

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006584.D
 Acq On : 17 Dec 2018 20:19
 Operator : JC/MD
 Sample : J6405-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MSD

Quant Time: Dec 18 00:42:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	561814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	881207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	814685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	416278	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	286368	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
35) Dibromofluoromethane	5.50	113	269181	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	
50) Toluene-d8	8.71	98	956980	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
62) 4-Bromofluorobenzene	11.13	95	364955	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	253853	46.147	ug/l	100
3) Chloromethane	1.33	50	268471	47.492	ug/l	96
4) Vinyl Chloride	1.41	62	291756	47.954	ug/l	99
5) Bromomethane	1.64	94	287117	68.095	ug/l	100
6) Chloroethane	1.71	64	189253	50.733	ug/l	100
7) Trichlorofluoromethane	1.93	101	459159	49.165	ug/l	97
8) Diethyl Ether	2.19	74	178478	50.496	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	287277	54.097	ug/l	99
10) Methyl Iodide	2.51	142	415183	51.878	ug/l	98
11) Tert butyl alcohol	3.08	59	383567	244.551	ug/l	98
12) 1,1-Dichloroethene	2.37	96	257160	50.586	ug/l	92
13) Acrolein	2.30	56	243780	284.371	ug/l	99
14) Allyl chloride	2.73	41	430072	42.826	ug/l	97
15) Acrylonitrile	3.15	53	815960	249.302	ug/l	100
16) Acetone	2.45	43	678369	252.041	ug/l	99
17) Carbon Disulfide	2.57	76	653832	41.739	ug/l	100
18) Methyl Acetate	2.78	43	436117	48.452	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	894885	49.345	ug/l	99
20) Methylene Chloride	2.85	84	288346	50.338	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	273426	50.471	ug/l	91
22) Diisopropyl ether	3.87	45	818748	52.198	ug/l	99
23) Vinyl Acetate	3.82	43	3037519	227.046	ug/l	100
24) 1,1-Dichloroethane	3.70	63	465569	51.929	ug/l	99
25) 2-Butanone	4.70	43	1023209	266.434	ug/l	100
26) 2,2-Dichloropropane	4.59	77	306878	37.089	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	326964	54.107	ug/l	97
28) Bromochloromethane	5.02	49	192924	49.265	ug/l	99
29) Tetrahydrofuran	5.15	42	697335	261.266	ug/l	98
30) Chloroform	5.21	83	506960	53.808	ug/l	95
31) Cyclohexane	5.57	56	411671	49.686	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	434159	48.432	ug/l	99
36) 1,1-Dichloropropene	5.80	75	366577	49.400	ug/l	99
37) Ethyl Acetate	4.85	43	363354	43.724	ug/l	98
38) Carbon Tetrachloride	5.78	117	359414	41.171	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	451298	46.852	ug/l	99
40) Benzene	6.14	78	1127113	50.713	ug/l	99
41) Methacrylonitrile	5.06	41	221028	48.336	ug/l	98
42) 1,2-Dichloroethane	6.20	62	378537	52.040	ug/l	99
43) Isopropyl Acetate	6.46	43	603115	43.529	ug/l	99
44) Trichloroethene	7.21	130	1151739	171.057	ug/l	96
45) 1,2-Dichloropropane	7.52	63	279397	49.462	ug/l	100
46) Dibromomethane	7.66	93	201279	49.338	ug/l	95
47) Bromodichloromethane	7.90	83	350209	44.329	ug/l	98
48) Methyl methacrylate	7.77	41	315634	46.826	ug/l	97
49) 1,4-Dioxane	7.75	88	175716	1057.701	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2011500	249.384	ug/l	99
52) Toluene	8.79	92	745130	50.959	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	379648	41.090	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	414797	43.235	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	311812	52.491	ug/l	99
56) Ethyl methacrylate	9.18	69	438006	47.165	ug/l	98
57) 1,3-Dichloropropane	9.37	76	488081	51.960	ug/l	100
59) 2-Hexanone	9.49	43	1524036	247.314	ug/l	100
60) Dibromochloromethane	9.59	129	302977	41.362	ug/l	100
61) 1,2-Dibromoethane	9.67	107	333935	50.275	ug/l	99
64) Tetrachloroethene	9.34	164	309853	50.503	ug/l	97
65) Chlorobenzene	10.14	112	871274	50.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	292626	43.550	ug/l	99
67) Ethyl Benzene	10.25	91	1433391	49.834	ug/l	100
68) m/p-Xylenes	10.36	106	1139654	98.913	ug/l	99
69) o-Xylene	10.70	106	562618	49.436	ug/l	99
70) Styrene	10.71	104	903648	49.093	ug/l	99
71) Bromoform	10.86	173	219519	34.609	ug/l	99
73) Isopropylbenzene	11.02	105	1480705	51.507	ug/l	100
74) N-amyl acetate	10.90	43	493764	39.886	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	455263	49.501	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	499532	62.171	ug/l	87
77) Bromobenzene	11.26	156	401287	50.299	ug/l	99
78) n-propylbenzene	11.36	91	1633319	51.112	ug/l	99
79) 2-Chlorotoluene	11.42	91	968083	50.970	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1218992	50.964	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	109254	31.910	ug/l #	81
82) 4-Chlorotoluene	11.51	91	1117722	50.615	ug/l	99
83) tert-Butylbenzene	11.77	119	1260880	49.407	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1263157	51.143	ug/l	99
85) sec-Butylbenzene	11.94	105	1492991	51.424	ug/l	100
86) p-Isopropyltoluene	12.06	119	1326833	50.752	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	715358	50.393	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	700426	48.613	ug/l	98
89) n-Butylbenzene	12.39	91	1103446	49.467	ug/l	99
90) Hexachloroethane	12.60	117	186808	35.060	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	698497	49.578	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	94273	39.987	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	485421	47.226	ug/l	99

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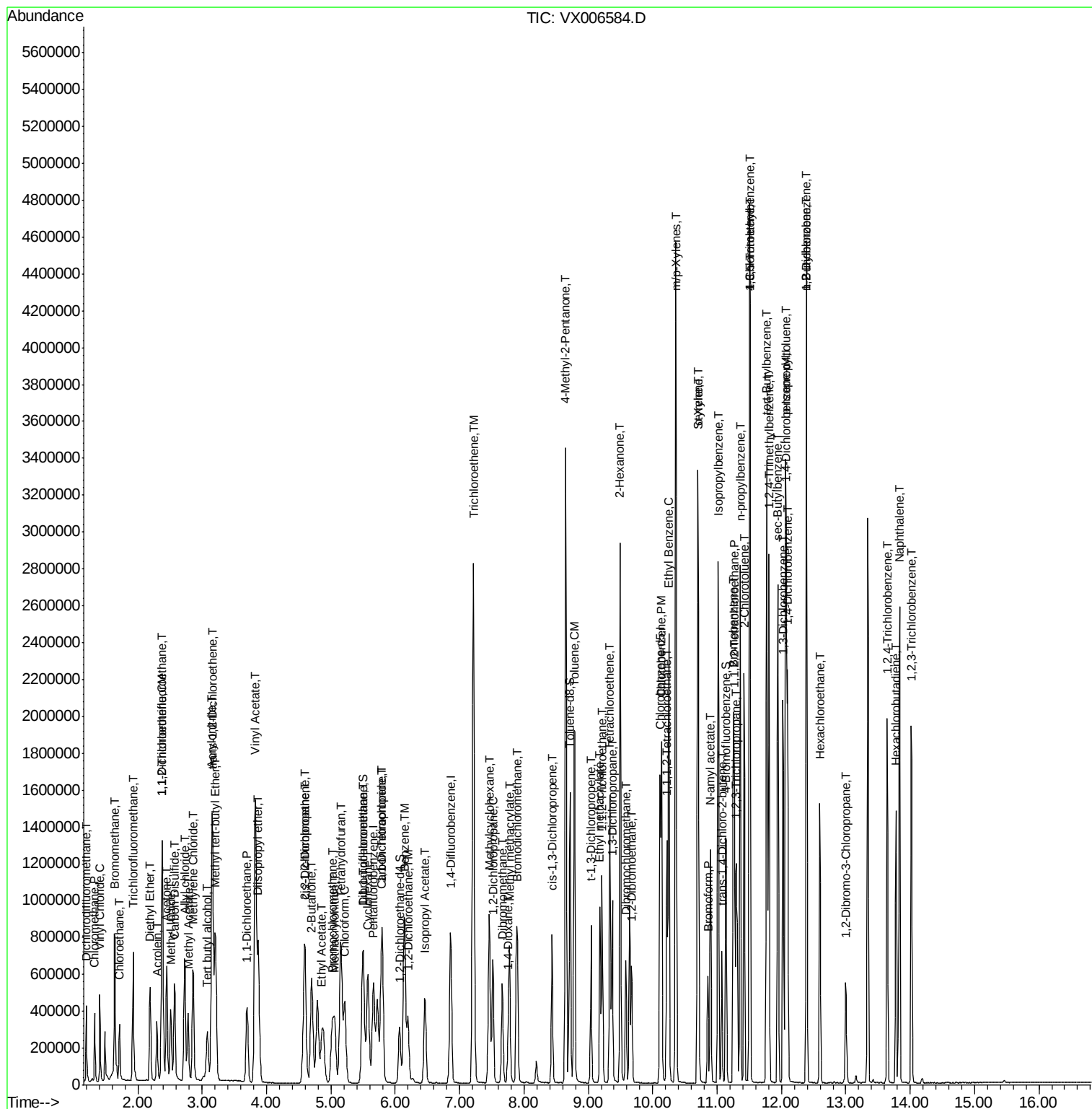
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	212915	46.840	ug/l	99
95) Naphthalene	13.83	128	1602763	50.129	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	498667	48.982	ug/l	98

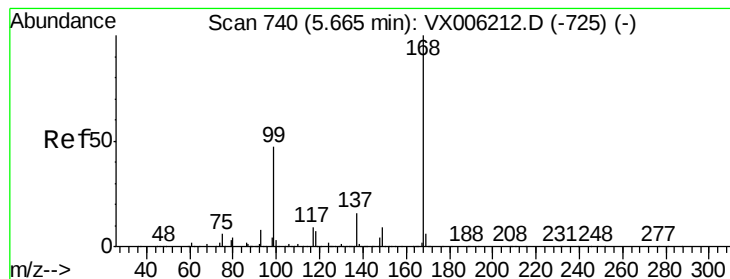
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121718\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

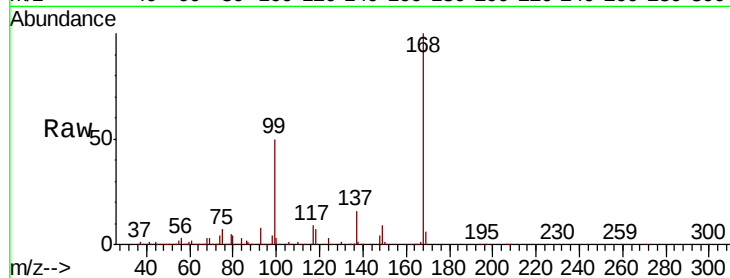
RE105D1-20181210MSD

Tot Ion:168 Resp: 561814

Ion Ratio Lower Upper

168 100

99 50.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

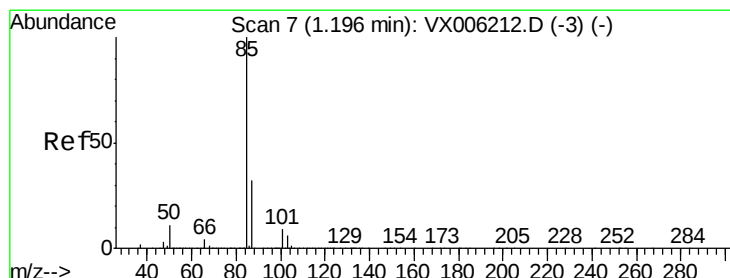
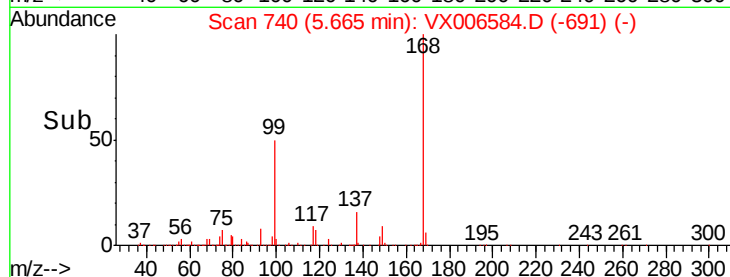
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.147 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006584.D

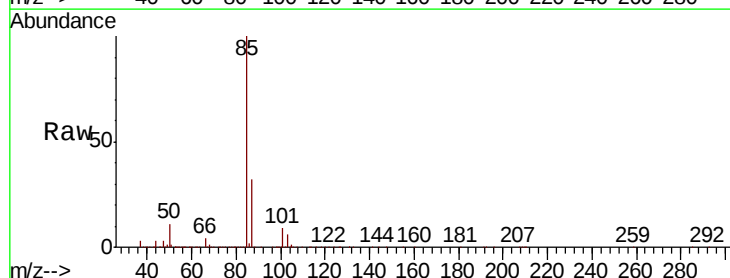
Acq: 17 Dec 2018 20:19

Tgt Ion: 85 Resp: 253853

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

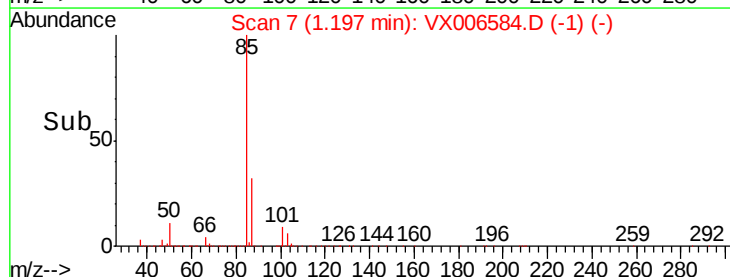
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.492 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

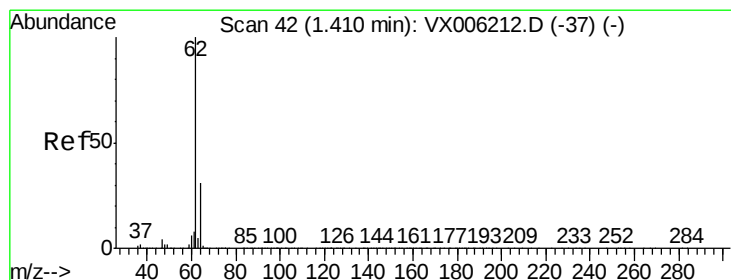
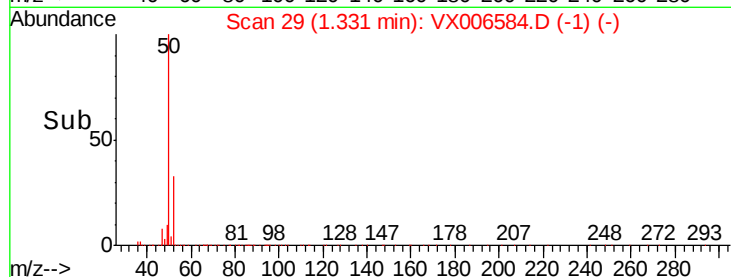
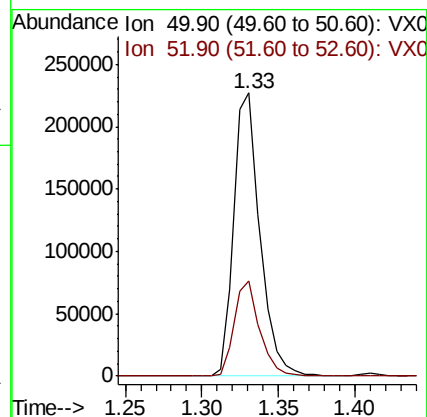
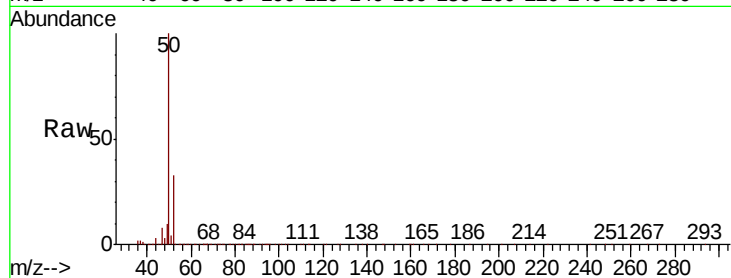
RE105D1-20181210MSD

Tot Ion: 50 Resp: 268471

Ion Ratio Lower Upper

50 100

52 33.4 25.2 37.8



#4

Vinyl Chloride

Concen: 47.954 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006584.D

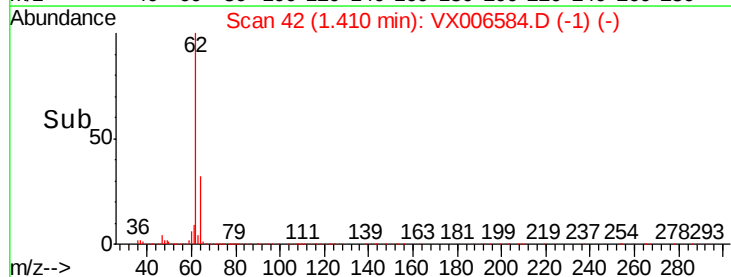
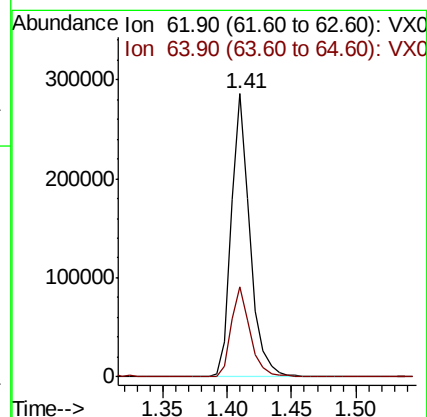
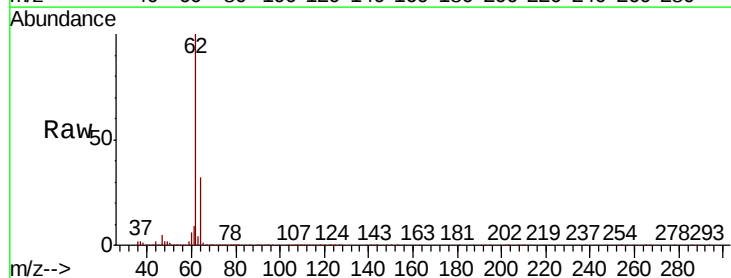
Acq: 17 Dec 2018 20:19

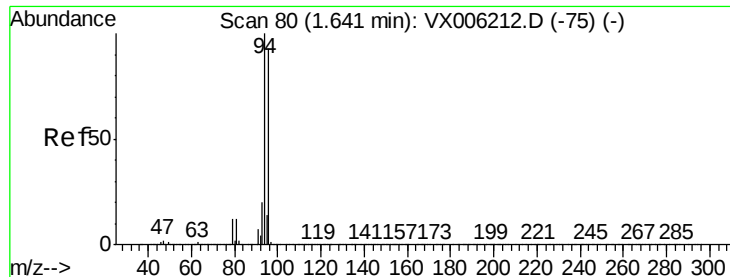
Tgt Ion: 62 Resp: 291756

Ion Ratio Lower Upper

62 100

64 31.6 24.9 37.3





#5

Bromomethane

Concen: 68.095 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

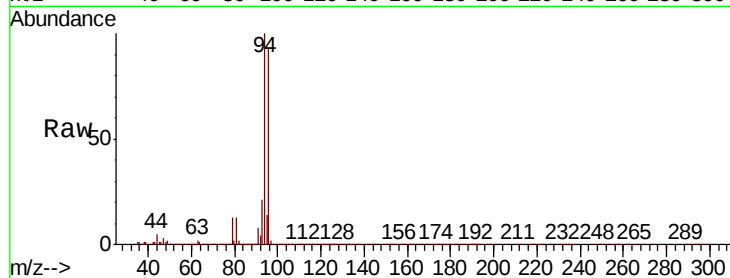
RE105D1-20181210MSD

Tot Ion: 94 Resp: 287117

Ion Ratio Lower Upper

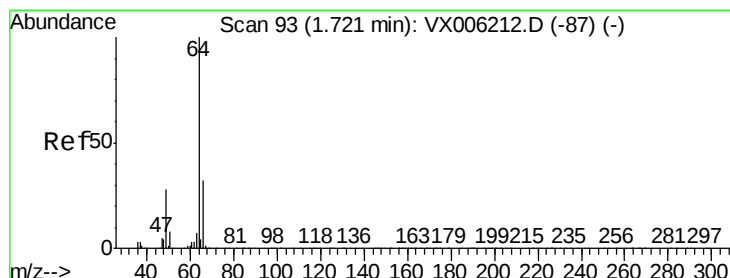
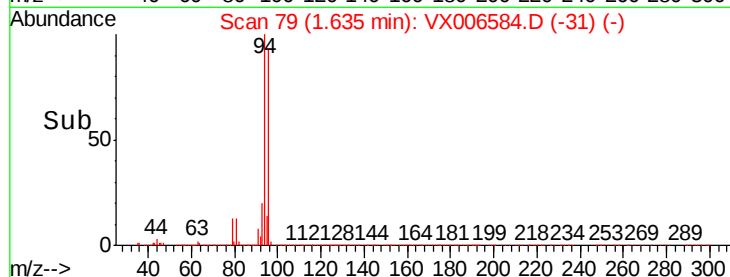
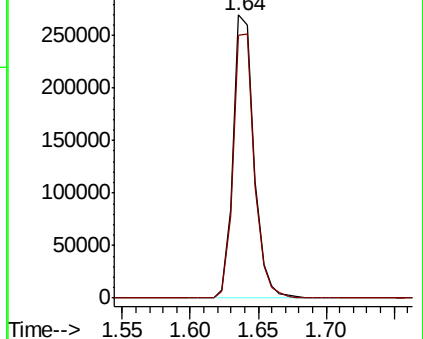
94 100

96 92.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.733 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006584.D

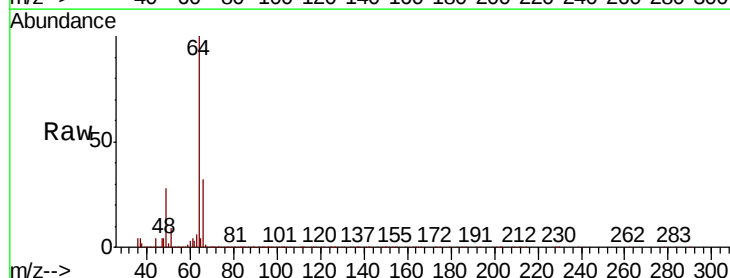
Acq: 17 Dec 2018 20:19

Tgt Ion: 64 Resp: 189253

Ion Ratio Lower Upper

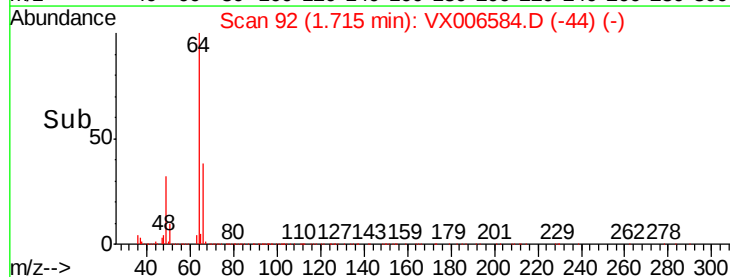
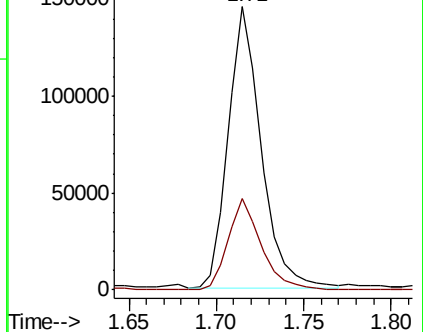
64 100

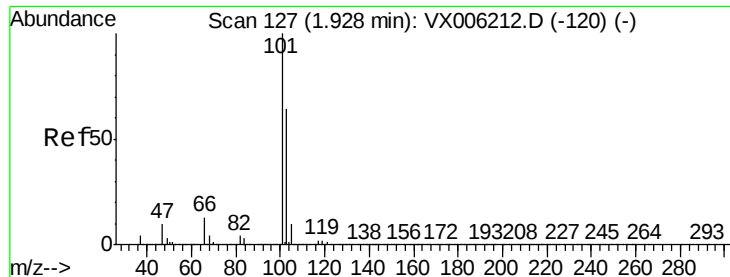
66 32.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



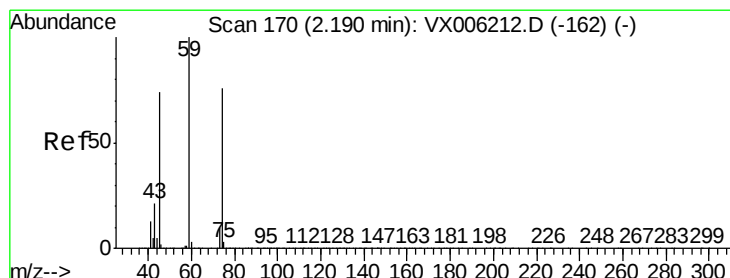
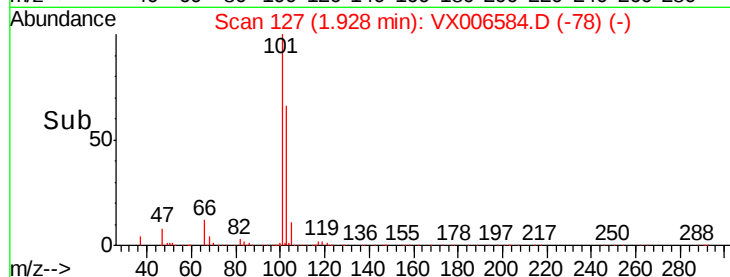
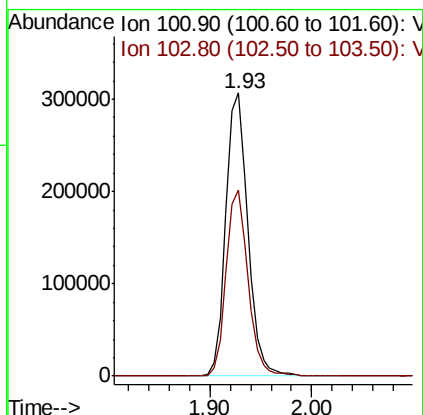
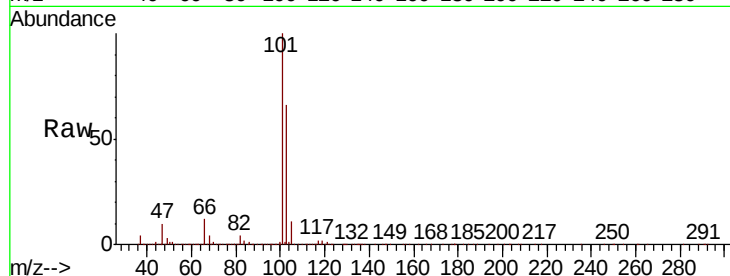


#7

Trichlorofluoromethane
Concen: 49.165 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

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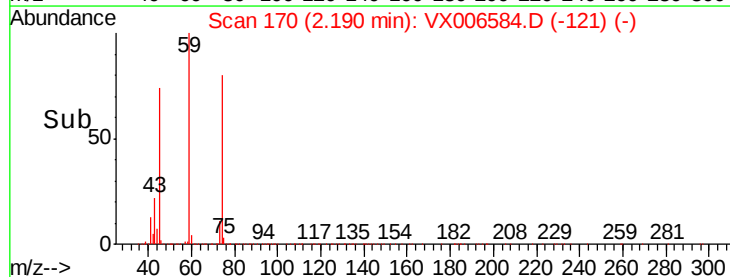
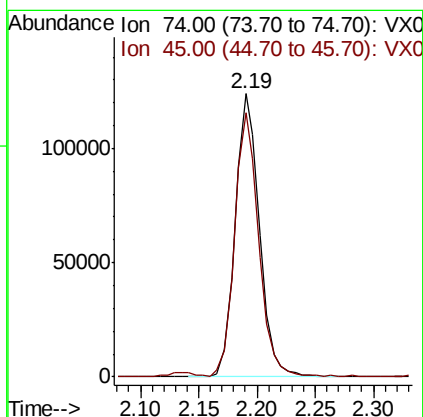
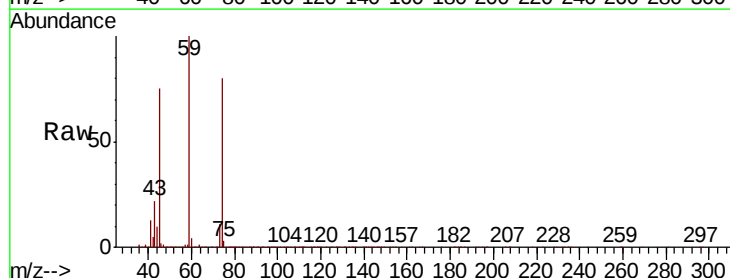
Tot Ion:101 Resp: 459159
Ion Ratio Lower Upper
101 100
103 65.9 51.0 76.4

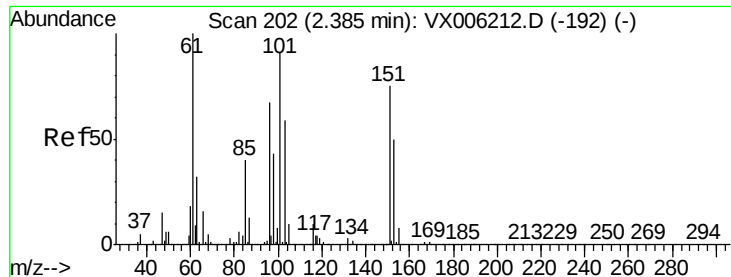


#8

Diethyl Ether
Concen: 50.496 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion: 74 Resp: 178478
Ion Ratio Lower Upper
74 100
45 92.0 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.097 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

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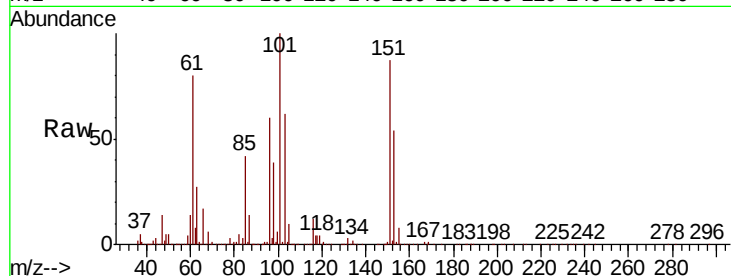
Tot Ion:101 Resp: 287277

