

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006583.D
 Acq On : 17 Dec 2018 19:52
 Operator : JC/MD
 Sample : J6405-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MS

Quant Time: Dec 18 00:42:20 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	5.66	168	574159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	915965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	839832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	424378	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	297112	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	5.51	113	270112	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
50) Toluene-d8	8.71	98	985692	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
62) 4-Bromofluorobenzene	11.13	95	369253	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	247886	44.094	ug/l	98
3) Chloromethane	1.33	50	270669	46.852	ug/l	99
4) Vinyl Chloride	1.41	62	298624	48.028	ug/l	99
5) Bromomethane	1.64	94	286822	66.562	ug/l	100
6) Chloroethane	1.71	64	194016	50.892	ug/l	100
7) Trichlorofluoromethane	1.93	101	482345	50.537	ug/l	97
8) Diethyl Ether	2.19	74	184905	51.189	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	295350	54.421	ug/l	98
10) Methyl Iodide	2.51	142	442332	54.082	ug/l	98
11) Tert butyl alcohol	3.08	59	386041	240.836	ug/l	99
12) 1,1-Dichloroethene	2.37	96	267786	51.543	ug/l	94
13) Acrolein	2.30	56	250570	286.007	ug/l	99
14) Allyl chloride	2.73	41	455837	44.416	ug/l	99
15) Acrylonitrile	3.15	53	852421	254.842	ug/l	99
16) Acetone	2.45	43	717687	260.916	ug/l	97
17) Carbon Disulfide	2.57	76	667319	41.684	ug/l	99
18) Methyl Acetate	2.78	43	448537	48.761	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	922591	49.779	ug/l	100
20) Methylene Chloride	2.86	84	300053	51.256	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	280430	50.651	ug/l	93
22) Diisopropyl ether	3.87	45	844226	52.665	ug/l	99
23) Vinyl Acetate	3.82	43	3122571	228.385	ug/l	100
24) 1,1-Dichloroethane	3.70	63	481851	52.590	ug/l	100
25) 2-Butanone	4.70	43	1072099	273.162	ug/l	100
26) 2,2-Dichloropropane	4.59	77	317358	37.531	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	337682	54.680	ug/l	97
28) Bromochloromethane	5.02	49	206534	51.606	ug/l	96
29) Tetrahydrofuran	5.15	42	732019	268.364	ug/l	98
30) Chloroform	5.21	83	523408	54.360	ug/l	98
31) Cyclohexane	5.57	56	429063	50.672	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	449997	49.119	ug/l	99
36) 1,1-Dichloropropene	5.80	75	380434	49.321	ug/l	99
37) Ethyl Acetate	4.85	43	383458	44.392	ug/l	100
38) Carbon Tetrachloride	5.78	117	368549	40.615	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	470640	47.006	ug/l	97
40) Benzene	6.14	78	1177892	50.986	ug/l	100
41) Methacrylonitrile	5.06	41	230600	48.516	ug/l	99
42) 1,2-Dichloroethane	6.20	62	396655	52.461	ug/l	100
43) Isopropyl Acetate	6.46	43	618607	42.953	ug/l	99
44) Trichloroethene	7.21	130	1163648	166.267	ug/l	95
45) 1,2-Dichloropropane	7.52	63	288217	49.088	ug/l	99
46) Dibromomethane	7.66	93	211521	49.881	ug/l	94
47) Bromodichloromethane	7.90	83	362094	44.094	ug/l	99
48) Methyl methacrylate	7.77	41	320889	45.800	ug/l	96
49) 1,4-Dioxane	7.76	88	180460	1045.037	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2045870	244.020	ug/l	98
52) Toluene	8.79	92	779001	51.254	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	387551	40.354	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	429038	43.022	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	318640	51.605	ug/l	99
56) Ethyl methacrylate	9.18	69	440902	45.675	ug/l	98
57) 1,3-Dichloropropane	9.37	76	509168	52.148	ug/l	99
59) 2-Hexanone	9.49	43	1553539	242.535	ug/l	99
60) Dibromochloromethane	9.58	129	305391	40.110	ug/l	100
61) 1,2-Dibromoethane	9.67	107	345955	50.108	ug/l	99
64) Tetrachloroethene	9.34	164	321218	50.788	ug/l	98
65) Chlorobenzene	10.14	112	888176	49.820	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	296965	42.872	ug/l	98
67) Ethyl Benzene	10.25	91	1471390	49.623	ug/l	100
68) m/p-Xylenes	10.36	106	1161242	97.769	ug/l	99
69) o-Xylene	10.70	106	576132	49.108	ug/l	100
70) Stvrene	10.71	104	920953	48.535	ug/l	99
71) Bromoform	10.86	173	219921	33.634	ug/l #	99
73) Isopropylbenzene	11.02	105	1524267	52.010	ug/l	100
74) N-amyl acetate	10.90	43	496995	39.381	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	463149	49.398	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	513237	62.657	ug/l	85
77) Bromobenzene	11.26	156	396929	48.803	ug/l	97
78) n-propylbenzene	11.36	91	1666481	51.154	ug/l	100
79) 2-Chlorotoluene	11.42	91	990571	51.158	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1243060	50.978	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	108661	31.131	ug/l #	78
82) 4-Chlorotoluene	11.51	91	1137913	50.546	ug/l	99
83) tert-Butylbenzene	11.77	119	1265158	48.628	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1285906	51.071	ug/l	100
85) sec-Butylbenzene	11.94	105	1511672	51.073	ug/l	100
86) p-Isopropyltoluene	12.06	119	1349366	50.629	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	715249	49.423	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	716313	48.766	ug/l	100
89) n-Butylbenzene	12.39	91	1124067	49.430	ug/l	99
90) Hexachloroethane	12.60	117	187441	34.507	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	711441	49.533	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	97072	40.389	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	490978	46.855	ug/l	99

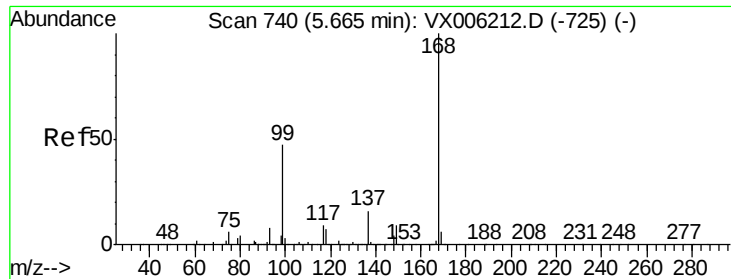
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	214983	46.392	ug/l	99
95) Naphthalene	13.83	128	1615246	49.555	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	498536	48.034	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

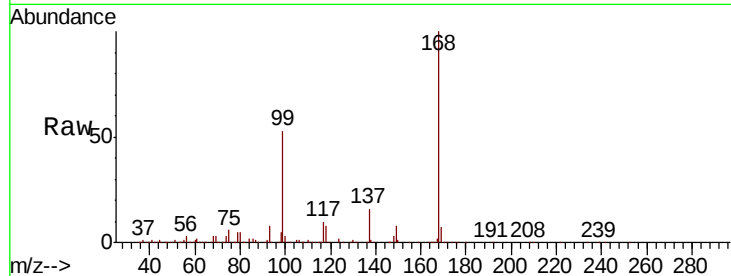
RE105D1-20181210MS

Tot Ion:168 Resp: 574159

Ion Ratio Lower Upper

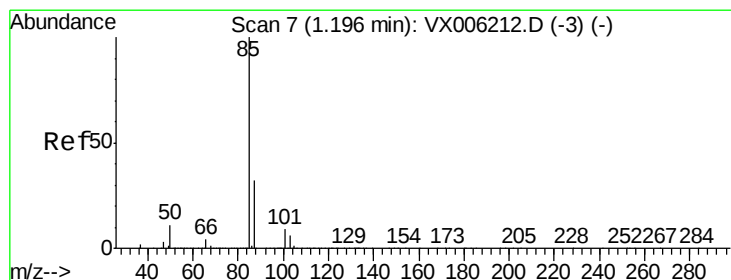
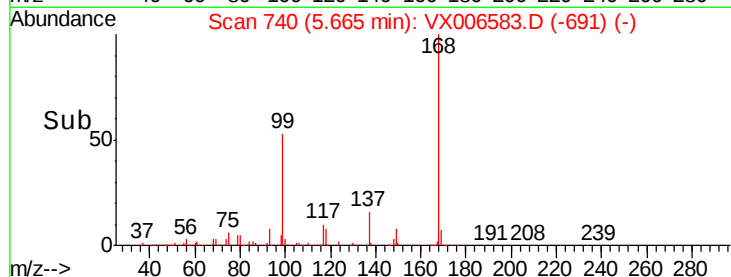
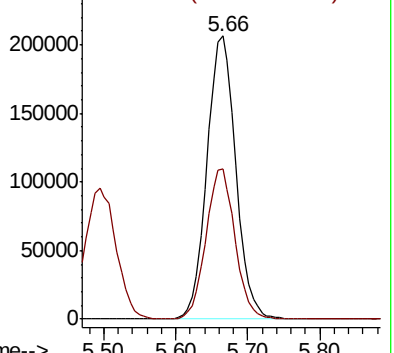
168 100

99 52.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.094 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006583.D

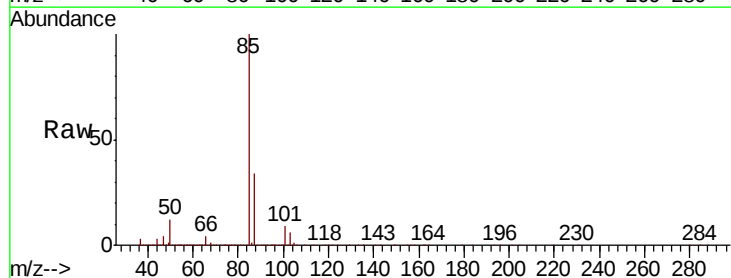
Acq: 17 Dec 2018 19:52

Tgt Ion: 85 Resp: 247886

Ion Ratio Lower Upper

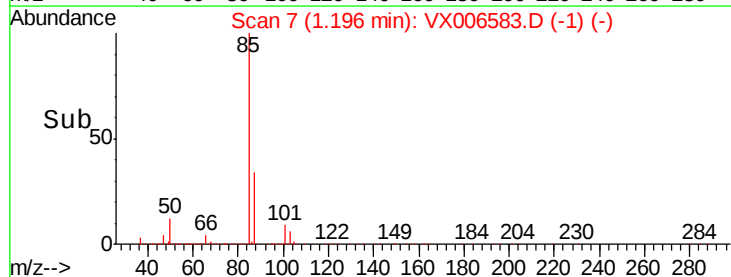
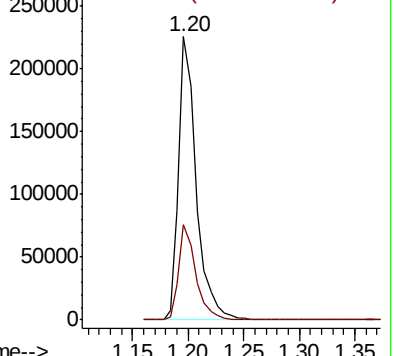
85 100

87 33.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.852 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

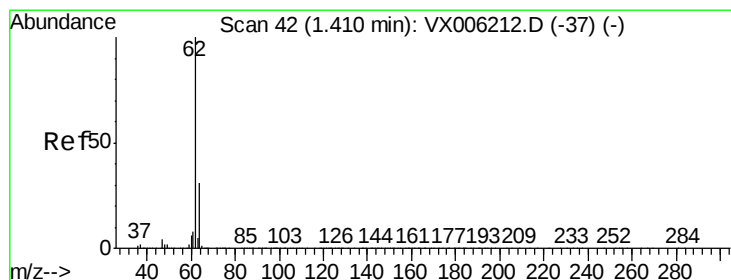
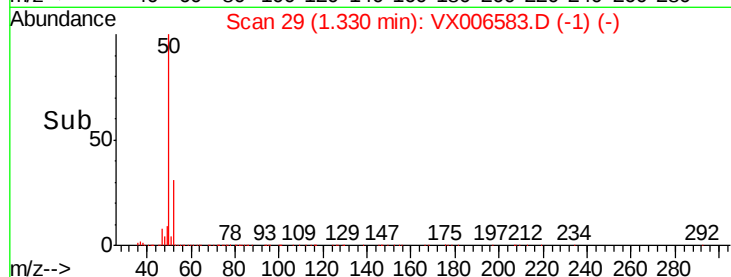
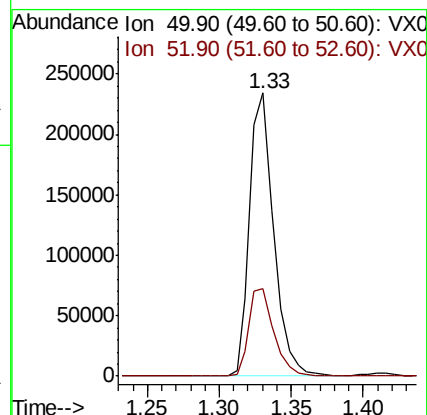
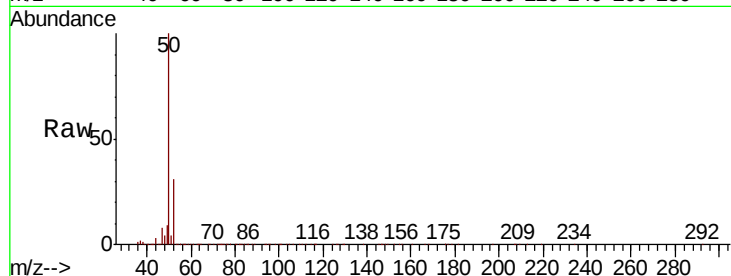
RE105D1-20181210MS

Tot Ion: 50 Resp: 270669

Ion Ratio Lower Upper

50 100

52 31.1 25.2 37.8



#4

Vinyl Chloride

Concen: 48.028 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006583.D

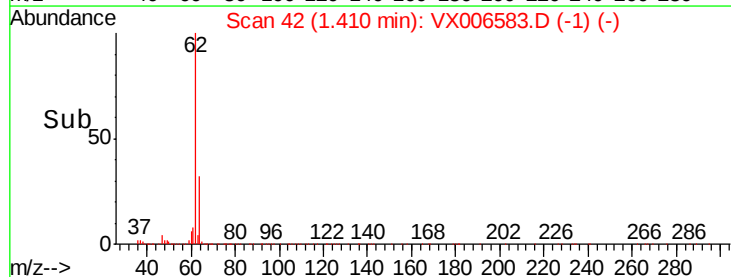
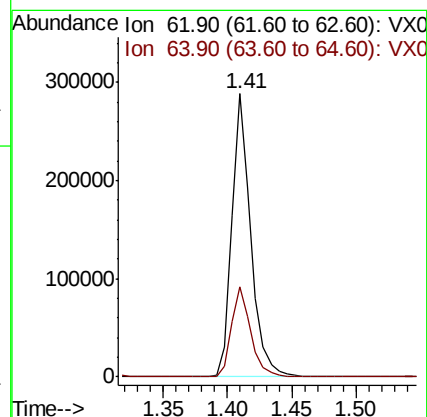
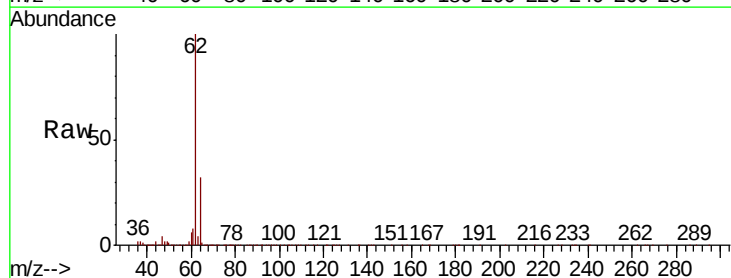
Acq: 17 Dec 2018 19:52

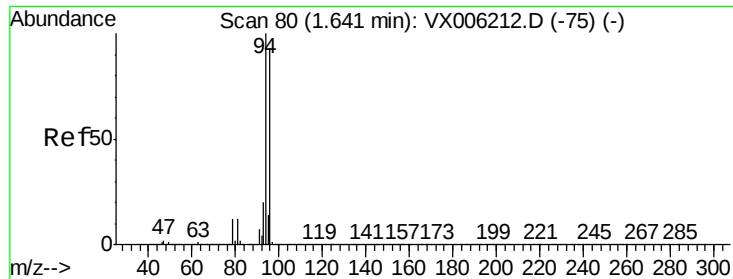
Tgt Ion: 62 Resp: 298624

Ion Ratio Lower Upper

62 100

64 31.7 24.9 37.3





#5

Bromomethane

Concen: 66.562 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

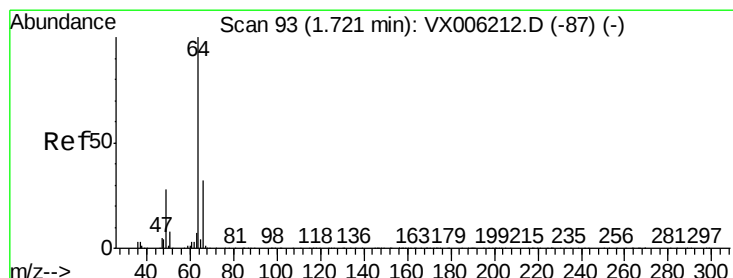
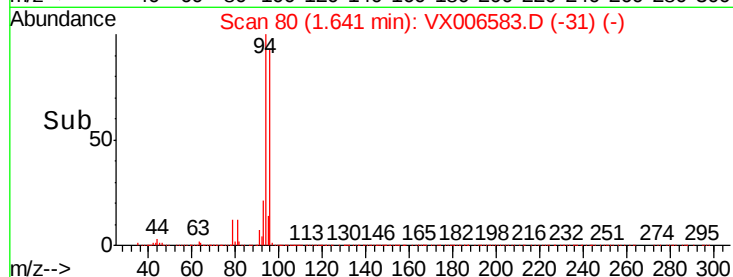
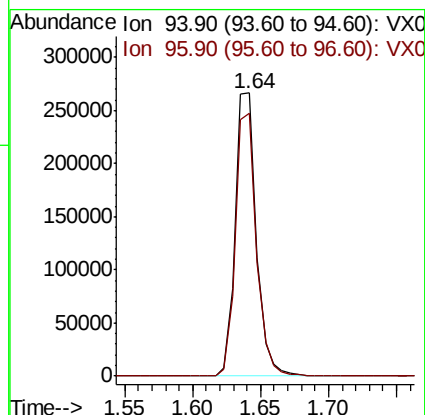
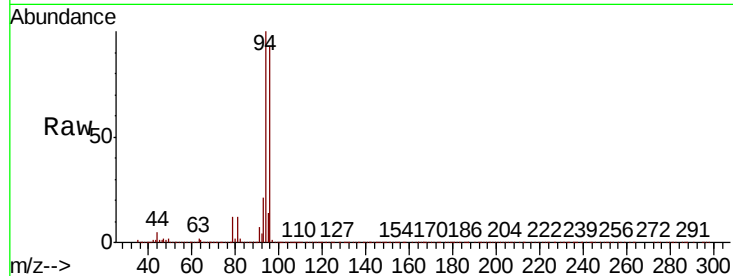
RE105D1-20181210MS

Tot Ion: 94 Resp: 286822

Ion Ratio Lower Upper

94 100

96 92.9 74.5 111.7



#6

Chloroethane

Concen: 50.892 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006583.D

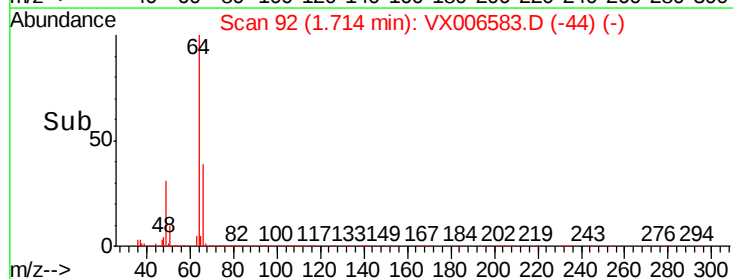
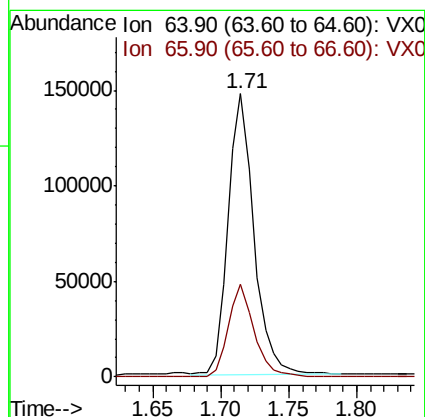
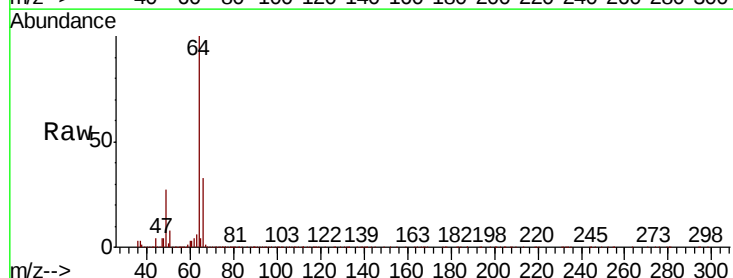
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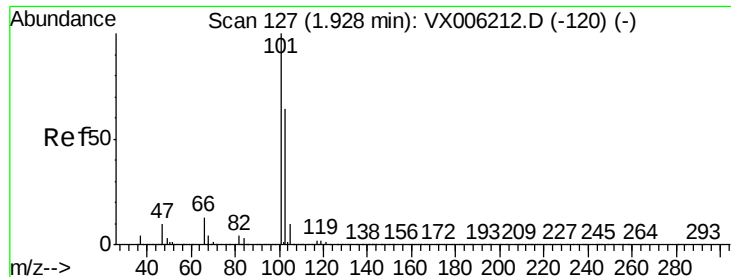
Tgt Ion: 64 Resp: 194016

Ion Ratio Lower Upper

64 100

66 32.7 25.9 38.9



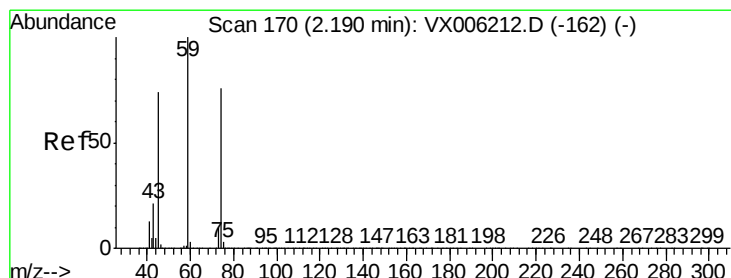
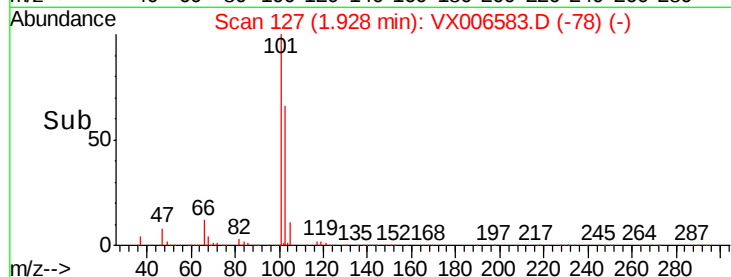
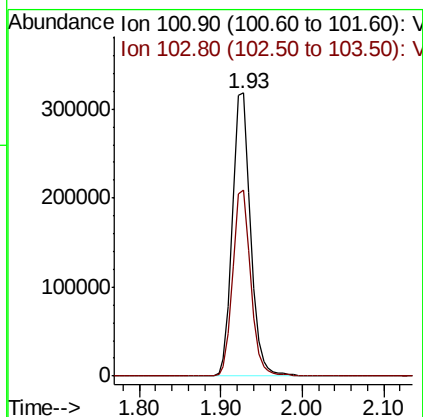
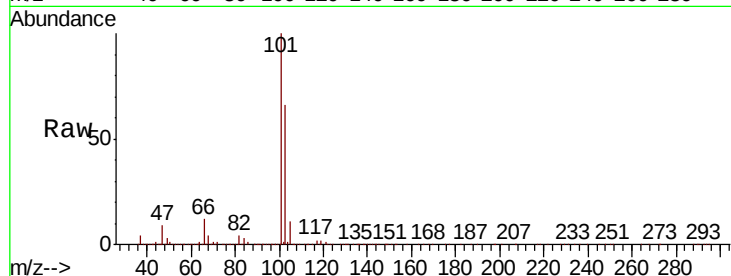


#7

Trichlorofluoromethane
Concen: 50.537 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006583.D
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Instrument :
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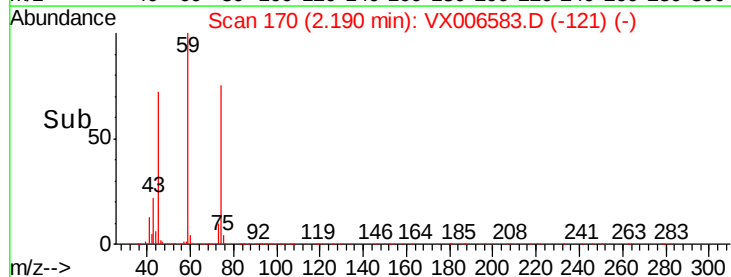
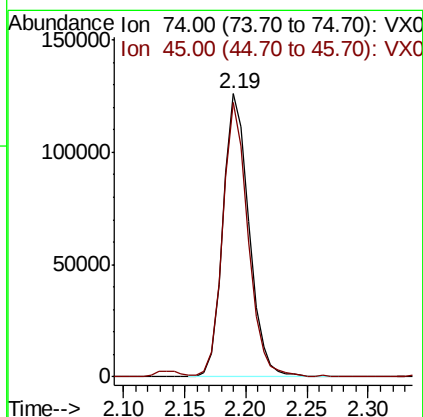
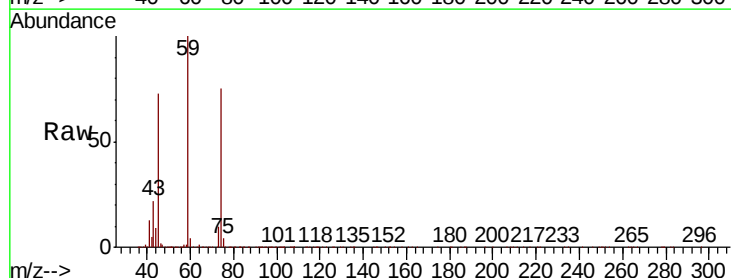
Tot Ion:101 Resp: 482345
Ion Ratio Lower Upper
101 100
103 65.8 51.0 76.4

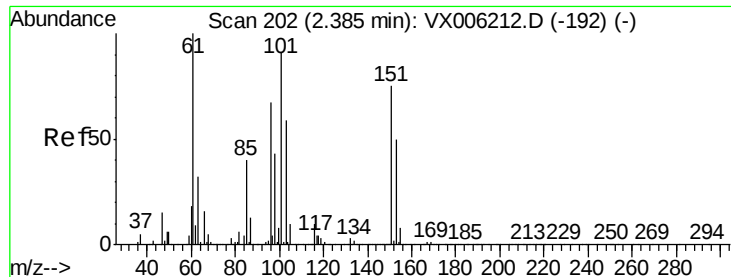


#8

Diethyl Ether
Concen: 51.189 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 74 Resp: 184905
Ion Ratio Lower Upper
74 100
45 94.2 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.421 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MS

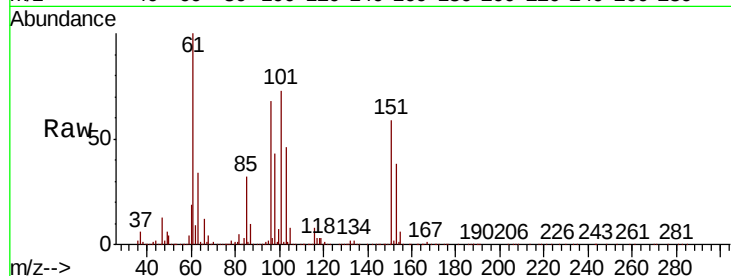
Tot Ion:101 Resp: 295350

Ion Ratio Lower Upper

101 100

85 43.6 35.5 53.3

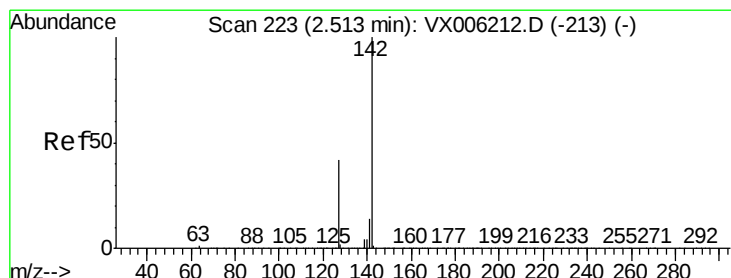
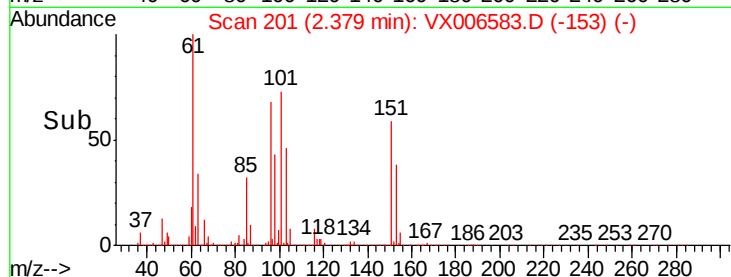
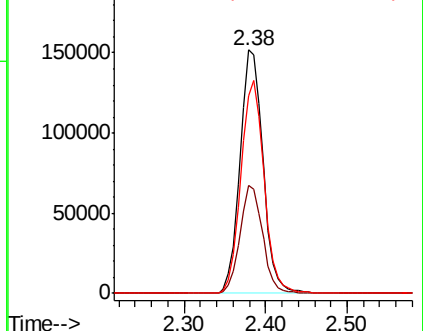
151 88.0 68.6 103.0



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: 54.082 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

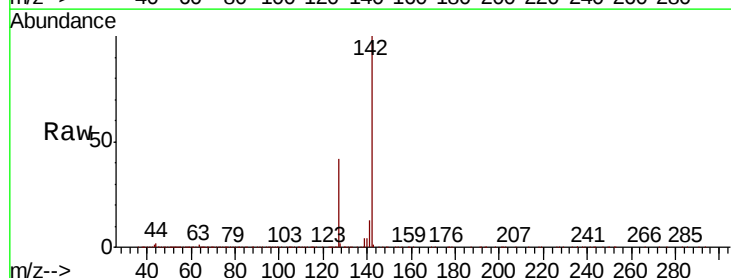
Tgt Ion:142 Resp: 442332

Ion Ratio Lower Upper

142 100

127 42.2 34.8 52.2

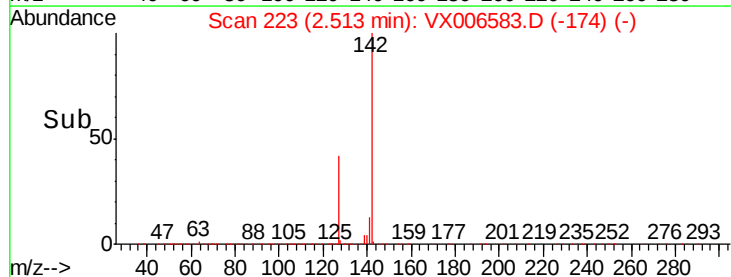
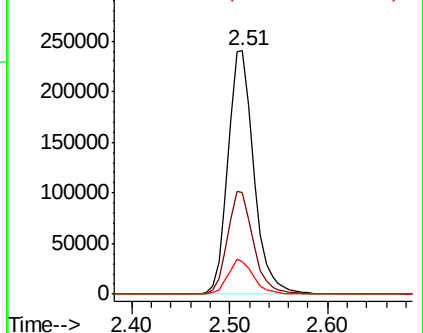
141 14.1 11.4 17.2

