

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006463.D
 Acq On : 13 Dec 2018 00:12
 Operator : JC/MD
 Sample : VX1212WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

Quant Time: Dec 13 06:56:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	536098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	843043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	767709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	402512	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	296381	54.16	ug/l	0.00
Spiked Amount			Recovery	=	108.32%	
35) Dibromofluoromethane	5.51	113	275642	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
50) Toluene-d8	8.71	98	987131	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	382381	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	109326	20.827	ug/l	97
3) Chloromethane	1.33	50	116931	21.677	ug/l	98
4) Vinyl Chloride	1.41	62	132102	22.754	ug/l	99
5) Bromomethane	1.64	94	119010	29.579	ug/l	99
6) Chloroethane	1.72	64	80840	22.710	ug/l	96
7) Trichlorofluoromethane	1.93	101	196125	22.008	ug/l	97
8) Diethyl Ether	2.19	74	77629	23.017	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	112241	22.150	ug/l	98
10) Methyl Iodide	2.51	142	171419	22.447	ug/l	97
11) Tert butyl alcohol	3.07	59	158746	106.067	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107547	22.170	ug/l	93
13) Acrolein	2.29	56	91905	112.351	ug/l	99
14) Allyl chloride	2.73	41	182450	19.040	ug/l	98
15) Acrylonitrile	3.15	53	334902	107.232	ug/l	99
16) Acetone	2.45	43	270962	105.502	ug/l	96
17) Carbon Disulfide	2.57	76	277562	18.569	ug/l	99
18) Methyl Acetate	2.78	43	180469	21.012	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	373499	21.583	ug/l	99
20) Methylene Chloride	2.86	84	121784	22.280	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	114541	22.157	ug/l	90
22) Diisopropyl ether	3.87	45	332564	22.219	ug/l	97
23) Vinyl Acetate	3.82	43	1355609	106.189	ug/l	100
24) 1,1-Dichloroethane	3.70	63	194929	22.785	ug/l	99
25) 2-Butanone	4.70	43	402822	109.923	ug/l	100
26) 2,2-Dichloropropane	4.59	77	129346	16.383	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	131285	22.768	ug/l	97
28) Bromochloromethane	5.02	49	76805	20.554	ug/l	100
29) Tetrahydrofuran	5.15	42	272732	107.084	ug/l	96
30) Chloroform	5.21	83	204064	22.698	ug/l	94
31) Cyclohexane	5.57	56	173297	21.919	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	180223	21.069	ug/l	99
36) 1,1-Dichloropropene	5.80	75	150969	21.265	ug/l	99
37) Ethyl Acetate	4.85	43	158979	19.997	ug/l	97
38) Carbon Tetrachloride	5.79	117	154021	18.442	ug/l	93

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 Sample : VX1212WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

Quant Time: Dec 13 06:56:02 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)
39) Methylcyclohexane	7.46	83	192882	20.931	ug/l	96
40) Benzene	6.15	78	465454	21.890	ug/l	99
41) Methacrylonitrile	5.06	41	85856	19.626	ug/l	97
42) 1,2-Dichloroethane	6.20	62	154938	22.264	ug/l	99
43) Isopropyl Acetate	6.46	43	249751	18.841	ug/l	99
44) Trichloroethene	7.21	130	135123	20.977	ug/l	94
45) 1,2-Dichloropropane	7.51	63	113026	20.915	ug/l	96
46) Dibromomethane	7.66	93	81794	20.957	ug/l	95
47) Bromodichloromethane	7.90	83	142296	18.827	ug/l	100
48) Methyl methacrylate	7.77	41	127988	19.847	ug/l	97
49) 1,4-Dioxane	7.75	88	68872	433.334	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	801093	103.815	ug/l	97
52) Toluene	8.79	92	306846	21.935	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	151989	17.195	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	169202	18.435	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	125404	22.066	ug/l	97
56) Ethyl methacrylate	9.18	69	182986	20.596	ug/l	97
57) 1,3-Dichloropropane	9.37	76	196984	21.920	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	419414	93.029	ug/l	99
59) 2-Hexanone	9.49	43	610495	103.553	ug/l	98
60) Dibromochloromethane	9.59	129	120903	17.253	ug/l	98
61) 1,2-Dibromoethane	9.67	107	135146	21.268	ug/l	99
64) Tetrachloroethene	9.34	164	123610	21.380	ug/l	95
65) Chlorobenzene	10.14	112	354210	21.735	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	119134	18.815	ug/l	98
67) Ethyl Benzene	10.25	91	577605	21.310	ug/l	98
68) m/p-Xylenes	10.36	106	470496	43.334	ug/l	98
69) o-Xylene	10.70	106	232380	21.668	ug/l	100
70) Styrene	10.71	104	369020	21.275	ug/l	99
71) Bromoform	10.86	173	90852	15.200	ug/l	97
73) Isopropylbenzene	11.02	105	607482	21.854	ug/l	100
74) N-amyl acetate	10.90	43	230702	19.273	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	189933	21.358	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	207745	26.740	ug/l	85
77) Bromobenzene	11.26	156	162793	21.103	ug/l	97
78) n-propylbenzene	11.36	91	658223	21.302	ug/l	100
79) 2-Chlorotoluene	11.42	91	402640	21.924	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	496056	21.448	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	45547	13.758	ug/l #	84
82) 4-Chlorotoluene	11.51	91	454225	21.273	ug/l	99
83) tert-Butylbenzene	11.77	119	514872	20.865	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	512265	21.450	ug/l	99
85) sec-Butylbenzene	11.94	105	601850	21.439	ug/l	100
86) p-Isopropyltoluene	12.06	119	535626	21.189	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	292578	21.315	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	294321	21.126	ug/l	99
89) n-Butylbenzene	12.39	91	437785	20.297	ug/l	98
90) Hexachloroethane	12.60	117	83361	16.180	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	294872	21.645	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39386	17.278	ug/l	93

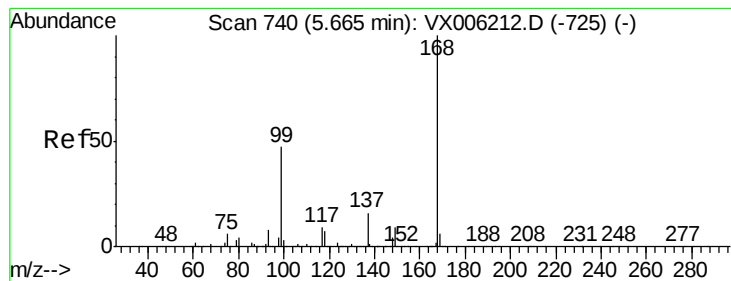
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
Data File : VX006463.D
Acq On : 13 Dec 2018 00:12
Operator : JC/MD
Sample : VX1212WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

Quant Time: Dec 13 06:56:02 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)
93) 1,2,4-Trichlorobenzene	13.65	180	198978	20.021	ug/l	98
94) Hexachlorobutadiene	13.78	225	87106	19.818	ug/l	100
95) Naphthalene	13.83	128	651273	21.066	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	201535	20.473	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

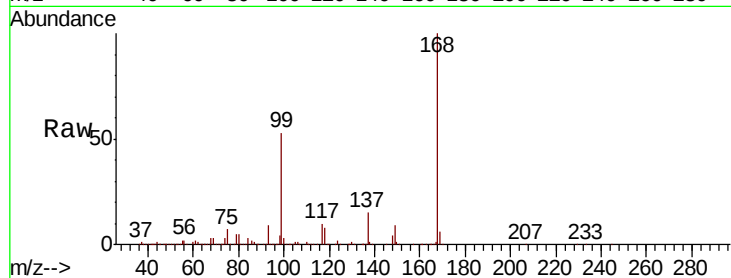
VX1212WBS02

Tot Ion:168 Resp: 536098

Ion Ratio Lower Upper

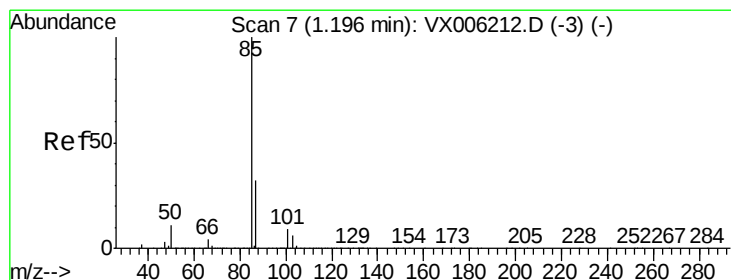
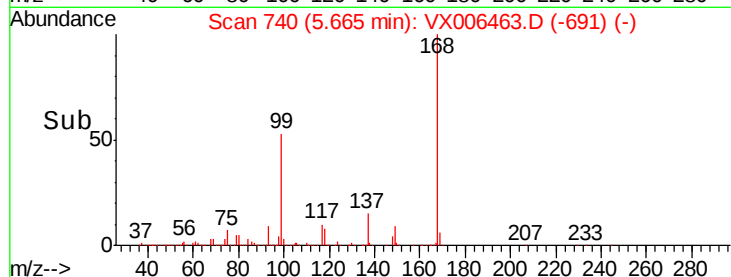
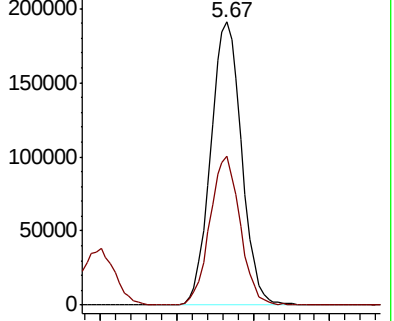
168 100

99 52.4 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: 20.827 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006463.D

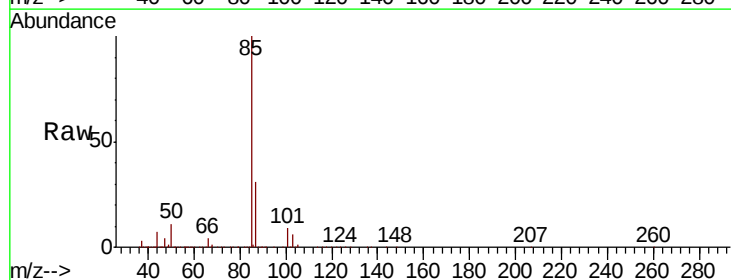
Acq: 13 Dec 2018 00:12

Tgt Ion: 85 Resp: 109326

Ion Ratio Lower Upper

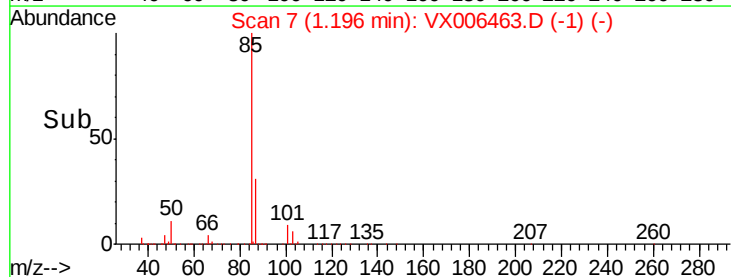
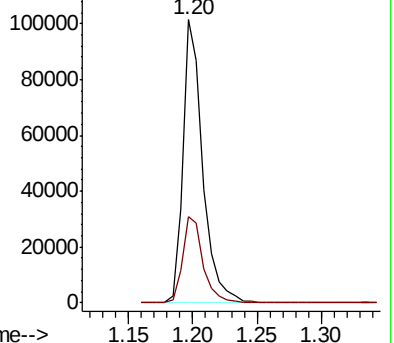
85 100

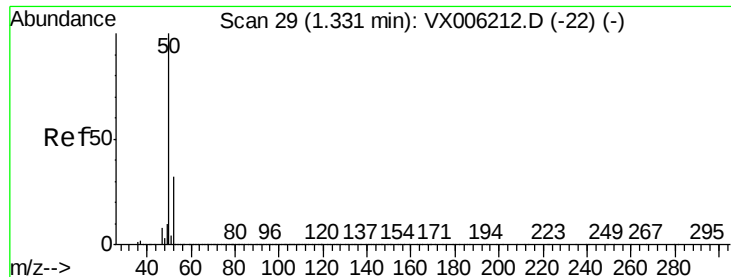
87 30.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

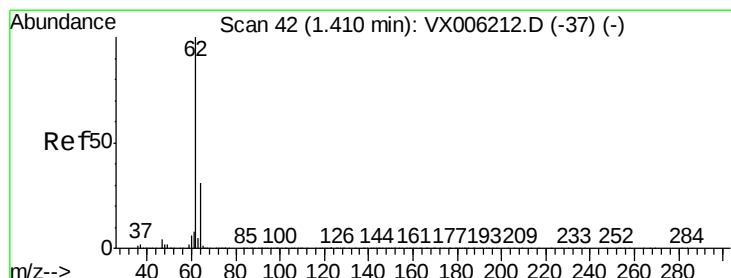
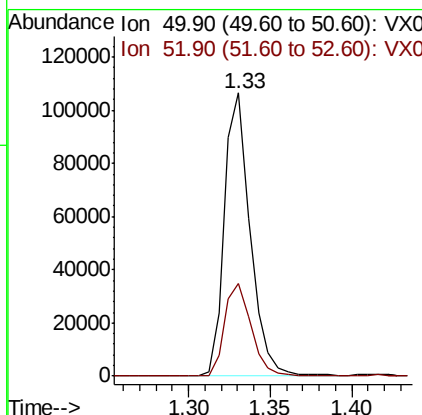
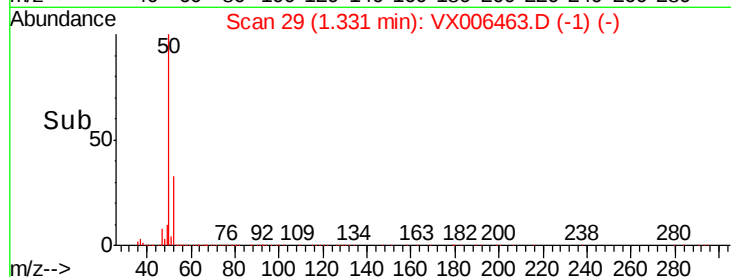
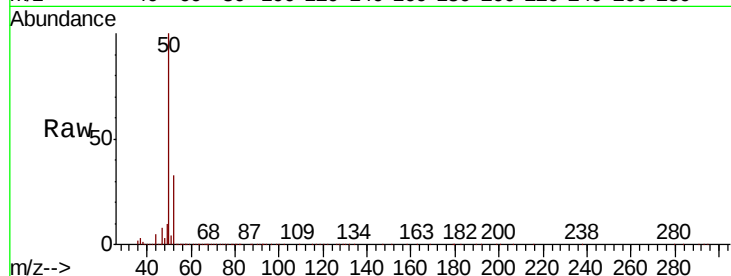




#3
Chloromethane
Concen: 21.677 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

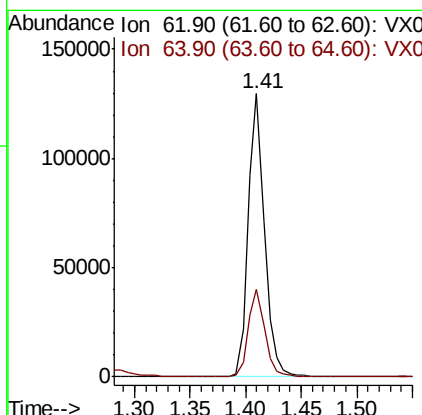
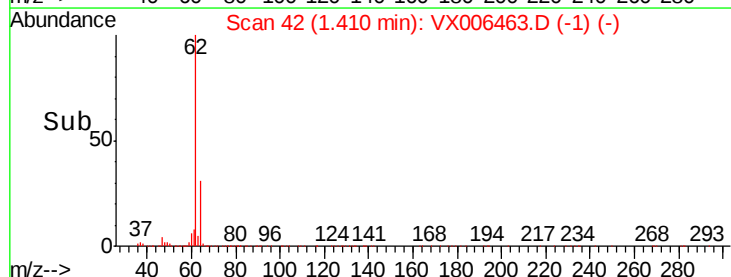
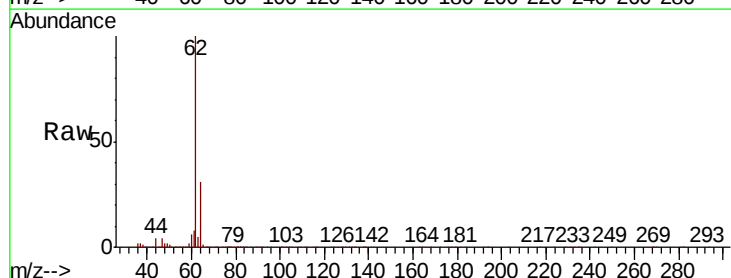
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

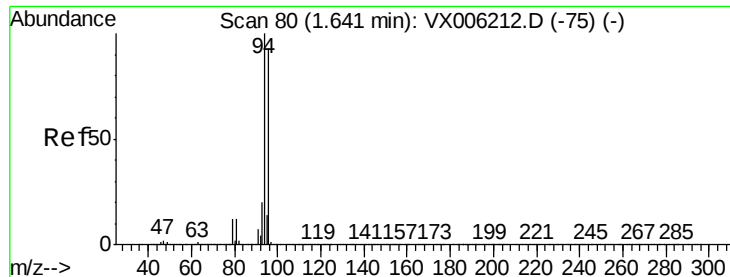
Tot Ion: 50 Resp: 116931
Ion Ratio Lower Upper
50 100
52 32.7 25.2 37.8



#4
Vinyl Chloride
Concen: 22.754 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

Tgt Ion: 62 Resp: 132102
Ion Ratio Lower Upper
62 100
64 30.6 24.9 37.3





#5

Bromomethane

Concen: 29.579 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

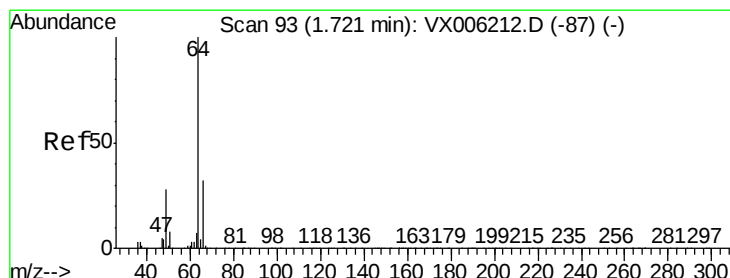
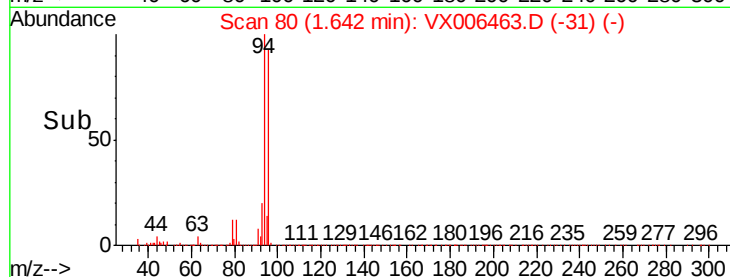
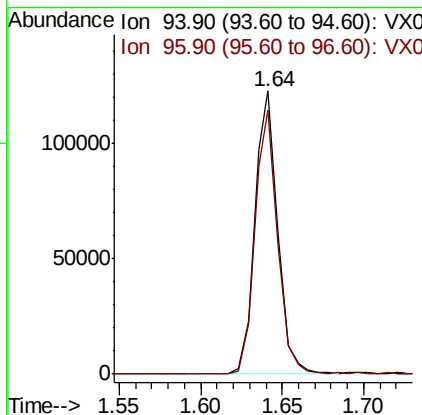
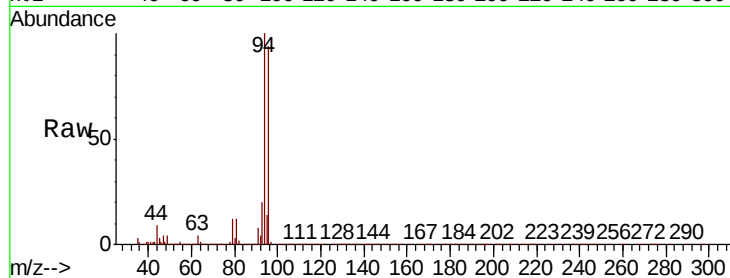
VX1212WBS02

Tot Ion: 94 Resp: 119010

Ion Ratio Lower Upper

94 100

96 93.6 74.5 111.7



#6

Chloroethane

Concen: 22.710 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006463.D

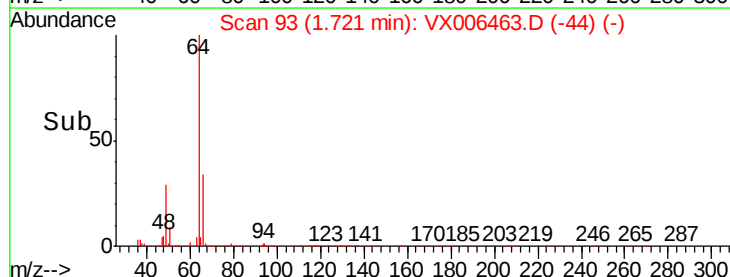
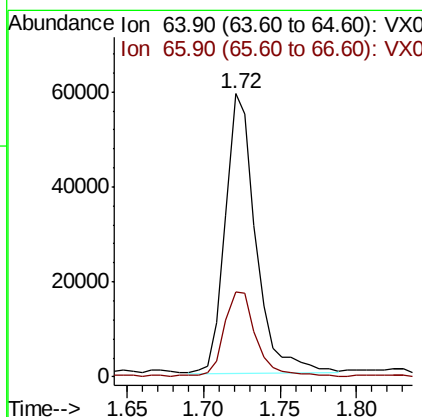
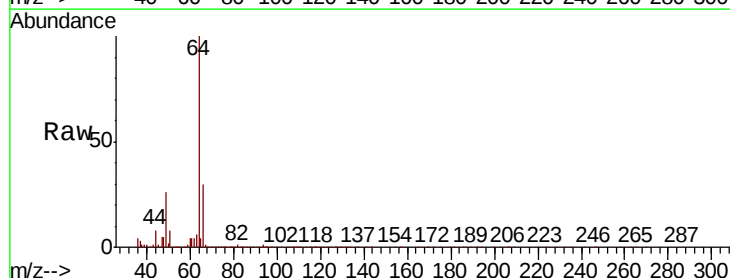
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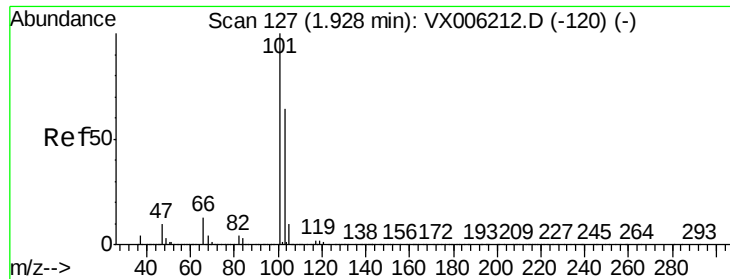
Tgt Ion: 64 Resp: 80840

Ion Ratio Lower Upper

64 100

66 30.0 25.9 38.9



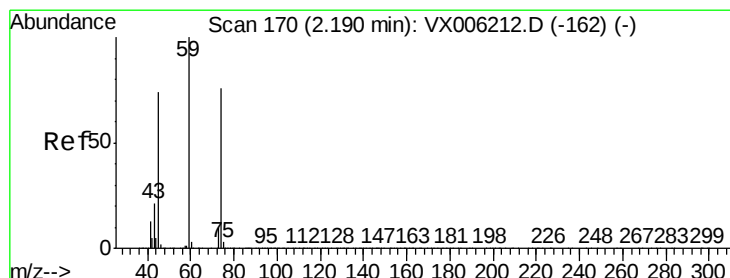
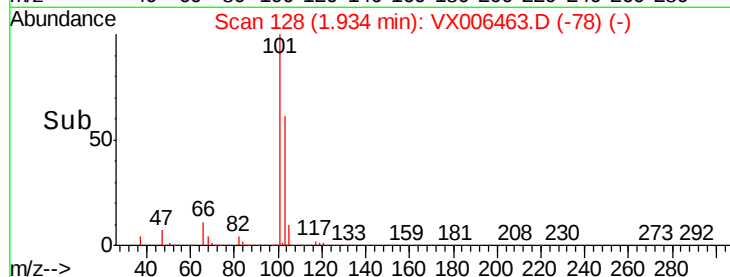
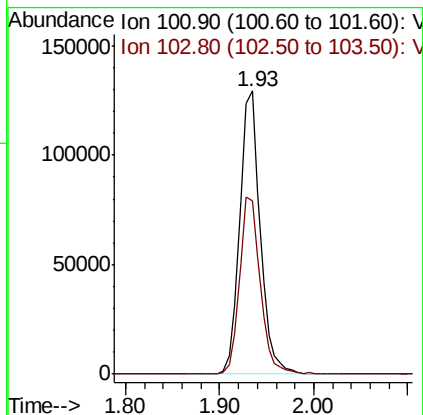
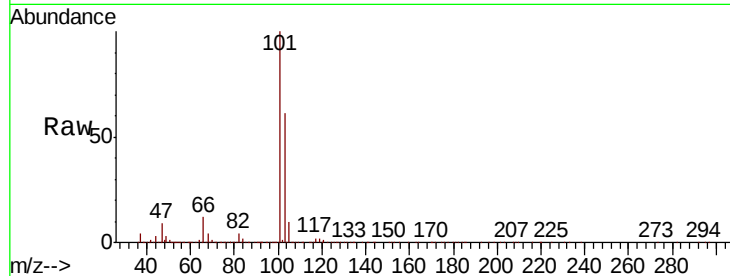


#7

Trichlorofluoromethane
 Concen: 22.008 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

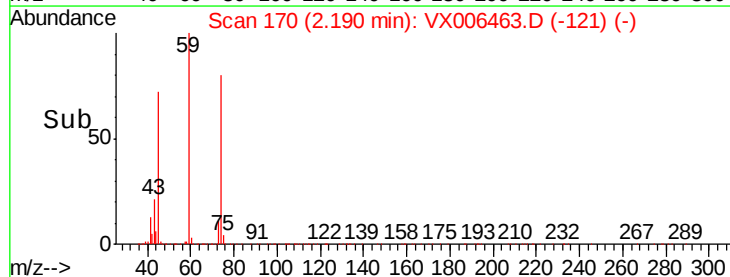
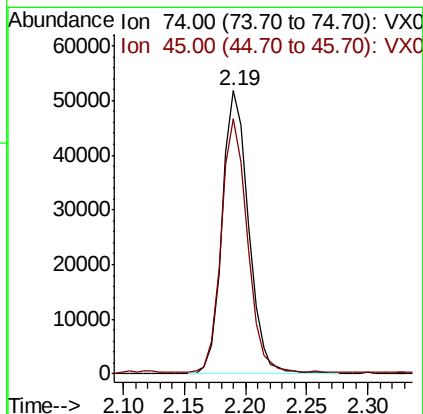
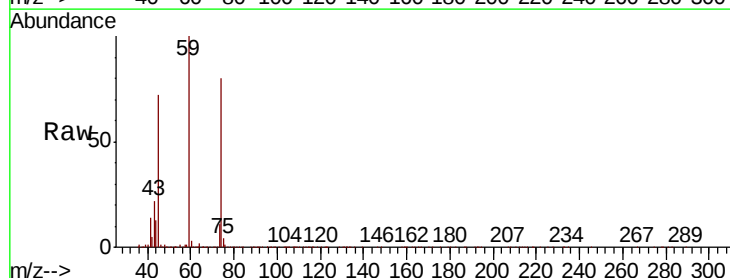
Tot Ion:101 Resp: 196125
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.0 76.4

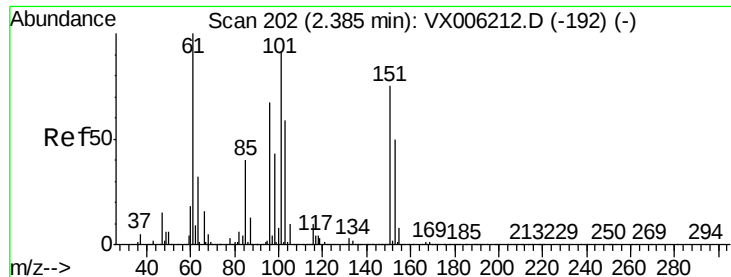


#8

Diethyl Ether
 Concen: 23.017 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

Tgt Ion: 74 Resp: 77629
 Ion Ratio Lower Upper
 74 100
 45 88.0 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.150 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

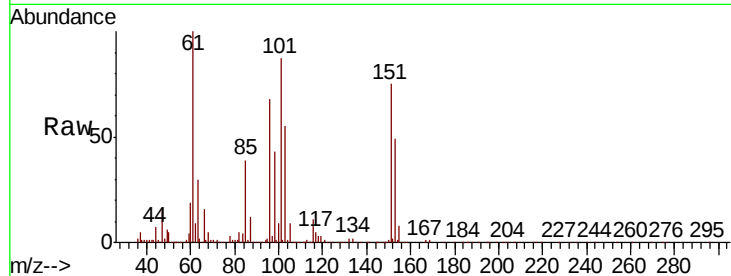
Tot Ion:101 Resp: 112241

Ion Ratio Lower Upper

101 100

85 43.3 35.5 53.3

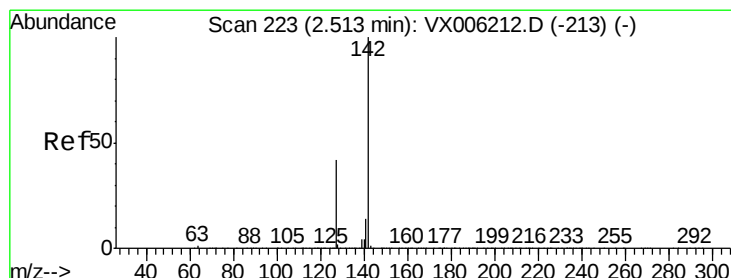
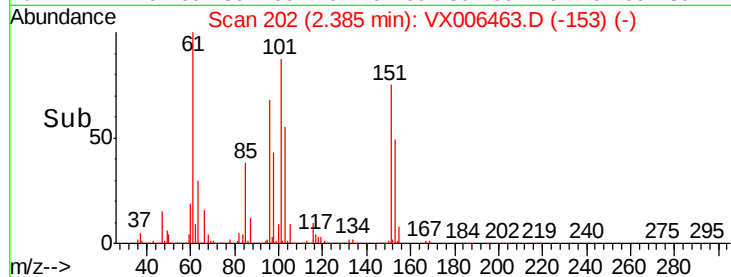
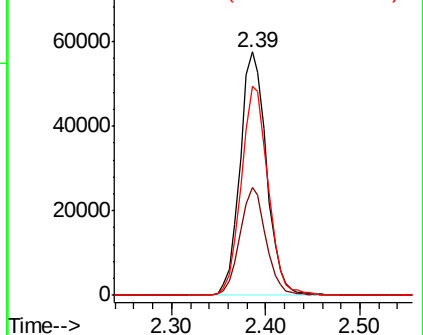
151 87.2 68.6 103.0



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: 22.447 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

