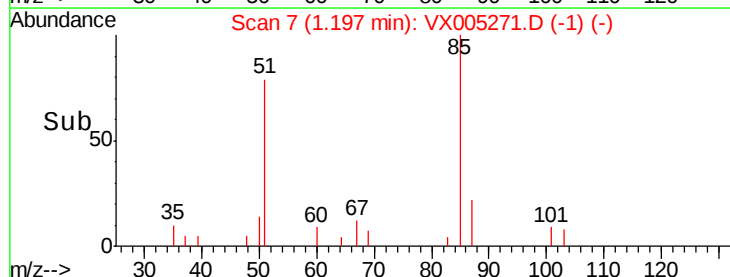
1500

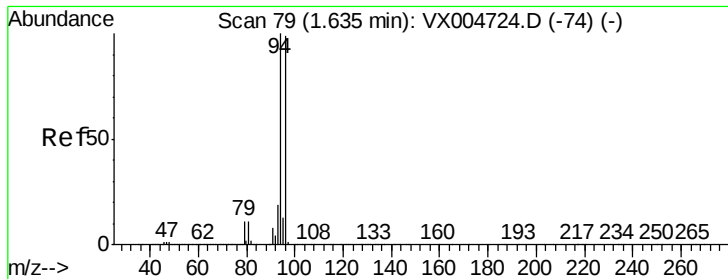
1000

500

0

Time--> 1.20 1.25





#5

Bromomethane

Concen: 0.269 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

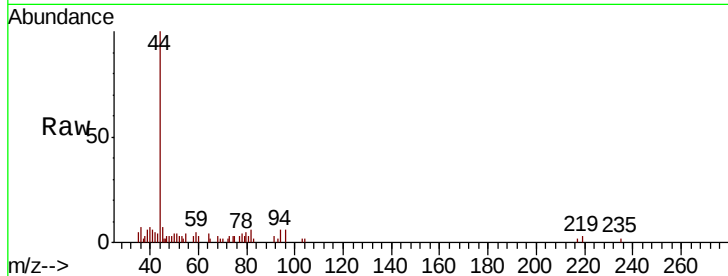
RE-137-745FT-2018109

Tot Ion: 94 Resp: 445

Ion Ratio Lower Upper

94 100

96 133.9 79.5 119.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1.60

1.65

1.70

1.75

1.80

1.85

1.90

1.95

2.00

2.05

2.10

2.15

2.20

2.25

2.30

2.35

2.40

2.45

2.50

2.55

2.60

2.65

2.70

2.75

2.80

2.85

2.90

2.95

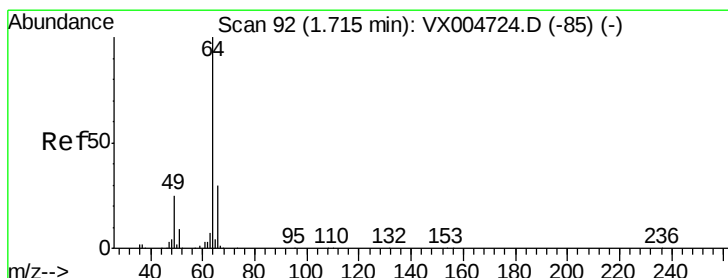
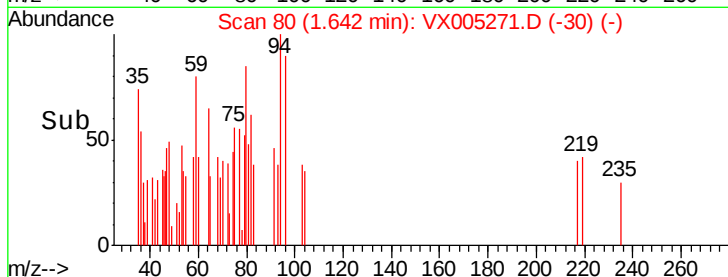
3.00

3.05

3.10

3.15

3.20



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005271.D

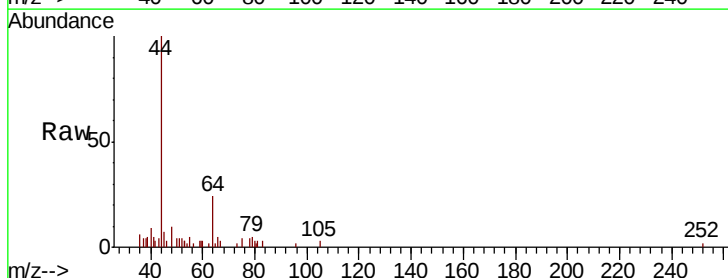
Acq: 11 Oct 2018 23:07

Tgt Ion: 64 Resp: 1336

Ion Ratio Lower Upper

64 100

66 8.7 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

1.60

1.65

1.70

1.75

1.80

1.85

1.90

1.95

2.00

2.05

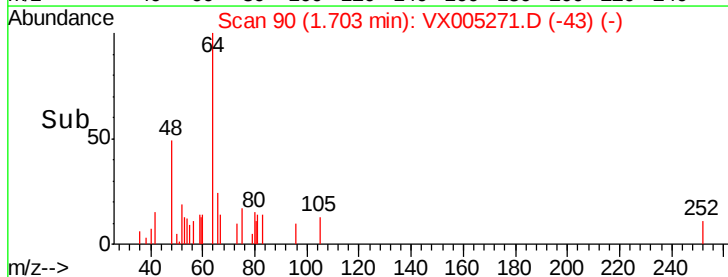
2.10

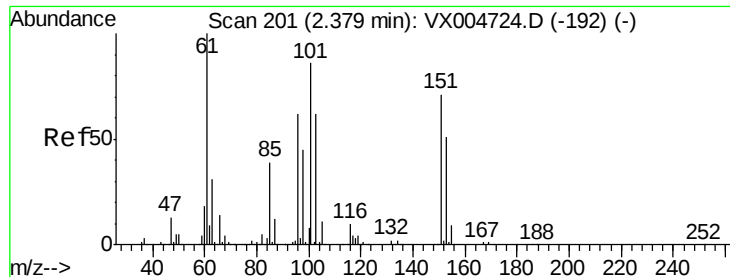
2.15

2.20

2.25

2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.614 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

RE-137-745FT-2018109

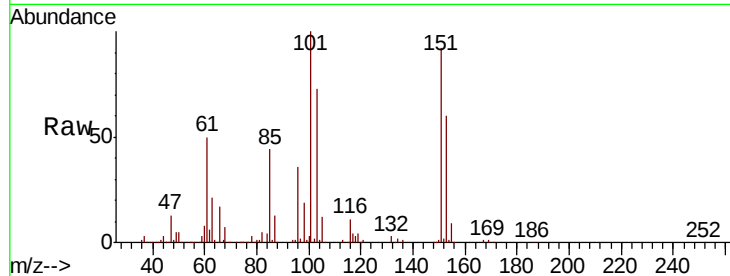
Tot Ion:101 Resp: 107266

Ion Ratio Lower Upper

101 100

85 43.9 35.9 53.9

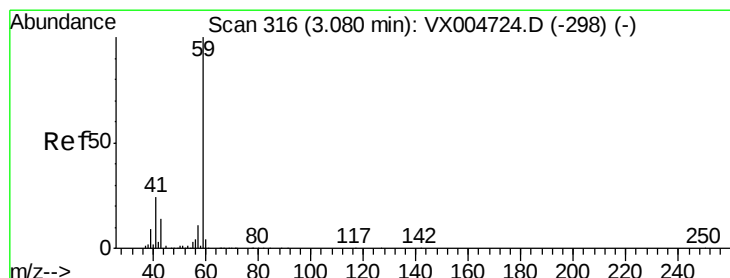
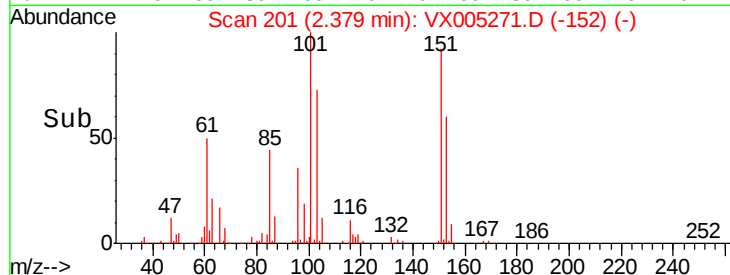
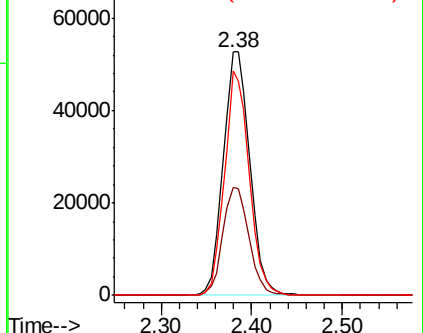
151 85.8 66.6 100.0



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



#11

Tert butyl alcohol

Concen: 1.552 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX005271.D

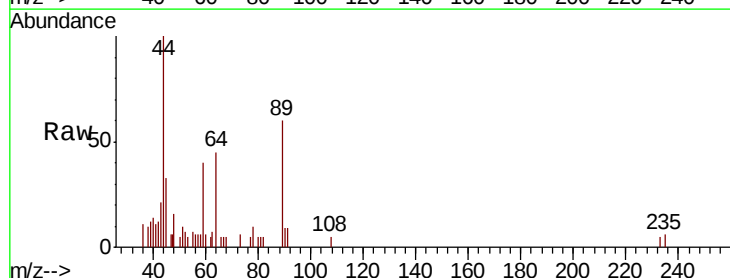
Acq: 11 Oct 2018 23:07

Tgt Ion: 59 Resp: 1113

Ion Ratio Lower Upper

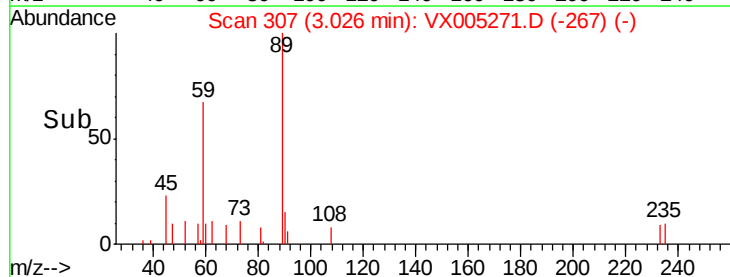
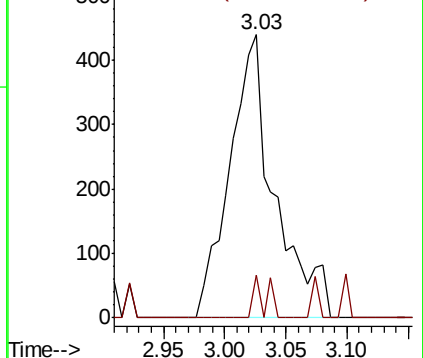
59 100

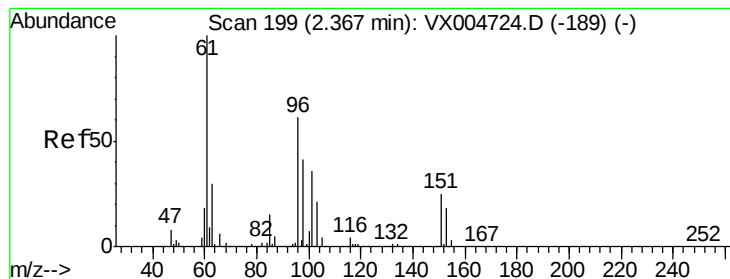
57 4.2 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 16.419 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

RE-137-745FT-2018109

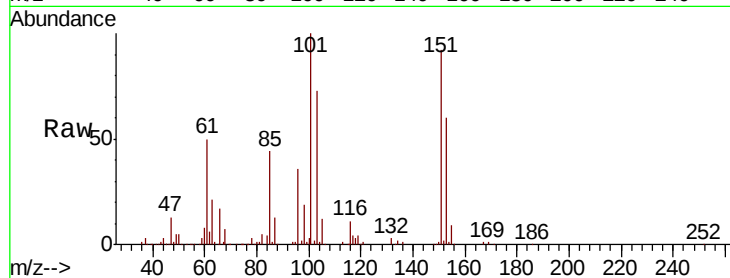
Tot Ion: 96 Resp: 31937

Ion Ratio Lower Upper

96 100

61 137.6 130.2 195.4

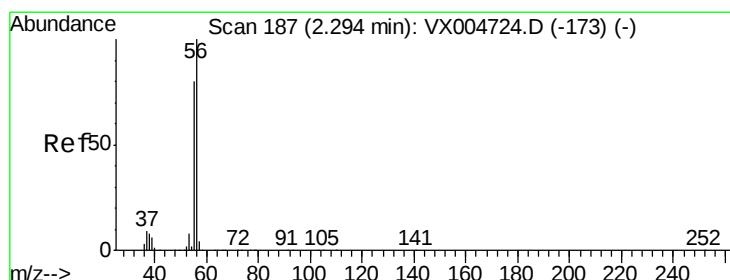
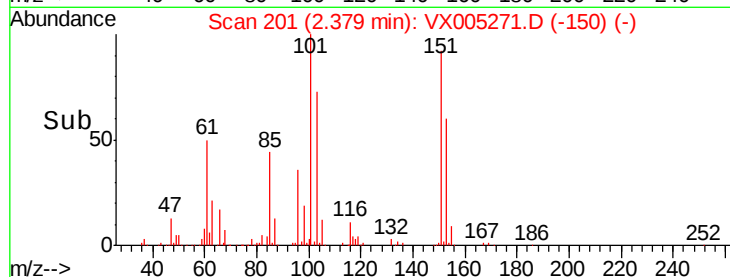
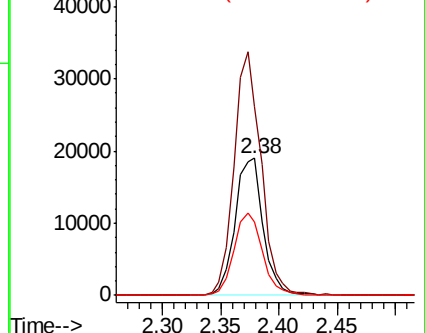
98 53.4 53.4 80.0#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#13