Ion Ratio Lower Upper

101 100

85 42.9 35.5 53.3

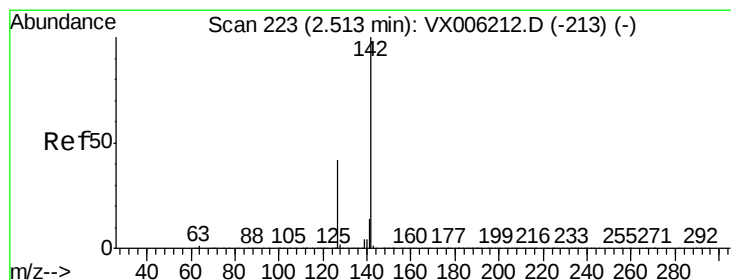
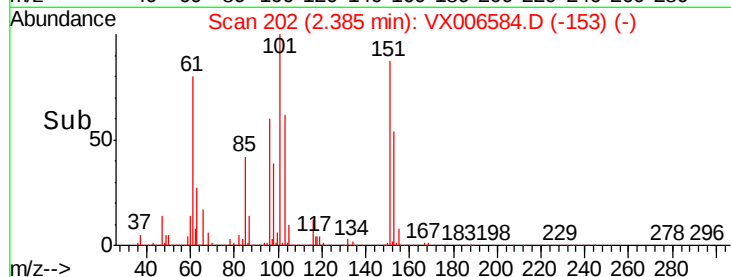
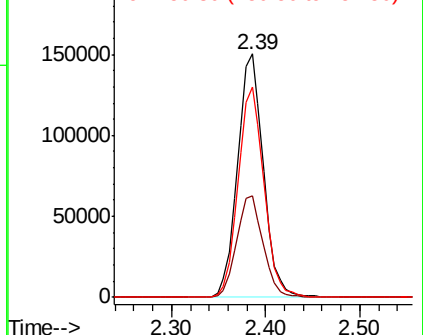
151 86.5 68.6 103.0



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



#10

Methyl Iodide

Concen: 51.878 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

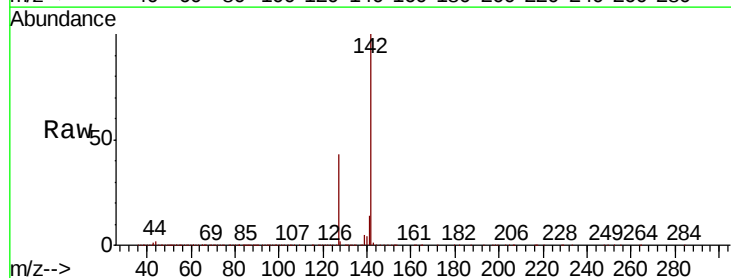
Tgt Ion:142 Resp: 415183

Ion Ratio Lower Upper

142 100

127 42.1 34.8 52.2

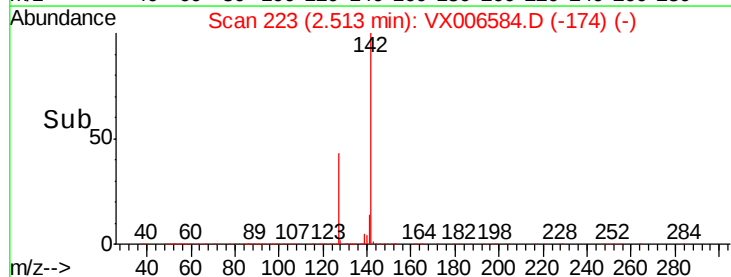
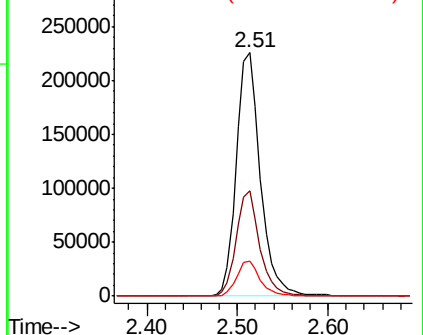
141 14.2 11.4 17.2

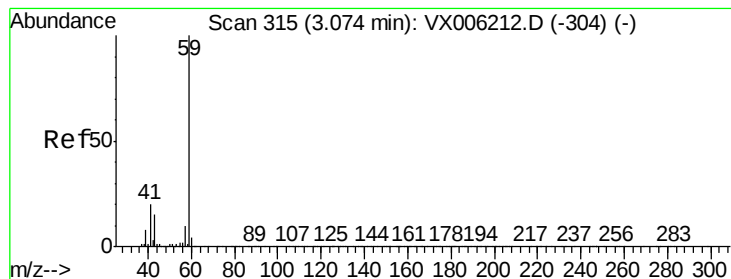


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



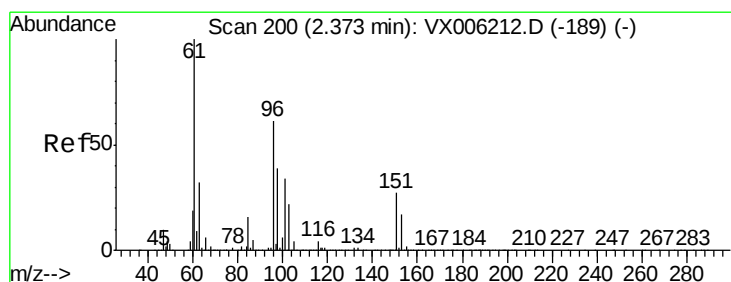
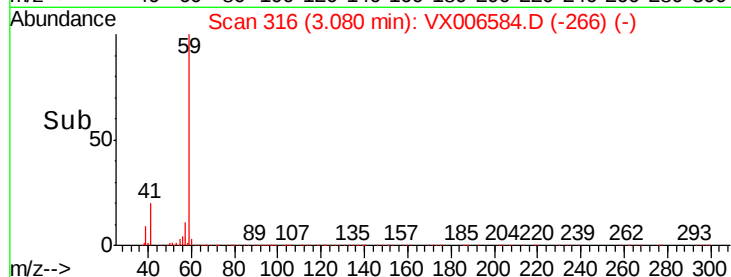
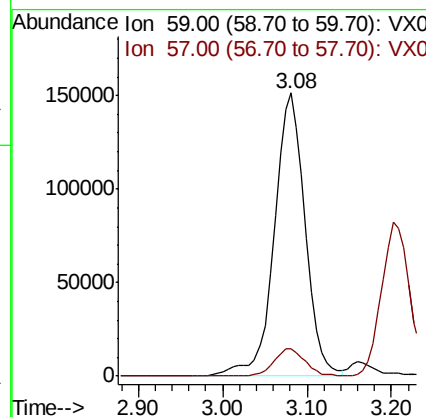
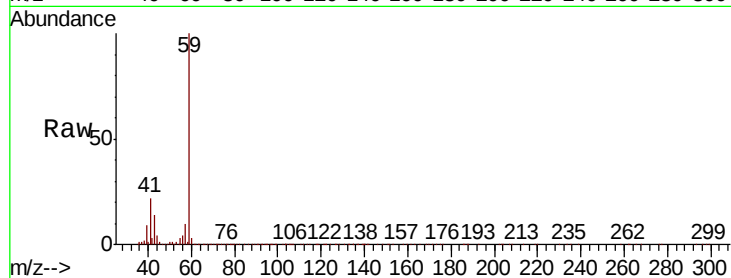


#11

Tert butyl alcohol
Concen: 244.551 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

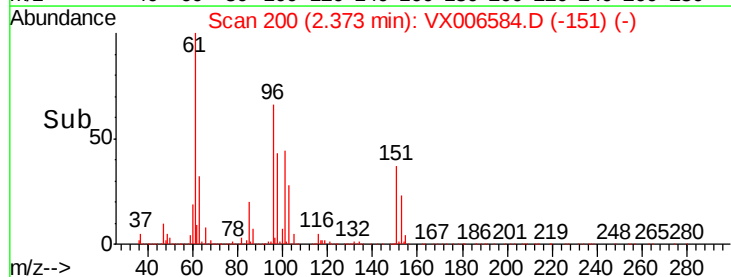
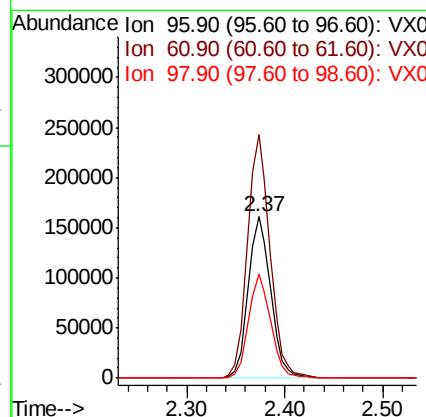
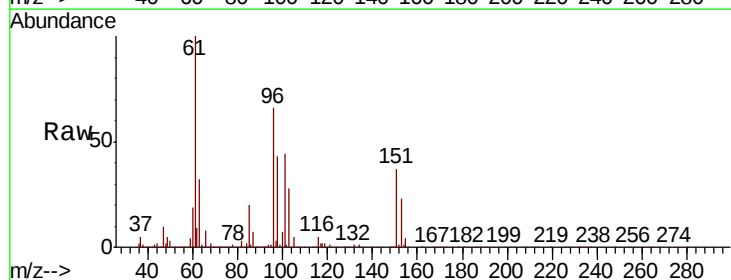
Tot Ion: 59 Resp: 383567
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.2

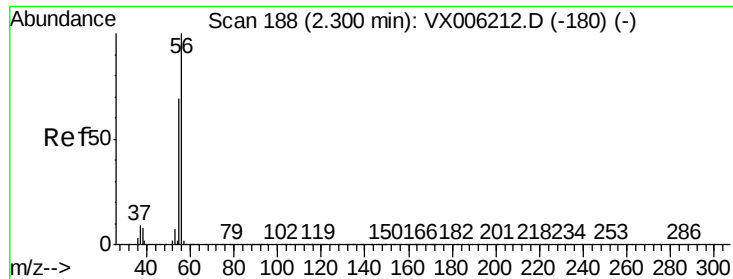


#12

1,1-Dichloroethene
Concen: 50.586 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion: 96 Resp: 257160
Ion Ratio Lower Upper
96 100
61 150.8 131.7 197.5
98 64.2 51.8 77.6





#13

Acrolein

Concen: 284.371 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

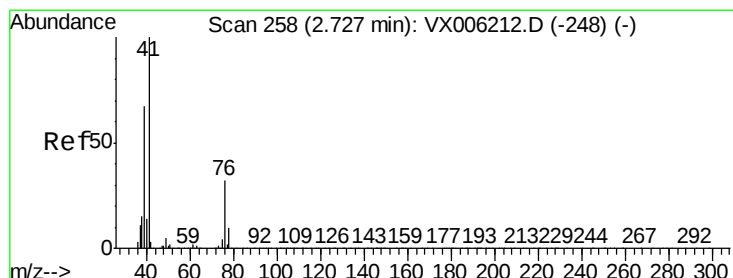
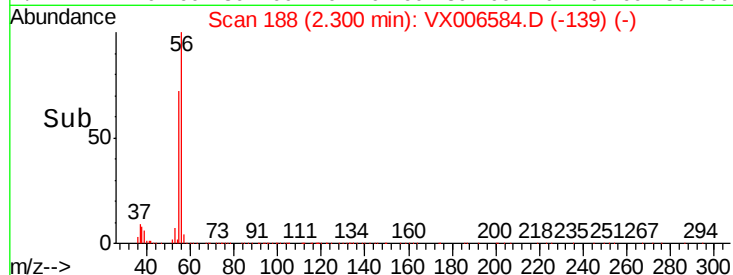
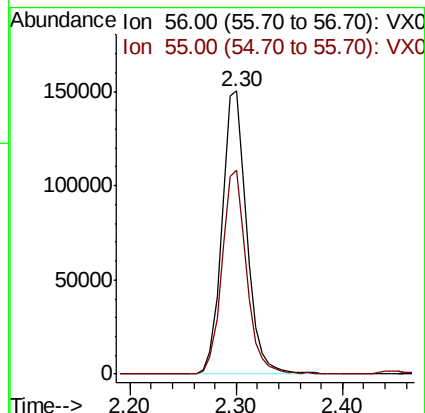
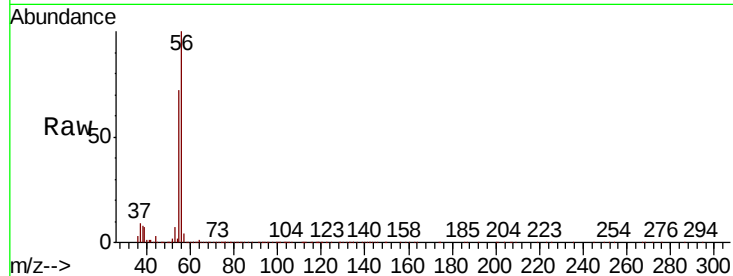
RE105D1-20181210MSD

Tot Ion: 56 Resp: 243780

Ion Ratio Lower Upper

56 100

55 71.4 57.8 86.6



#14

Allyl chloride

Concen: 42.826 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

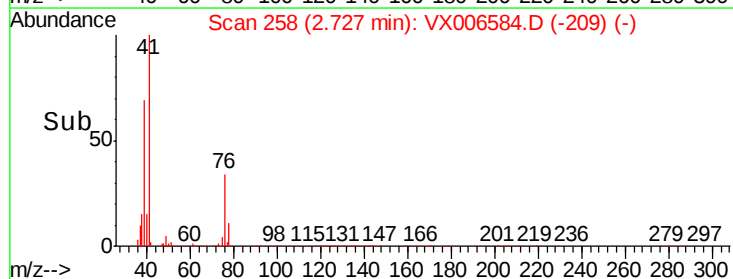
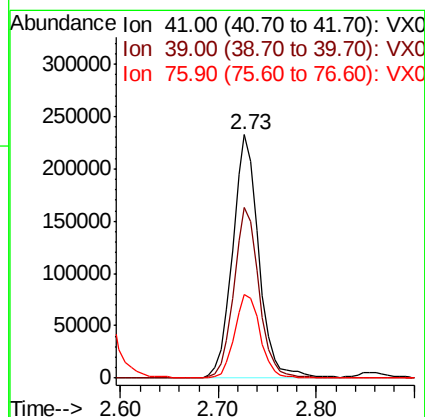
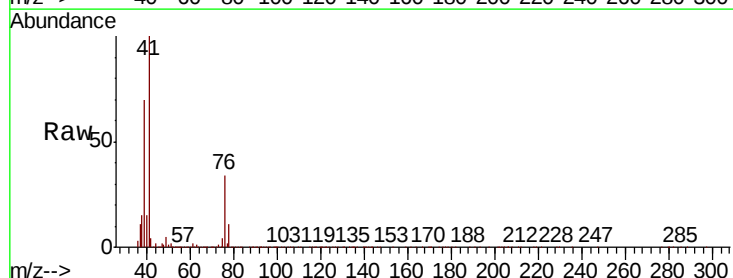
Tgt Ion: 41 Resp: 430072

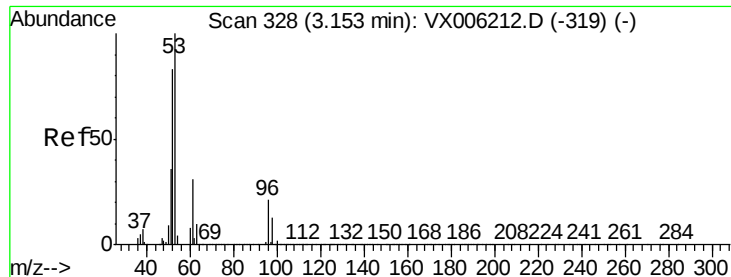
Ion Ratio Lower Upper

41 100

39 67.4 52.4 78.6

76 33.6 25.4 38.0





#15

Acrylonitrile

Concen: 249.302 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

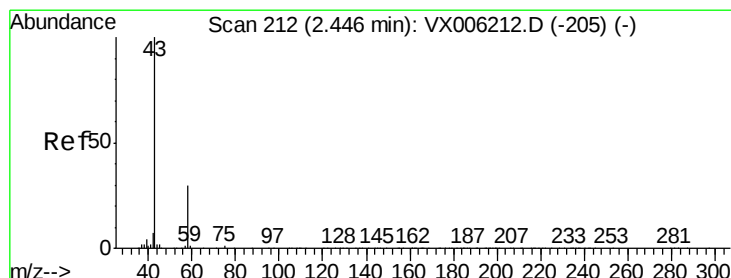
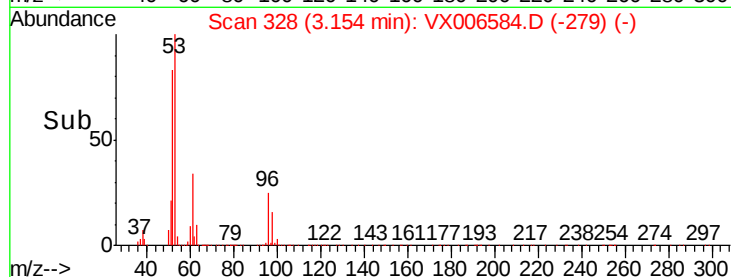
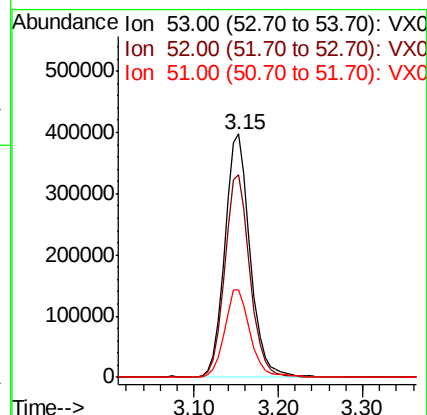
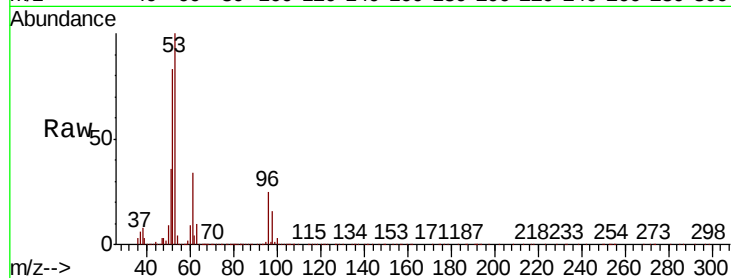
Tot Ion: 53 Resp: 815960

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.4

51 36.2 28.7 43.1



#16

Acetone

Concen: 252.041 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006584.D

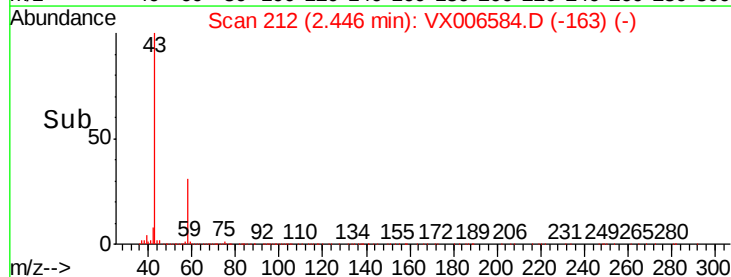
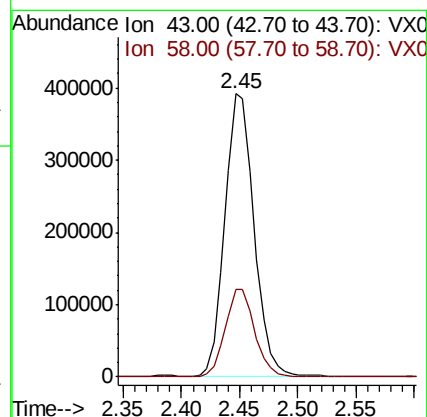
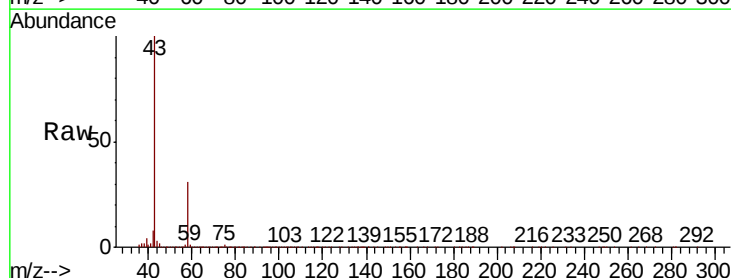
Acq: 17 Dec 2018 20:19

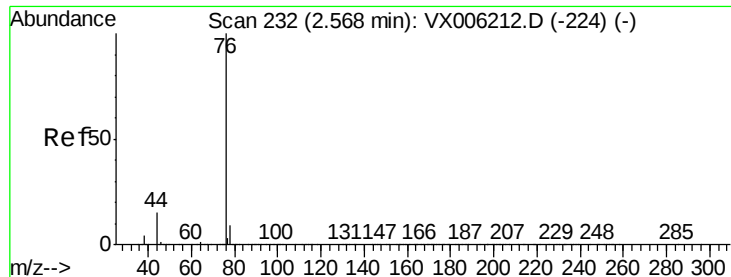
Tgt Ion: 43 Resp: 678369

Ion Ratio Lower Upper

43 100

58 30.7 24.0 36.0





#17

Carbon Disulfide

Concen: 41.739 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

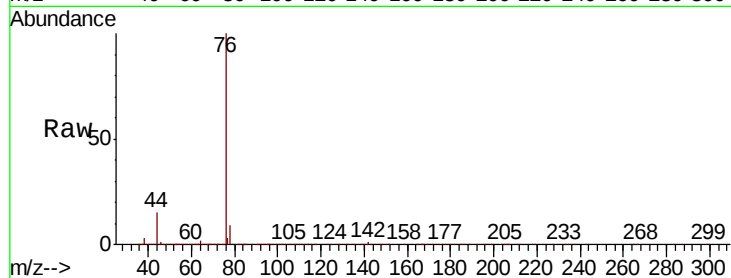
RE105D1-20181210MSD

Tot Ion: 76 Resp: 653832

Ion Ratio Lower Upper

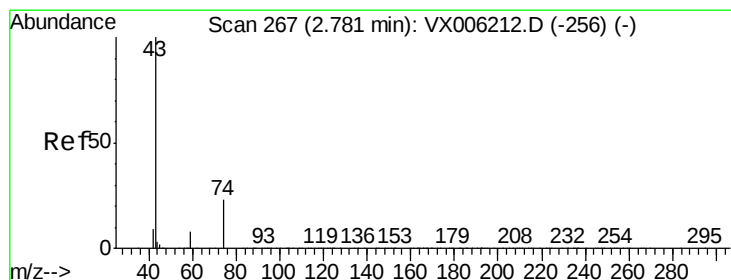
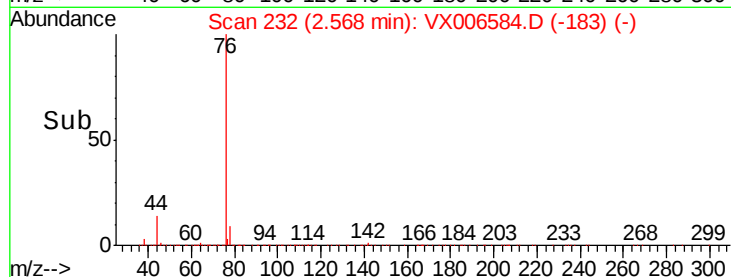
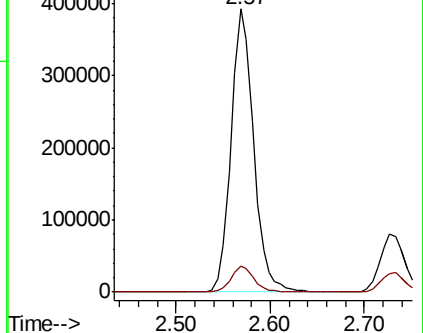
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.452 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006584.D

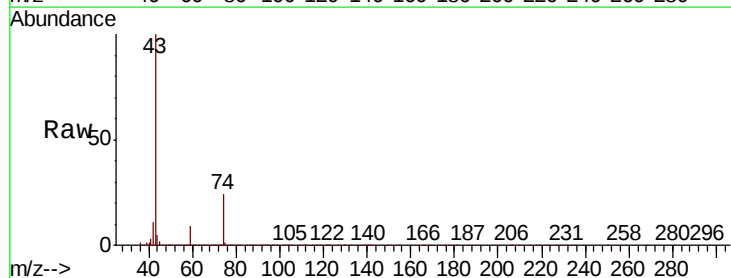
Acq: 17 Dec 2018 20:19

Tgt Ion: 43 Resp: 436117

Ion Ratio Lower Upper

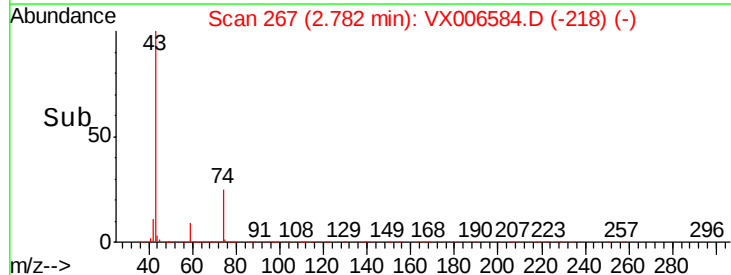
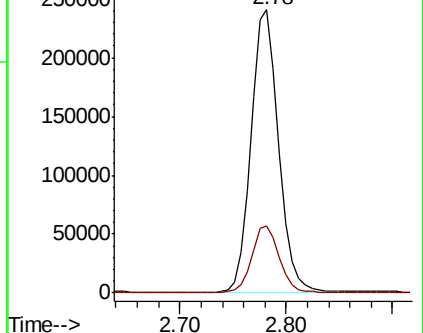
43 100

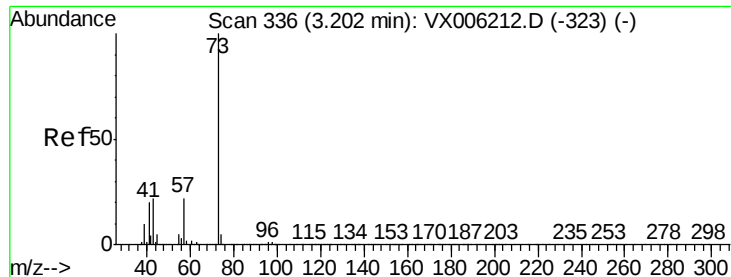
74 24.4 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



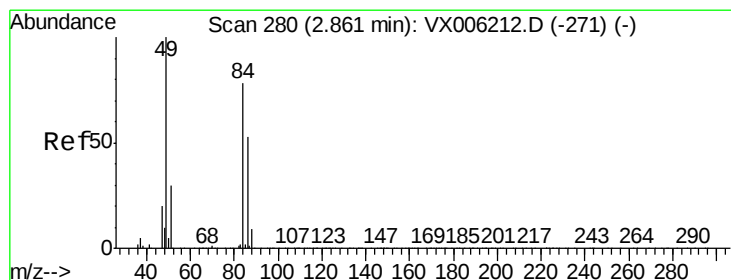
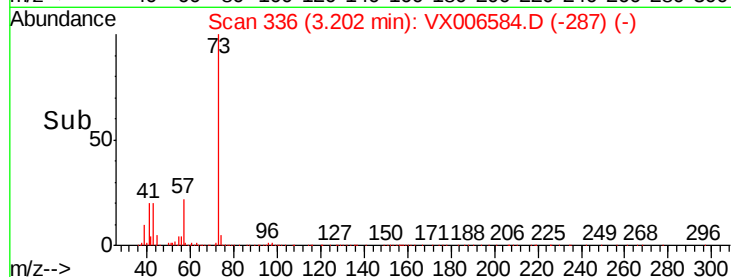
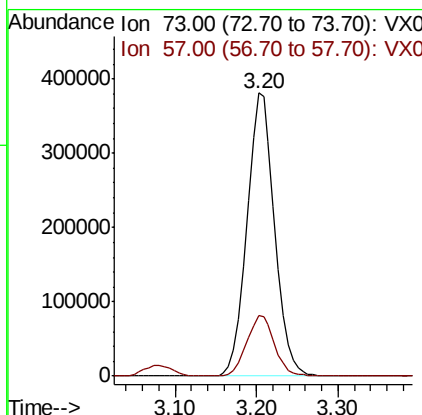
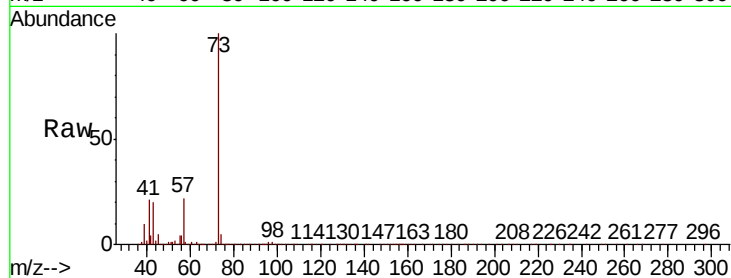


#19

Methyl tert-butyl Ether
 Concen: 49.345 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006584.D
 Acq: 17 Dec 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MSD

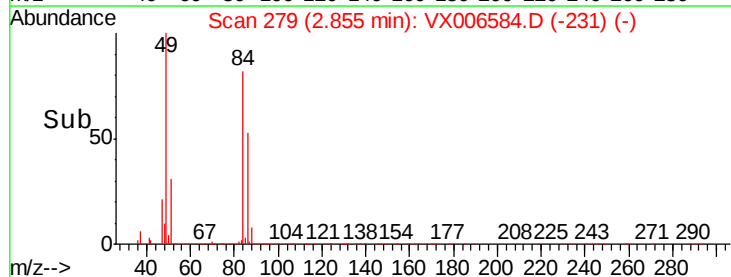
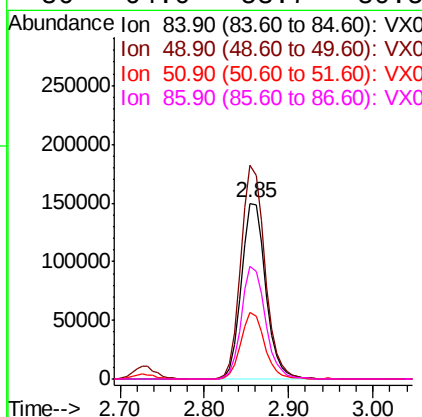
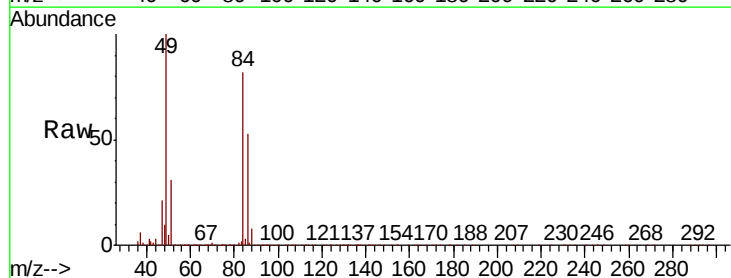
Tot Ion: 73 Resp: 894885
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.5 26.3

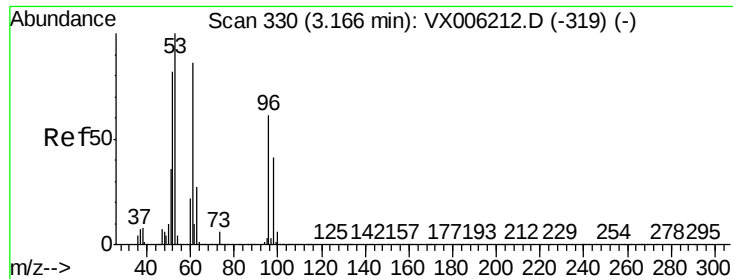


#20

Methylene Chloride
 Concen: 50.338 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006584.D
 Acq: 17 Dec 2018 20:19

Tgt Ion: 84 Resp: 288346
 Ion Ratio Lower Upper
 84 100
 49 121.2 102.2 153.4
 51 37.9 31.1 46.7
 86 64.0 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 50.471 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