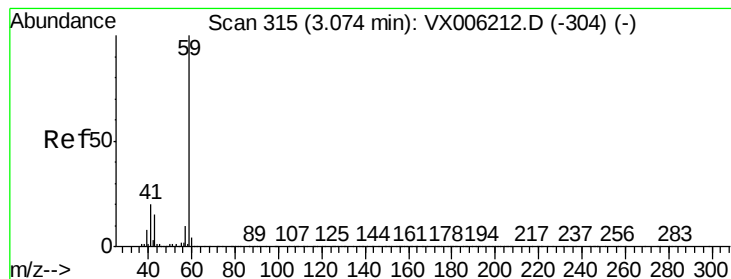


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



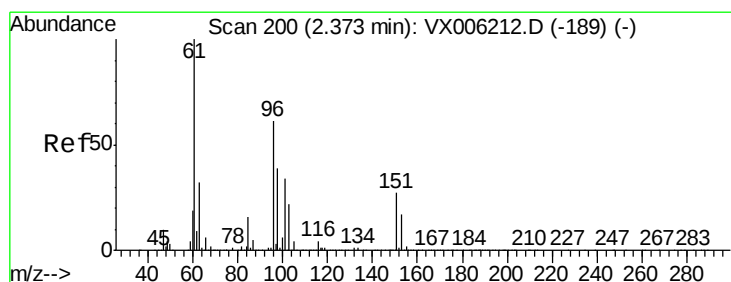
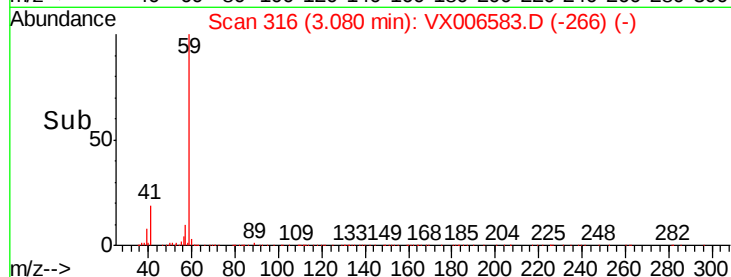
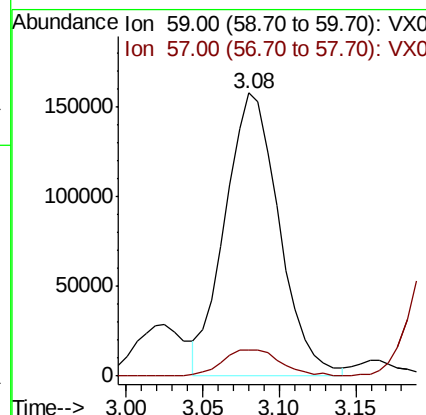
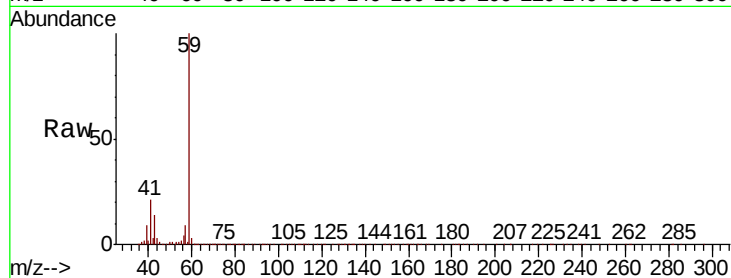


#11

Tert butyl alcohol
Concen: 240.836 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MS

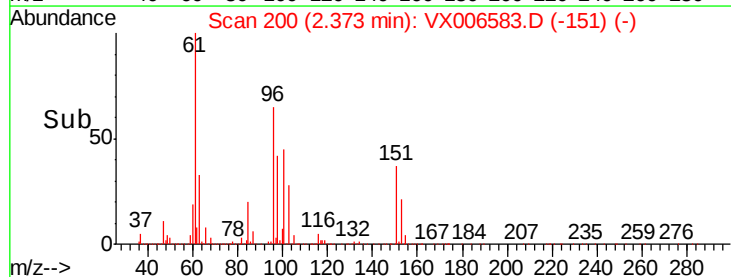
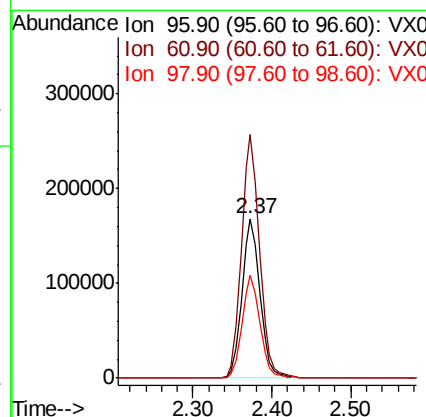
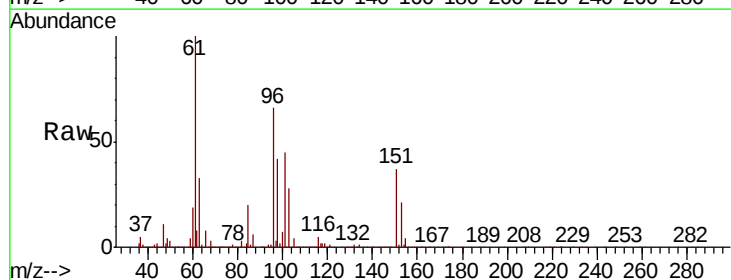
Tot Ion: 59 Resp: 386041
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

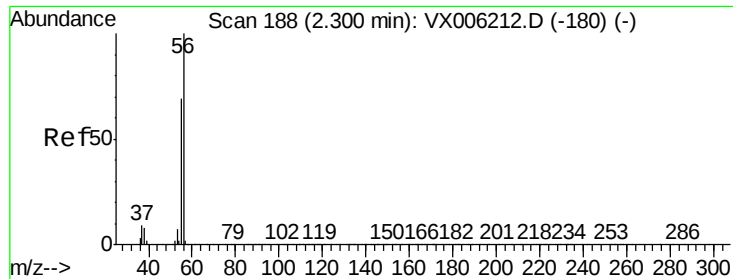


#12

1,1-Dichloroethene
Concen: 51.543 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 96 Resp: 267786
Ion Ratio Lower Upper
96 100
61 152.7 131.7 197.5
98 64.4 51.8 77.6

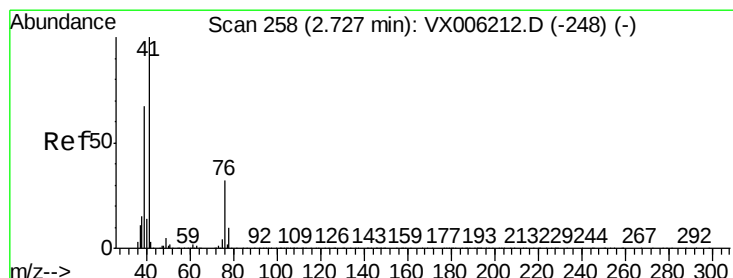
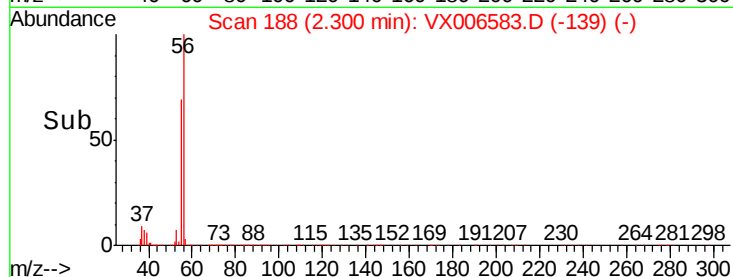
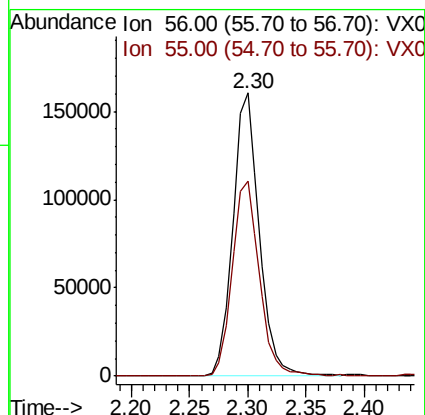
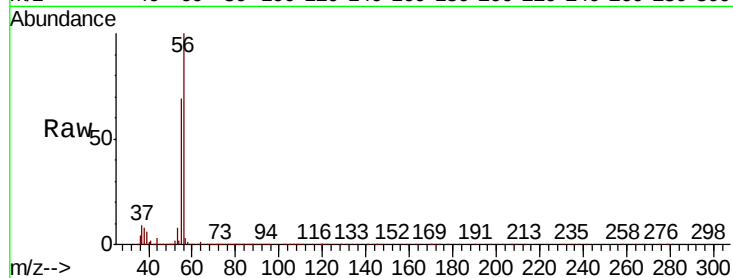




#13
Acrolein
Concen: 286.007 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

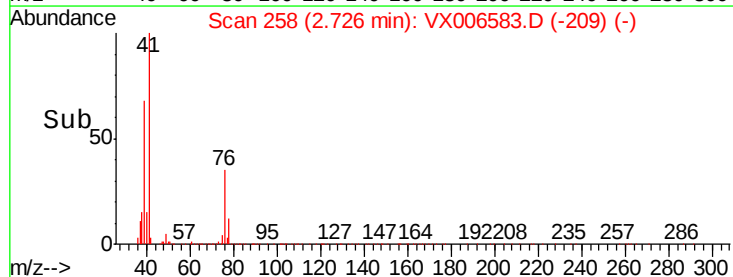
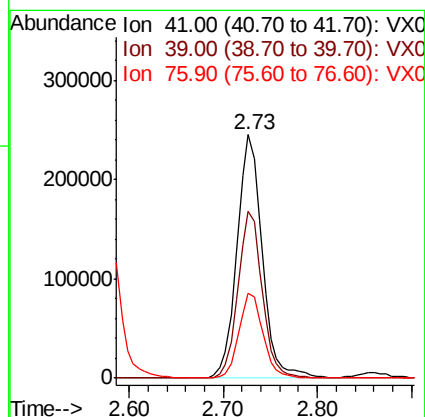
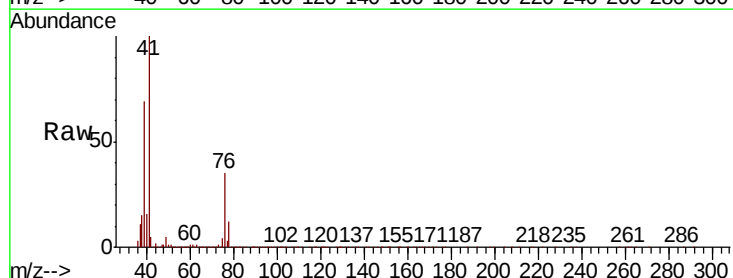
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MS

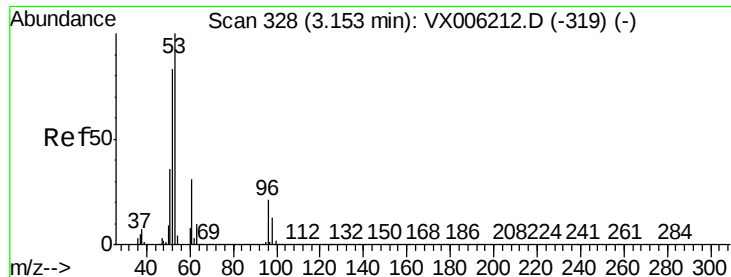
Tot Ion: 56 Resp: 250570
Ion Ratio Lower Upper
56 100
55 71.4 57.8 86.6



#14
Allyl chloride
Concen: 44.416 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 41 Resp: 455837
Ion Ratio Lower Upper
41 100
39 65.7 52.4 78.6
76 33.2 25.4 38.0





#15

Acrylonitrile

Concen: 254.842 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MS

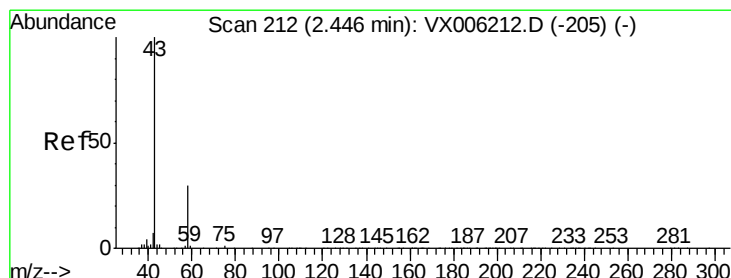
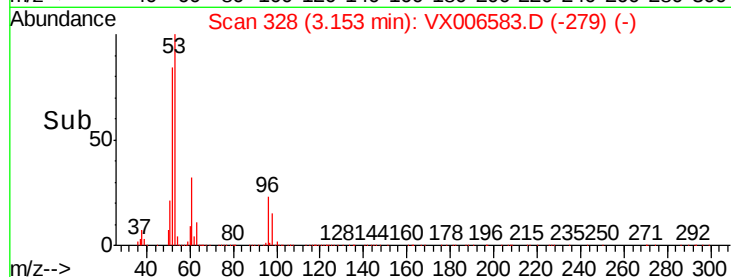
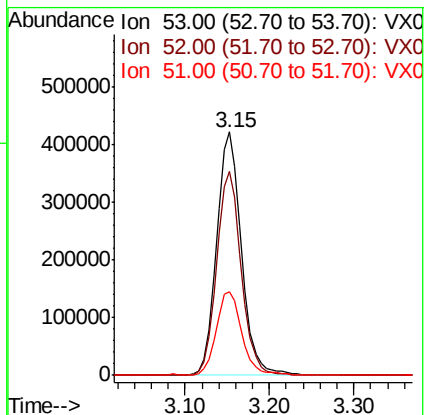
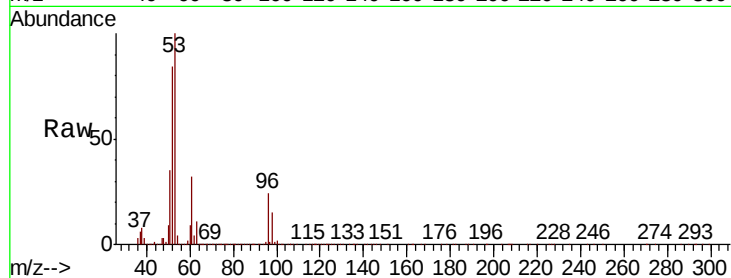
Tot Ion: 53 Resp: 852421

Ion Ratio Lower Upper

53 100

52 83.5 66.2 99.4

51 35.9 28.7 43.1



#16

Acetone

Concen: 260.916 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006583.D

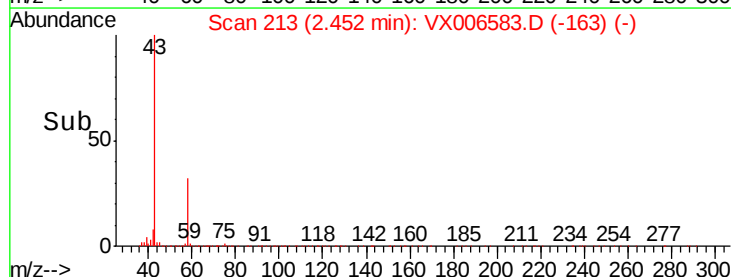
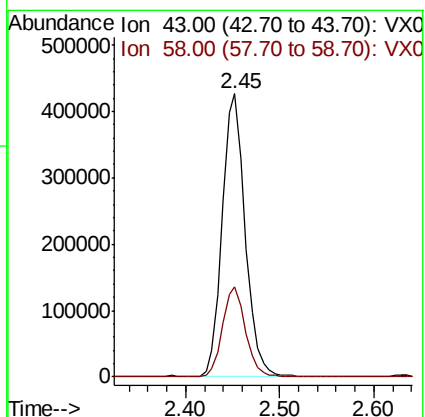
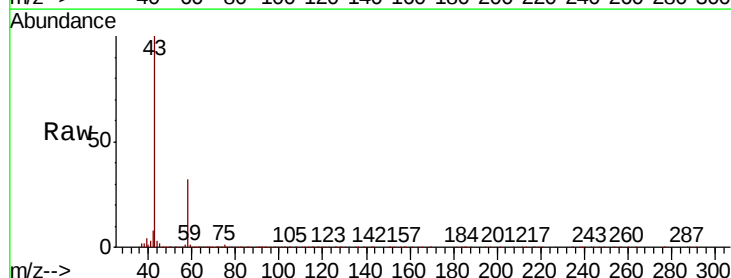
Acq: 17 Dec 2018 19:52

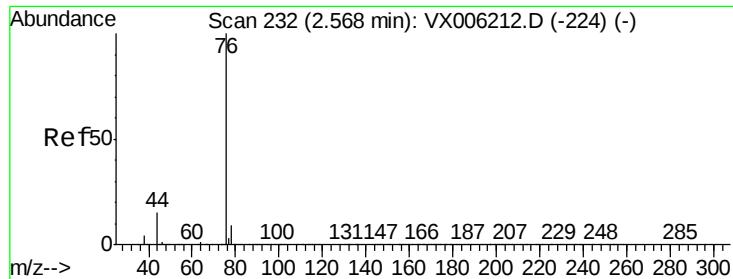
Tgt Ion: 43 Resp: 717687

Ion Ratio Lower Upper

43 100

58 31.8 24.0 36.0





#17

Carbon Disulfide

Concen: 41.684 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

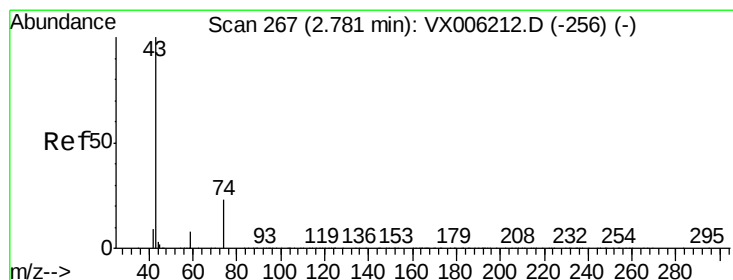
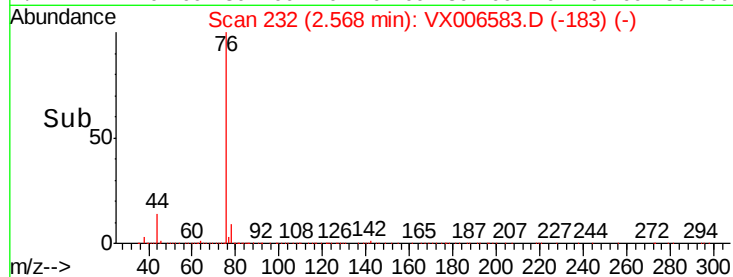
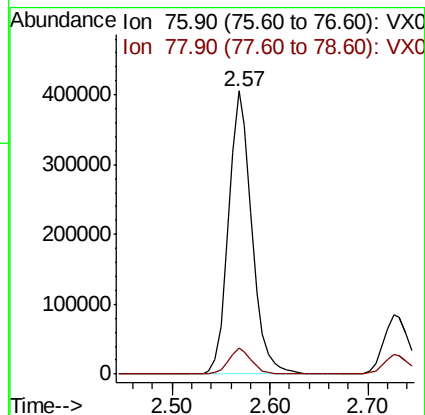
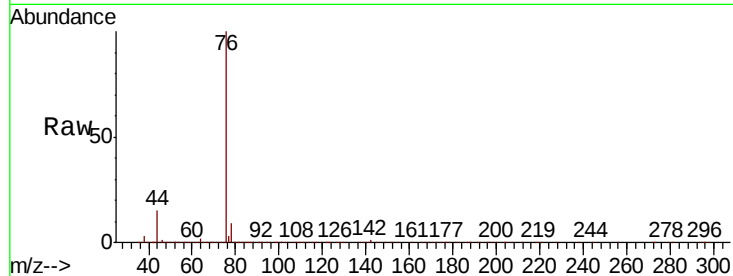
RE105D1-20181210MS

Tot Ion: 76 Resp: 667319

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



#18

Methyl Acetate

Concen: 48.761 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006583.D

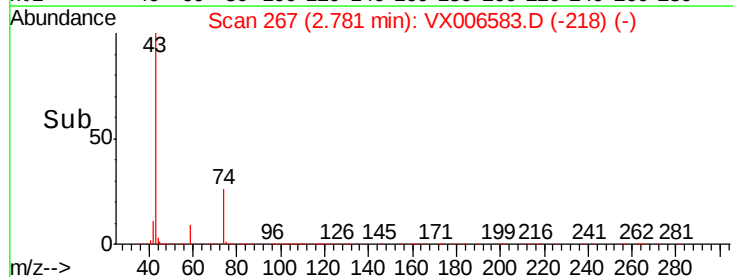
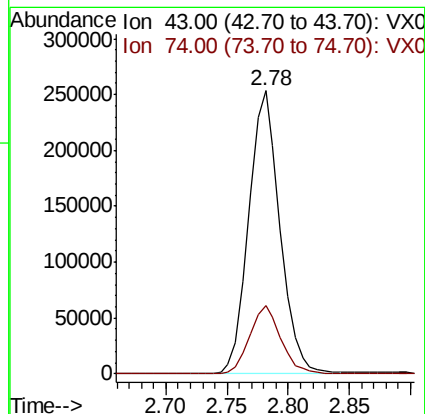
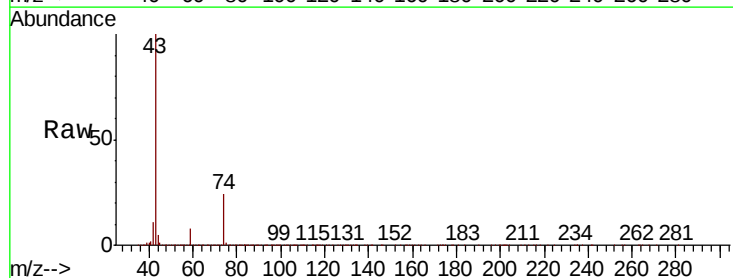
Acq: 17 Dec 2018 19:52

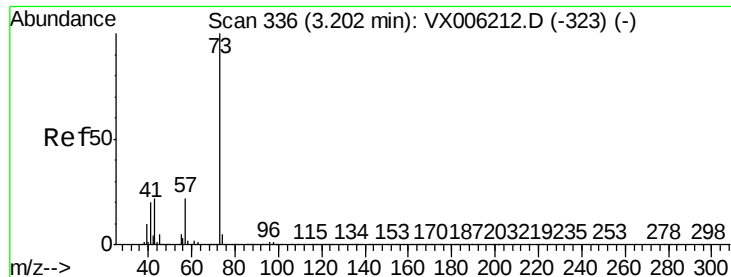
Tgt Ion: 43 Resp: 448537

Ion Ratio Lower Upper

43 100

74 24.1 17.9 26.9



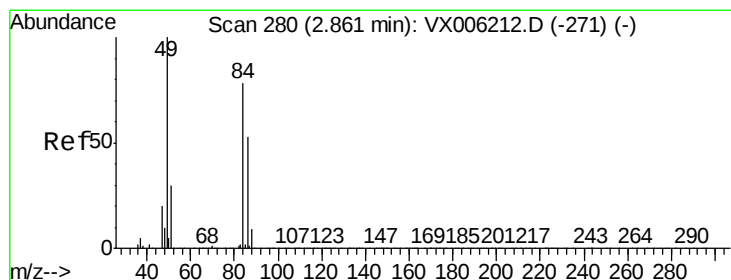
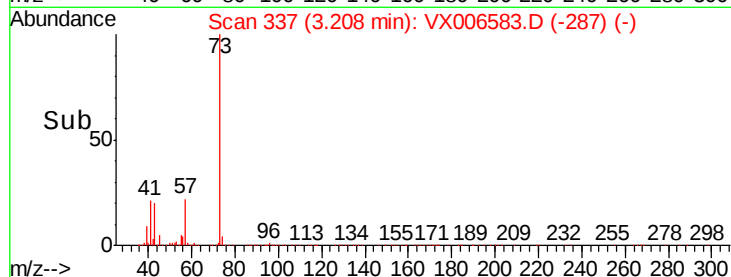
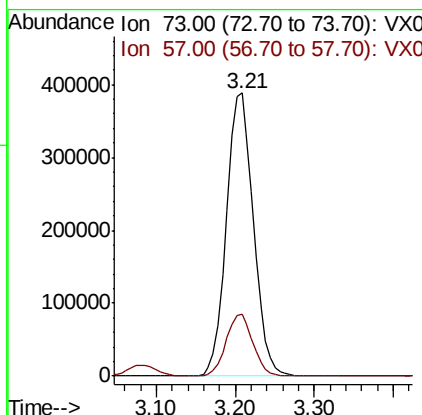
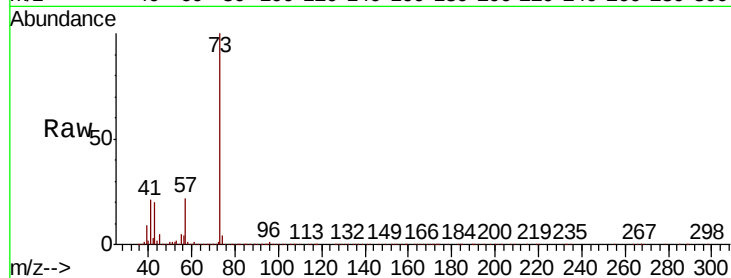


#19

Methyl tert-butyl Ether
Concen: 49.779 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MS

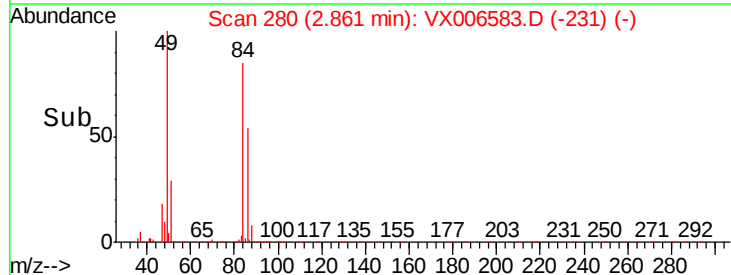
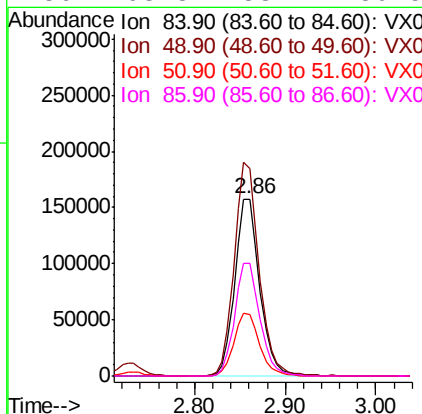
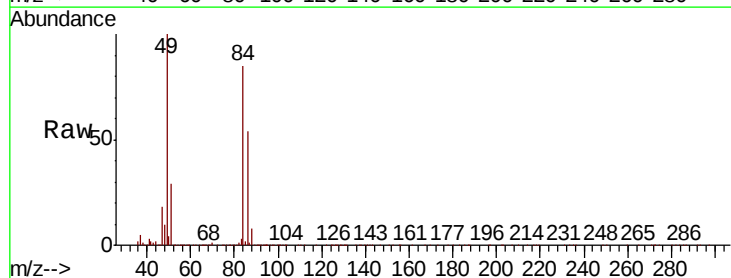
Tot Ion: 73 Resp: 922591
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3

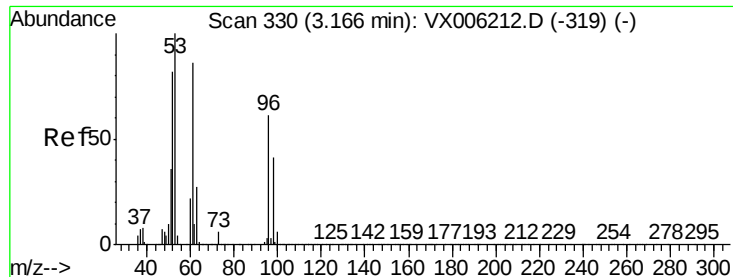


#20

Methylene Chloride
Concen: 51.256 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 84 Resp: 300053
Ion Ratio Lower Upper
84 100
49 117.4 102.2 153.4
51 34.4 31.1 46.7
86 63.8 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 50.651 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MS

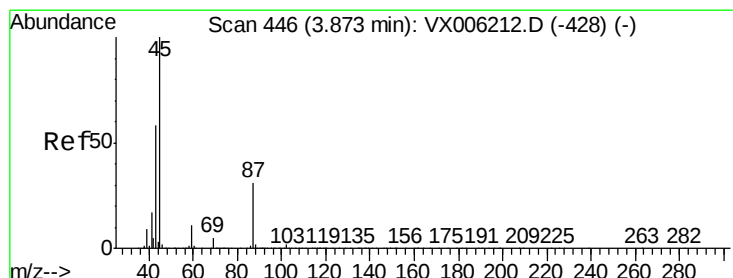
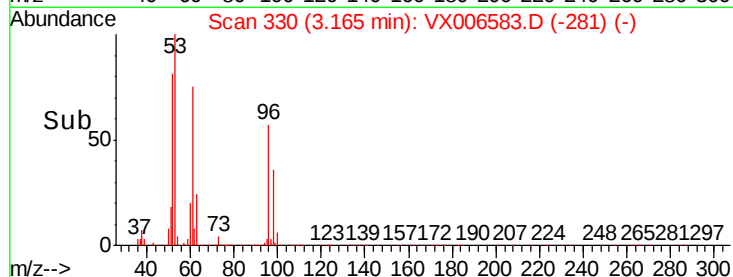
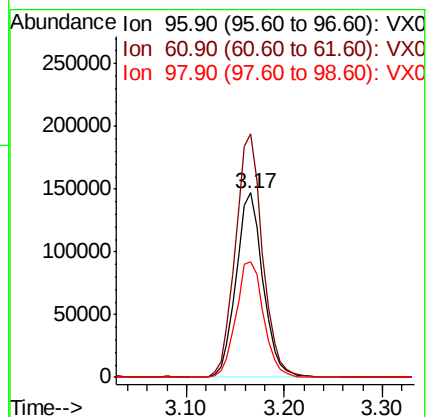
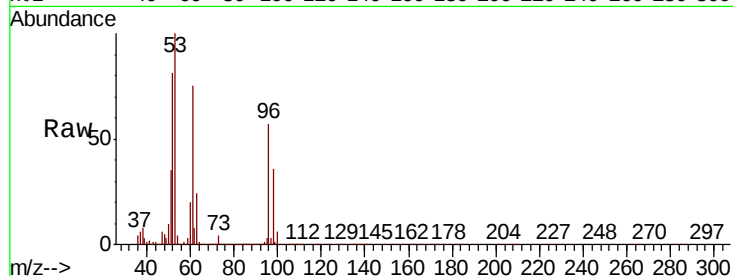
Tot Ion: 96 Resp: 280430

Ion Ratio Lower Upper

96 100

61 131.8 113.3 169.9

98 62.5 53.2 79.8



#22

Diisopropyl ether

Concen: 52.665 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Tgt Ion: 45 Resp: 844226