Acrolein

Concen: 0.345 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX005271.D

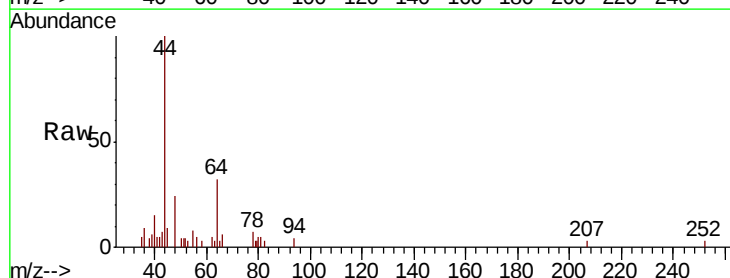
Acq: 11 Oct 2018 23:07

Tgt Ion: 56 Resp: 176

Ion Ratio Lower Upper

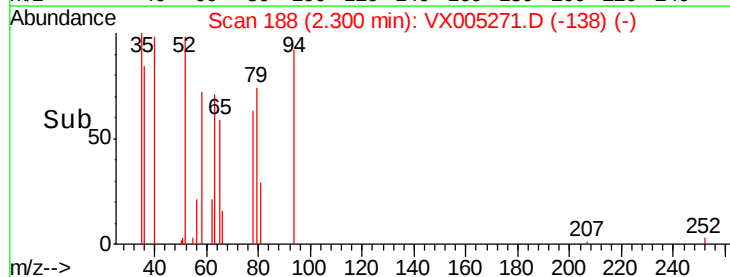
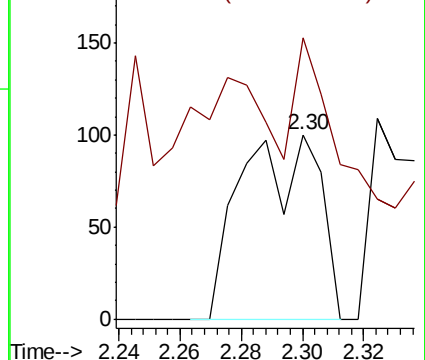
56 100

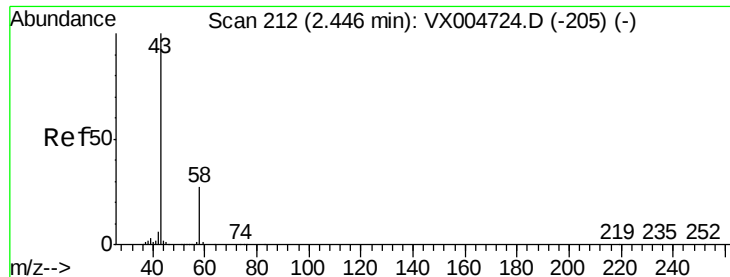
55 42.6 63.4 95.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

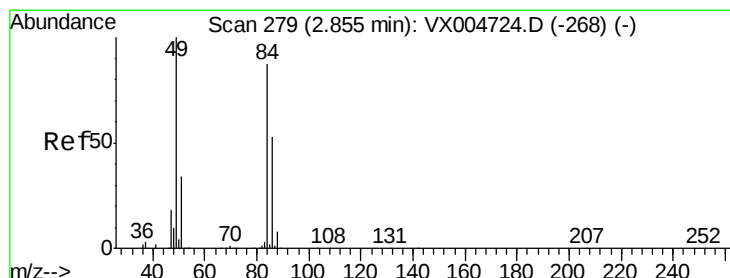
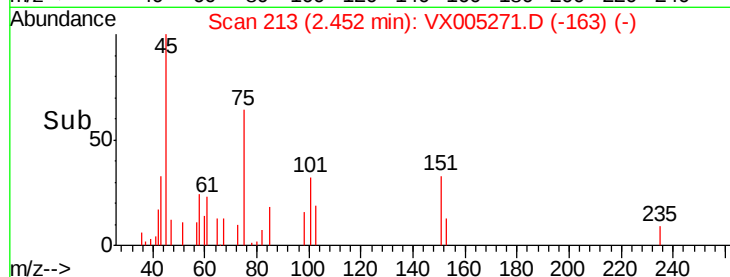
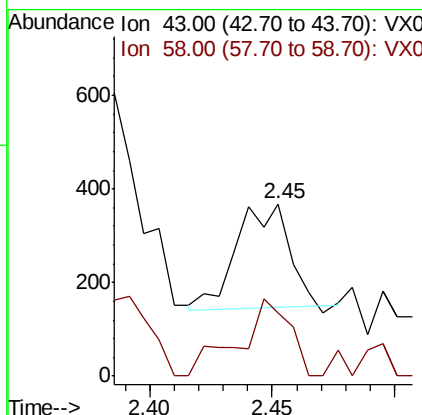
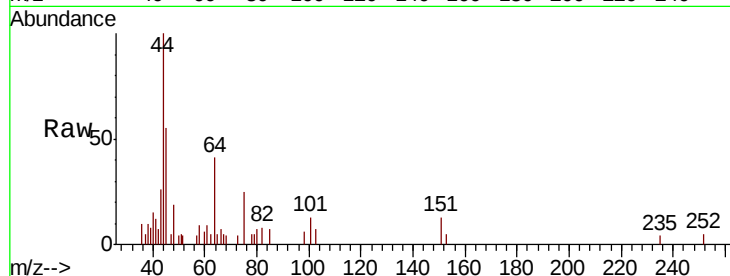




#16
Acetone
Concen: 0.220 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

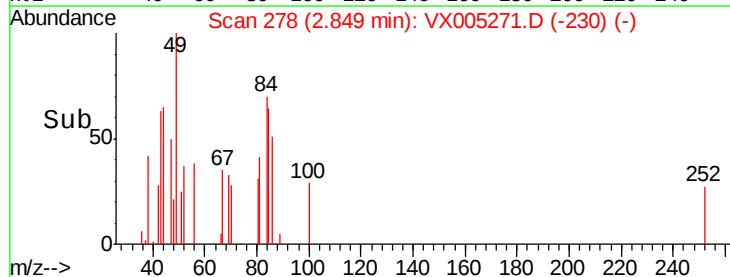
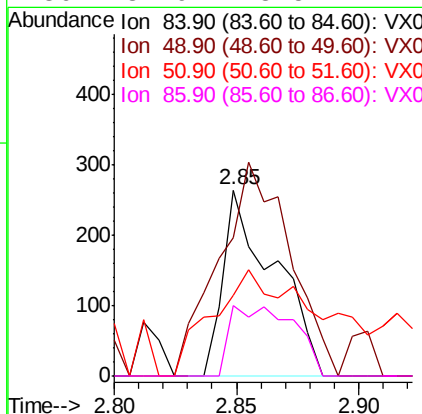
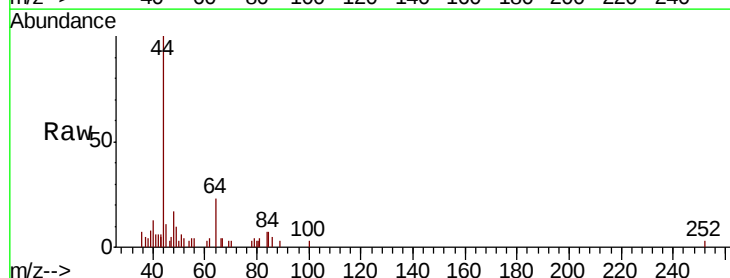
Instrument :
MSVOA_X
ClientSampleId :
RE-137-745FT-2018109

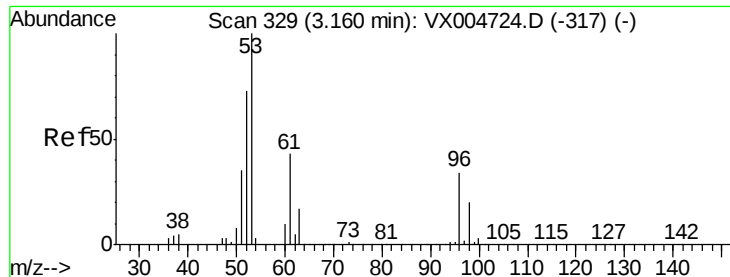
Tot Ion: 43 Resp: 330
Ion Ratio Lower Upper
43 100
58 35.5 21.8 32.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Tgt Ion: 84 Resp: 388
Ion Ratio Lower Upper
84 100
49 74.2 92.3 138.5#
51 18.9 31.8 47.6#
86 37.9 48.5 72.7#





#21

trans-1,2-Dichloroethene

Concen: 0.264 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

RE-137-745FT-2018109

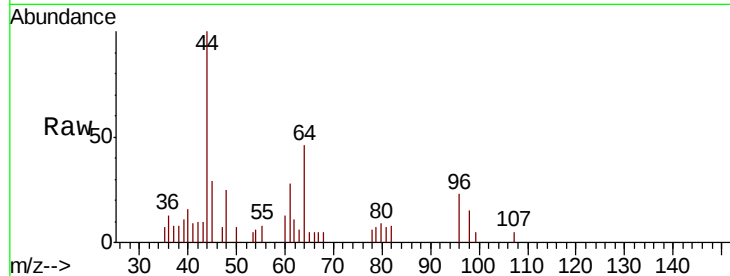
Tot Ion: 96 Resp: 562

Ion Ratio Lower Upper

96 100

61 124.1 101.0 151.6

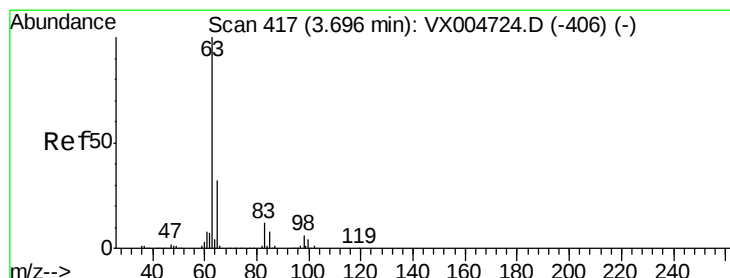
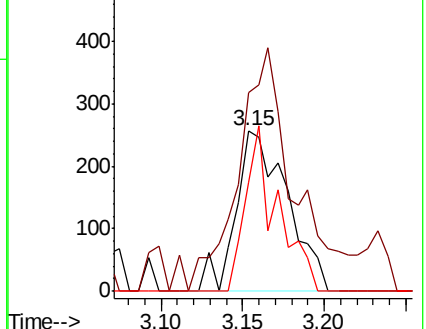
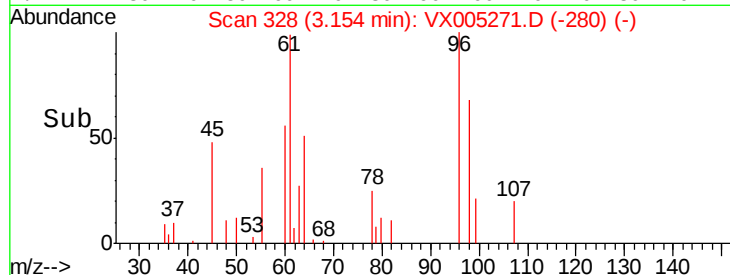
98 67.7 47.2 70.8