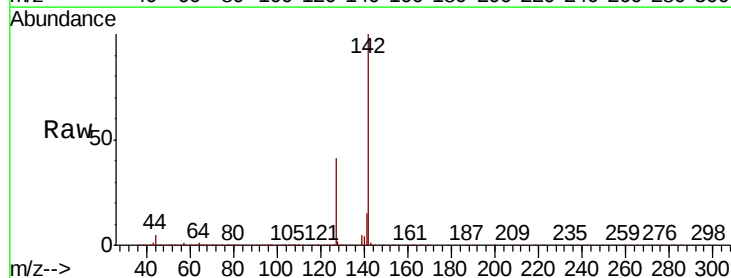
Tgt Ion:142 Resp: 171419

Ion Ratio Lower Upper

142 100

127 41.3 34.8 52.2

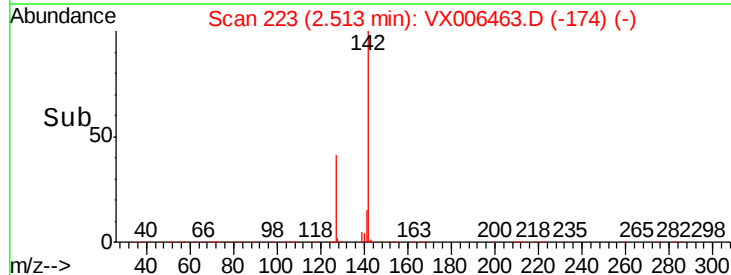
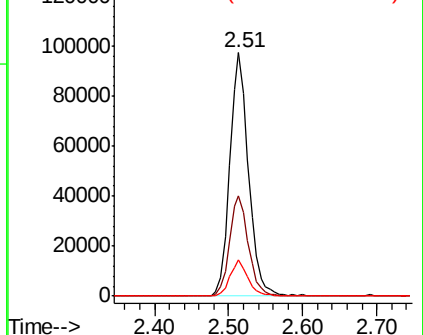
141 14.1 11.4 17.2

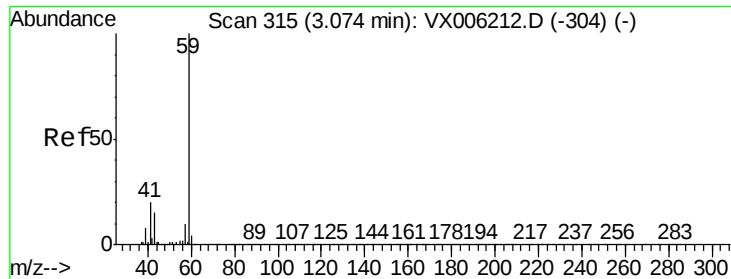


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

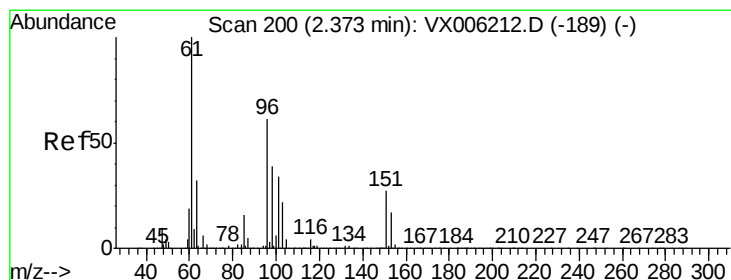
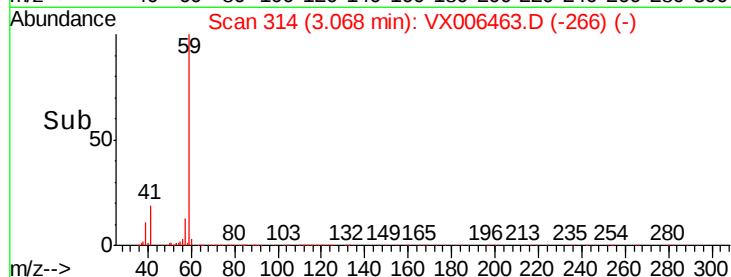
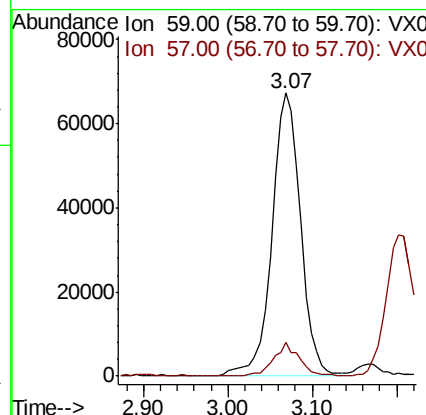
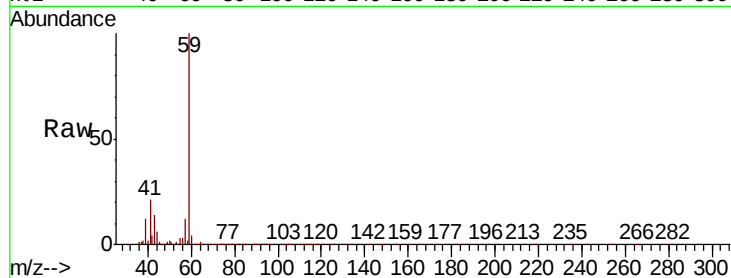




#11
Tert butyl alcohol
Concen: 106.067 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

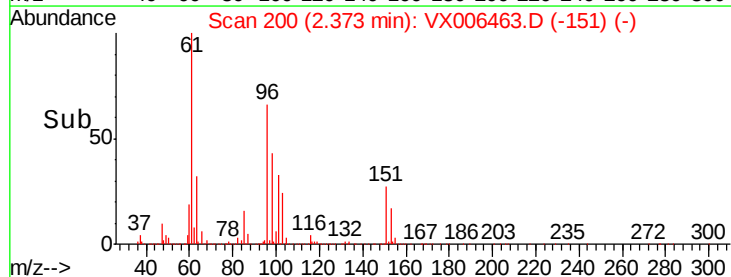
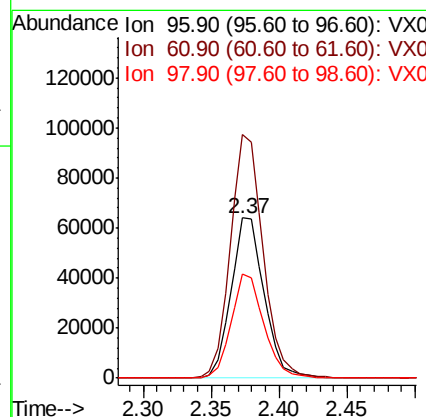
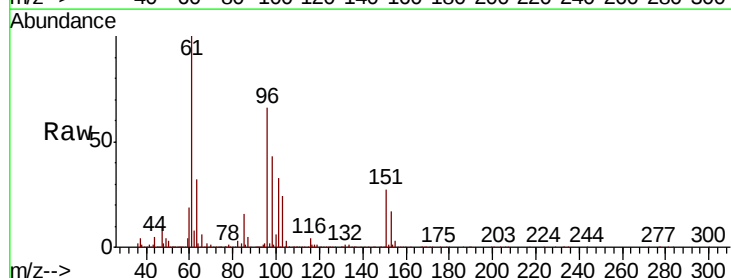
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

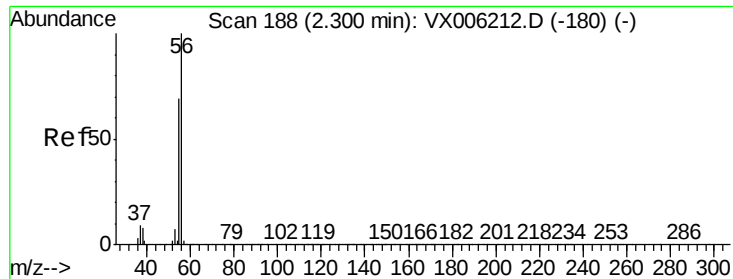
Tot Ion: 59 Resp: 158746
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 22.170 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

Tgt Ion: 96 Resp: 107547
Ion Ratio Lower Upper
96 100
61 151.8 131.7 197.5
98 65.3 51.8 77.6





#13

Acrolein

Concen: 112.351 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

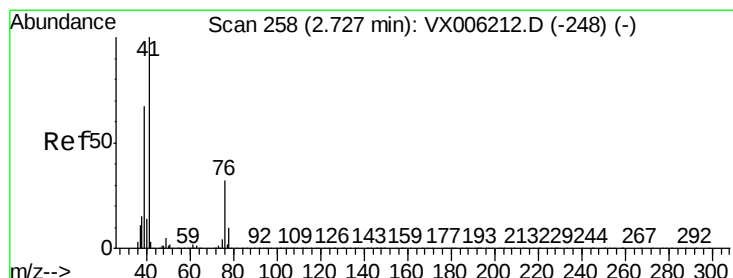
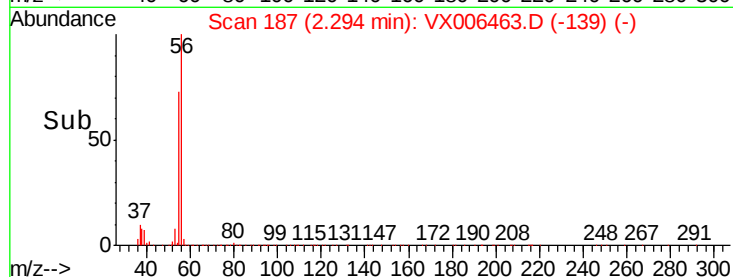
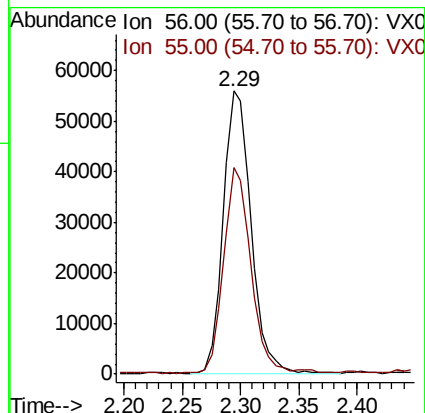
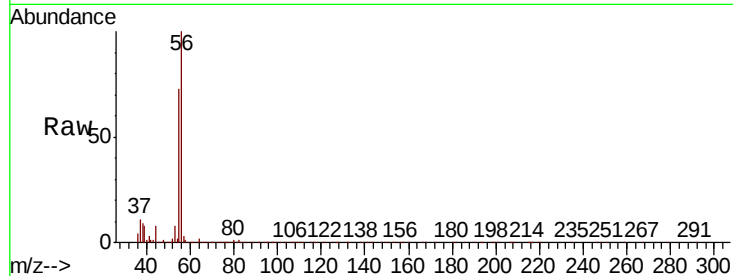
VX1212WBS02

Tot Ion: 56 Resp: 91905

Ion Ratio Lower Upper

56 100

55 71.7 57.8 86.6



#14

Allyl chloride

Concen: 19.040 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

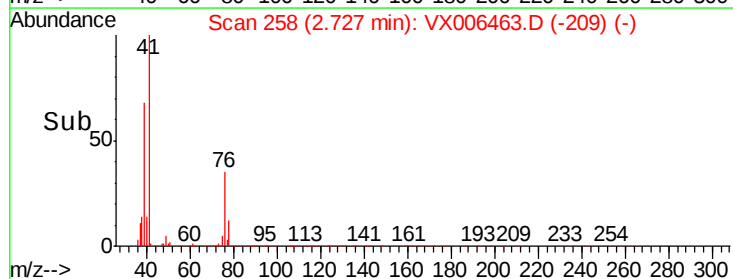
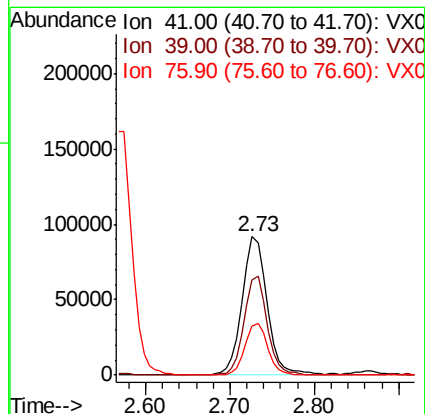
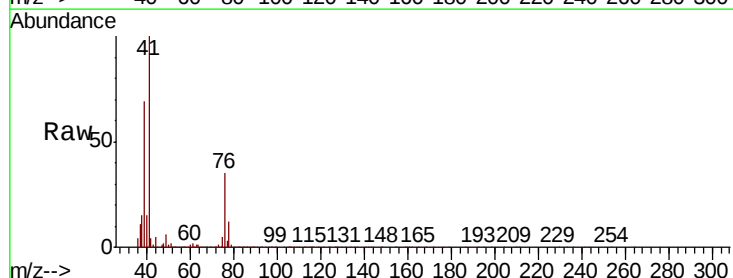
Tgt Ion: 41 Resp: 182450

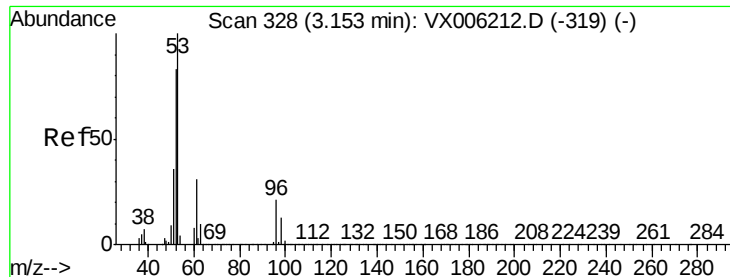
Ion Ratio Lower Upper

41 100

39 64.9 52.4 78.6

76 33.7 25.4 38.0

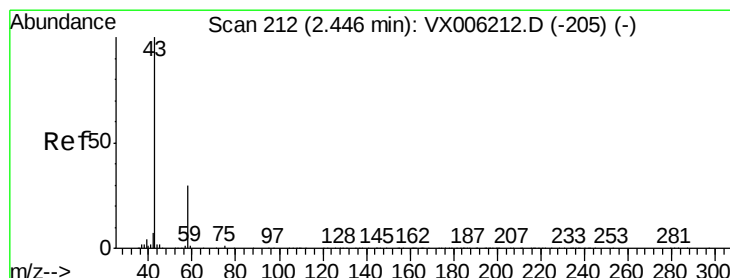
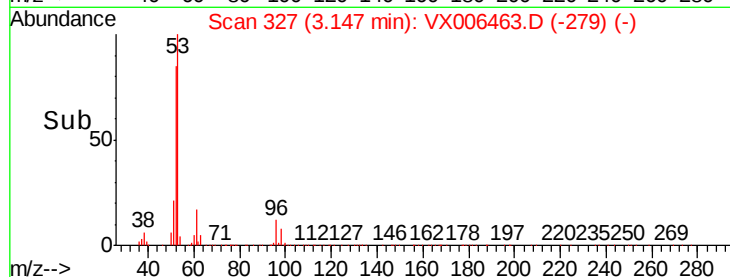
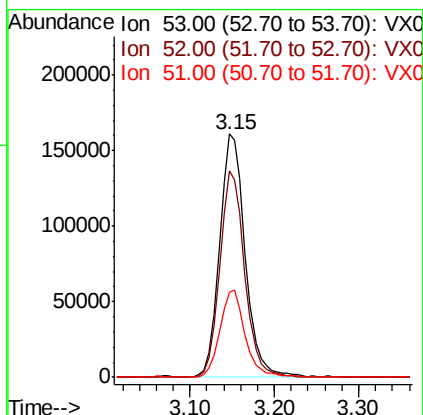
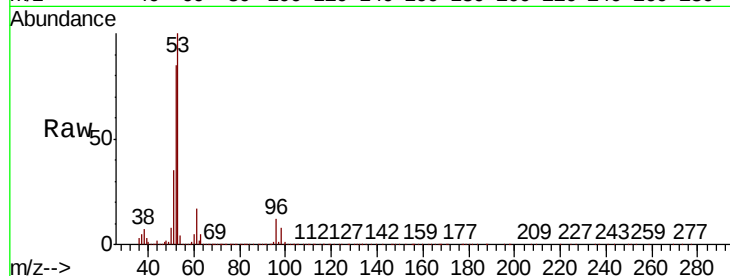




#15
 Acrylonitrile
 Concen: 107.232 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

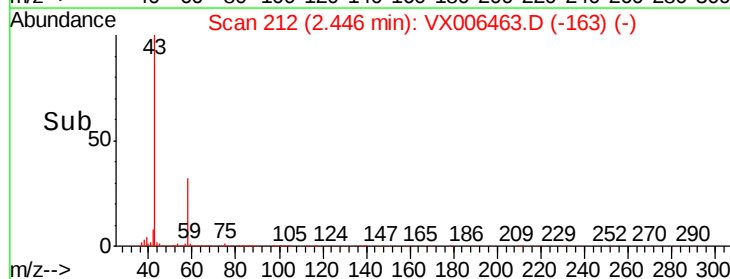
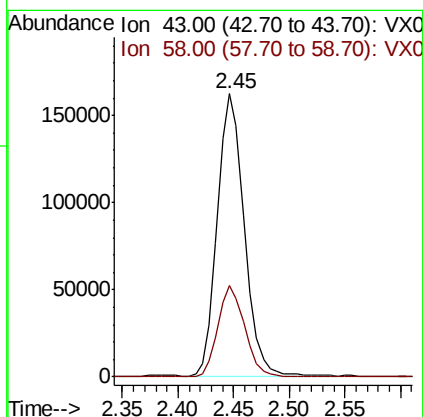
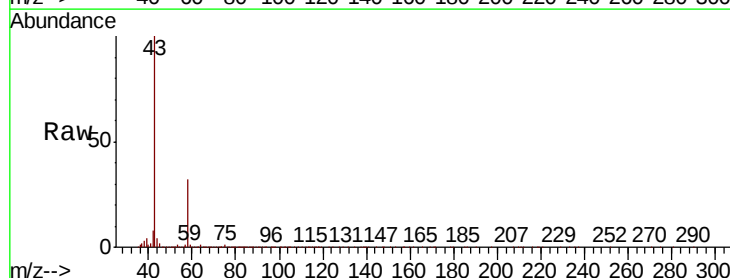
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

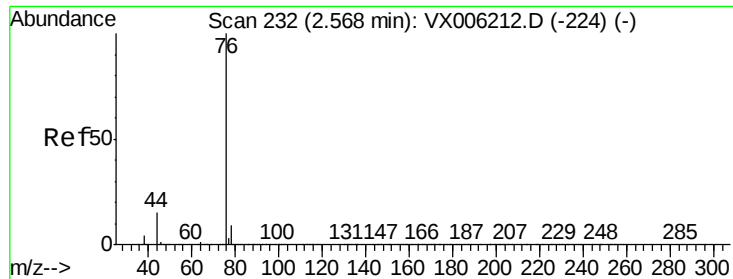
Tot Ion	53	Resp	334902
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.2	99.4
51	35.3	28.7	43.1



#16
 Acetone
 Concen: 105.502 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

Tgt Ion	43	Resp	270962
Ion Ratio	Lower	Upper	
43	100		
58	32.1	24.0	36.0

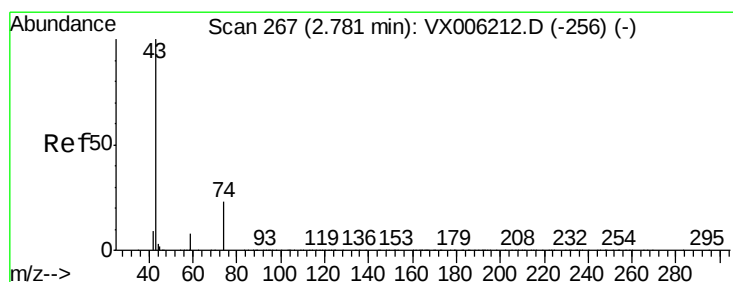
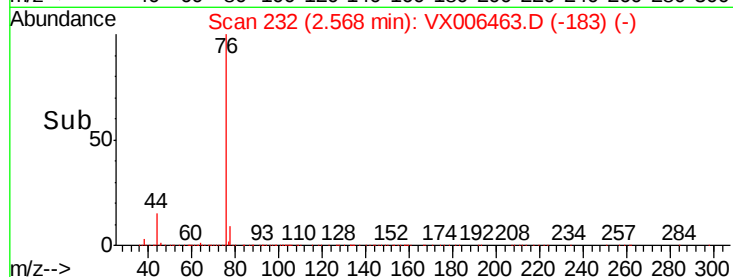
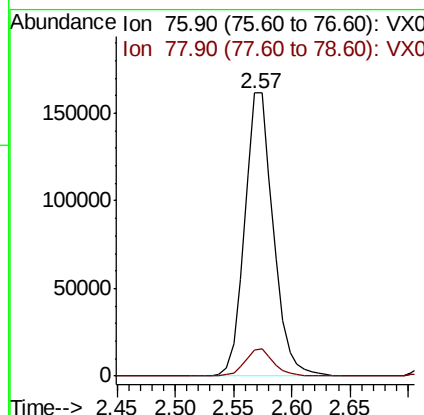
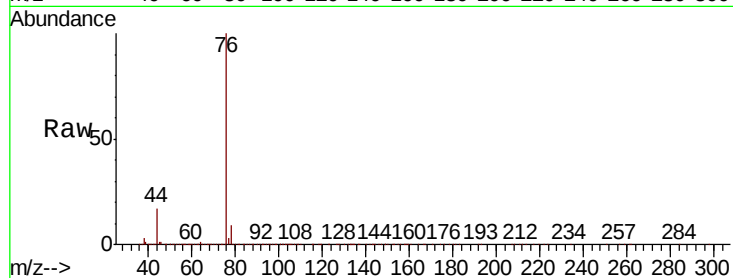




#17
Carbon Disulfide
Concen: 18.569 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

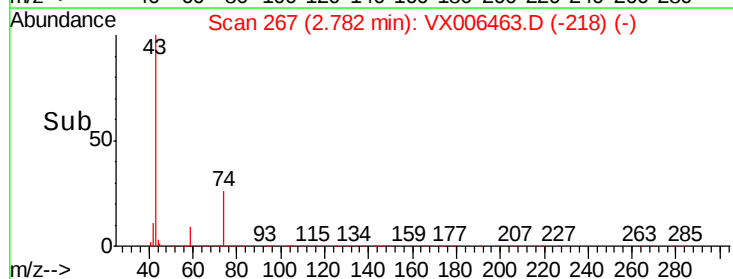
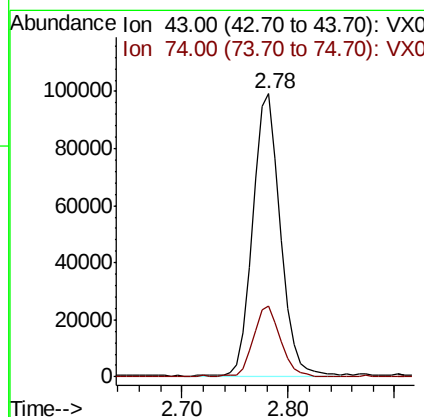
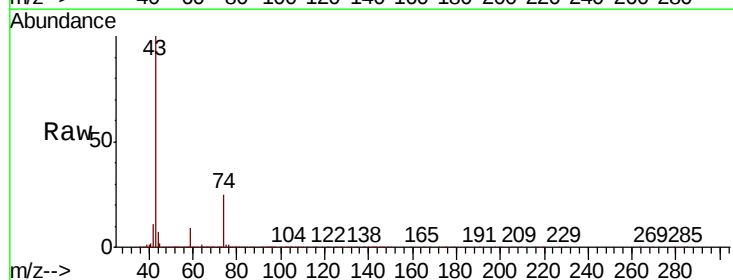
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

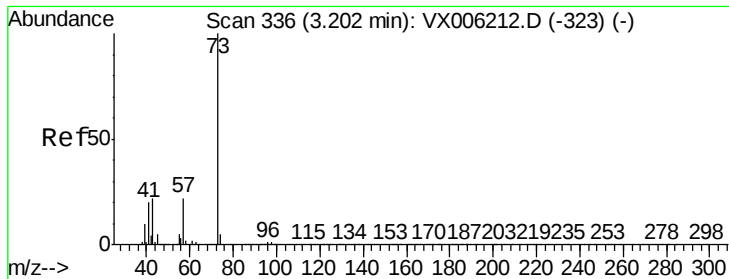
Tot Ion: 76 Resp: 277562
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 21.012 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

Tgt Ion: 43 Resp: 180469
Ion Ratio Lower Upper
43 100
74 25.0 17.9 26.9



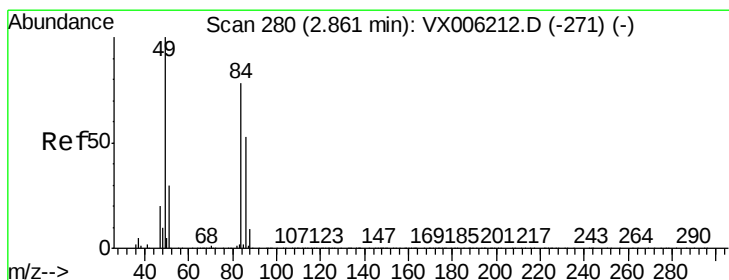
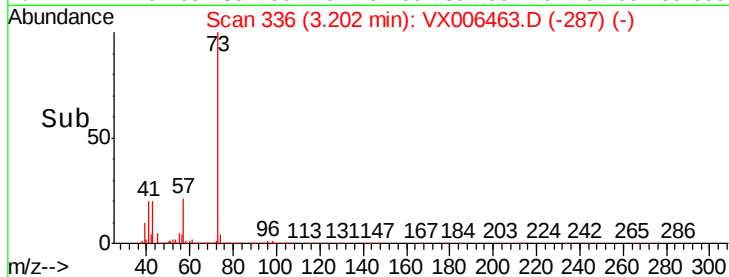
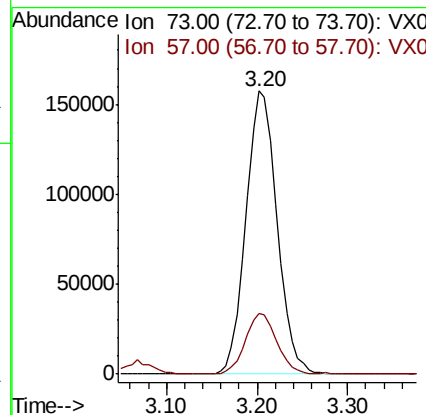
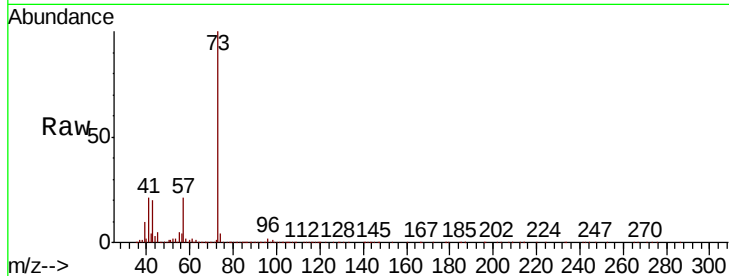


#19

Methyl tert-butyl Ether
 Concen: 21.583 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

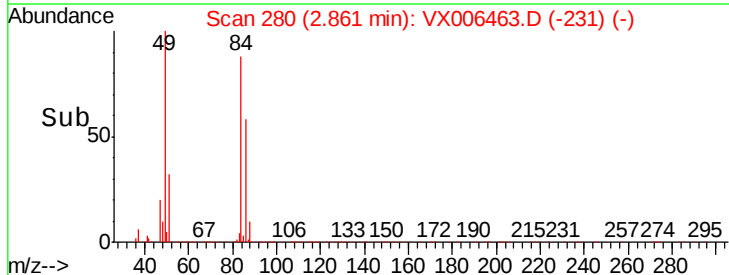
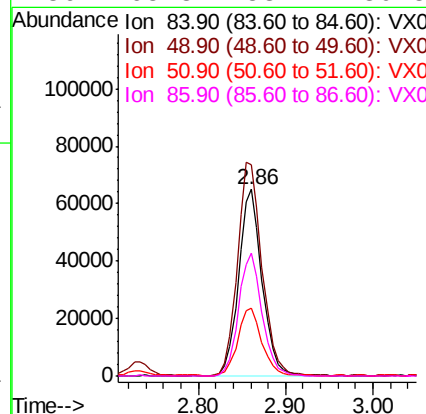
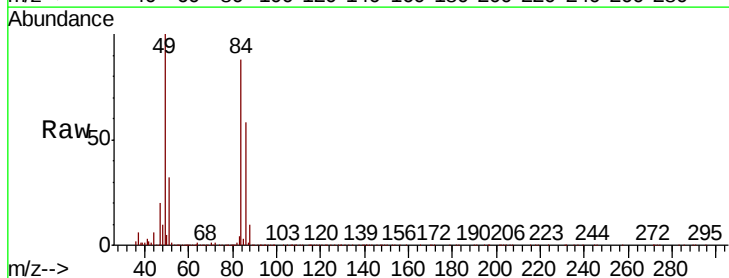
Tot Ion: 73 Resp: 373499
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.5 26.3

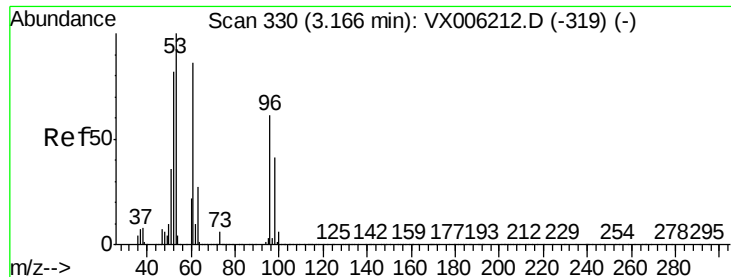


#20

Methylene Chloride
 Concen: 22.280 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

Tgt Ion: 84 Resp: 121784
 Ion Ratio Lower Upper
 84 100
 49 112.8 102.2 153.4
 51 36.0 31.1 46.7
 86 65.8 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 22.157 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampled :

VX1212WBS02

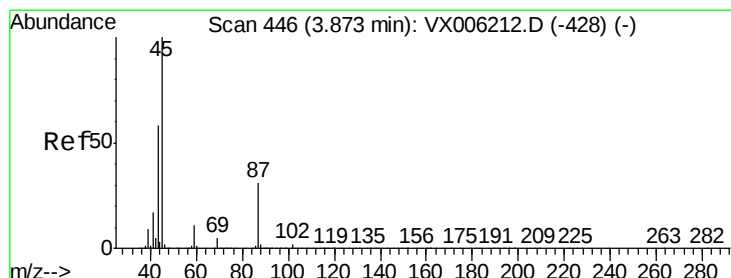
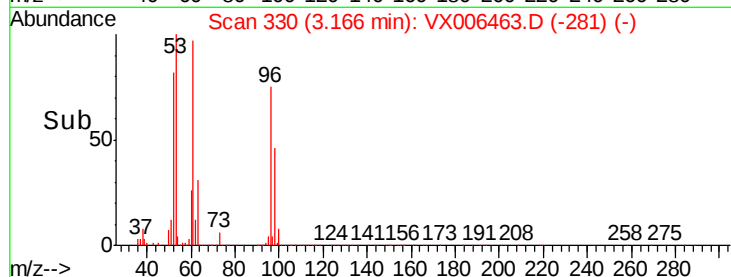
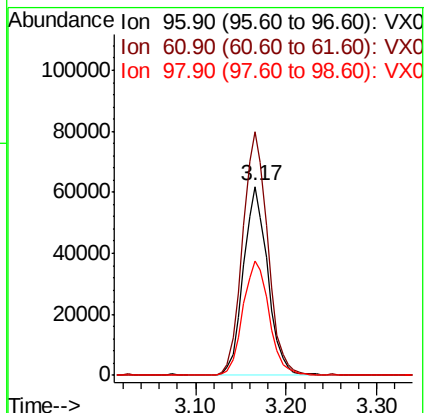
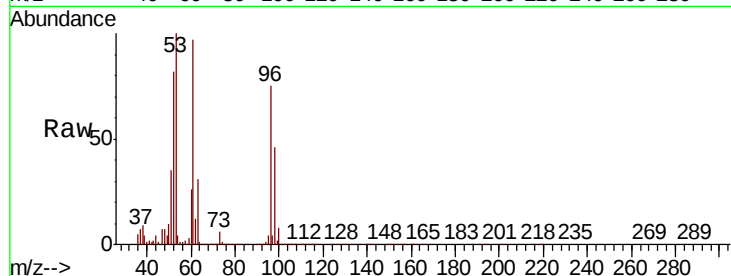
Tot Ion: 96 Resp: 114541