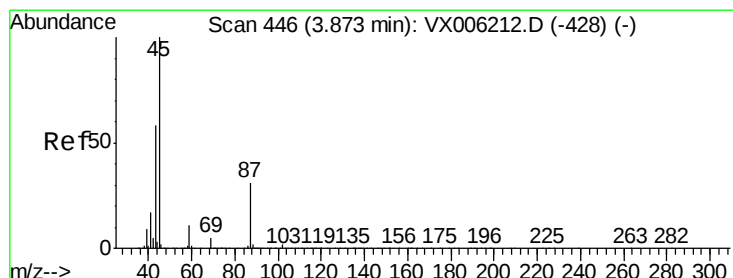
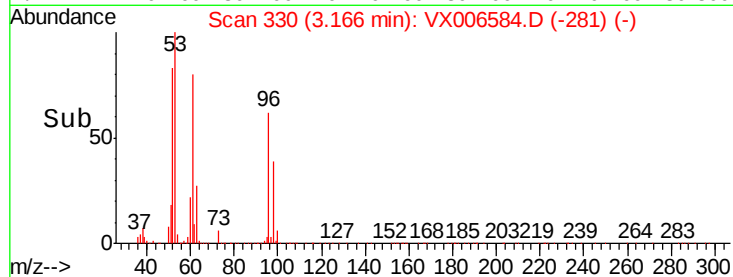
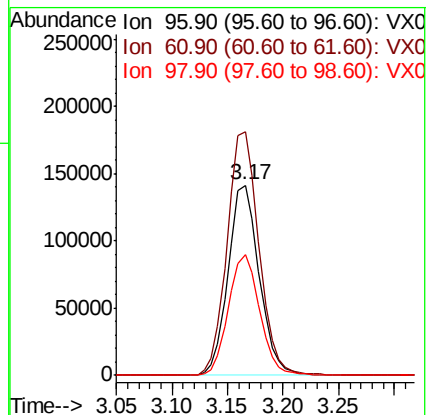
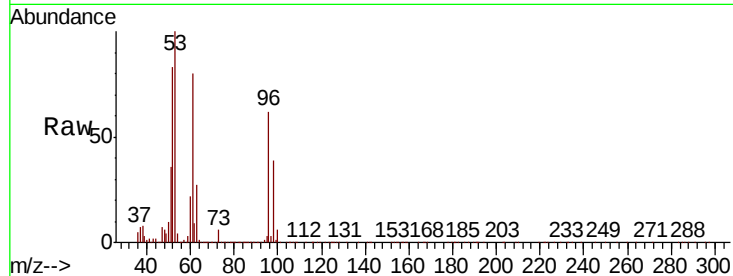
Tot Ion: 96 Resp: 273426

Ion Ratio Lower Upper

96 100

61 127.8 113.3 169.9

98 63.1 53.2 79.8



#22

Diisopropyl ether

Concen: 52.198 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Tgt Ion: 45 Resp: 818748

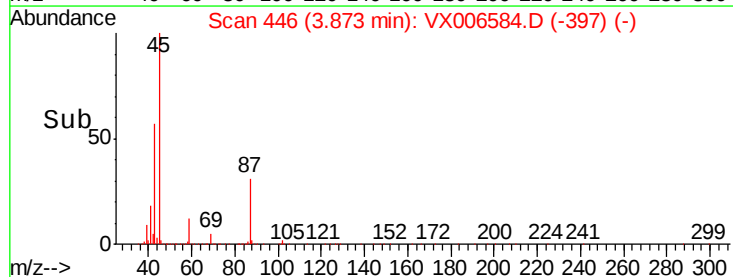
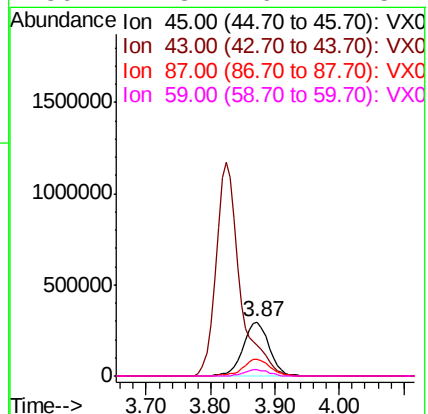
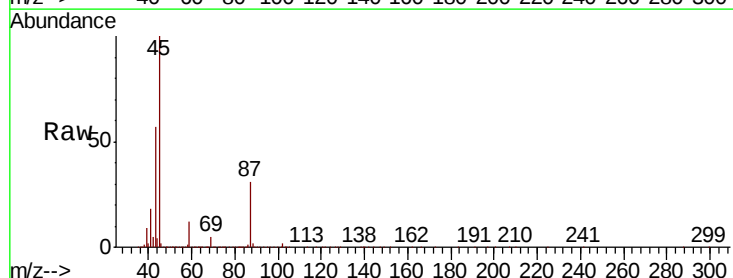
Ion Ratio Lower Upper

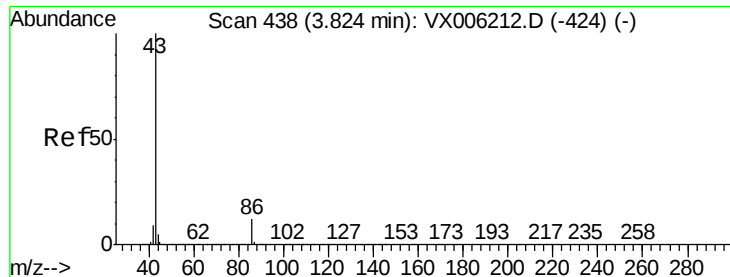
45 100

43 56.5 46.2 69.2

87 31.5 24.9 37.3

59 12.3 9.1 13.7





#23

Vinyl Acetate

Concen: 227.046 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

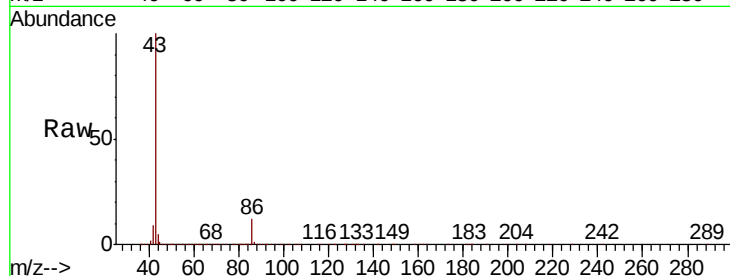
RE105D1-20181210MSD

Tot Ion: 43 Resp: 3037519

Ion Ratio Lower Upper

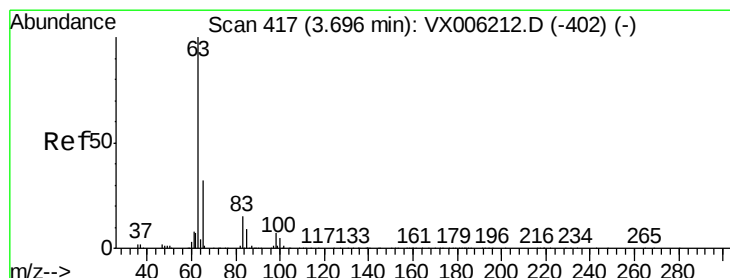
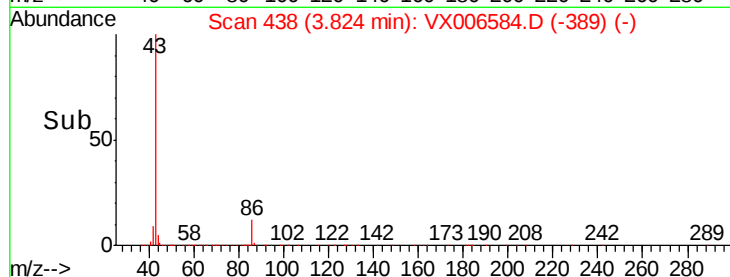
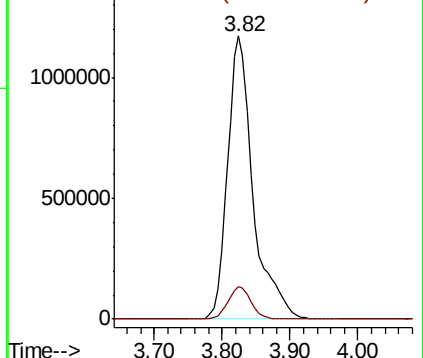
43 100

86 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.929 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

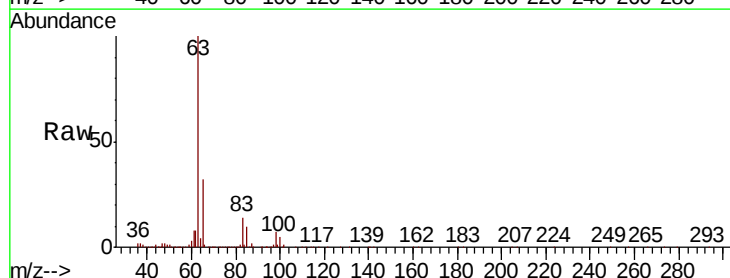
Tgt Ion: 63 Resp: 465569

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

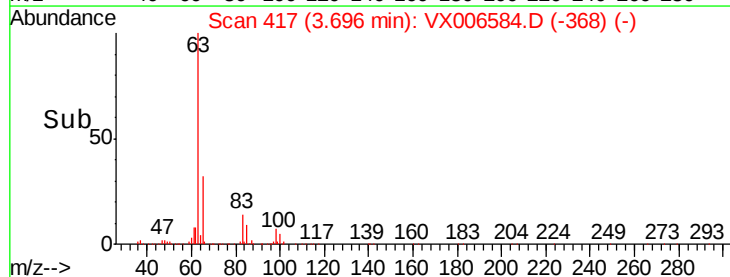
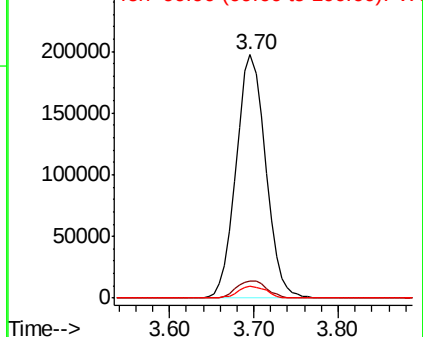
100 4.7 2.5 7.4

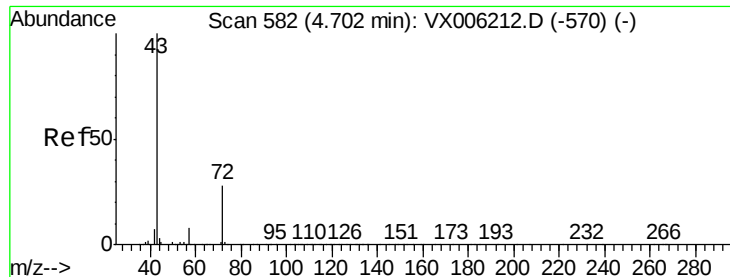


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 266.434 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

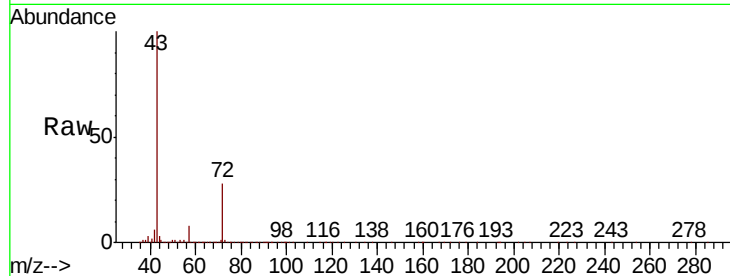
RE105D1-20181210MSD

Tot Ion: 43 Resp: 1023209

Ion Ratio Lower Upper

43 100

72 28.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

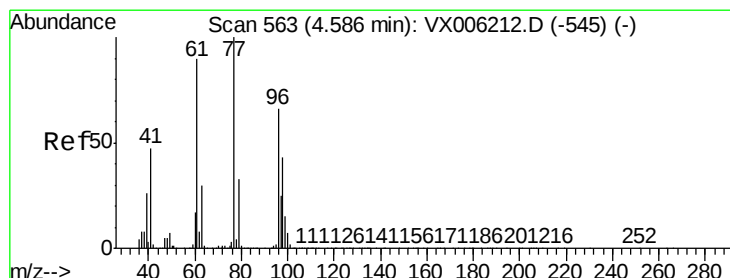
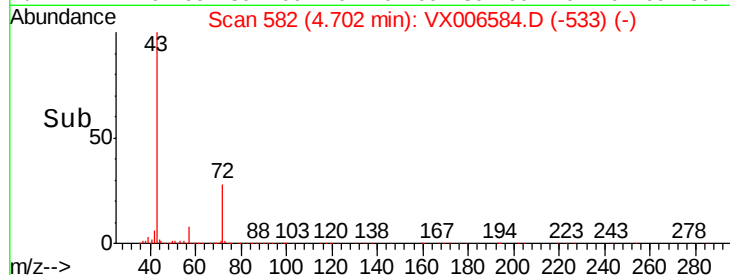
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 37.089 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006584.D

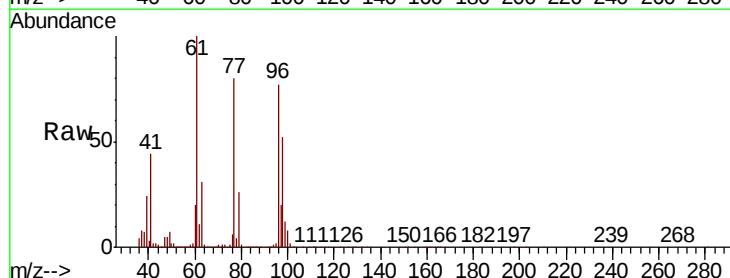
Acq: 17 Dec 2018 20:19

Tgt Ion: 77 Resp: 306878

Ion Ratio Lower Upper

77 100

97 25.8 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

100000

80000

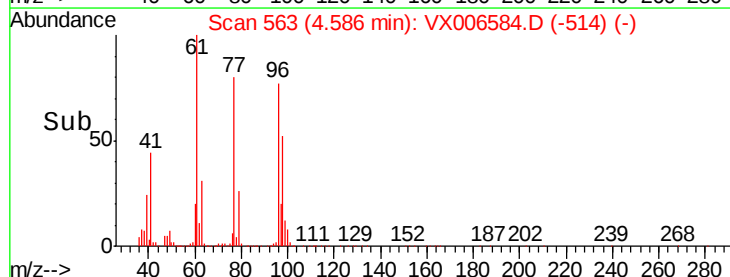
60000

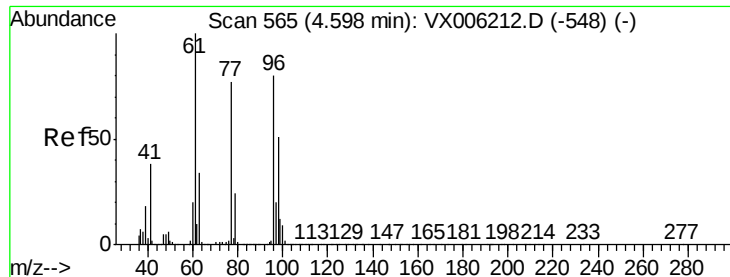
40000

20000

0

Time-->



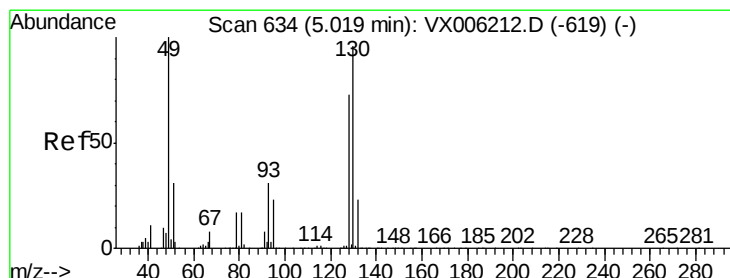
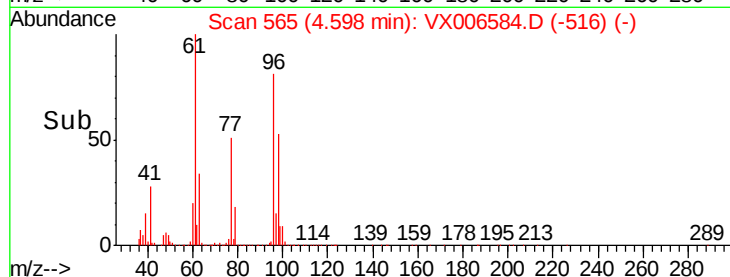
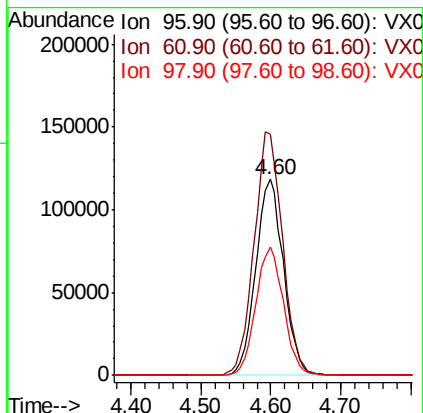
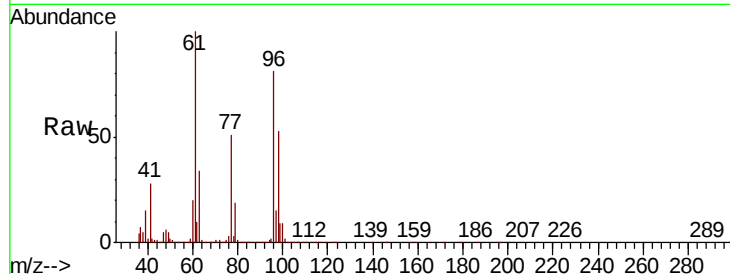


#27

cis-1,2-Dichloroethene
Concen: 54.107 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

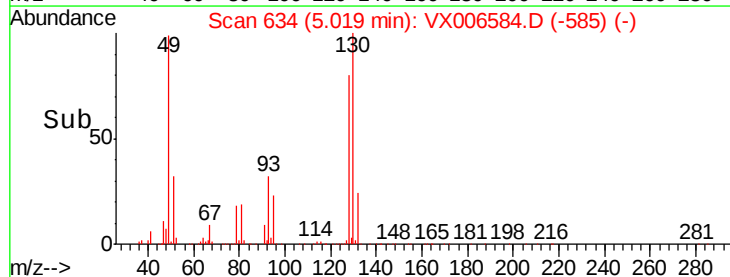
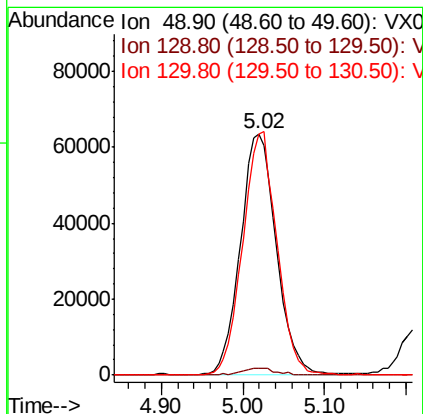
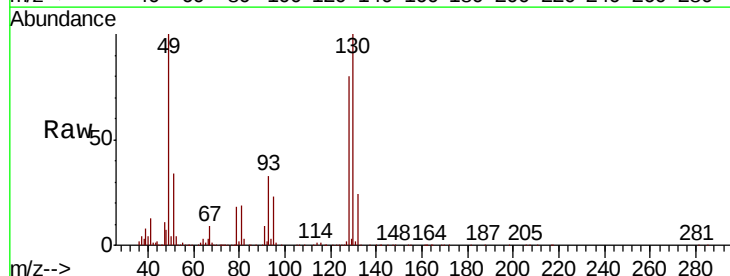
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.7	0.0	265.0
98	65.1	0.0	130.2

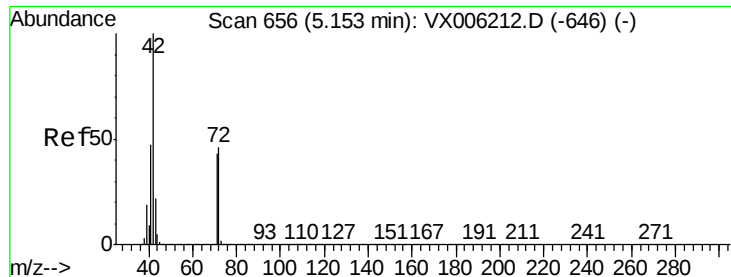


#28

Bromochloromethane
Concen: 49.265 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	96.7	78.3	117.5





#29

Tetrahydrofuran

Concen: 261.266 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

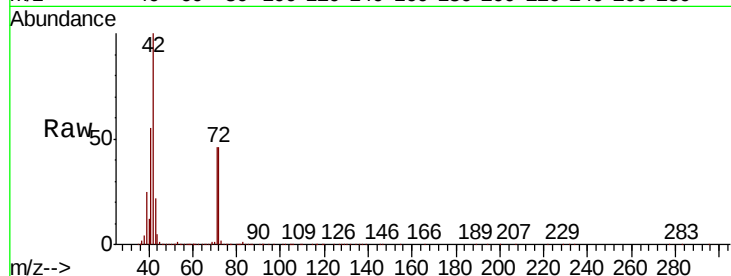
Tot Ion: 42 Resp: 697335

Ion Ratio Lower Upper

42 100

72 48.5 37.8 56.8

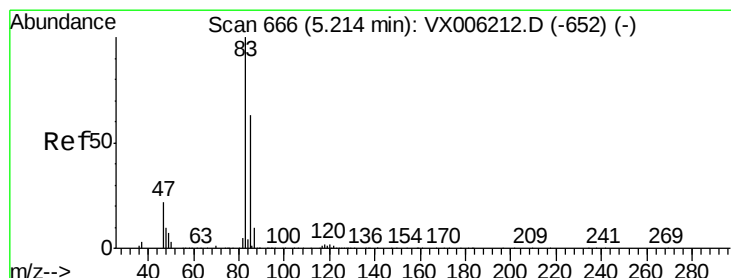
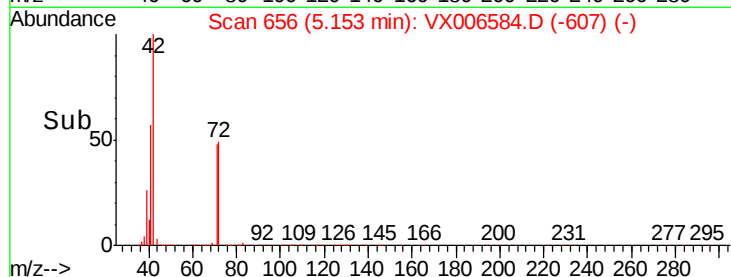
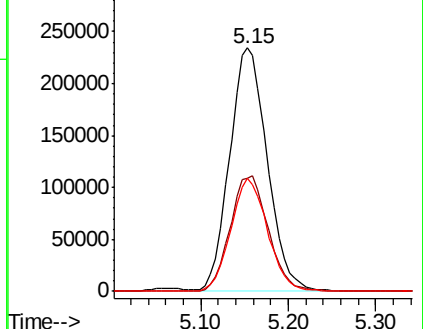
71 45.3 35.2 52.8



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: 53.808 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006584.D

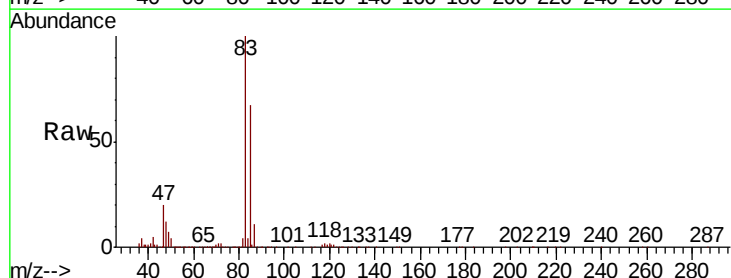
Acq: 17 Dec 2018 20:19

Tgt Ion: 83 Resp: 506960

Ion Ratio Lower Upper

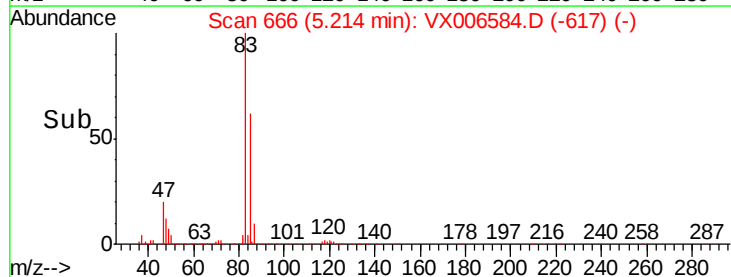
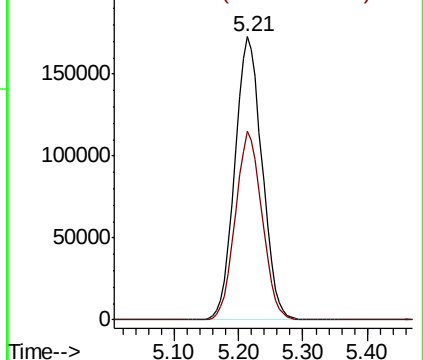
83 100

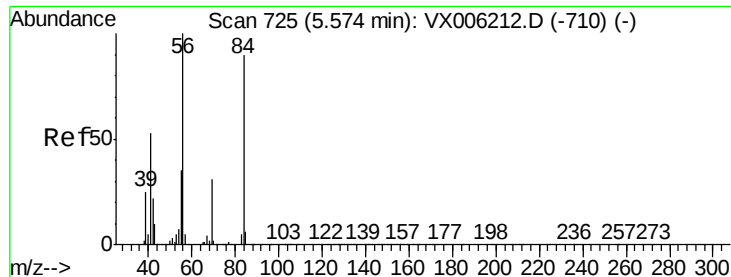
85 66.8 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

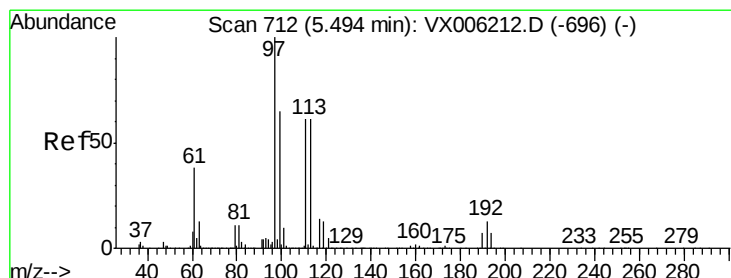
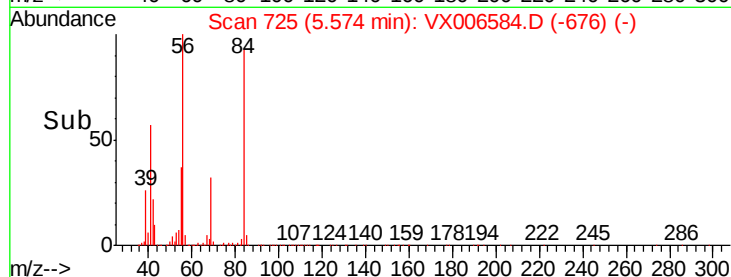
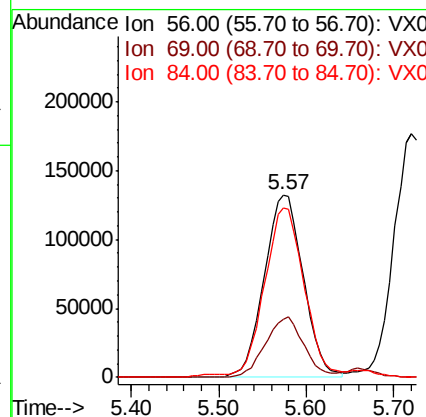
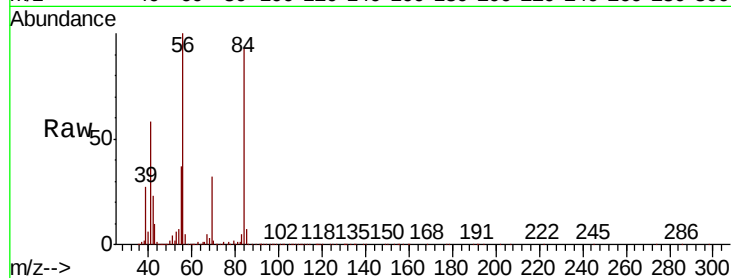




#31
Cyclohexane
Concen: 49.686 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

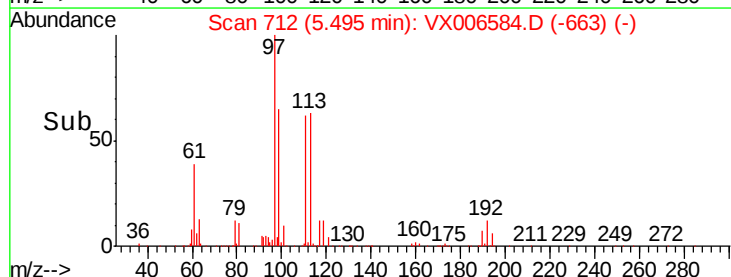
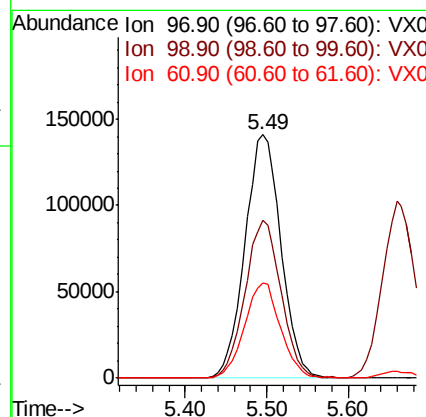
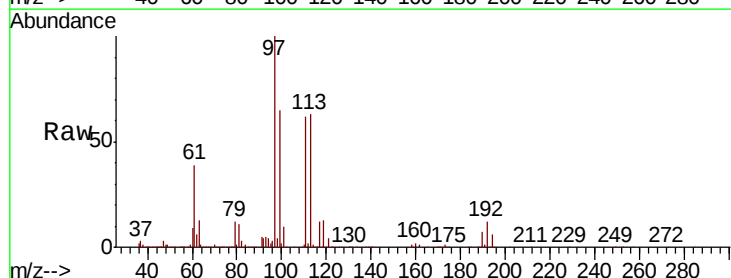
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion: 56 Resp: 411671
Ion Ratio Lower Upper
56 100
69 31.9 24.5 36.7
84 92.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 48.432 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion: 97 Resp: 434159
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 39.2 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 49.931 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

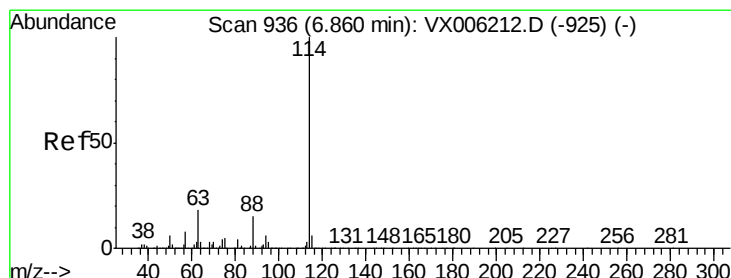
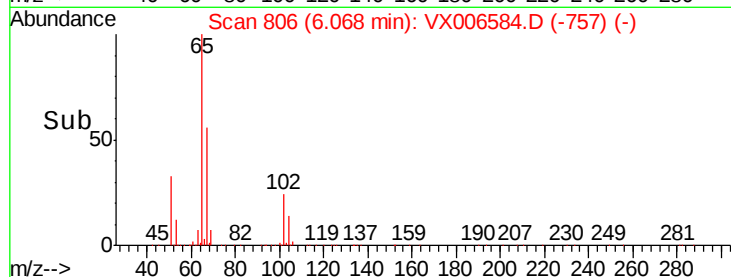
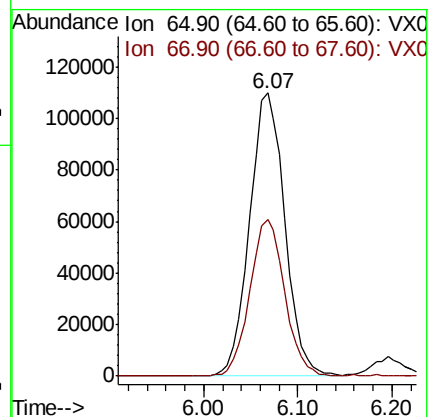
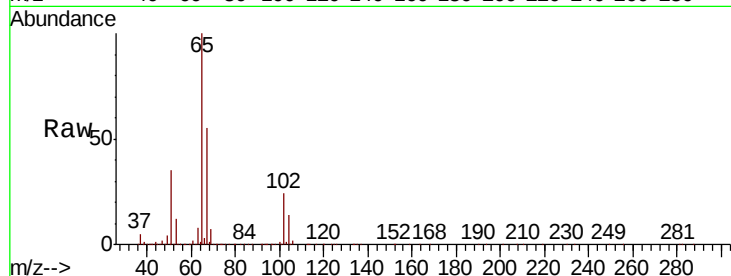
RE105D1-20181210MSD