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



#24

1,1-Dichloroethane

Concen: 2.761 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

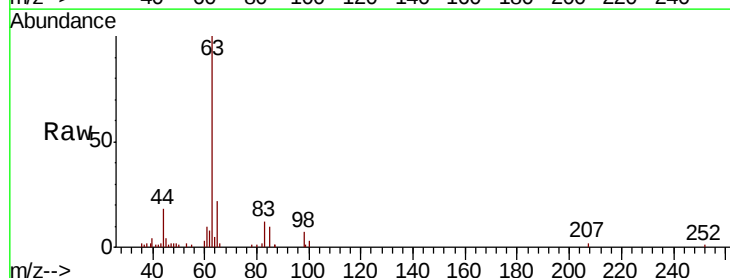
Tgt Ion: 63 Resp: 11769

Ion Ratio Lower Upper

63 100

98 7.2 3.0 9.2

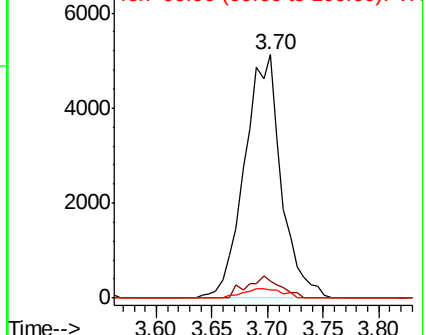
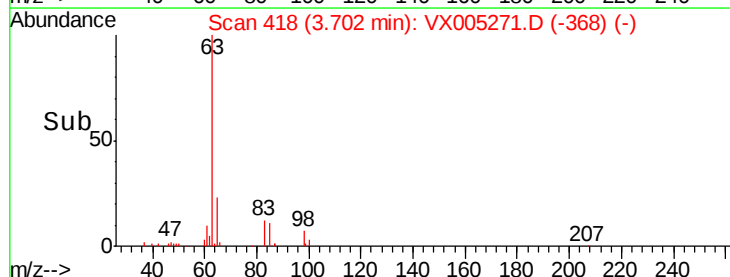
100 3.1 2.0 5.8

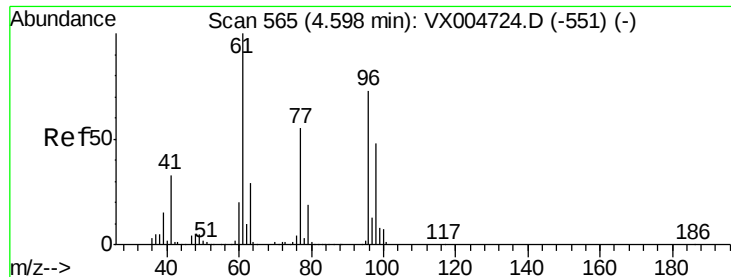


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



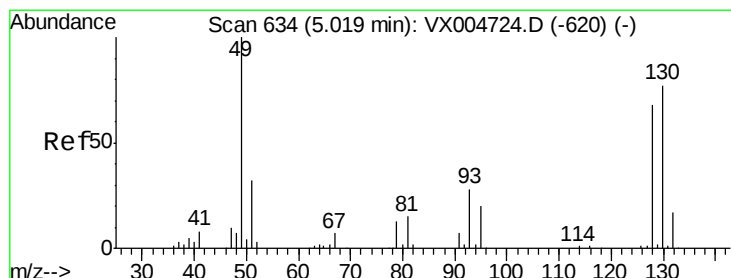
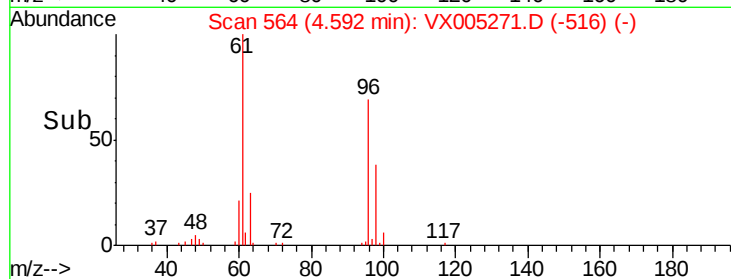
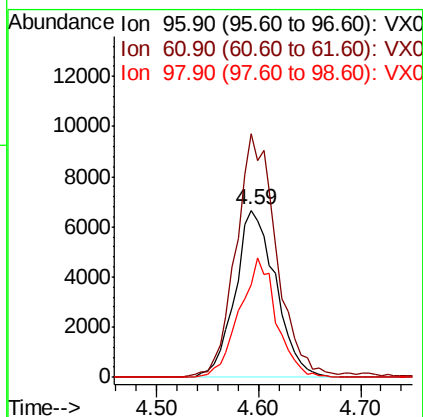
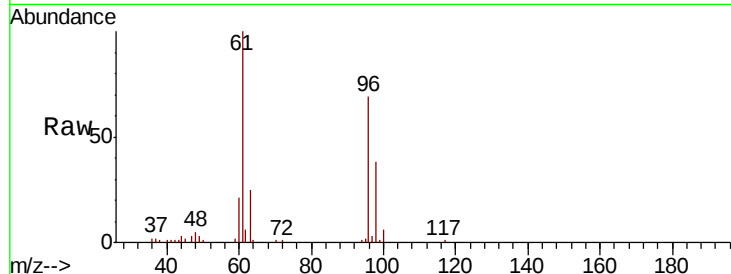


#27

cis-1,2-Dichloroethene
 Concen: 7.753 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX005271.D
 Acq: 11 Oct 2018 23:07

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-137-745FT-2018109

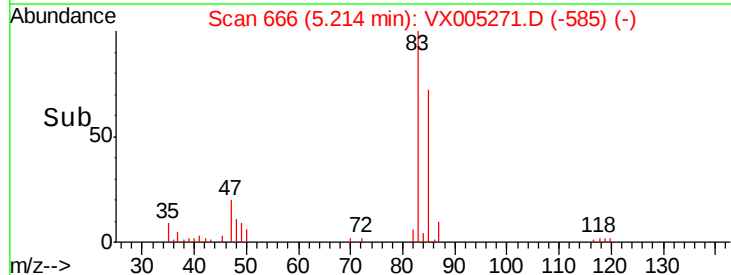
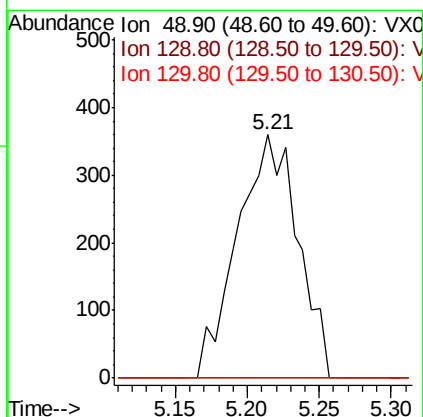
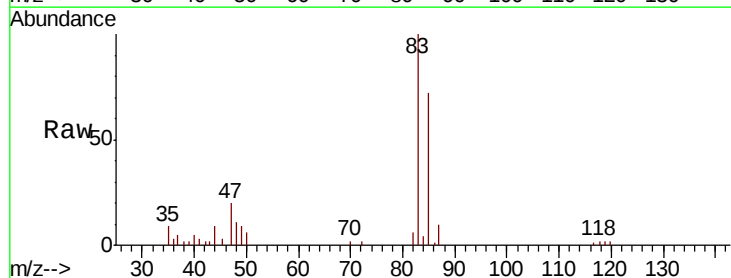
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	285.8
98	65.1	0.0	136.2

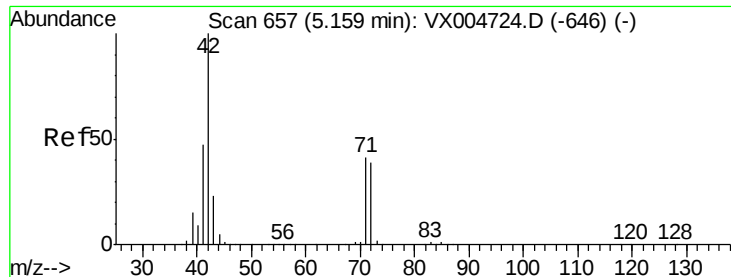


#28

Bromochloromethane
 Concen: 0.523 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. 0.20 min
 Lab File: VX005271.D
 Acq: 11 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	62.0	93.0#





#29

Tetrahydrofuran

Concen: 1.656 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

RE-137-745FT-2018109

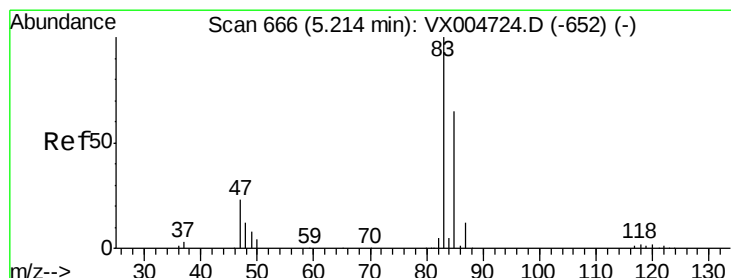
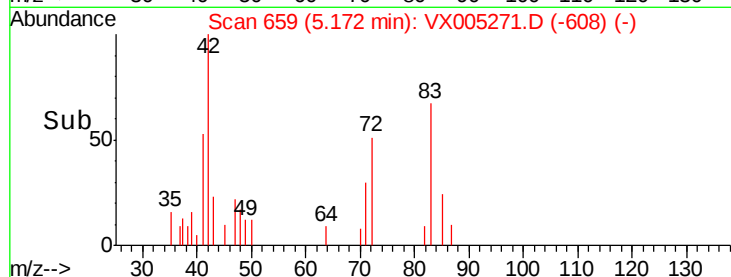
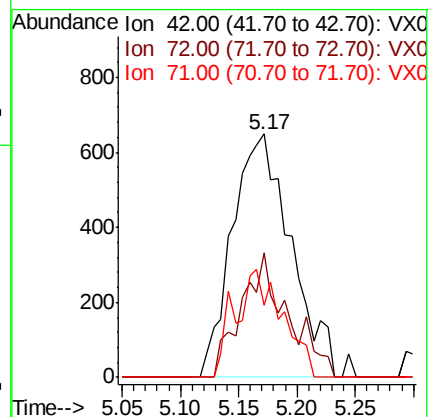
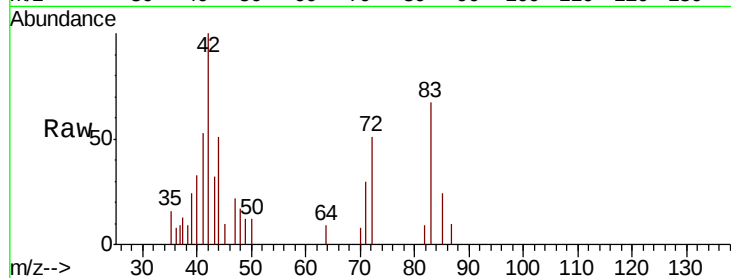
Tot Ion: 42 Resp: 2272

Ion Ratio Lower Upper

42 100

72 40.7 33.7 50.5

71 35.6 32.2 48.4



#30

Chloroform

Concen: 3.127 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005271.D

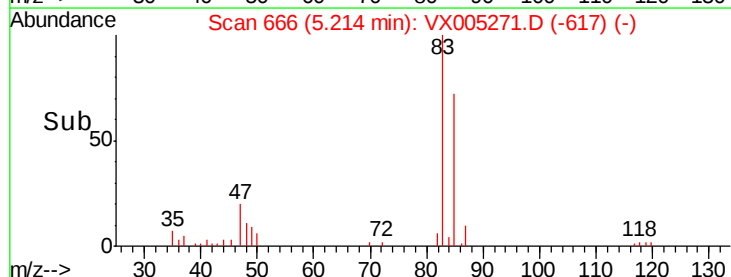
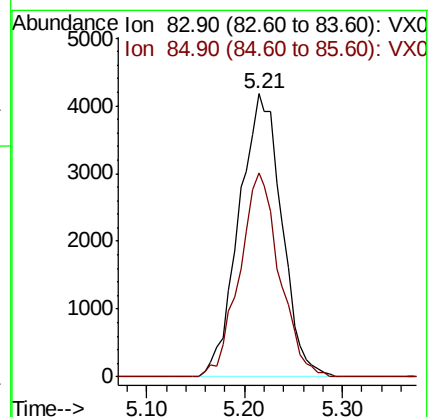
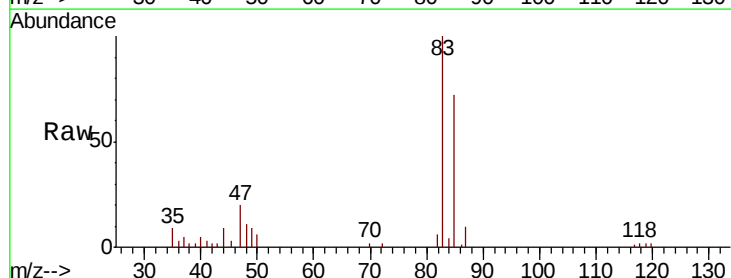
Acq: 11 Oct 2018 23:07