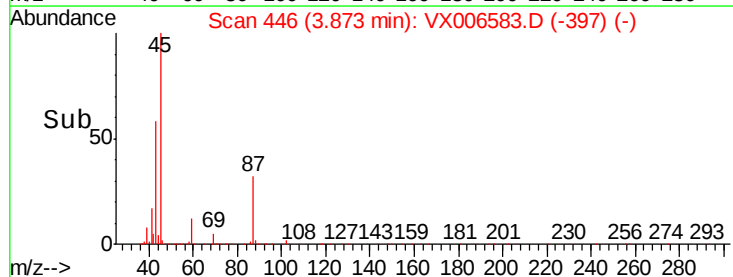
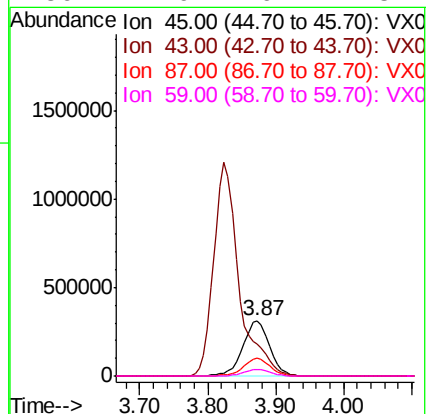
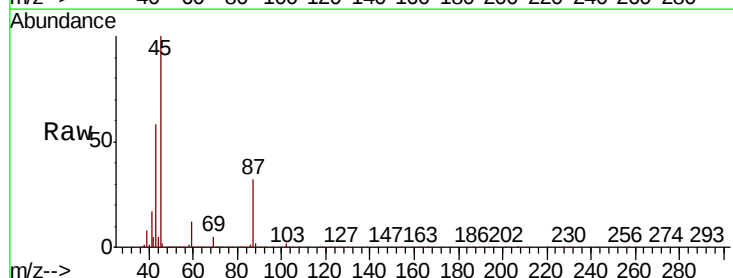
Ion Ratio Lower Upper

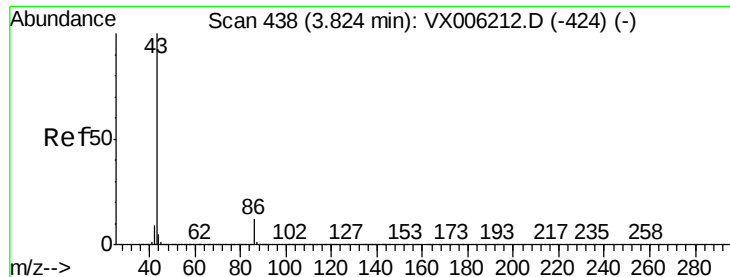
45 100

43 58.2 46.2 69.2

87 31.7 24.9 37.3

59 11.9 9.1 13.7





#23

Vinyl Acetate

Concen: 228.385 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

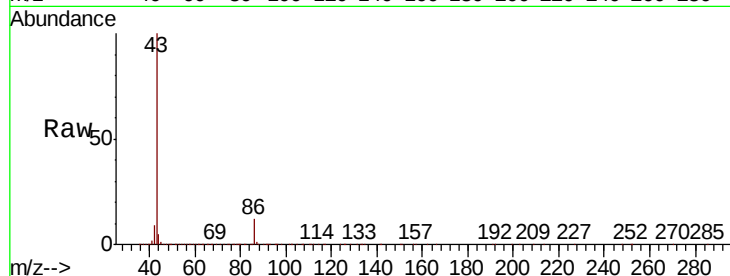
RE105D1-20181210MS

Tot Ion: 43 Resp: 3122571

Ion Ratio Lower Upper

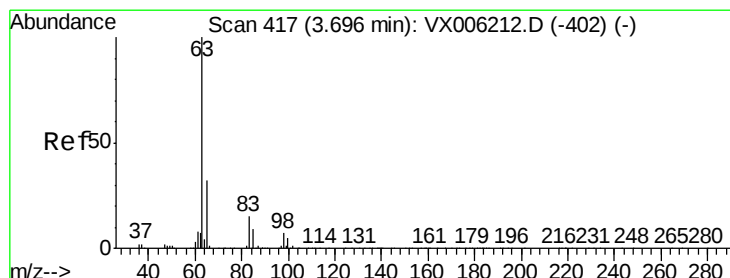
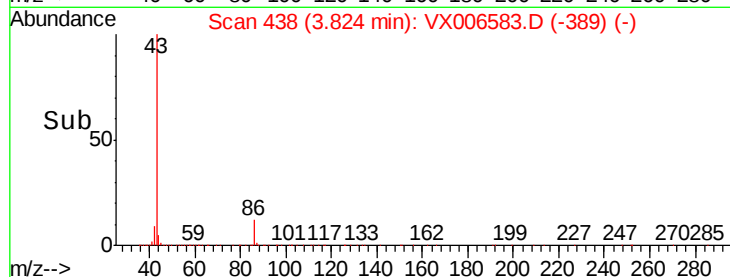
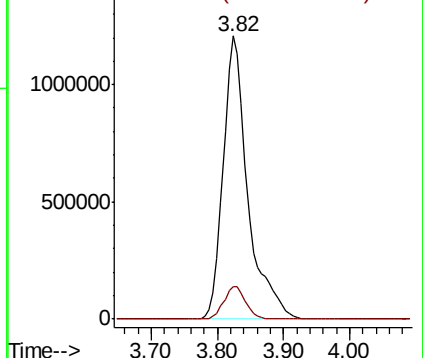
43 100

86 11.5 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: 52.590 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

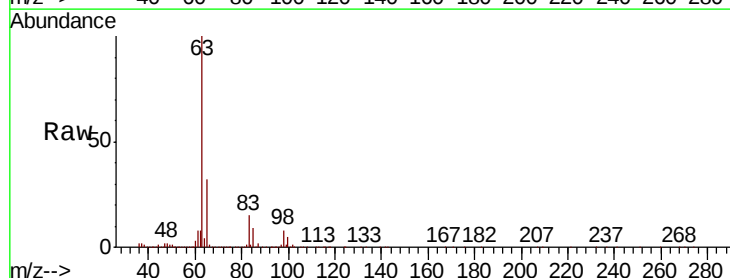
Tgt Ion: 63 Resp: 481851

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

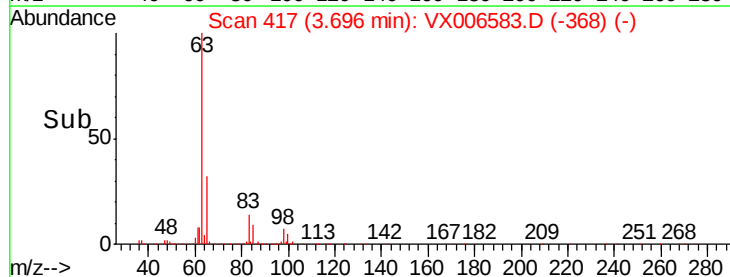
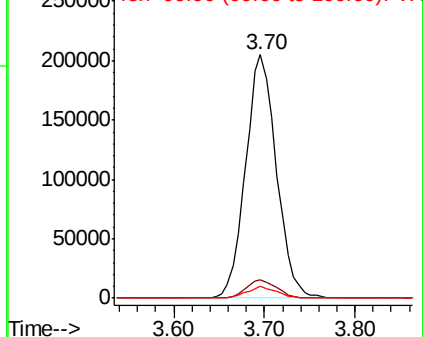
100 4.7 2.5 7.4

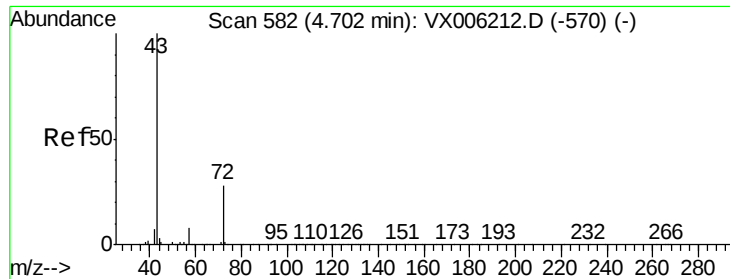


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 273.162 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

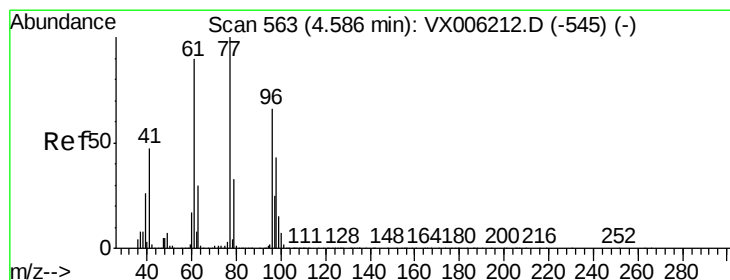
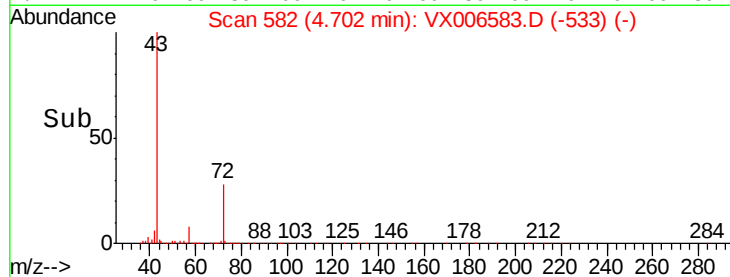
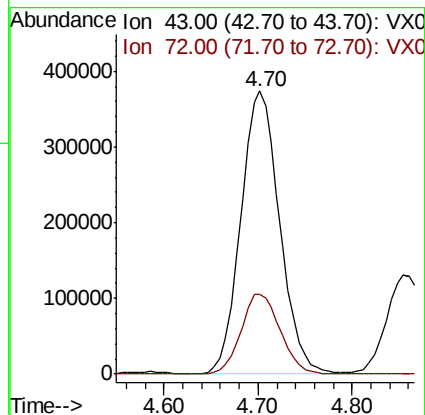
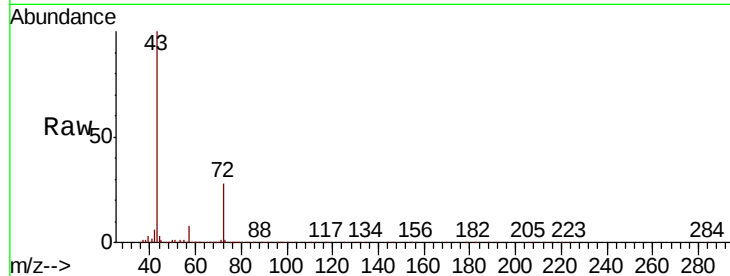
RE105D1-20181210MS

Tot Ion: 43 Resp: 1072099

Ion Ratio Lower Upper

43 100

72 28.2 22.6 33.8



#26

2,2-Dichloropropane

Concen: 37.531 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006583.D

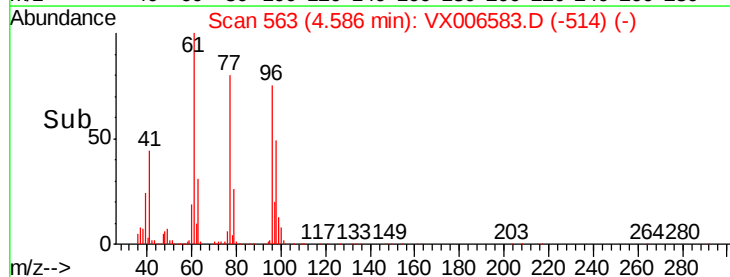
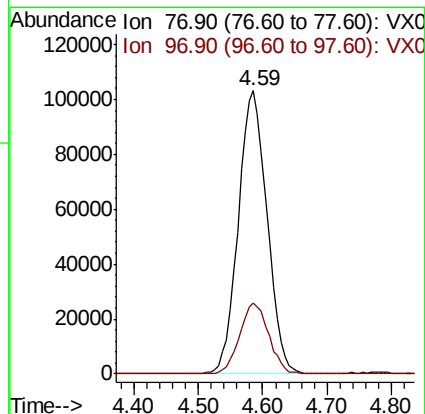
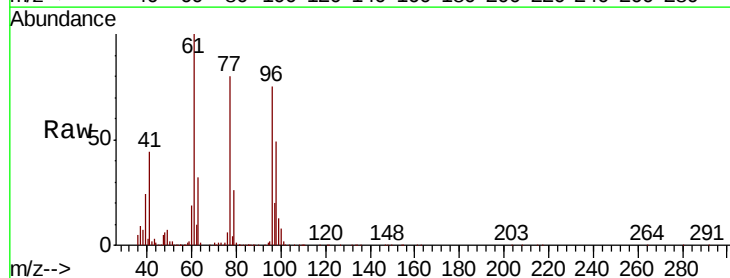
Acq: 17 Dec 2018 19:52

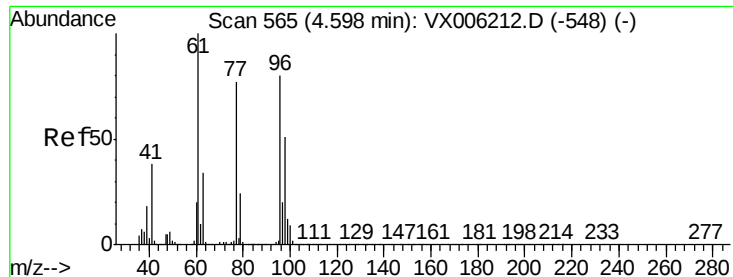
Tgt Ion: 77 Resp: 317358

Ion Ratio Lower Upper

77 100

97 25.4 12.3 36.8



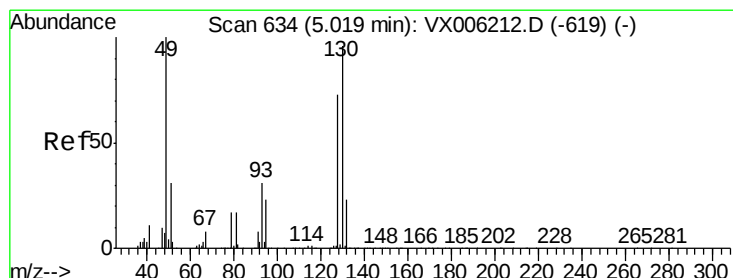
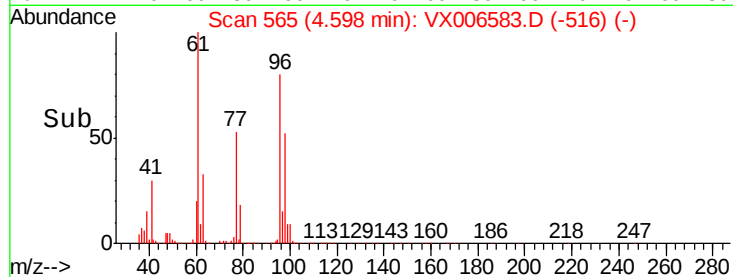
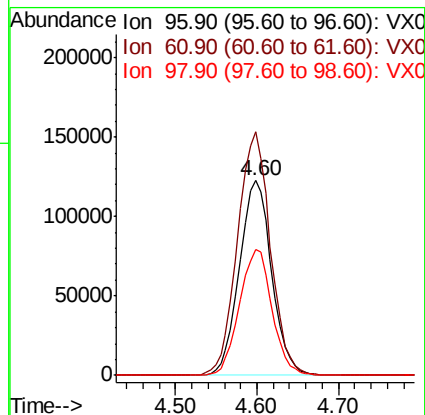
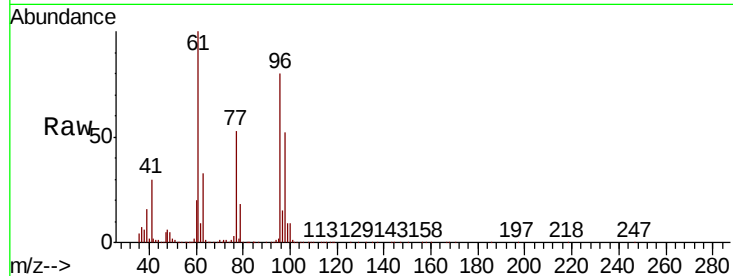


#27

cis-1,2-Dichloroethene
Concen: 54.680 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MS

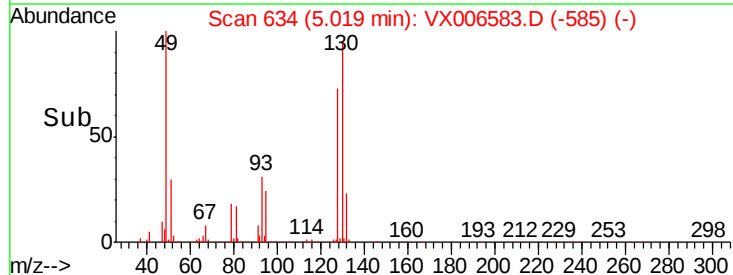
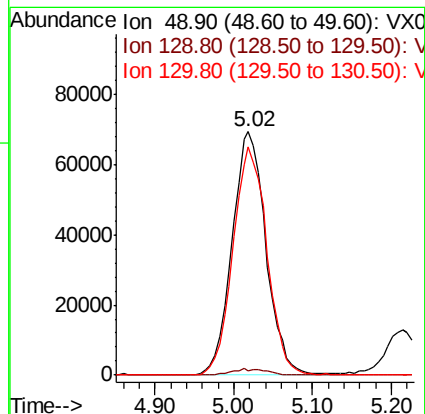
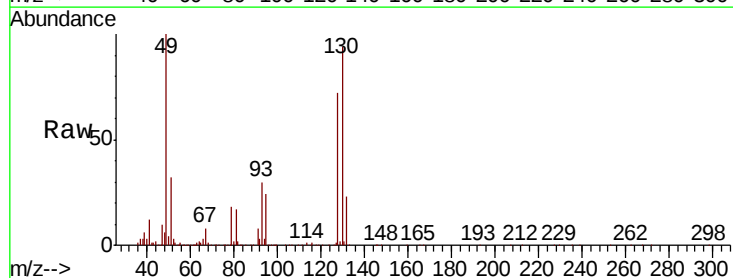
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	265.0
98	65.0	0.0	130.2

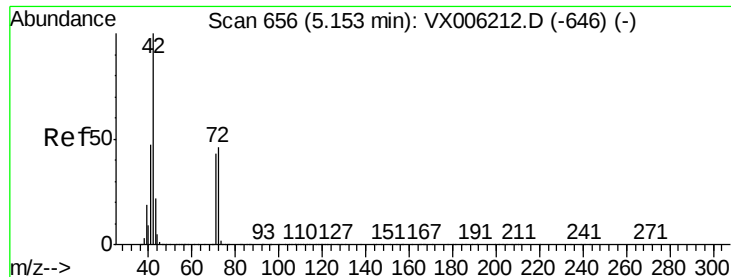


#28

Bromochloromethane
Concen: 51.606 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	94.3	78.3	117.5

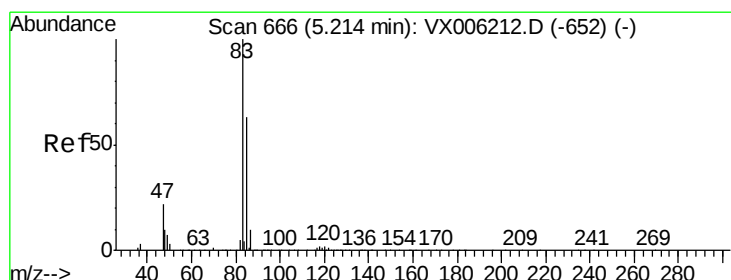
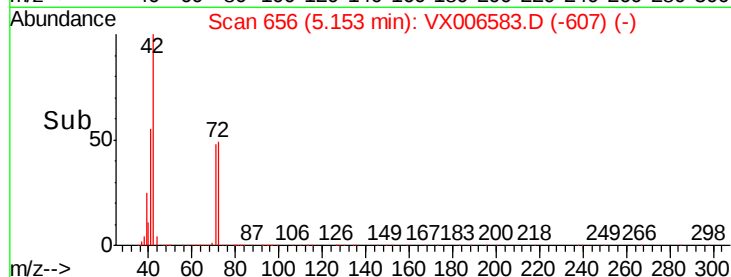
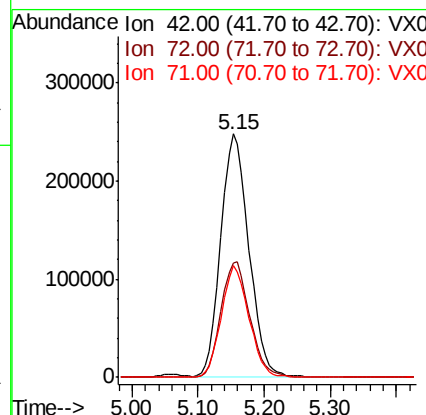
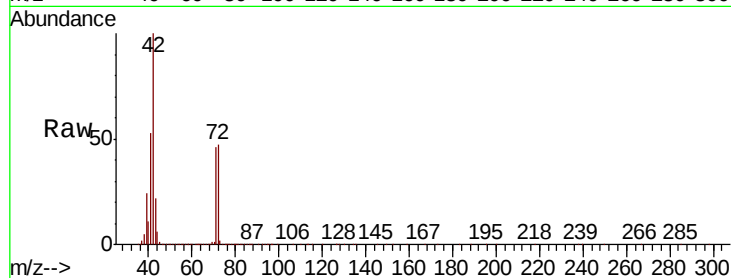




#29
Tetrahydrofuran
Concen: 268.364 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

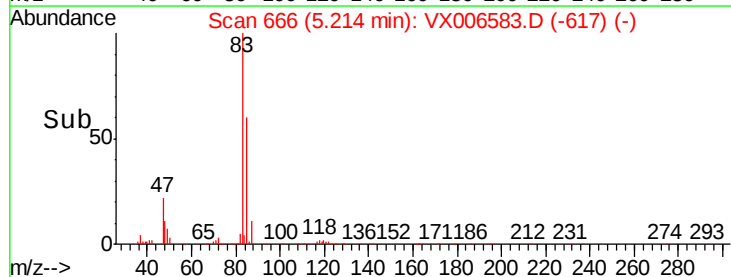
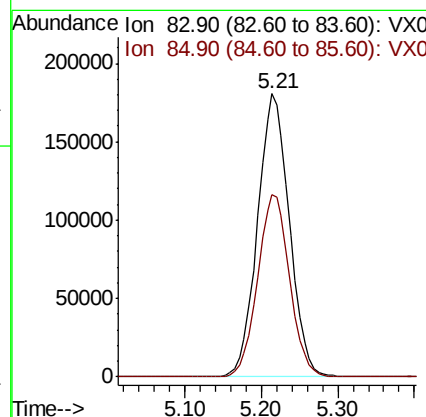
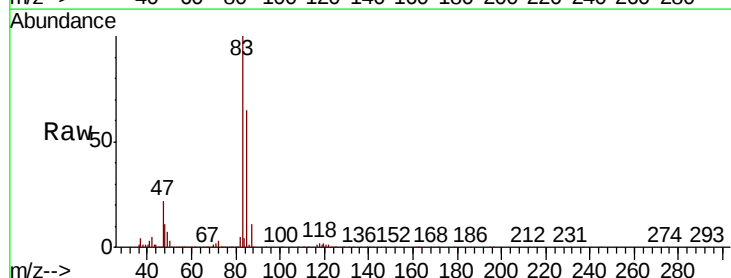
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MS

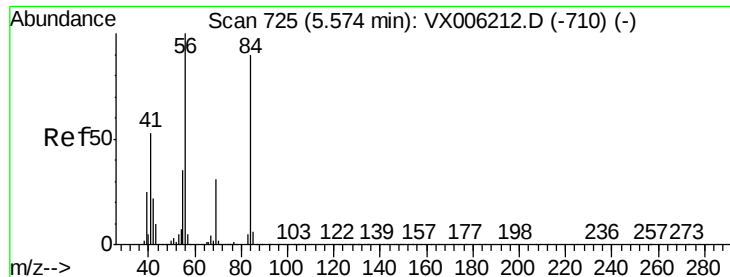
Tot Ion: 42 Resp: 732019
Ion Ratio Lower Upper
42 100
72 48.6 37.8 56.8
71 44.9 35.2 52.8



#30
Chloroform
Concen: 54.360 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 83 Resp: 523408
Ion Ratio Lower Upper
83 100
85 64.5 50.3 75.5

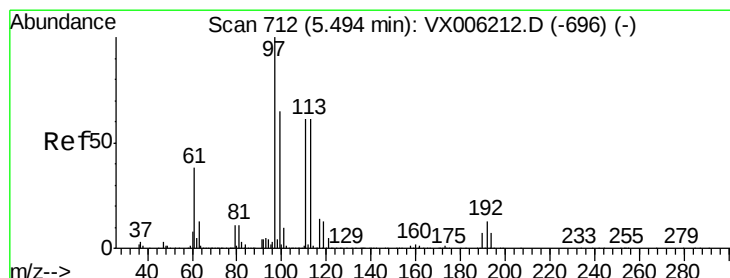
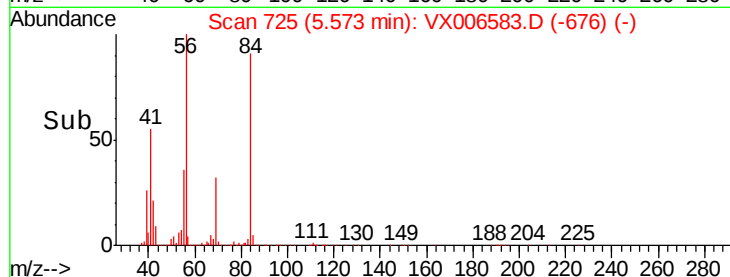
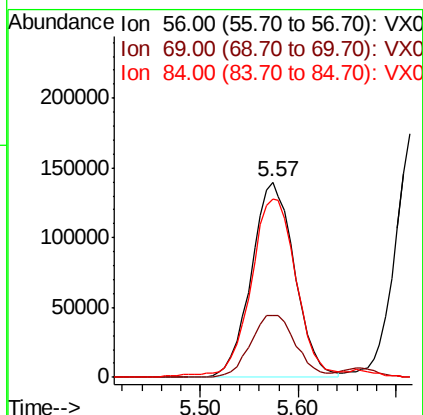
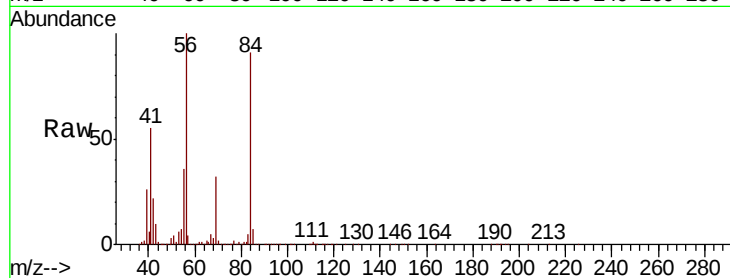




#31
Cyclohexane
Concen: 50.672 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

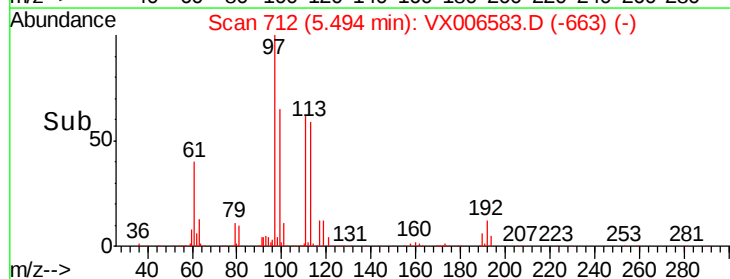
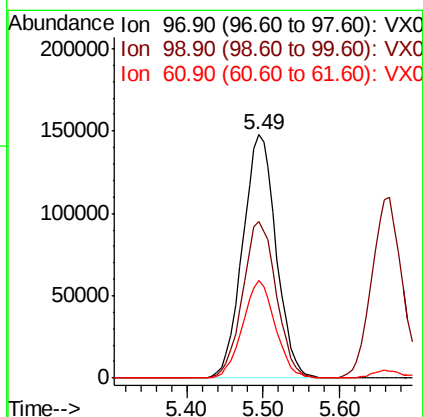
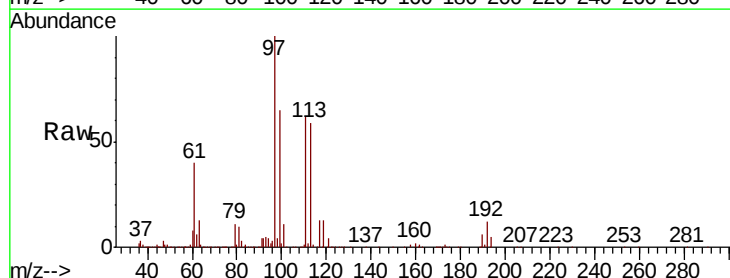
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MS

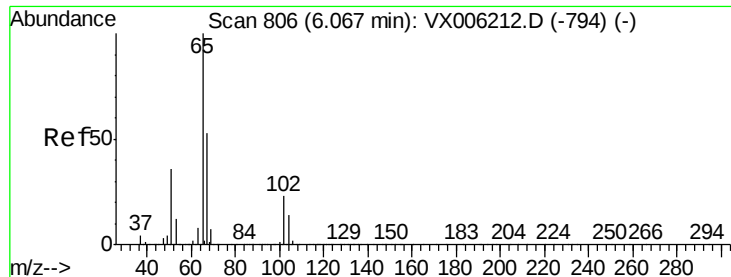
Tot Ion: 56 Resp: 429063
Ion Ratio Lower Upper
56 100
69 31.8 24.5 36.7
84 89.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.119 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 97 Resp: 449997
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 39.3 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 50.691 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

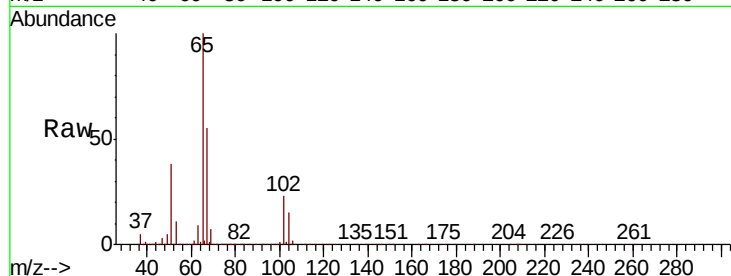
RE105D1-20181210MS

Tot Ion: 65 Resp: 297112

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

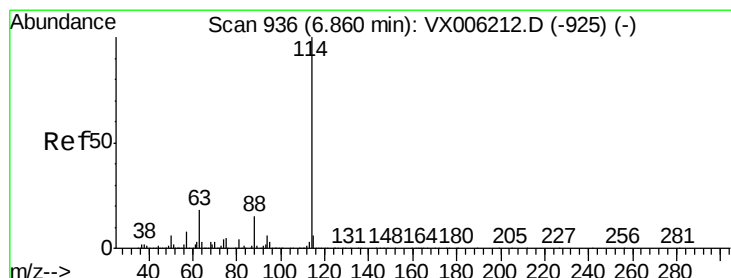
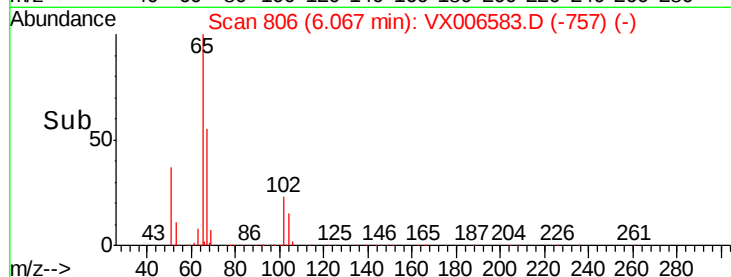
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