Ion Ratio Lower Upper

96 100

61 128.8 113.3 169.9

98 60.4 53.2 79.8



#22

Diisopropyl ether

Concen: 22.219 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Tgt Ion: 45 Resp: 332564

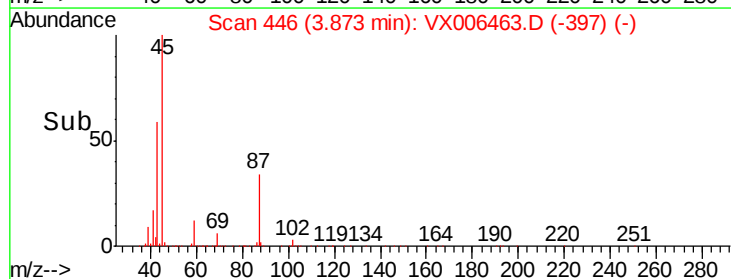
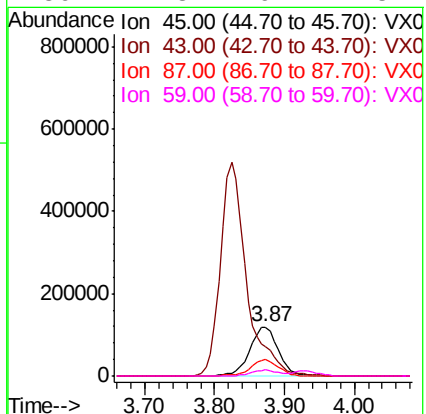
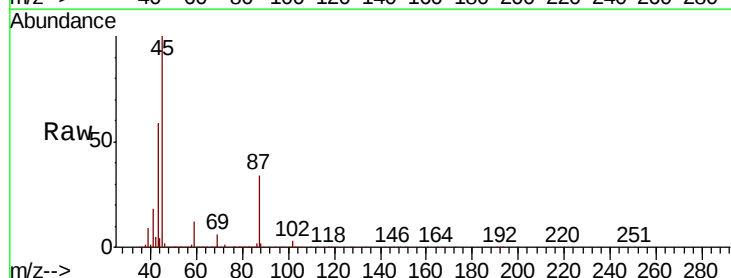
Ion Ratio Lower Upper

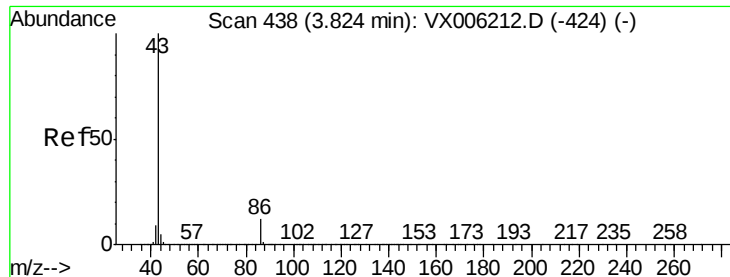
45 100

43 58.9 46.2 69.2

87 33.8 24.9 37.3

59 11.8 9.1 13.7





#23

Vinyl Acetate

Concen: 106.189 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

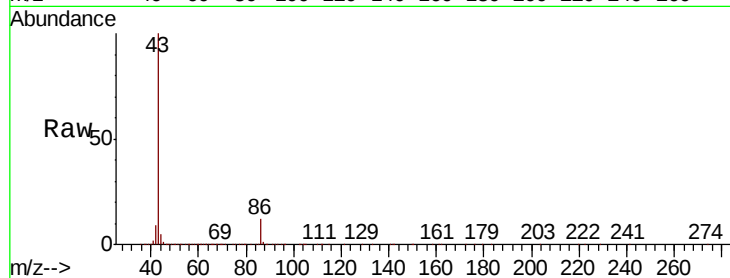
VX1212WBS02

Tot Ion: 43 Resp: 1355609

Ion Ratio Lower Upper

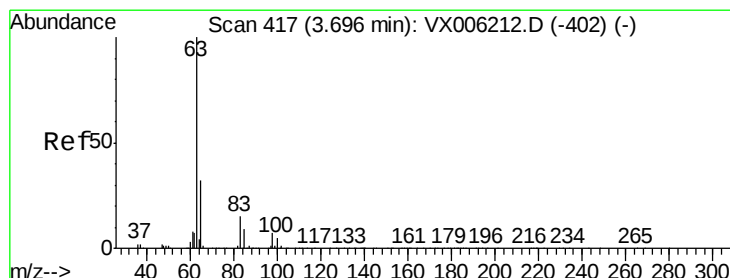
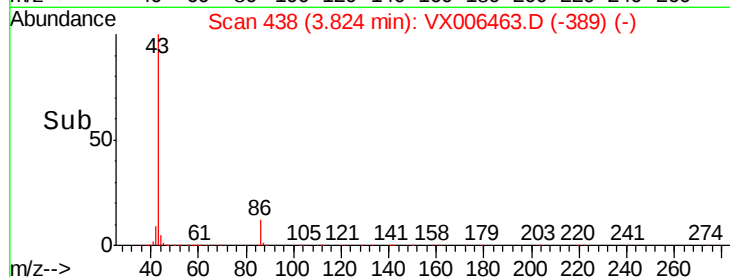
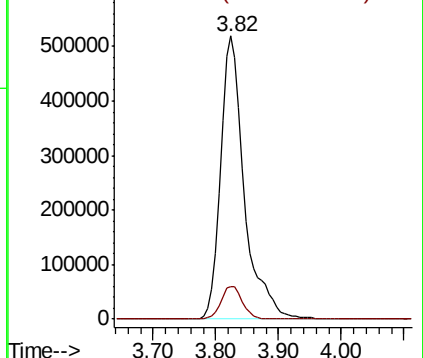
43 100

86 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 22.785 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

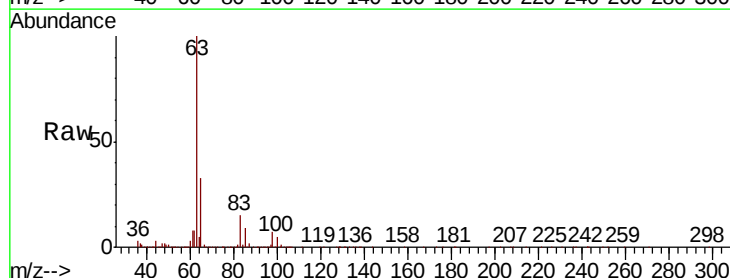
Tgt Ion: 63 Resp: 194929

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

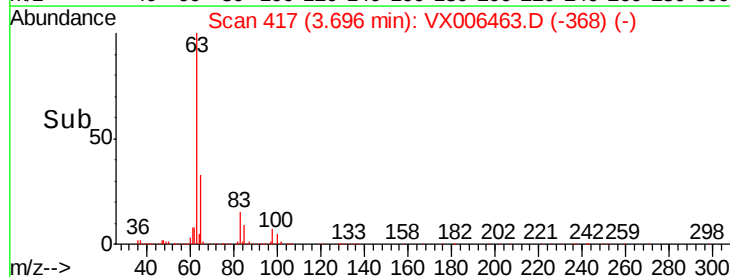
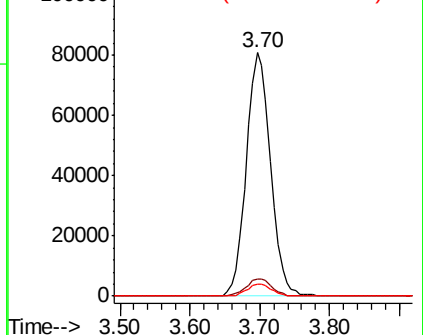
100 5.1 2.5 7.4

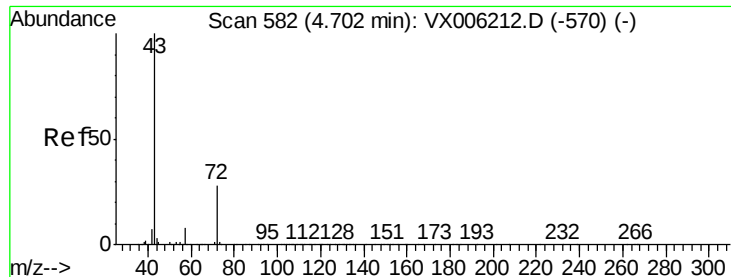


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 109.923 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

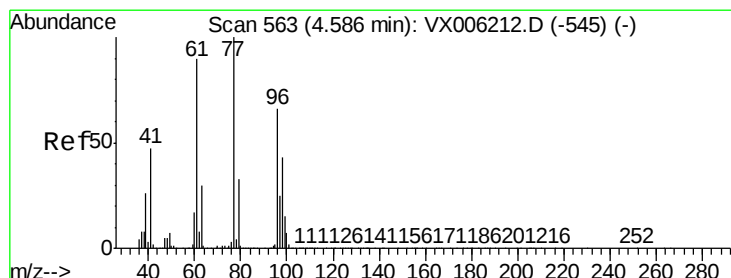
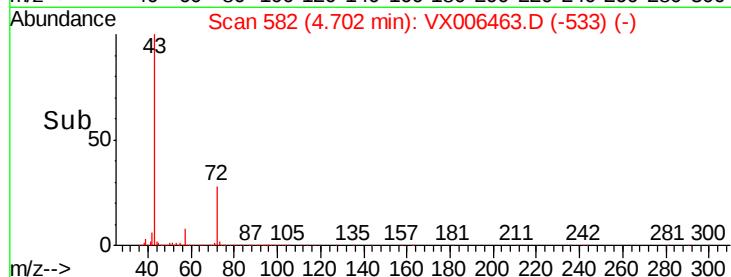
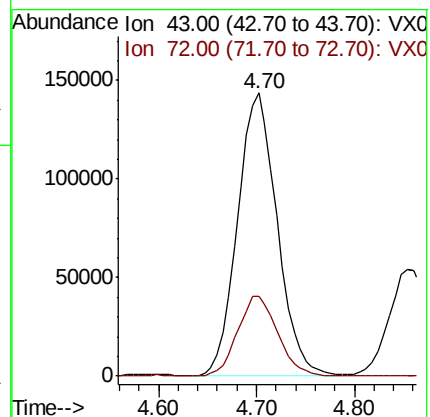
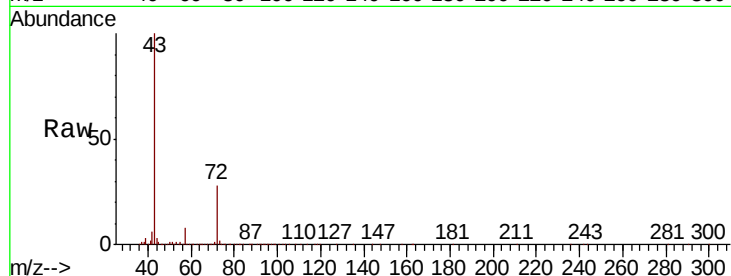
VX1212WBS02

Tot Ion: 43 Resp: 402822

Ion Ratio Lower Upper

43 100

72 28.3 22.6 33.8



#26

2,2-Dichloropropane

Concen: 16.383 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006463.D

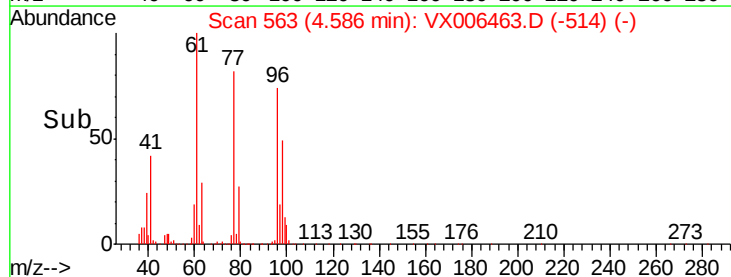
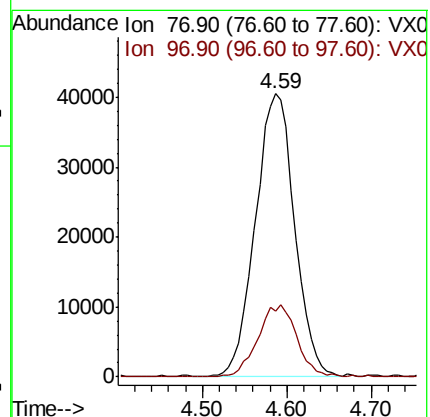
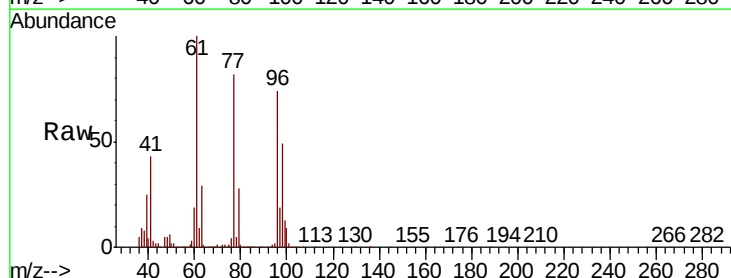
Acq: 13 Dec 2018 00:12

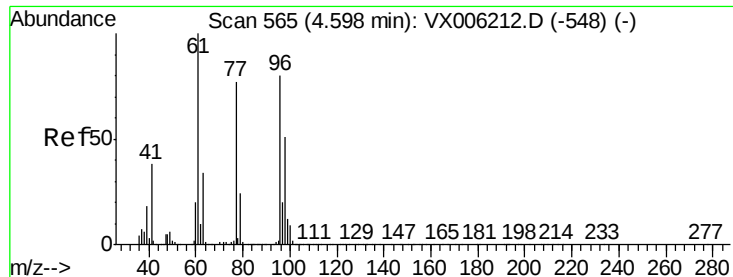
Tgt Ion: 77 Resp: 129346

Ion Ratio Lower Upper

77 100

97 25.2 12.3 36.8



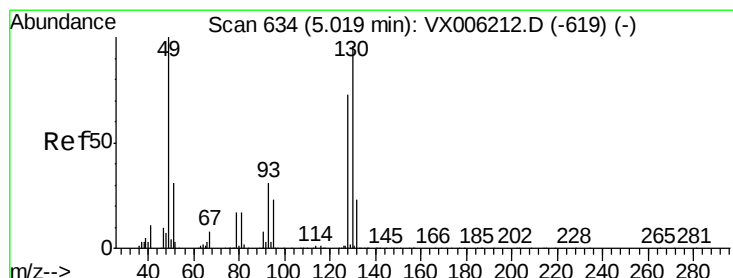
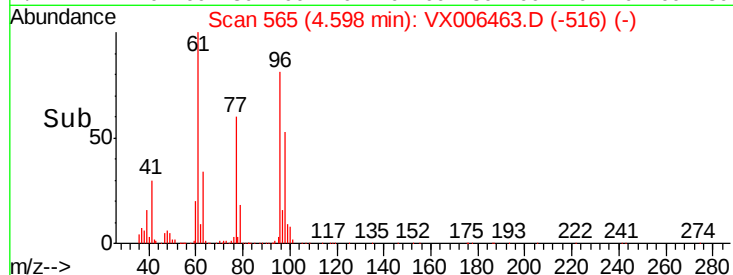
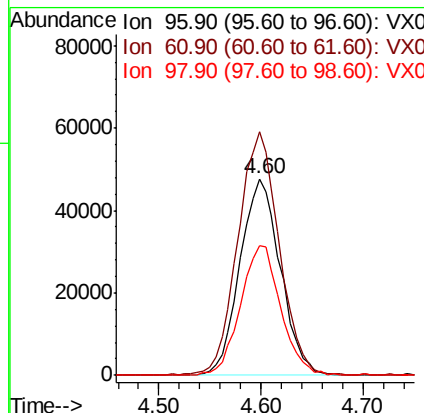
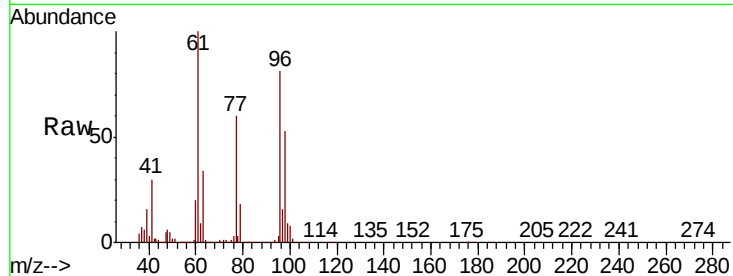


#27

cis-1,2-Dichloroethene
 Concen: 22.768 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

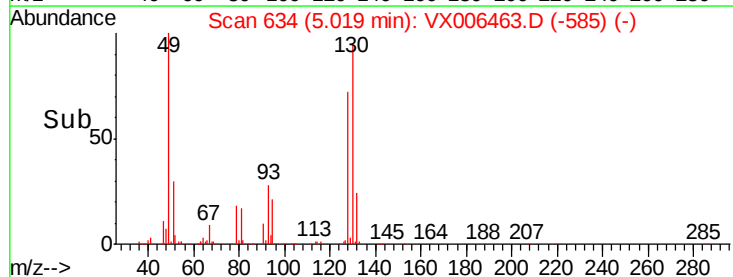
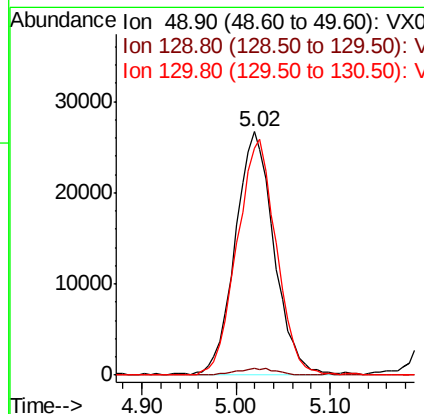
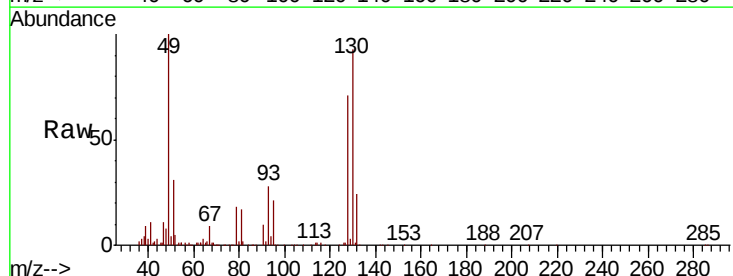
Tot Ion	Ratio	Lower	Upper
96	100		
61	127.1	0.0	265.0
98	66.0	0.0	130.2

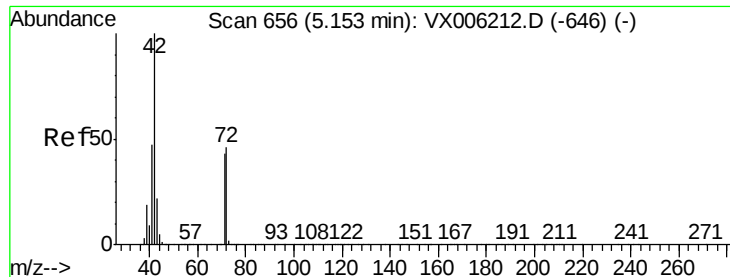


#28

Bromochloromethane
 Concen: 20.554 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	98.1	78.3	117.5





#29

Tetrahydrofuran

Concen: 107.084 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

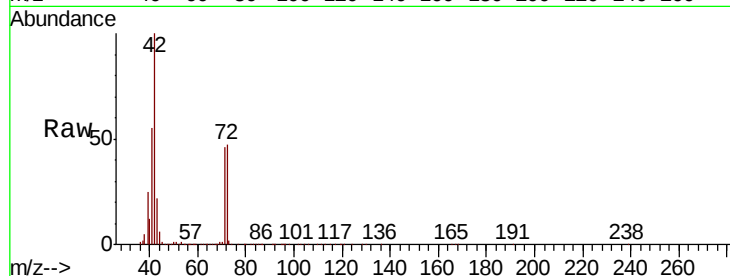
Tot Ion: 42 Resp: 272732

Ion Ratio Lower Upper

42 100

72 49.7 37.8 56.8

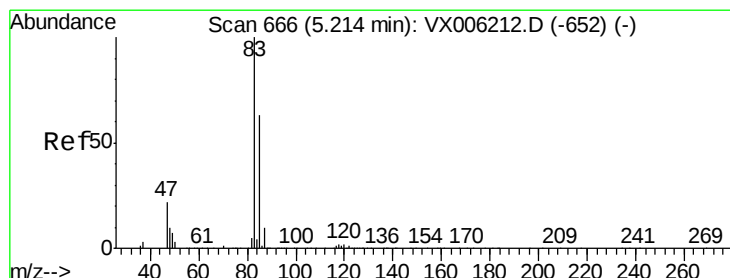
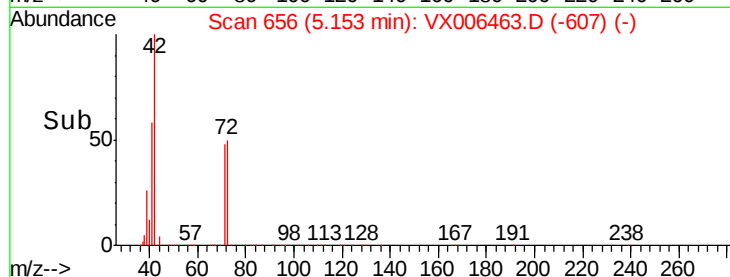
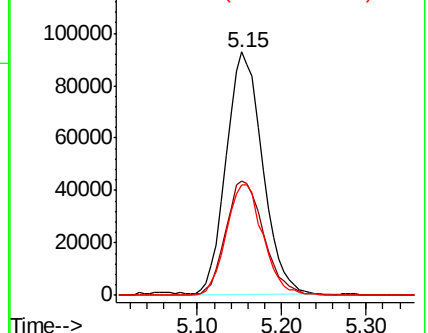
71 46.3 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 22.698 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006463.D

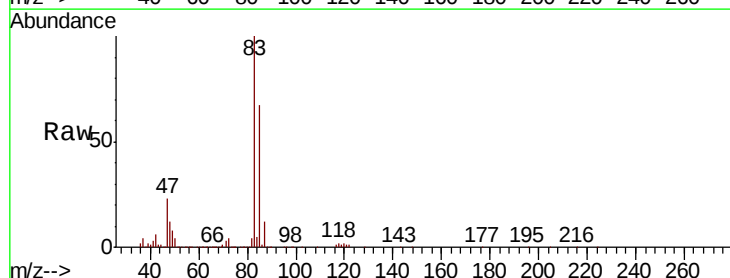
Acq: 13 Dec 2018 00:12

Tgt Ion: 83 Resp: 204064

Ion Ratio Lower Upper

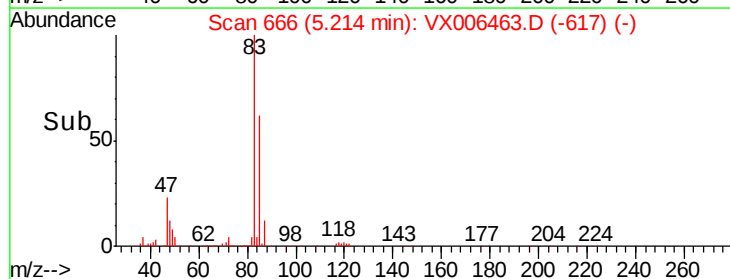
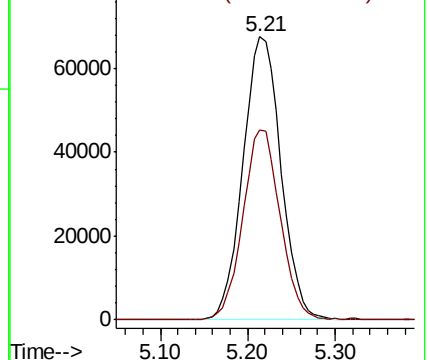
83 100

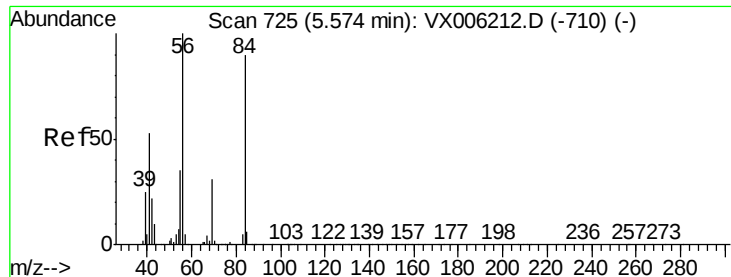
85 67.4 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

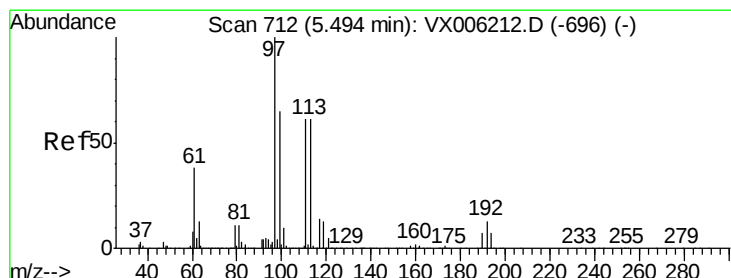
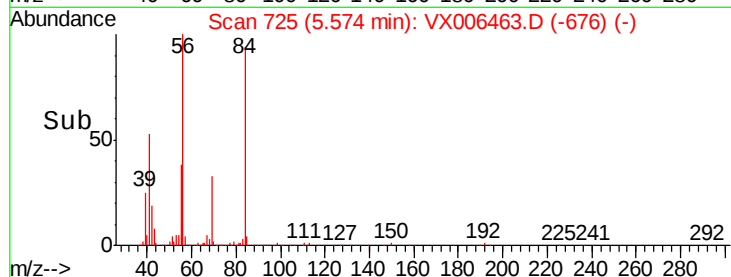
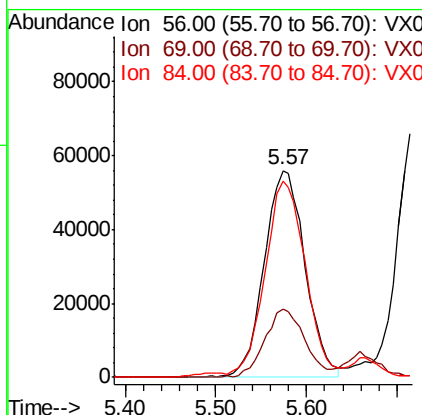
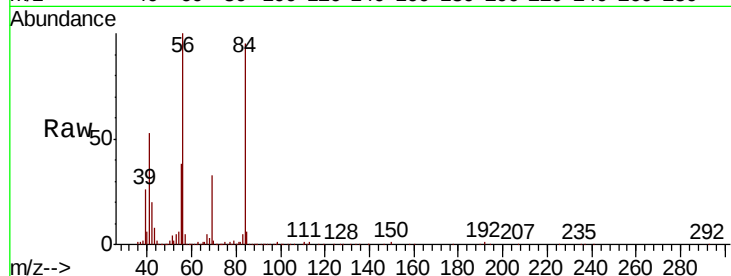




#31
Cyclohexane
Concen: 21.919 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

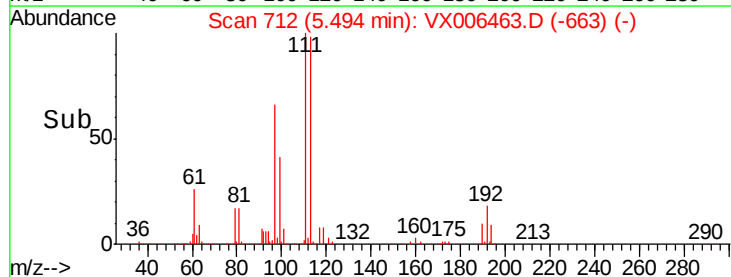
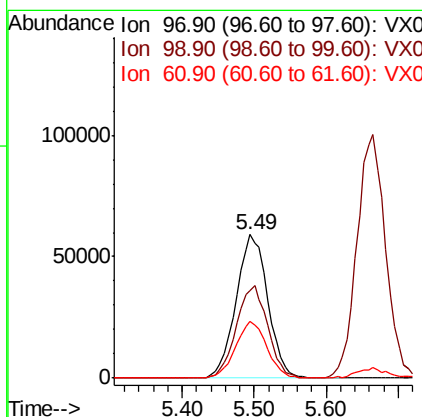
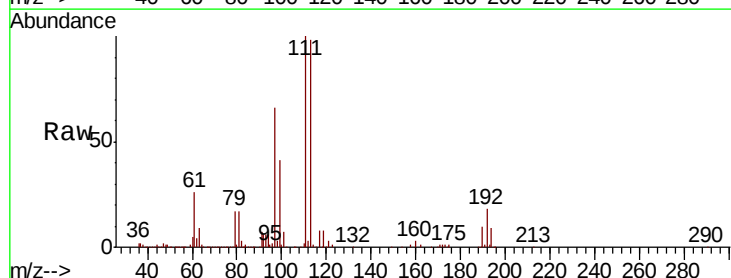
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

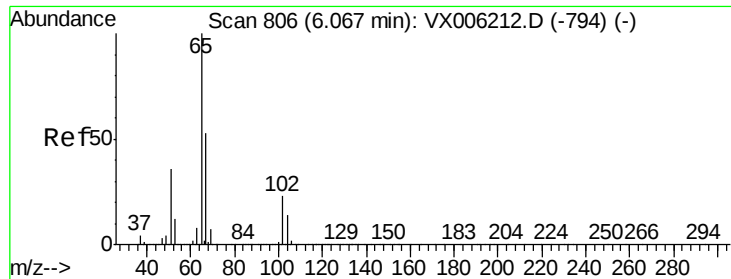
Tot Ion: 56 Resp: 173297
Ion Ratio Lower Upper
56 100
69 33.0 24.5 36.7
84 94.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.069 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

Tgt Ion: 97 Resp: 180223
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 39.2 30.6 46.0