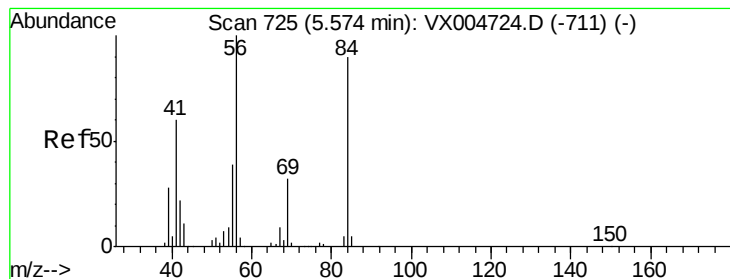
Tgt Ion: 83 Resp: 12599

Ion Ratio Lower Upper

83 100

85 71.9 52.4 78.6





#31

Cyclohexane

Concen: 1.071 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.10 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

RE-137-745FT-2018109

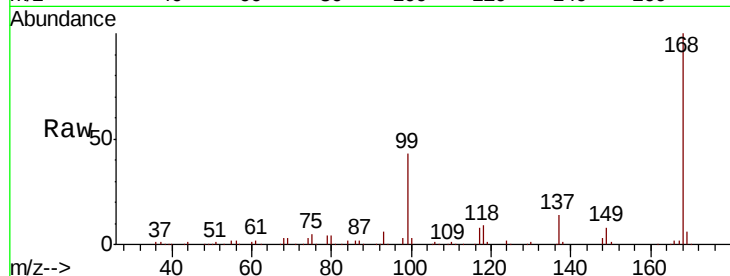
Tot Ion: 56 Resp: 3493

Ion Ratio Lower Upper

56 100

69 158.6 25.9 38.9#

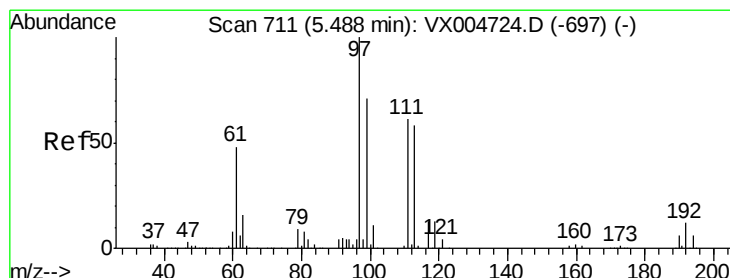
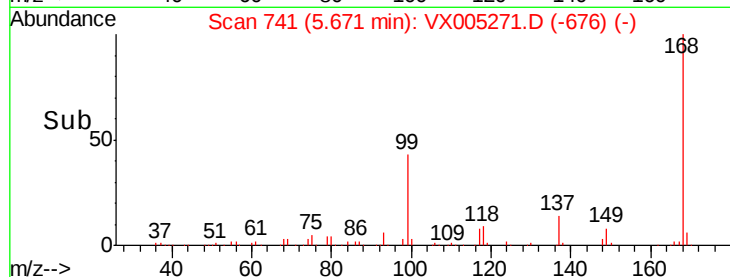
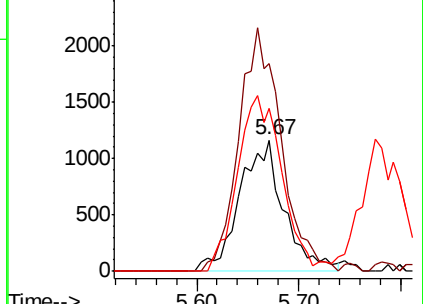
84 124.5 71.9 107.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 0.944 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

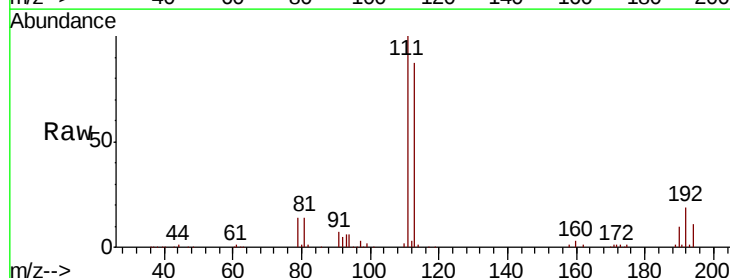
Tgt Ion: 97 Resp: 3107

Ion Ratio Lower Upper

97 100

99 0.0 54.6 82.0#

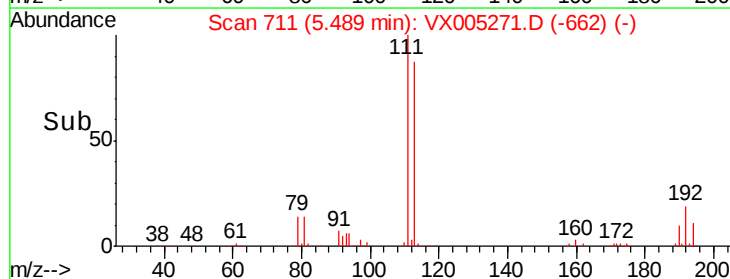
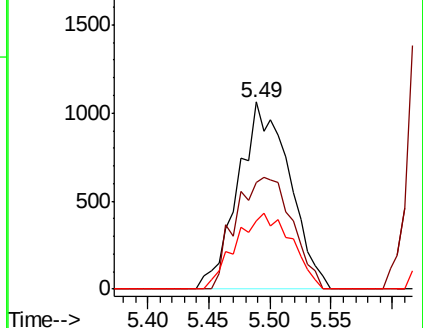
61 44.1 37.5 56.3

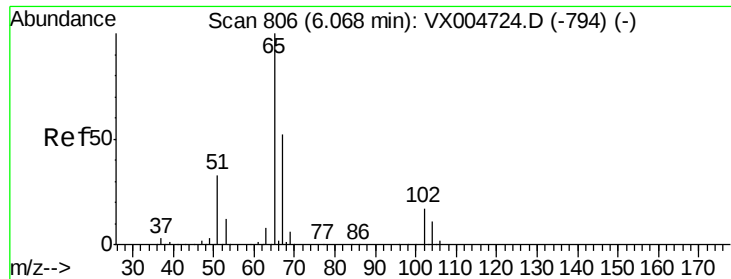


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 57.293 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

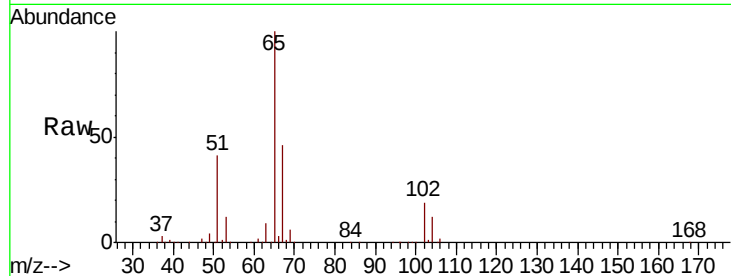
RE-137-745FT-2018109

Tot Ion: 65 Resp: 146918

Ion Ratio Lower Upper

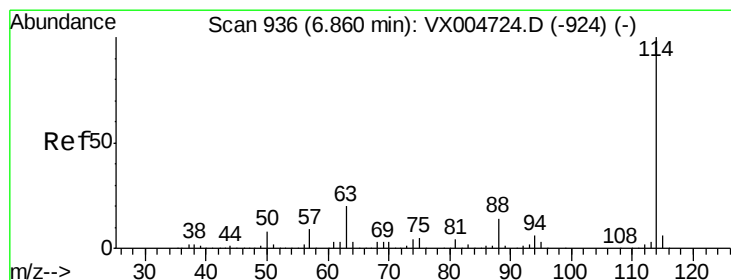
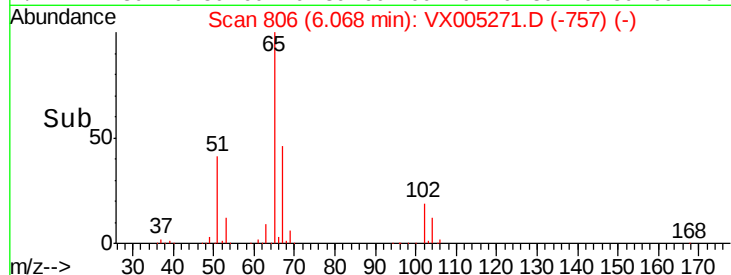
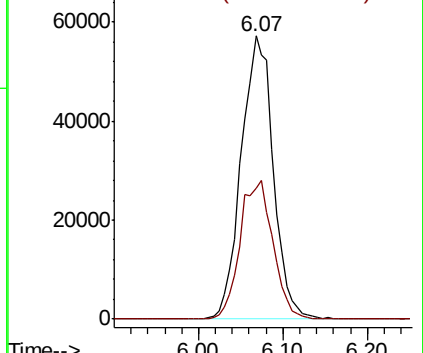
65 100

67 50.4 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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

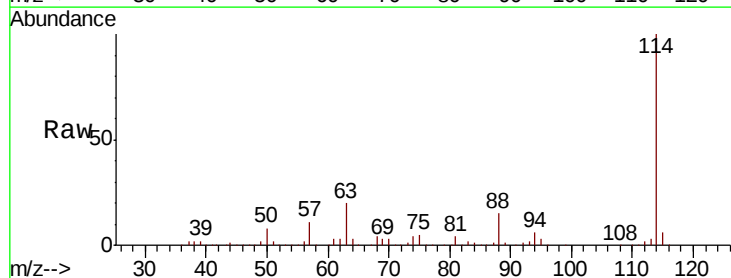
Tgt Ion: 114 Resp: 258395

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

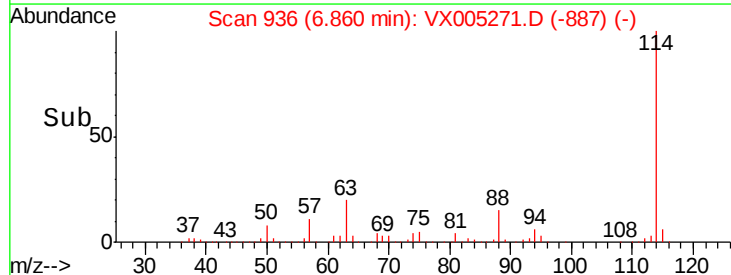
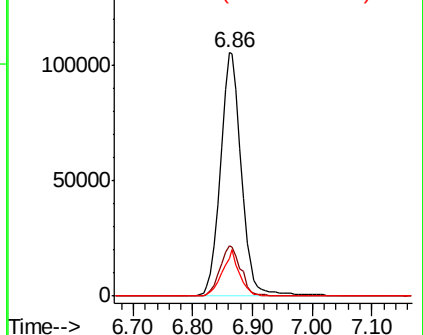
88 15.4 0.0 27.0

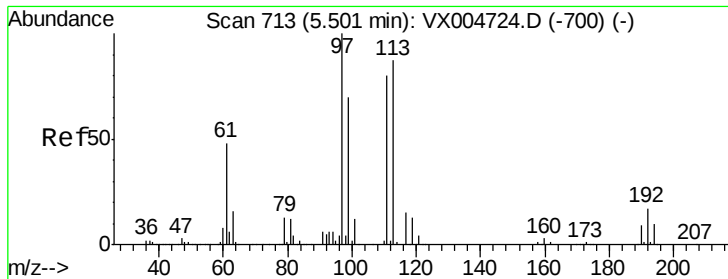


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

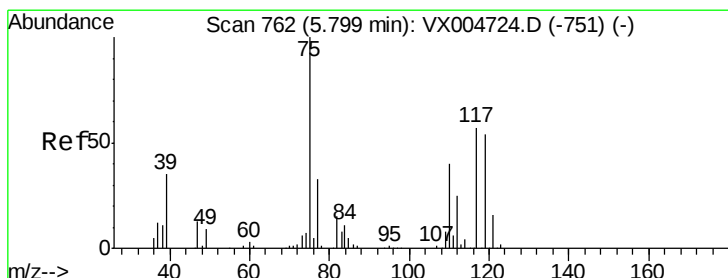
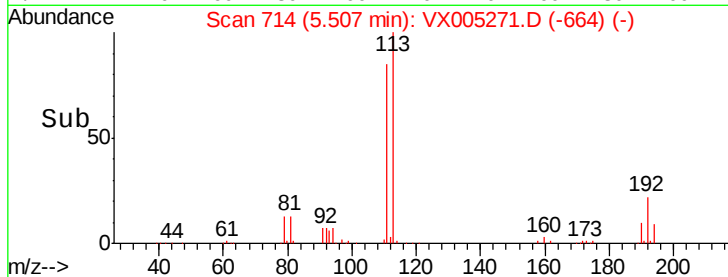
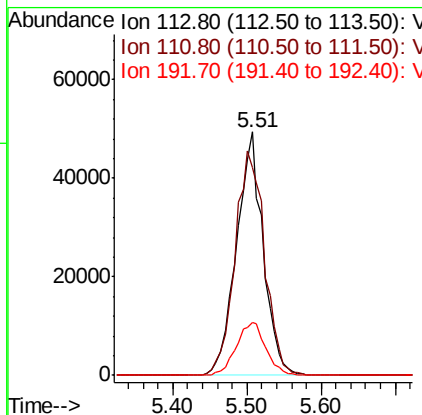
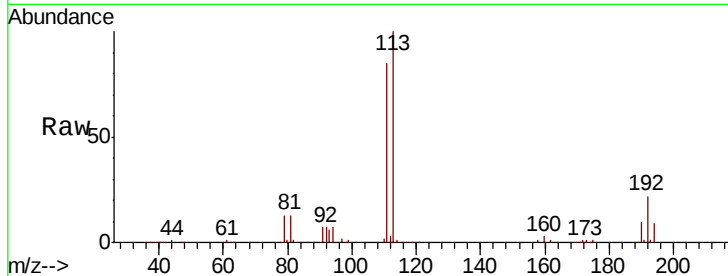