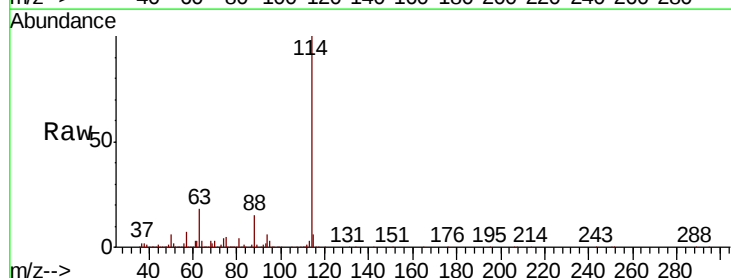
Tgt Ion: 114 Resp: 915965

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

88 14.6 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

500000

400000

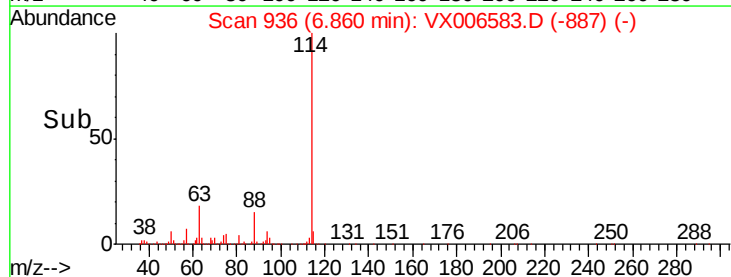
300000

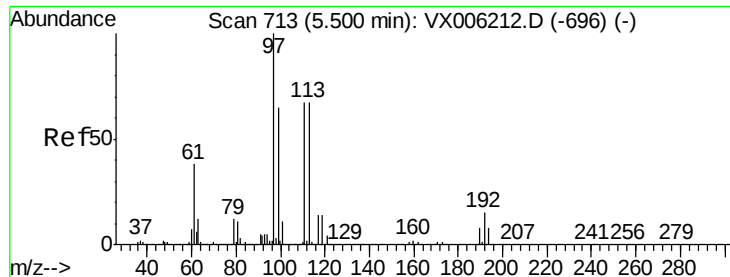
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 45.546 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MS

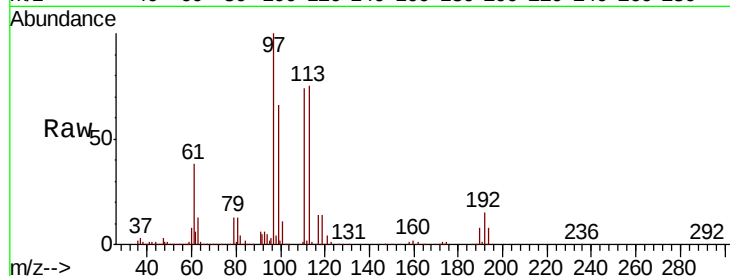
Tot Ion:113 Resp: 270112

Ion Ratio Lower Upper

113 100

111 103.8 81.1 121.7

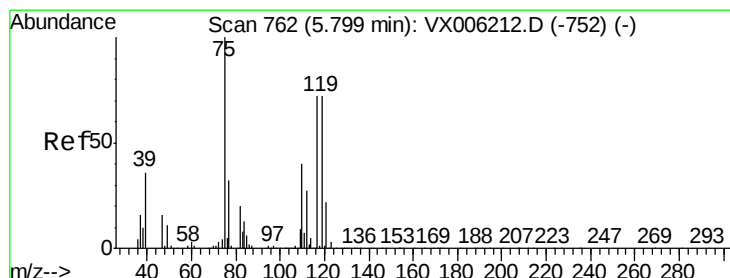
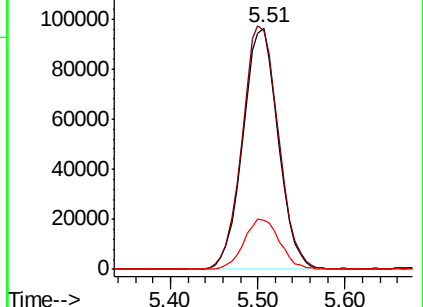
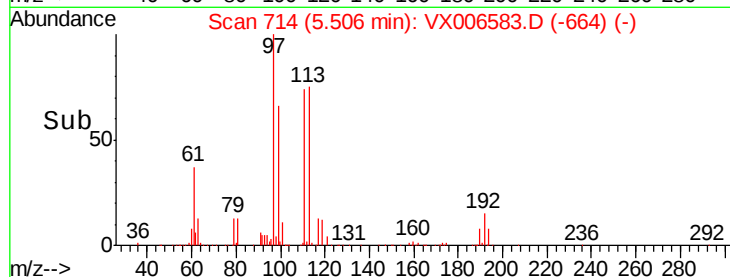
192 21.3 18.2 27.2



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: 49.321 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

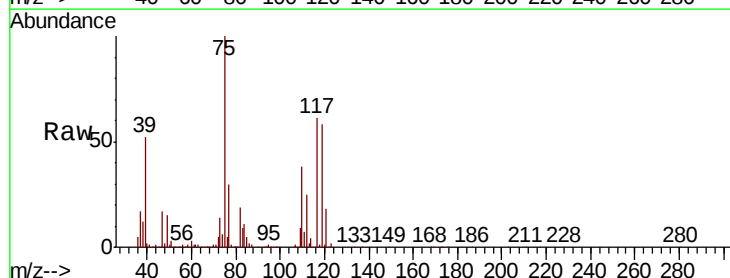
Tgt Ion: 75 Resp: 380434

Ion Ratio Lower Upper

75 100

110 39.6 20.4 61.3

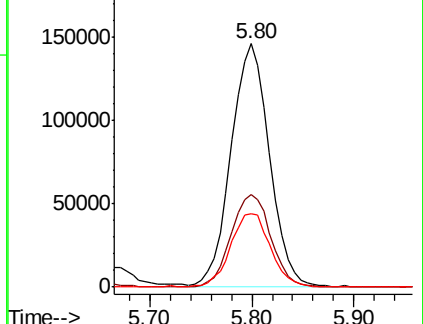
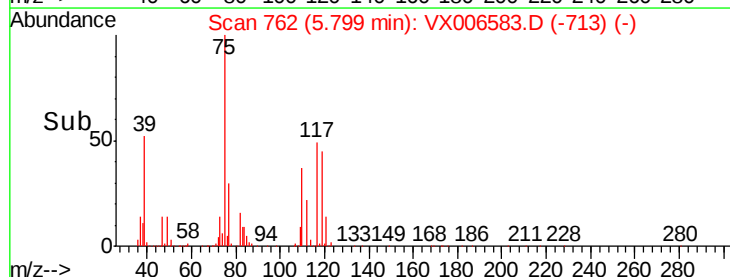
77 31.4 24.9 37.3

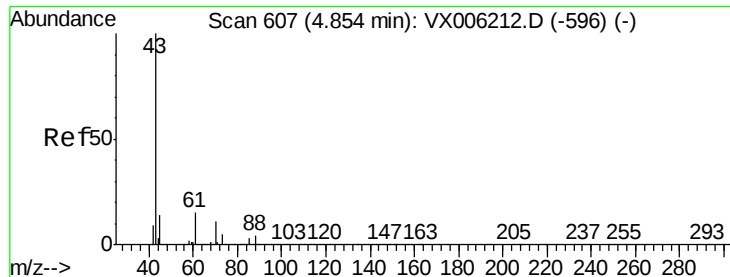


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

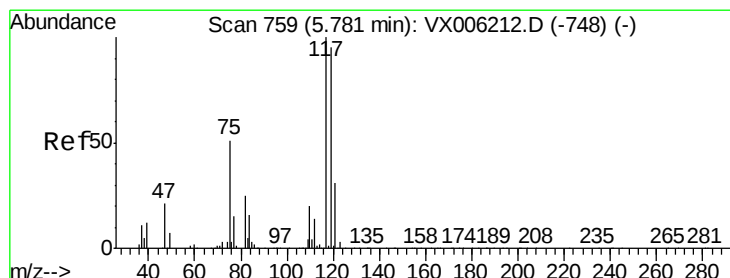
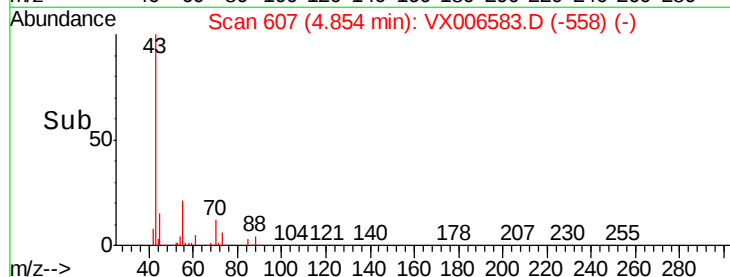
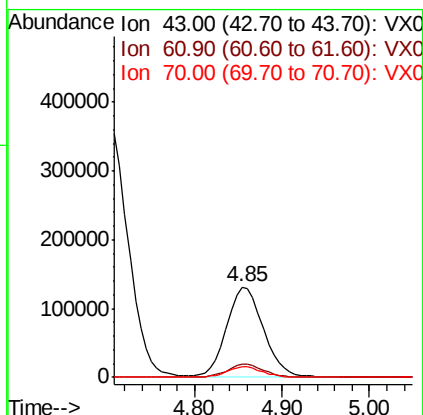
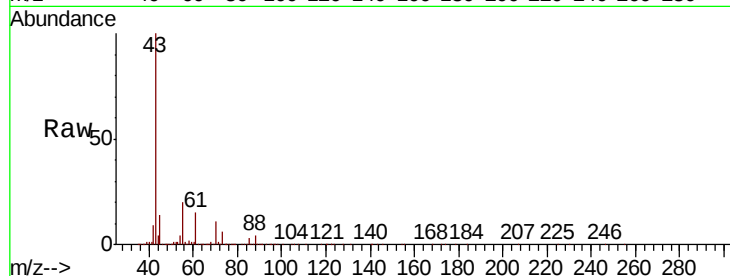




#37
Ethyl Acetate
Concen: 44.392 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

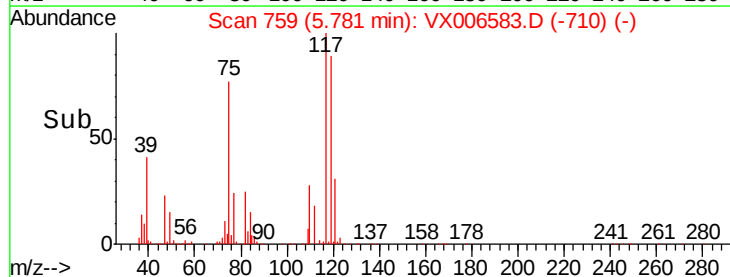
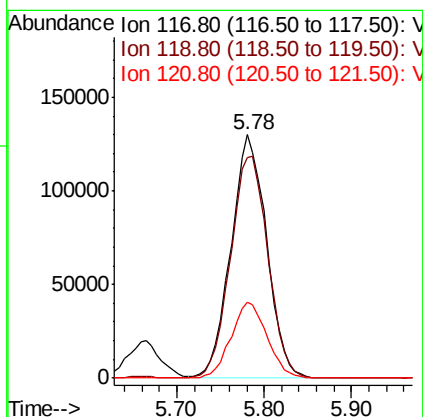
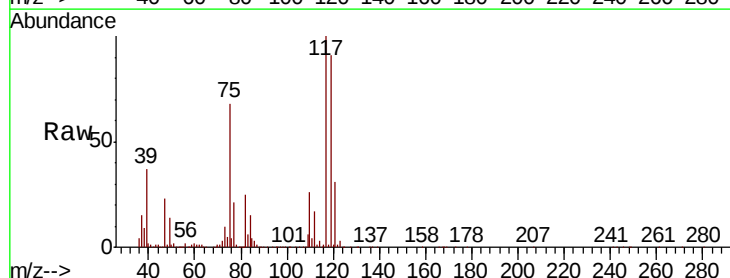
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MS

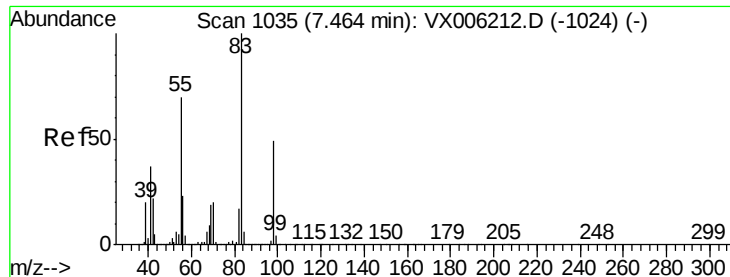
Tot Ion	43	Resp	383458
Ion Ratio	Lower	Upper	
43	100		
61	14.6	11.5	17.3
70	11.5	9.0	13.6



#38
Carbon Tetrachloride
Concen: 40.615 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion	117	Resp	368549
Ion Ratio	Lower	Upper	
117	100		
119	90.5	75.8	113.8
121	31.3	24.6	37.0

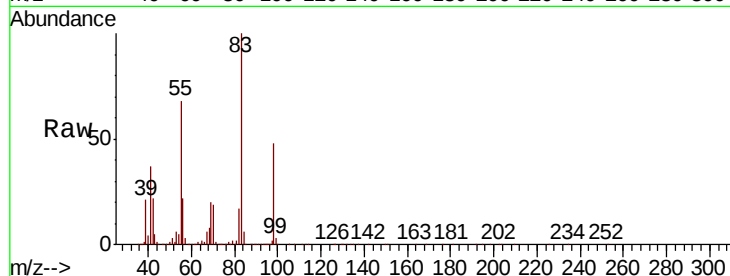




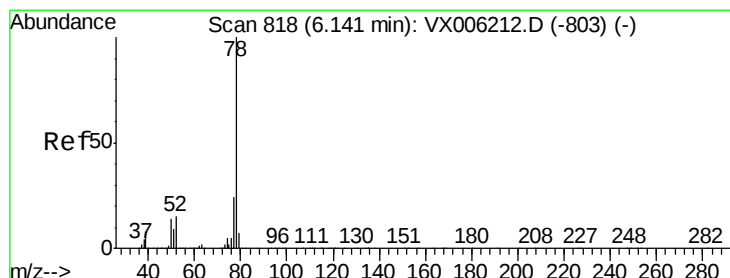
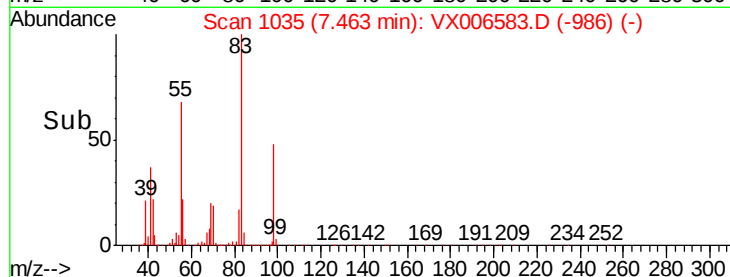
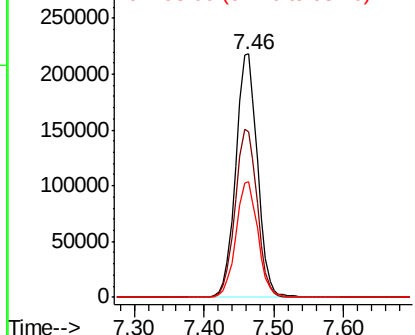
#39
Methvlcvclohexane
Concen: 47.006 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MS

Tot Ion: 83 Resp: 470640
Ion Ratio Lower Upper
83 100
55 67.7 56.4 84.6
98 47.6 39.0 58.6

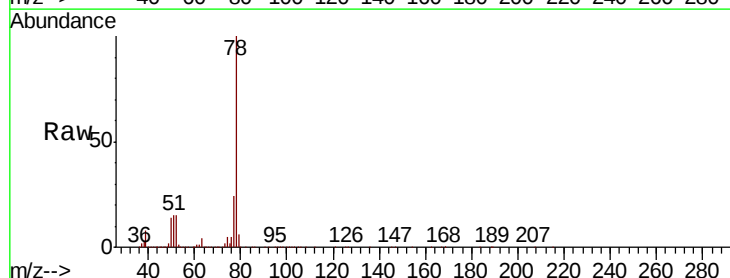


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

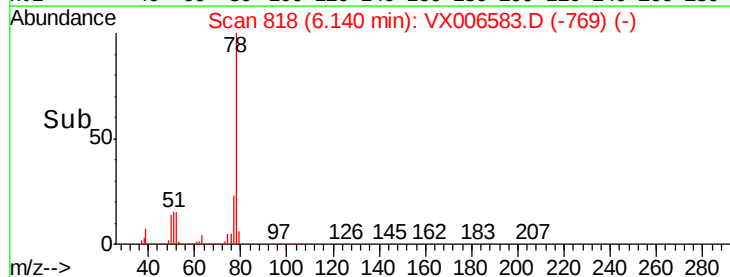
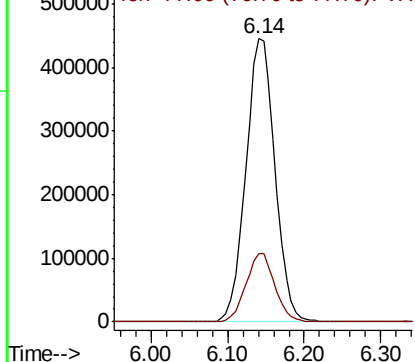


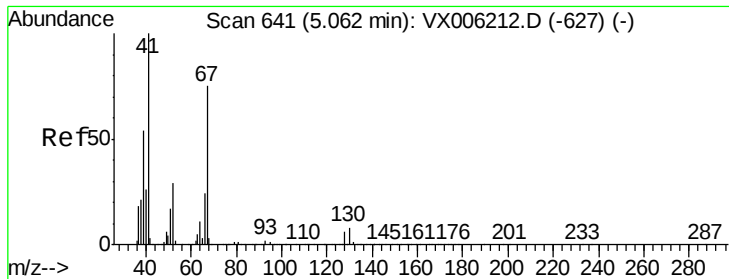
#40
Benzene
Concen: 50.986 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 78 Resp: 1177892
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 48.516 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion: 41 Resp: 230600

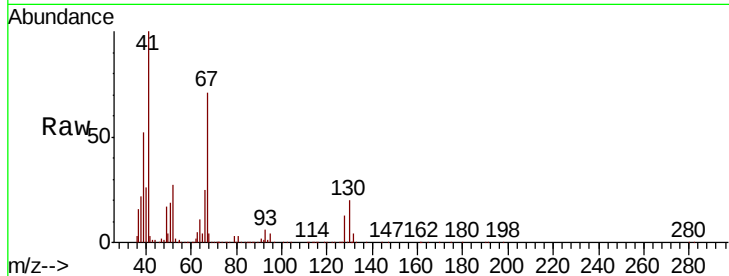
Ion Ratio Lower Upper

41 100

39 55.6 44.0 66.0

67 78.1 61.4 92.0

52 29.3 23.5 35.3

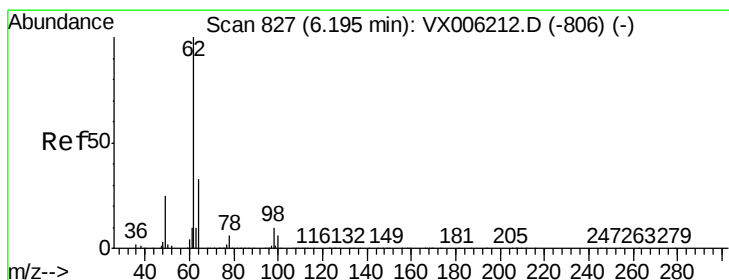
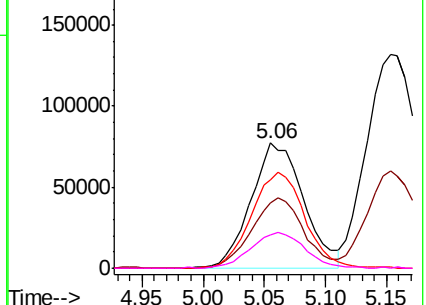
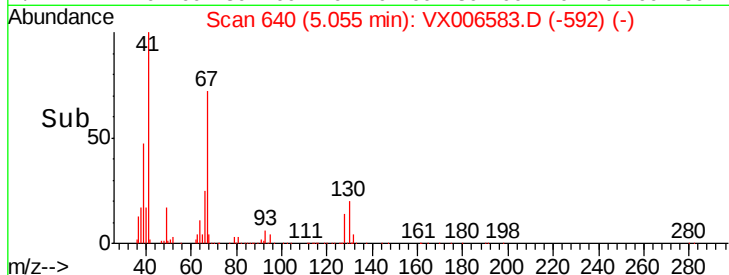


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.461 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006583.D

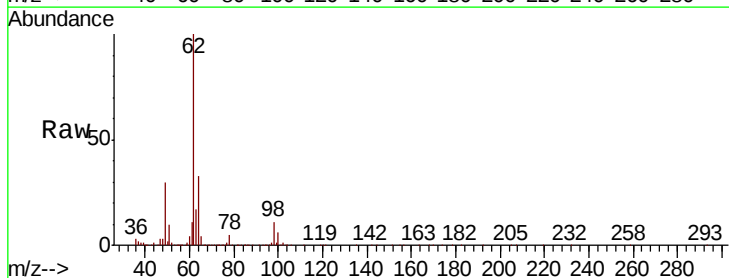
Acq: 17 Dec 2018 19:52

Tgt Ion: 62 Resp: 396655

Ion Ratio Lower Upper

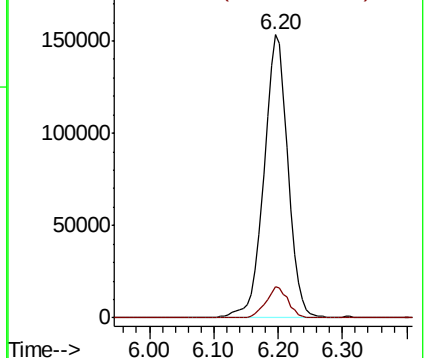
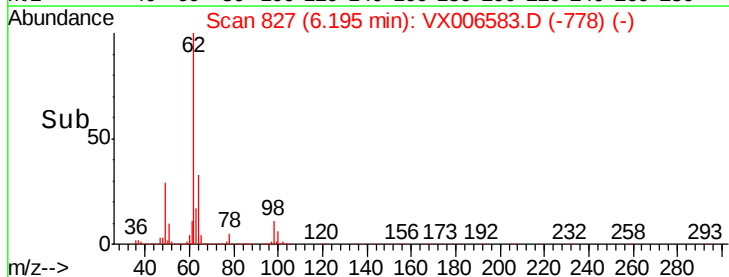
62 100

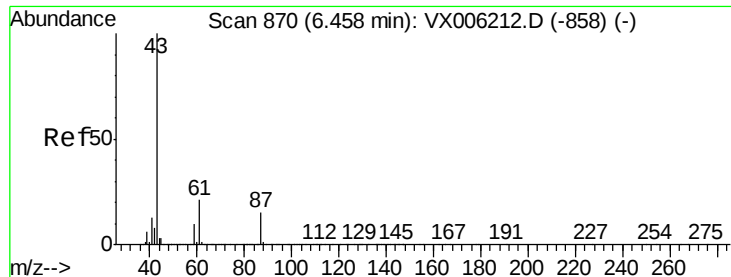
98 10.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



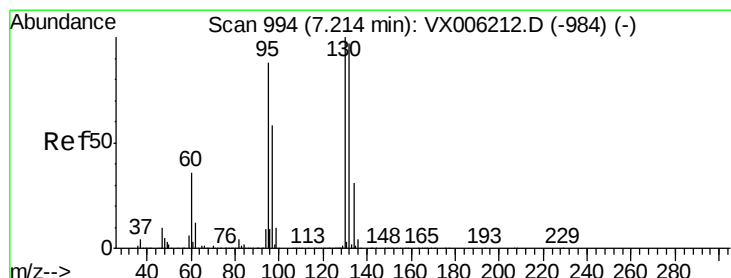
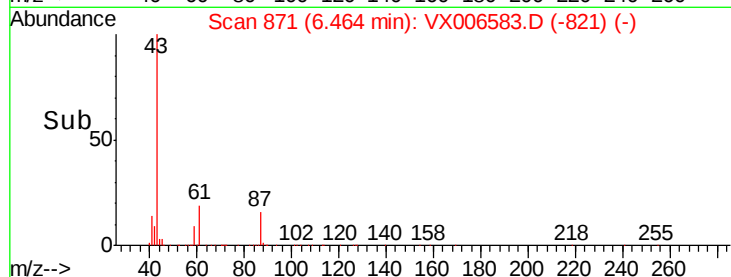
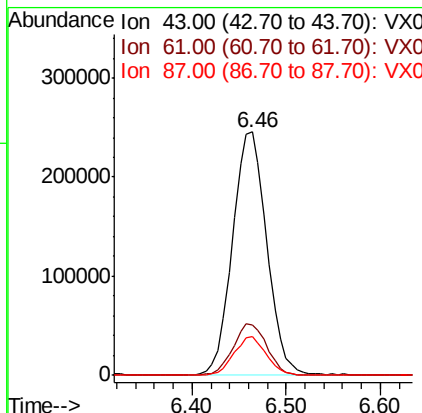
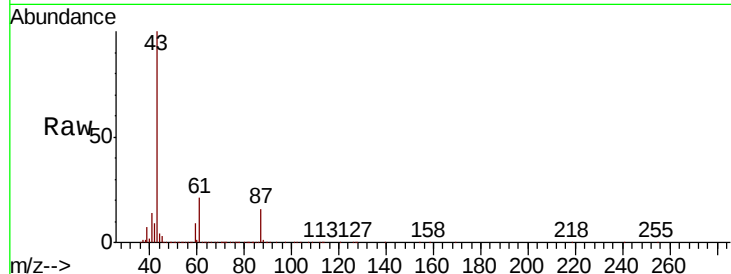


#43

Isopropyl Acetate
 Concen: 42.953 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MS

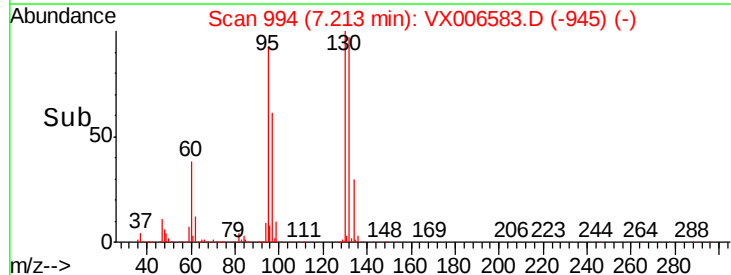
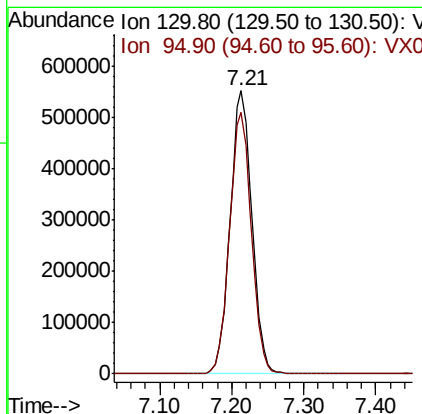
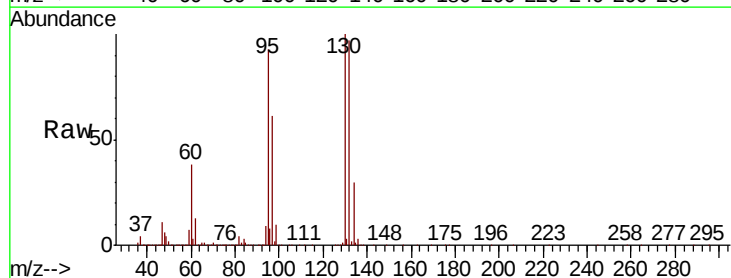
Tot Ion	43	Resp	618607
Ion Ratio	Lower	Upper	
43	100		
61	21.1	16.8	25.2
87	15.3	11.9	17.9



#44

Trichloroethene
 Concen: 166.267 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Tgt Ion	130	Resp	1163648
Ion Ratio	Lower	Upper	
130	100		
95	92.6	0.0	175.8





#45

1,2-Dichloropropane

Concen: 49.088 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

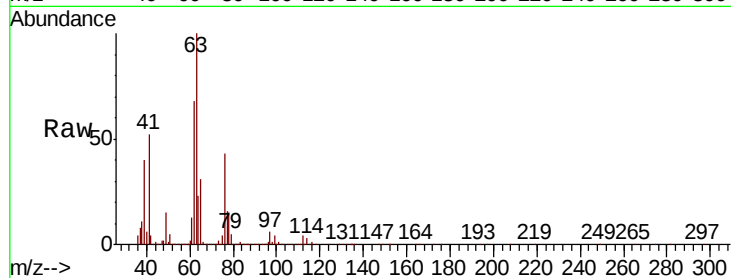
RE105D1-20181210MS

Tot Ion: 63 Resp: 288217

Ion Ratio Lower Upper

63 100

65 31.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

150000

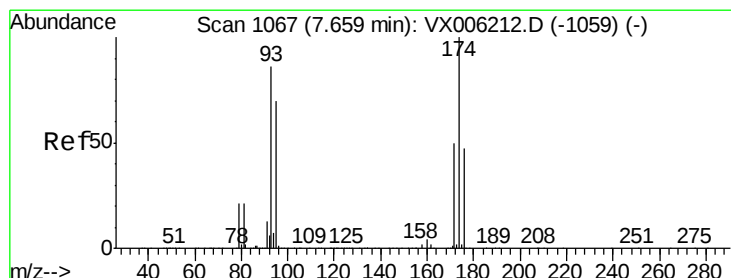
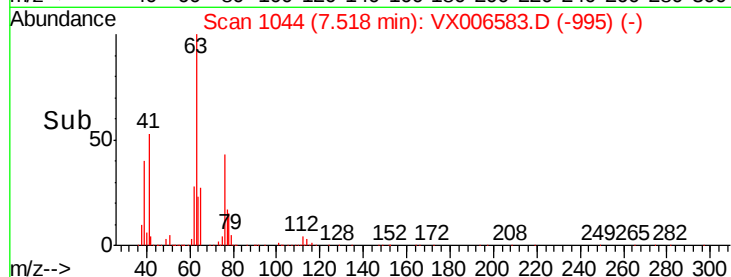
100000

50000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 49.881 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

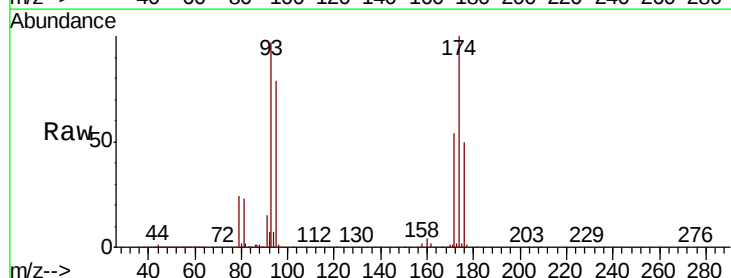
Tgt Ion: 93 Resp: 211521

Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 110.9 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