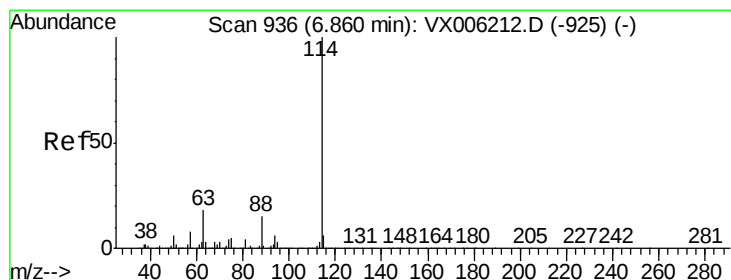
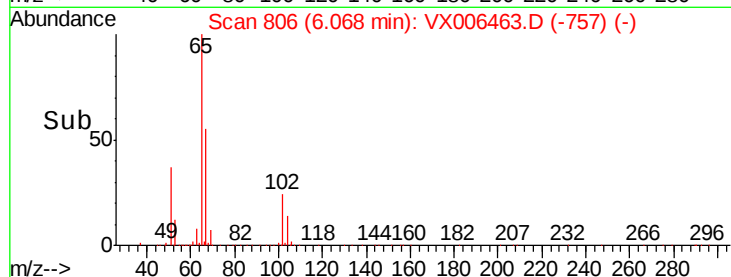
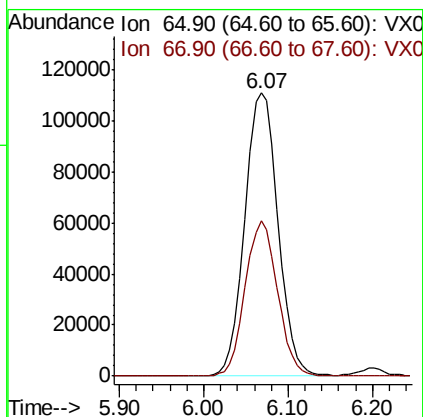
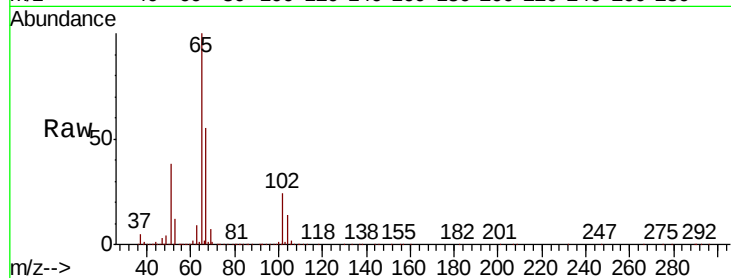




#33
 1,2-Dichloroethane-d4
 Concen: 54.156 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

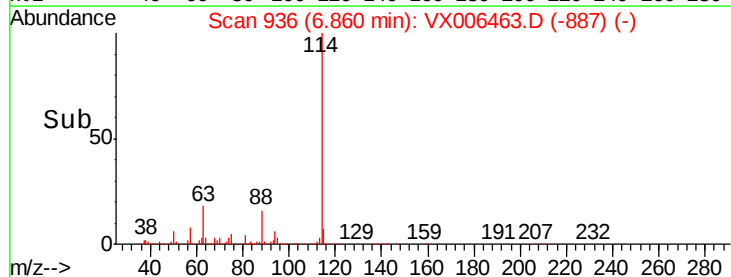
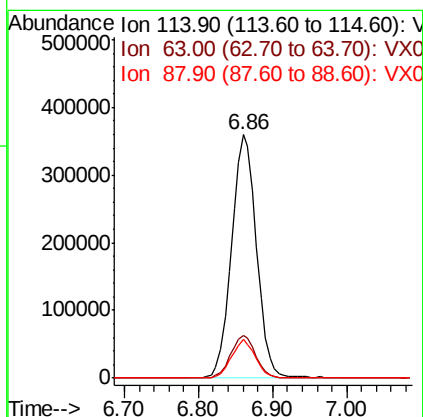
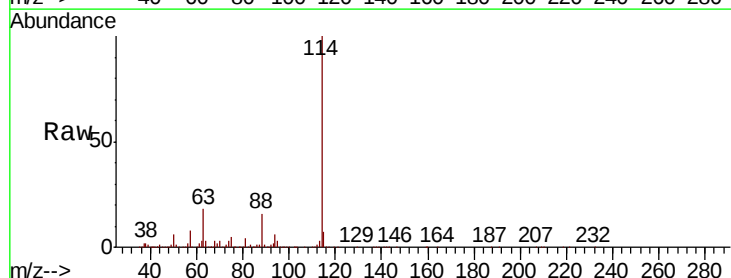
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

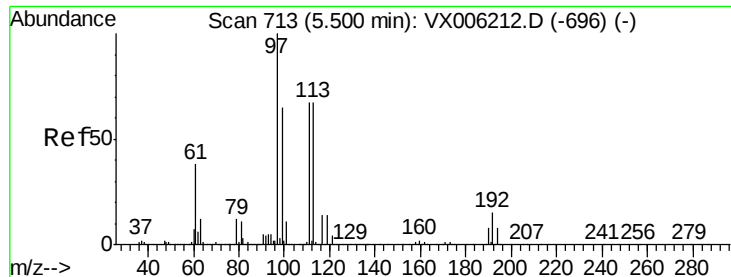
Tot Ion: 65 Resp: 296381
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

Tgt Ion: 114 Resp: 843043
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.6
 88 15.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.499 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

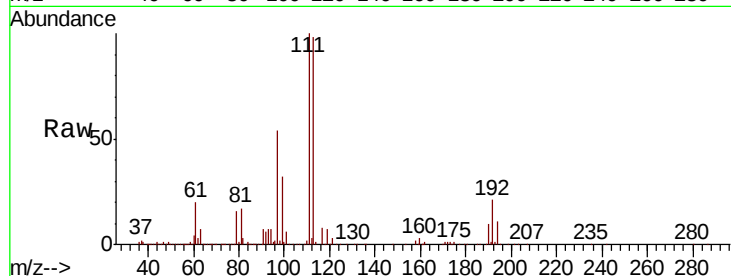
Tot Ion:113 Resp: 275642

Ion Ratio Lower Upper

113 100

111 101.5 81.1 121.7

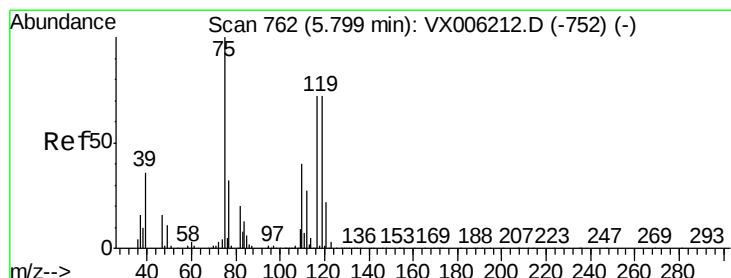
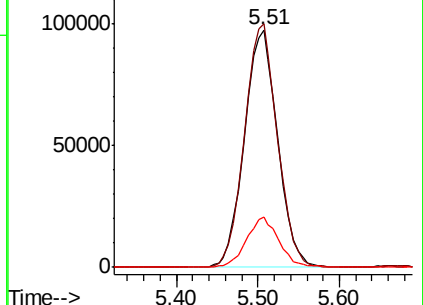
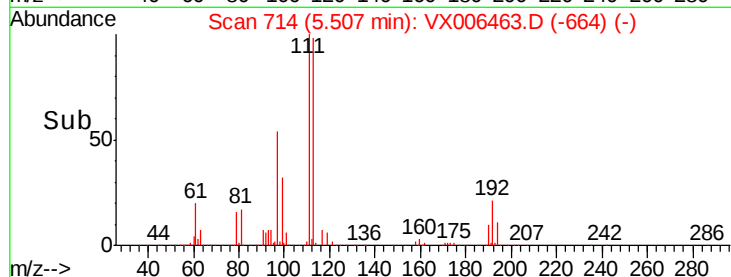
192 20.5 18.2 27.2



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: 21.265 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

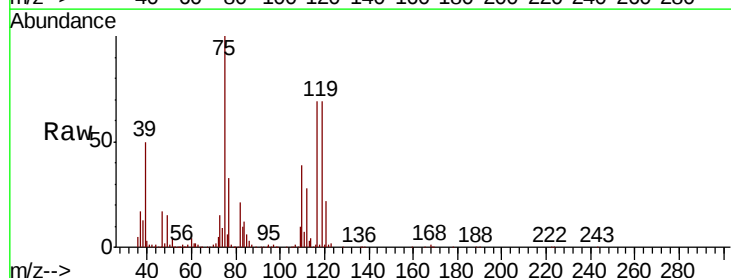
Tgt Ion: 75 Resp: 150969

Ion Ratio Lower Upper

75 100

110 39.8 20.4 61.3

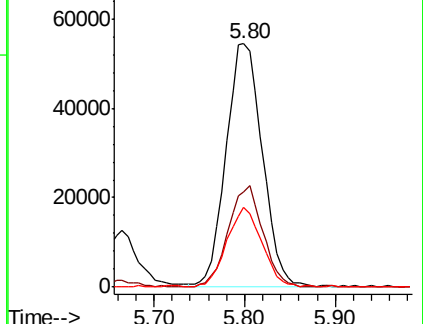
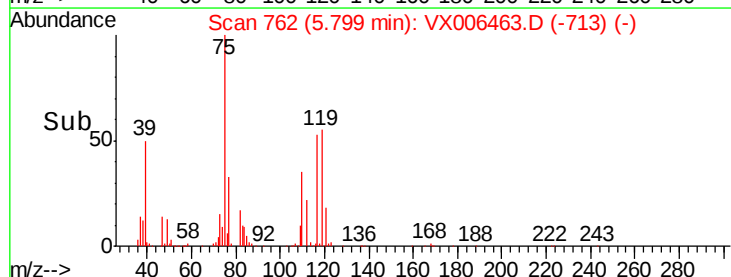
77 31.3 24.9 37.3

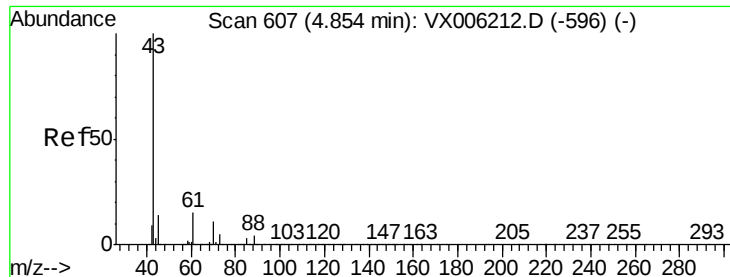


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

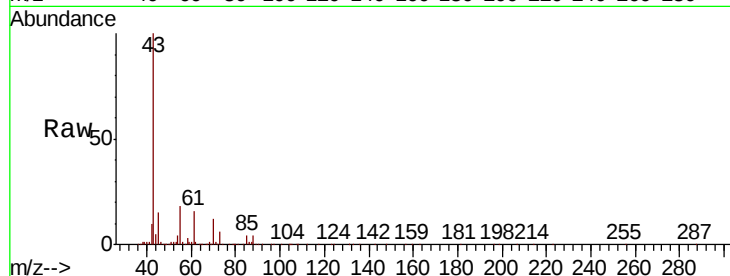




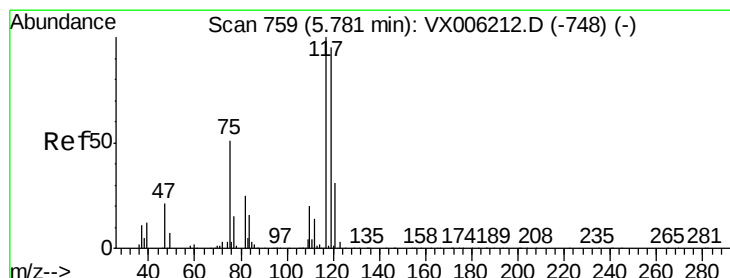
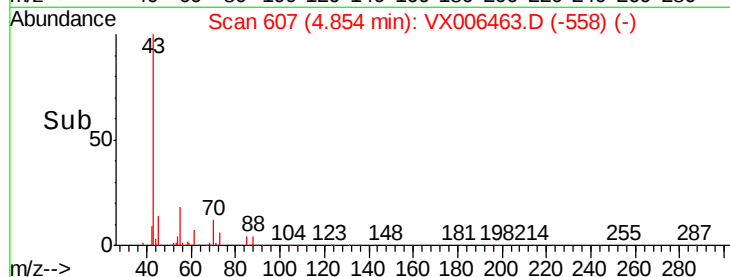
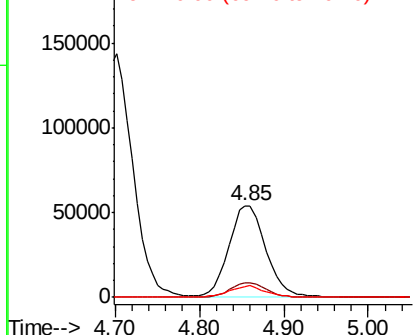
#37
Ethyl Acetate
Concen: 19.997 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

Tot Ion: 43 Resp: 158979
Ion Ratio Lower Upper
43 100
61 15.4 11.5 17.3
70 12.3 9.0 13.6

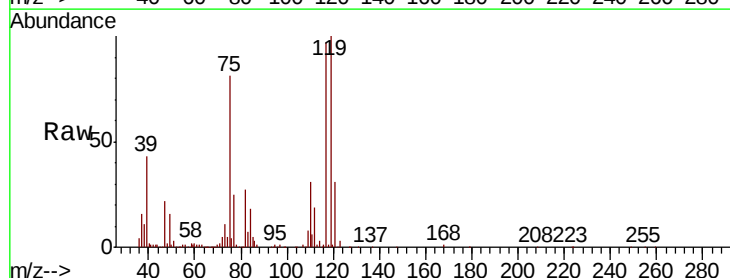


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

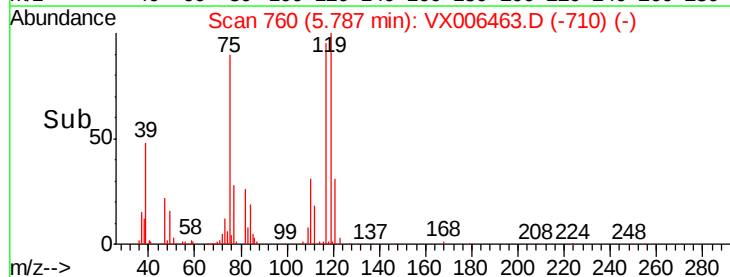
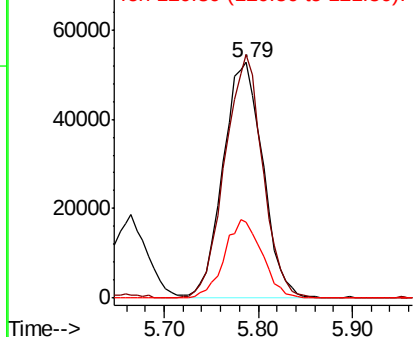


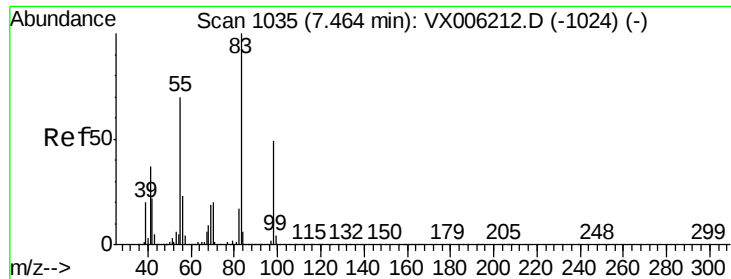
#38
Carbon Tetrachloride
Concen: 18.442 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

Tgt Ion: 117 Resp: 154021
Ion Ratio Lower Upper
117 100
119 103.5 75.8 113.8
121 32.0 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

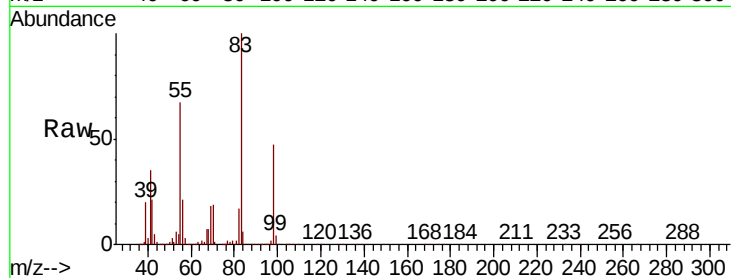




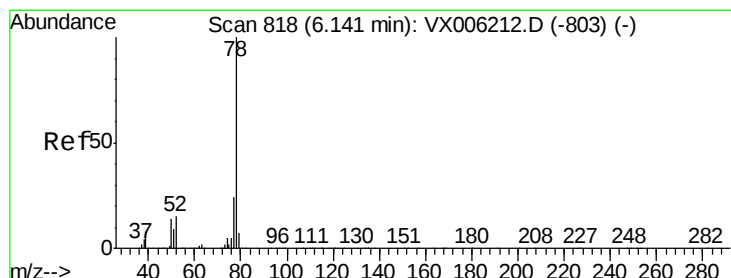
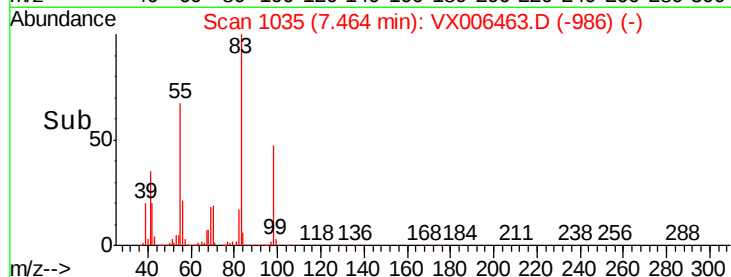
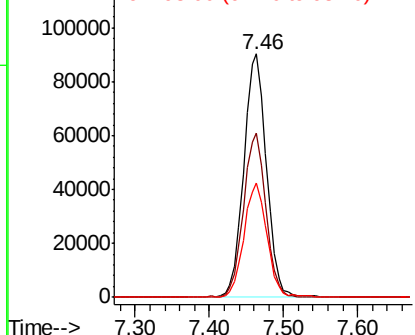
#39
Methvlcvclohexane
Concen: 20.931 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

Tot Ion: 83 Resp: 192882
Ion Ratio Lower Upper
83 100
55 67.2 56.4 84.6
98 46.7 39.0 58.6

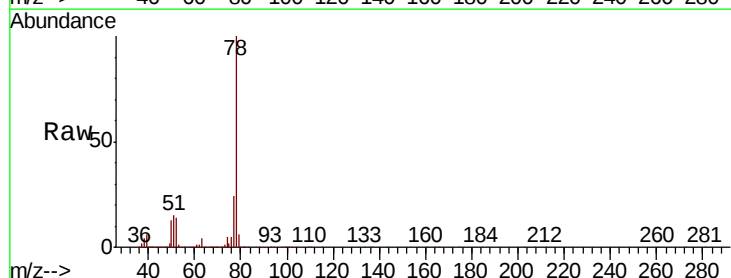


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

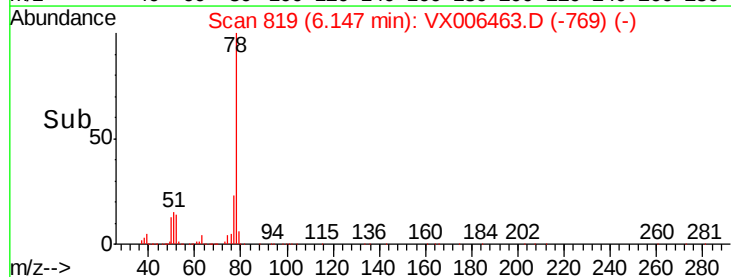
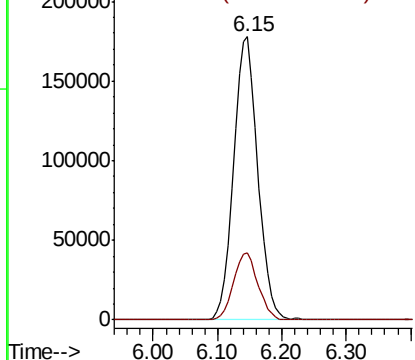


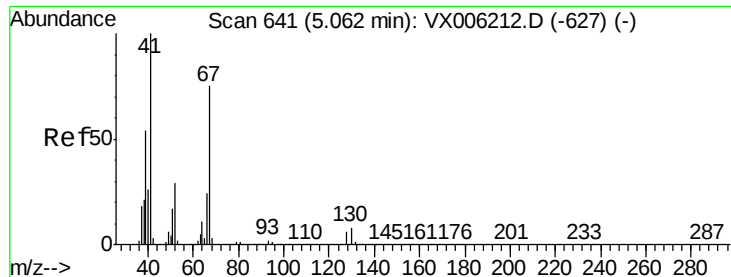
#40
Benzene
Concen: 21.890 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

Tgt Ion: 78 Resp: 465454
Ion Ratio Lower Upper
78 100
77 23.5 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: 19.626 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

Tot Ion: 41 Resp: 85856

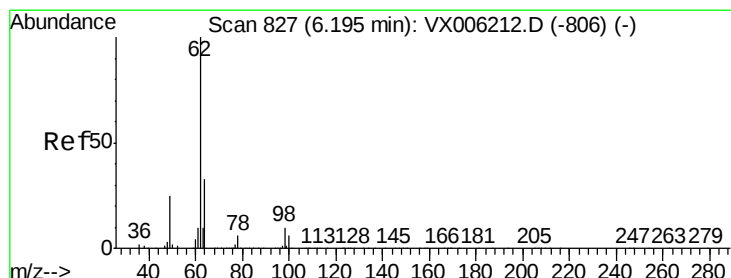
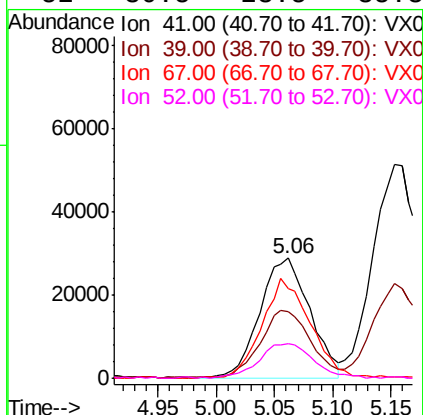
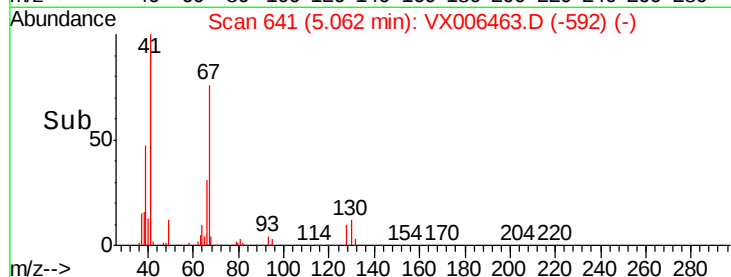
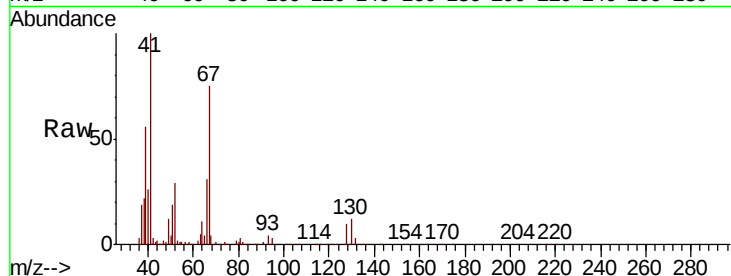
Ion Ratio Lower Upper

41 100

39 56.3 44.0 66.0

67 80.7 61.4 92.0

52 30.5 23.5 35.3



#42

1,2-Dichloroethane

Concen: 22.264 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX006463.D

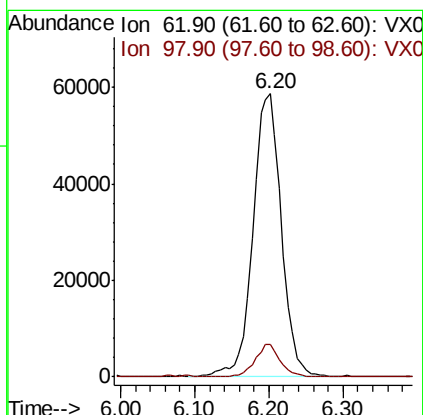
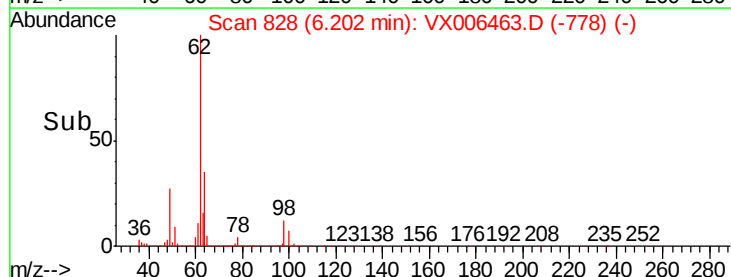
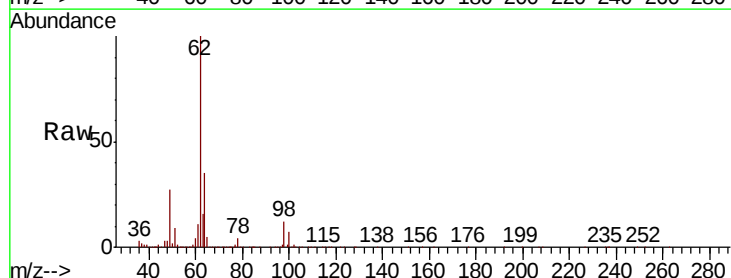
Acq: 13 Dec 2018 00:12

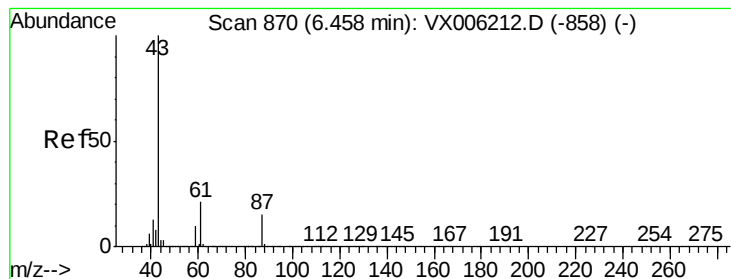
Tgt Ion: 62 Resp: 154938

Ion Ratio Lower Upper

62 100

98 10.5 0.0 20.2



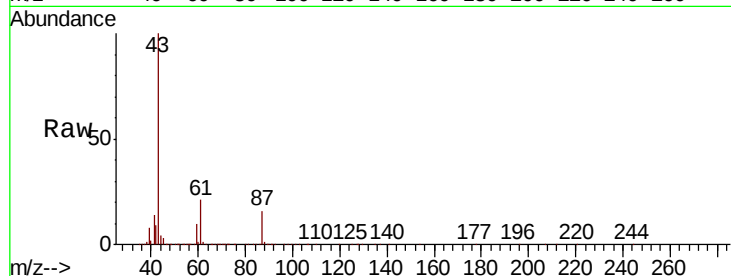


#43

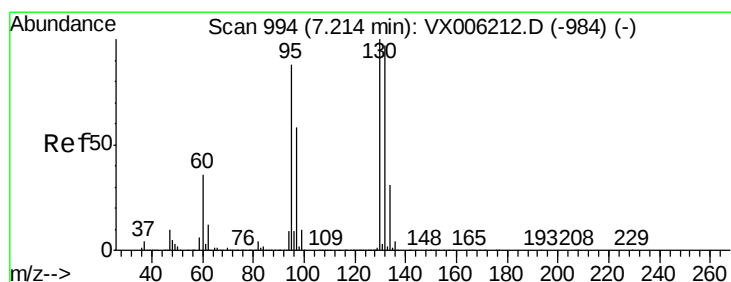
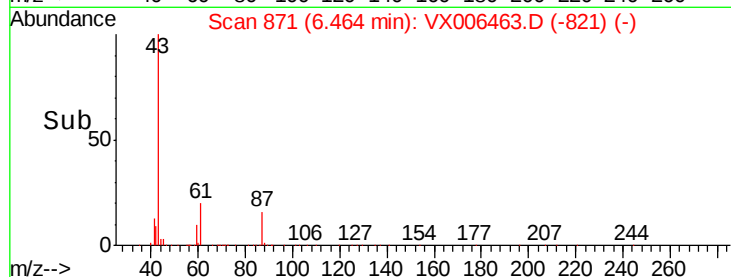
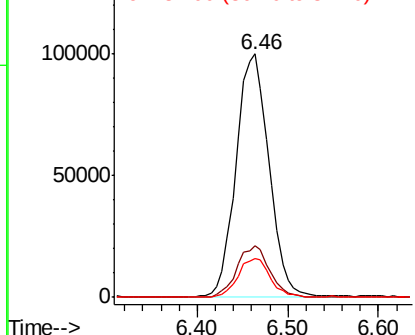
Isopropyl Acetate
 Concen: 18.841 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

Tot Ion: 43 Resp: 249751
 Ion Ratio Lower Upper
 43 100
 61 21.5 16.8 25.2
 87 15.7 11.9 17.9



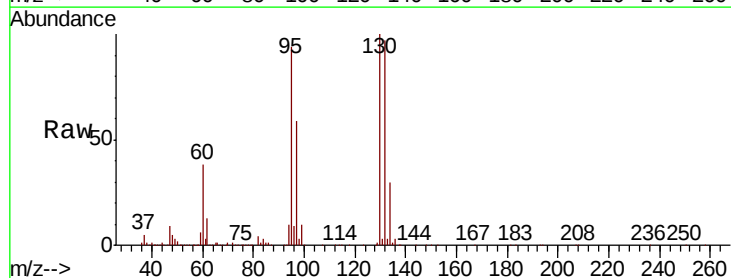
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



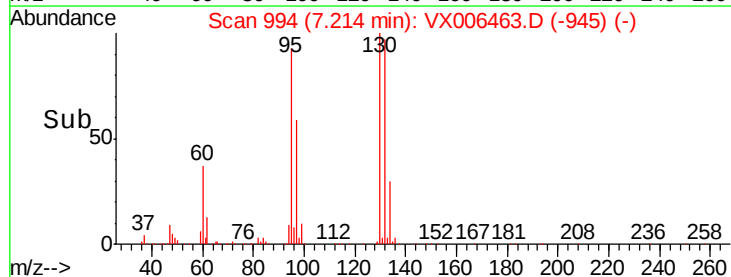
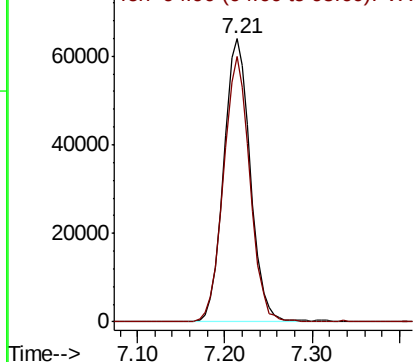
#44

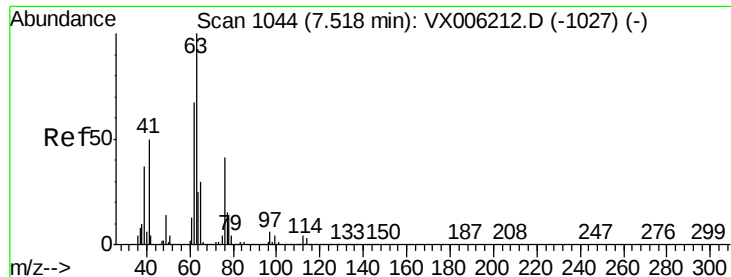
Trichloroethene
 Concen: 20.977 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