#35
 Dibromofluoromethane
 Concen: 56.515 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005271.D
 Acq: 11 Oct 2018 23:07

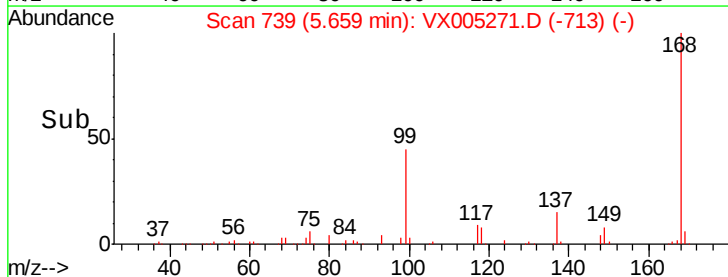
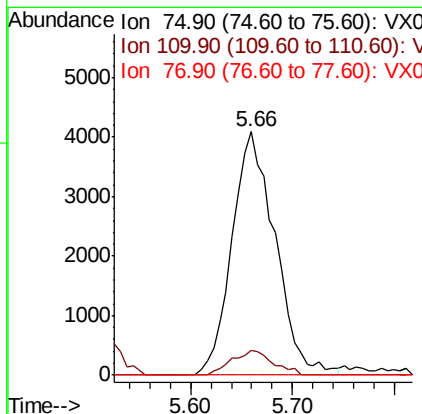
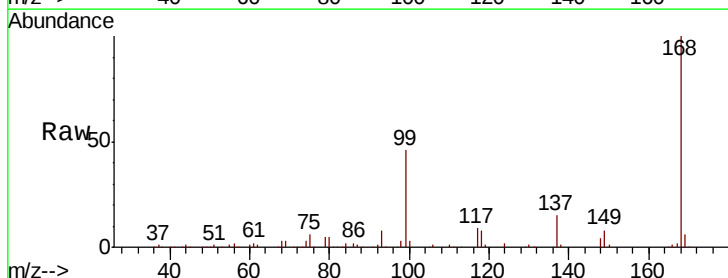
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-137-745FT-2018109

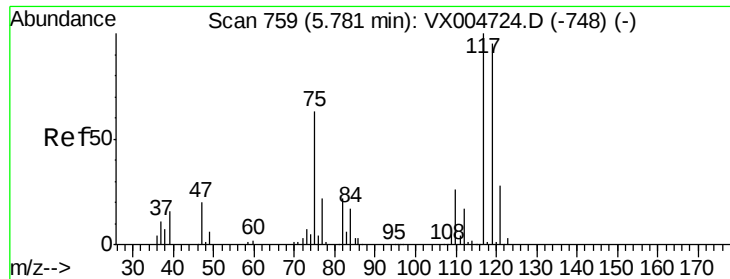
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	77.0	115.4
192	24.0	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.013 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005271.D
 Acq: 11 Oct 2018 23:07

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





#38

Carbon Tetrachloride

Concen: 5.841 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

RE-137-745FT-2018109

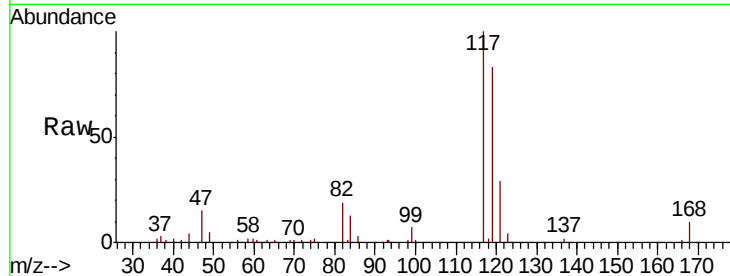
Tot Ion:117 Resp: 18346

Ion Ratio Lower Upper

117 100

119 82.6 75.2 112.8

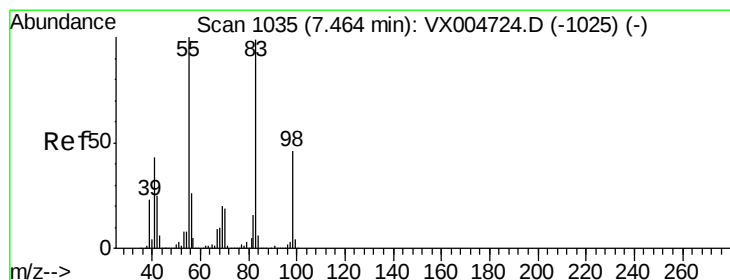
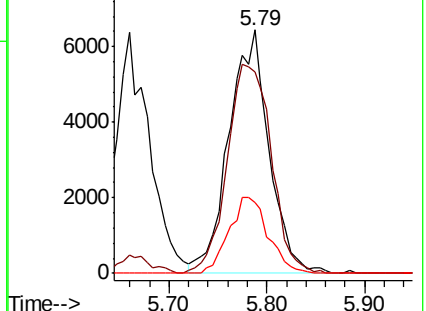
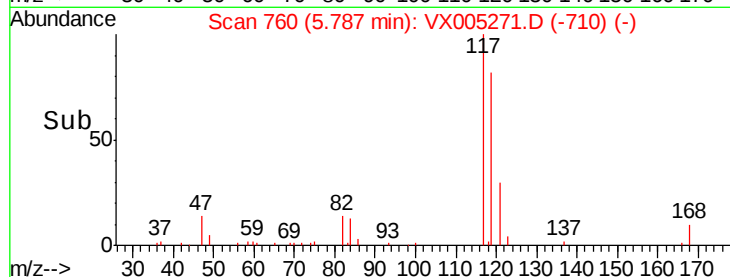
121 29.2 22.5 33.7



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: 41.124 ug/l

RT: 7.23 min Scan# 996

Delta R.T. -0.24 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

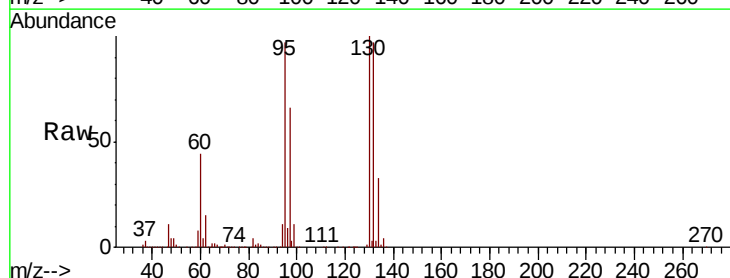
Tgt Ion: 83 Resp: 125469

Ion Ratio Lower Upper

83 100

55 0.0 81.1 121.7#

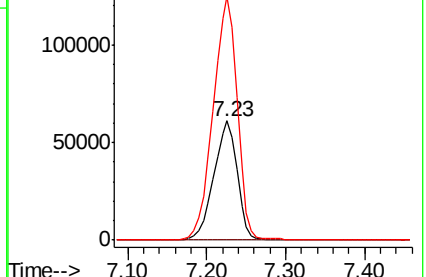
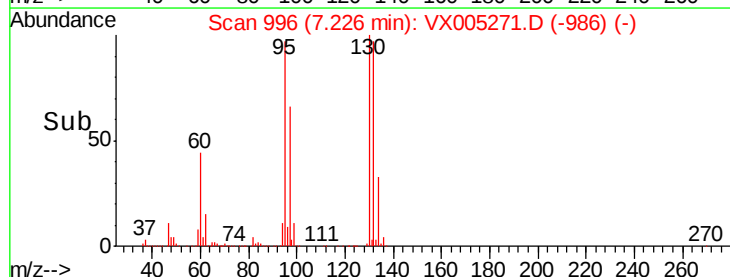
98 204.3 37.3 55.9#

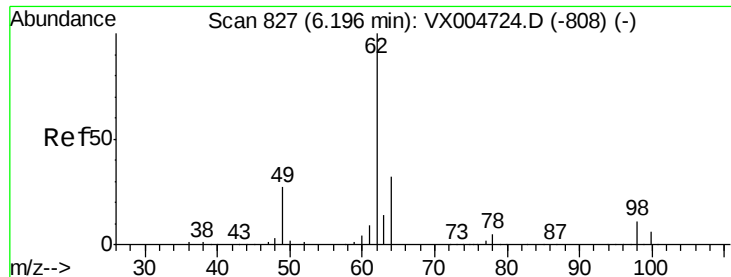


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#42

1,2-Dichloroethane

Concen: 0.549 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

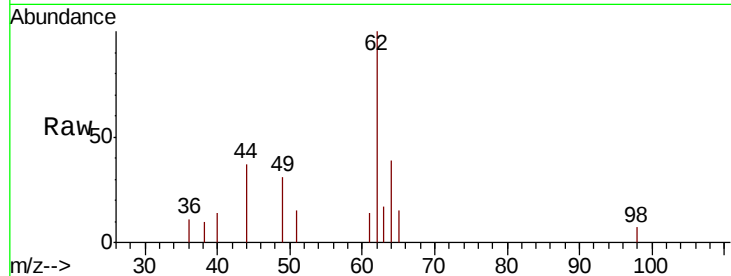
RE-137-745FT-2018109

Tot Ion: 62 Resp: 1814

Ion Ratio Lower Upper

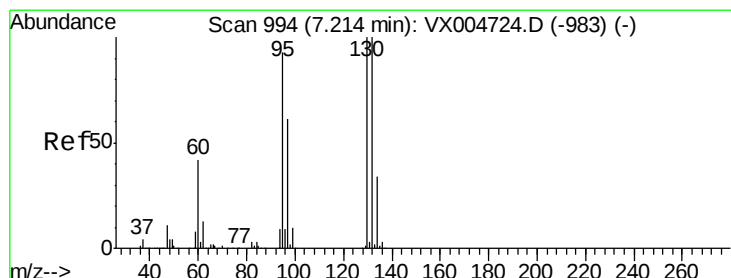
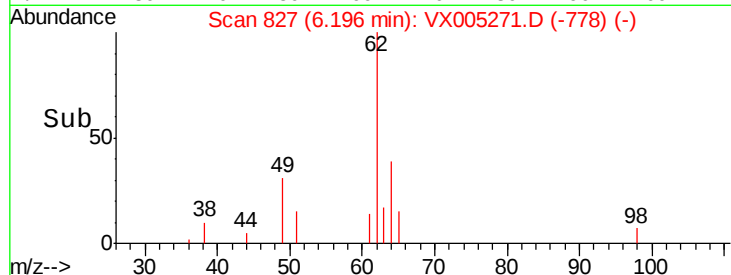
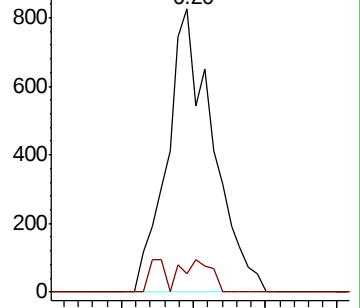
62 100

98 7.6 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#44

Trichloroethene

Concen: 4595.763 ug/l

RT: 7.23 min Scan# 996

Delta R.T. 0.01 min

Lab File: VX005271.D

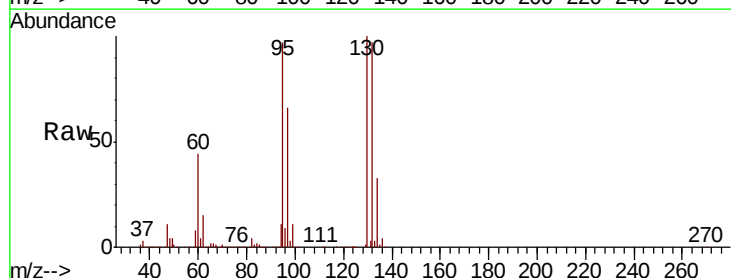
Acq: 11 Oct 2018 23:07

Tgt Ion:130 Resp:10568117

Ion Ratio Lower Upper

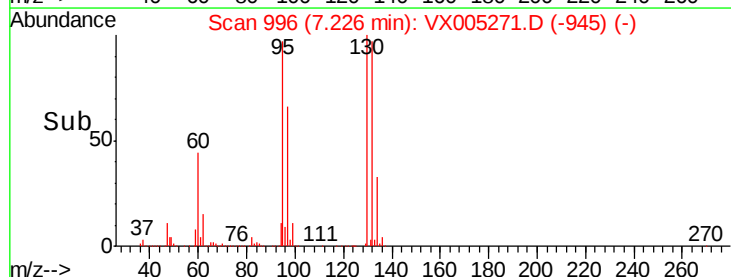
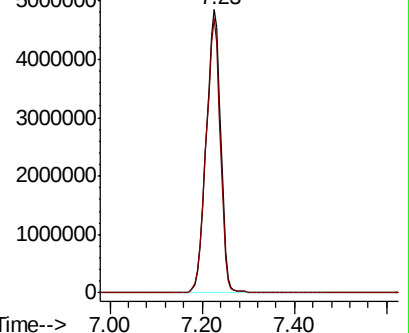
130 100