Tot Ion: 65 Resp: 286368

Ion Ratio Lower Upper

65 100

67 54.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

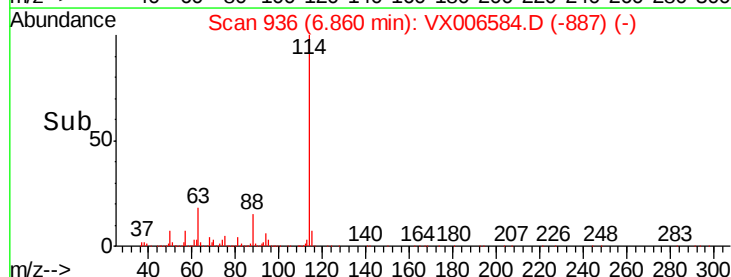
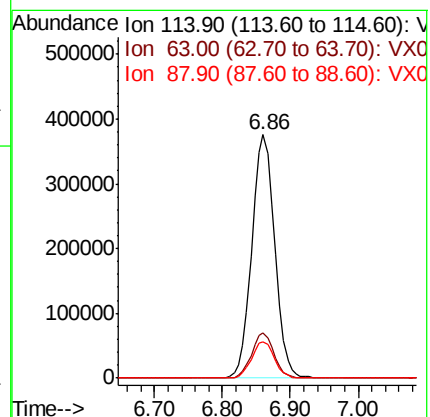
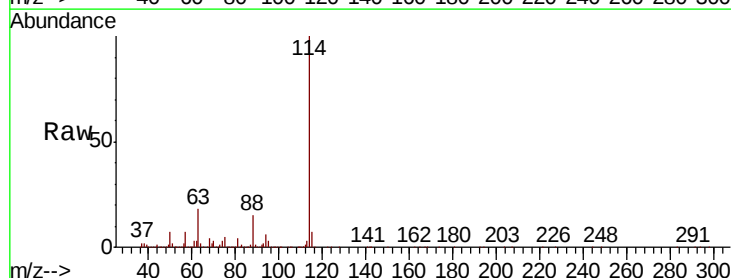
Tgt Ion: 114 Resp: 881207

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.179 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

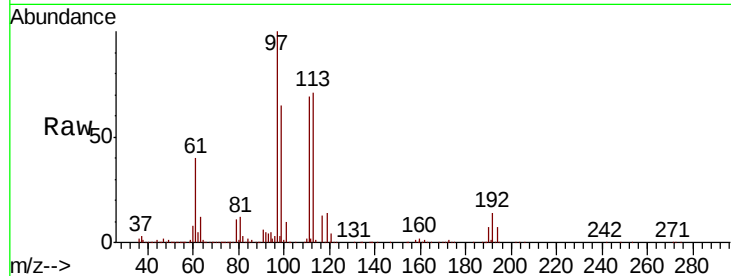
Tot Ion:113 Resp: 269181

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

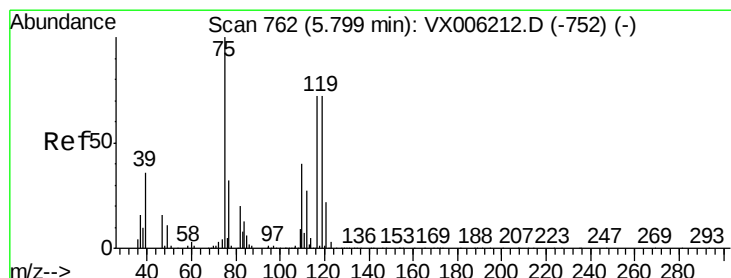
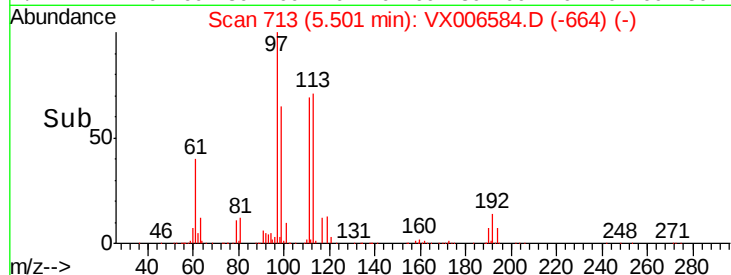
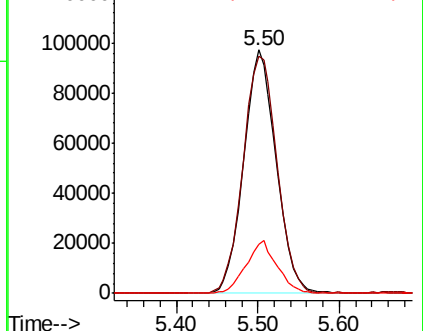
192 20.8 18.2 27.2



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: 49.400 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

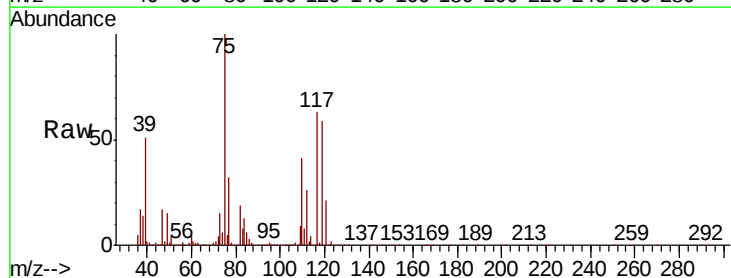
Tgt Ion: 75 Resp: 366577

Ion Ratio Lower Upper

75 100

110 40.3 20.4 61.3

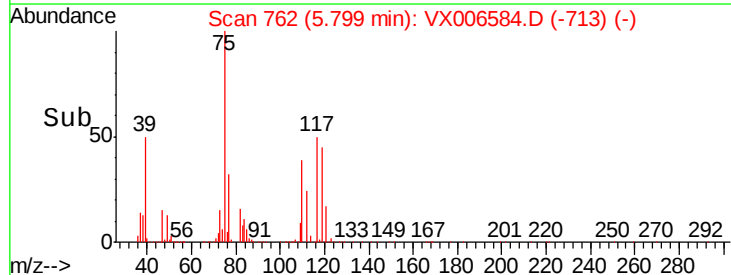
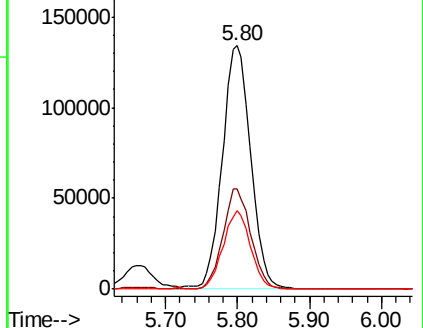
77 31.0 24.9 37.3

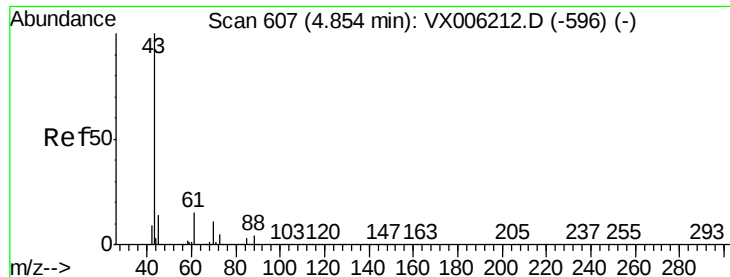


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

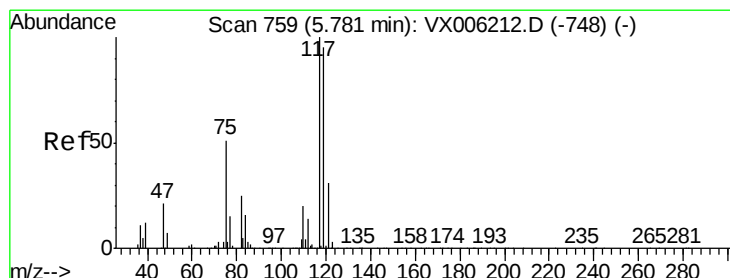
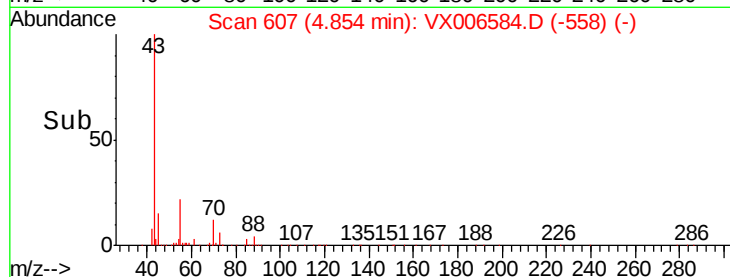
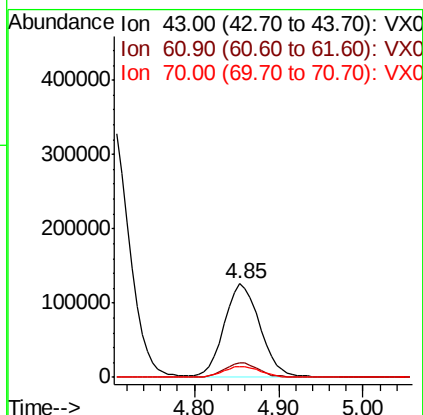
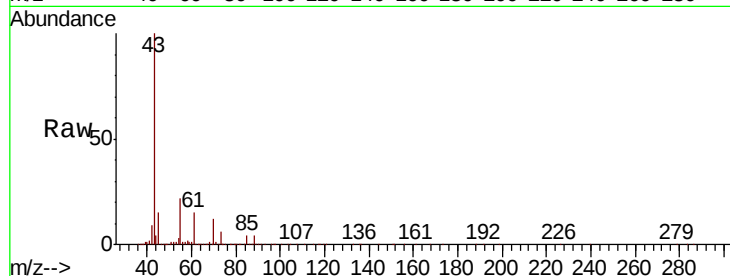




#37
Ethyl Acetate
Concen: 43.724 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

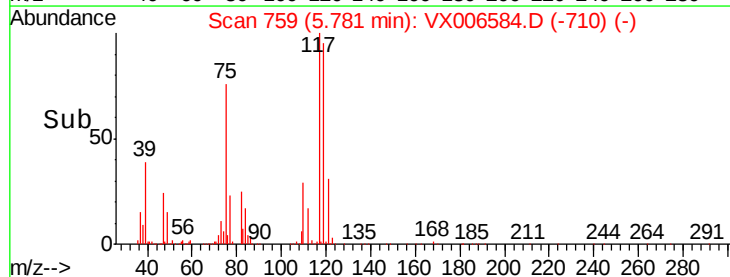
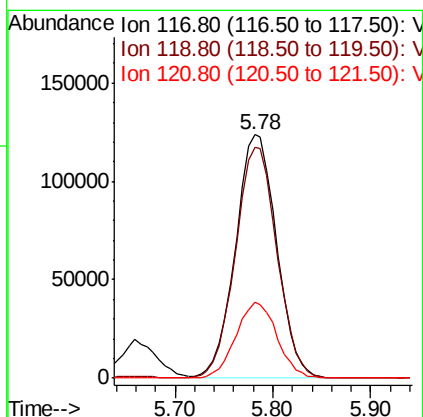
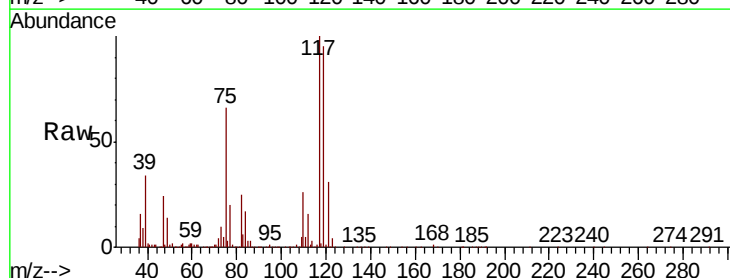
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion: 43 Resp: 363354
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 12.2 9.0 13.6



#38
Carbon Tetrachloride
Concen: 41.171 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion: 117 Resp: 359414
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
121 31.2 24.6 37.0

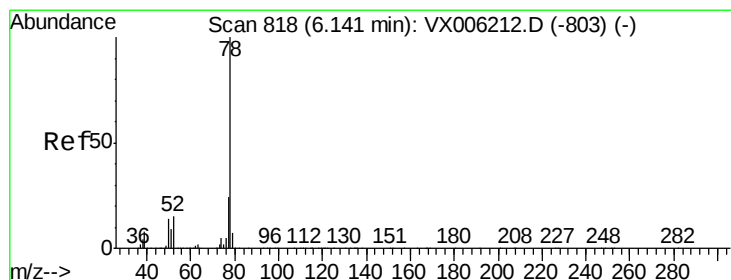
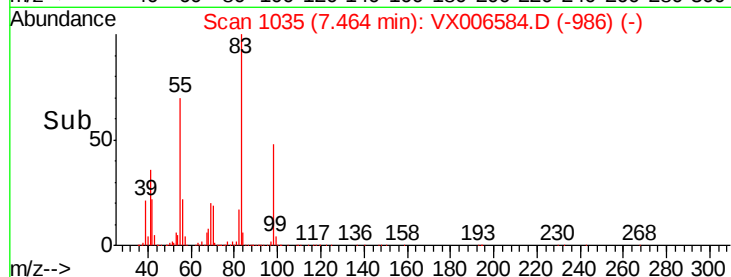
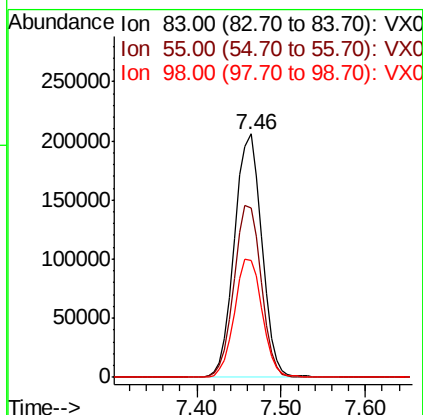
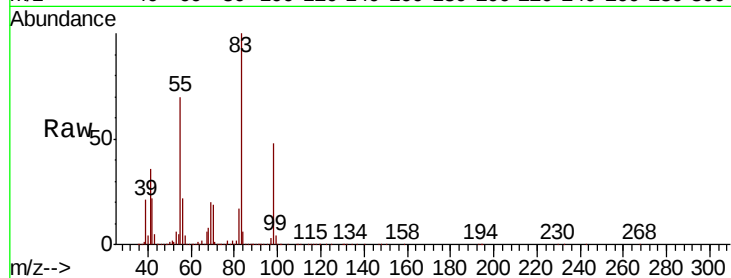




#39
Methvlcvclohexane
Concen: 46.852 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

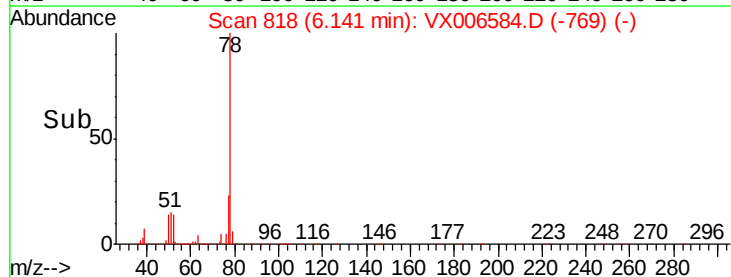
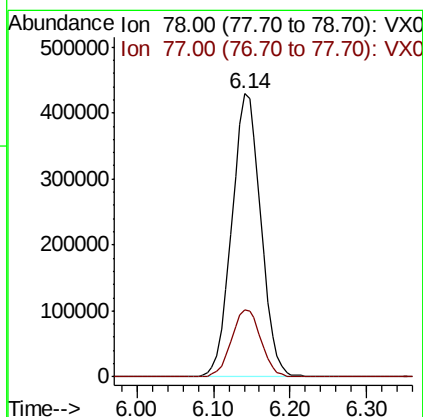
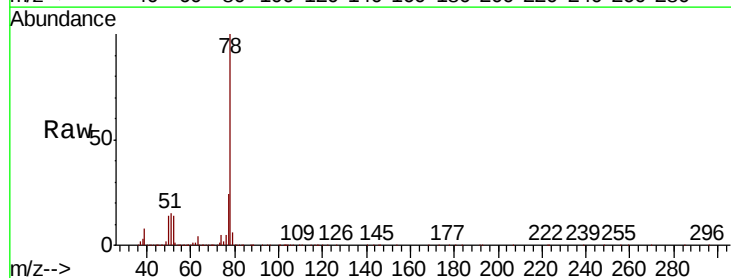
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

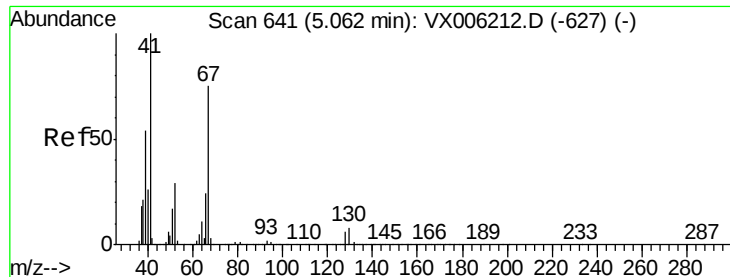
Tot Ion	Ratio	Lower	Upper
83	100		
55	69.6	56.4	84.6
98	48.2	39.0	58.6



#40
Benzene
Concen: 50.713 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8

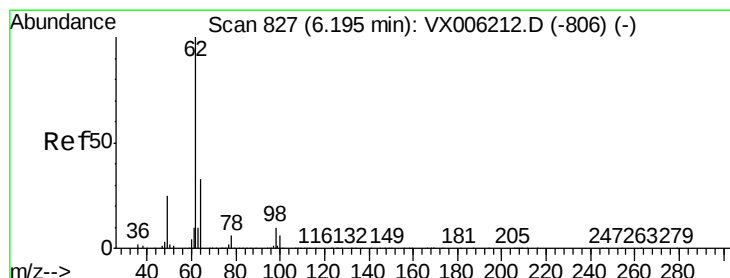
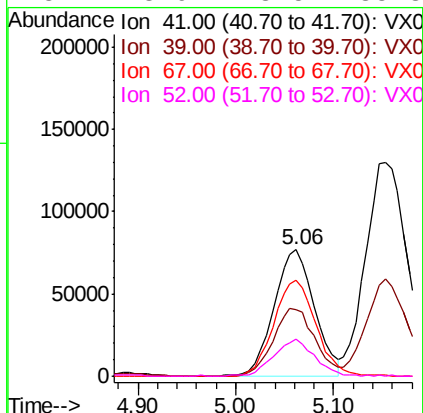
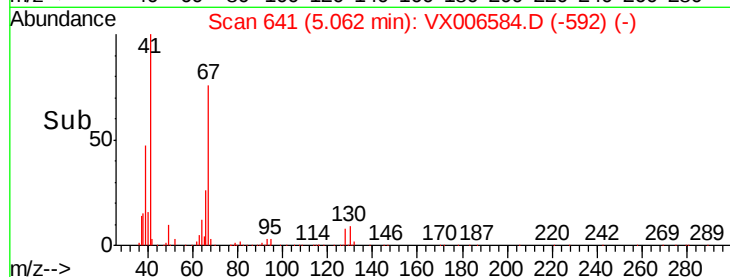
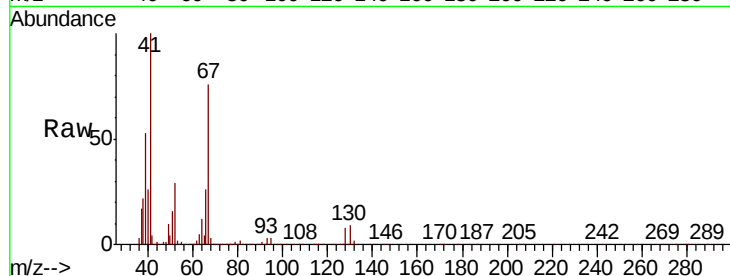




#41
Methacrylonitrile
Concen: 48.336 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

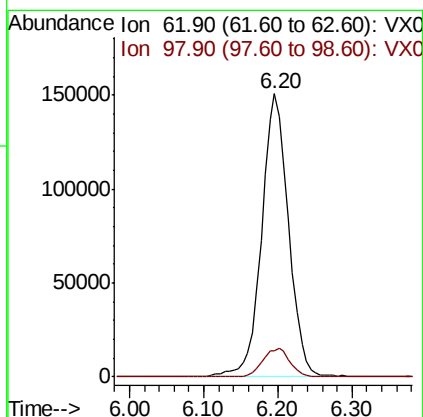
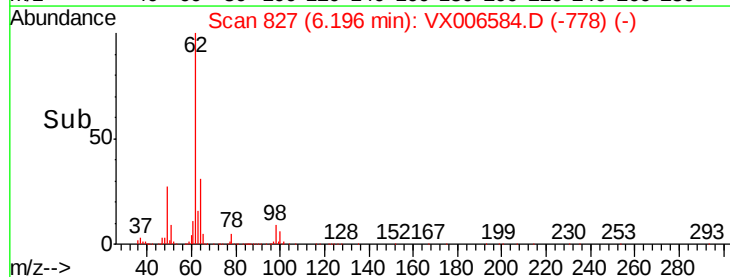
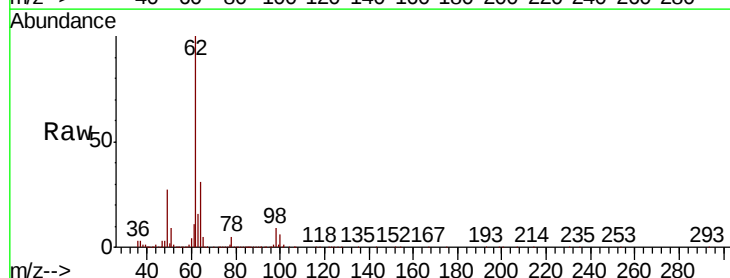
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

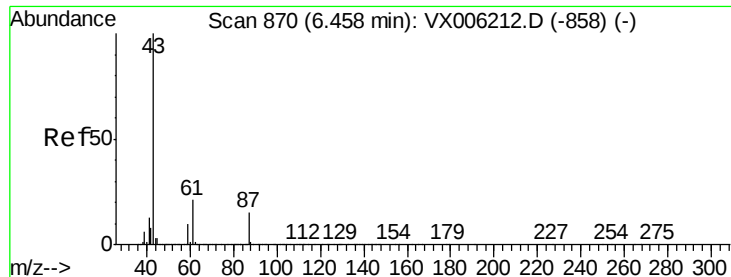
Tot Ion:	41	Resp:	221028
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.0	66.0
67	79.0	61.4	92.0
52	28.9	23.5	35.3



#42
1,2-Dichloroethane
Concen: 52.040 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion:	62	Resp:	378537
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 43.529 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

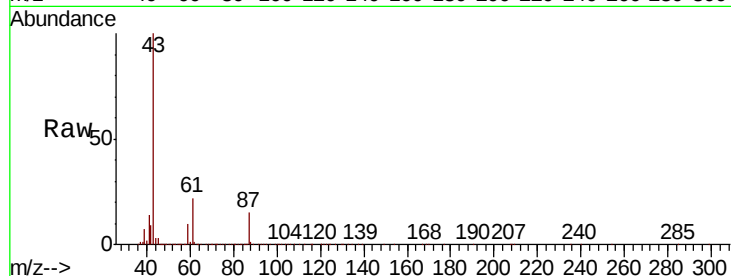
Tot Ion: 43 Resp: 603115

Ion Ratio Lower Upper

43 100

61 20.8 16.8 25.2

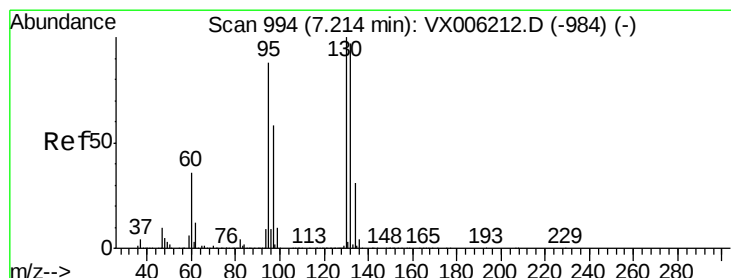
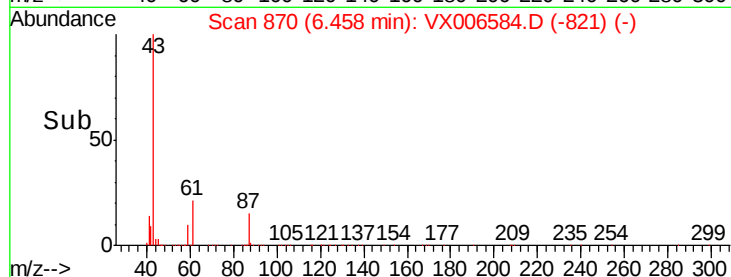
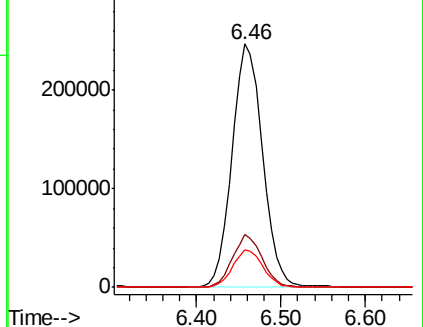
87 15.3 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 171.057 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006584.D

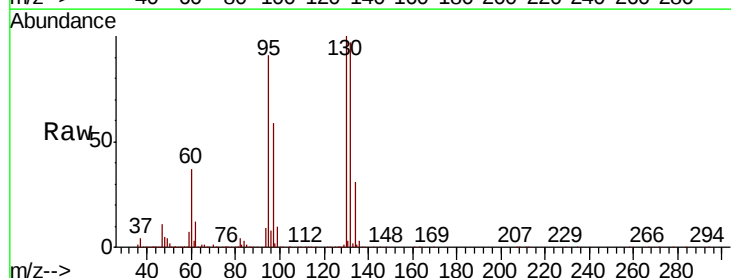
Acq: 17 Dec 2018 20:19

Tgt Ion:130 Resp: 1151739

Ion Ratio Lower Upper

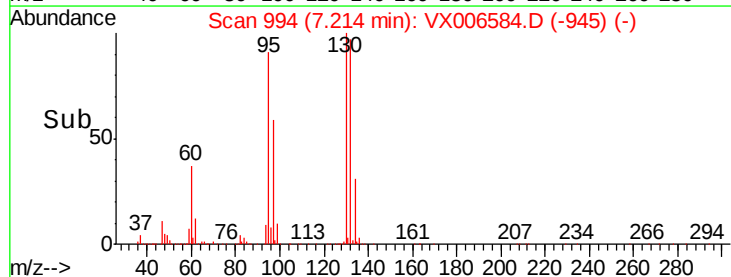
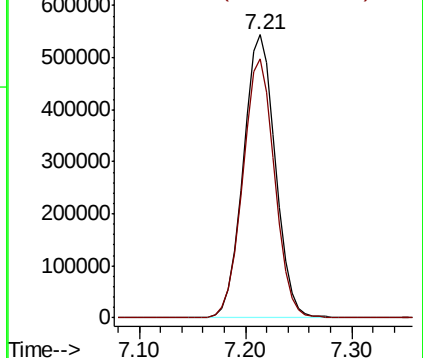
130 100

95 91.5 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.462 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

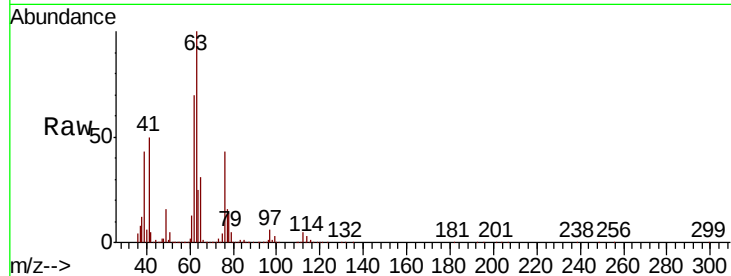
RE105D1-20181210MSD

Tot Ion: 63 Resp: 279397

Ion Ratio Lower Upper

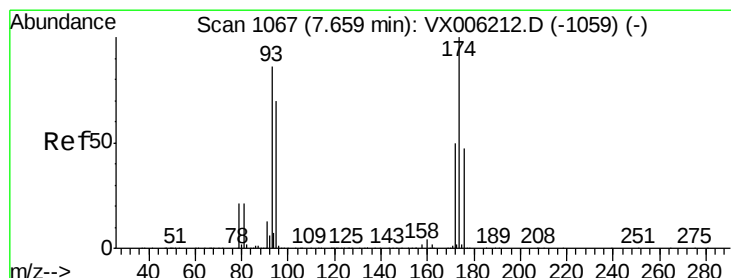
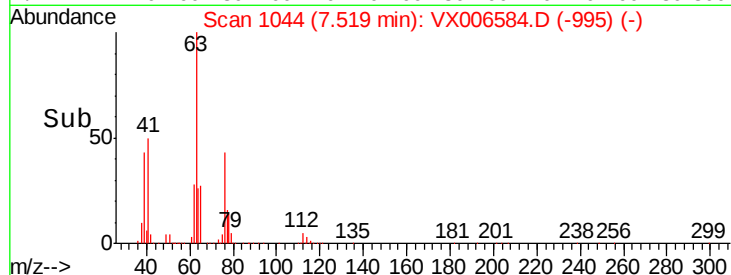
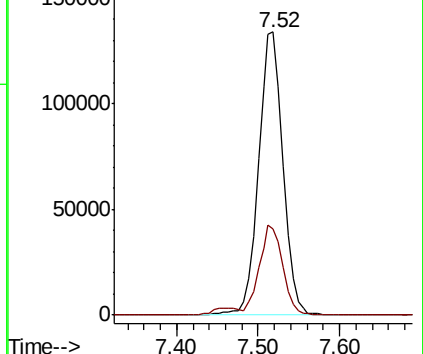
63 100

65 30.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.338 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