Tgt Ion:130 Resp: 135123
 Ion Ratio Lower Upper
 130 100
 95 93.4 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.915 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

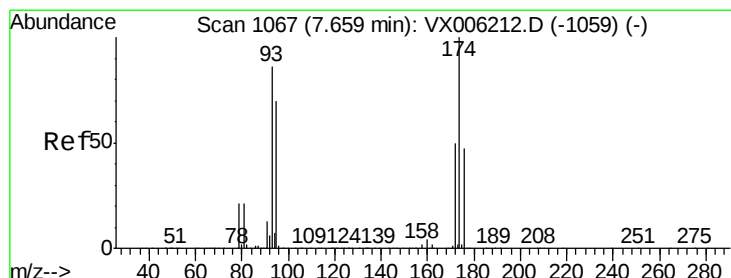
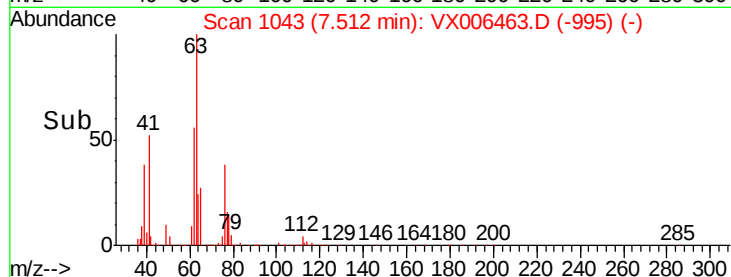
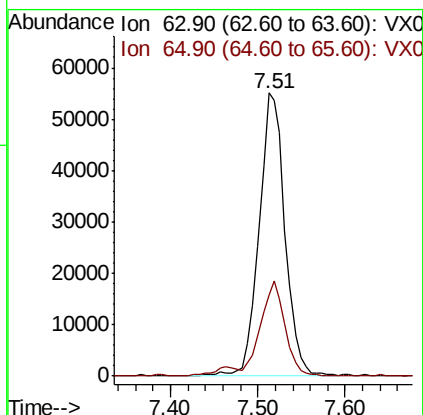
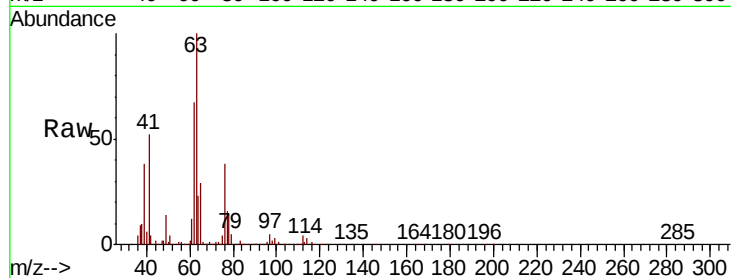
VX1212WBS02

Tot Ion: 63 Resp: 113026

Ion Ratio Lower Upper

63 100

65 28.4 24.3 36.5



#46

Dibromomethane

Concen: 20.957 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

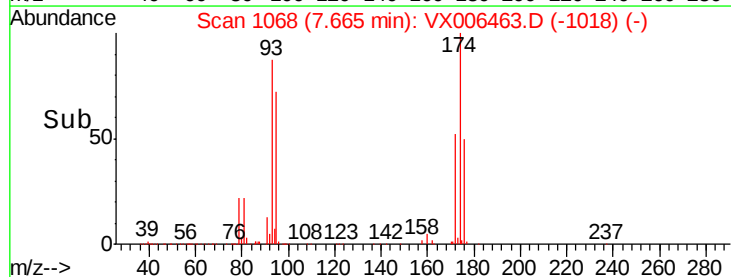
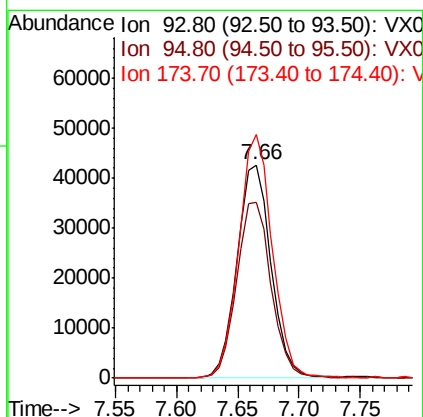
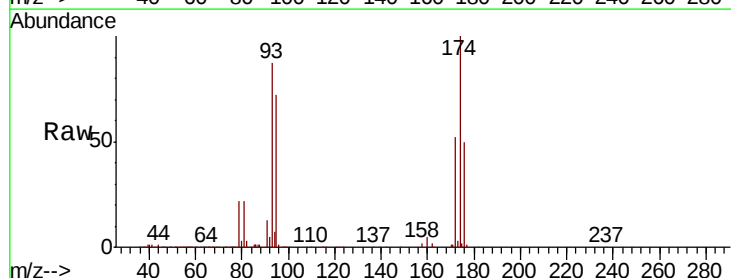
Tgt Ion: 93 Resp: 81794

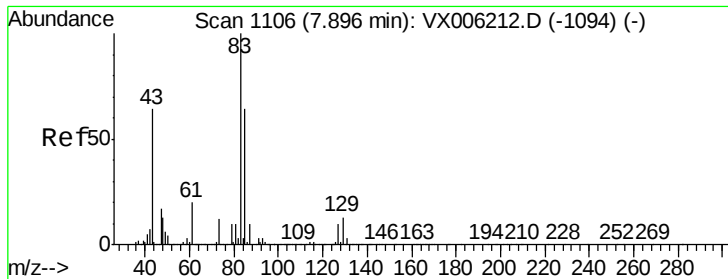
Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

174 113.8 97.2 145.8





#47

Bromodichloromethane

Concen: 18.827 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

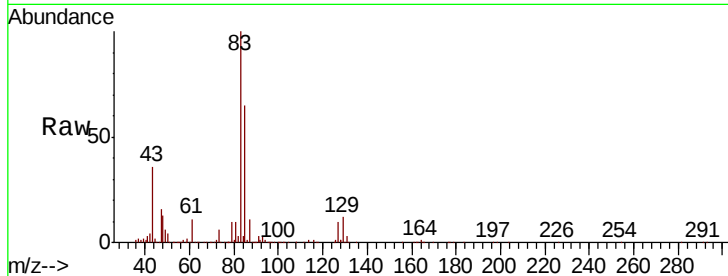
Tot Ion: 83 Resp: 142296

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.0

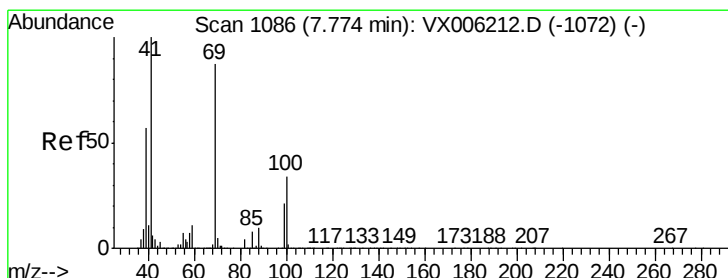
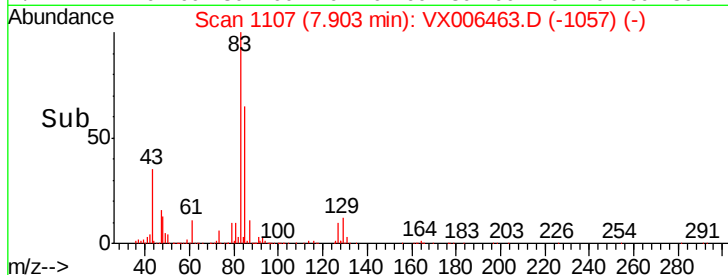
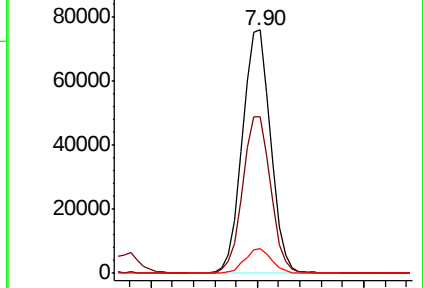
127 10.3 7.9 11.9



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: 19.847 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

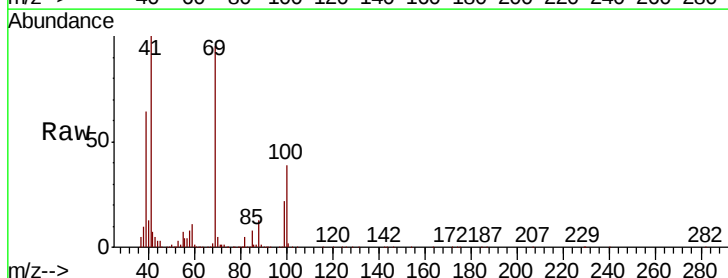
Tgt Ion: 41 Resp: 127988

Ion Ratio Lower Upper

41 100

69 91.1 70.3 105.5

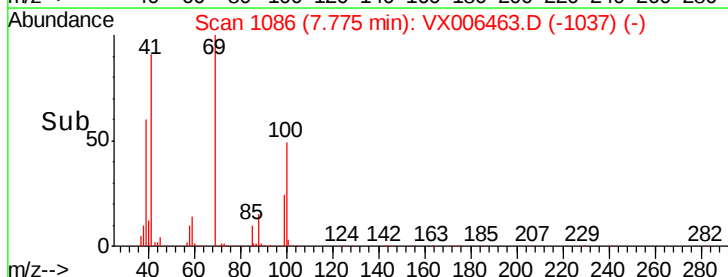
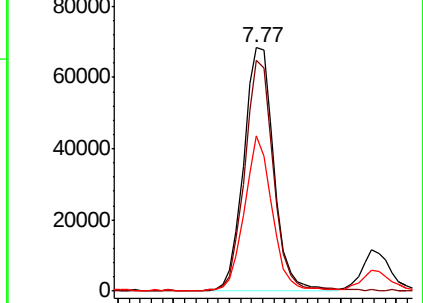
39 58.4 45.3 67.9

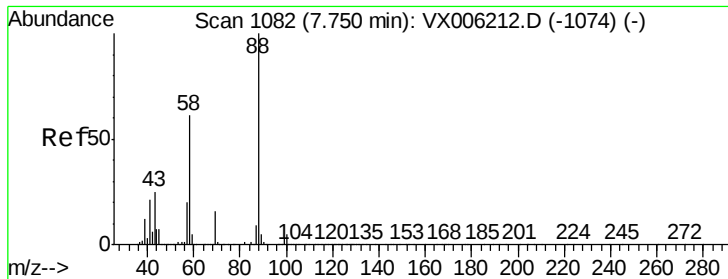


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 433.334 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

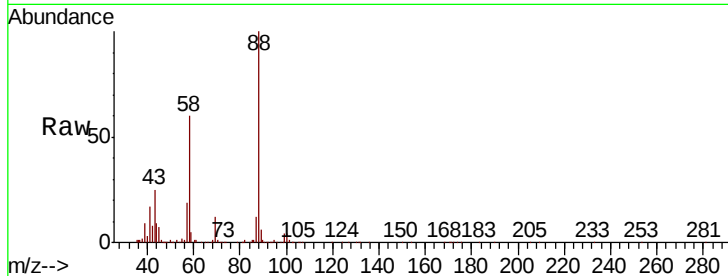
Tot Ion: 88 Resp: 68872

Ion Ratio Lower Upper

88 100

43 28.2 23.2 34.8

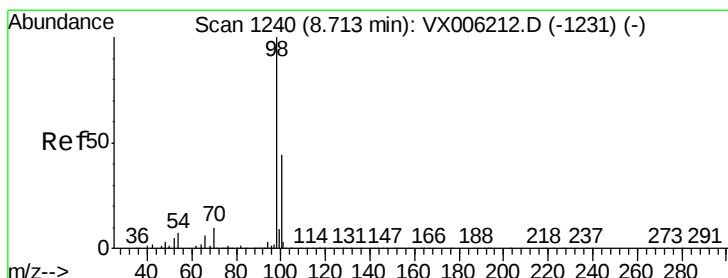
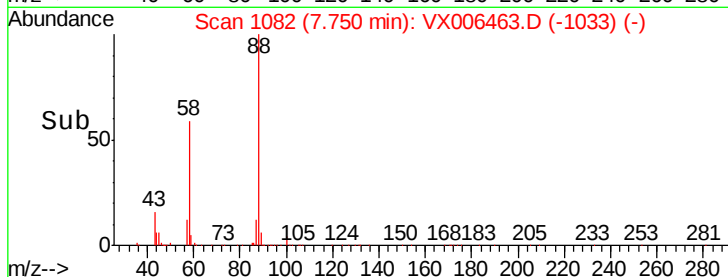
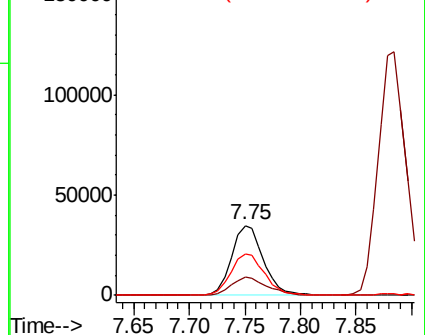
58 62.7 51.4 77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.719 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006463.D

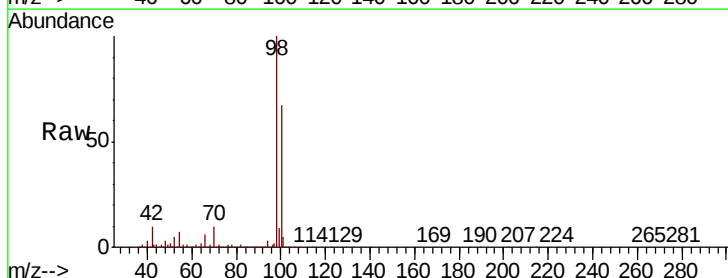
Acq: 13 Dec 2018 00:12

Tgt Ion: 98 Resp: 987131

Ion Ratio Lower Upper

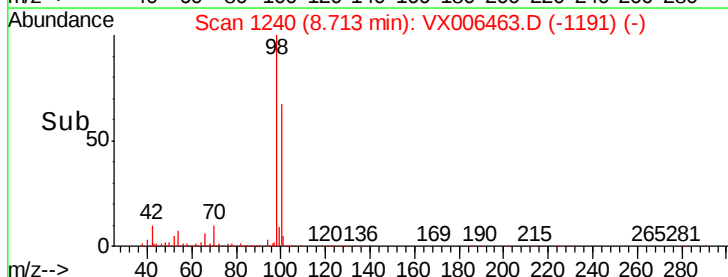
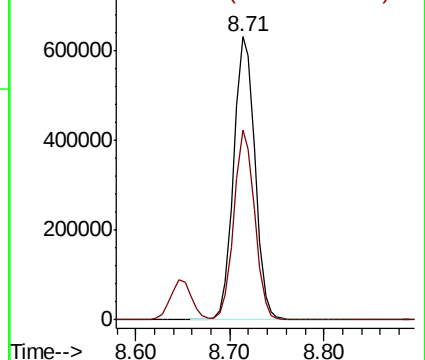
98 100

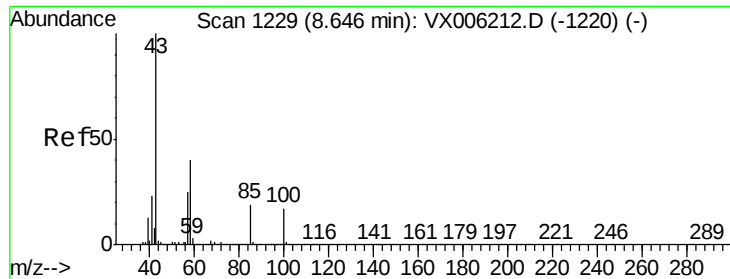
100 65.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 103.815 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

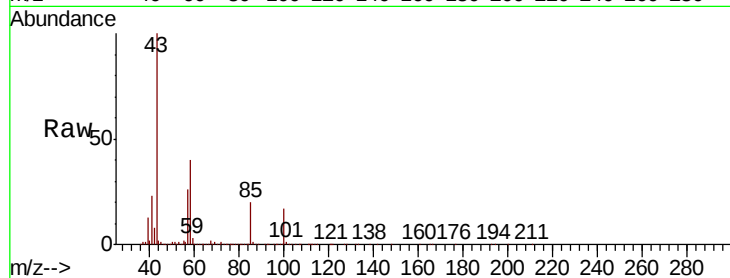
VX1212WBS02

Tot Ion: 43 Resp: 801093

Ion Ratio Lower Upper

43 100

58 40.7 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

600000

500000

400000

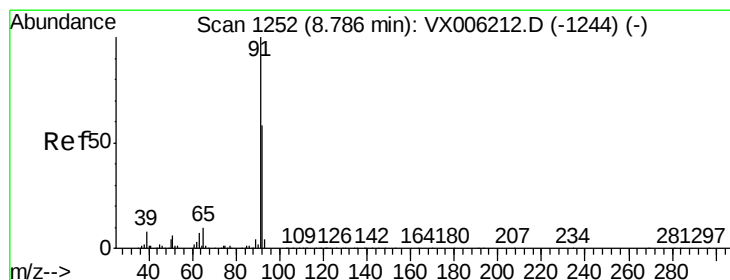
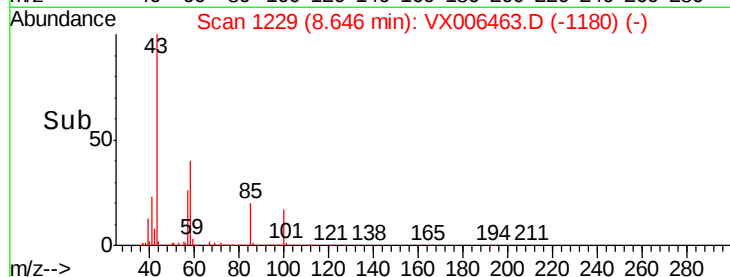
300000

200000

100000

0

Time--> 8.50 8.60 8.70



#52

Toluene

Concen: 21.935 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006463.D

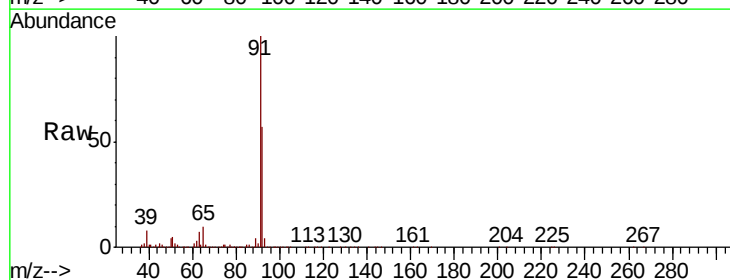
Acq: 13 Dec 2018 00:12

Tgt Ion: 92 Resp: 306846

Ion Ratio Lower Upper

92 100

91 173.6 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

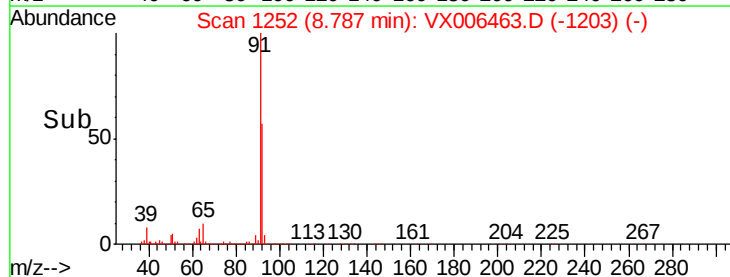
300000

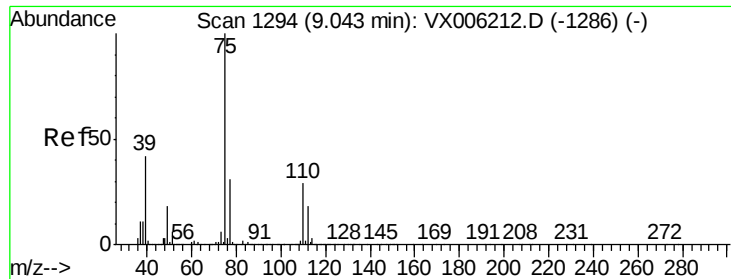
200000

100000

0

Time--> 8.70 8.75 8.80 8.85





#53

t-1,3-Dichloropropene

Concen: 17.195 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

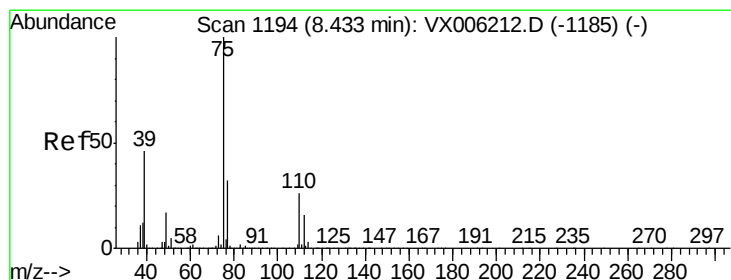
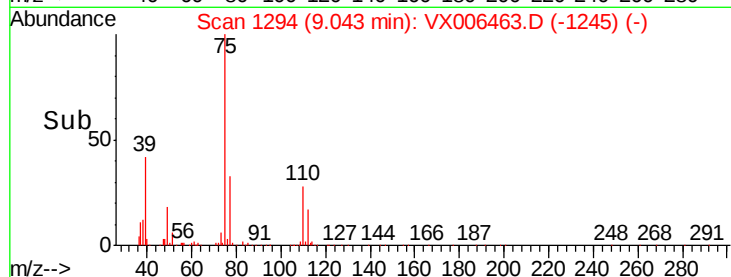
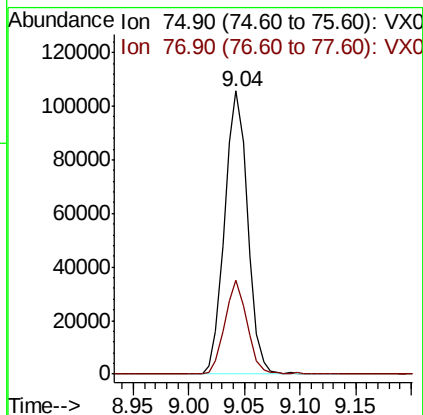
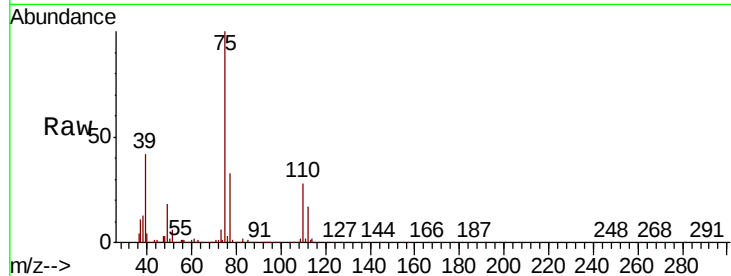
VX1212WBS02

Tot Ion: 75 Resp: 151989

Ion Ratio Lower Upper

75 100

77 33.1 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 18.435 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

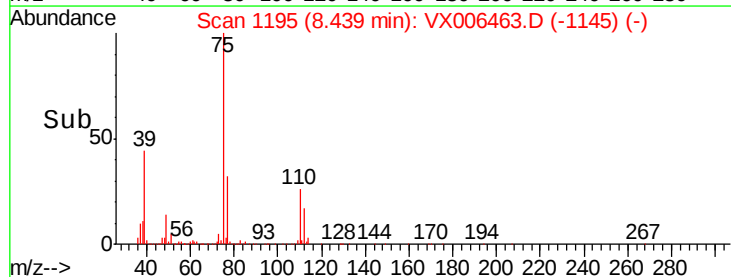
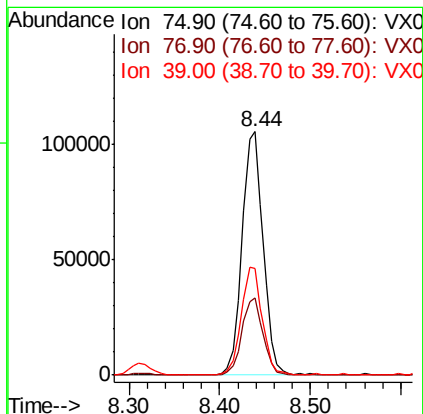
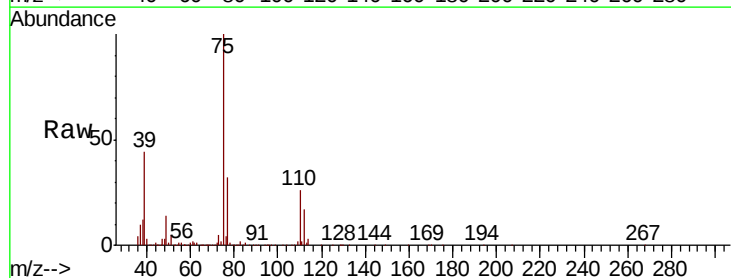
Tgt Ion: 75 Resp: 169202

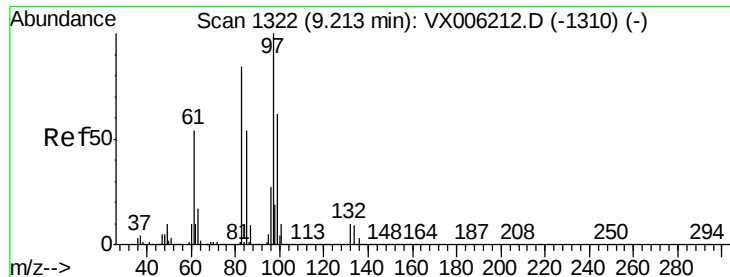
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 43.6 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 22.066 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

Tot Ion: 97 Resp: 125404

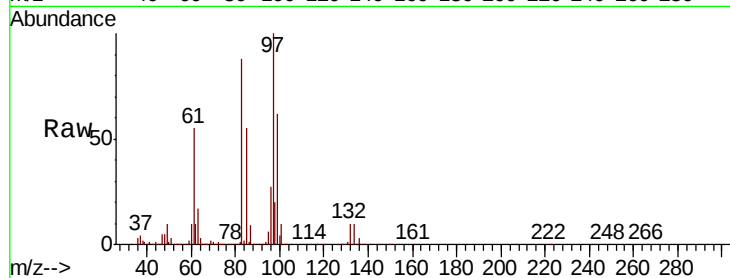
Ion Ratio Lower Upper

97 100

83 87.9 67.1 100.7

85 55.3 43.2 64.8

99 61.6 49.8 74.6



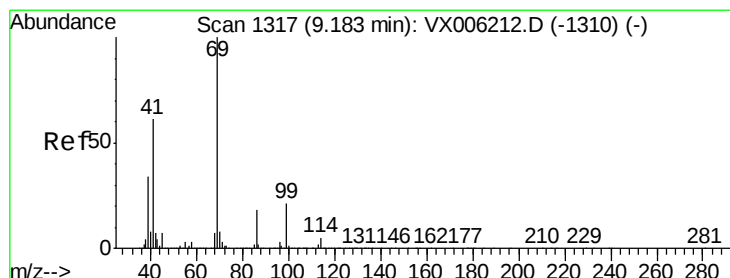
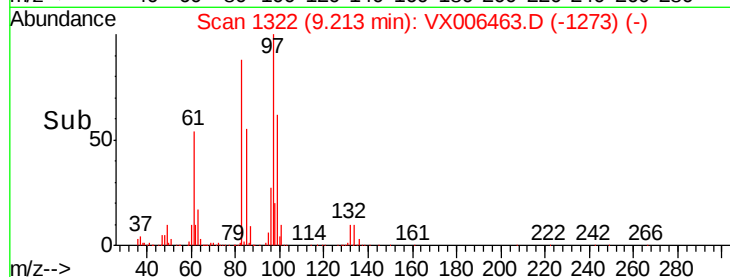
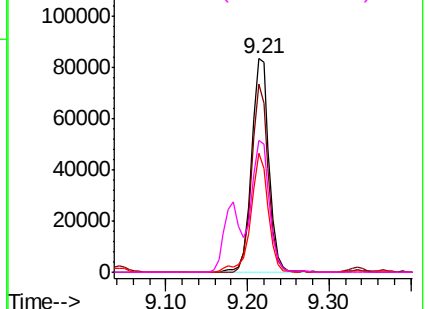
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.596 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

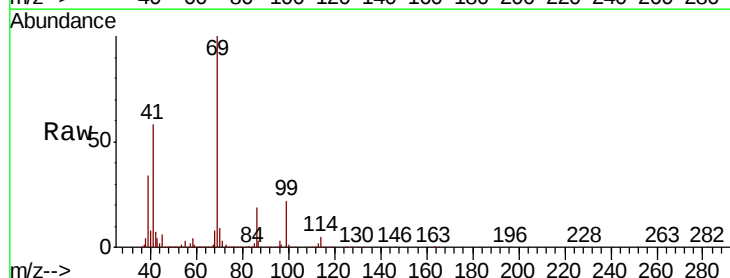
Tgt Ion: 69 Resp: 182986

Ion Ratio Lower Upper

69 100

41 60.9 50.6 76.0

39 32.6 27.6 41.4

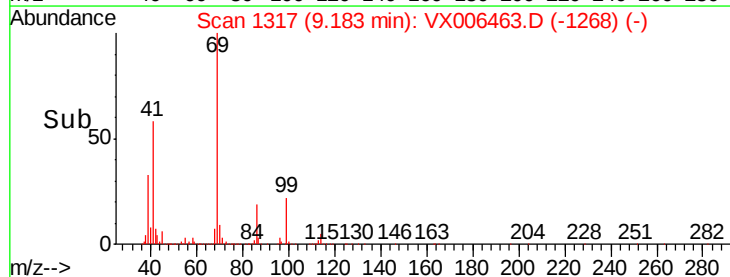
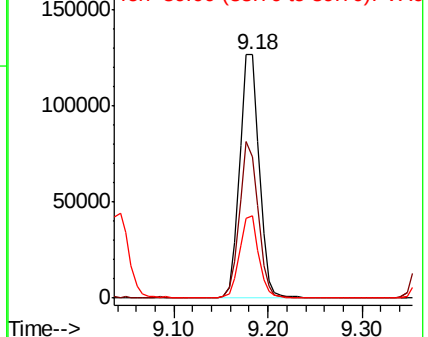


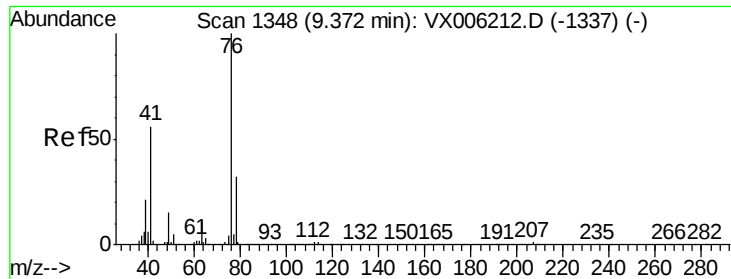
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