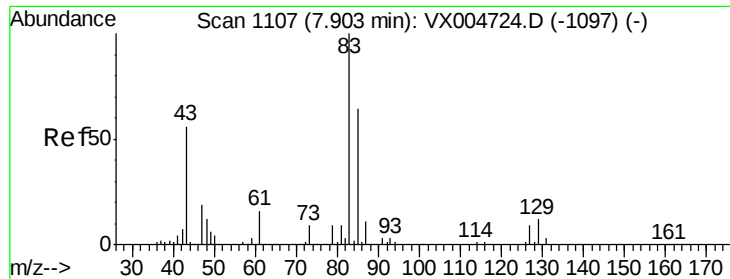
95 96.9 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#47

Bromodichloromethane

Concen: 0.282 ug/l

RT: 7.91 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

RE-137-745FT-2018109

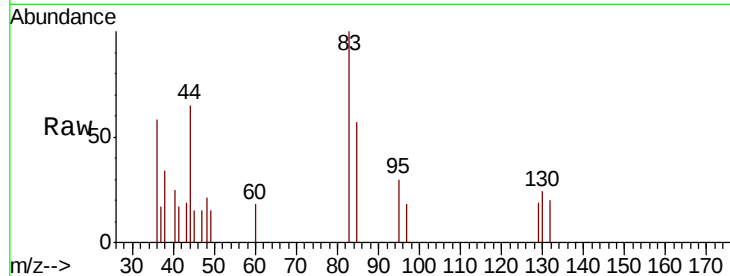
Tot Ion: 83 Resp: 762

Ion Ratio Lower Upper

83 100

85 56.8 51.2 76.8

127 0.0 7.0 10.6#

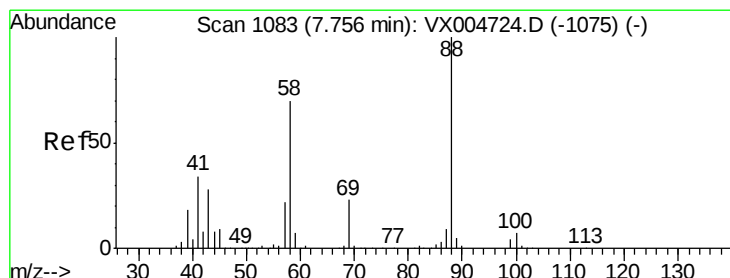
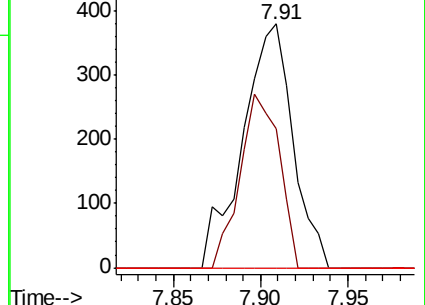
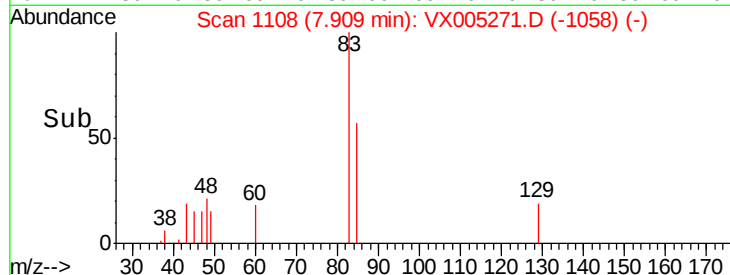


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

Time-->



#49

1,4-Dioxane

Concen: 21.719 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

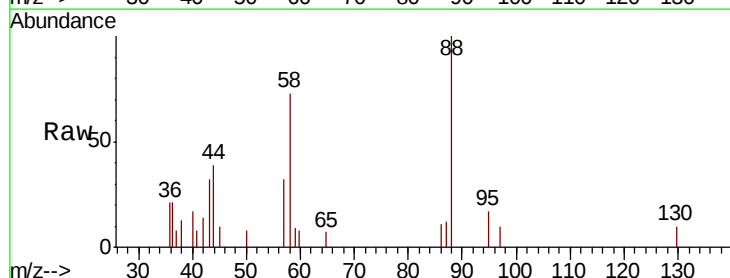
Tgt Ion: 88 Resp: 1402

Ion Ratio Lower Upper

88 100

43 43.7 25.1 37.7#

58 76.0 56.2 84.2

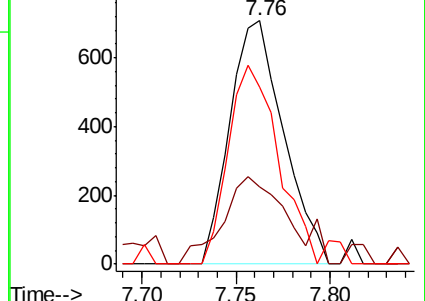
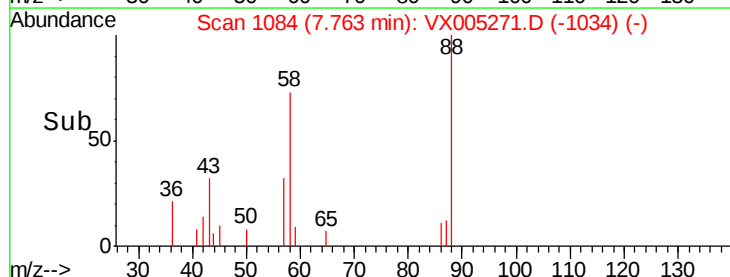


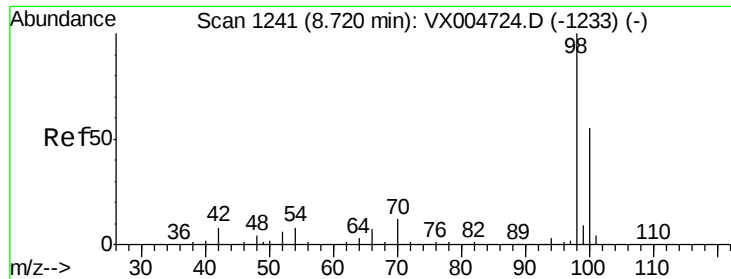
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->

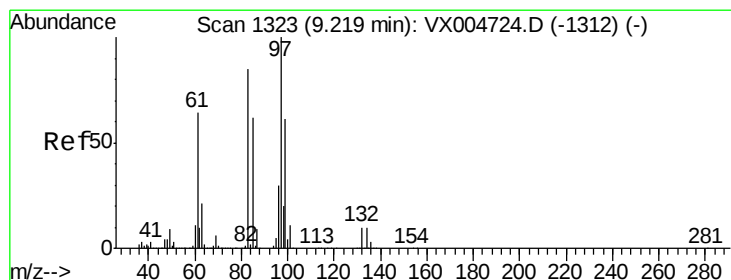
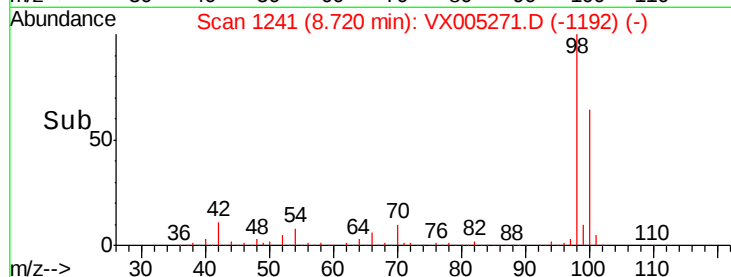
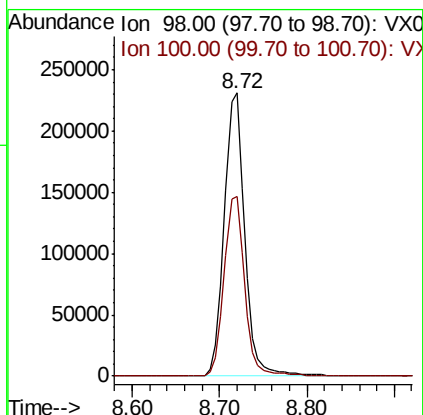
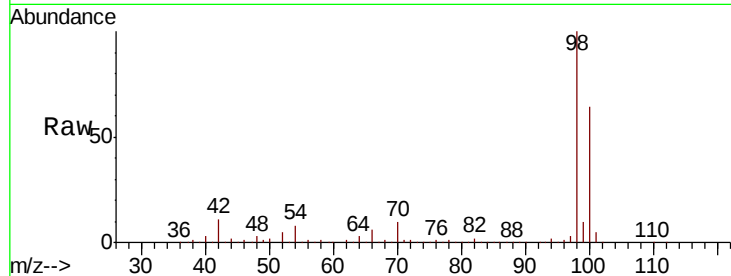




#50
Toluene-d8
Concen: 51.662 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

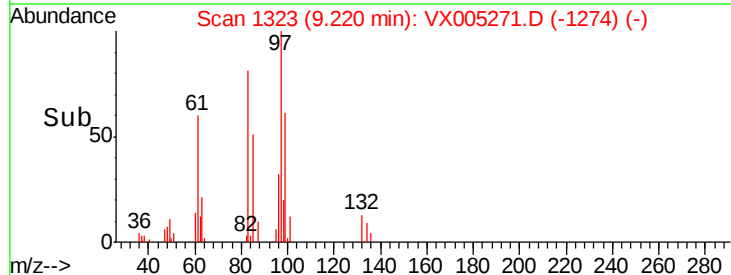
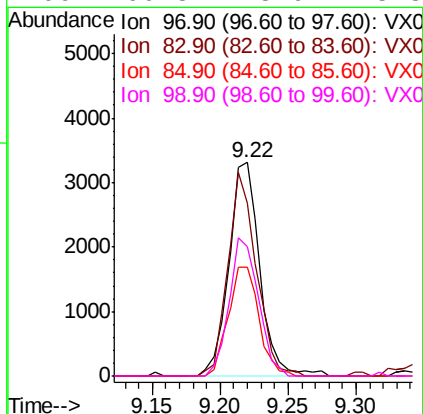
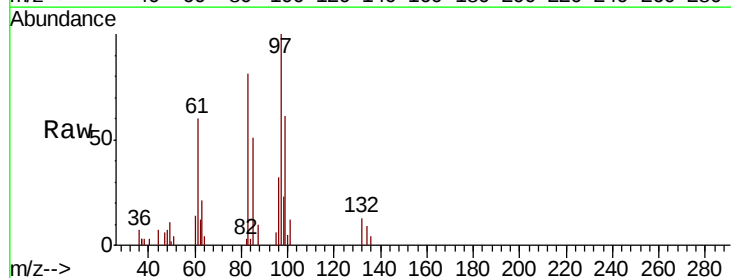
Instrument :
MSVOA_X
ClientSampleId :
RE-137-745FT-2018109

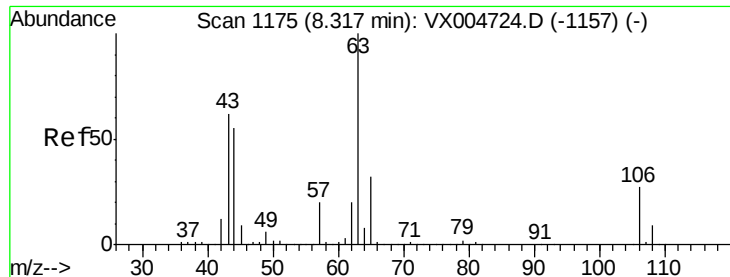
Tot Ion: 98 Resp: 376121
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 2.318 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Tgt Ion: 97 Resp: 5220
Ion Ratio Lower Upper
97 100
83 80.8 68.2 102.2
85 51.0 49.9 74.9
99 60.8 48.9 73.3