150000

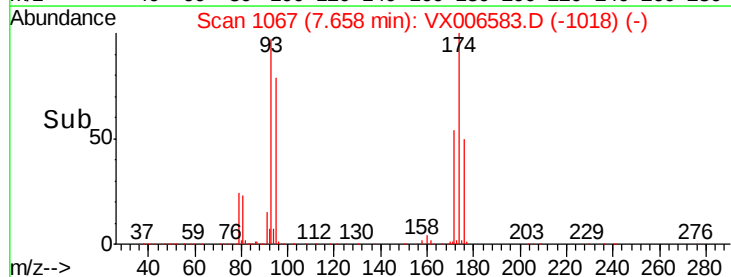
100000

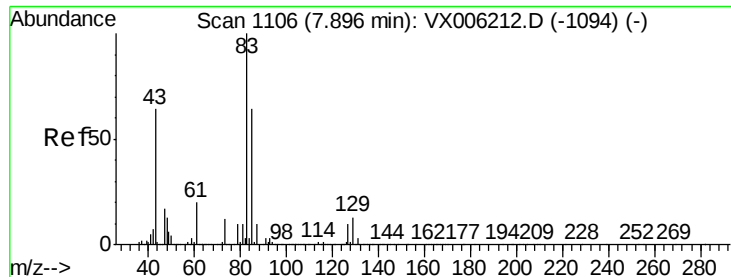
50000

0

7.60 7.70

Time-->





#47

Bromodichloromethane

Concen: 44.094 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MS

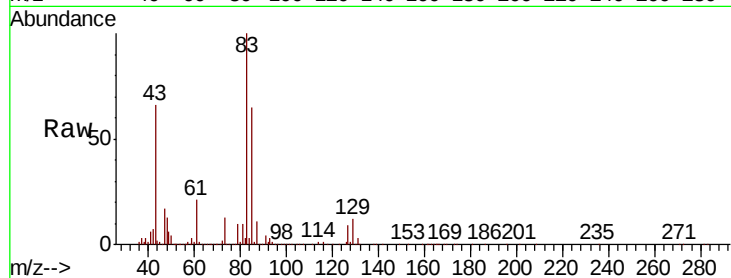
Tot Ion: 83 Resp: 362094

Ion Ratio Lower Upper

83 100

85 65.4 51.4 77.0

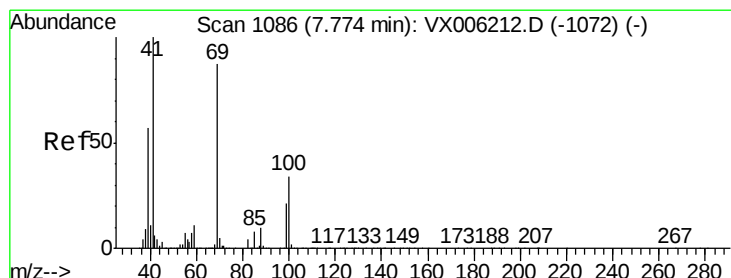
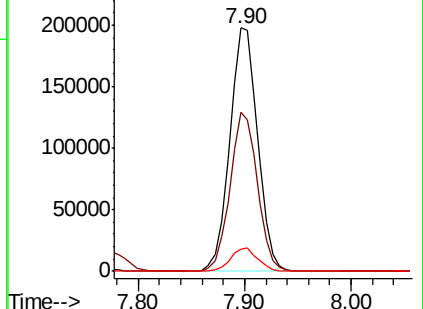
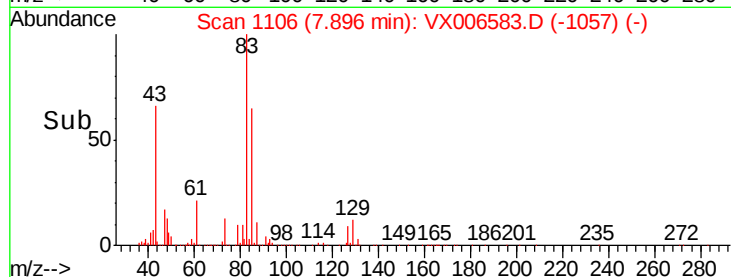
127 9.4 7.9 11.9



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): V



#48

Methyl methacrylate

Concen: 45.800 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

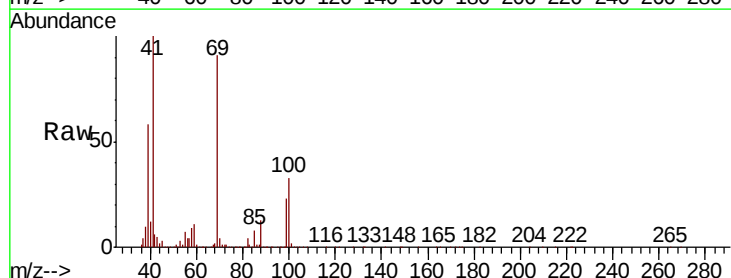
Tgt Ion: 41 Resp: 320889

Ion Ratio Lower Upper

41 100

69 92.2 70.3 105.5

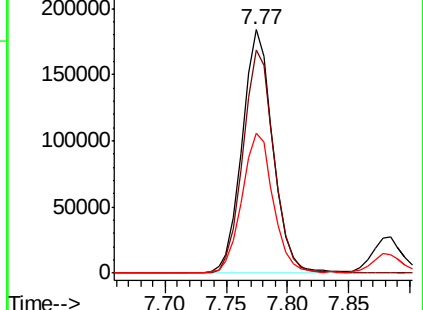
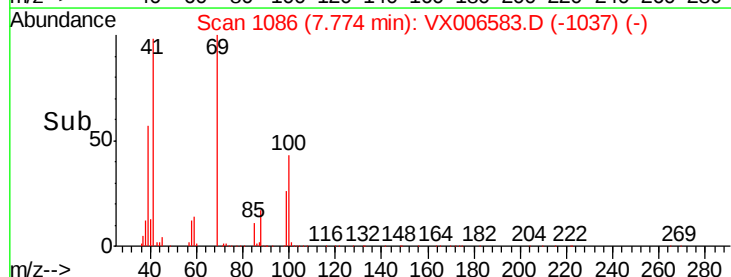
39 58.2 45.3 67.9

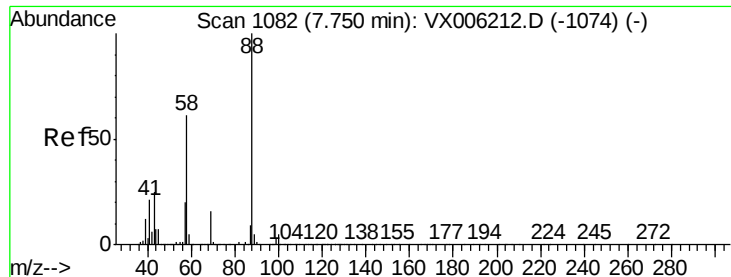


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

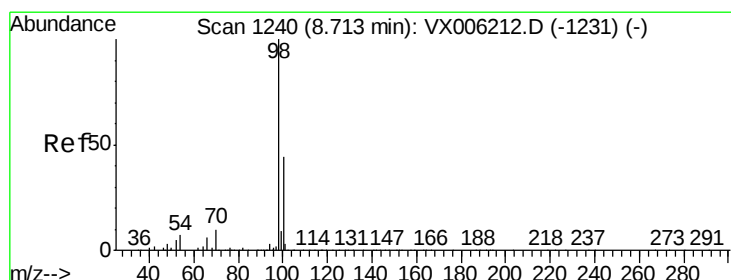
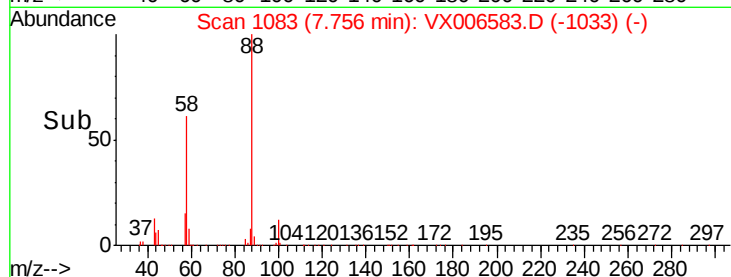
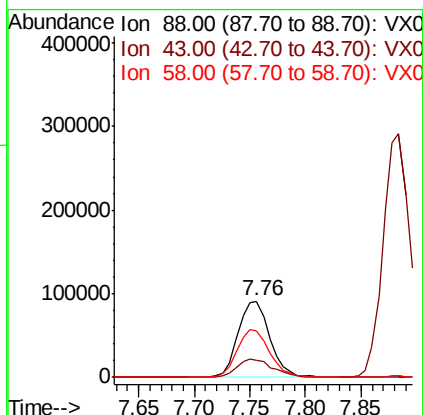
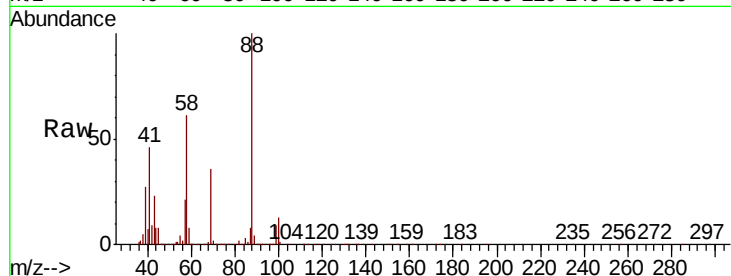




#49
1,4-Dioxane
Concen: 1045.037 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

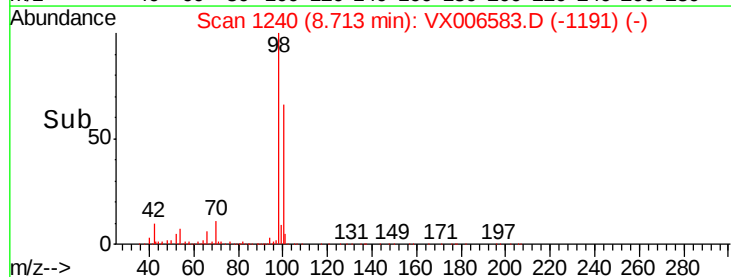
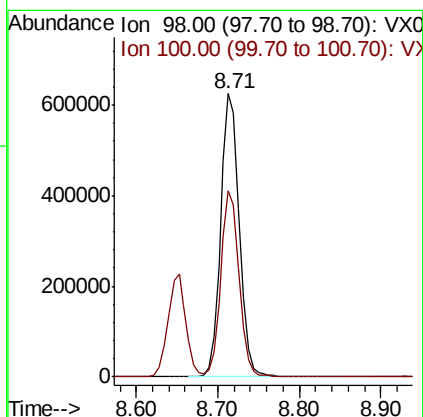
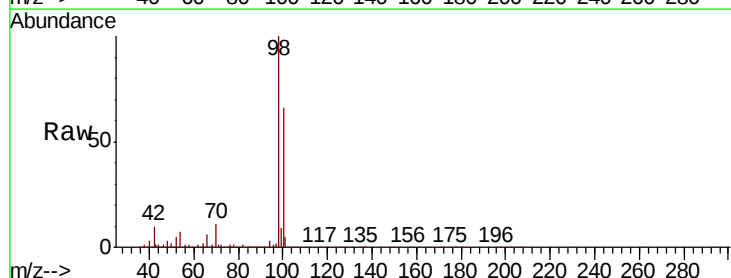
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.3	23.2	34.8
58	64.0	51.4	77.0



#50
Toluene-d8
Concen: 45.694 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2

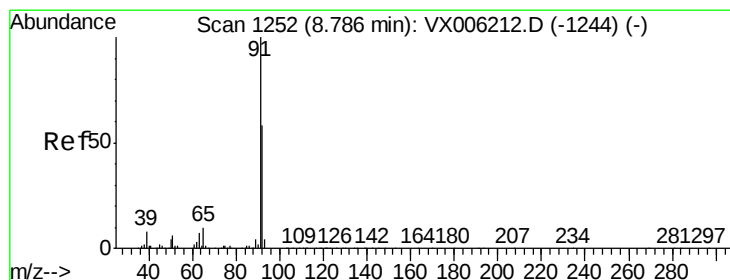
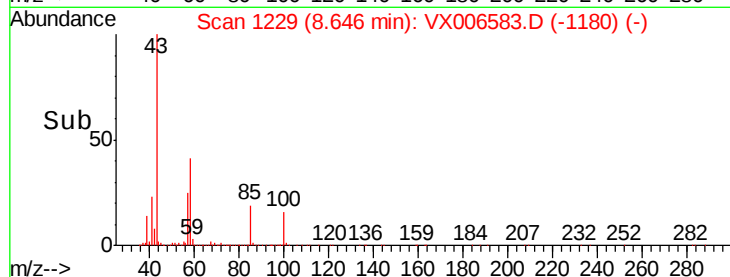
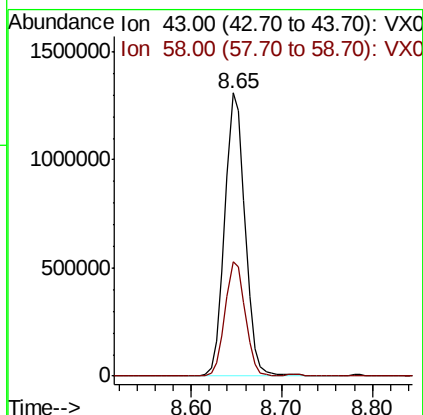
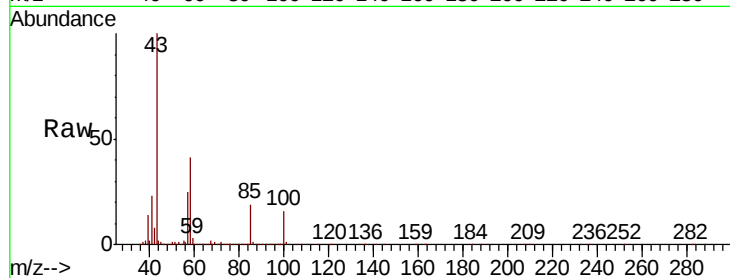




#51
 4-Methyl-2-Pentanone
 Concen: 244.020 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

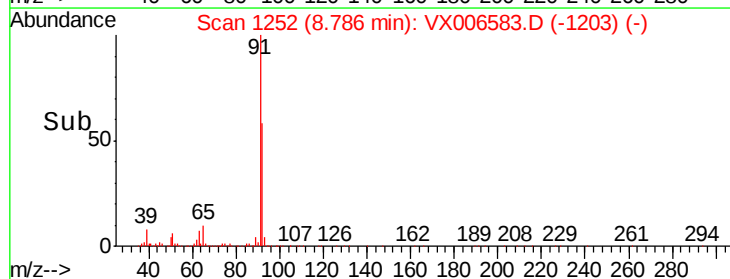
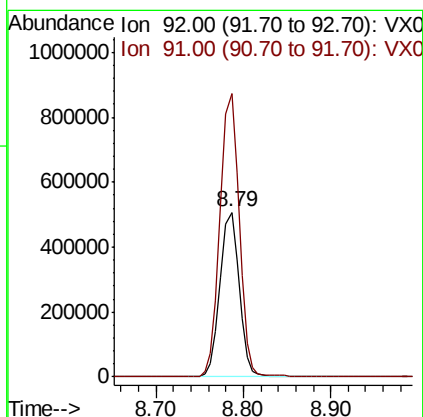
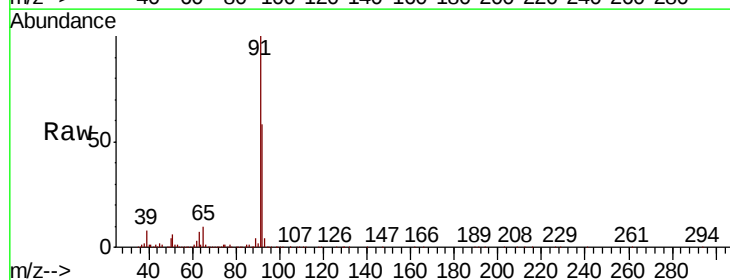
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MS

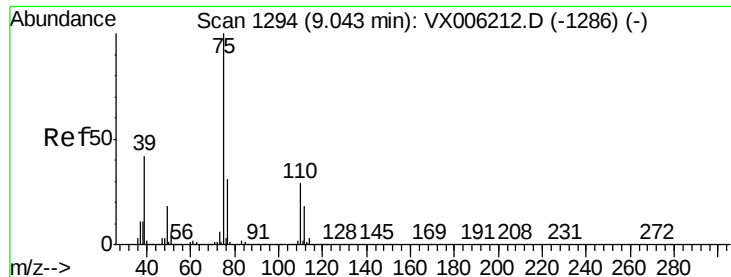
Tot Ion: 43 Resp: 2045870
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.3 46.9



#52
 Toluene
 Concen: 51.254 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Tgt Ion: 92 Resp: 779001
 Ion Ratio Lower Upper
 92 100
 91 172.2 139.2 208.8

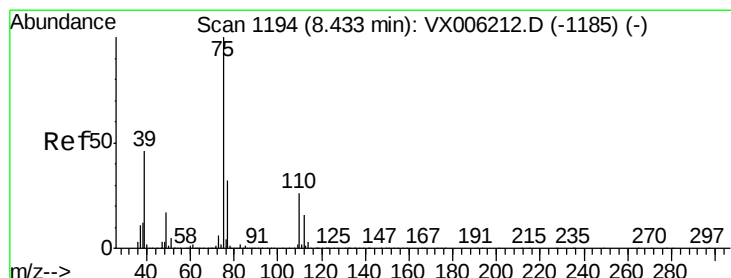
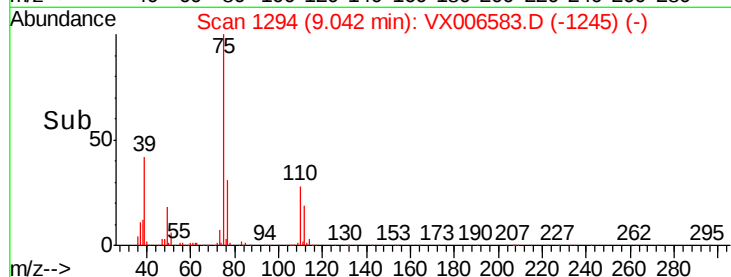
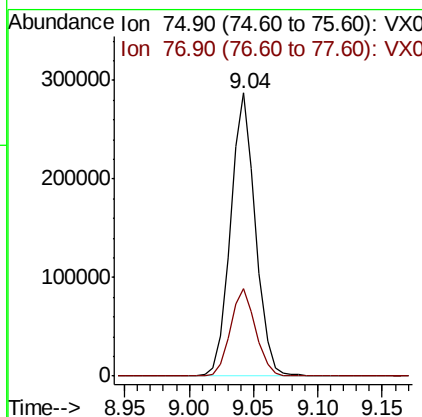
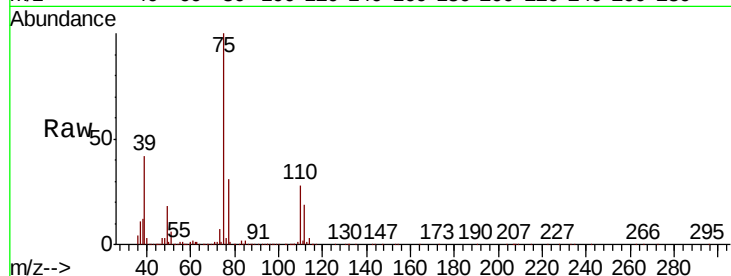




#53
 t-1,3-Dichloropropene
 Concen: 40.354 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

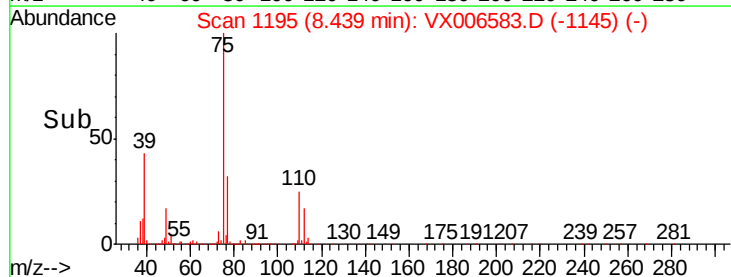
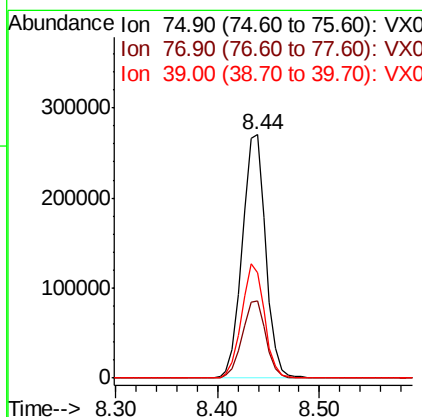
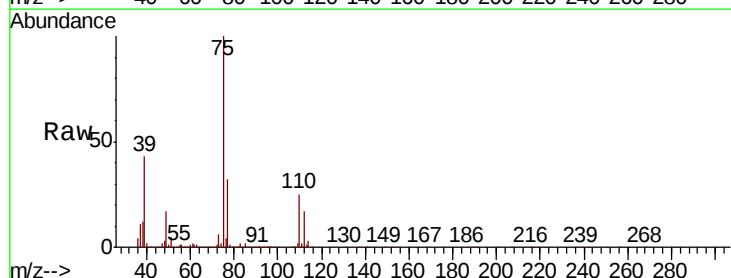
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MS

Tot Ion: 75 Resp: 387551
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 43.022 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Tgt Ion: 75 Resp: 429038
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4
 39 43.2 36.5 54.7

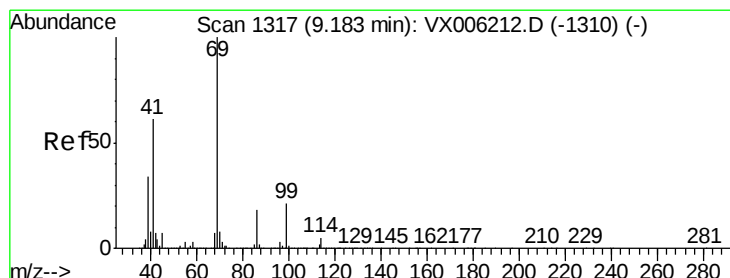
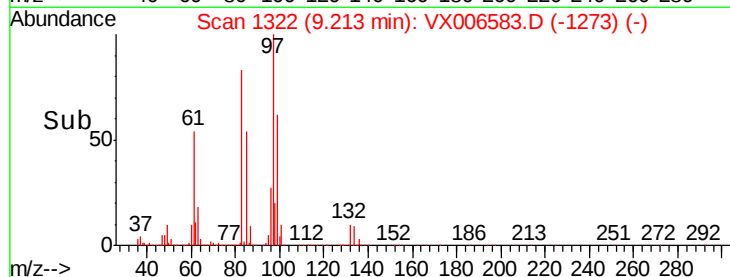
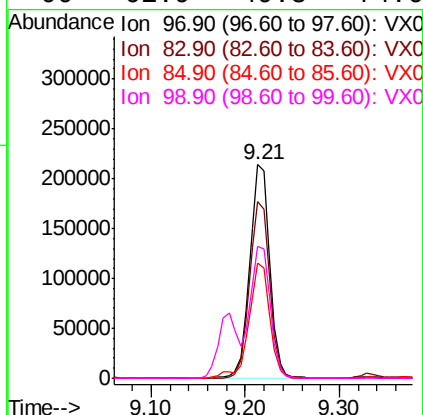
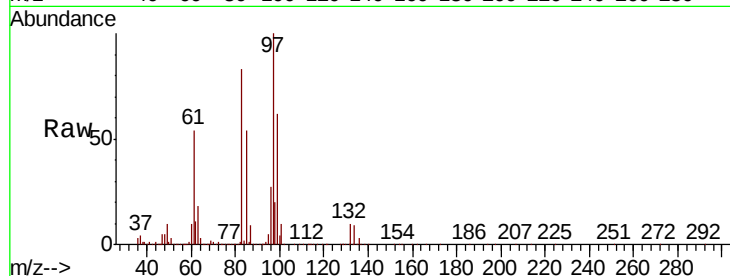




#55
 1,1,2-Trichloroethane
 Concen: 51.605 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

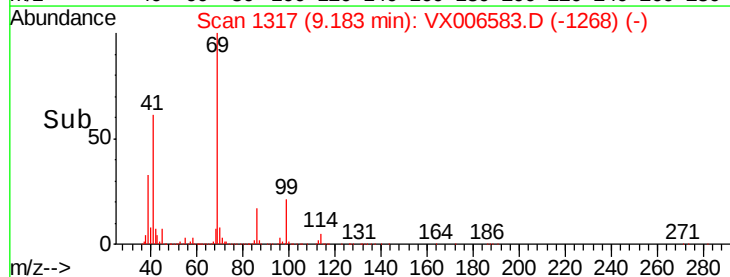
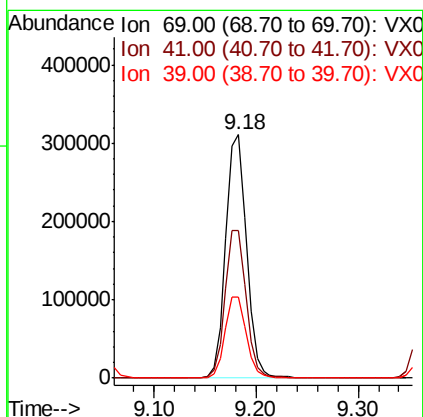
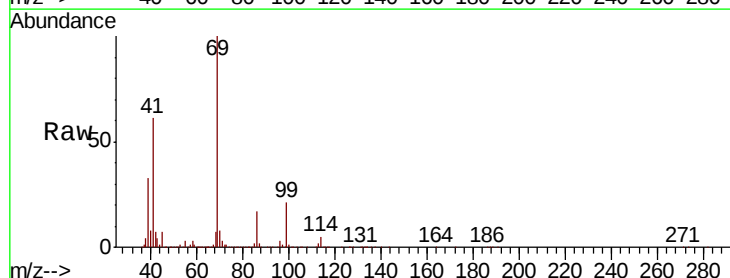
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MS

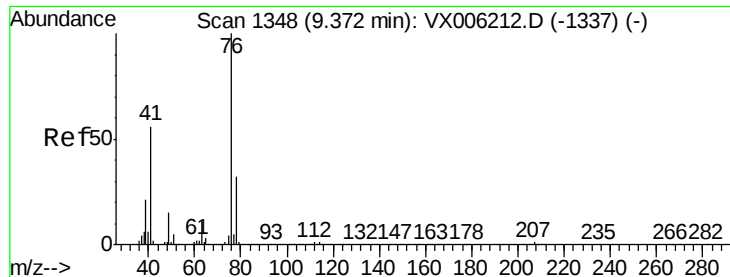
Tot Ion:	97	Resp:	318640
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.1	100.7
85	54.1	43.2	64.8
99	61.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 45.675 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Tgt Ion:	69	Resp:	440902
Ion	Ratio	Lower	Upper
69	100		
41	61.0	50.6	76.0
39	34.1	27.6	41.4





#57

1,3-Dichloropropane

Concen: 52.148 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

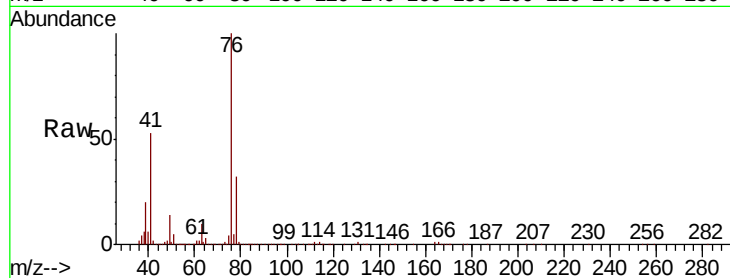
RE105D1-20181210MS

Tot Ion: 76 Resp: 509168

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

400000

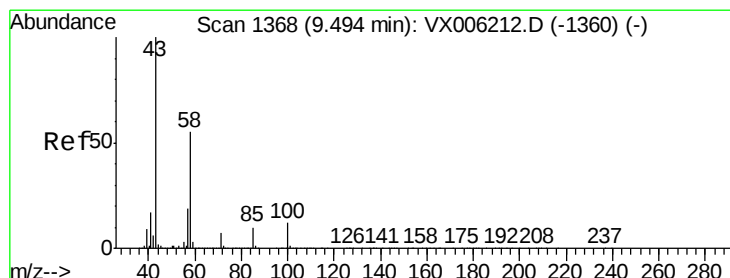
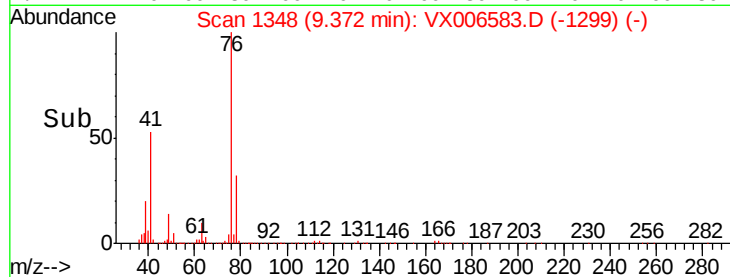
300000

200000

100000

0

Time-->



#59

2-Hexanone

Concen: 242.535 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006583.D

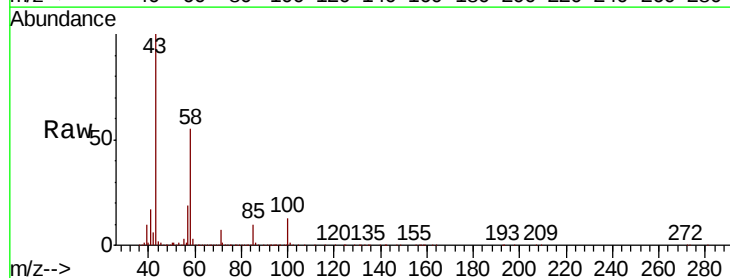
Acq: 17 Dec 2018 19:52

Tgt Ion: 43 Resp: 1553539

Ion Ratio Lower Upper

43 100

58 56.0 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

1200000

1000000

800000

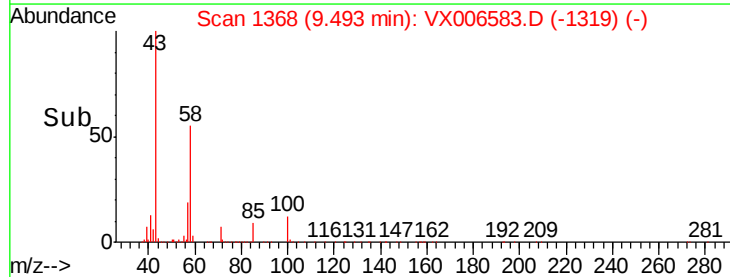
600000

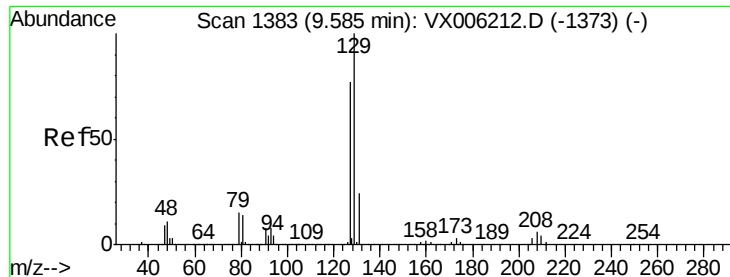
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 40.110 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