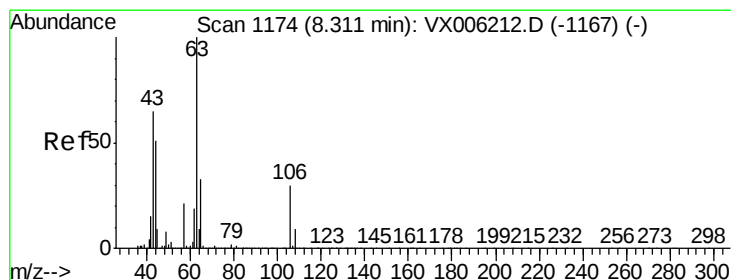
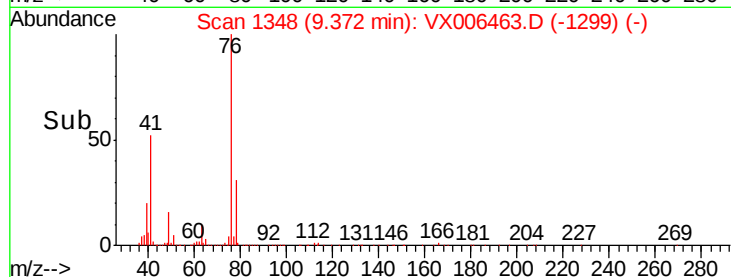
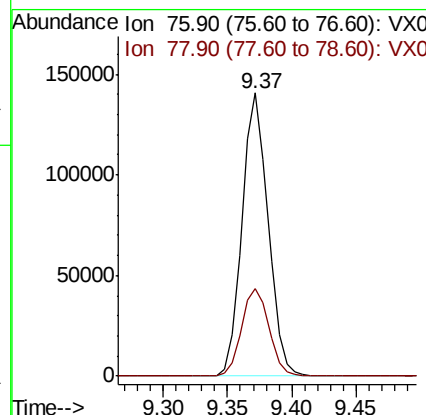
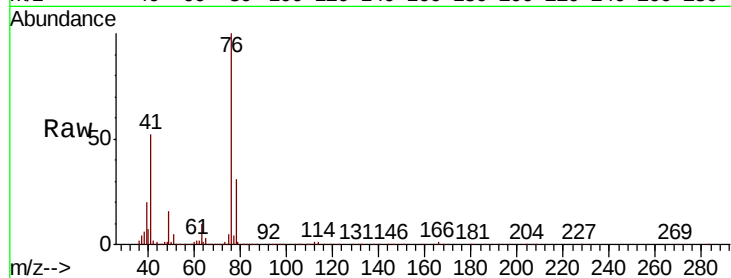




#57
 1,3-Dichloropropane
 Concen: 21.920 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

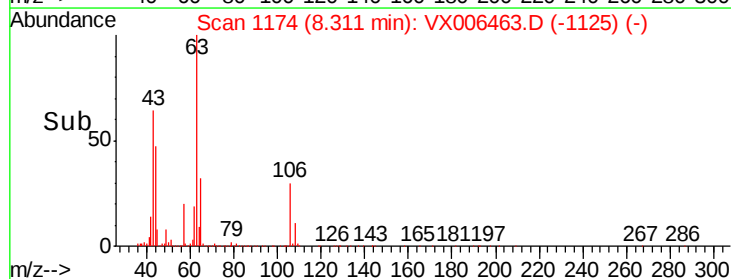
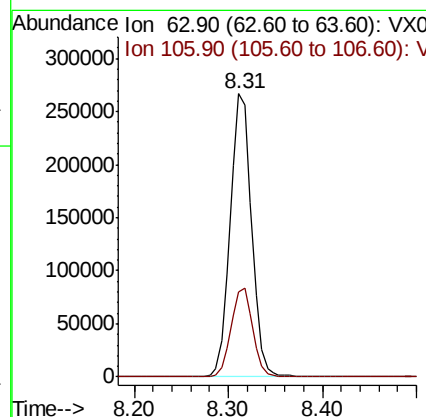
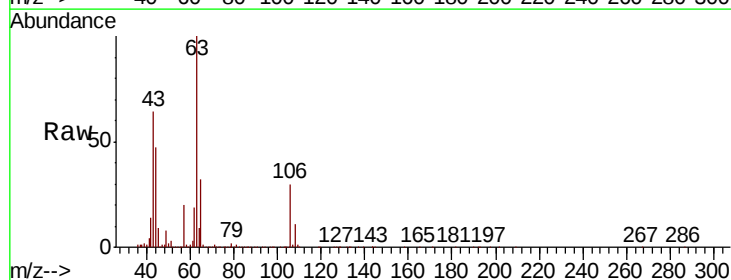
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

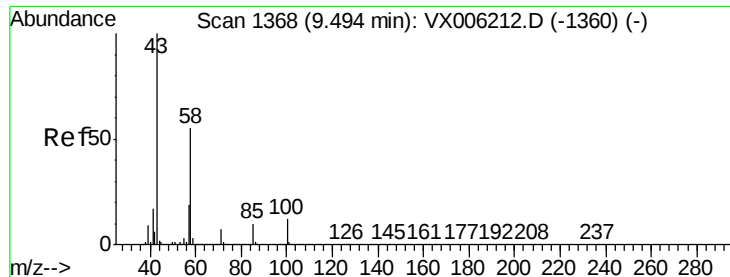
Tot Ion: 76 Resp: 196984
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.029 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

Tgt Ion: 63 Resp: 419414
 Ion Ratio Lower Upper
 63 100
 106 31.7 24.9 37.3

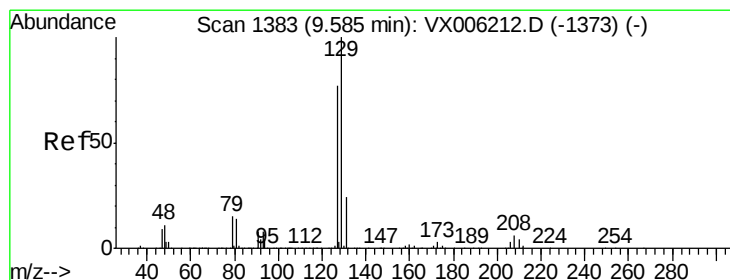
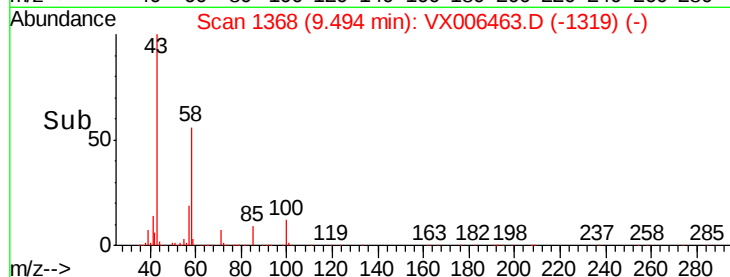
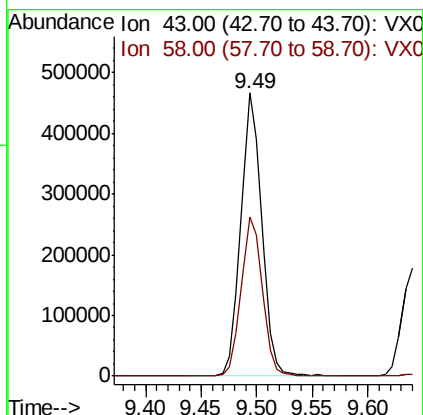
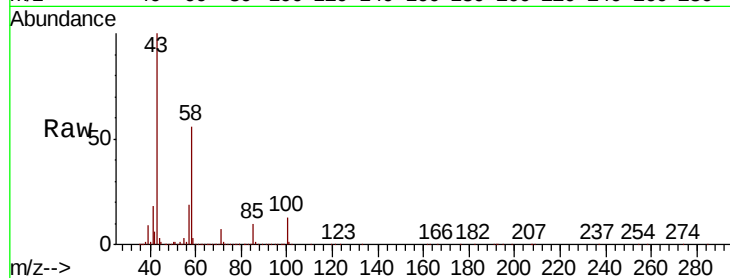




#59
2-Hexanone
Concen: 103.553 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

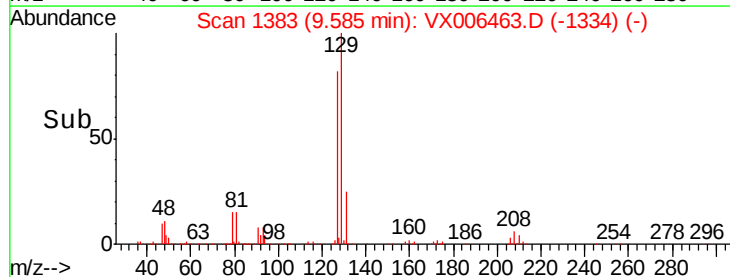
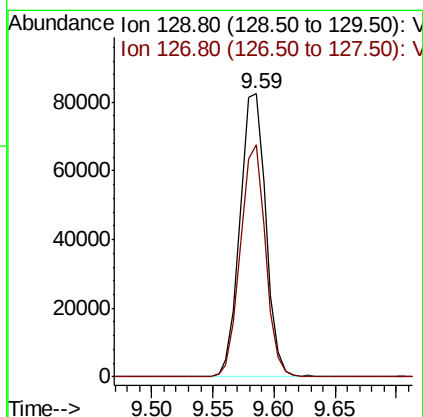
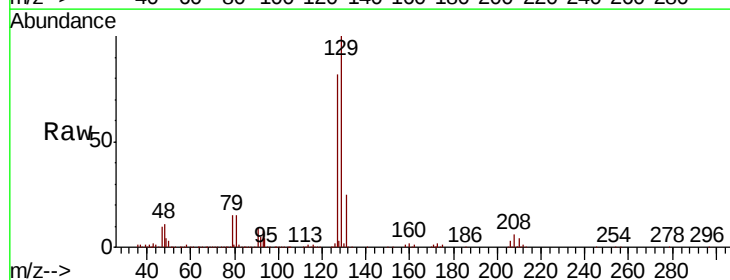
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

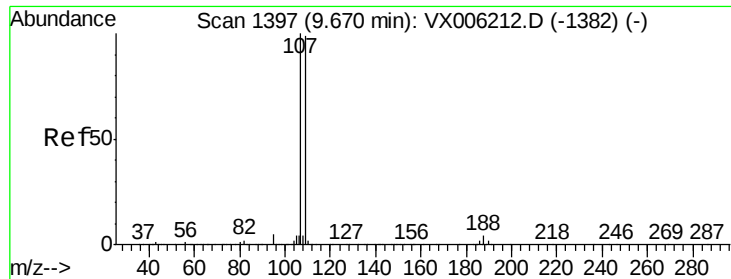
Tot Ion: 43 Resp: 610495
Ion Ratio Lower Upper
43 100
58 57.1 27.7 83.1



#60
Dibromochloromethane
Concen: 17.253 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

Tgt Ion: 129 Resp: 120903
Ion Ratio Lower Upper
129 100
127 79.4 38.6 115.8

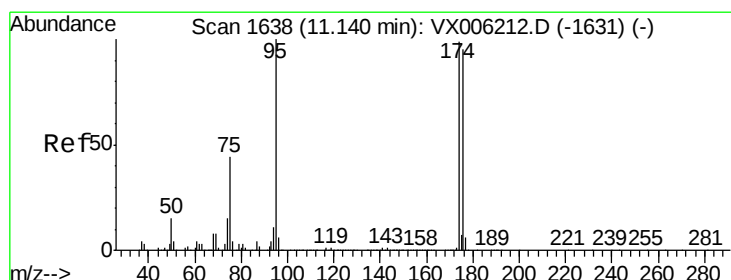
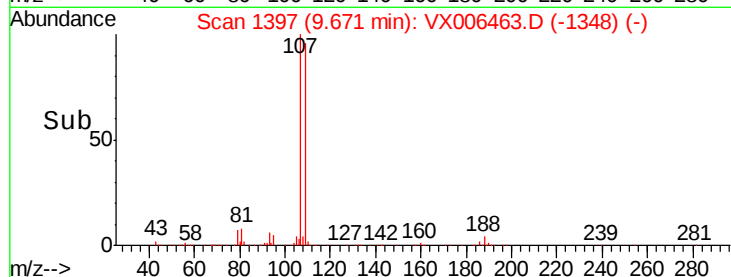
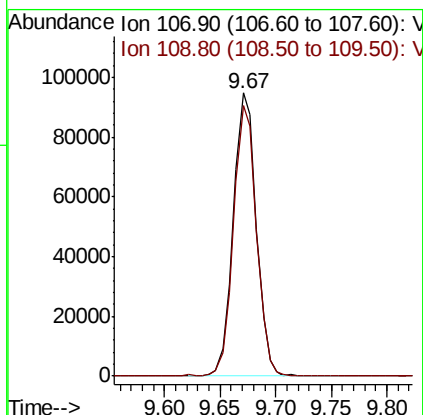
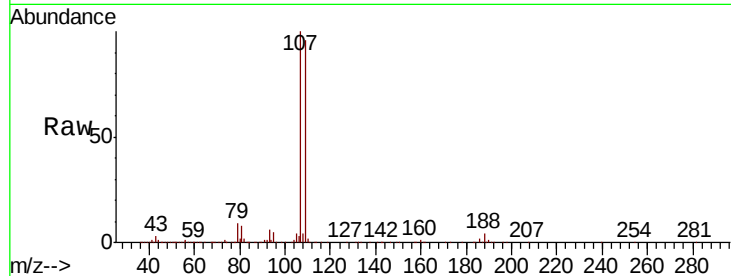




#61
 1,2-Dibromoethane
 Concen: 21.268 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

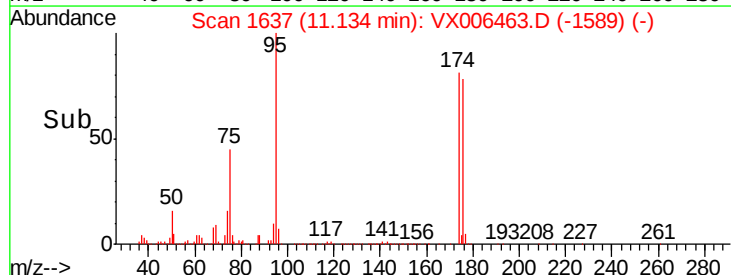
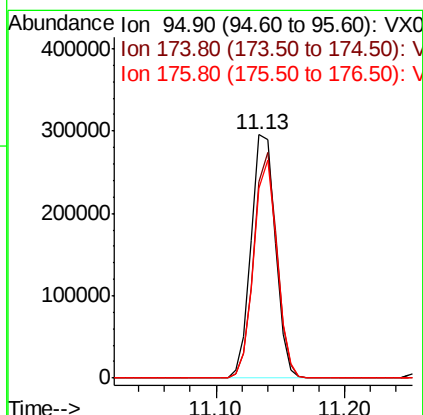
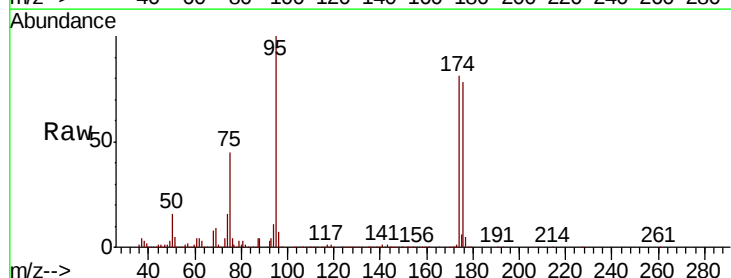
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

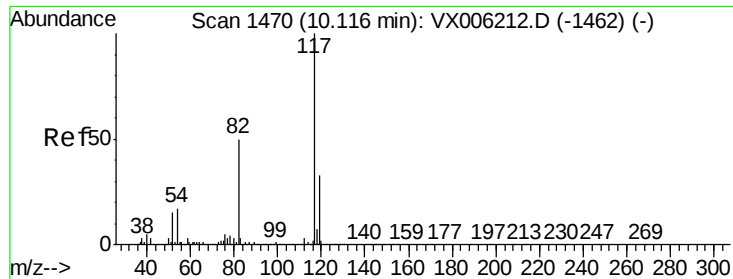
Tot Ion: 107 Resp: 135146
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 51.109 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

Tgt Ion: 95 Resp: 382381
 Ion Ratio Lower Upper
 95 100
 174 88.3 0.0 187.0
 176 86.2 0.0 181.8

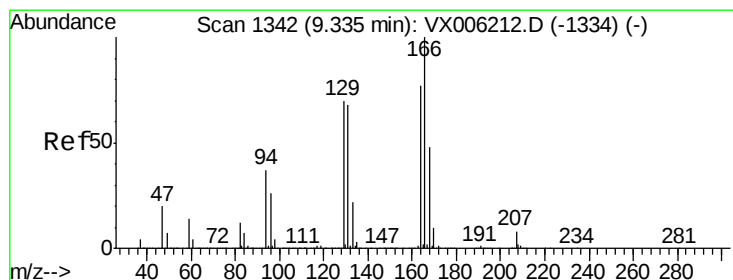
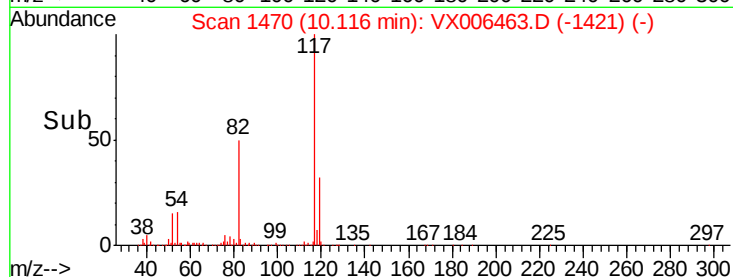
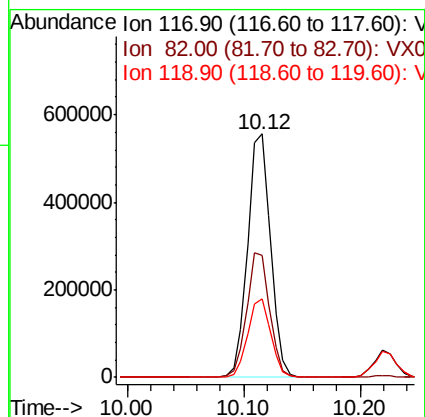
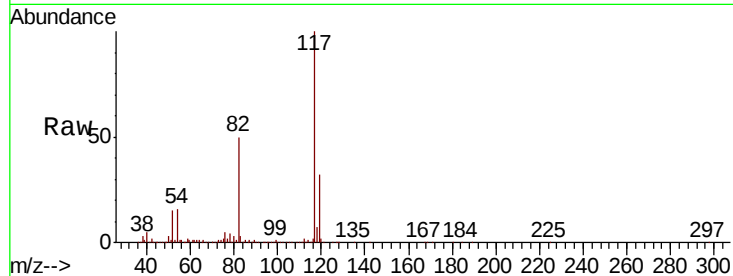




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

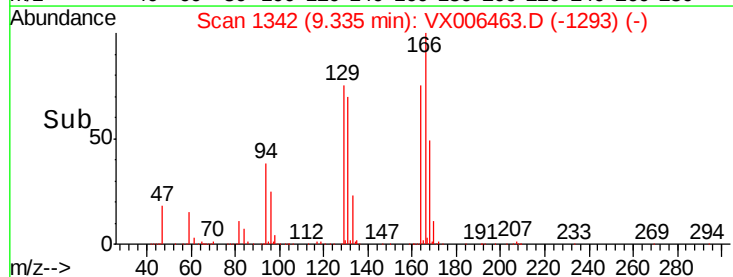
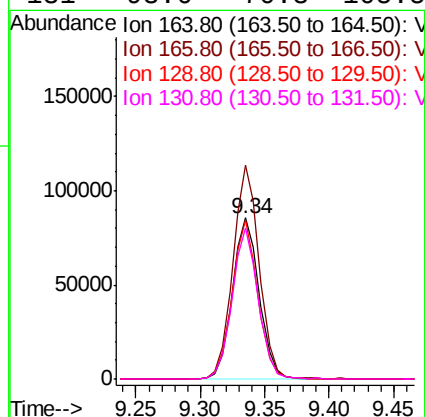
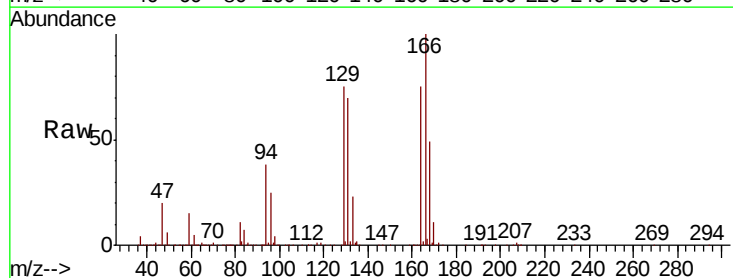
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

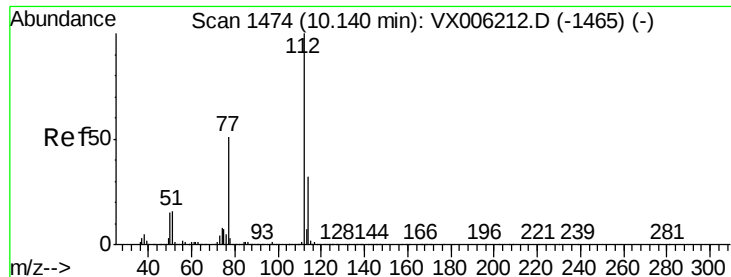
Tot Ion:117 Resp: 767709
Ion Ratio Lower Upper
117 100
82 50.0 39.6 59.4
119 32.2 26.3 39.5



#64
Tetrachloroethene
Concen: 21.380 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

Tgt Ion:164 Resp: 123610
Ion Ratio Lower Upper
164 100
166 132.9 104.2 156.2
129 99.0 72.6 108.8
131 93.6 70.3 105.5

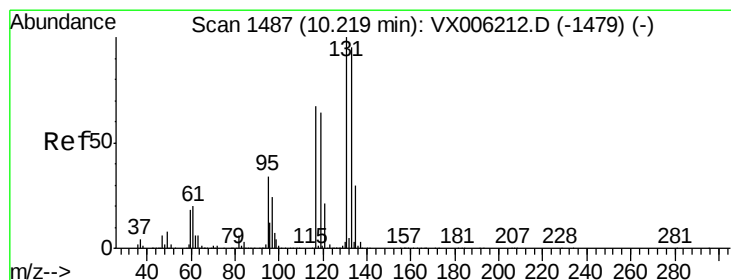
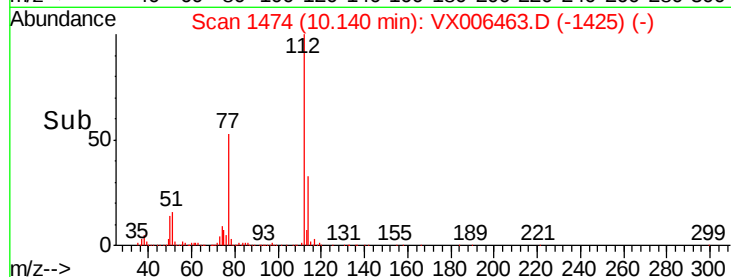
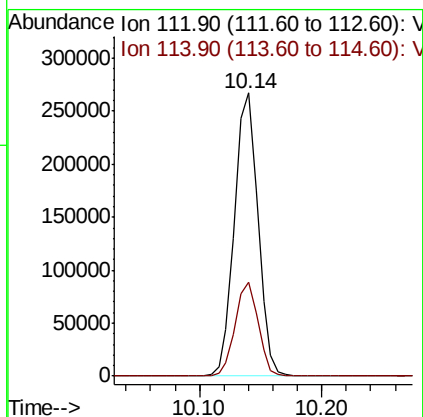
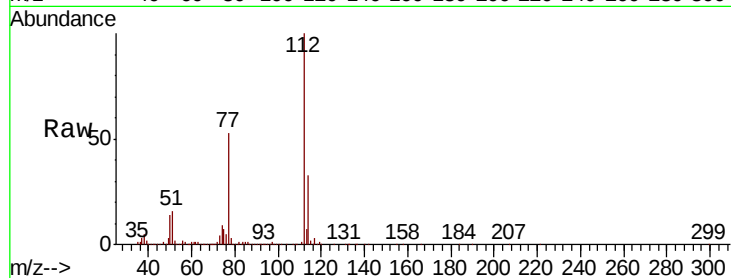




#65
Chlorobenzene
Concen: 21.735 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

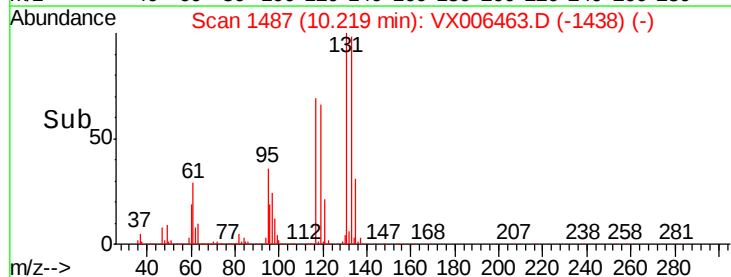
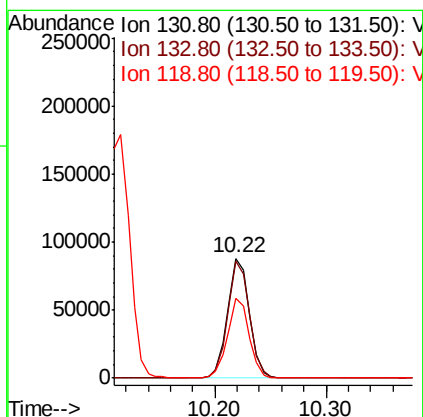
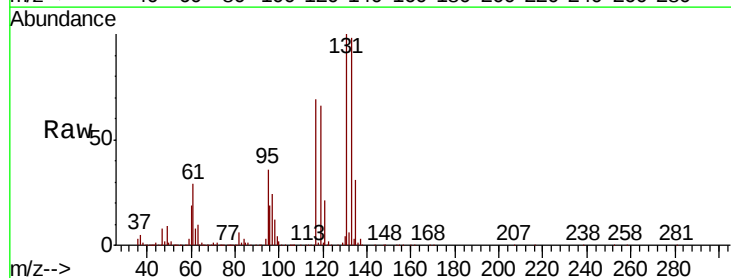
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

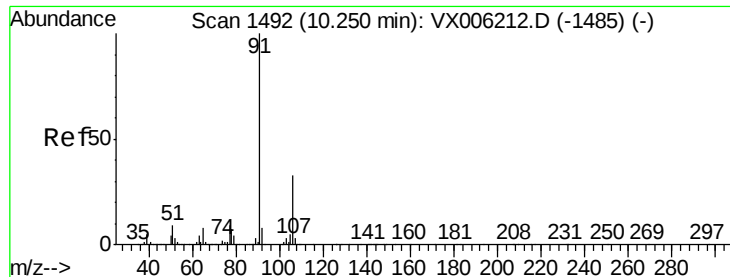
Tot Ion:112 Resp: 354210
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.815 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

Tgt Ion:131 Resp: 119134
Ion Ratio Lower Upper
131 100
133 97.5 48.1 144.4
119 66.3 32.1 96.3





#67

Ethyl Benzene

Concen: 21.310 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

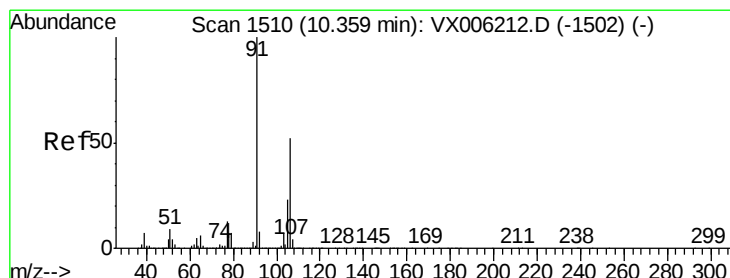
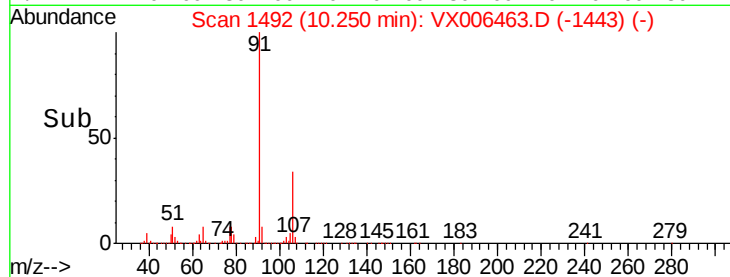
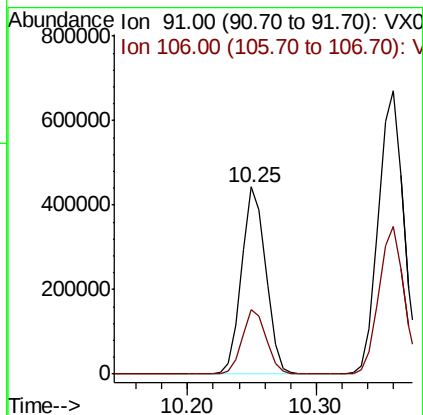
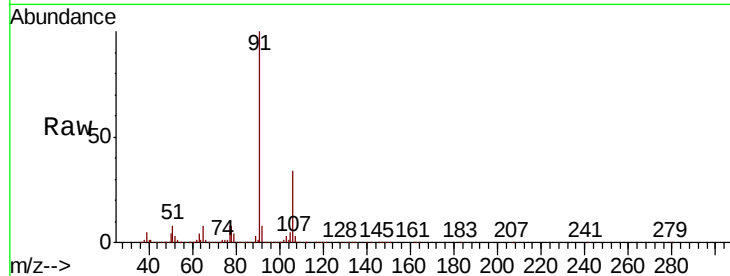
VX1212WBS02

Tot Ion: 91 Resp: 577605

Ion Ratio Lower Upper

91 100

106 34.3 26.5 39.7



#68

m/p-Xylenes

Concen: 43.334 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006463.D

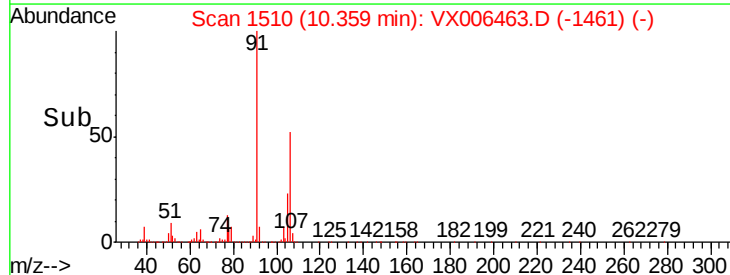
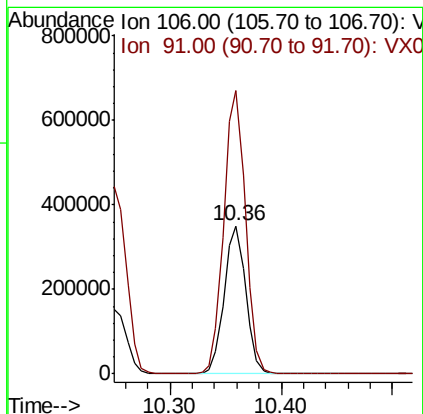
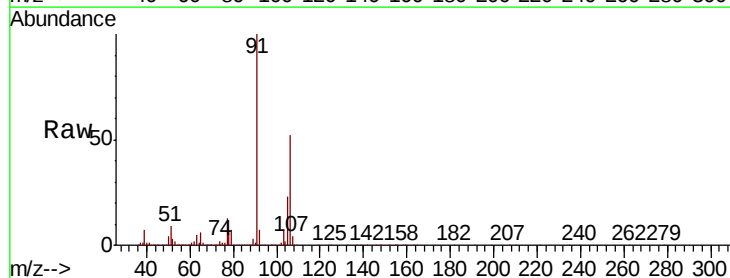
Acq: 13 Dec 2018 00:12