#58

2-Chloroethyl Vinyl ether

Concen: 14.262 ug/l

RT: 8.54 min Scan# 1212

Delta R.T. 0.23 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

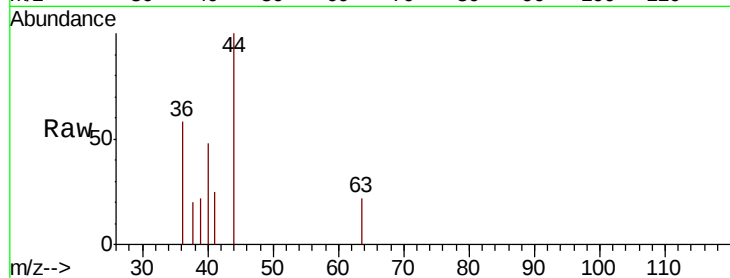
RE-137-745FT-2018109

Tot Ion: 63 Resp: 40

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

8.54

50

40

30

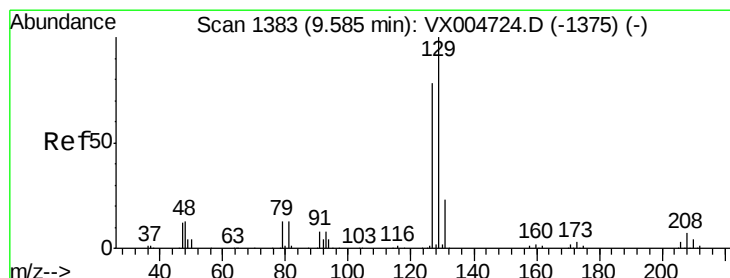
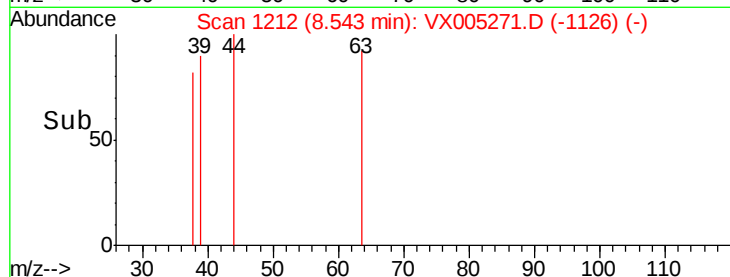
20

10

0

8.52 8.54 8.56 8.58

Time-->



#60

Dibromochloromethane

Concen: 3.721 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX005271.D

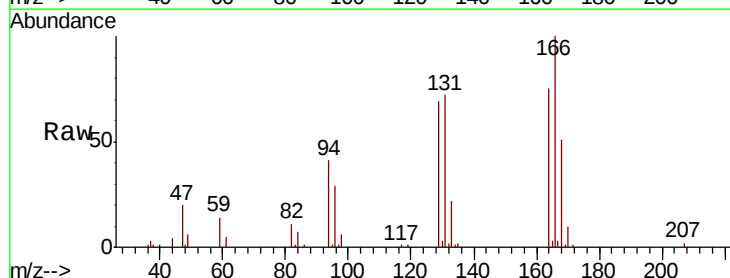
Acq: 11 Oct 2018 23:07

Tgt Ion: 129 Resp: 8378

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

9.34

6000

5000

4000

3000

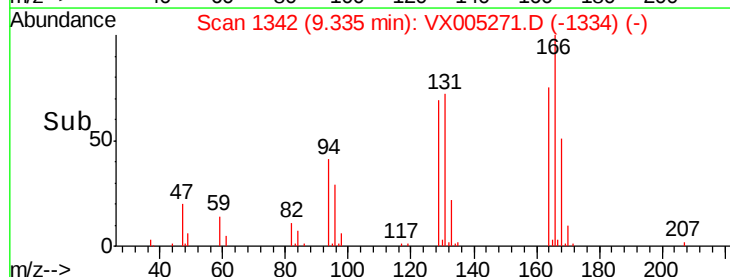
2000

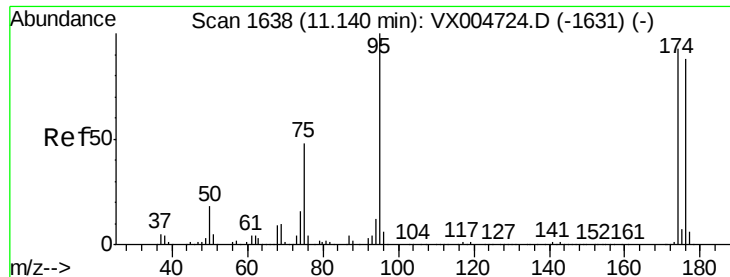
1000

0

9.30 9.35 9.40

Time-->

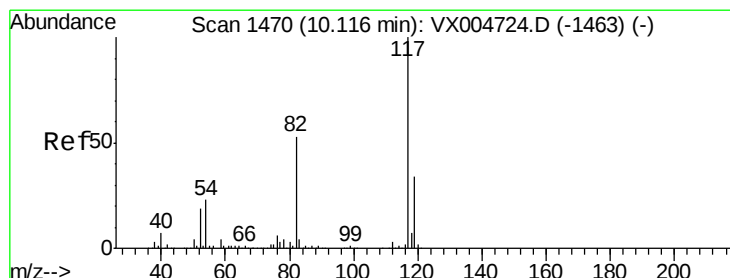
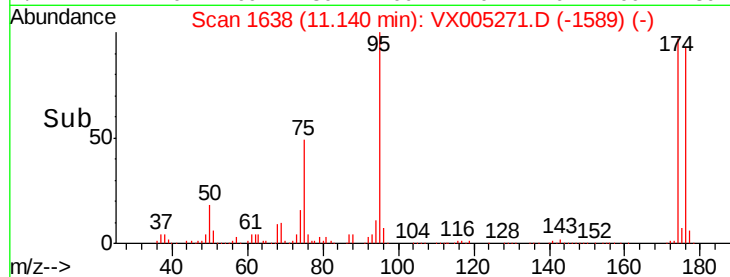
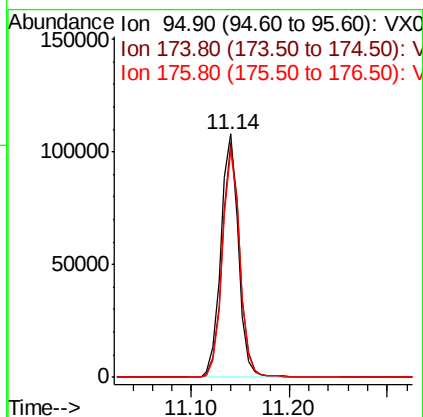
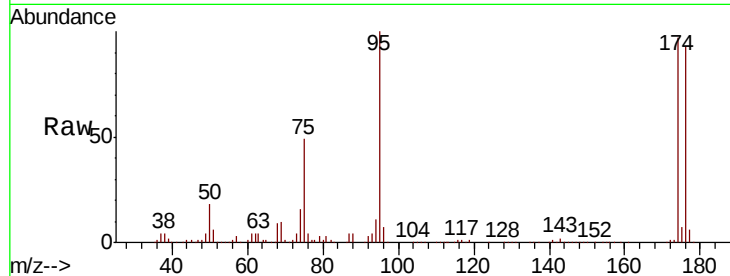




#62
4-Bromofluorobenzene
Concen: 51.266 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

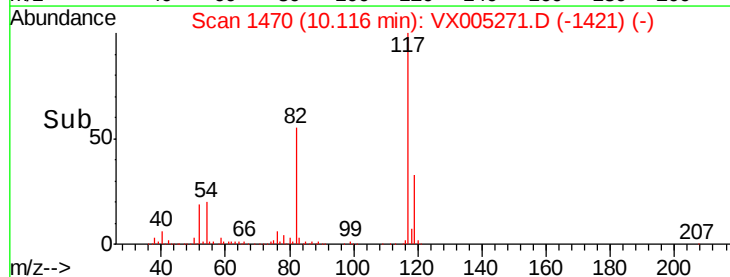
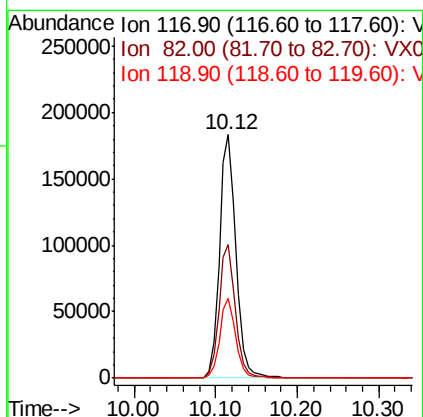
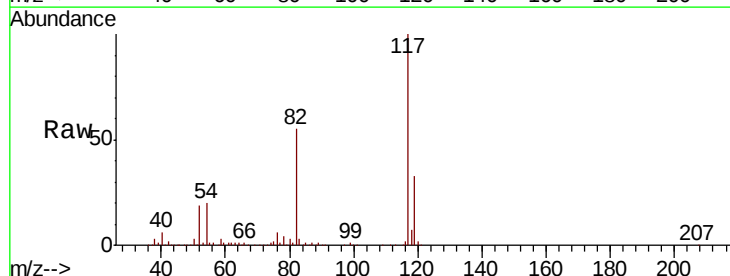
Instrument :
MSVOA_X
ClientSampleId :
RE-137-745FT-2018109

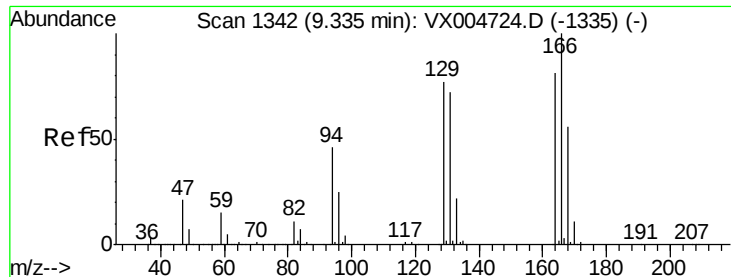
Tot Ion	95	Resp	134461
Ion Ratio	Lower	Upper	
95	100		
174	96.1	0.0	185.0
176	92.8	0.0	180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Tgt Ion	117	Resp	259060
Ion Ratio	Lower	Upper	
117	100		
82	54.7	42.2	63.4
119	32.9	27.4	41.0





#64

Tetrachloroethene

Concen: 3.663 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

RE-137-745FT-2018109

Tot Ion:164 Resp: 9340

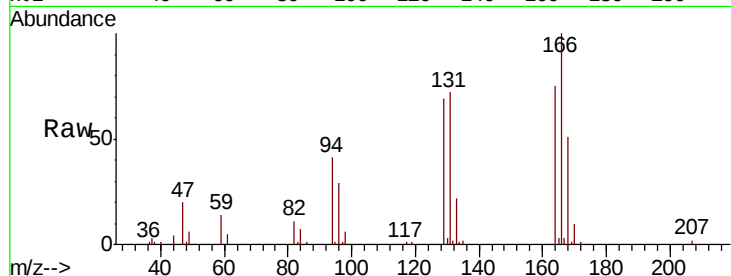
Ion Ratio Lower Upper

164 100

166 132.5 98.4 147.6

129 91.3 76.1 114.1

131 94.8 71.0 106.4



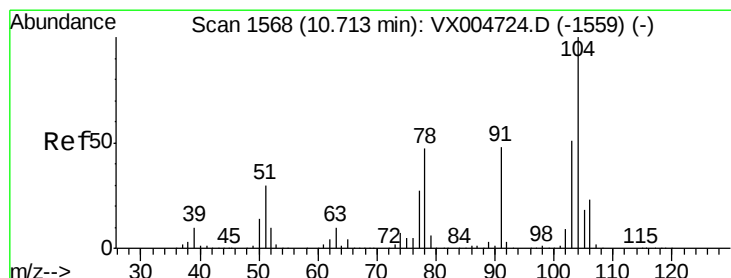
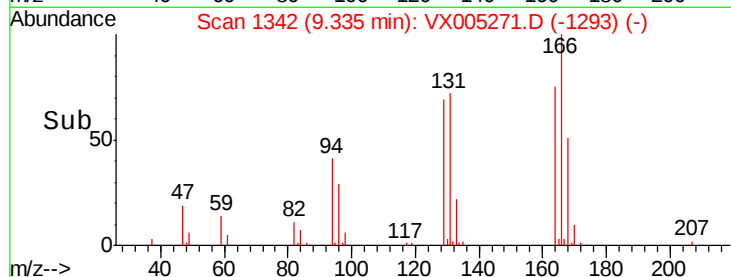
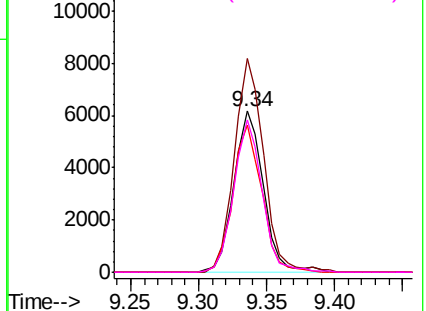
Abundance