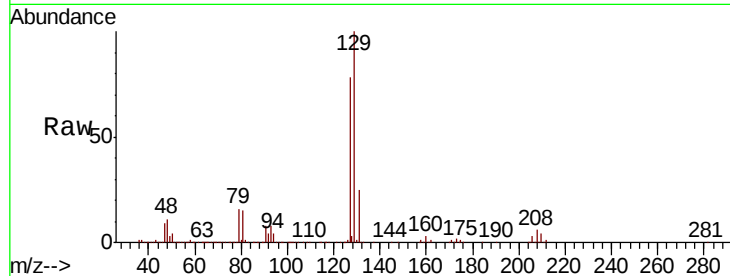
RE105D1-20181210MS

Tot Ion:129 Resp: 305391

Ion Ratio Lower Upper

129 100

127 77.6 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

200000

150000

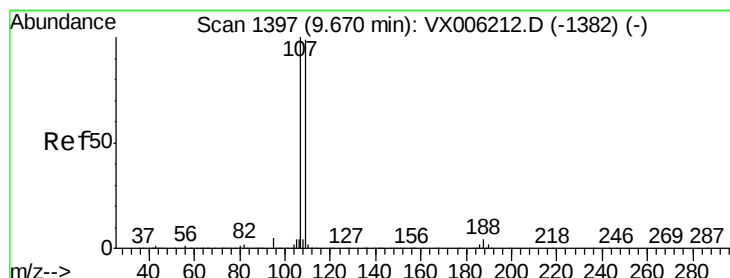
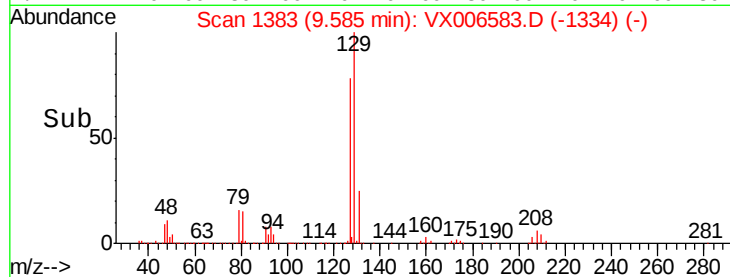
100000

50000

0

9.50 9.55 9.60 9.65 9.70

Time-->



#61

1,2-Dibromoethane

Concen: 50.108 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006583.D

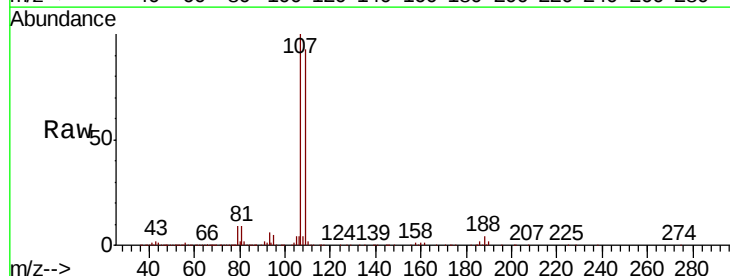
Acq: 17 Dec 2018 19:52

Tgt Ion:107 Resp: 345955

Ion Ratio Lower Upper

107 100

109 94.1 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

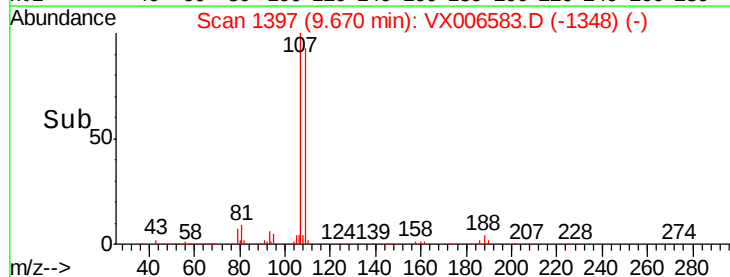
100000

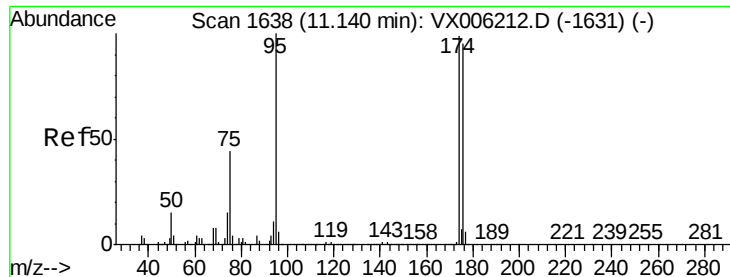
50000

0

9.60 9.65 9.70 9.75

Time-->





#62

4-Bromofluorobenzene

Concen: 45.425 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MS

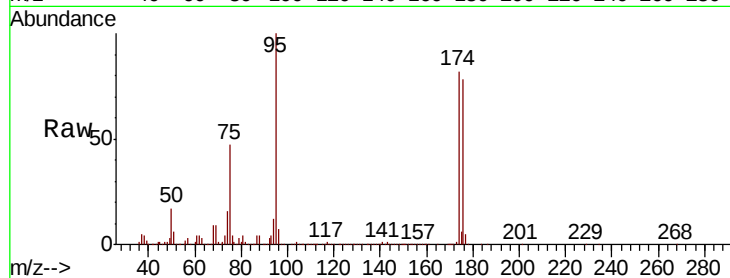
Tot Ion: 95 Resp: 369253

Ion Ratio Lower Upper

95 100

174 89.0 0.0 187.0

176 86.9 0.0 181.8

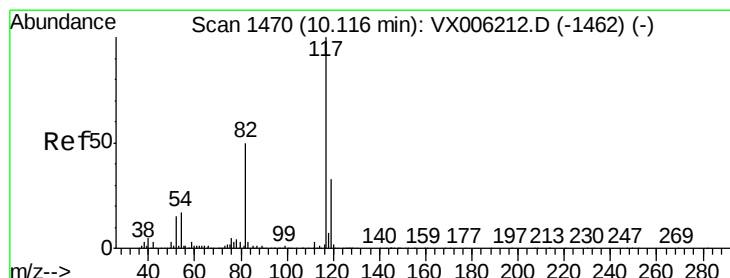
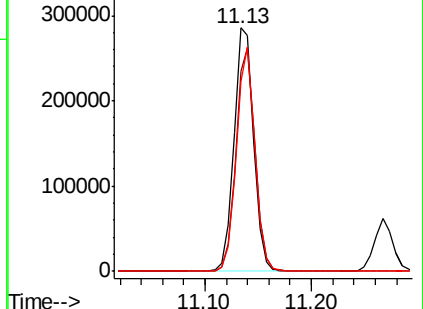
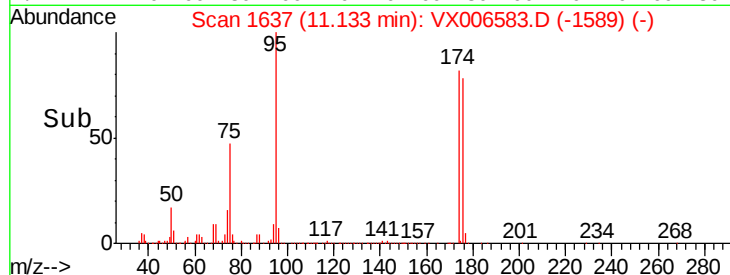


Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)

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

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

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

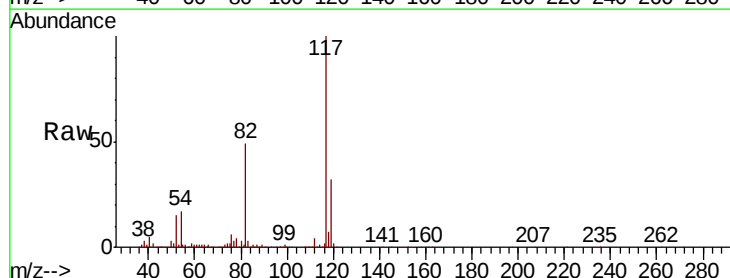
Tgt Ion: 117 Resp: 839832

Ion Ratio Lower Upper

117 100

82 49.5 39.6 59.4

119 31.5 26.3 39.5

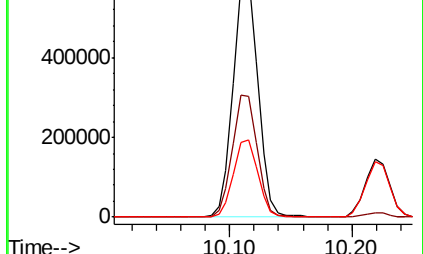
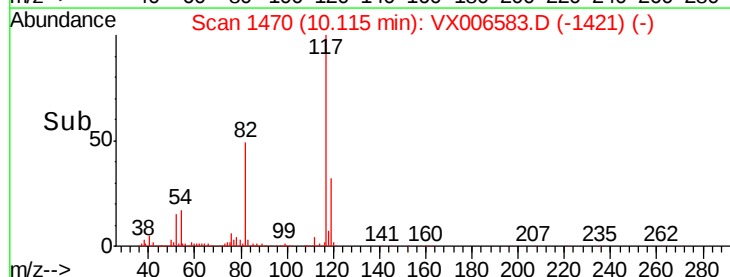


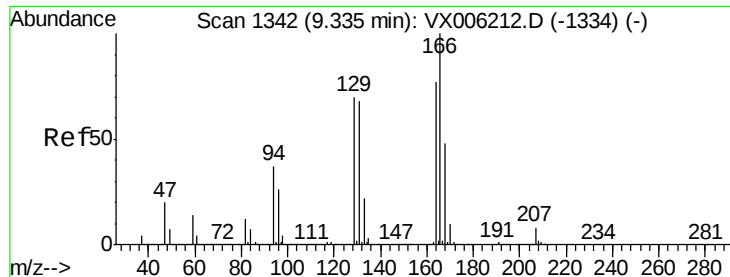
Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

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

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

Time-->

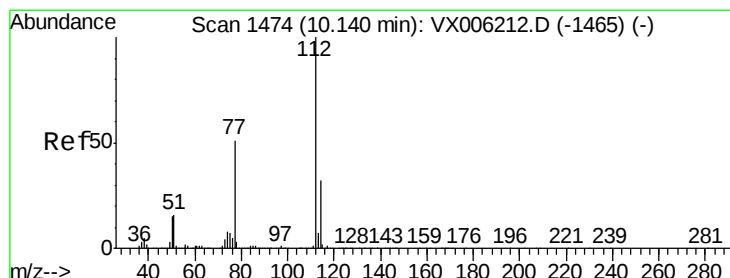
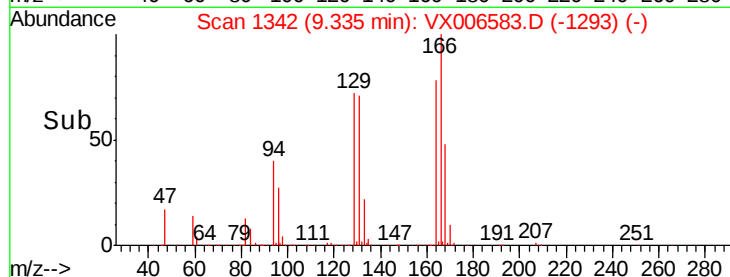
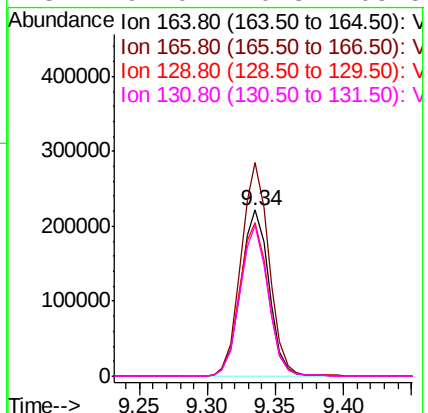
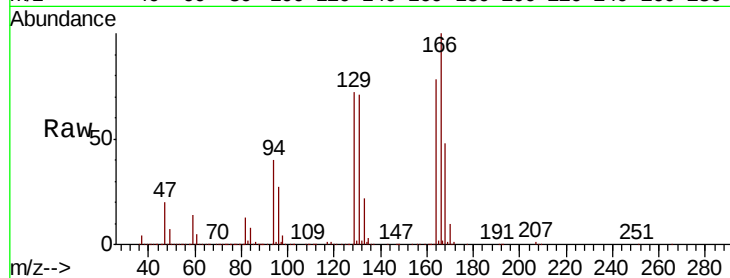




#64
Tetrachloroethene
Concen: 50.788 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

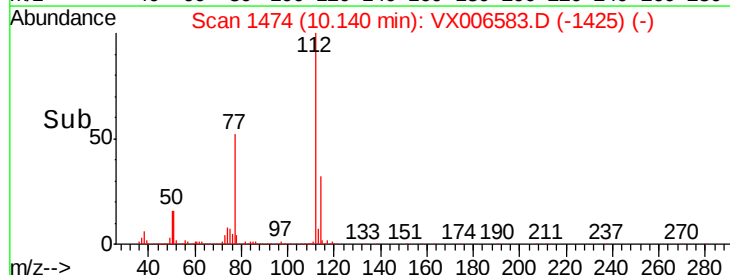
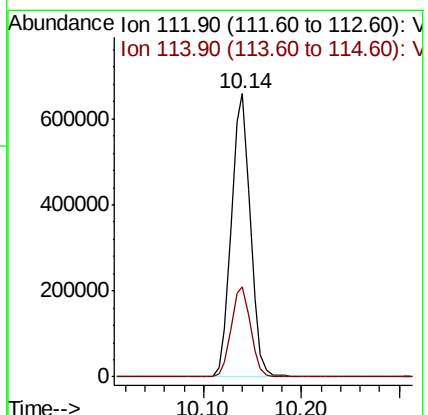
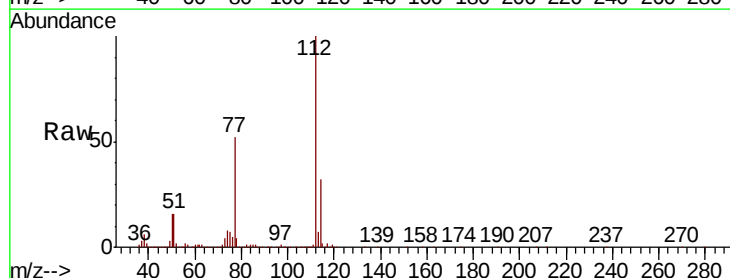
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MS

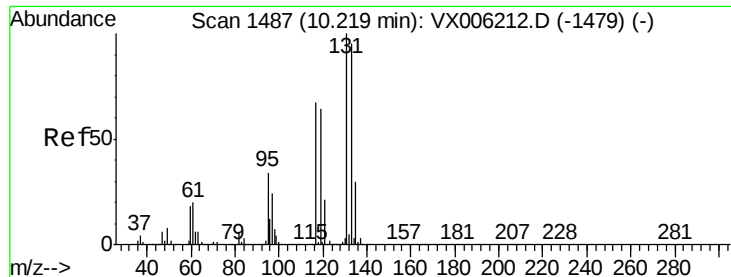
Tot Ion	Ratio	Lower	Upper
164	100		
166	128.7	104.2	156.2
129	92.6	72.6	108.8
131	91.0	70.3	105.5



#65
Chlorobenzene
Concen: 49.820 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.4	38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 42.872 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MS

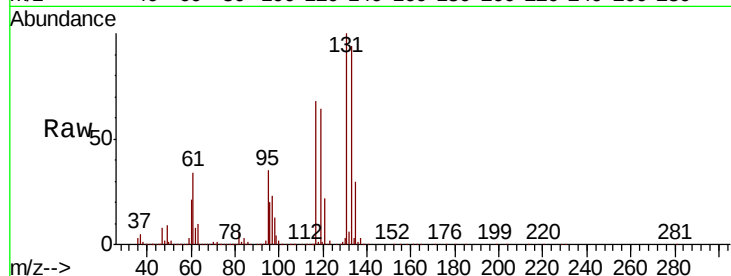
Tot Ion:131 Resp: 296965

Ion Ratio Lower Upper

131 100

133 93.9 48.1 144.4

119 65.0 32.1 96.3

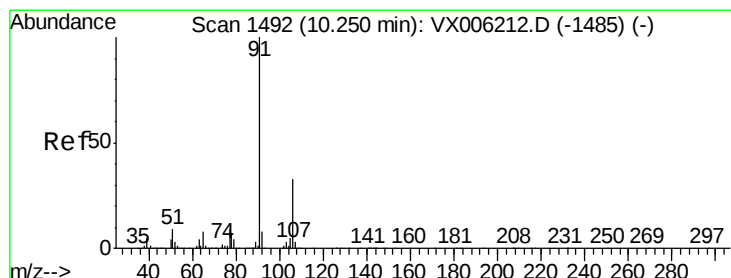
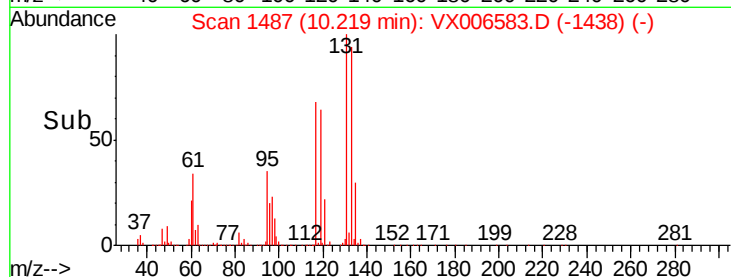
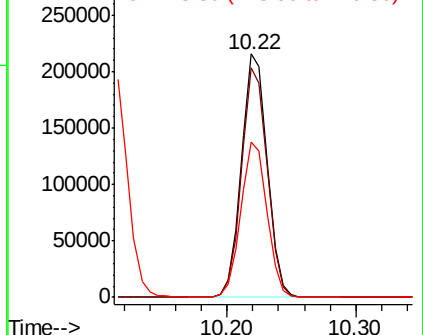


Abundance

Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.623 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006583.D

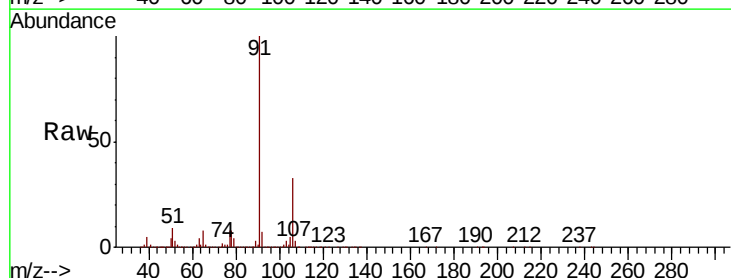
Acq: 17 Dec 2018 19:52

Tgt Ion: 91 Resp: 1471390

Ion Ratio Lower Upper

91 100

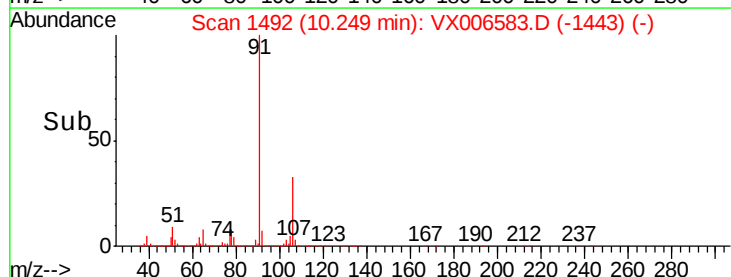
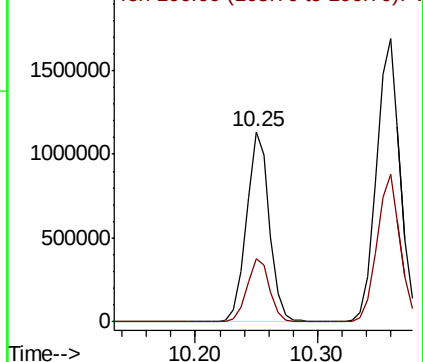
106 32.9 26.5 39.7

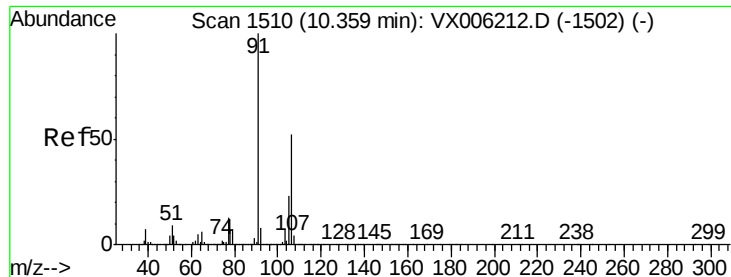


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 97.769 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

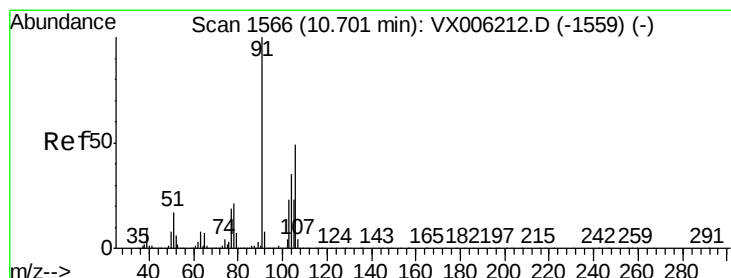
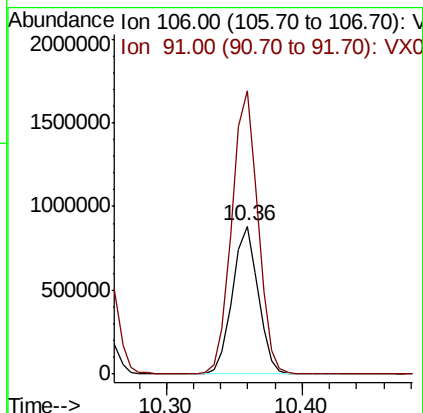
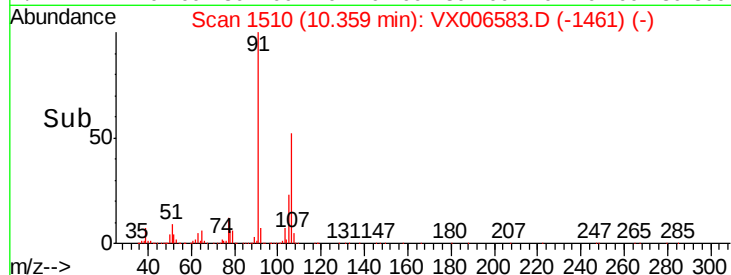
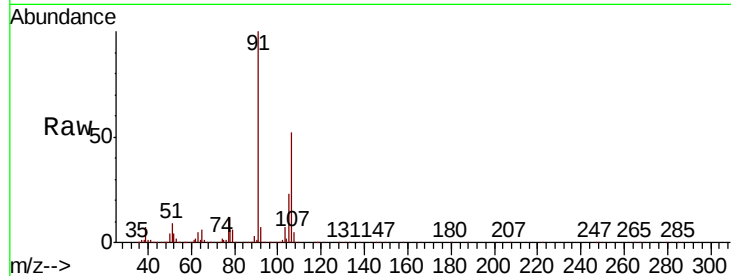
RE105D1-20181210MS

Tot Ion:106 Resp: 1161242

Ion Ratio Lower Upper

106 100

91 195.4 155.2 232.8



#69

o-Xylene

Concen: 49.108 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX006583.D

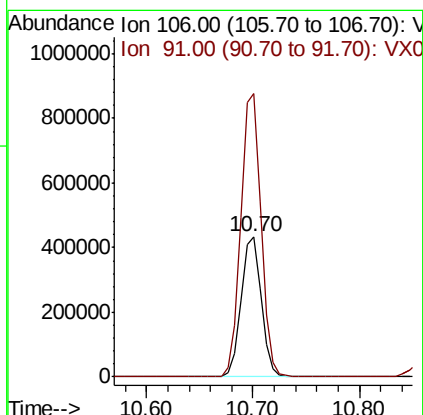
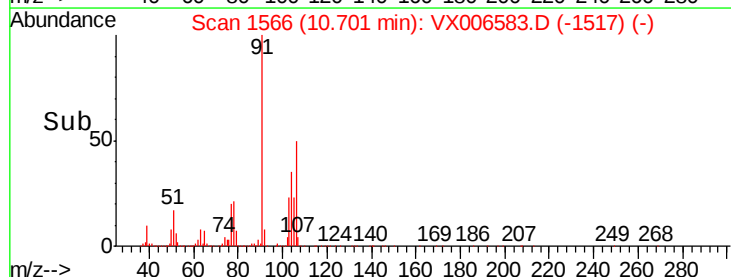
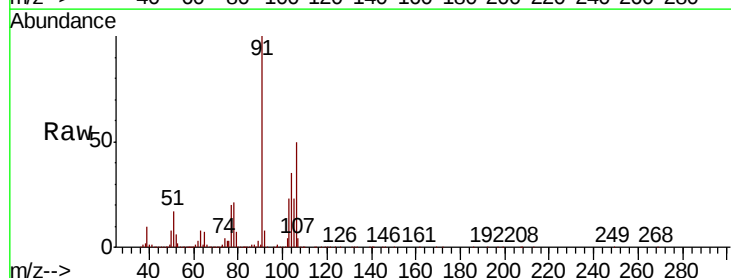
Acq: 17 Dec 2018 19:52

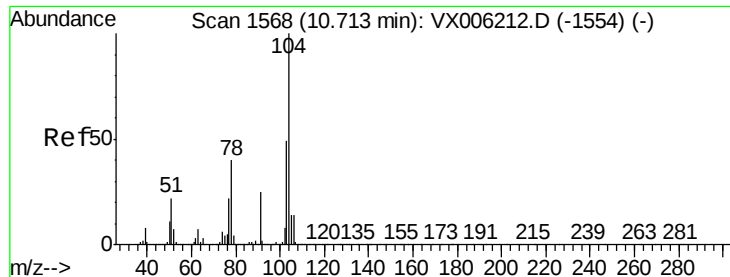
Tgt Ion:106 Resp: 576132

Ion Ratio Lower Upper

106 100

91 203.8 101.8 305.6

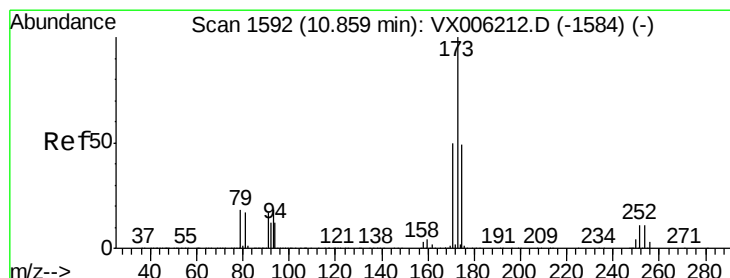
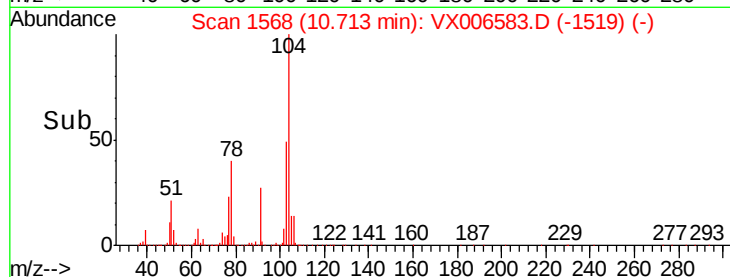
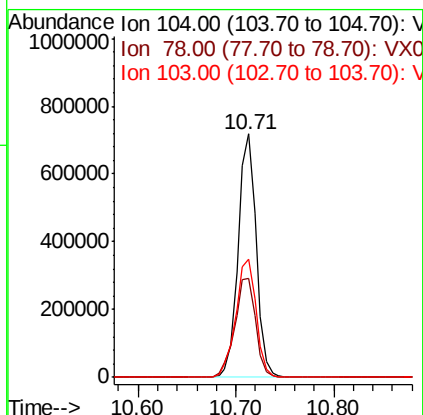
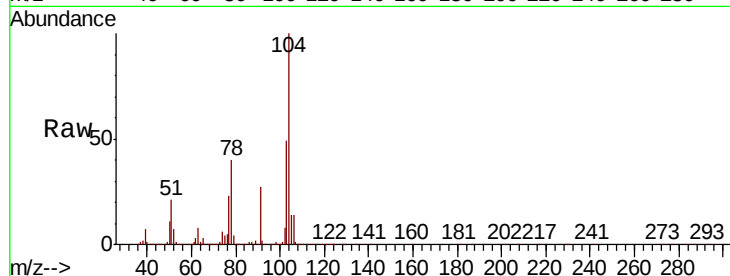




#70
Stvrene
Concen: 48.535 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

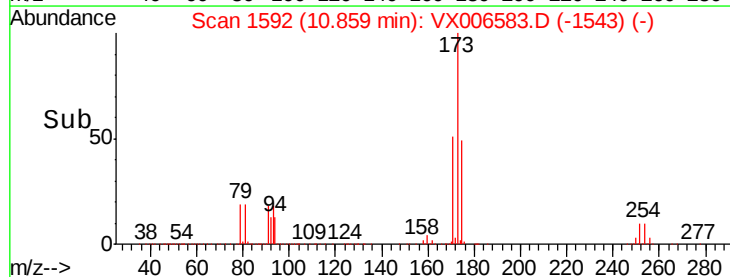
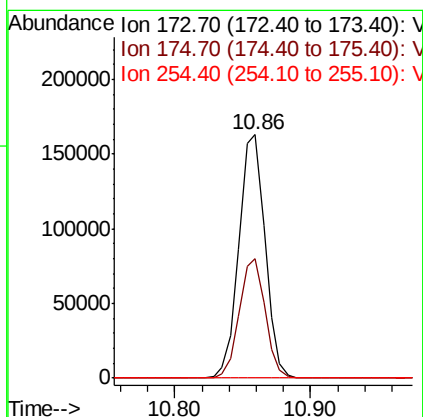
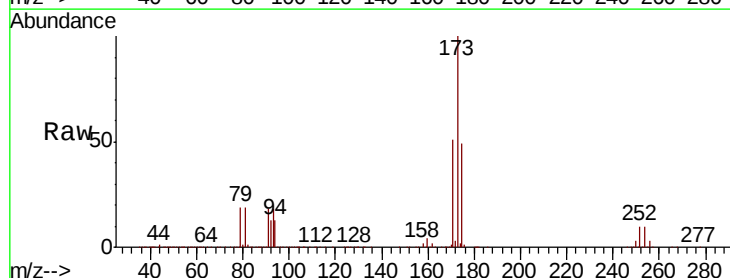
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MS

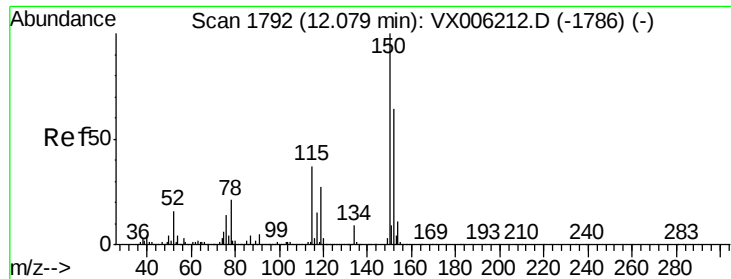
Tot Ion:104 Resp: 920953
Ion Ratio Lower Upper
104 100
78 47.4 37.2 55.8
103 55.1 43.5 65.3



#71
Bromoform
Concen: 33.634 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion:173 Resp: 219921
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.1 0.2 0.2#