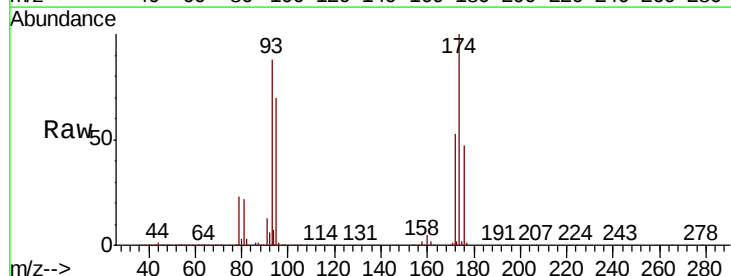
Tgt Ion: 93 Resp: 201279

Ion Ratio Lower Upper

93 100

95 85.1 66.2 99.4

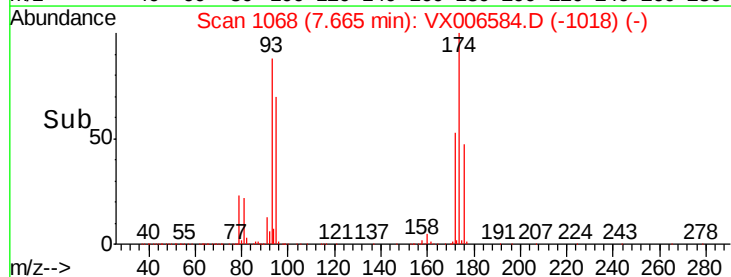
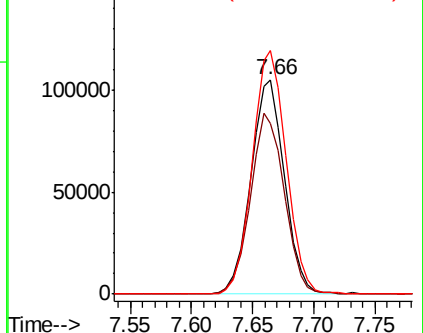
174 114.4 97.2 145.8

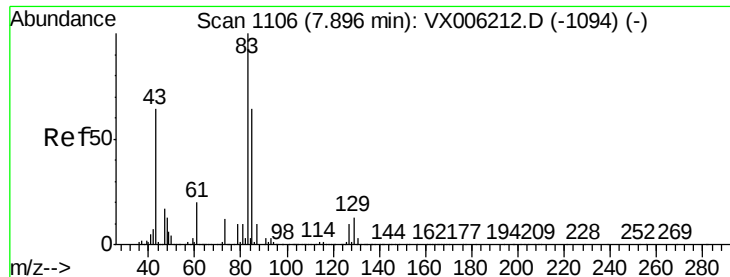


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 44.329 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

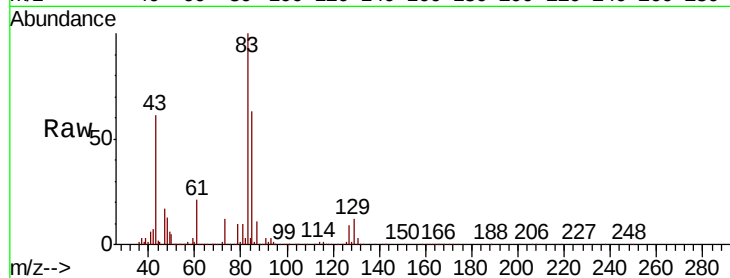
Tot Ion: 83 Resp: 350209

Ion Ratio Lower Upper

83 100

85 62.9 51.4 77.0

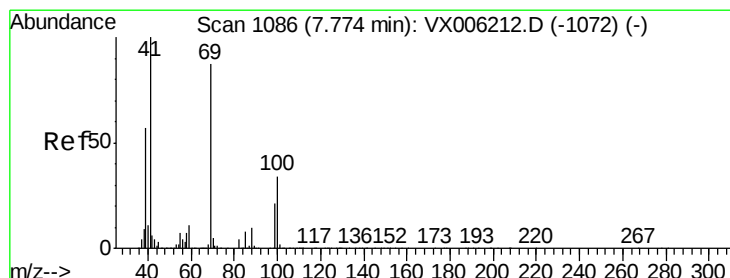
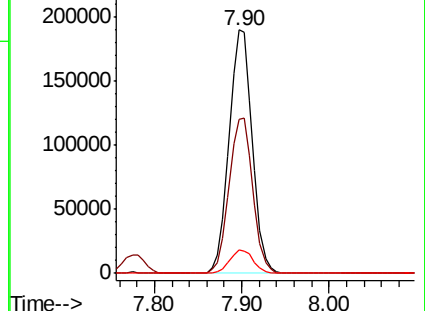
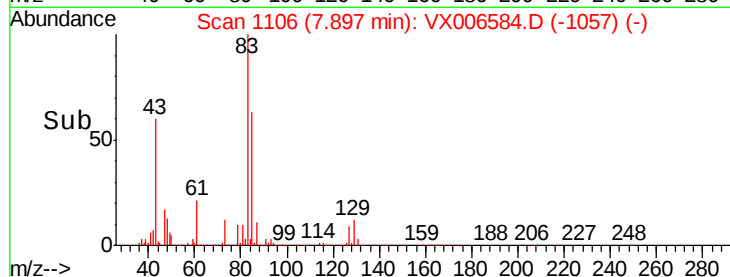
127 9.4 7.9 11.9



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): VX0



#48

Methyl methacrylate

Concen: 46.826 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

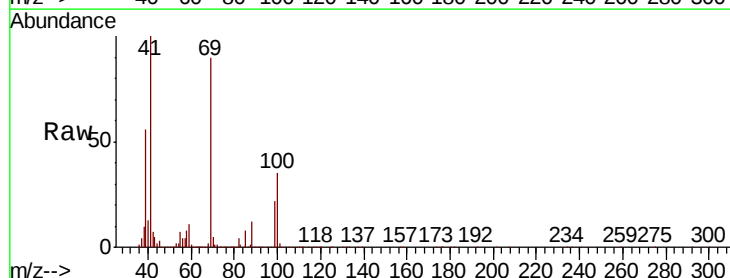
Tgt Ion: 41 Resp: 315634

Ion Ratio Lower Upper

41 100

69 92.0 70.3 105.5

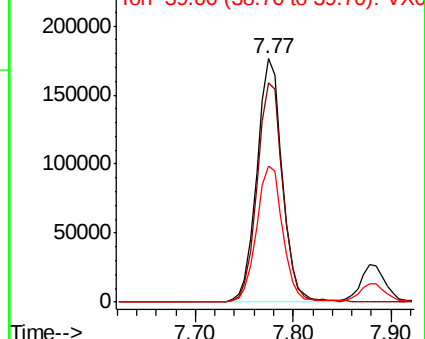
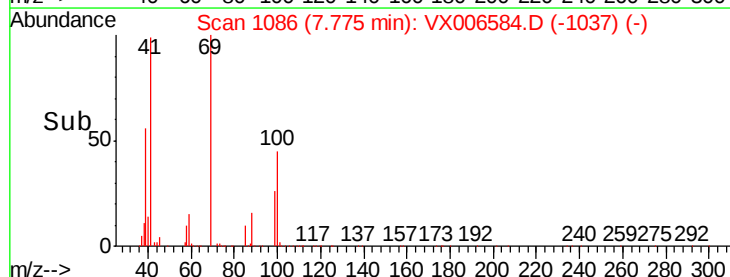
39 57.4 45.3 67.9

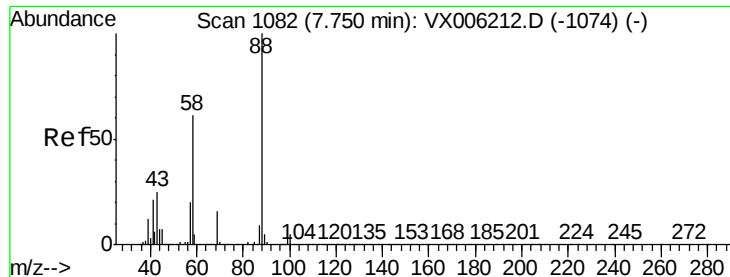


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

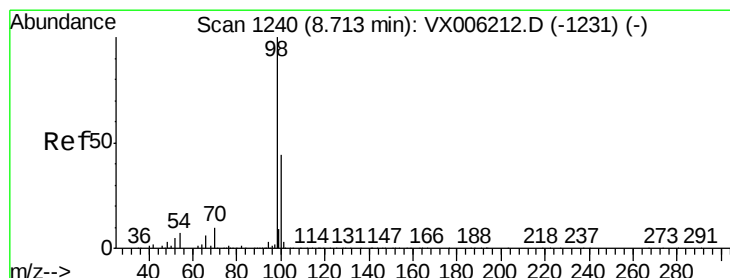
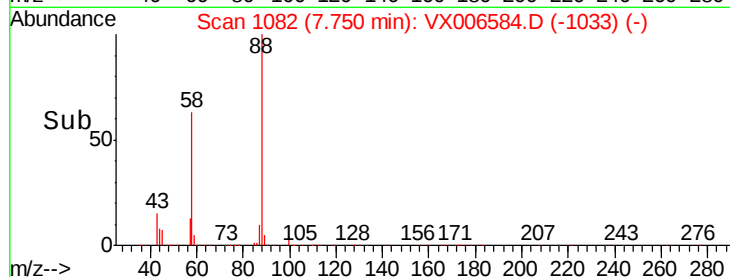
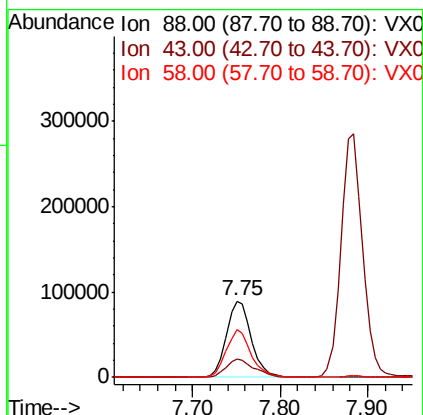
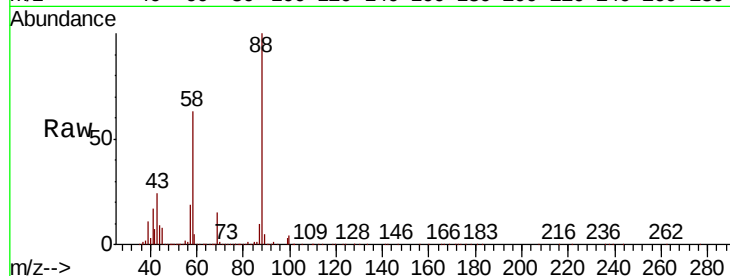




#49
1,4-Dioxane
Concen: 1057.701 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

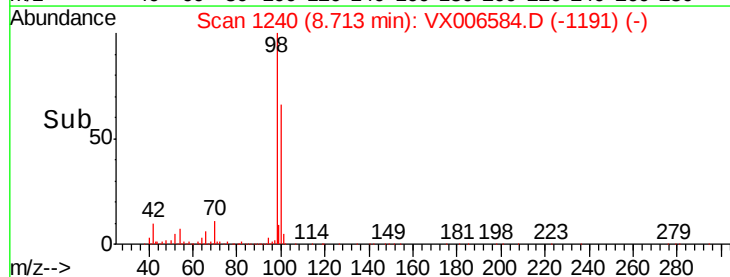
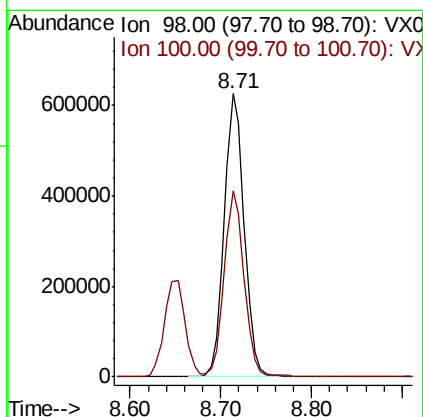
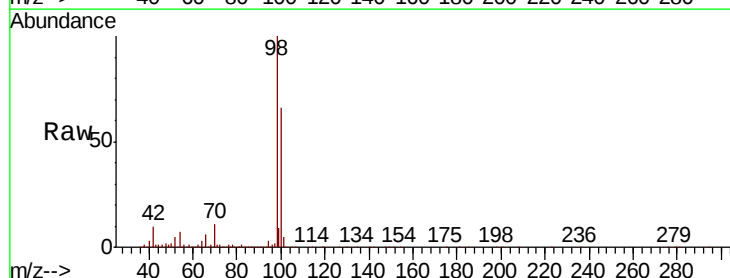
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.3	23.2	34.8
58	62.2	51.4	77.0



#50
Toluene-d8
Concen: 46.112 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 249.384 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

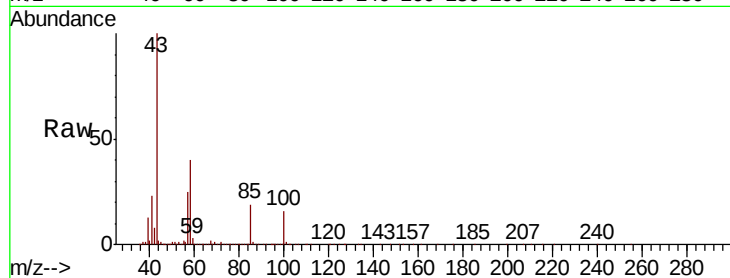
RE105D1-20181210MSD

Tot Ion: 43 Resp: 2011500

Ion Ratio Lower Upper

43 100

58 40.0 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

1500000 Ion 58.00 (57.70 to 58.70): VX0

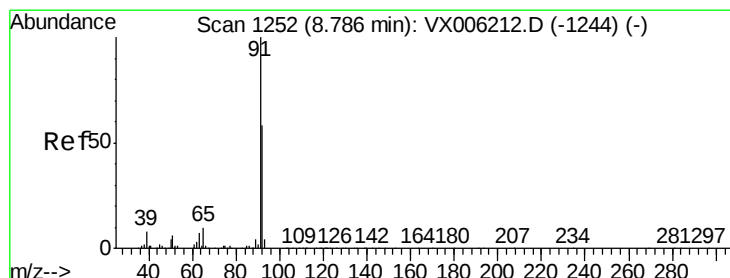
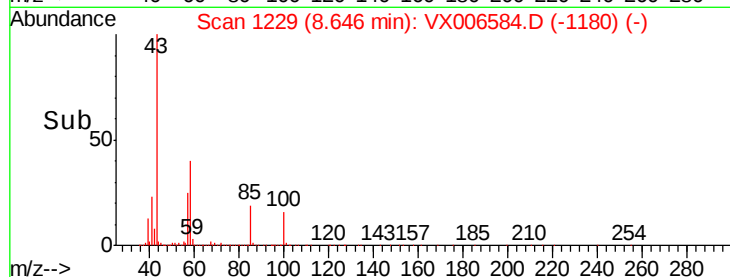
8.65

1000000

500000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 50.959 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006584.D

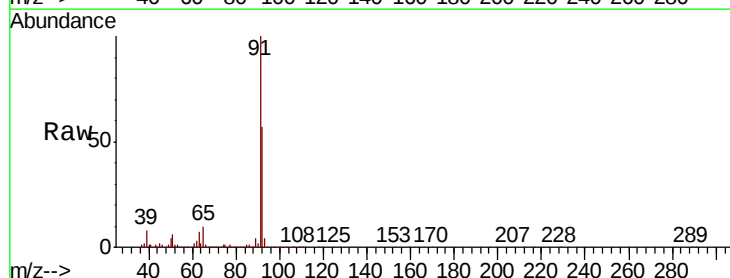
Acq: 17 Dec 2018 20:19

Tgt Ion: 92 Resp: 745130

Ion Ratio Lower Upper

92 100

91 173.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

1000000 Ion 91.00 (90.70 to 91.70): VX0

800000

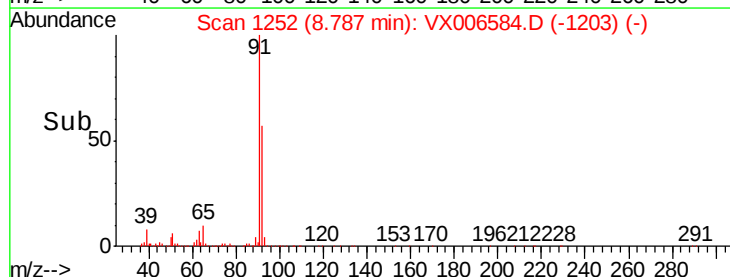
600000

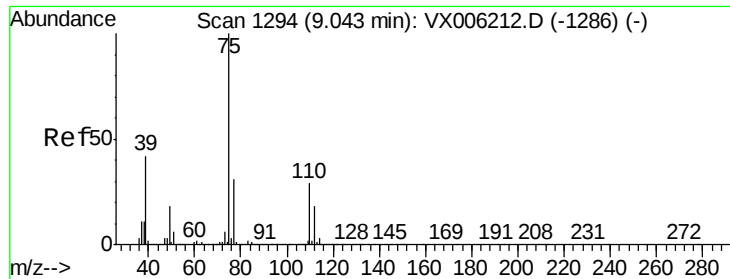
400000

200000

0

Time--> 8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 41.090 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

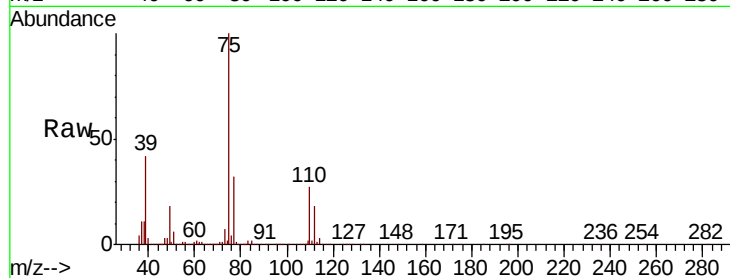
RE105D1-20181210MSD

Tot Ion: 75 Resp: 379648

Ion Ratio Lower Upper

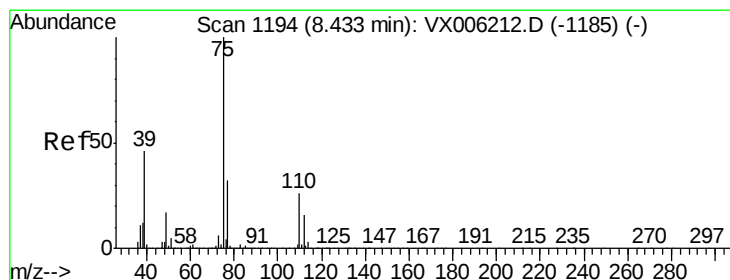
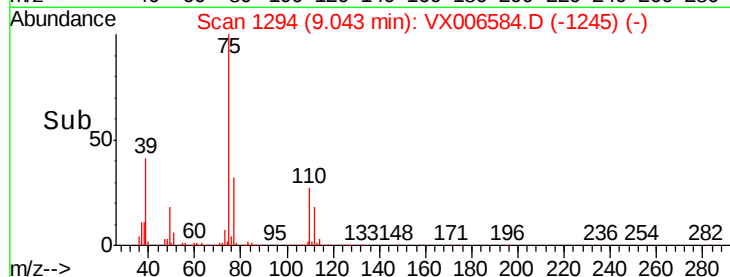
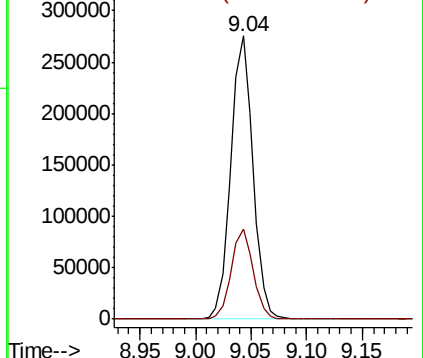
75 100

77 31.7 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 43.235 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

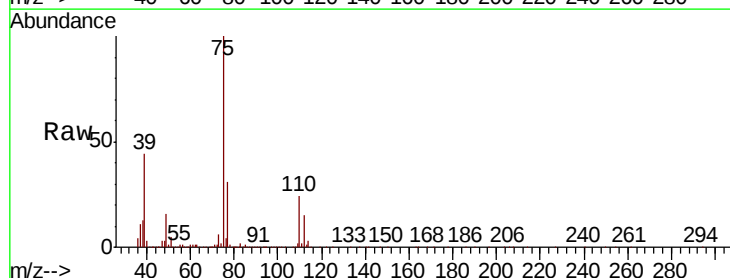
Tgt Ion: 75 Resp: 414797

Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4

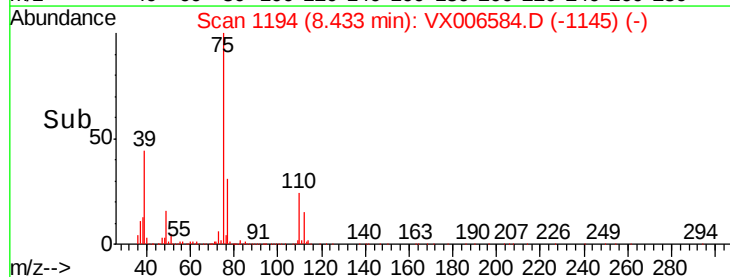
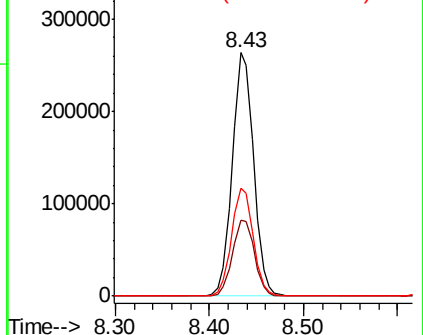
39 44.3 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 52.491 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion: 97 Resp: 311812

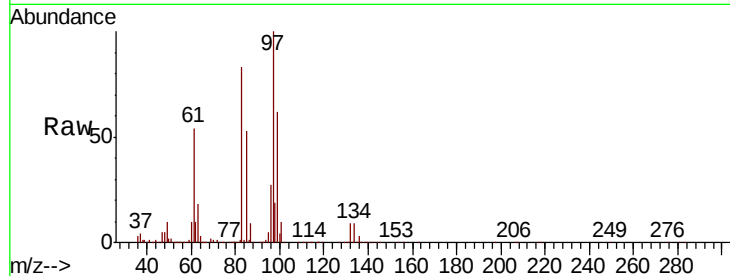
Ion Ratio Lower Upper

97 100

83 82.6 67.1 100.7

85 53.4 43.2 64.8

99 62.5 49.8 74.6

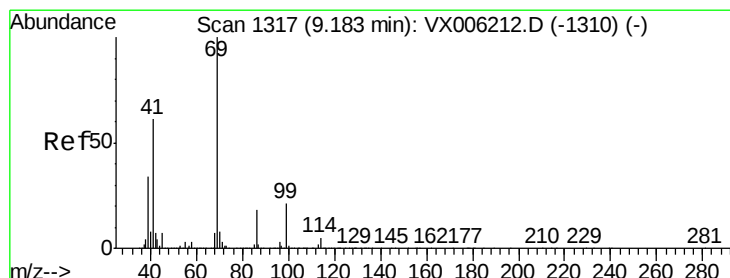
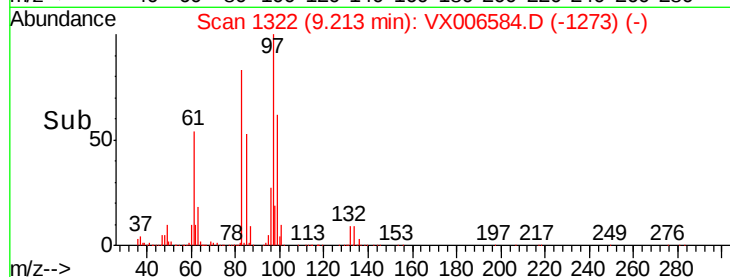
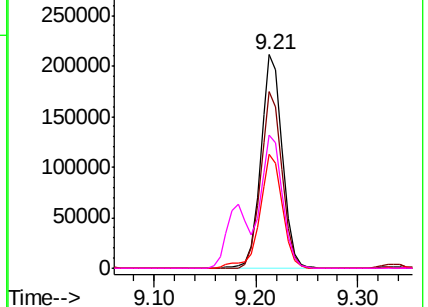


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 47.165 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

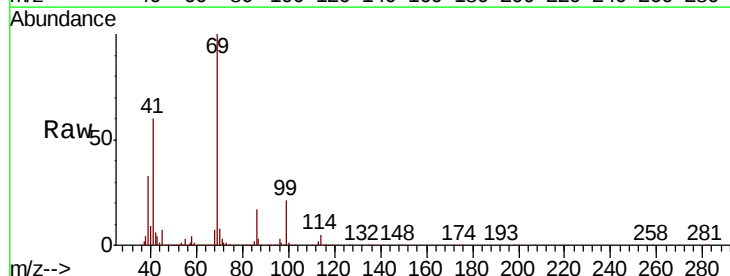
Tgt Ion: 69 Resp: 438006

Ion Ratio Lower Upper

69 100

41 61.4 50.6 76.0

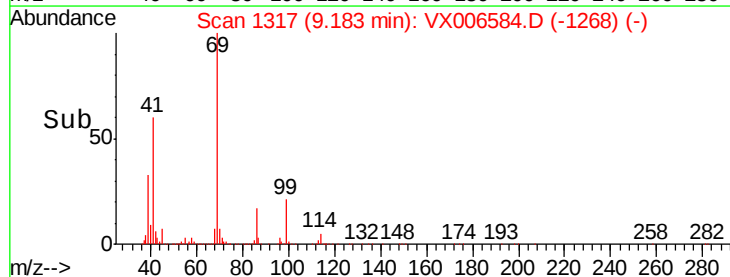
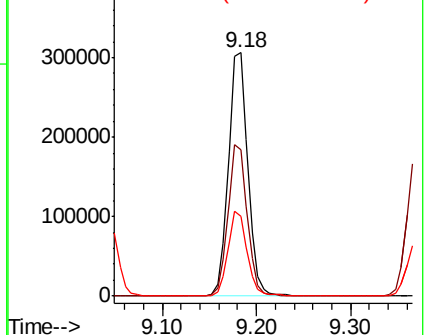
39 34.2 27.6 41.4

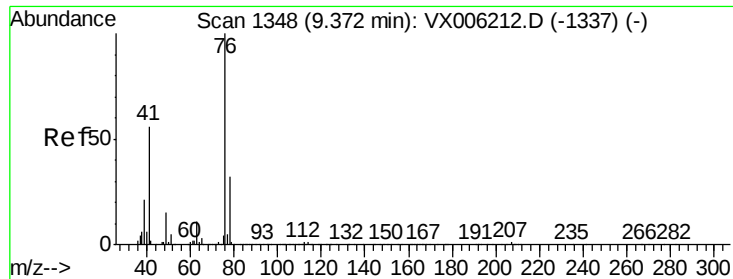


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.960 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

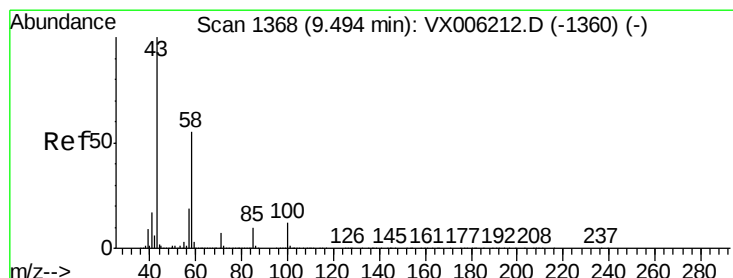
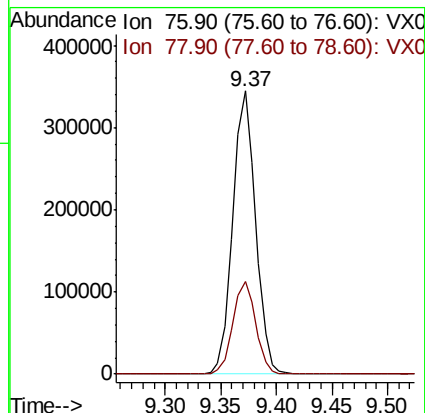
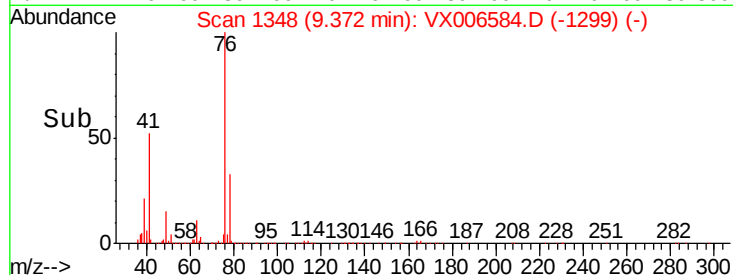
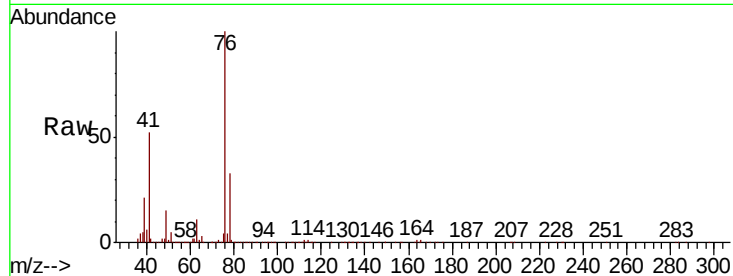
RE105D1-20181210MSD

Tot Ion: 76 Resp: 488081

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#59

2-Hexanone

Concen: 247.314 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006584.D

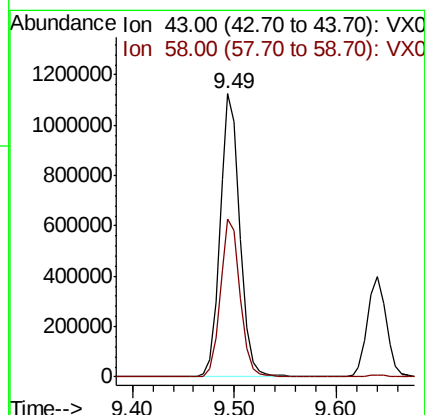
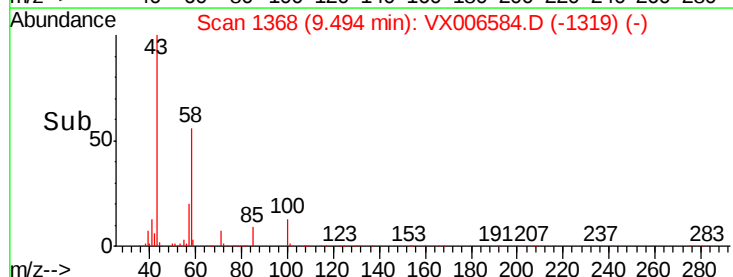
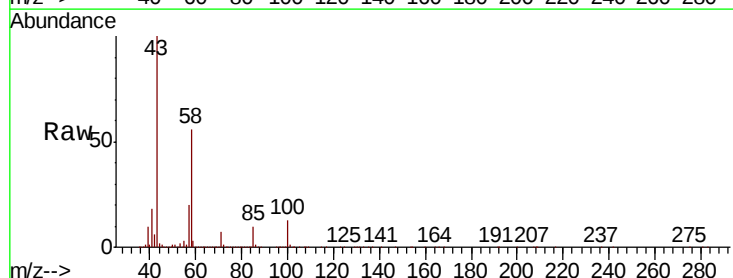
Acq: 17 Dec 2018 20:19