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



#70

Styrene

Concen: 2.151 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

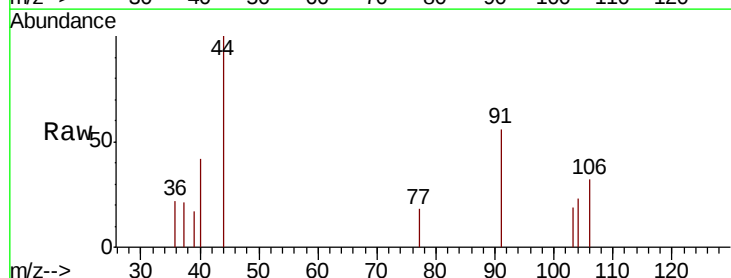
Tgt Ion:104 Resp: 75

Ion Ratio Lower Upper

104 100

78 0.0 40.0 60.0#

103 30.7 44.3 66.5#

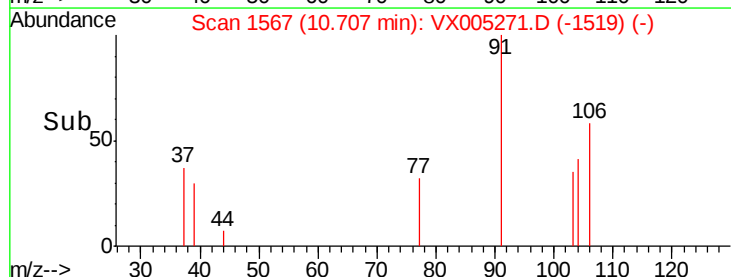
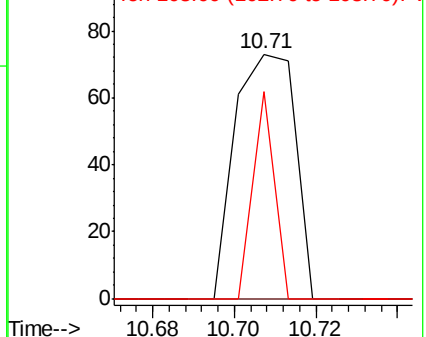


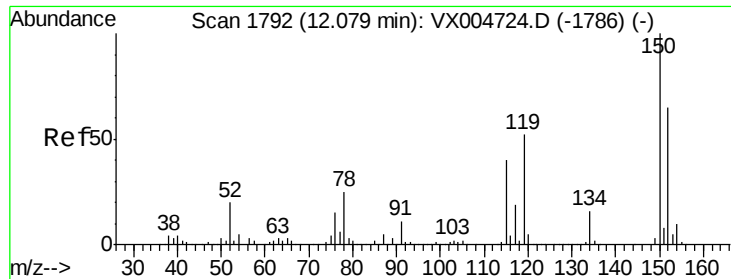
Abundance

Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

RE-137-745FT-2018109

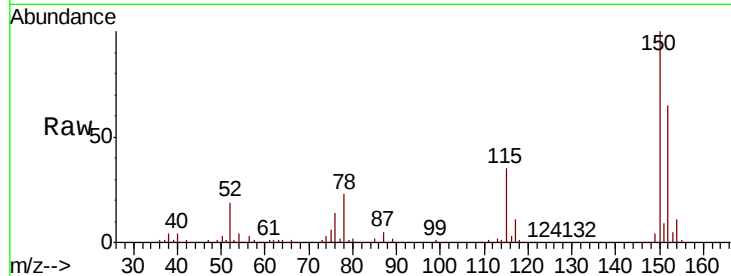
Tot Ion:152 Resp: 146641

Ion Ratio Lower Upper

152 100

115 54.4 40.2 120.6

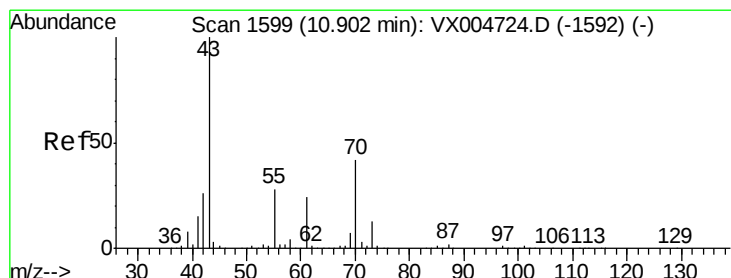
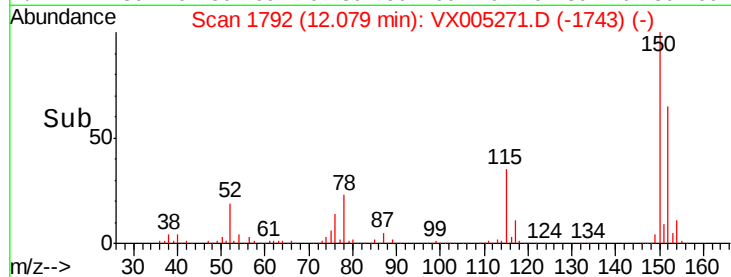
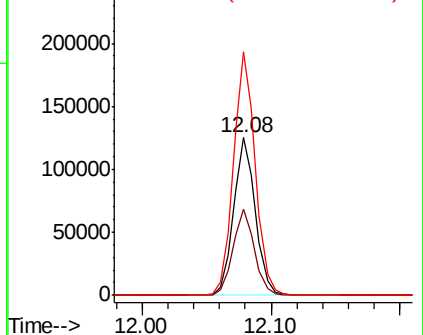
150 155.4 0.0 351.0



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



#74

N-ethyl acetate

Concen: 1.768 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Tgt Ion: 43 Resp: 107

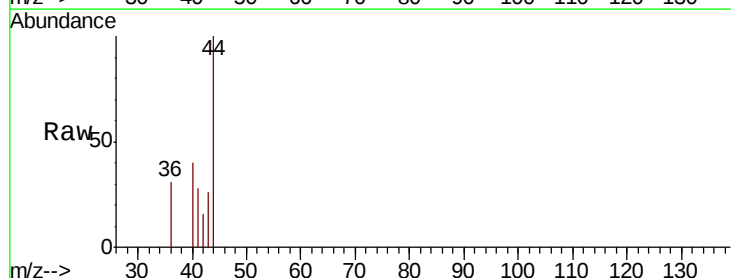
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 0.0 21.6 32.4#

61 0.0 19.1 28.7#

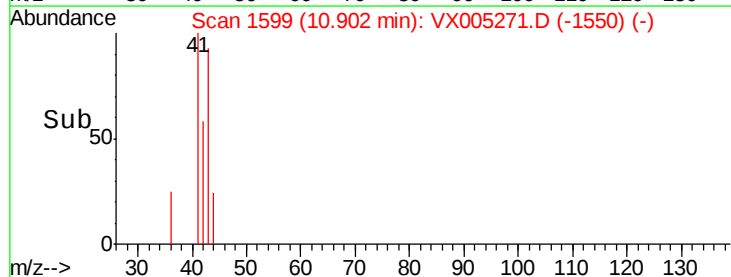
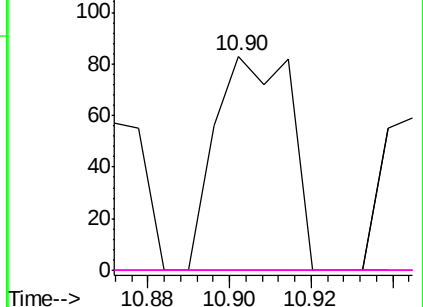


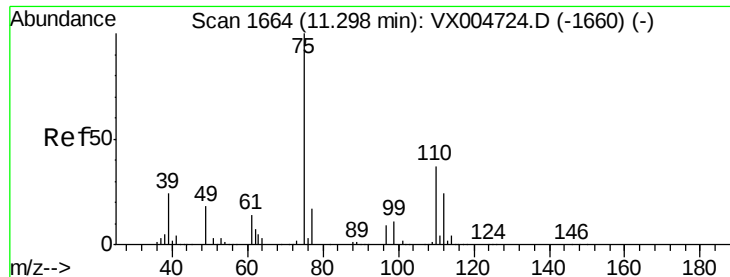
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 20.336 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

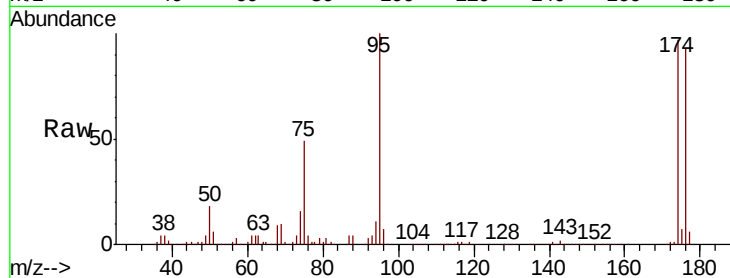
RE-137-745FT-2018109

Tot Ion: 75 Resp: 66839

Ion Ratio Lower Upper

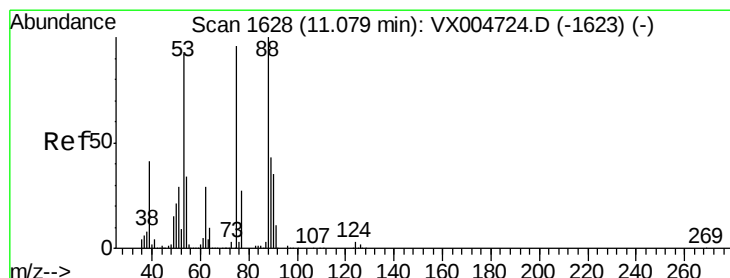
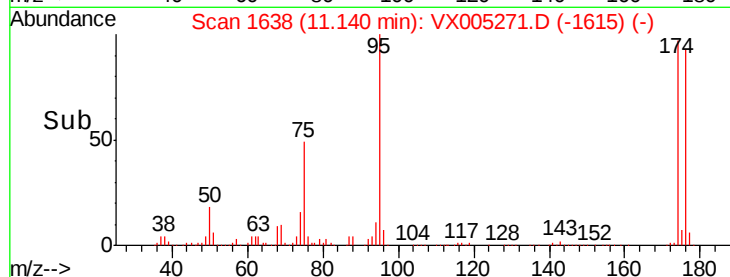
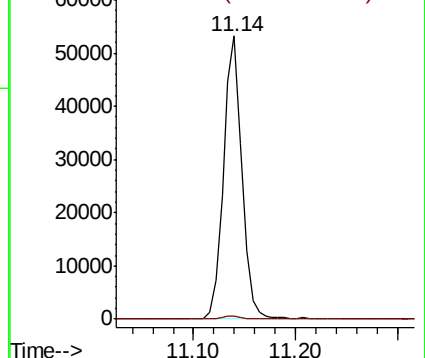
75 100

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: 55.246 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

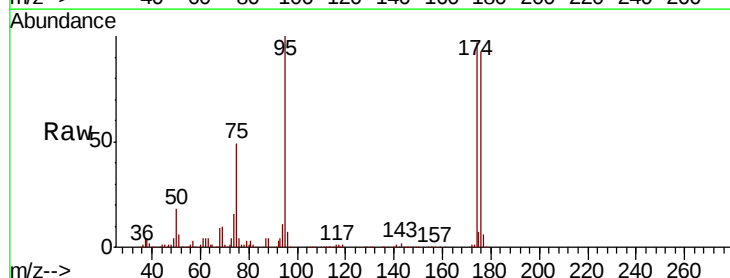
Tgt Ion: 75 Resp: 66839

Ion Ratio Lower Upper

75 100

53 0.3 80.2 120.4#

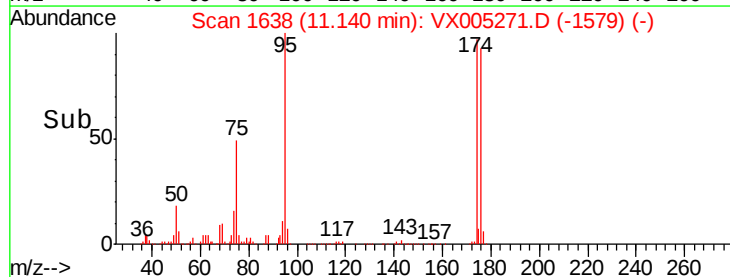
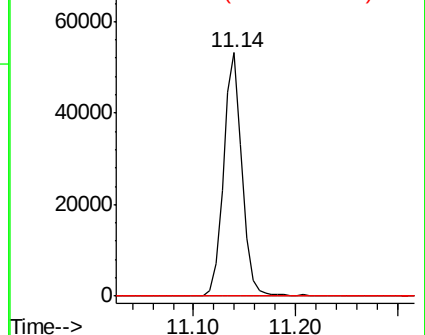
89 0.0 37.1 55.7#

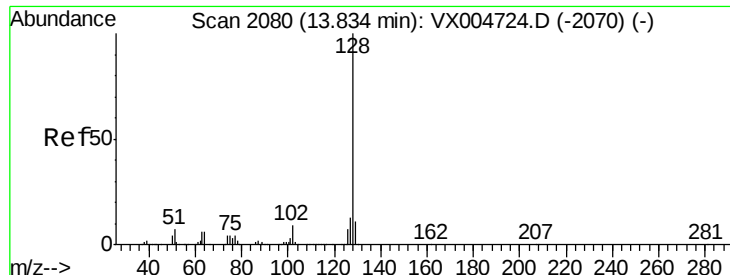


Abundance Ion 74.90 (74.60 to 75.60): VX0

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: VX005271.D
Acq: 11 Oct 2018 23:07

Instrument :
MSVOA_X
ClientSampleId :
RE-137-745FT-2018109

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#