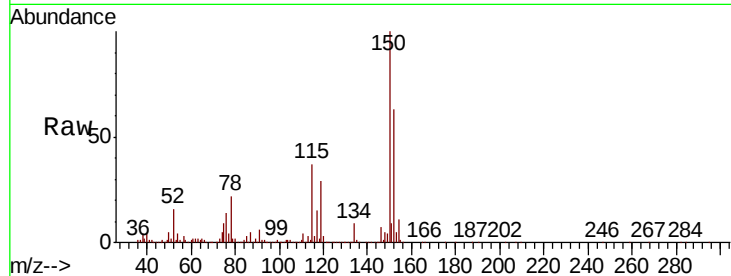


#72

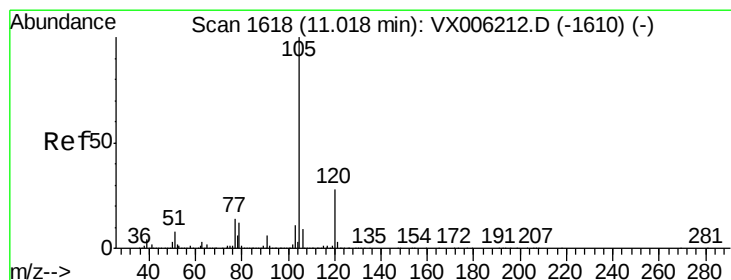
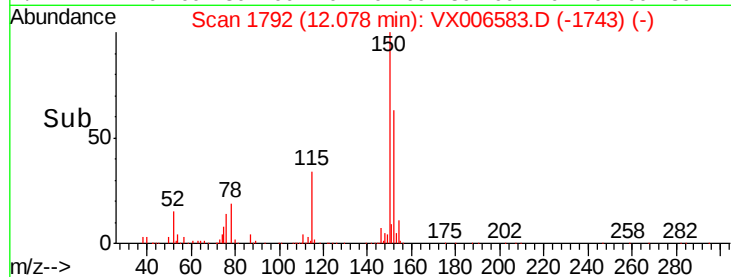
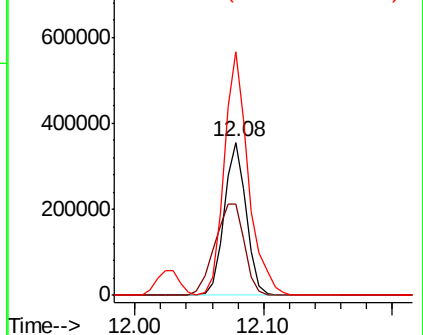
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	80.3	39.0	116.9
150	175.1	0.0	345.8



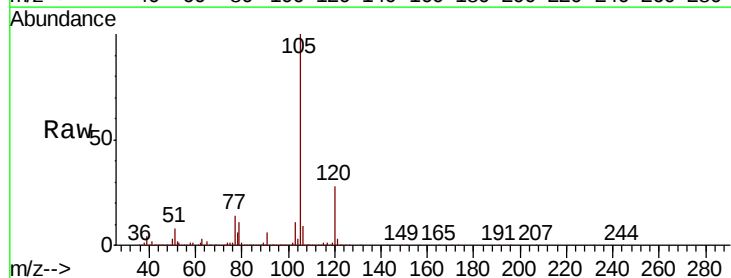
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



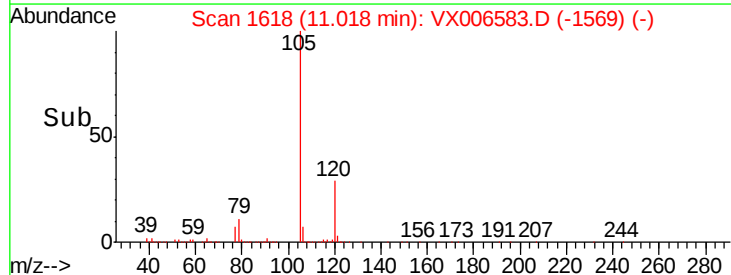
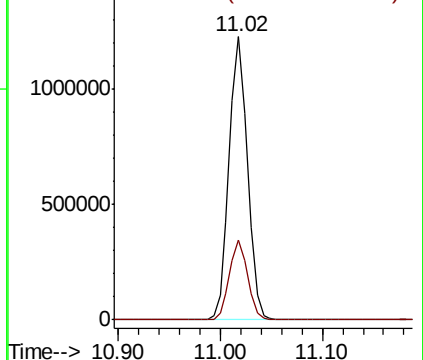
#73

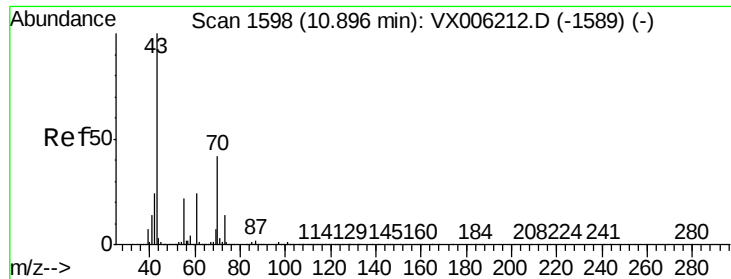
Isopropylbenzene
Concen: 52.010 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.9	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: 39.381 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion: 43 Resp: 496995

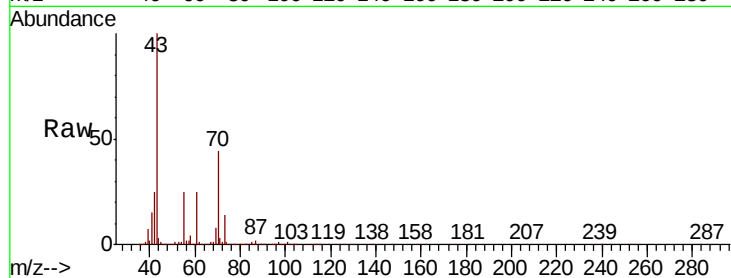
Ion Ratio Lower Upper

43 100

70 44.4 34.1 51.1

55 25.1 17.8 26.8

61 24.8 19.7 29.5

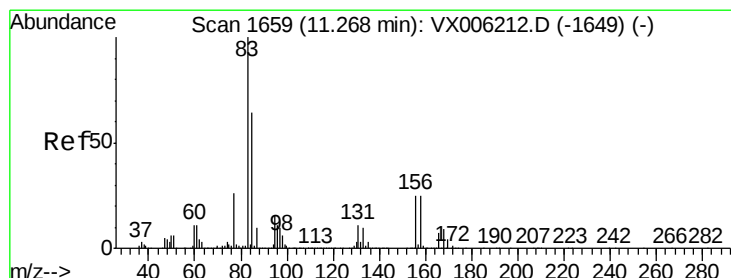
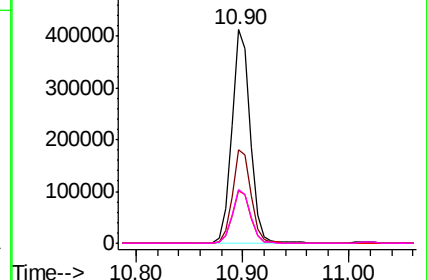
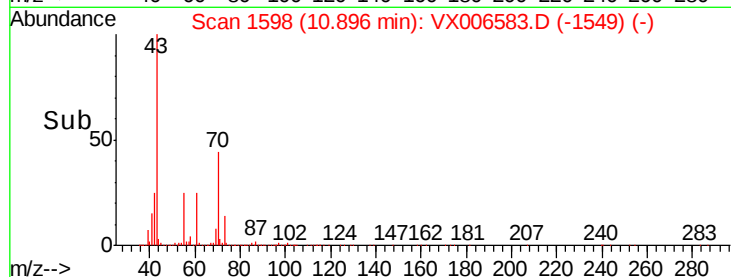


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.398 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

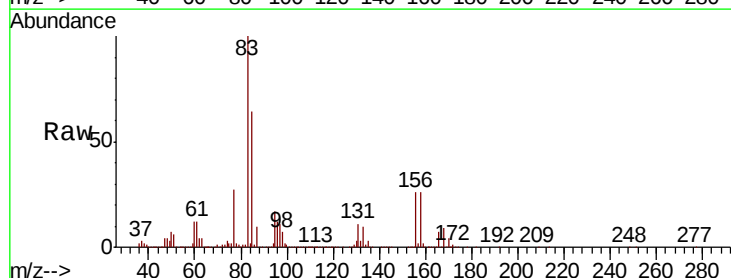
Tgt Ion: 83 Resp: 463149

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

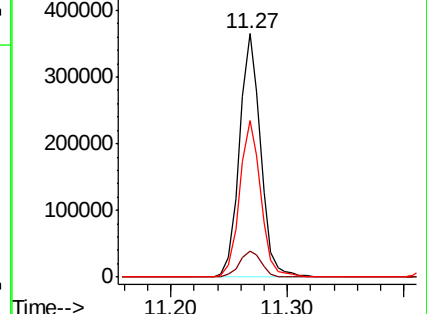
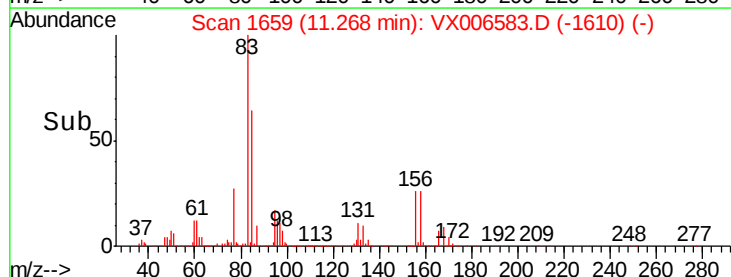
85 64.3 32.1 96.5

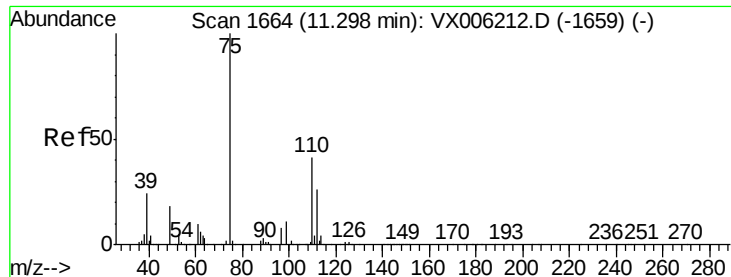


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 62.657 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

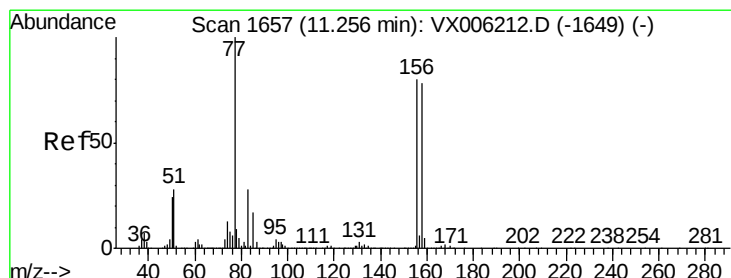
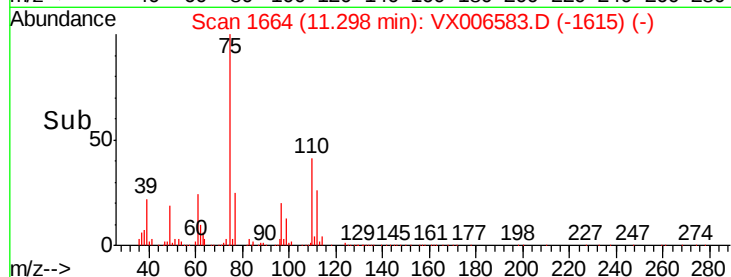
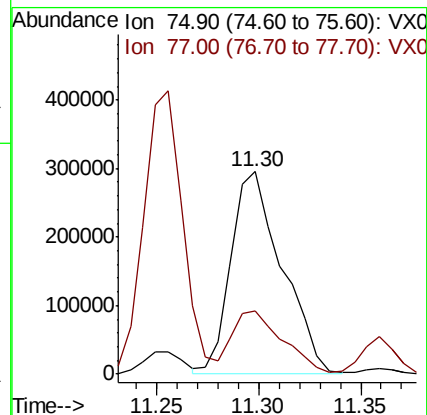
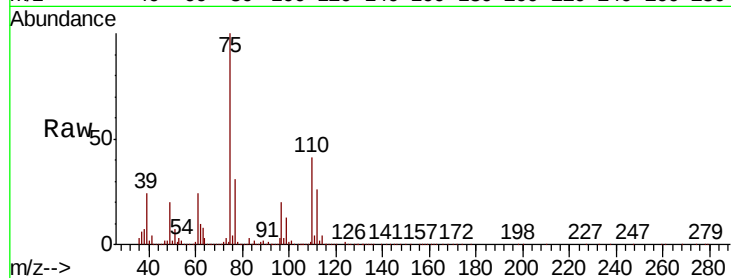
RE105D1-20181210MS

Tot Ion: 75 Resp: 513237

Ion Ratio Lower Upper

75 100

77 30.7 19.9 59.7



#77

Bromobenzene

Concen: 48.803 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

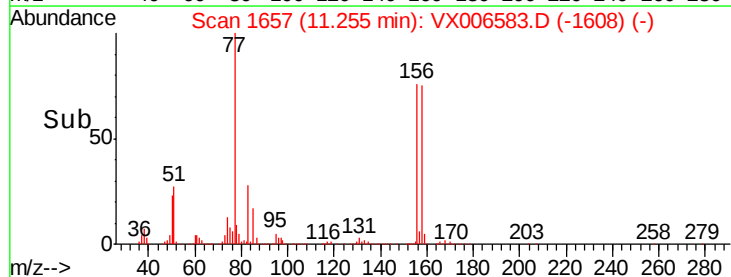
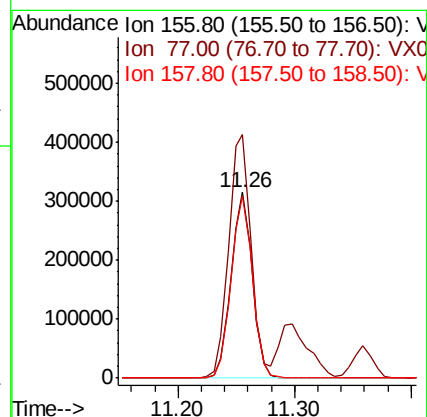
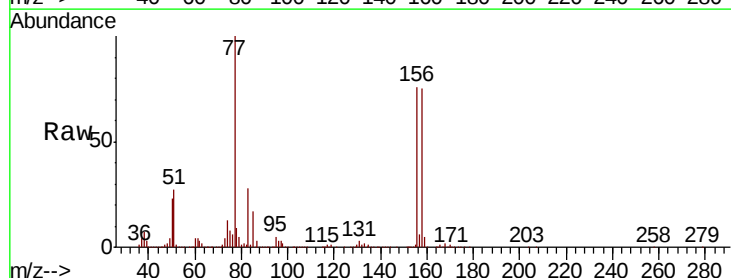
Tgt Ion: 156 Resp: 396929

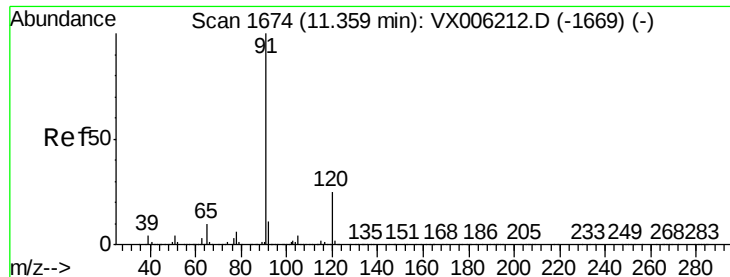
Ion Ratio Lower Upper

156 100

77 138.2 66.2 198.6

158 99.0 48.8 146.4





#78

n-propylbenzene

Concen: 51.154 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

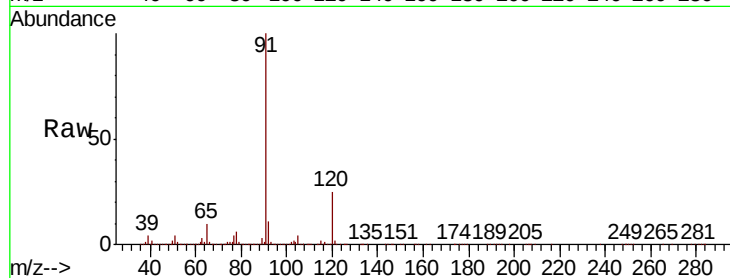
RE105D1-20181210MS

Tot Ion: 91 Resp: 1666481

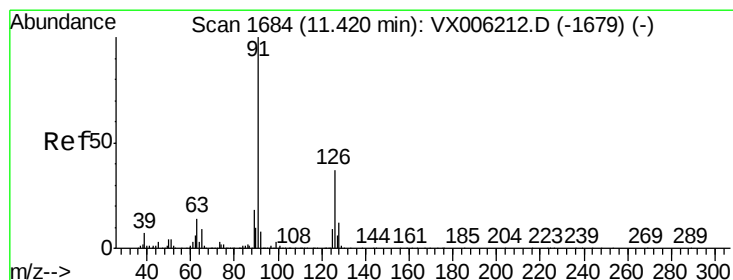
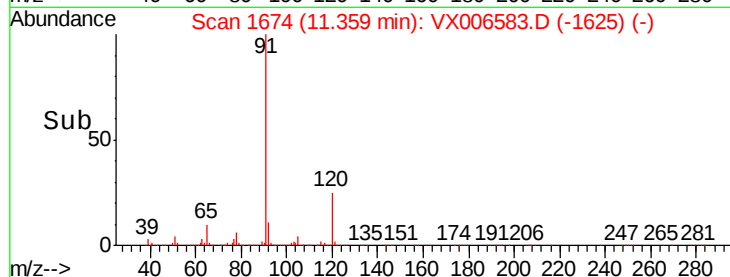
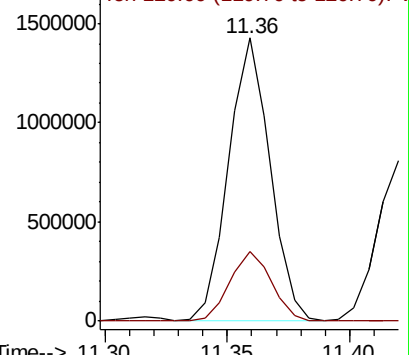
Ion Ratio Lower Upper

91 100

120 25.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1669) (-)



#79

2-Chlorotoluene

Concen: 51.158 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006583.D

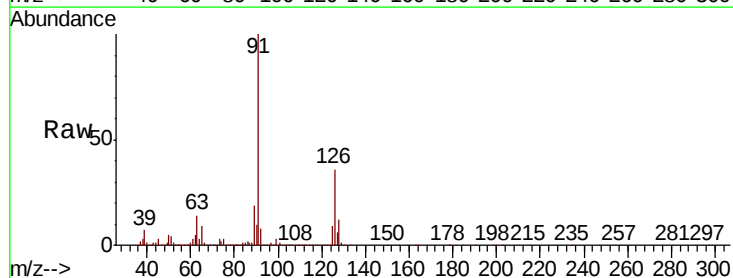
Acq: 17 Dec 2018 19:52

Tgt Ion: 91 Resp: 990571

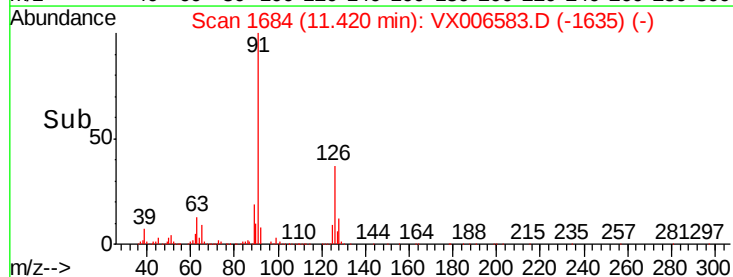
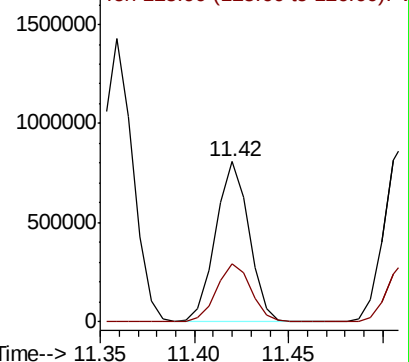
Ion Ratio Lower Upper

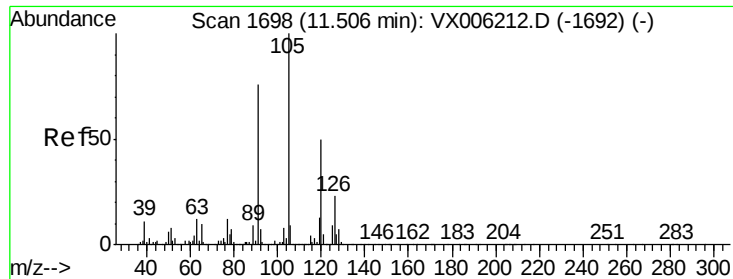
91 100

126 37.5 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1679) (-)





#80

1,3,5-Trimethylbenzene

Concen: 50.978 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

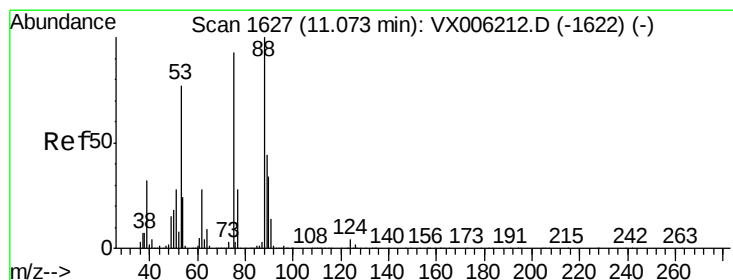
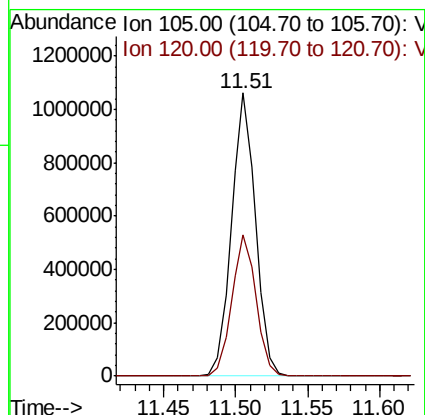
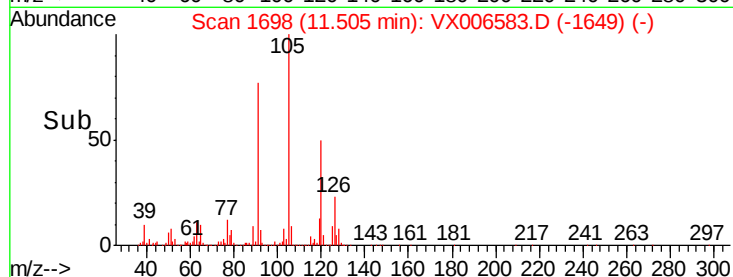
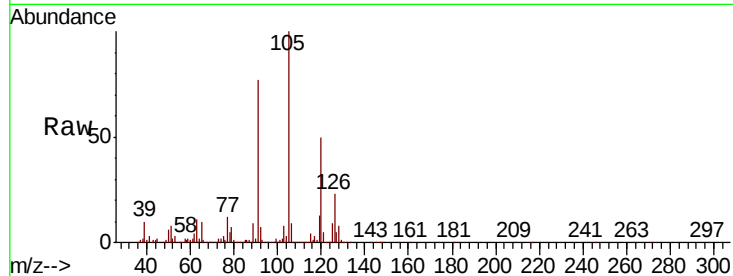
RE105D1-20181210MS

Tot Ion:105 Resp: 1243060

Ion Ratio Lower Upper

105 100

120 50.4 25.4 76.0



#81

trans-1,4-Dichloro-2-butene

Concen: 31.131 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

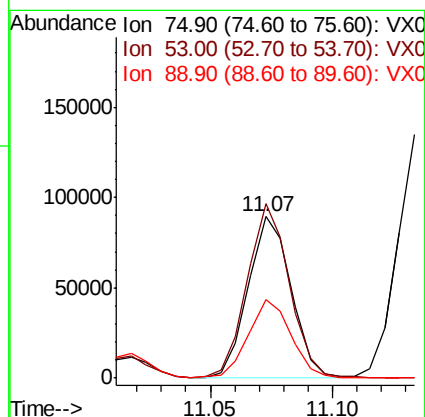
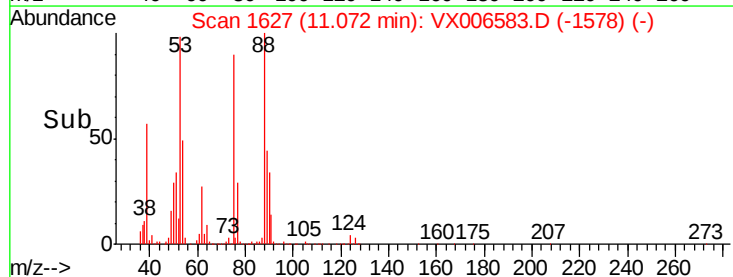
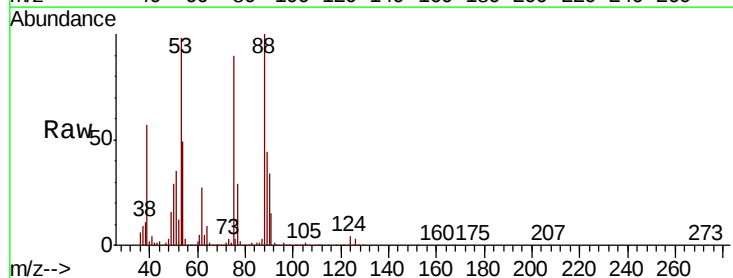
Tgt Ion: 75 Resp: 108661

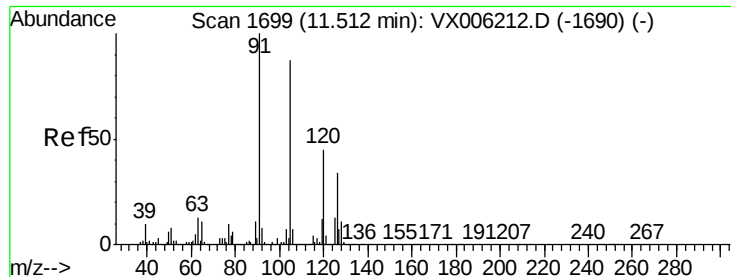
Ion Ratio Lower Upper

75 100

53 107.3 64.4 96.6#

89 48.7 44.2 66.4

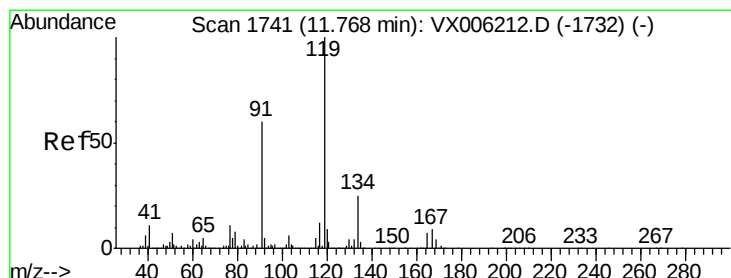
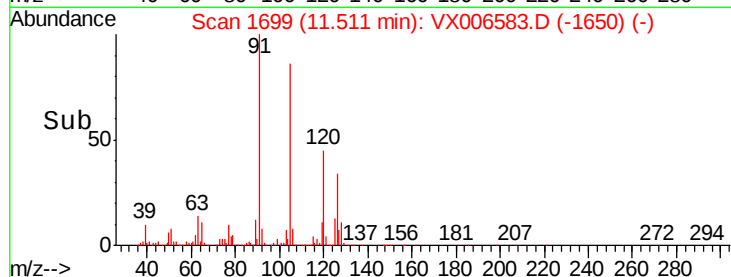
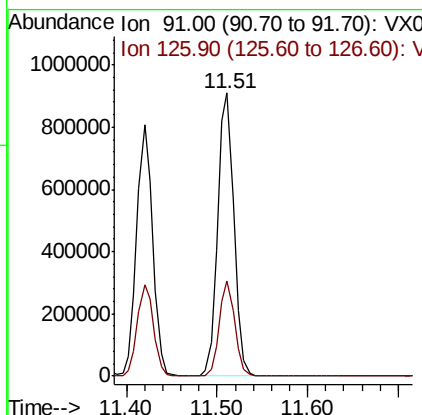
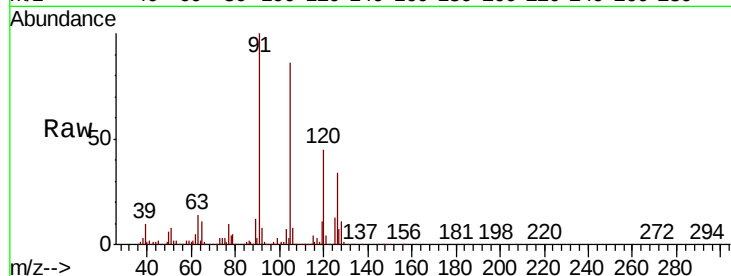




#82
4-Chlorotoluene
Concen: 50.546 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

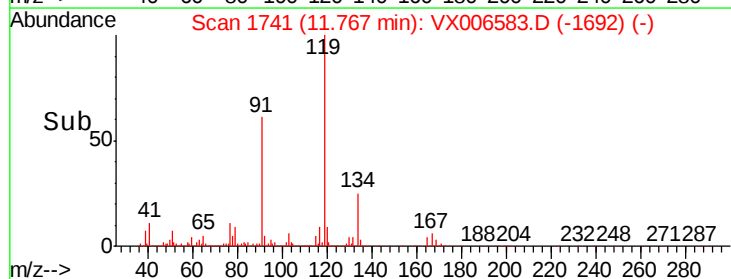
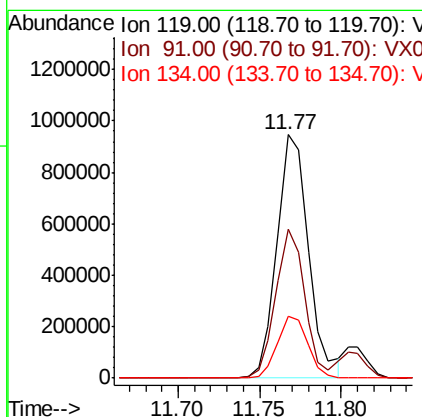
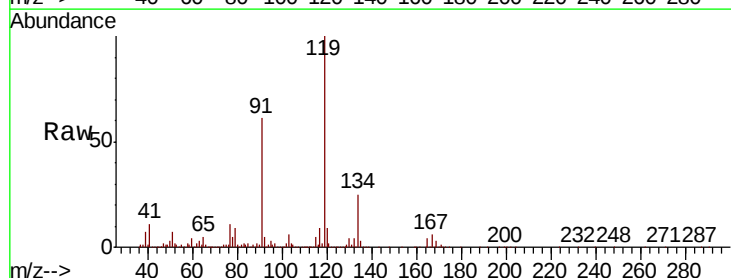
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MS

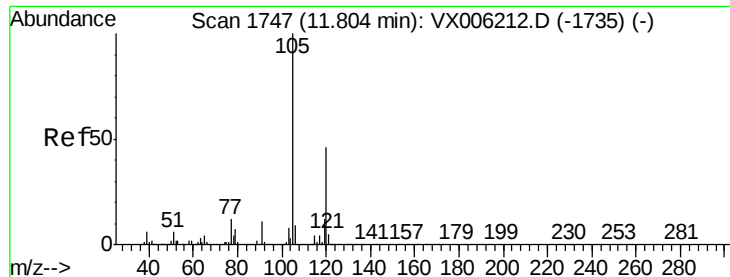
Tot Ion: 91 Resp: 1137913
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.4



#83
tert-Butylbenzene
Concen: 48.628 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 119 Resp: 1265158
Ion Ratio Lower Upper
119 100
91 56.2 26.4 79.2
134 24.4 11.6 34.7