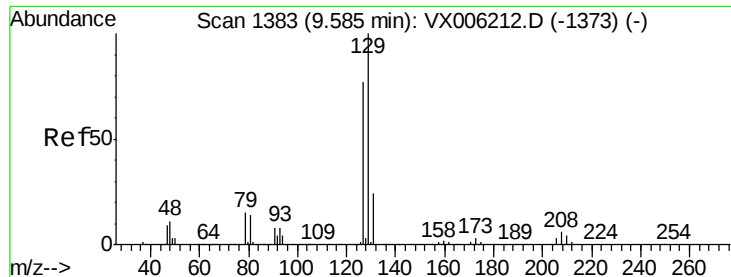
Tgt Ion: 43 Resp: 1524036

Ion Ratio Lower Upper

43 100

58 55.7 27.7 83.1





#60

Dibromochloromethane

Concen: 41.362 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

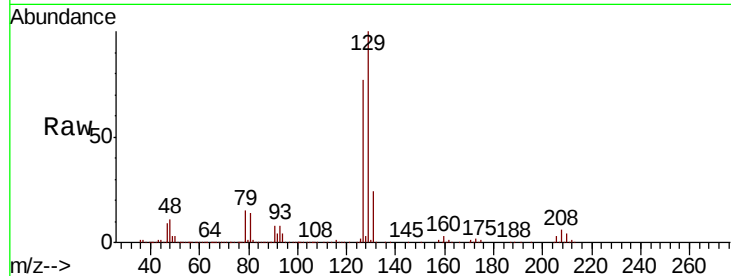
RE105D1-20181210MSD

Tot Ion:129 Resp: 302977

Ion Ratio Lower Upper

129 100

127 77.3 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

200000

150000

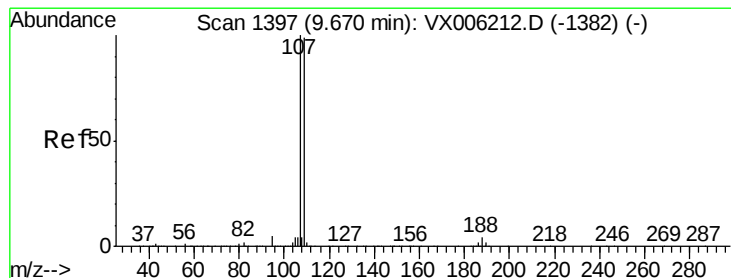
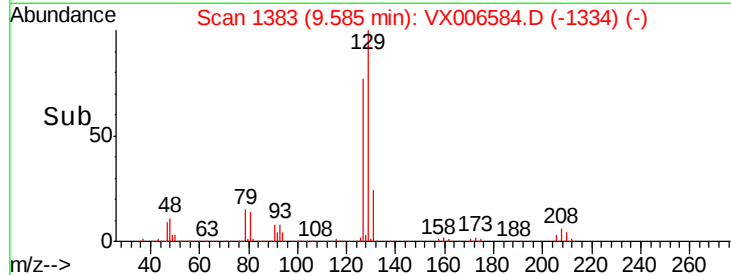
100000

50000

0

Time-->

9.50 9.55 9.60 9.65



#61

1,2-Dibromoethane

Concen: 50.275 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006584.D

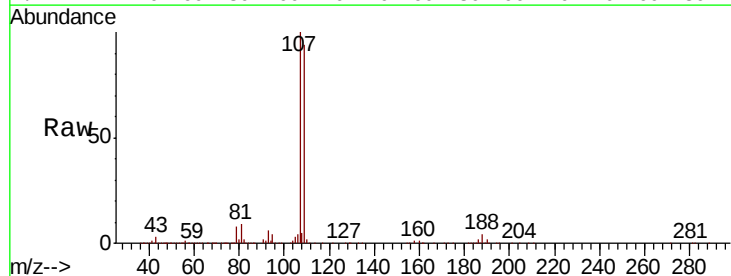
Acq: 17 Dec 2018 20:19

Tgt Ion:107 Resp: 333935

Ion Ratio Lower Upper

107 100

109 94.8 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

150000

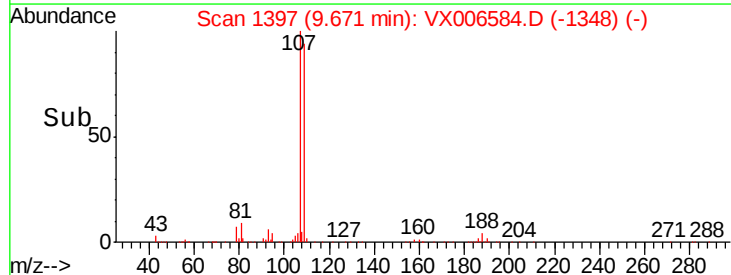
100000

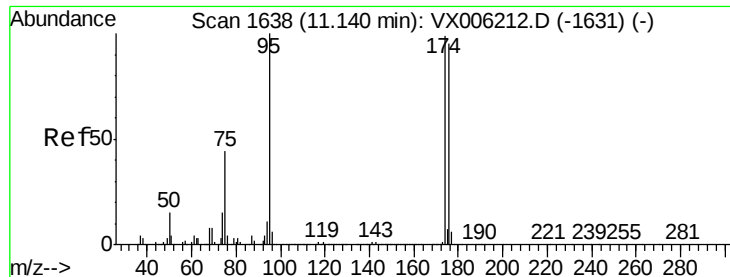
50000

0

Time-->

9.60 9.70 9.80





#62

4-Bromofluorobenzene

Concen: 46.667 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

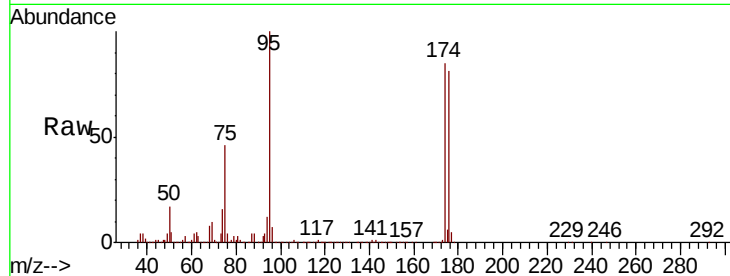
Tot Ion: 95 Resp: 364955

Ion Ratio Lower Upper

95 100

174 91.1 0.0 187.0

176 87.6 0.0 181.8

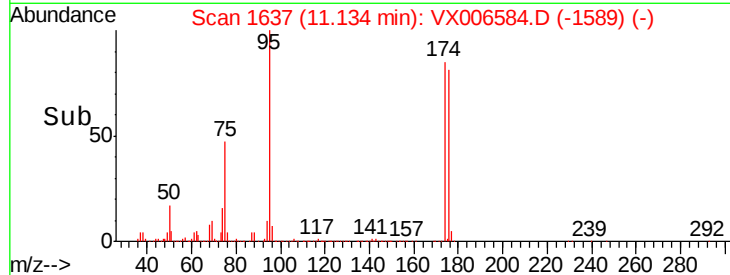


Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006212.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006212.D (-1631) (-)

Time-->

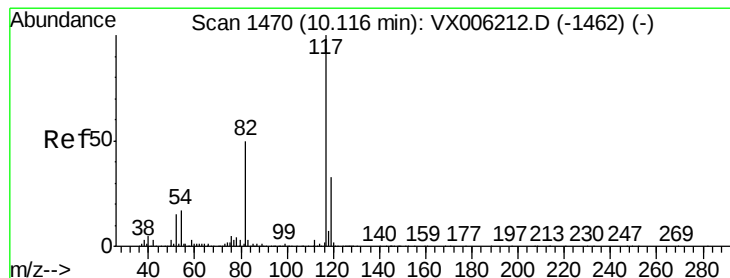


Abundance Ion 94.90 (94.60 to 95.60): VX006584.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006584.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006584.D (-1589) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

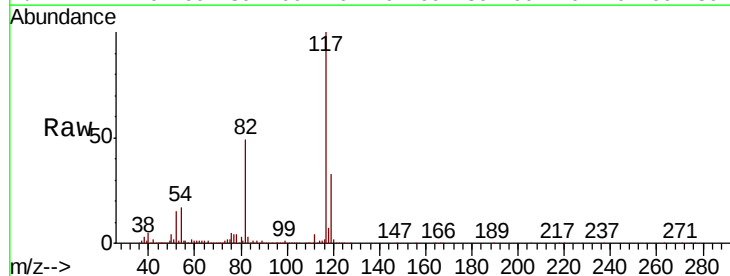
Tgt Ion: 117 Resp: 814685

Ion Ratio Lower Upper

117 100

82 49.1 39.6 59.4

119 33.3 26.3 39.5

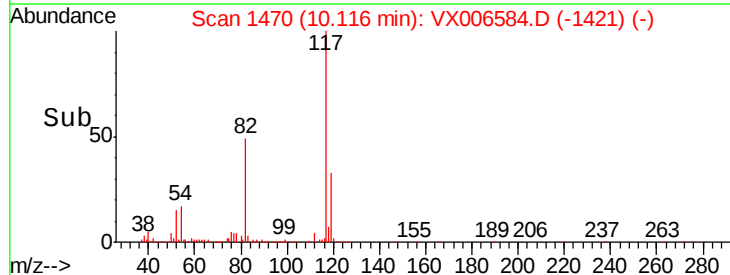


Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006212.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006212.D (-1462) (-)

Time-->

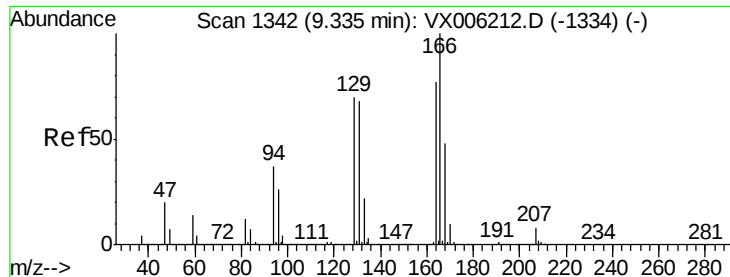


Abundance Ion 116.90 (116.60 to 117.60): VX006584.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006584.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006584.D (-1421) (-)

Time-->



#64

Tetrachloroethene

Concen: 50.503 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion:164 Resp: 309853

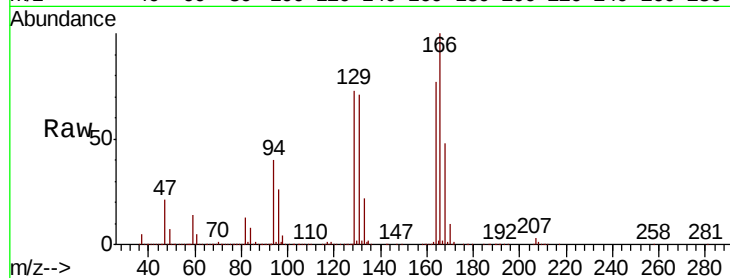
Ion Ratio Lower Upper

164 100

166 130.0 104.2 156.2

129 95.1 72.6 108.8

131 91.7 70.3 105.5



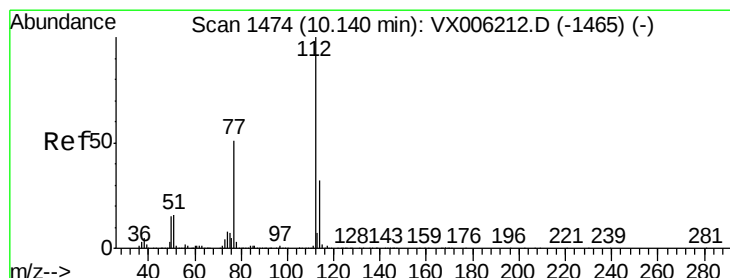
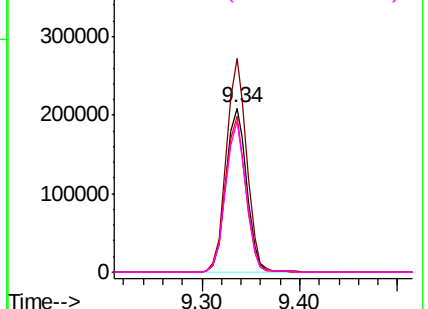
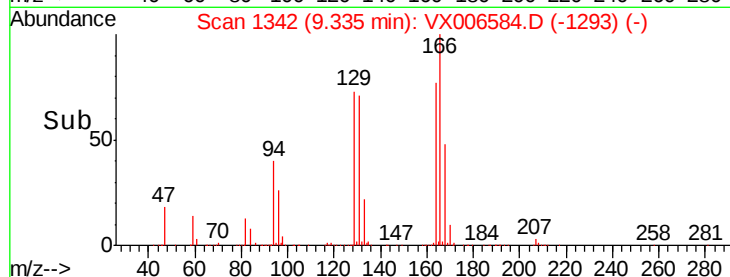
Abundance

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



#65

Chlorobenzene

Concen: 50.380 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006584.D

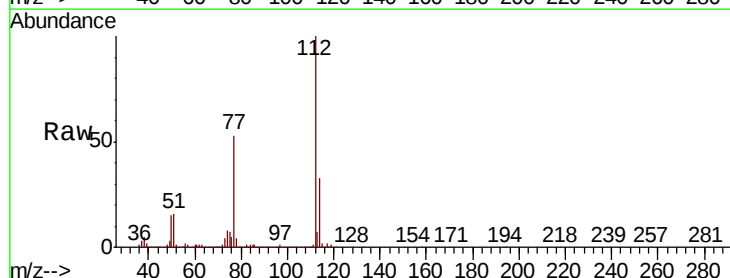
Acq: 17 Dec 2018 20:19

Tgt Ion:112 Resp: 871274

Ion Ratio Lower Upper

112 100

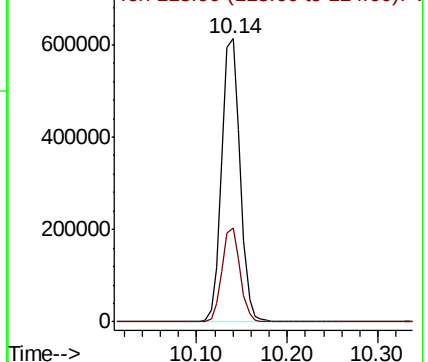
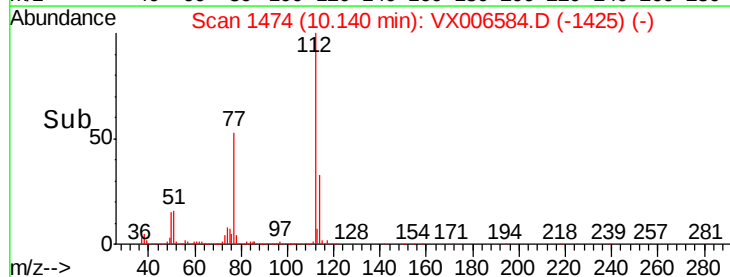
114 33.1 25.4 38.2

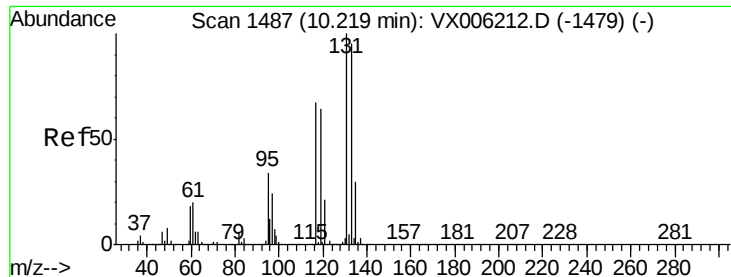


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 43.550 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

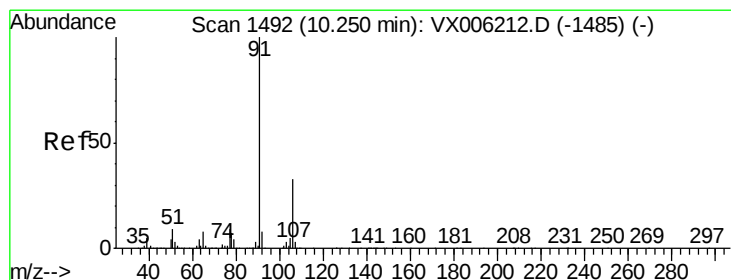
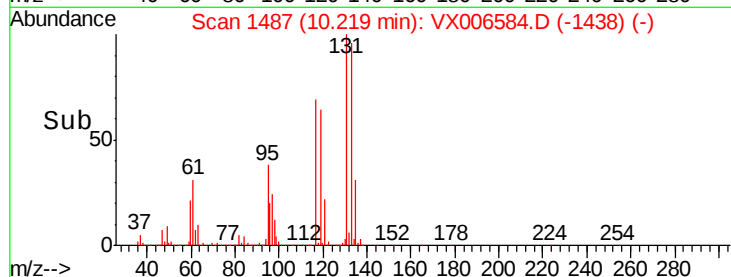
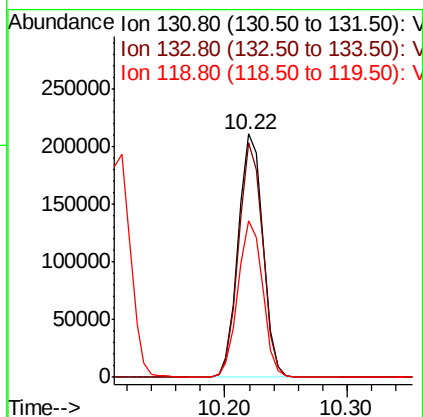
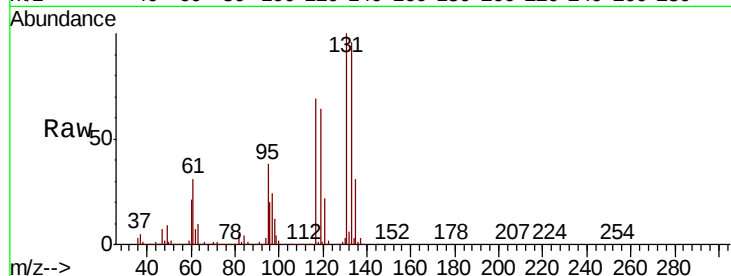
Tot Ion:131 Resp: 292626

Ion Ratio Lower Upper

131 100

133 94.3 48.1 144.4

119 64.1 32.1 96.3



#67

Ethyl Benzene

Concen: 49.834 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006584.D

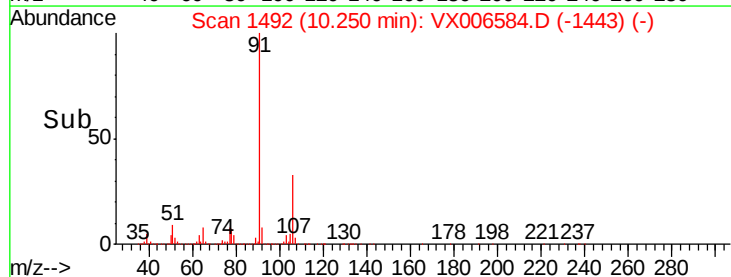
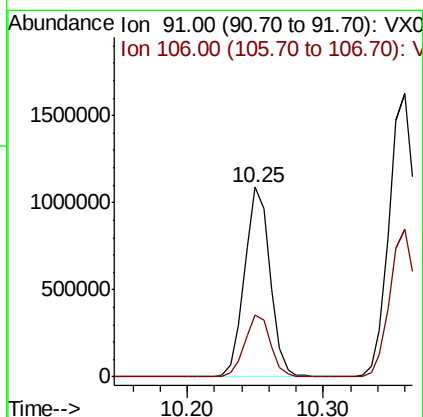
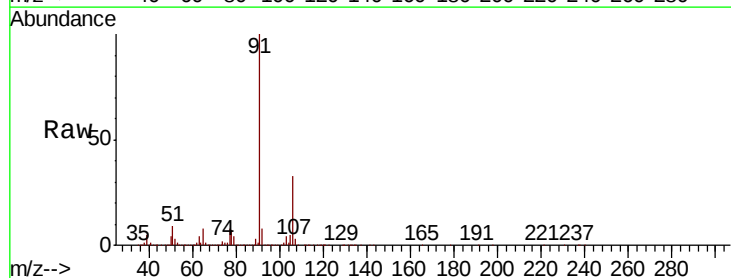
Acq: 17 Dec 2018 20:19

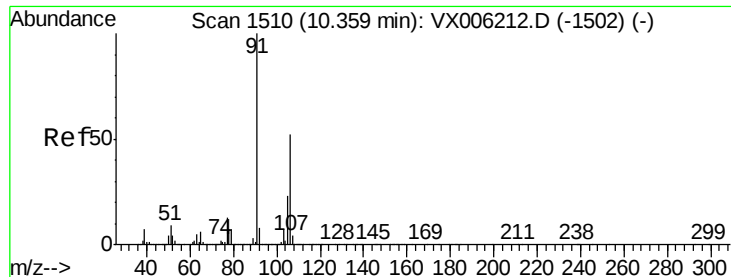
Tgt Ion: 91 Resp: 1433391

Ion Ratio Lower Upper

91 100

106 32.9 26.5 39.7





#68

m/p-Xylenes

Concen: 98.913 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

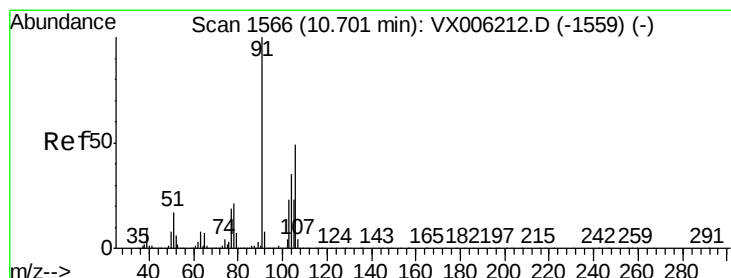
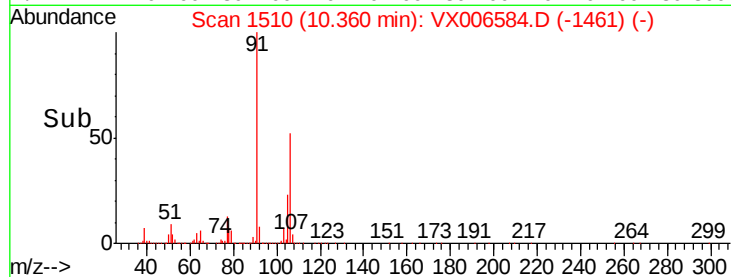
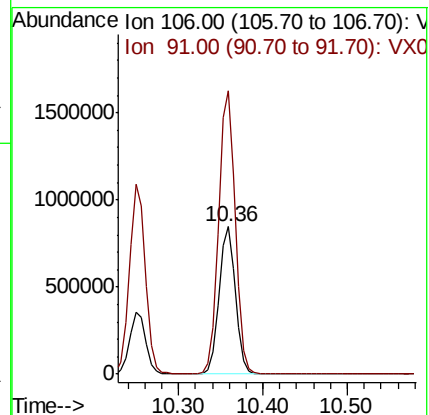
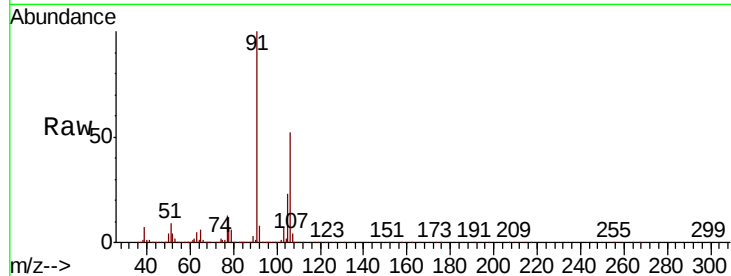
RE105D1-20181210MSD

Tot Ion:106 Resp: 1139654

Ion Ratio Lower Upper

106 100

91 194.8 155.2 232.8



#69

o-Xylene

Concen: 49.436 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX006584.D

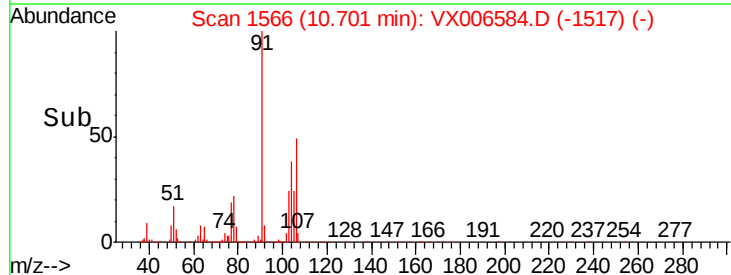
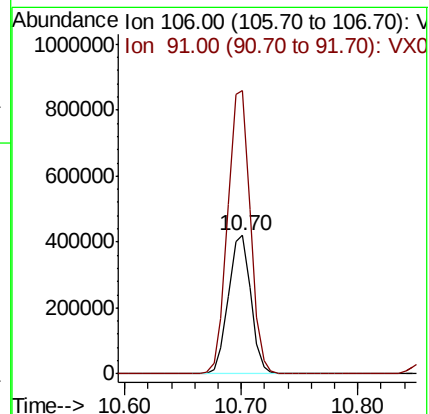
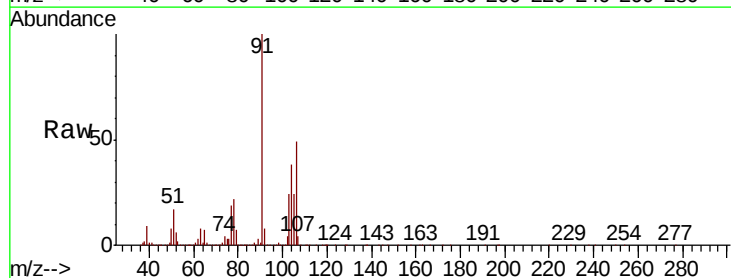
Acq: 17 Dec 2018 20:19

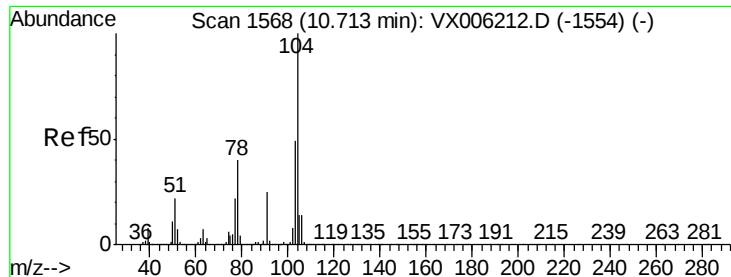
Tgt Ion:106 Resp: 562618

Ion Ratio Lower Upper

106 100

91 205.0 101.8 305.6

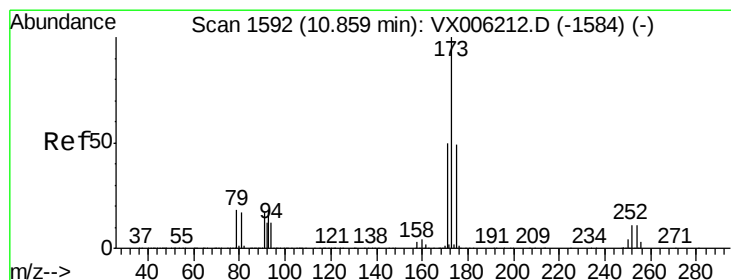
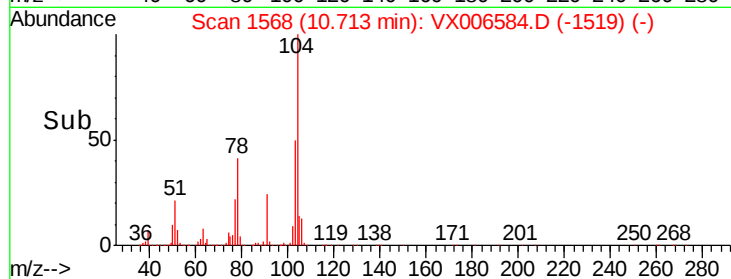
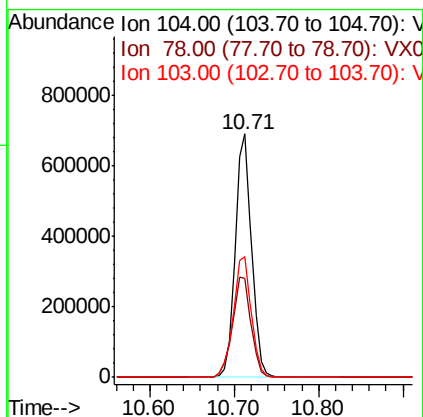
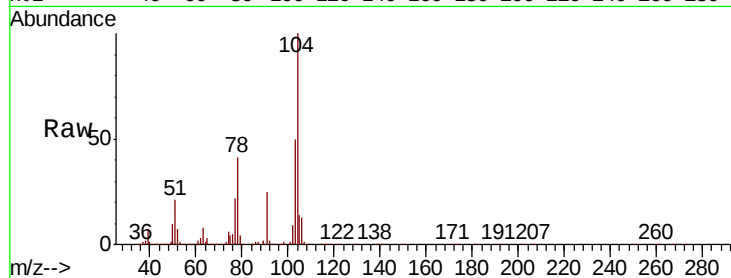




#70
Stvrene
Concen: 49.093 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

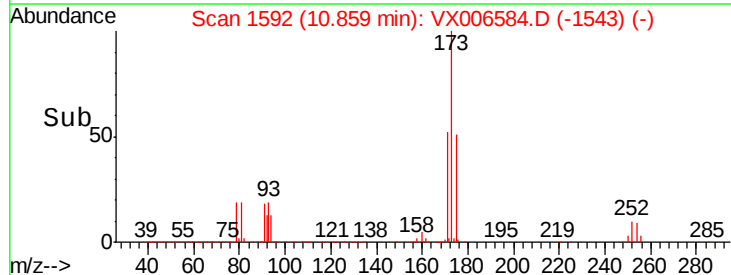
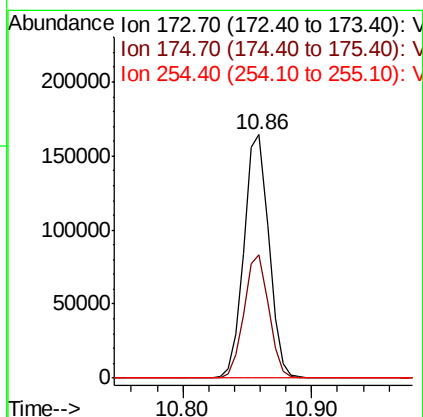
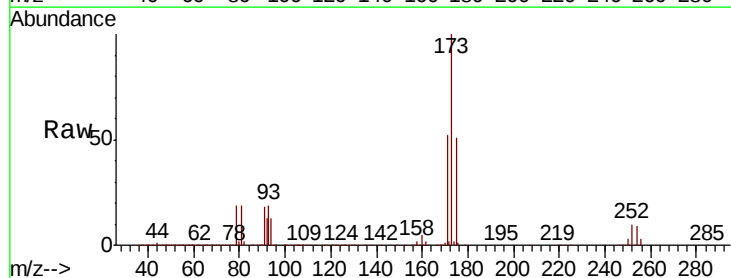
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

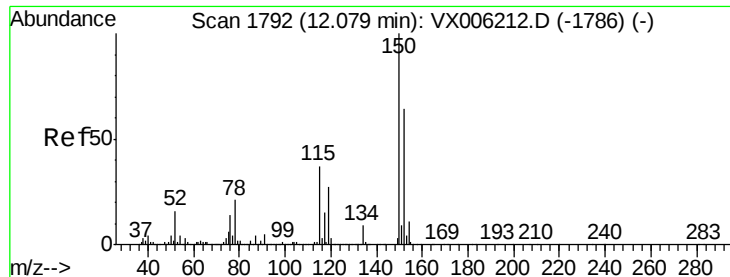
Tot Ion	Ratio	Lower	Upper
104	100		
78	47.1	37.2	55.8
103	55.2	43.5	65.3



#71
Bromoform
Concen: 34.609 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.6	73.8
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