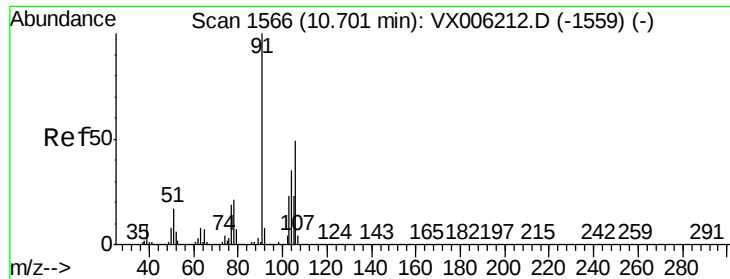
Tgt Ion: 106 Resp: 470496

Ion Ratio Lower Upper

106 100

91 191.7 155.2 232.8

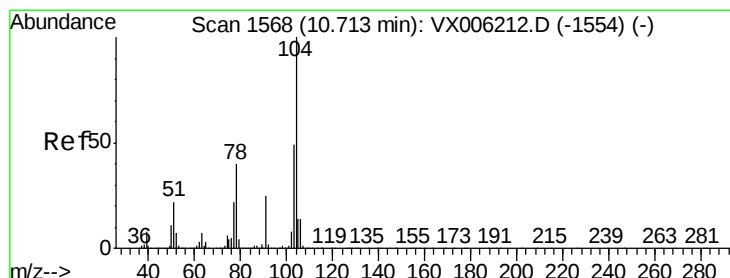
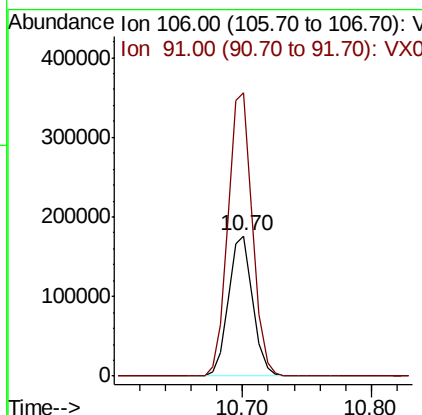
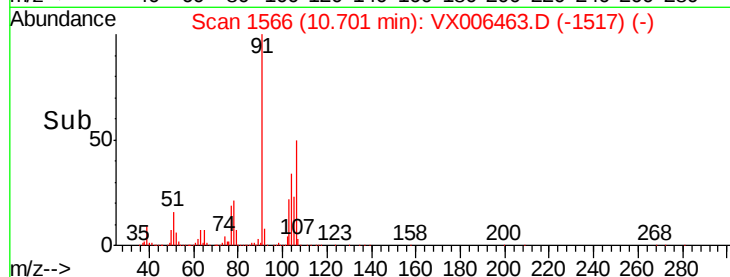
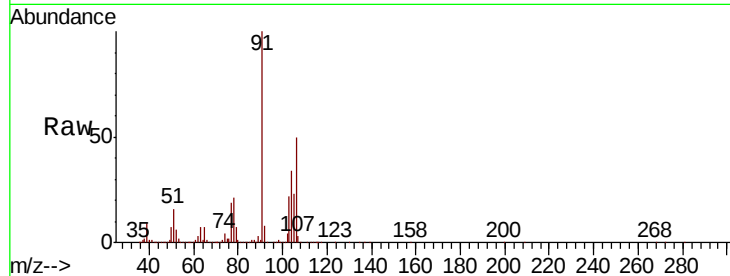




#69
o-Xylene
Concen: 21.668 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

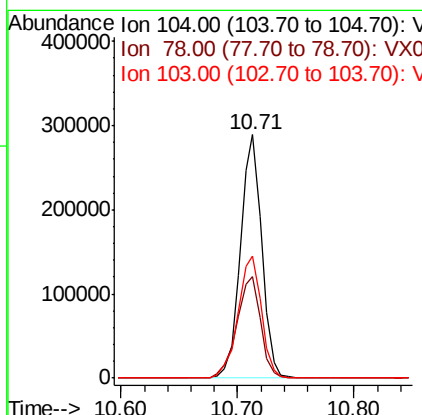
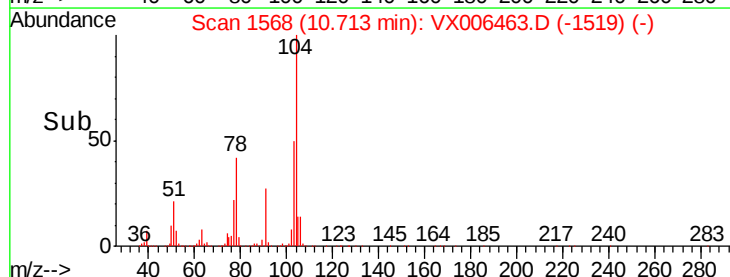
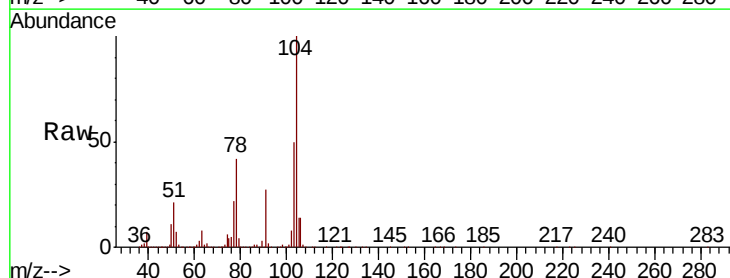
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

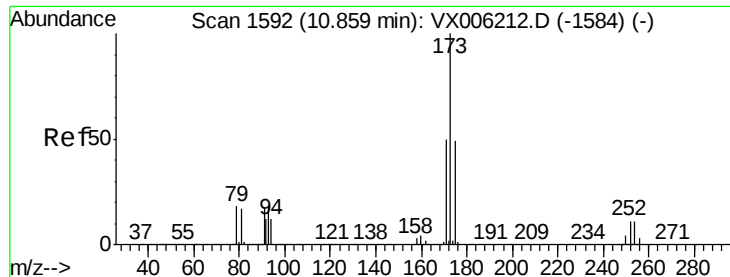
Tot Ion:106 Resp: 232380
Ion Ratio Lower Upper
106 100
91 204.0 101.8 305.6



#70
Styrene
Concen: 21.275 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

Tgt Ion:104 Resp: 369020
Ion Ratio Lower Upper
104 100
78 46.9 37.2 55.8
103 55.3 43.5 65.3





#71

Bromoform

Concen: 15.200 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

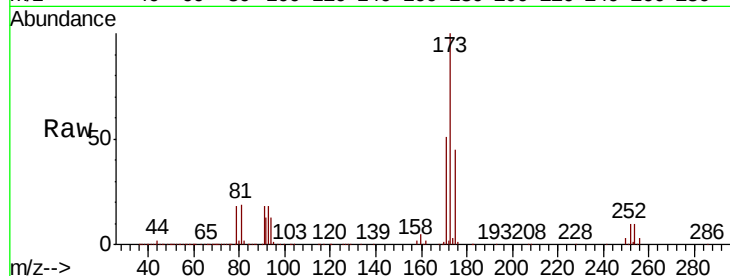
Tot Ion:173 Resp: 90852

Ion Ratio Lower Upper

173 100

175 47.0 24.6 73.8

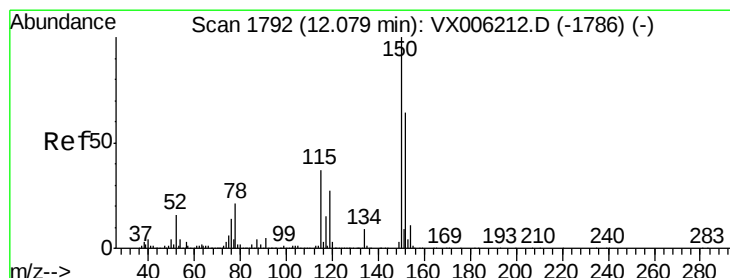
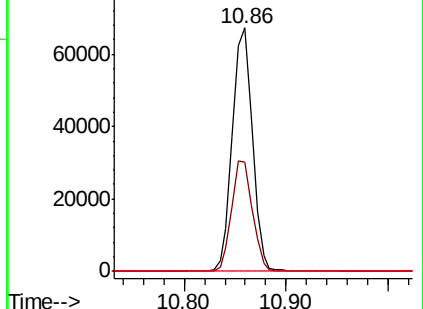
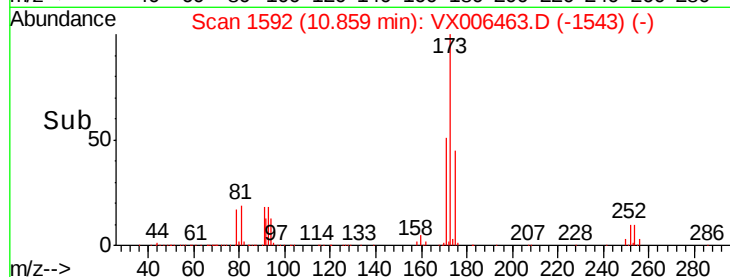
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

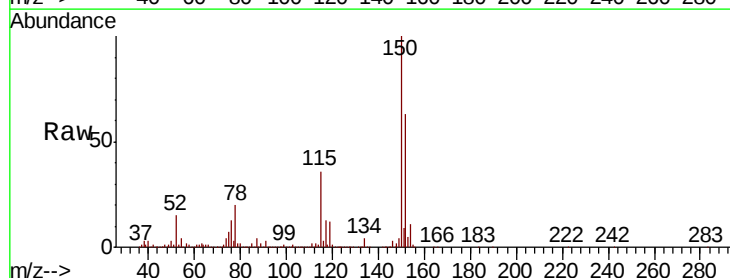
Tgt Ion:152 Resp: 402512

Ion Ratio Lower Upper

152 100

115 65.8 39.0 116.9

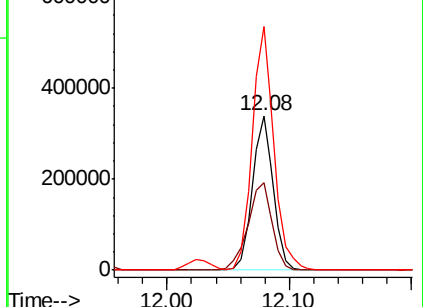
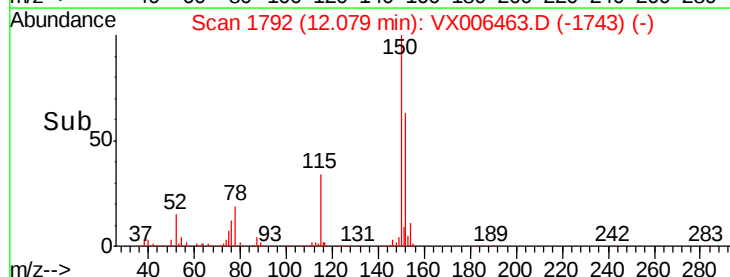
150 163.9 0.0 345.8

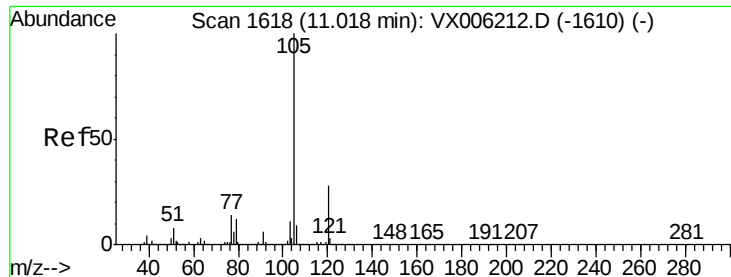


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.854 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

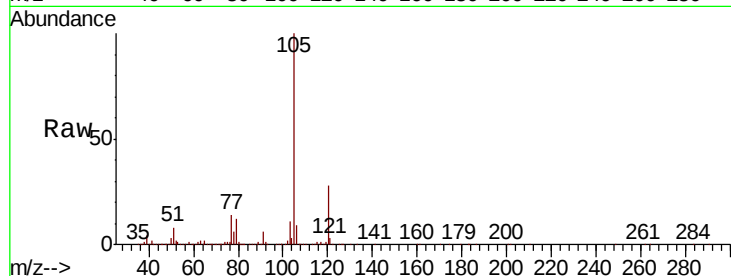
VX1212WBS02

Tot Ion:105 Resp: 607482

Ion Ratio Lower Upper

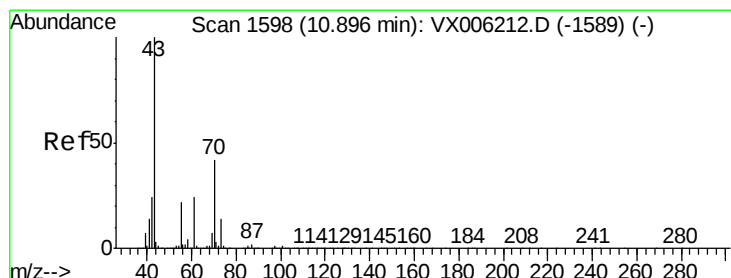
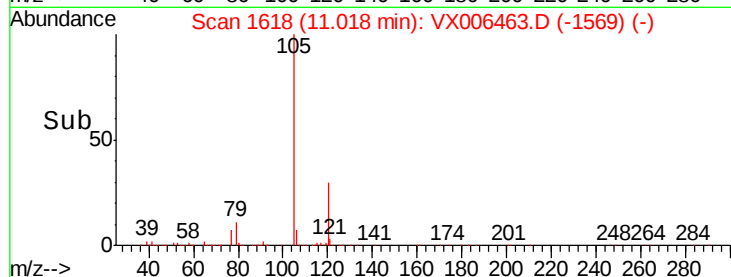
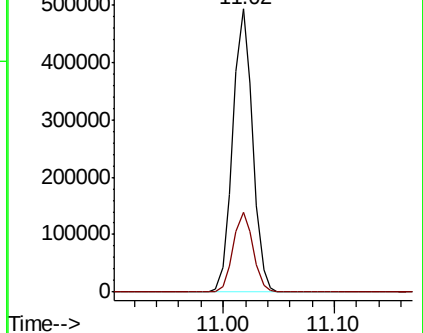
105 100

120 28.4 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-ethyl acetate

Concen: 19.273 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Tgt Ion: 43 Resp: 230702

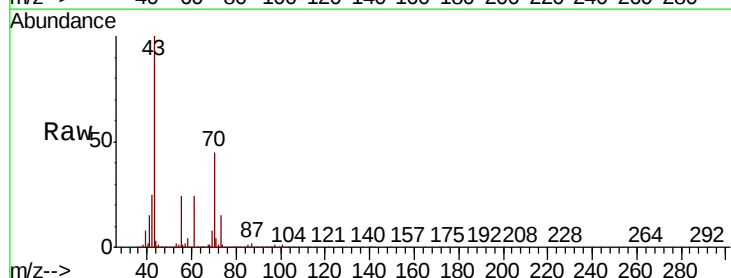
Ion Ratio Lower Upper

43 100

70 45.0 34.1 51.1

55 24.1 17.8 26.8

61 25.6 19.7 29.5

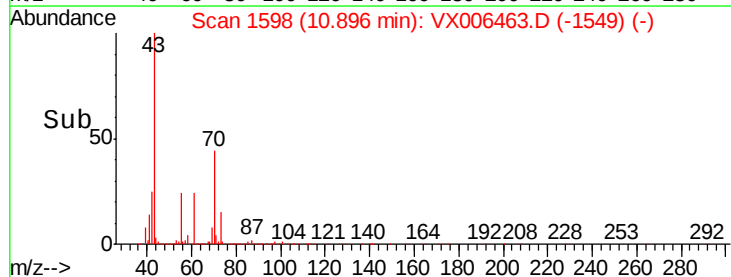
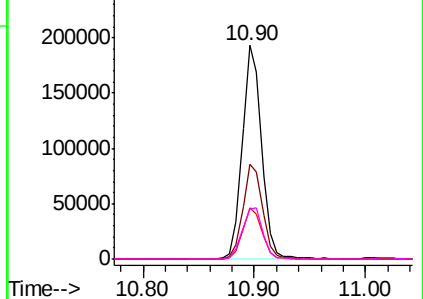


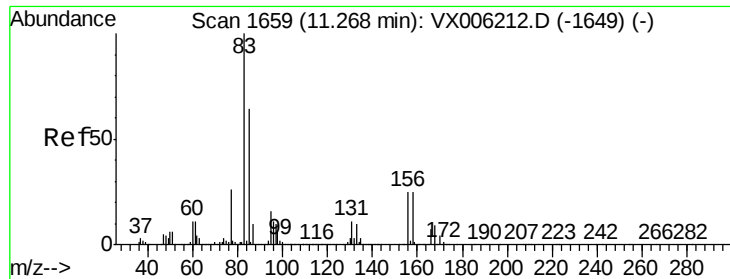
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.358 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

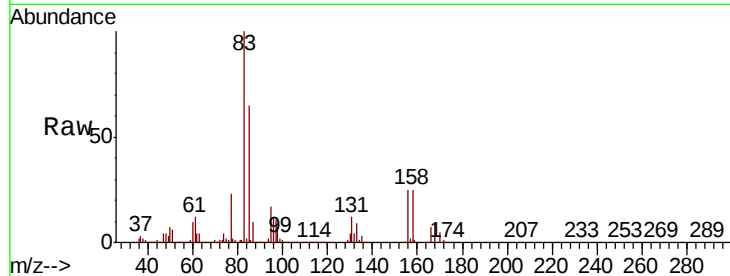
Tot Ion: 83 Resp: 189933

Ion Ratio Lower Upper

83 100

131 11.6 5.7 17.1

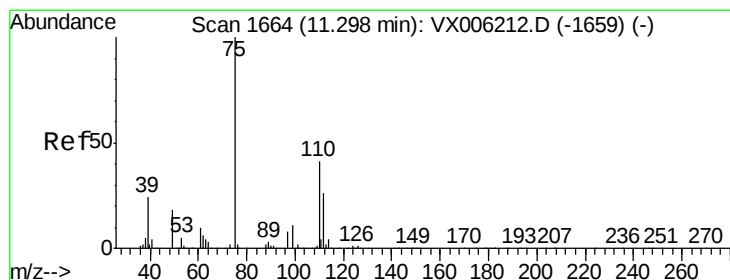
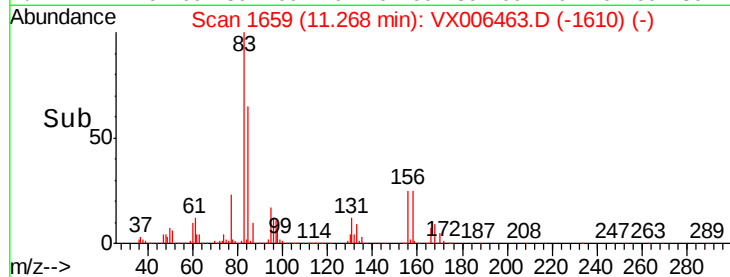
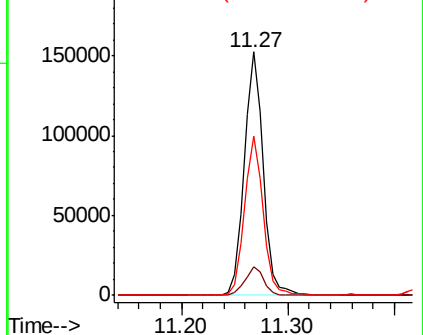
85 64.8 32.1 96.5



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: 26.740 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006463.D

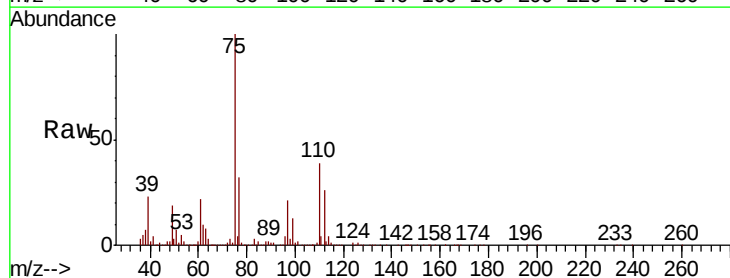
Acq: 13 Dec 2018 00:12

Tgt Ion: 75 Resp: 207745

Ion Ratio Lower Upper

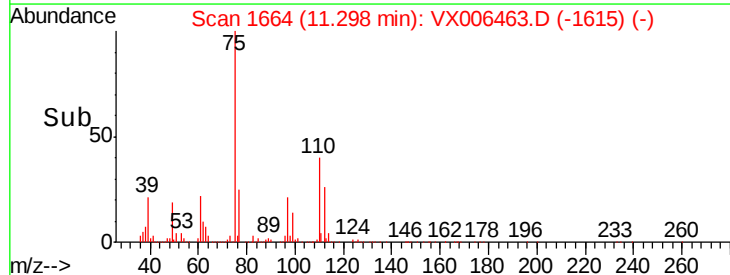
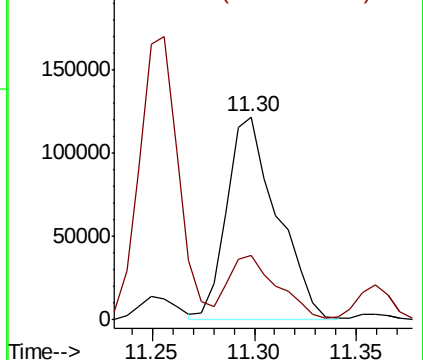
75 100

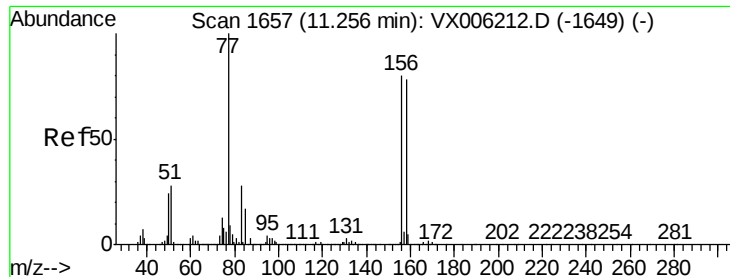
77 30.7 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.103 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

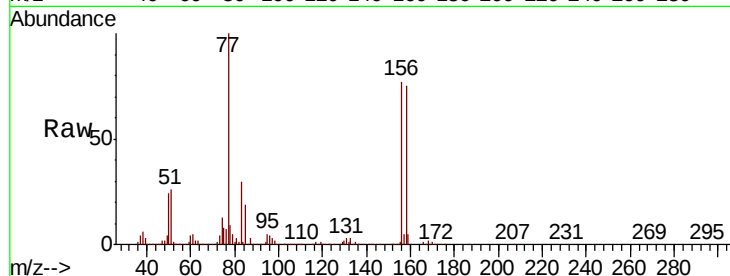
Tot Ion:156 Resp: 162793

Ion Ratio Lower Upper

156 100

77 138.3 66.2 198.6

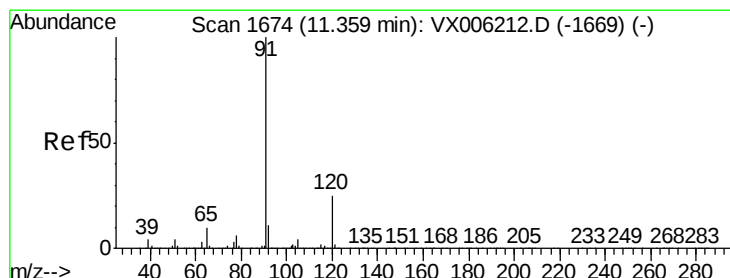
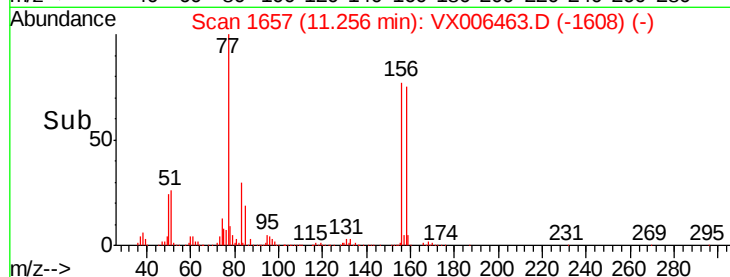
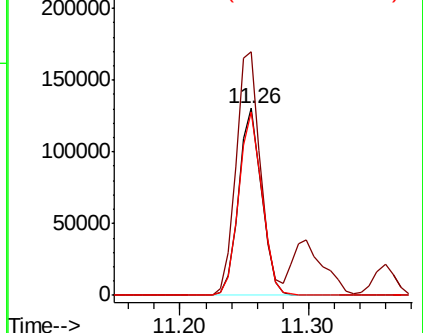
158 98.6 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.302 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006463.D

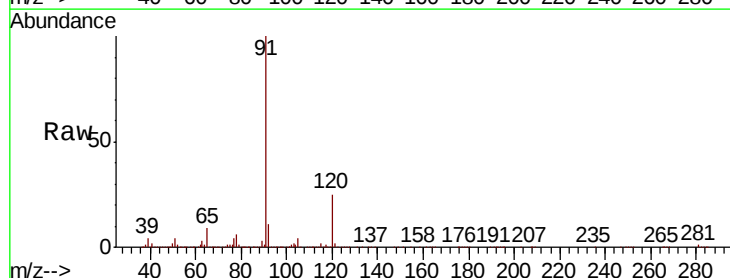
Acq: 13 Dec 2018 00:12

Tgt Ion: 91 Resp: 658223

Ion Ratio Lower Upper

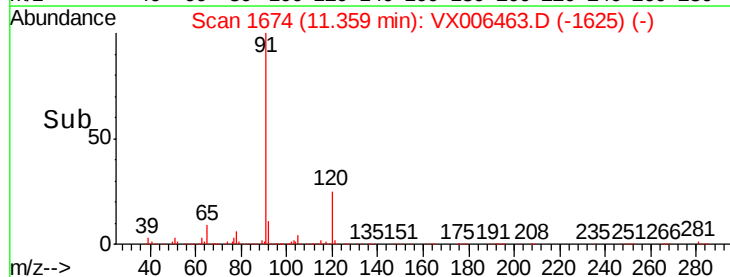
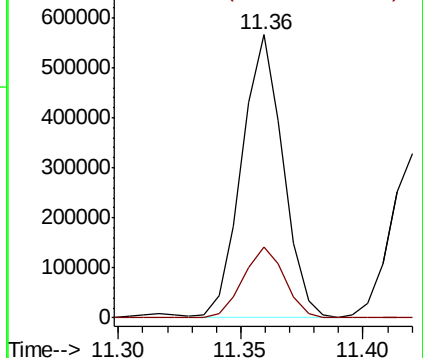
91 100

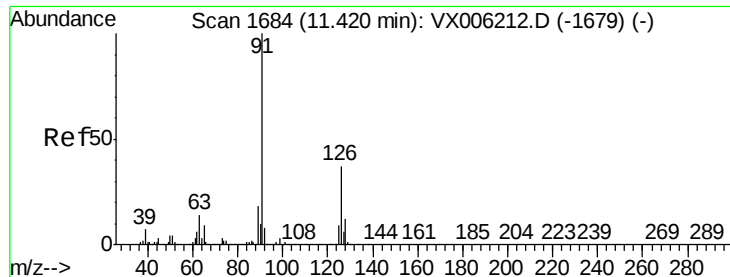
120 25.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.924 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

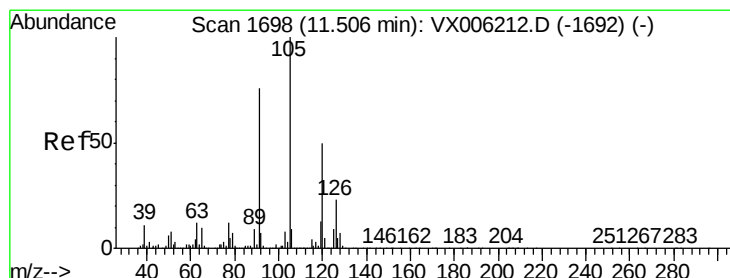
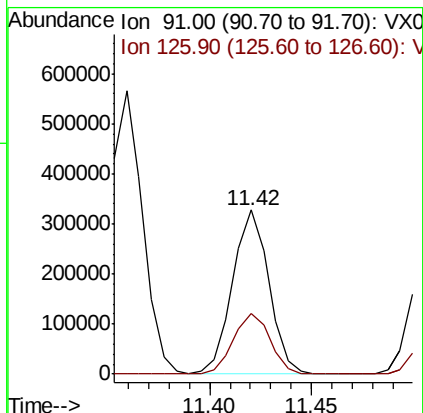
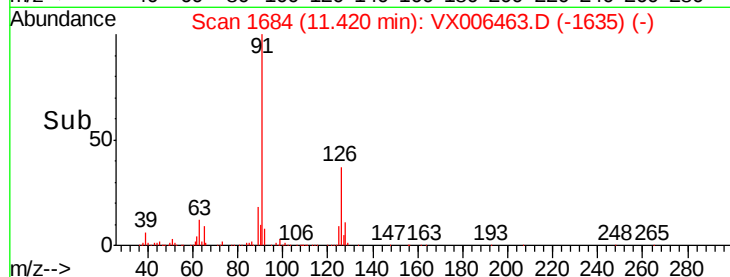
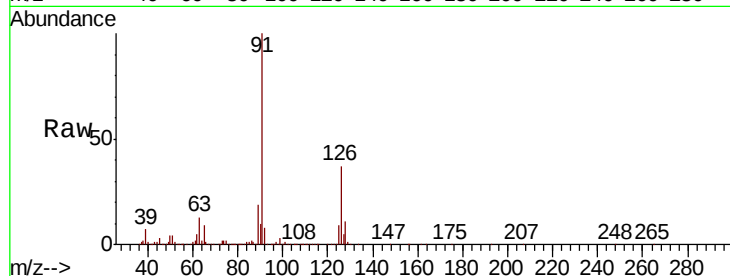
VX1212WBS02

Tot Ion: 91 Resp: 402640

Ion Ratio Lower Upper

91 100

126 37.6 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 21.448 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006463.D

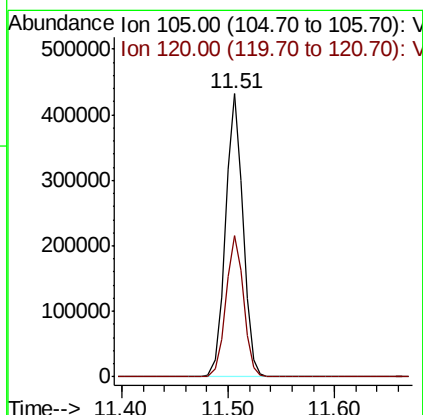
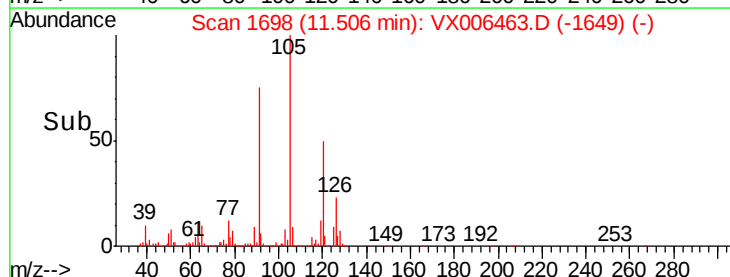
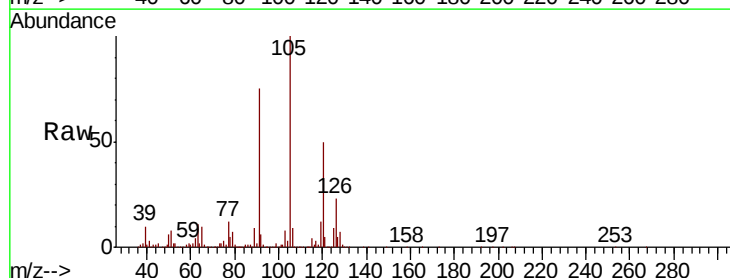
Acq: 13 Dec 2018 00:12