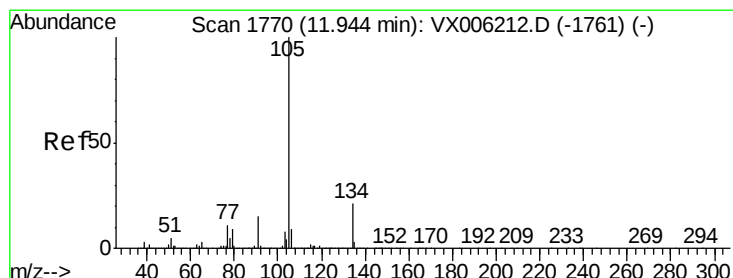
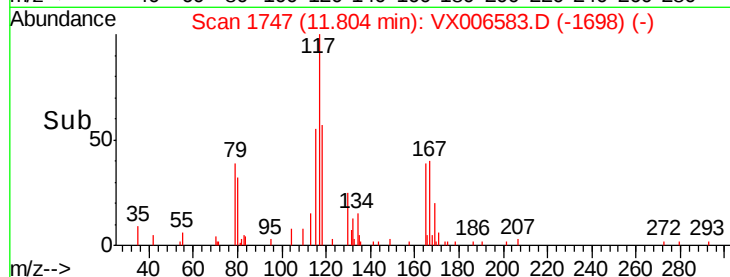
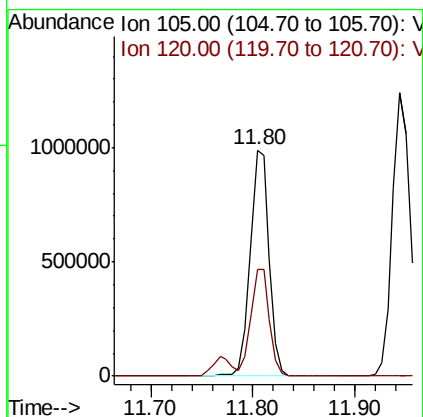
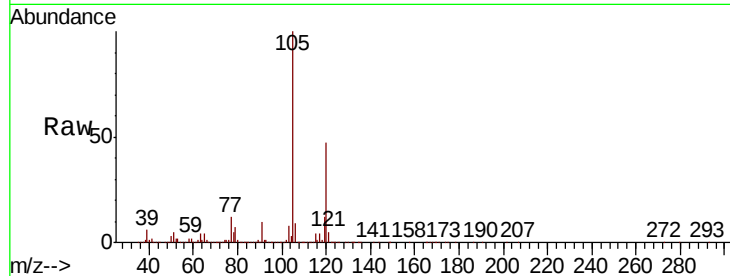




#84
1,2,4-Trimethylbenzene
Concen: 51.071 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

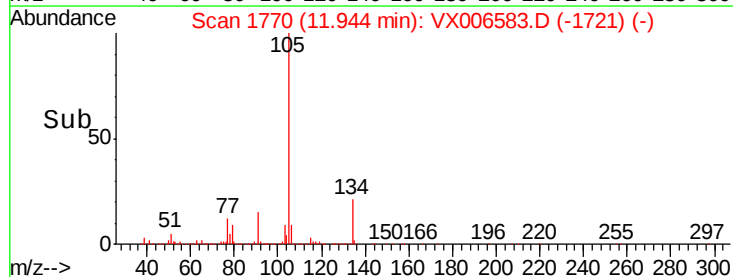
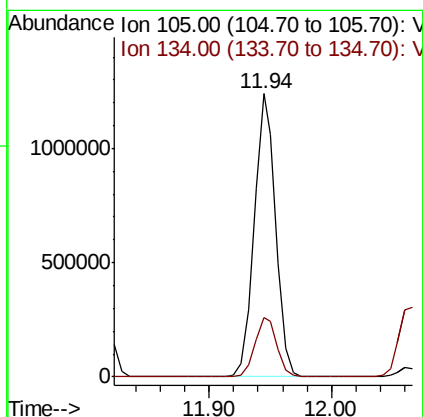
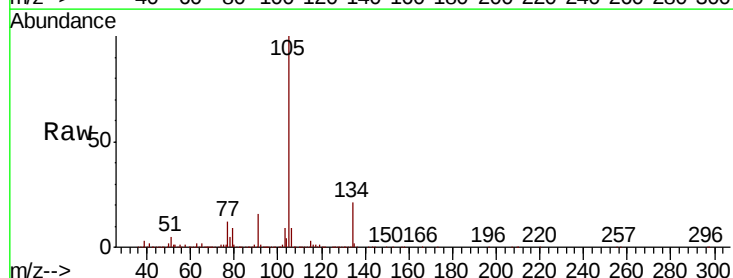
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MS

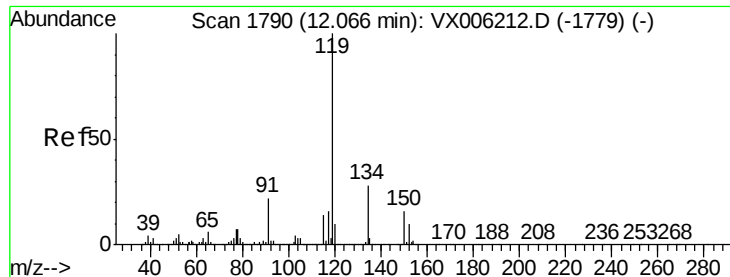
Tot Ion:105 Resp: 1285906
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.0



#85
sec-Butylbenzene
Concen: 51.073 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion:105 Resp: 1511672
Ion Ratio Lower Upper
105 100
134 21.5 10.8 32.4

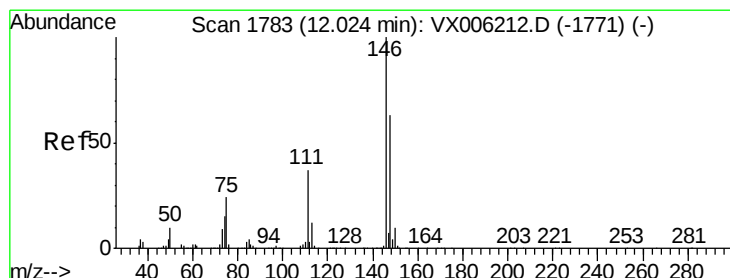
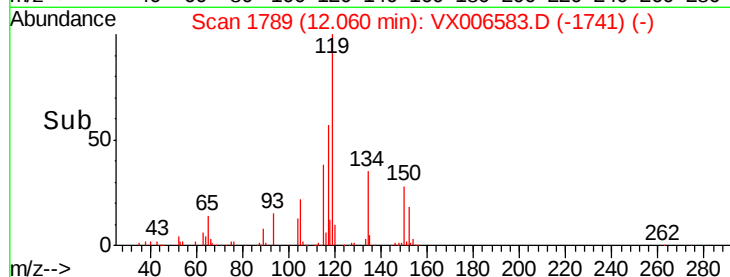
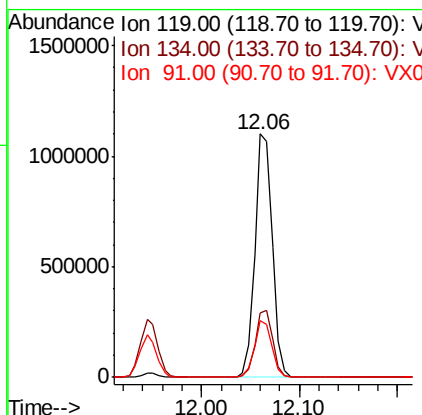
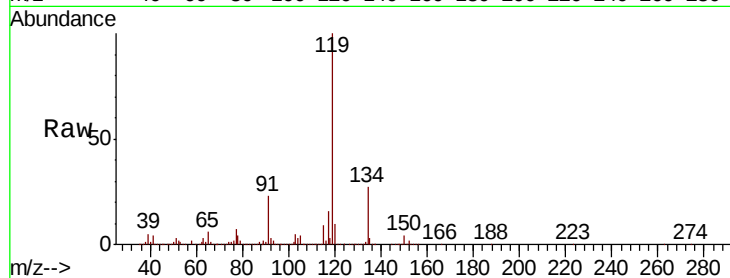




#86
 p-Isopropyltoluene
 Concen: 50.629 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

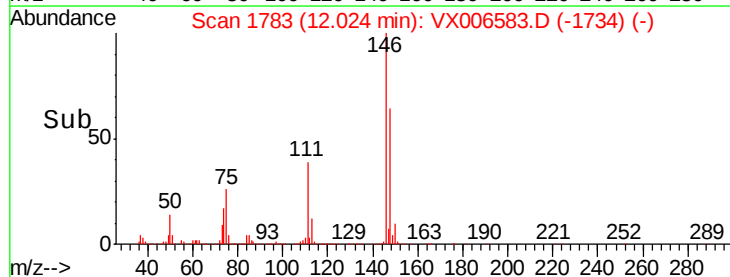
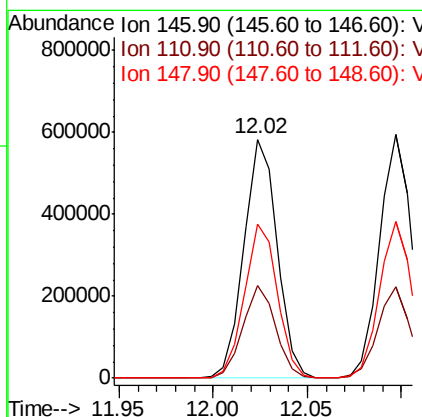
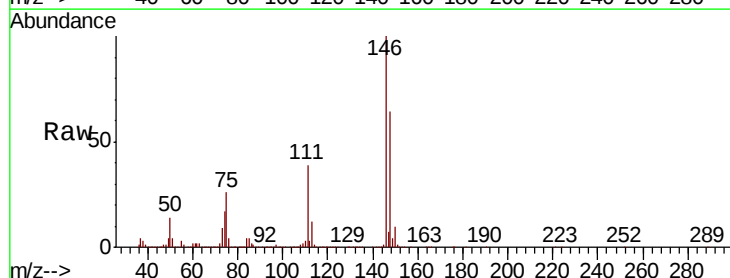
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MS

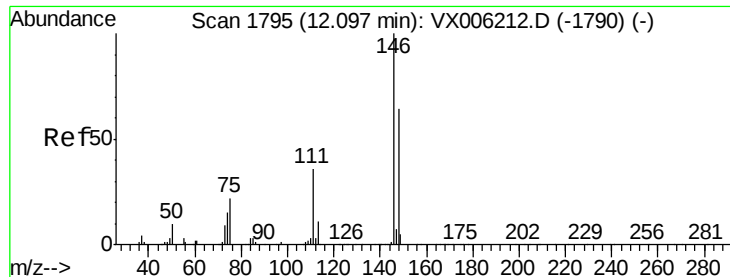
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.9	41.6
91	22.9	11.3	33.8



#87
 1,3-Dichlorobenzene
 Concen: 49.423 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.4	55.2
148	63.9	32.0	96.0

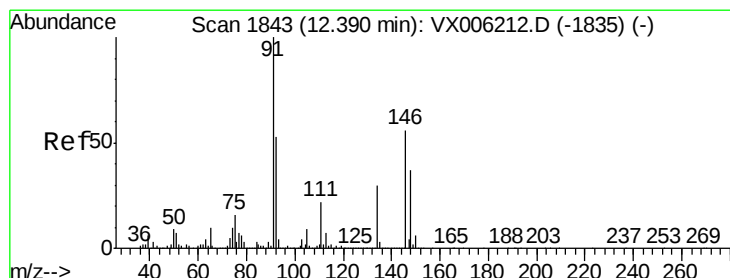
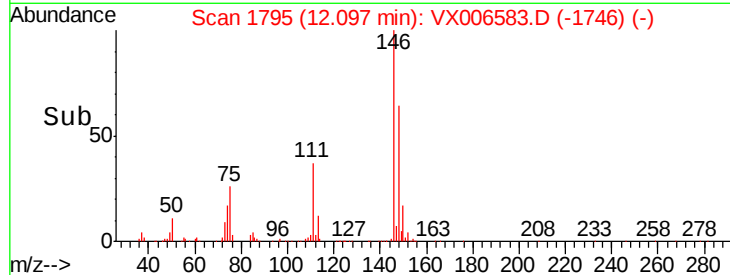
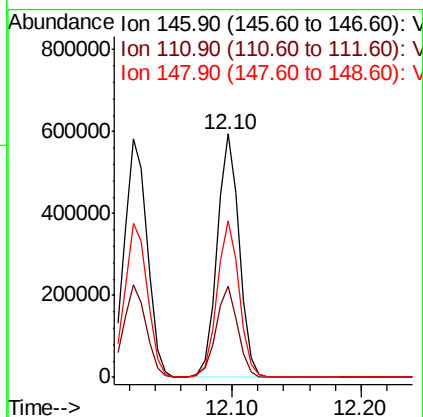
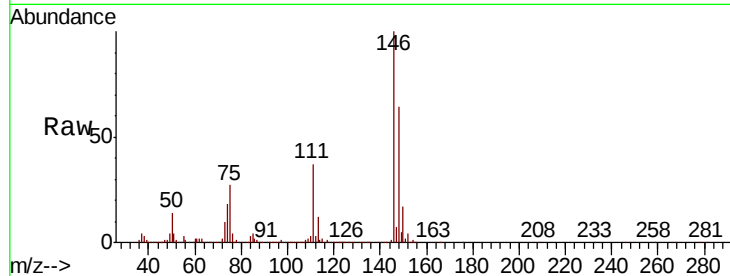




#88
 1,4-Dichlorobenzene
 Concen: 48.766 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

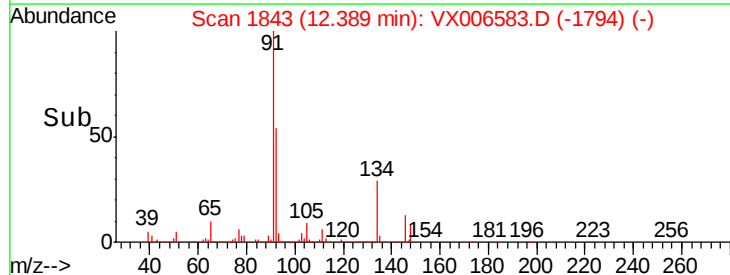
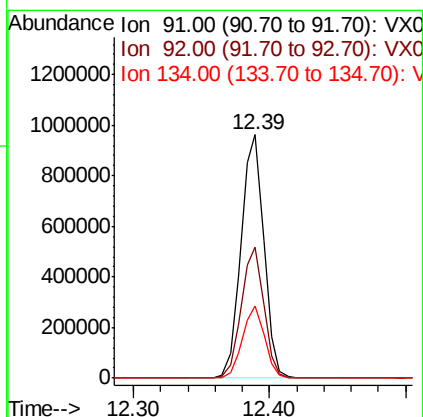
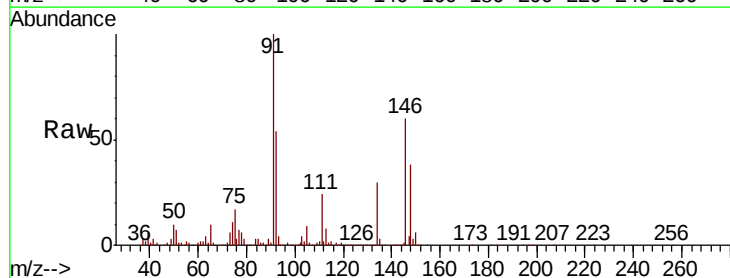
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210MS

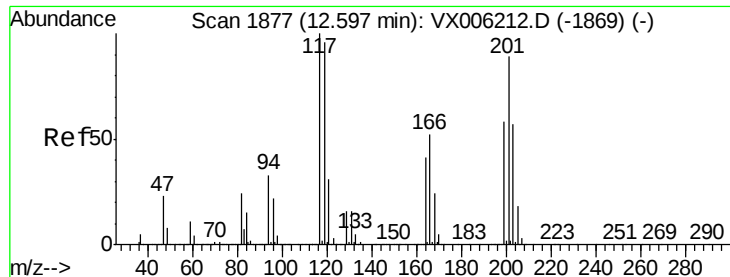
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	64.1	31.9	95.9



#89
 n-Butylbenzene
 Concen: 49.430 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.8
134	28.6	14.8	44.3

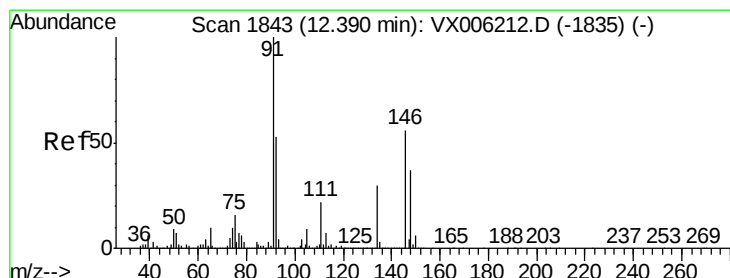
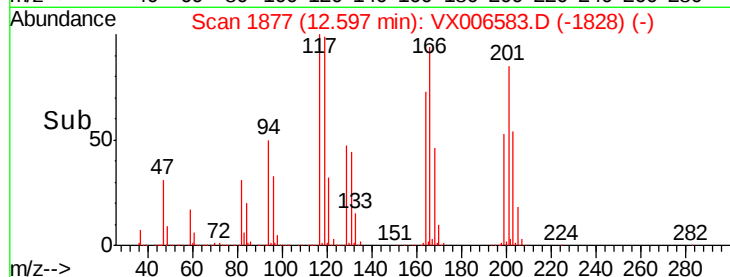
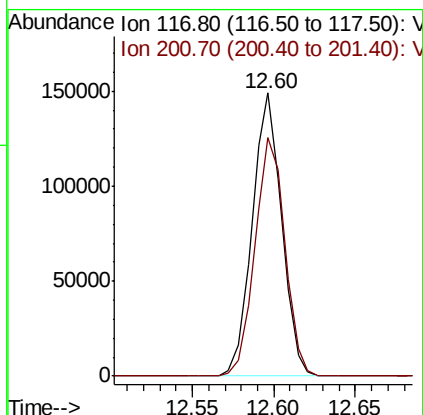
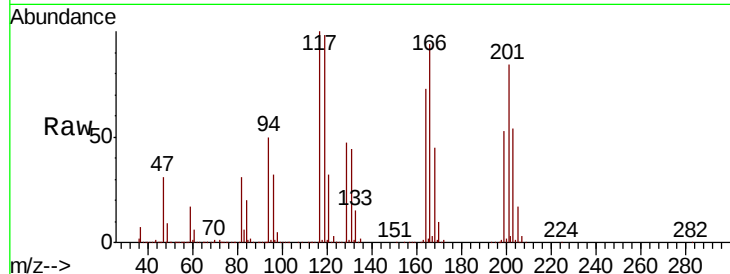




#90
Hexachloroethane
Concen: 34.507 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

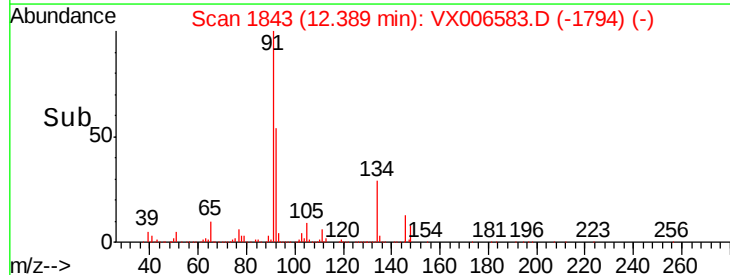
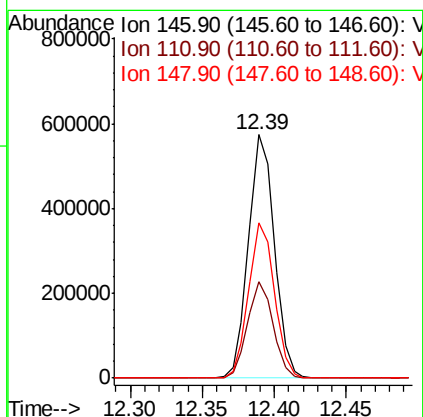
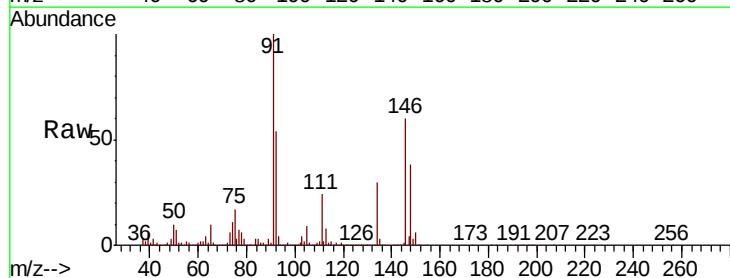
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210MS

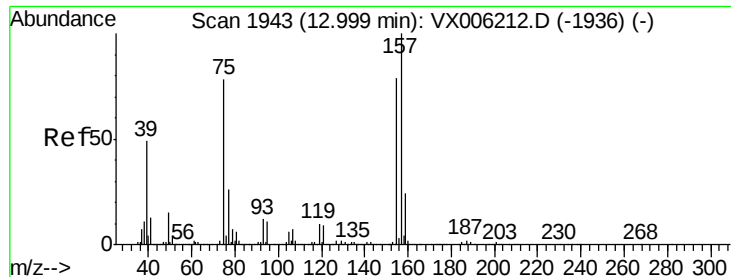
Tot Ion:117 Resp: 187441
Ion Ratio Lower Upper
117 100
201 85.6 44.7 134.1



#91
1,2-Dichlorobenzene
Concen: 49.533 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion:146 Resp: 711441
Ion Ratio Lower Upper
146 100
111 39.1 19.1 57.3
148 63.7 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 40.389 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MS

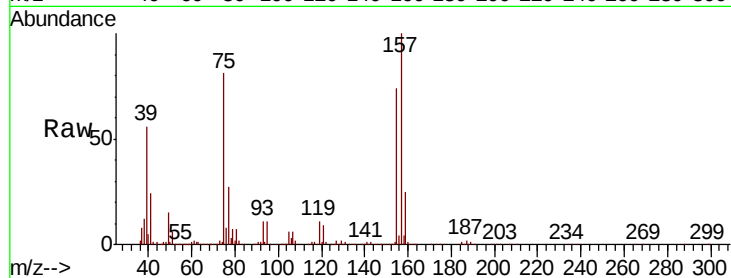
Tot Ion: 75 Resp: 97072

Ion Ratio Lower Upper

75 100

155 97.0 53.4 160.3

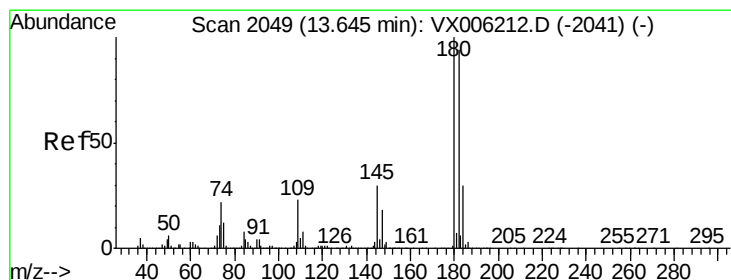
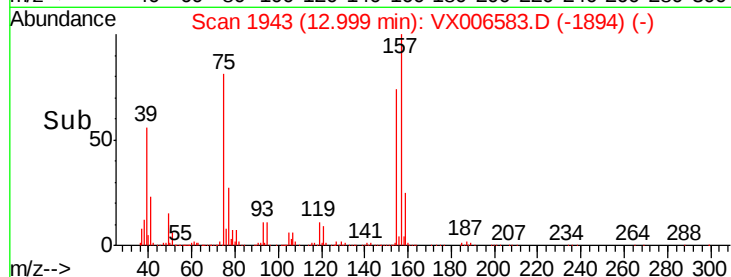
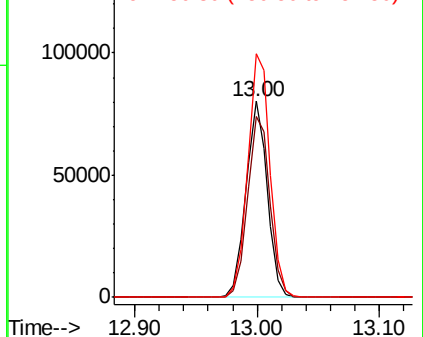
157 129.6 68.0 203.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 46.855 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

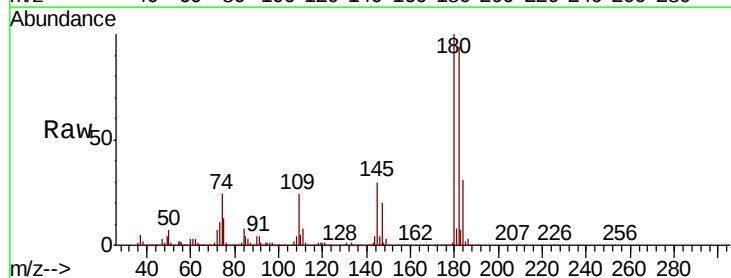
Tgt Ion:180 Resp: 490978

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

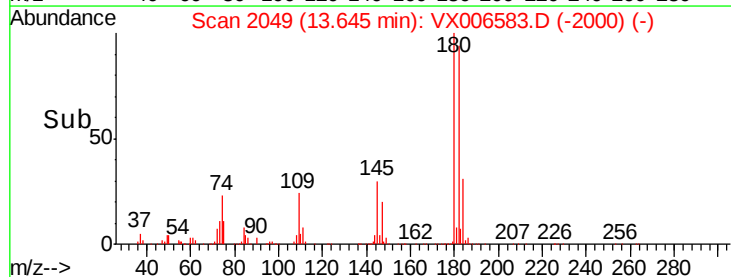
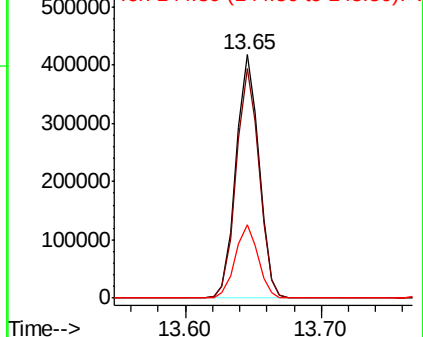
145 30.1 14.6 43.8

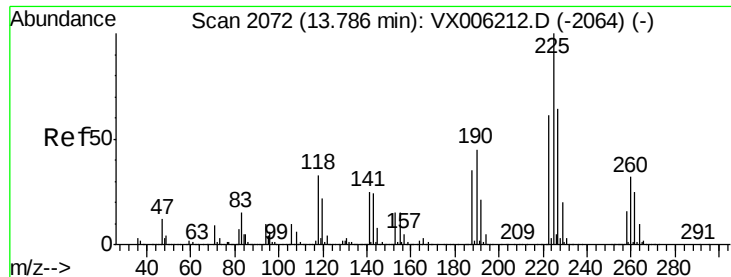


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 46.392 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MS

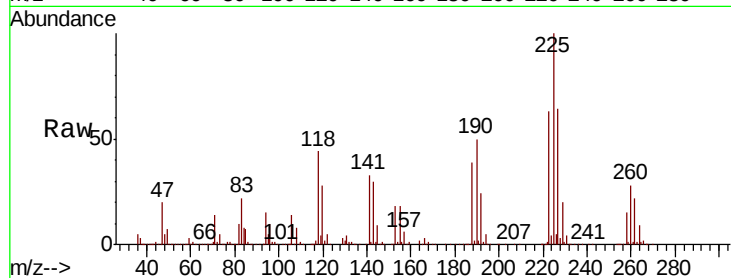
Tot Ion:225 Resp: 214983

Ion Ratio Lower Upper

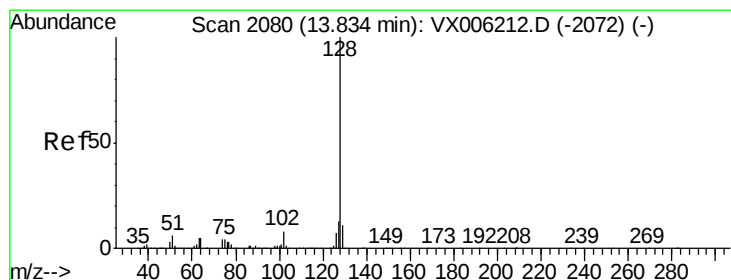
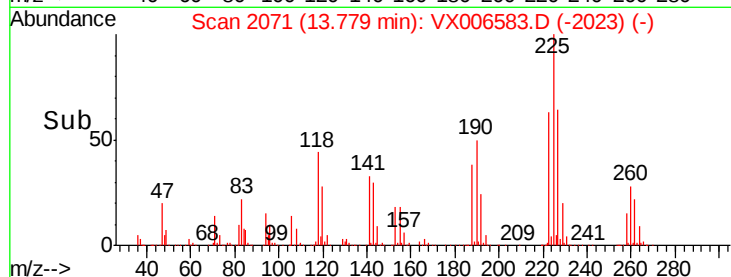
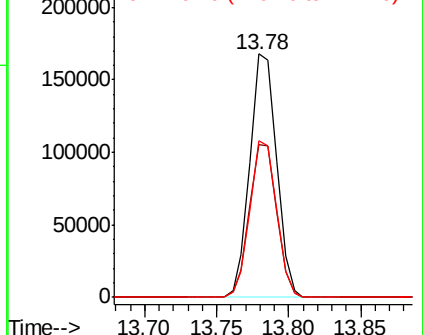
225 100

223 64.1 31.2 93.6

227 64.3 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 49.555 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

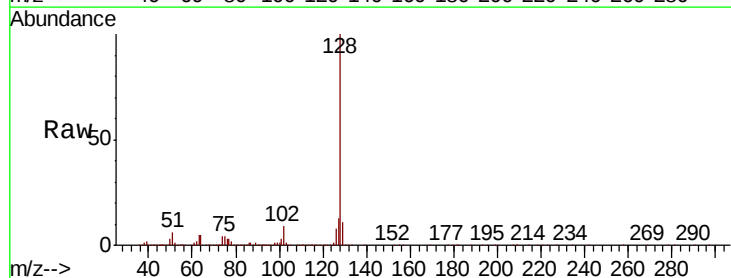
Tgt Ion:128 Resp: 1615246

Ion Ratio Lower Upper

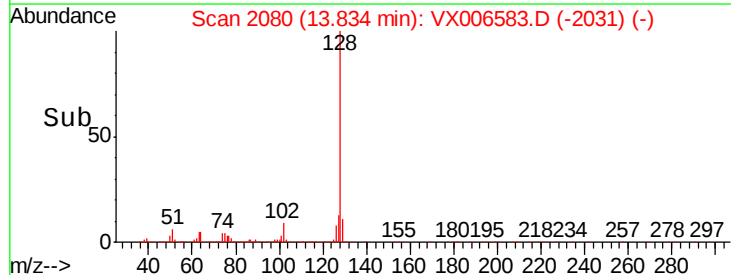
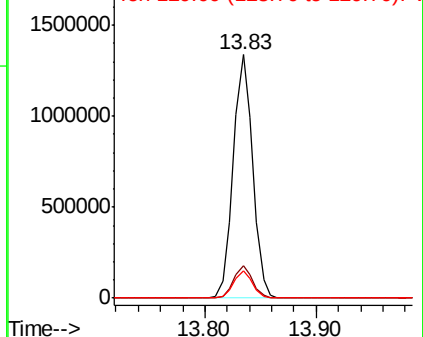
128 100

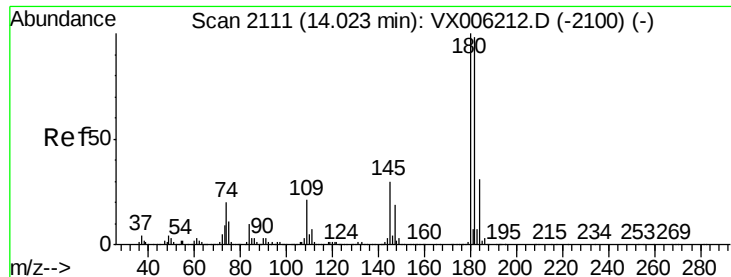
127 13.0 10.2 15.4

129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 48.034 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion:180 Resp: 498536

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.2

145 32.1 15.6 46.8