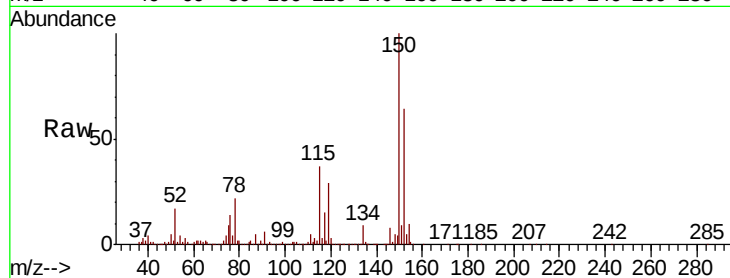
Tot Ion:152 Resp: 416278

Ion Ratio Lower Upper

152 100

115 79.6 39.0 116.9

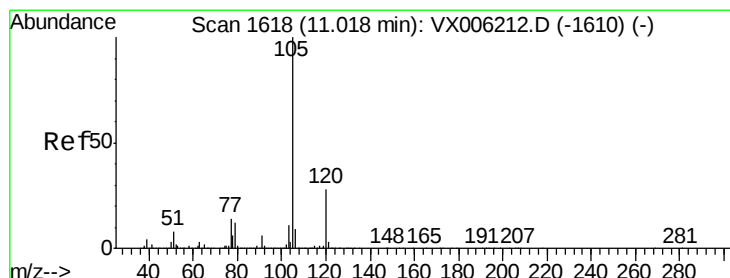
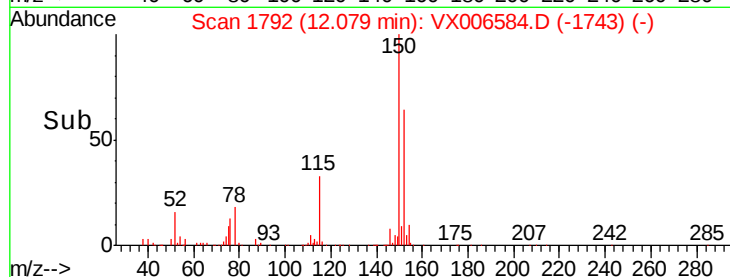
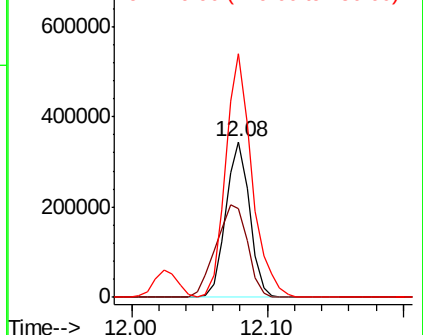
150 173.0 0.0 345.8



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



#73

Isopropylbenzene

Concen: 51.507 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006584.D

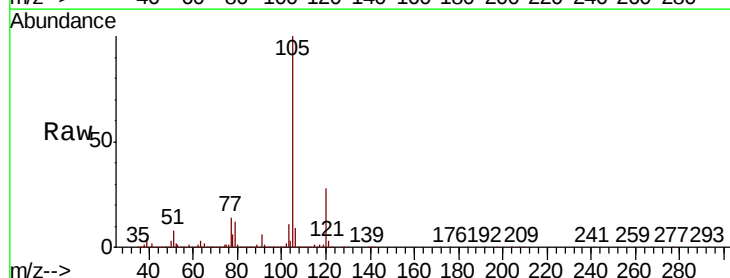
Acq: 17 Dec 2018 20:19

Tgt Ion:105 Resp: 1480705

Ion Ratio Lower Upper

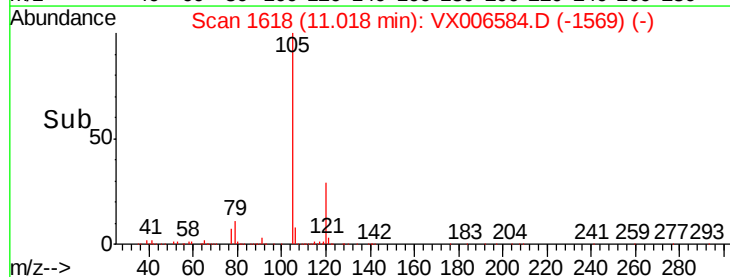
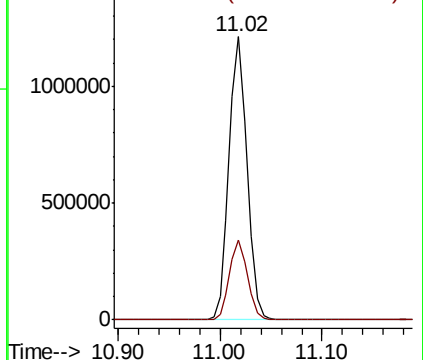
105 100

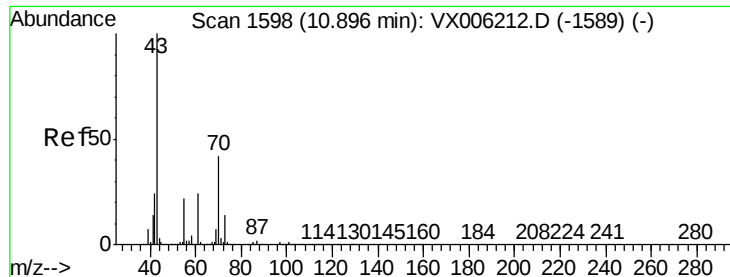
120 28.2 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 39.886 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

Tot Ion: 43 Resp: 493764

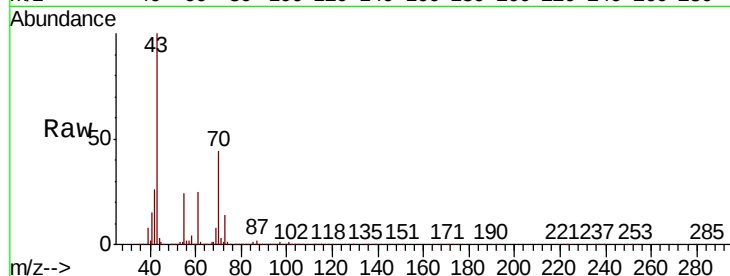
Ion Ratio Lower Upper

43 100

70 45.0 34.1 51.1

55 24.2 17.8 26.8

61 25.1 19.7 29.5

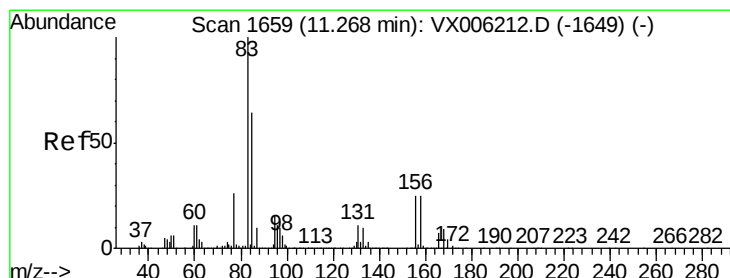
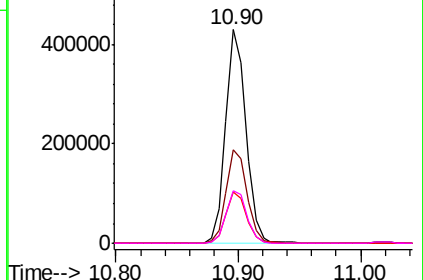
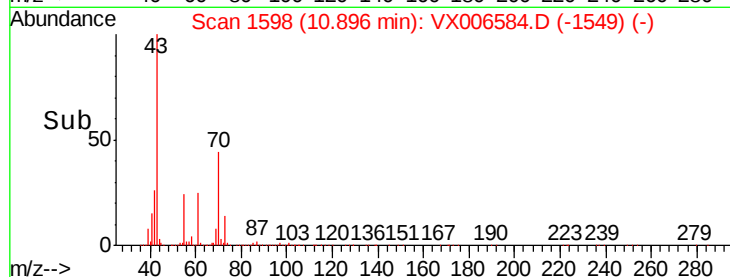


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 49.501 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

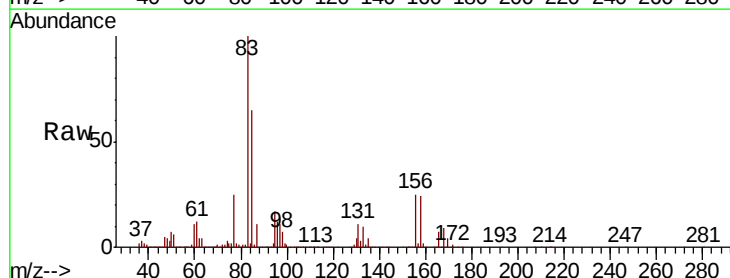
Tgt Ion: 83 Resp: 455263

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.1

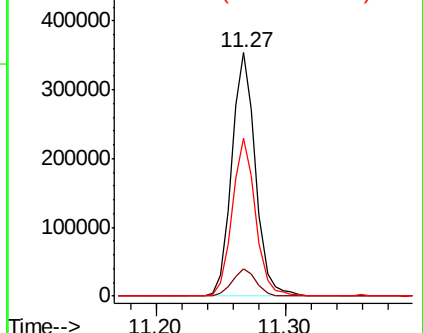
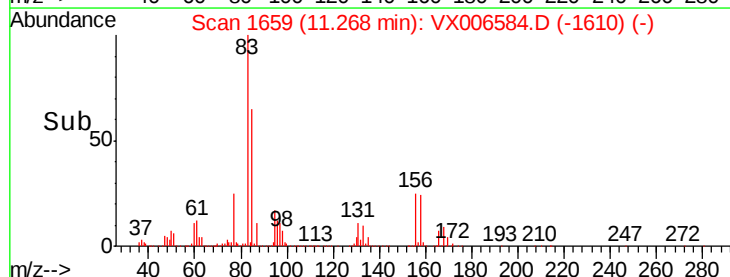
85 64.0 32.1 96.5

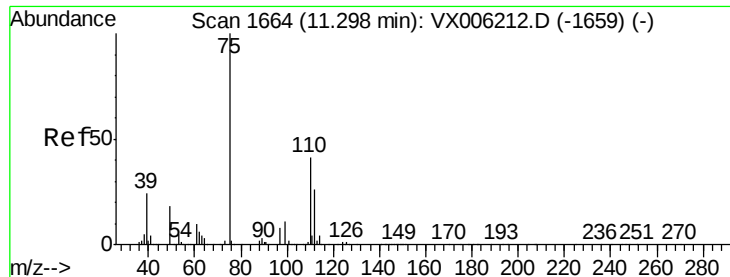


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 62.171 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

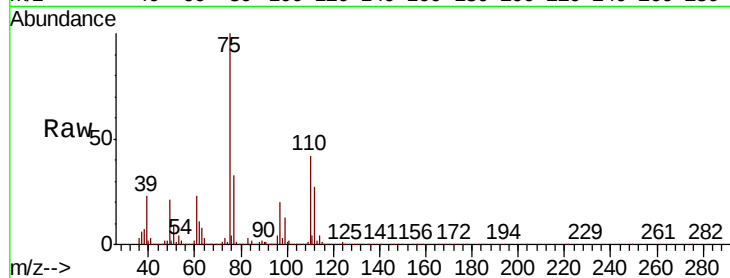
RE105D1-20181210MSD

Tot Ion: 75 Resp: 499532

Ion Ratio Lower Upper

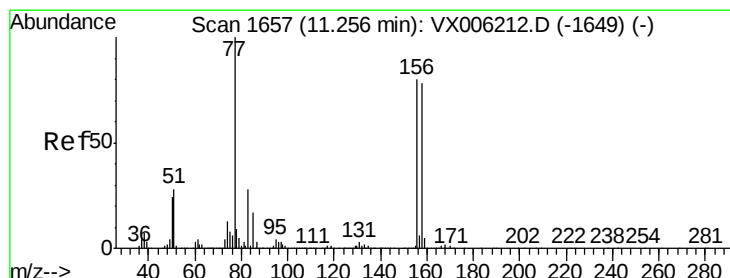
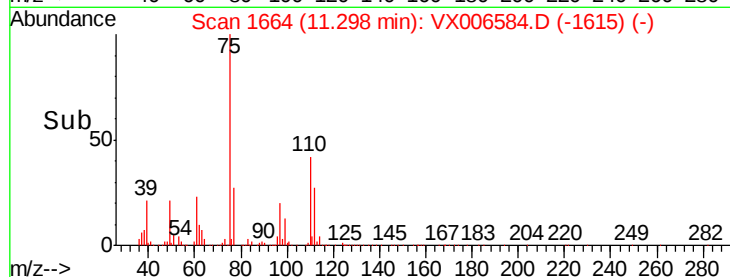
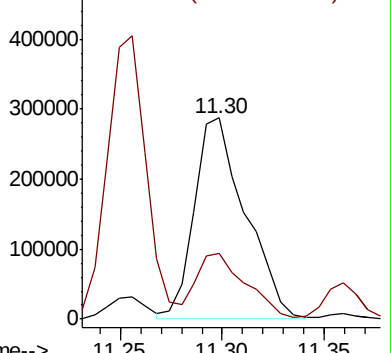
75 100

77 31.5 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 50.299 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

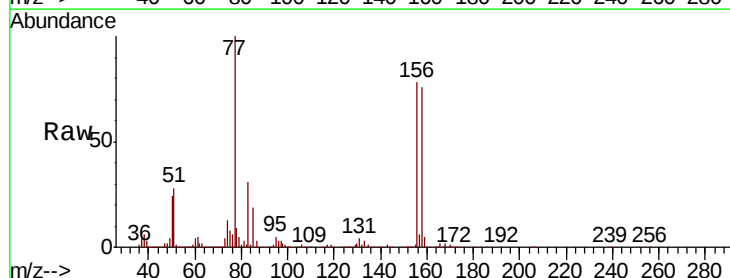
Tgt Ion: 156 Resp: 401287

Ion Ratio Lower Upper

156 100

77 134.4 66.2 198.6

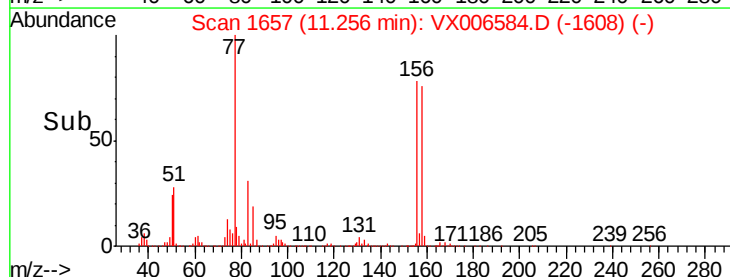
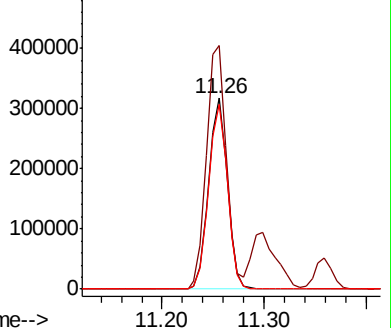
158 97.1 48.8 146.4

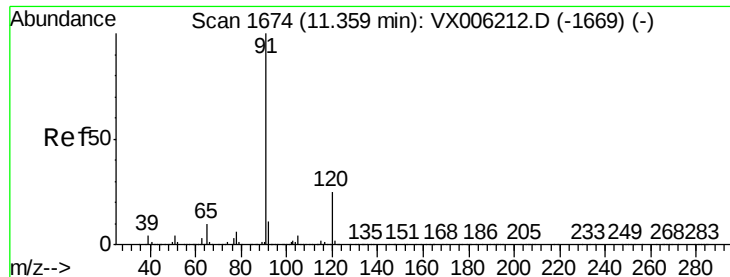


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 51.112 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

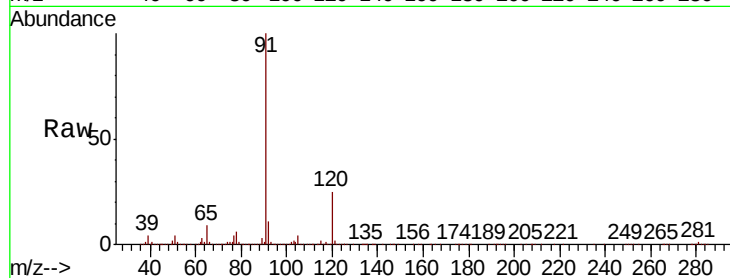
RE105D1-20181210MSD

Tot Ion: 91 Resp: 1633319

Ion Ratio Lower Upper

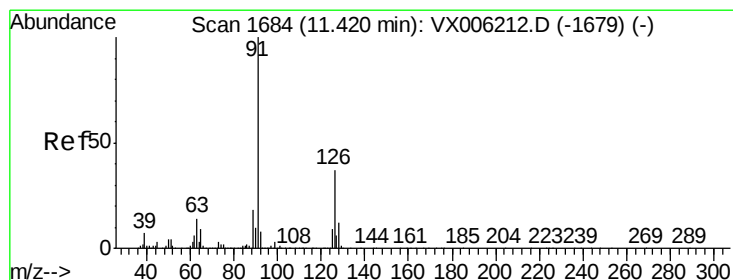
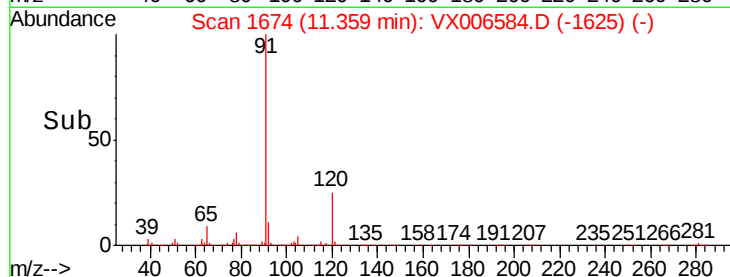
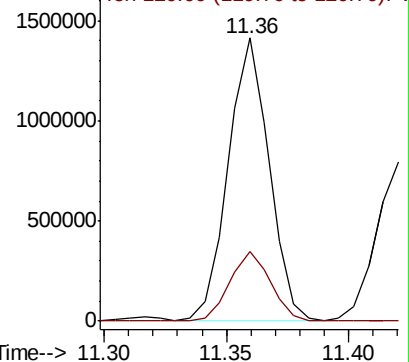
91 100

120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 50.970 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006584.D

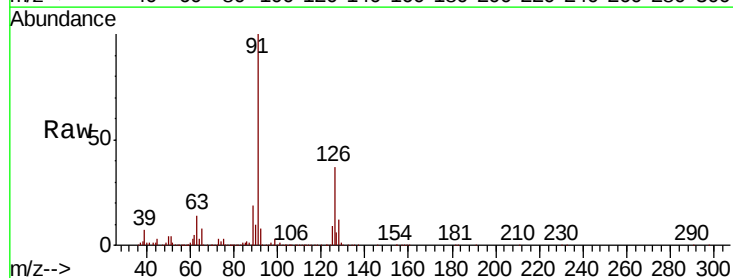
Acq: 17 Dec 2018 20:19

Tgt Ion: 91 Resp: 968083

Ion Ratio Lower Upper

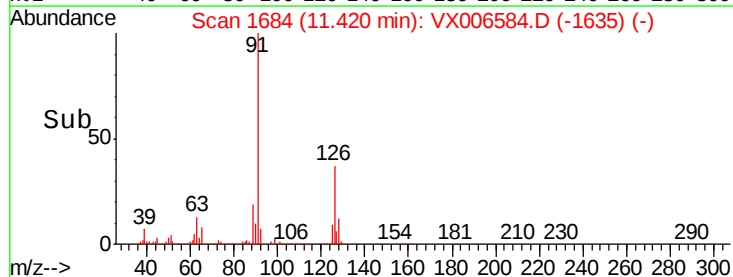
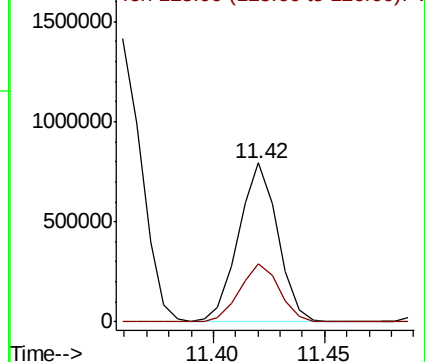
91 100

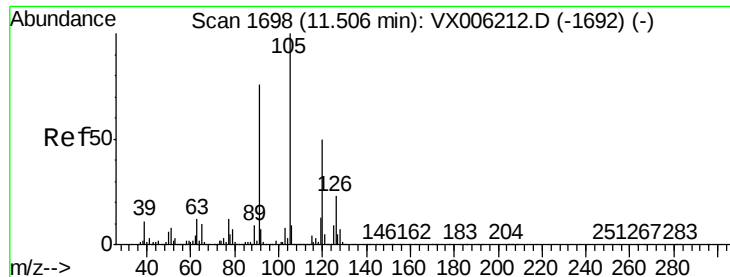
126 37.0 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 50.964 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

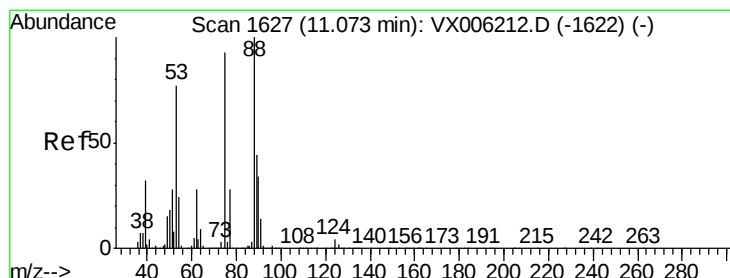
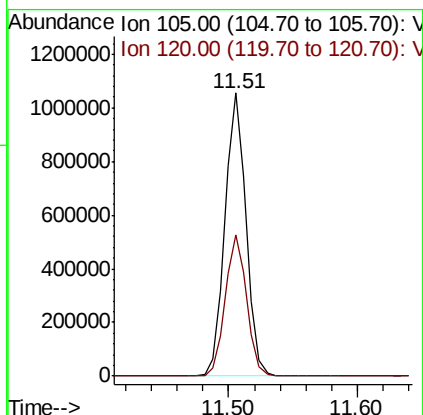
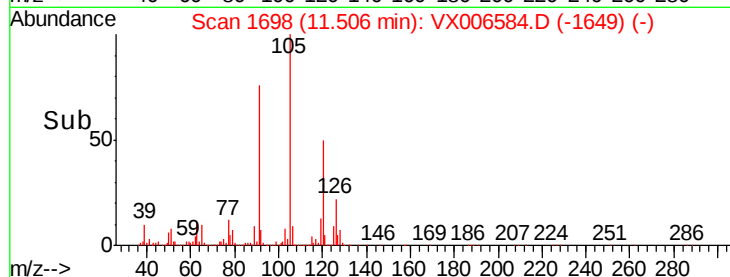
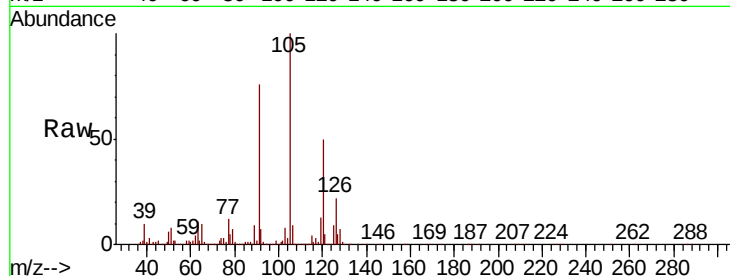
RE105D1-20181210MSD

Tot Ion:105 Resp: 1218992

Ion Ratio Lower Upper

105 100

120 50.2 25.4 76.0



#81

trans-1,4-Dichloro-2-butene

Concen: 31.910 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

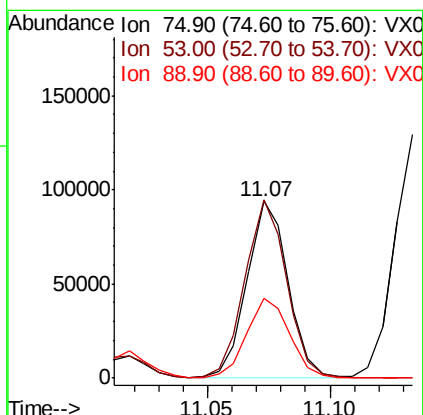
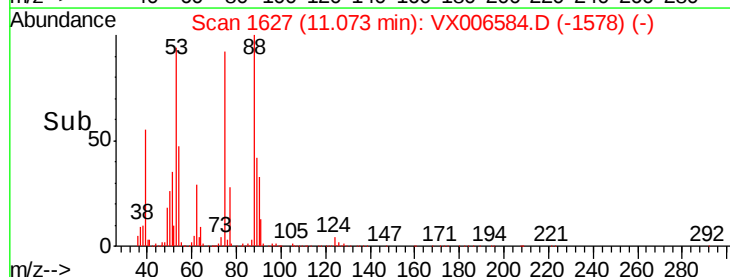
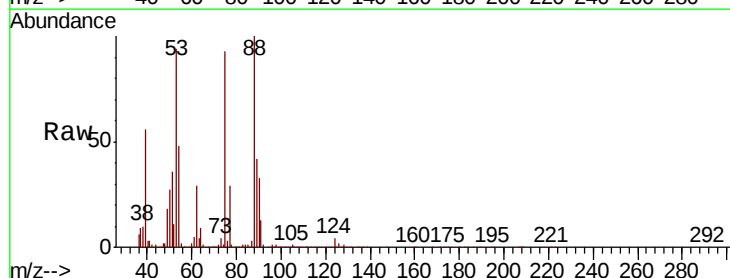
Tgt Ion: 75 Resp: 109254

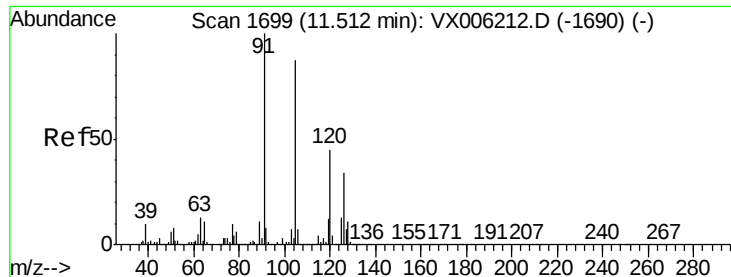
Ion Ratio Lower Upper

75 100

53 102.1 64.4 96.6#

89 47.9 44.2 66.4

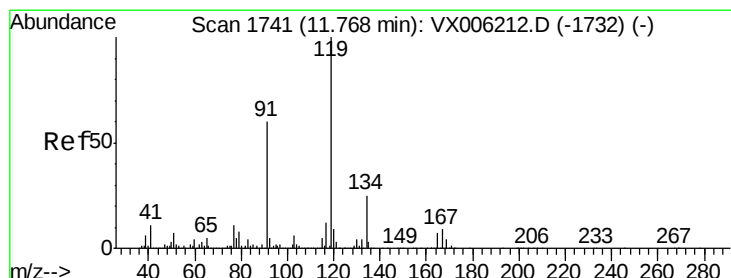
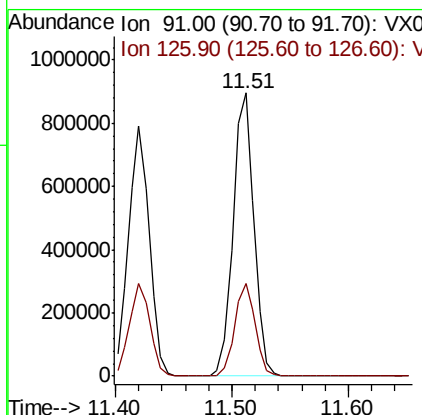
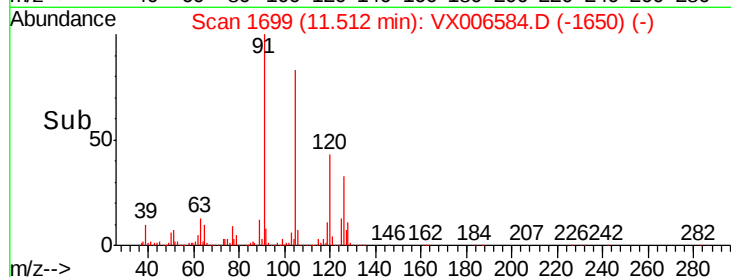
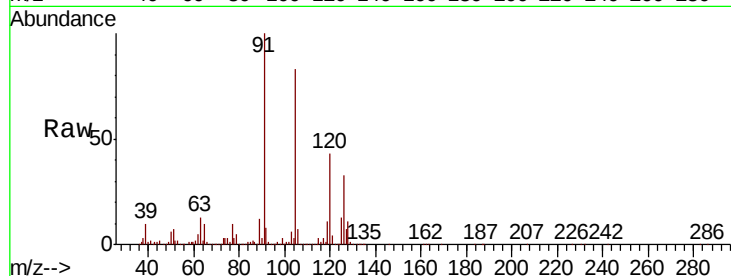




#82
4-Chlorotoluene
Concen: 50.615 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

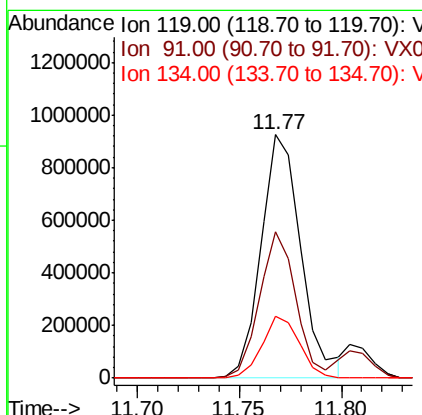
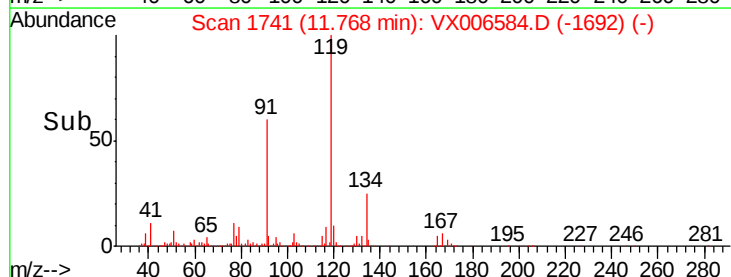
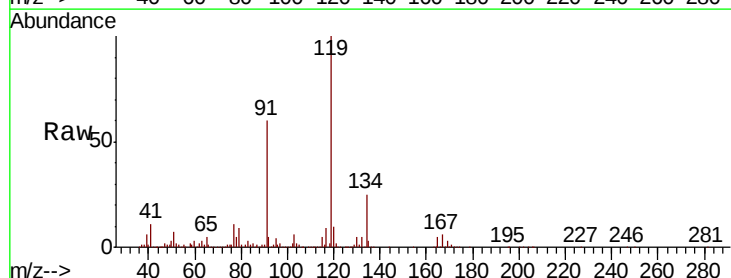
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

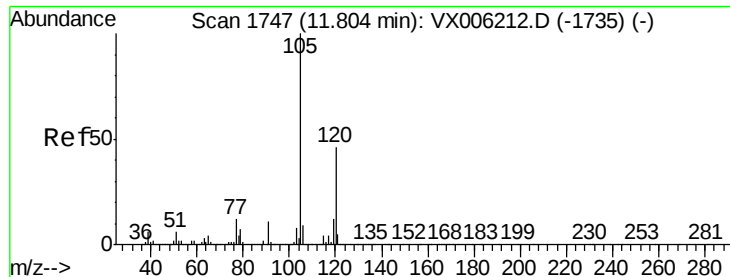
Tot Ion: 91 Resp: 1117722
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4



#83
tert-Butylbenzene
Concen: 49.407 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion: 119 Resp: 1260880
Ion Ratio Lower Upper
119 100
91 54.7 26.4 79.2
134 24.0 11.6 34.7

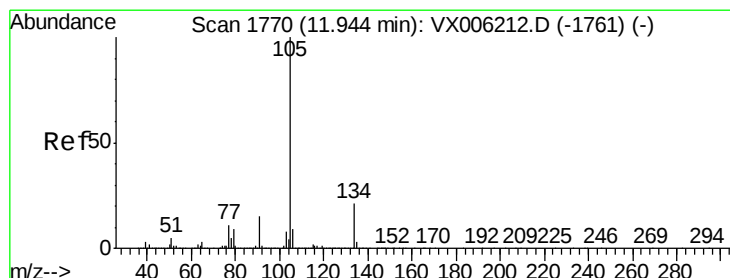
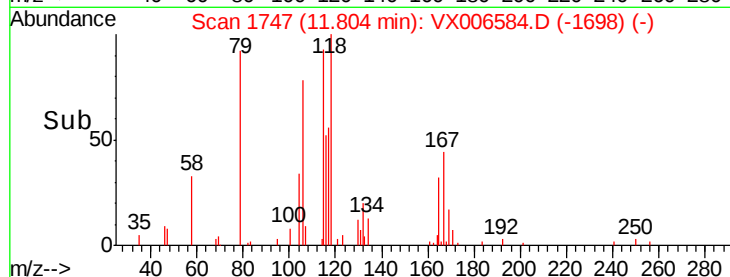
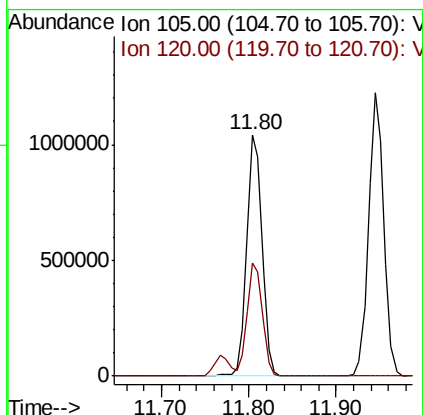
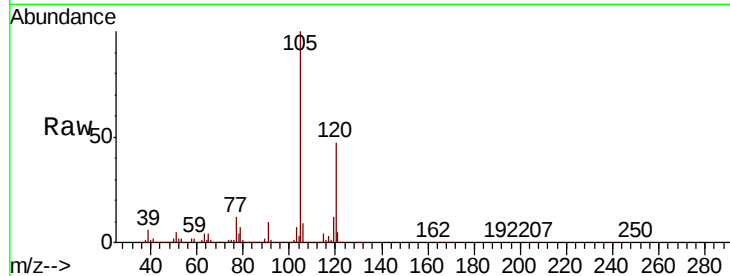




#84
 1,2,4-Trimethylbenzene
 Concen: 51.143 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006584.D
 Acq: 17 Dec 2018 20:19

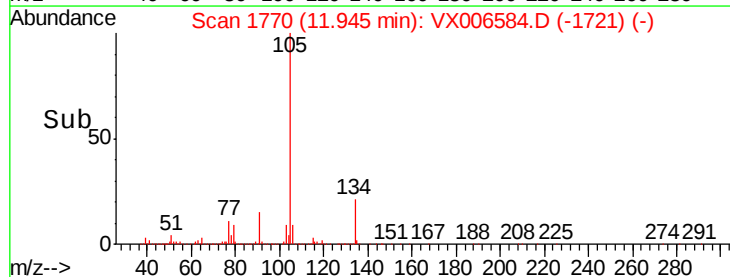
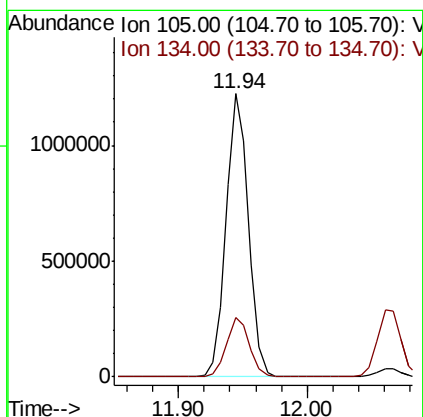
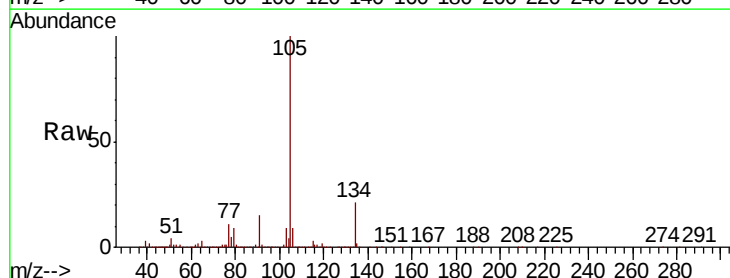
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MSD

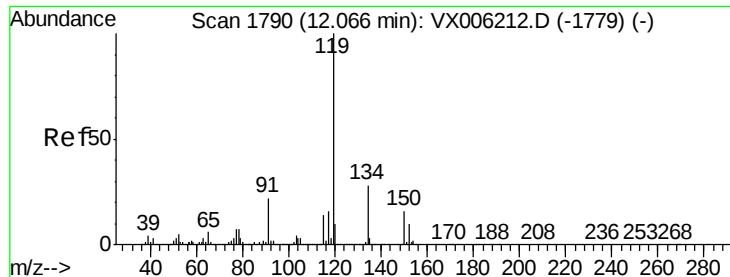
Tot Ion:105 Resp: 1263157
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.4 70.0



#85
 sec-Butylbenzene
 Concen: 51.424 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006584.D
 Acq: 17 Dec 2018 20:19

Tgt Ion:105 Resp: 1492991
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.8 32.4

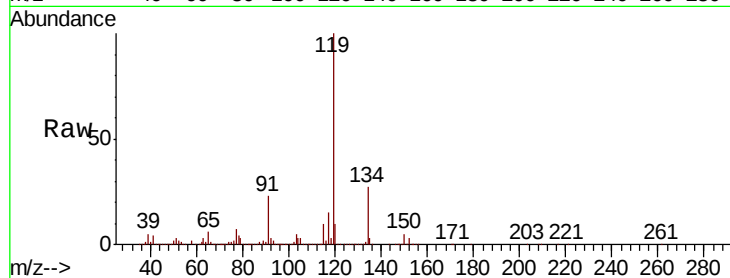




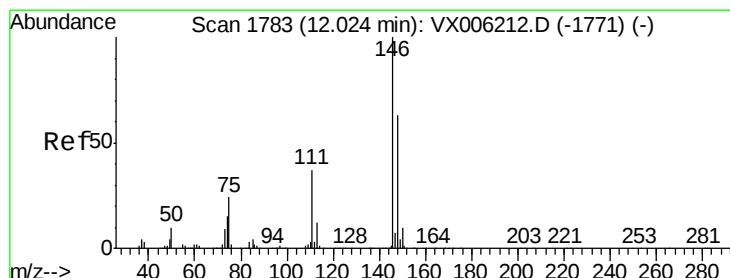
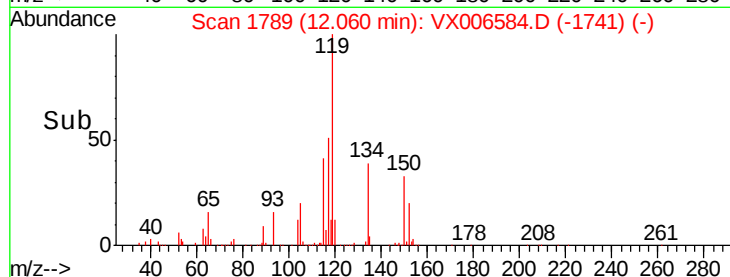
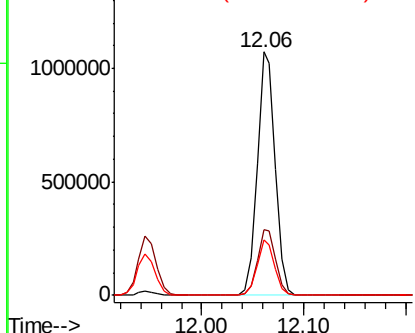
#86
p-Isopropyltoluene
Concen: 50.752 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.01 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

Tot Ion:119 Resp: 1326833
Ion Ratio Lower Upper
119 100
134 27.4 13.9 41.6
91 22.5 11.3 33.8

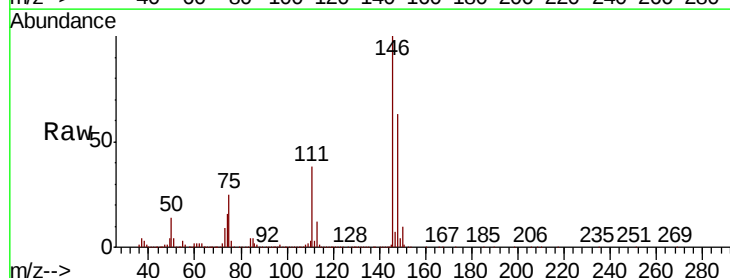


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

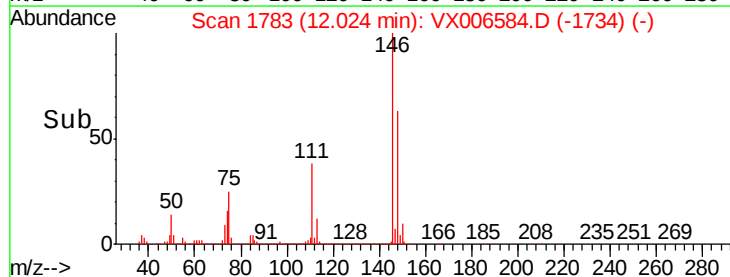
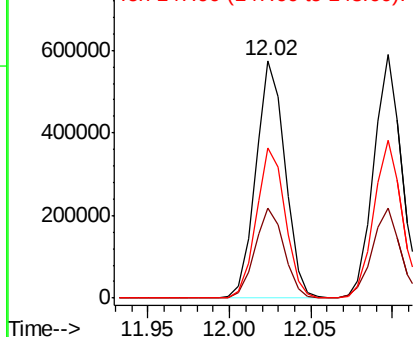


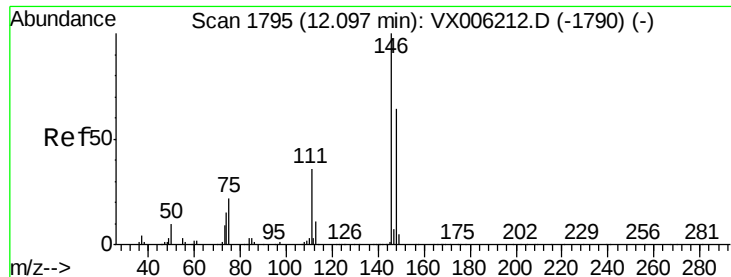
#87
1,3-Dichlorobenzene
Concen: 50.393 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion:146 Resp: 715358
Ion Ratio Lower Upper
146 100
111 37.7 18.4 55.2
148 62.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

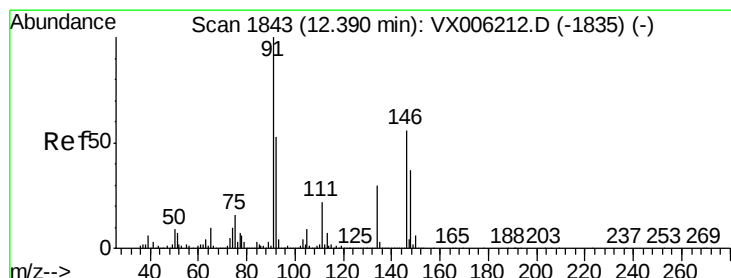
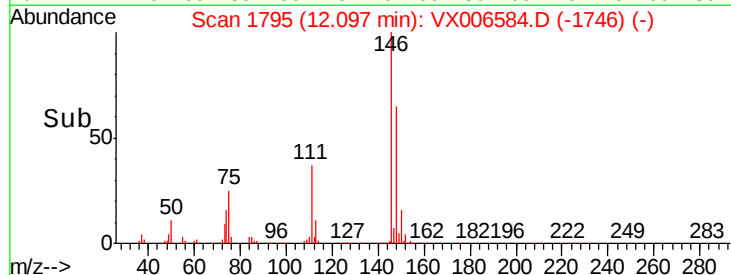
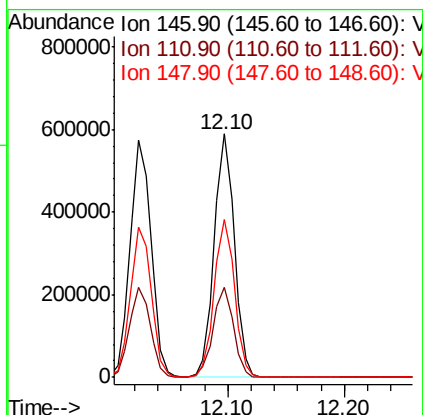
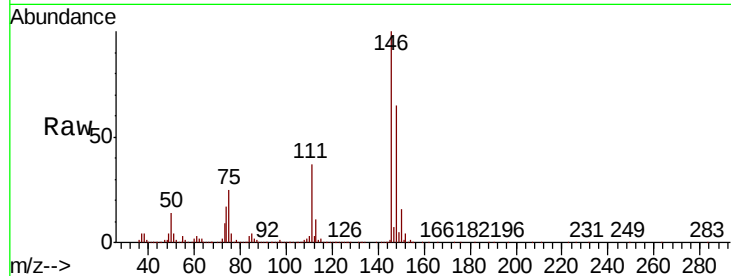




#88
 1,4-Dichlorobenzene
 Concen: 48.613 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006584.D
 Acq: 17 Dec 2018 20:19

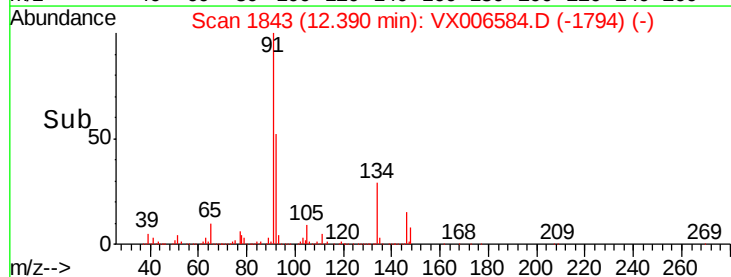
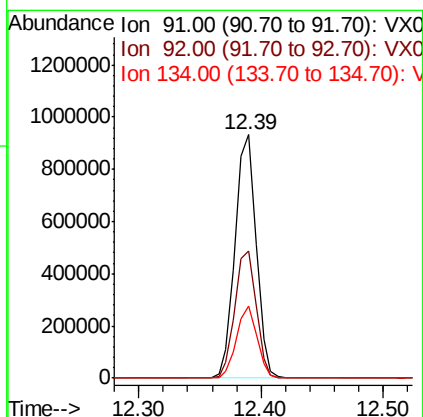
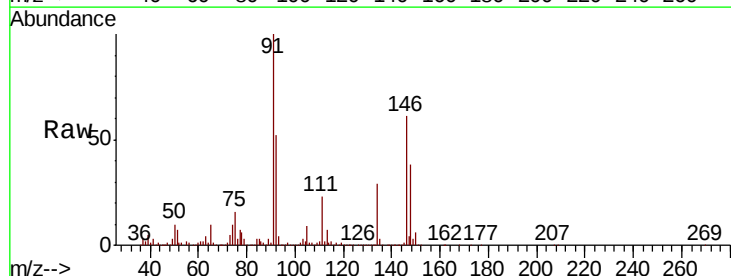
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MSD

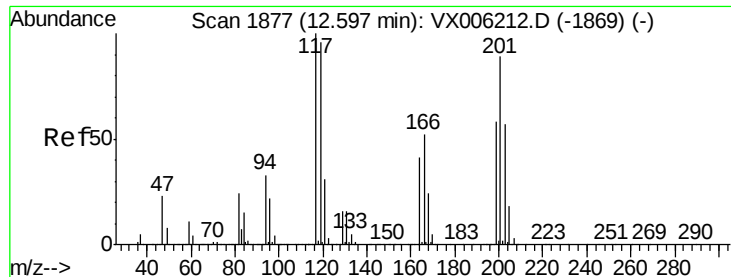
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.3	54.8
148	65.5	31.9	95.9



#89
 n-Butylbenzene
 Concen: 49.467 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006584.D
 Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.8
134	28.5	14.8	44.3





#90

Hexachloroethane

Concen: 35.060 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

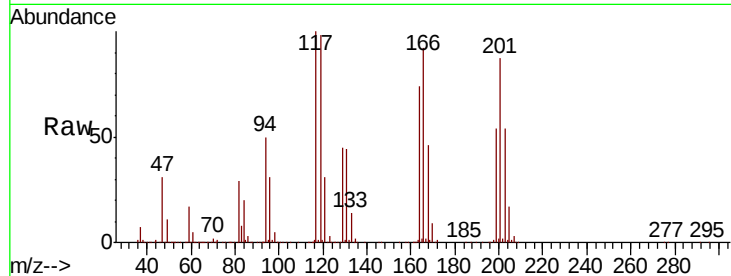
RE105D1-20181210MSD

Tot Ion:117 Resp: 186808

Ion Ratio Lower Upper

117 100

201 86.3 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.60

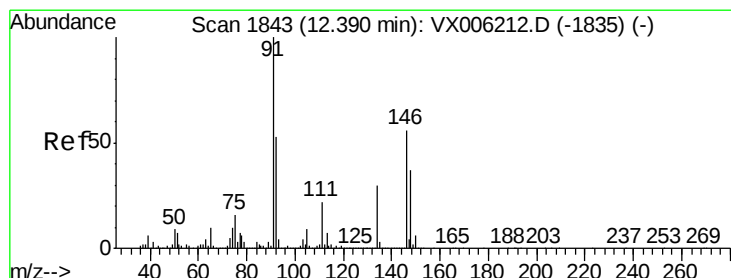
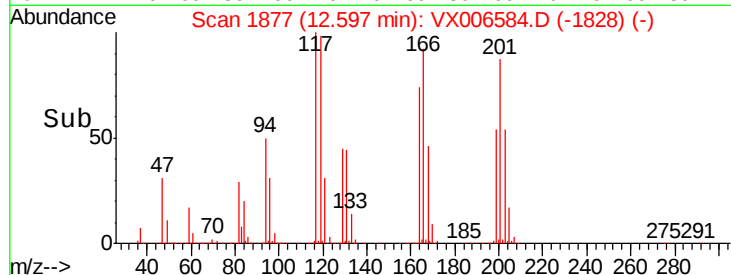
150000

100000

50000

0

Time--> 12.50 12.55 12.60 12.65



#91

1,2-Dichlorobenzene

Concen: 49.578 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

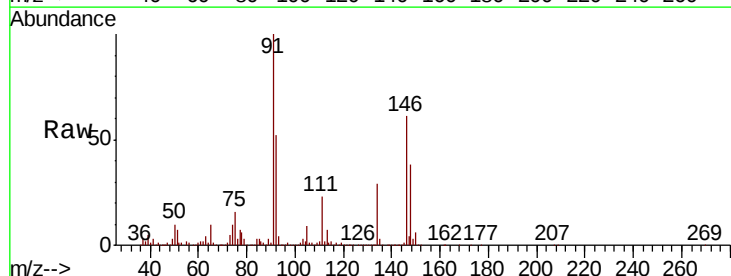
Tgt Ion:146 Resp: 698497

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.3

148 65.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.39

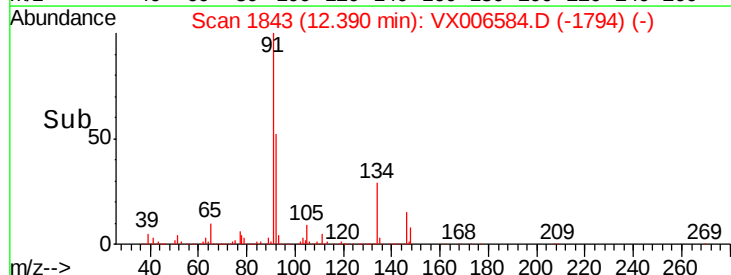
600000

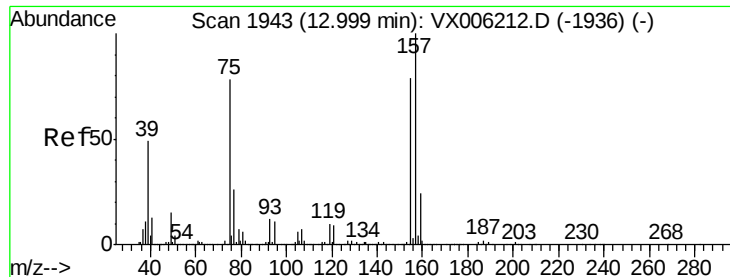
400000

200000

0

Time--> 12.30 12.40 12.50





#92

1,2-Dibromo-3-Chloropropane

Concen: 39.987 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MSD

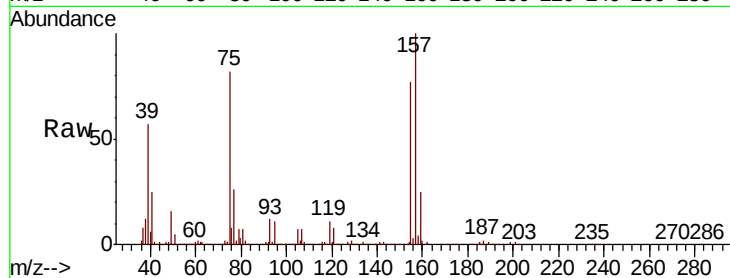
Tot Ion: 75 Resp: 94273

Ion Ratio Lower Upper

75 100

155 101.2 53.4 160.3

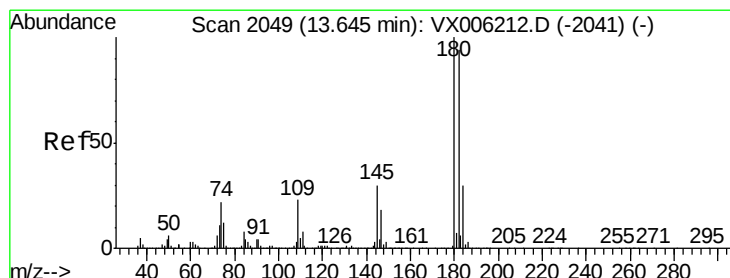
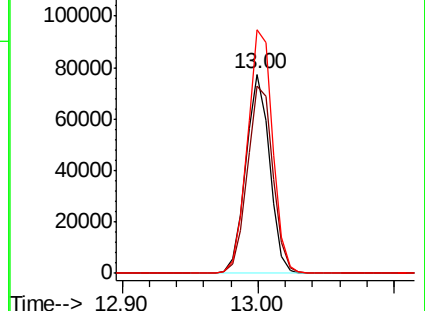
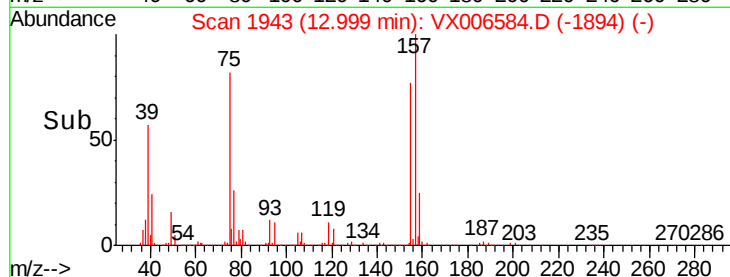
157 130.4 68.0 203.8



Abundance Ion 74.90 (74.60 to 75.60): VX006584.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX006584.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX006584.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.226 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX006584.D

Acq: 17 Dec 2018 20:19

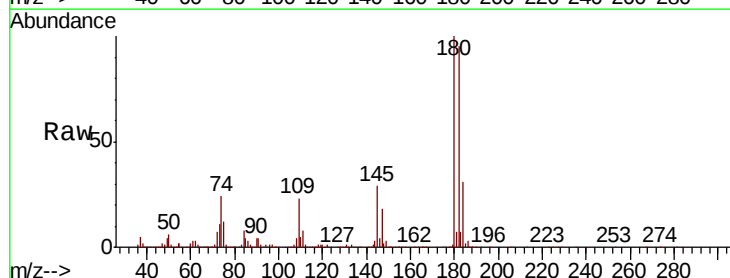
Tgt Ion: 180 Resp: 485421

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

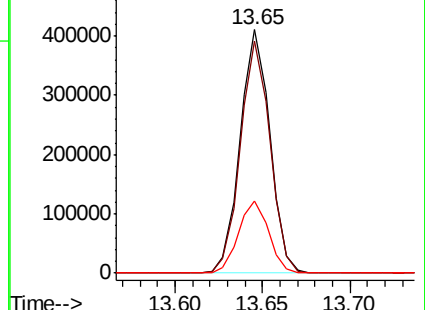
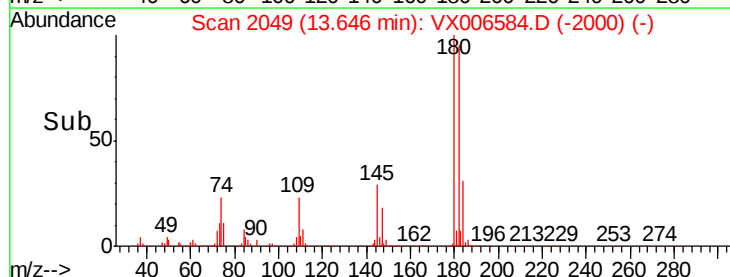
145 30.1 14.6 43.8

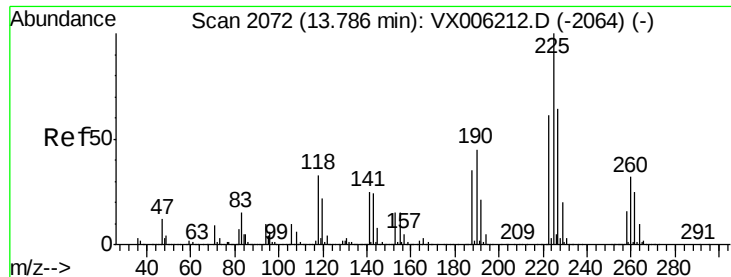


Abundance Ion 179.80 (179.50 to 180.50): VX006584.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX006584.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX006584.D (-2000) (-)

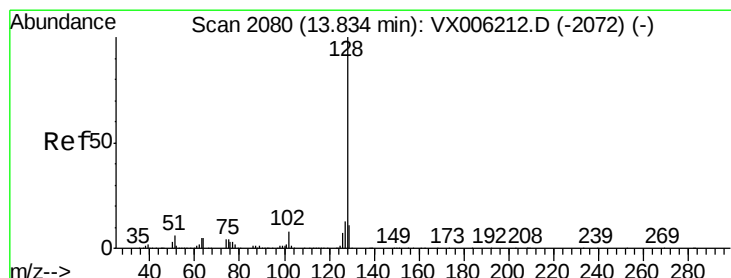
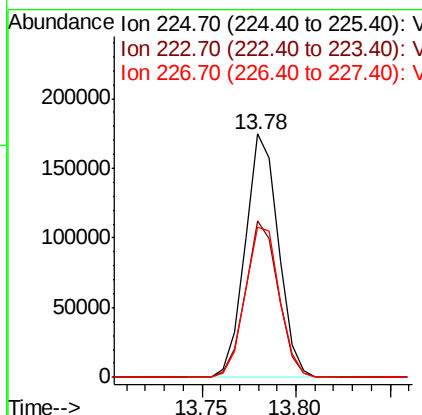
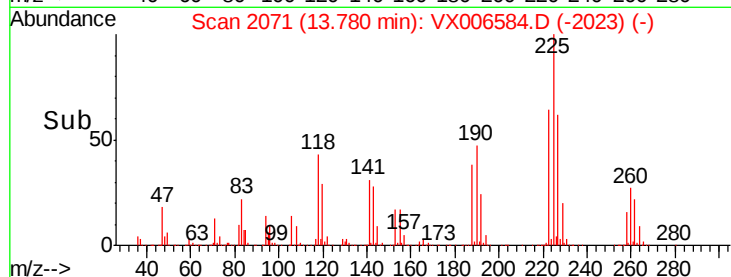
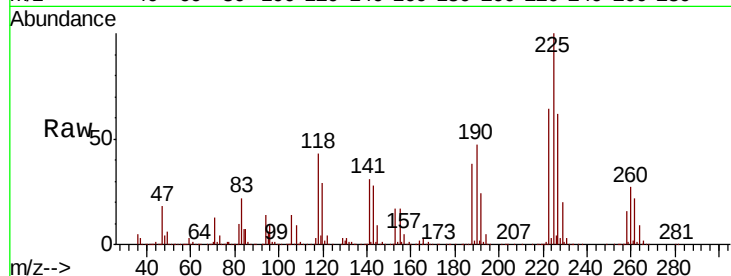




#94
Hexachlorobutadiene
Concen: 46.840 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

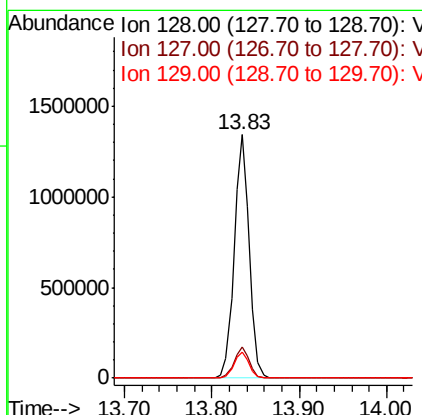
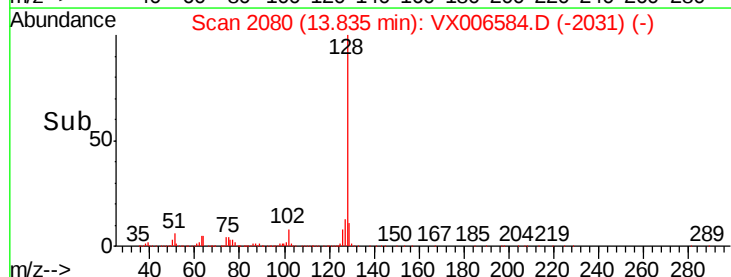
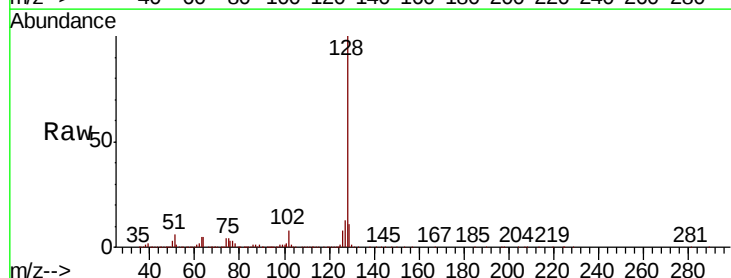
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MSD

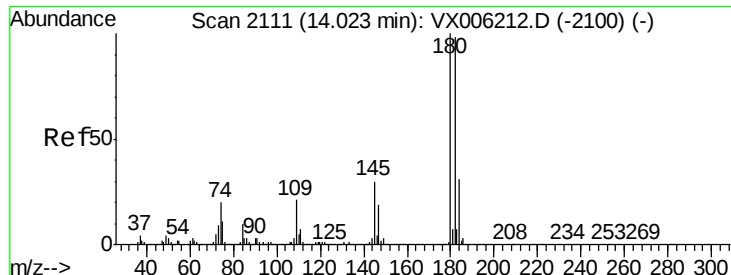
Tot Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.2	93.6
227	64.0	31.9	95.5



#95
Naphthalene
Concen: 50.129 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006584.D
Acq: 17 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 48.982 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: VX006584.D
 Acq: 17 Dec 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.4	145.2
145	31.1	15.6	46.8