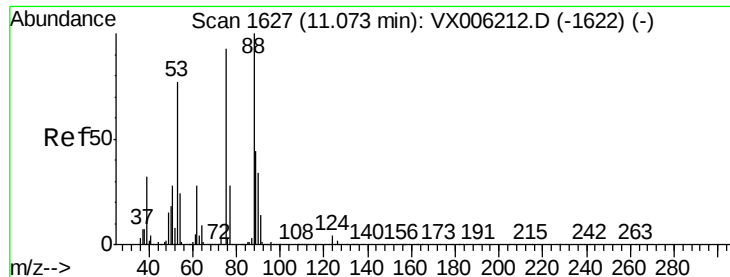
Tgt Ion: 105 Resp: 496056

Ion Ratio Lower Upper

105 100

120 50.3 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 13.758 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

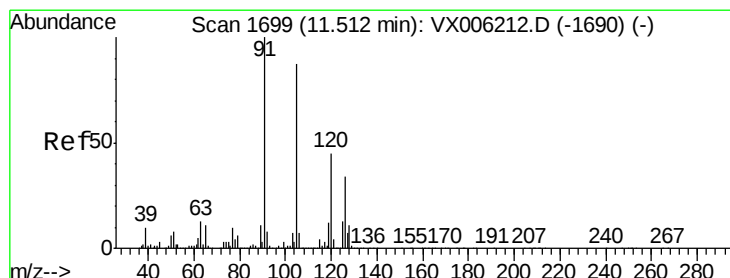
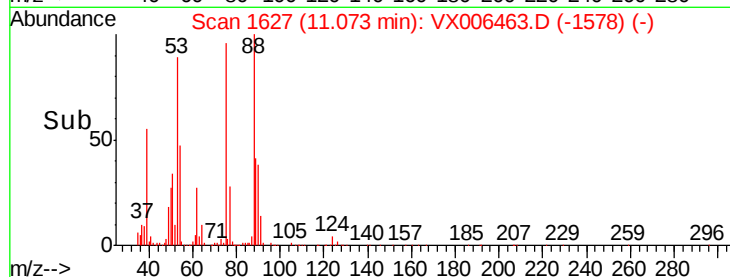
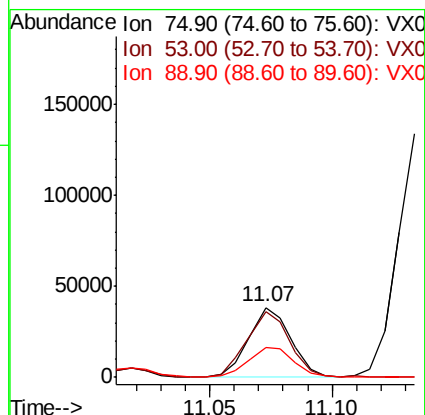
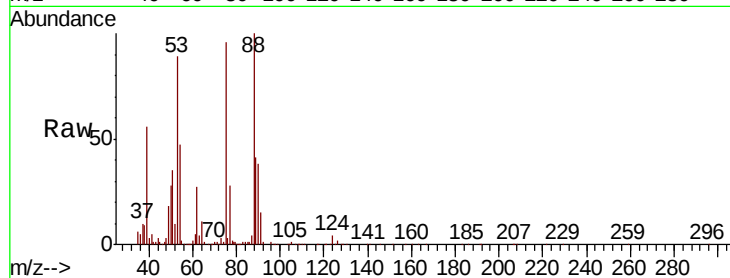
Tot Ion: 75 Resp: 45547

Ion Ratio Lower Upper

75 100

53 98.2 64.4 96.6#

89 47.8 44.2 66.4



#82

4-Chlorotoluene

Concen: 21.273 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006463.D

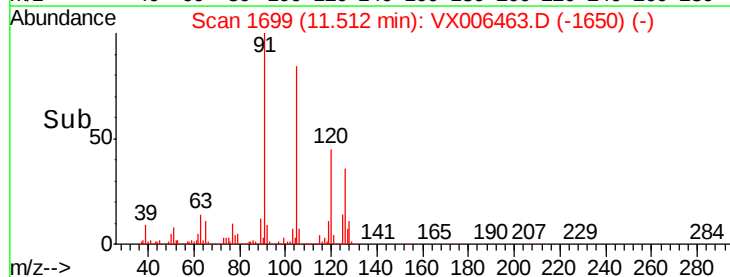
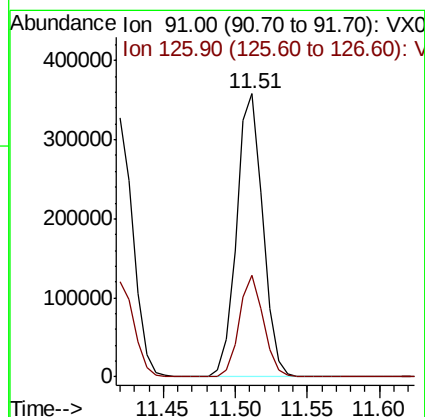
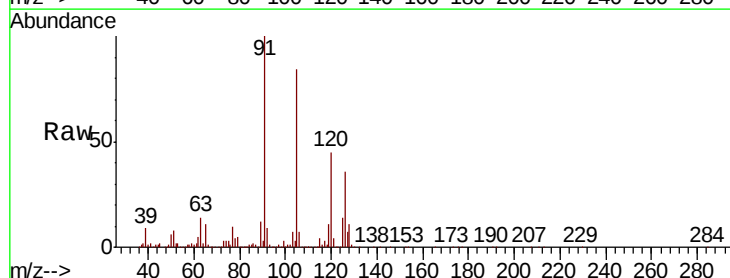
Acq: 13 Dec 2018 00:12

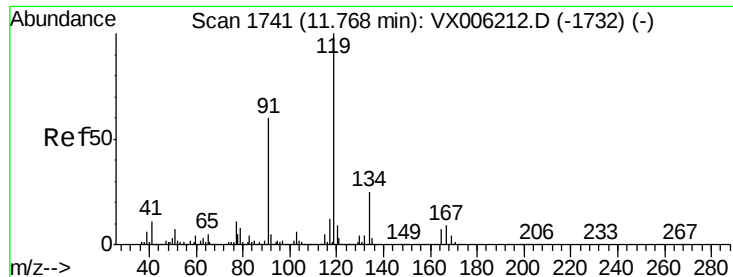
Tgt Ion: 91 Resp: 454225

Ion Ratio Lower Upper

91 100

126 33.5 16.4 49.4

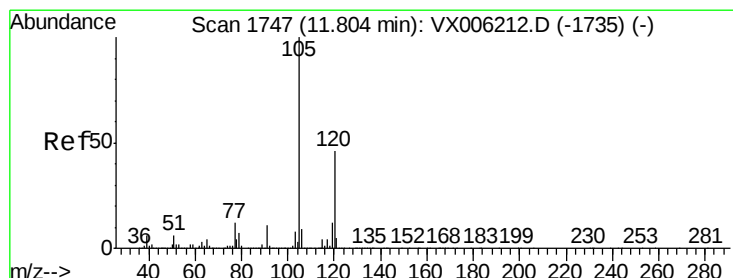
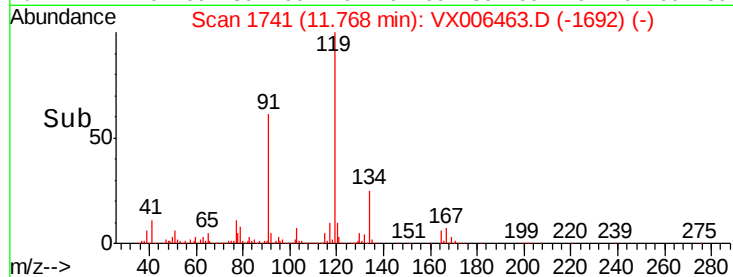
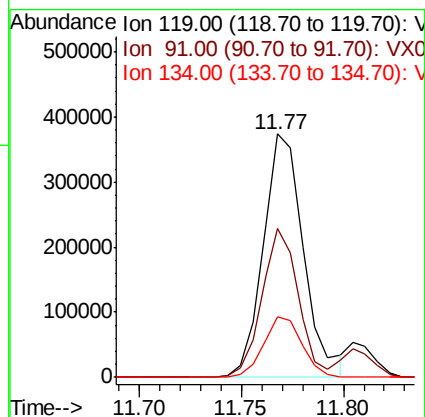
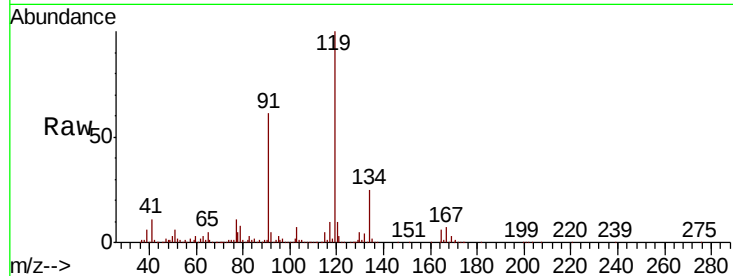




#83
tert-Butylbenzene
Concen: 20.865 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

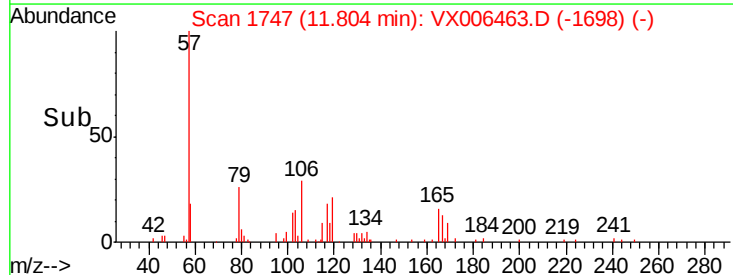
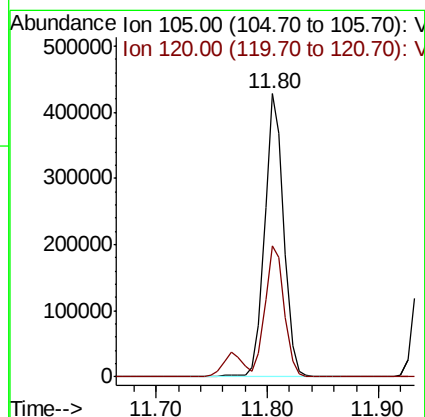
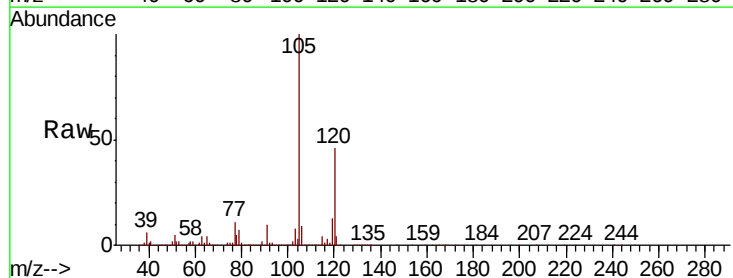
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

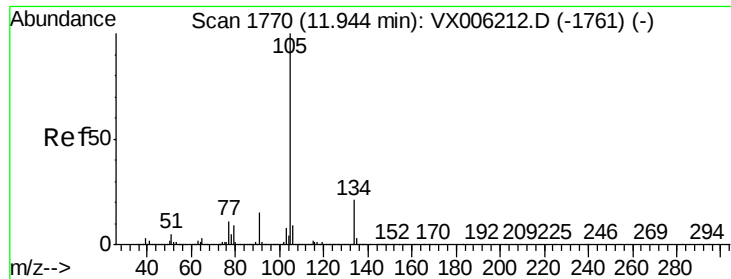
Tot Ion:119 Resp: 514872
Ion Ratio Lower Upper
119 100
91 55.2 26.4 79.2
134 23.8 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 21.450 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006463.D
Acq: 13 Dec 2018 00:12

Tgt Ion:105 Resp: 512265
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.0





#85

sec-Butylbenzene

Concen: 21.439 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

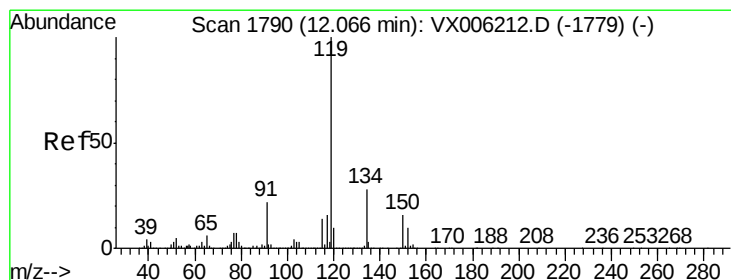
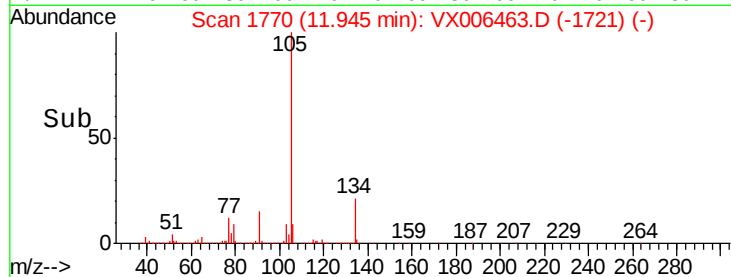
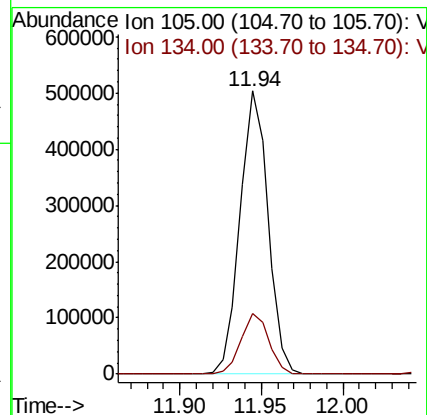
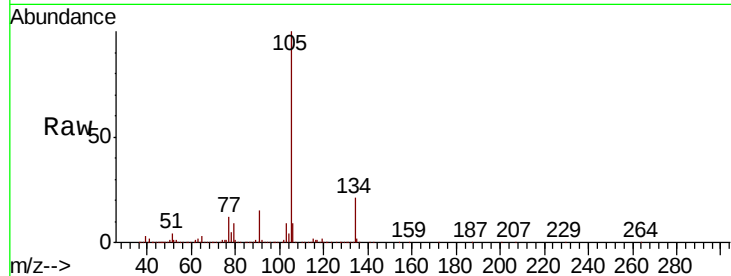
VX1212WBS02

Tot Ion:105 Resp: 601850

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4



#86

p-Isopropyltoluene

Concen: 21.189 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

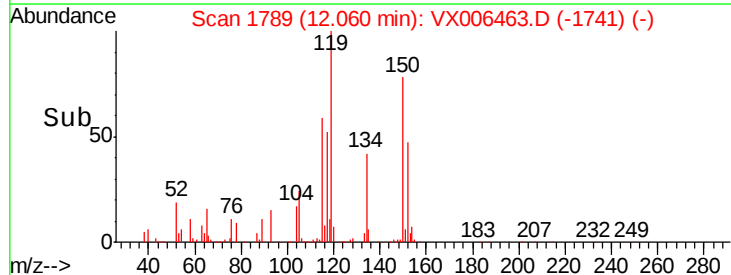
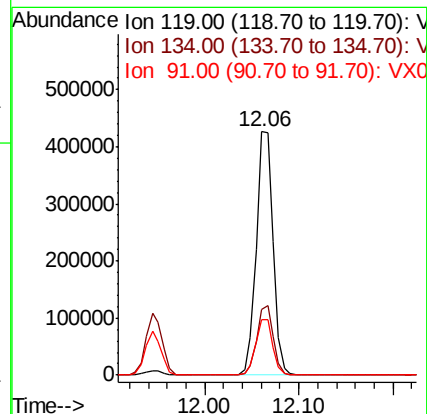
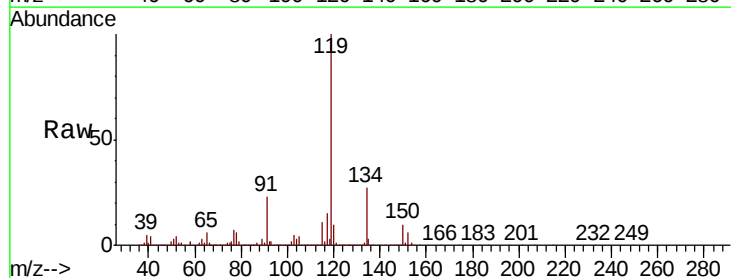
Tgt Ion:119 Resp: 535626

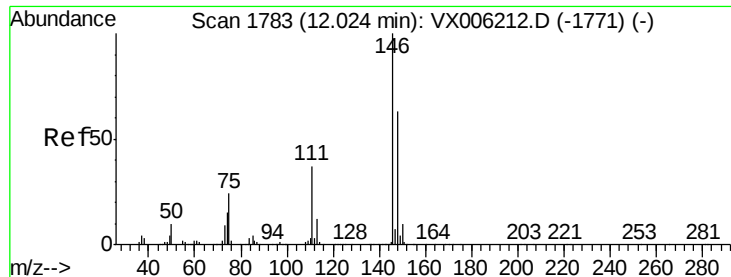
Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.6

91 23.0 11.3 33.8

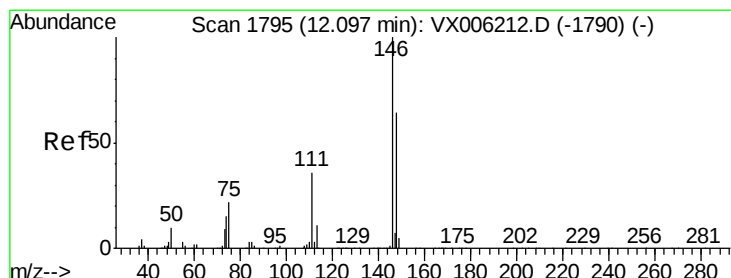
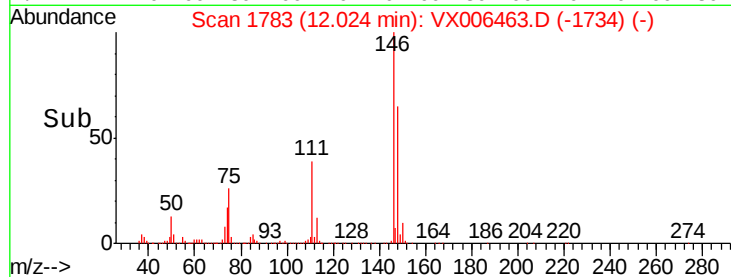
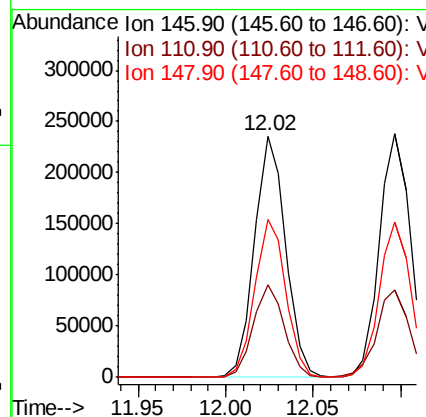
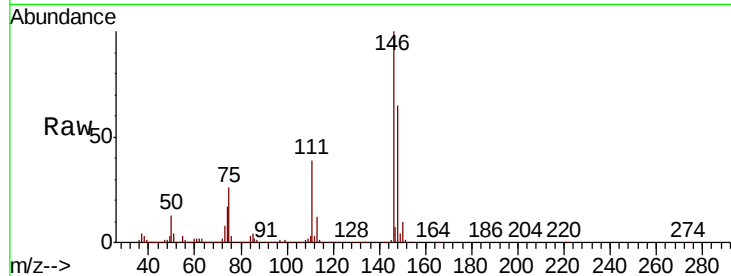




#87
 1,3-Dichlorobenzene
 Concen: 21.315 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

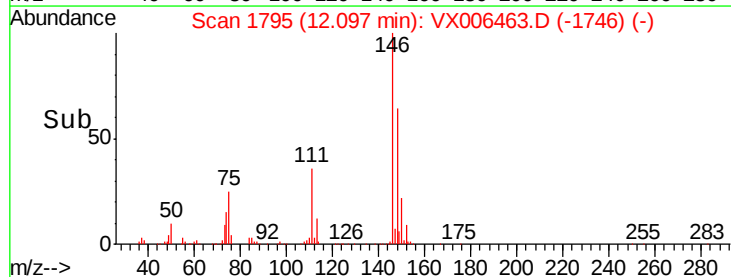
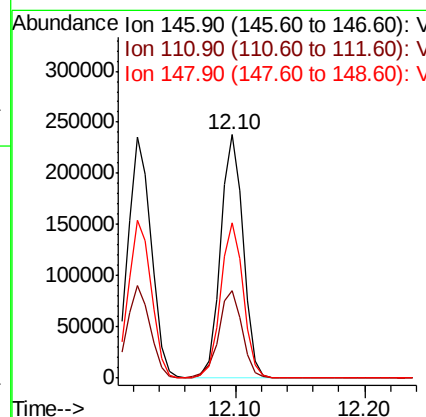
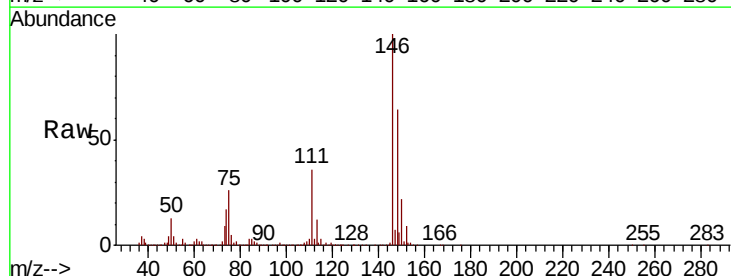
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

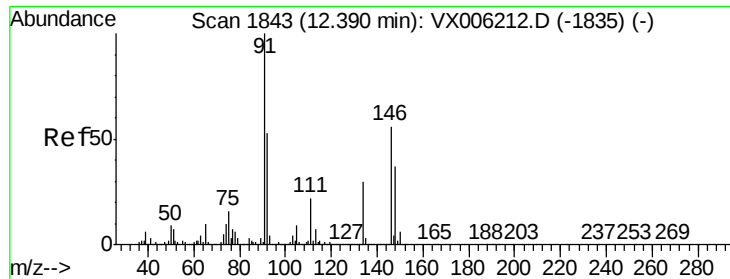
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.4	55.2
148	64.9	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 21.126 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.3	54.8
148	64.5	31.9	95.9





#89

n-Butylbenzene

Concen: 20.297 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

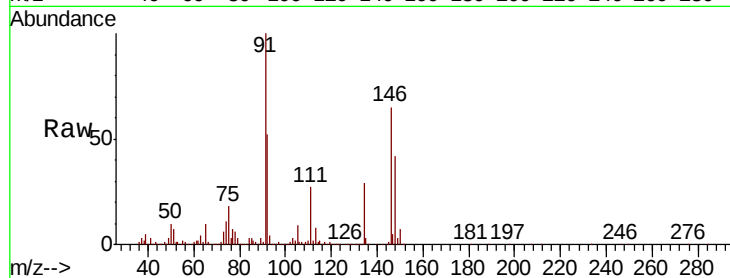
Tot Ion: 91 Resp: 437785

Ion Ratio Lower Upper

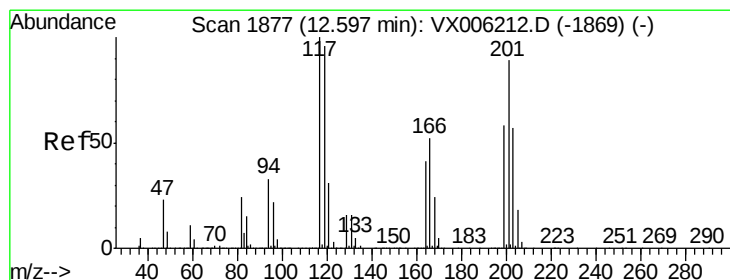
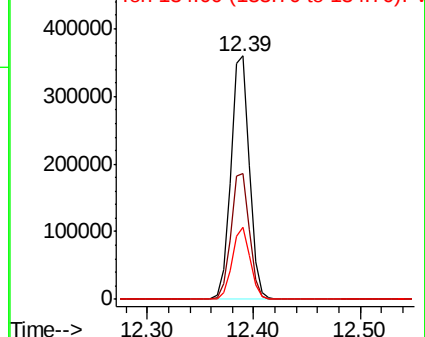
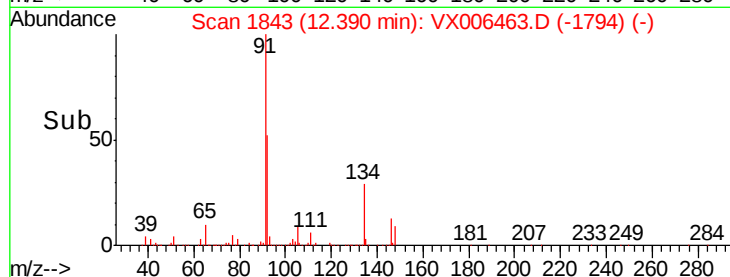
91 100

92 52.1 26.6 79.8

134 28.6 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX006463.D (-1794) (-)



#90

Hexachloroethane

Concen: 16.180 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006463.D

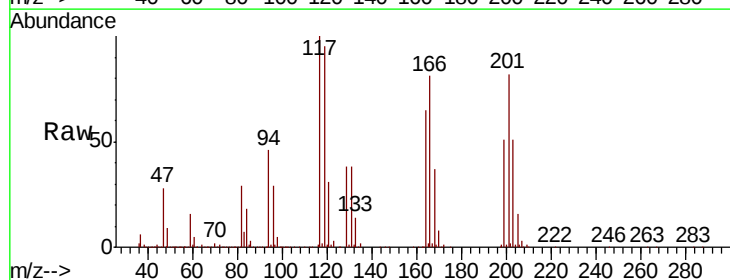
Acq: 13 Dec 2018 00:12

Tgt Ion: 117 Resp: 83361

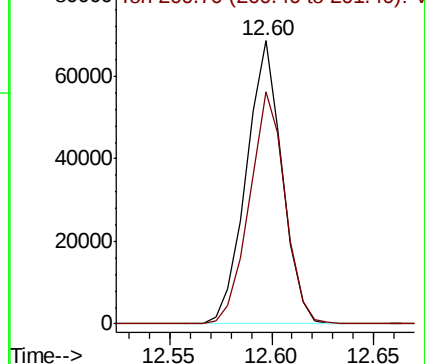
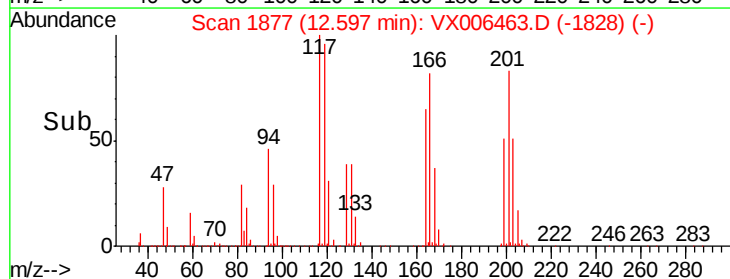
Ion Ratio Lower Upper

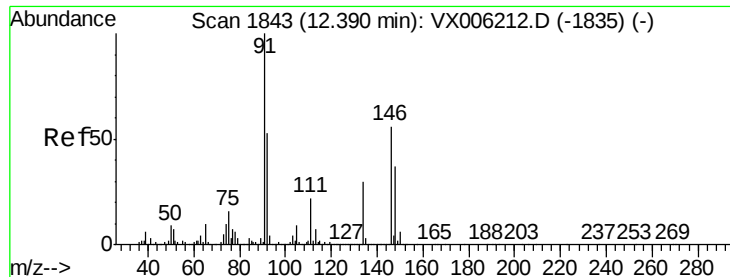
117 100

201 81.9 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): VX006463.D (-1828) (-)





#91

1,2-Dichlorobenzene

Concen: 21.645 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

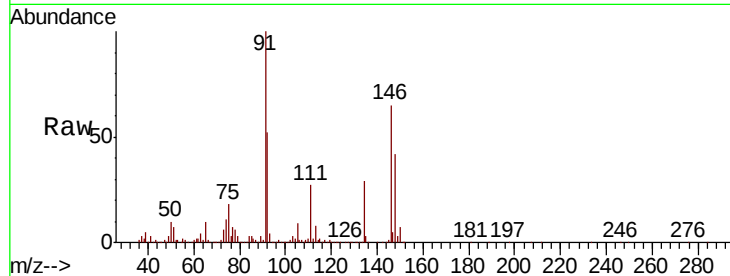
Tot Ion:146 Resp: 294872

Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.3

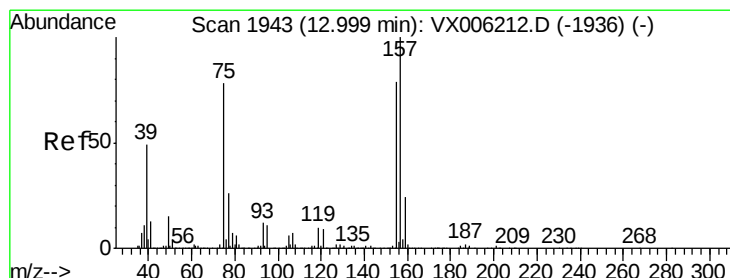
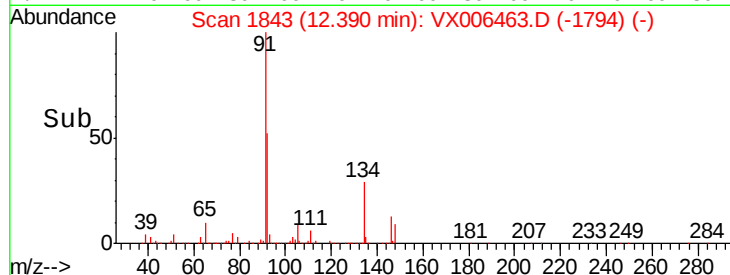
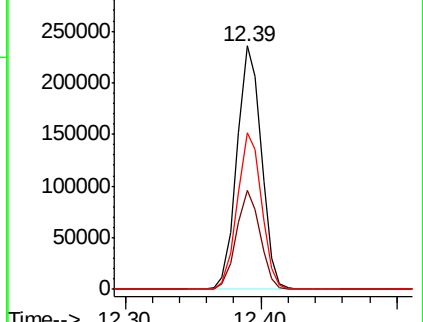
148 64.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.278 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

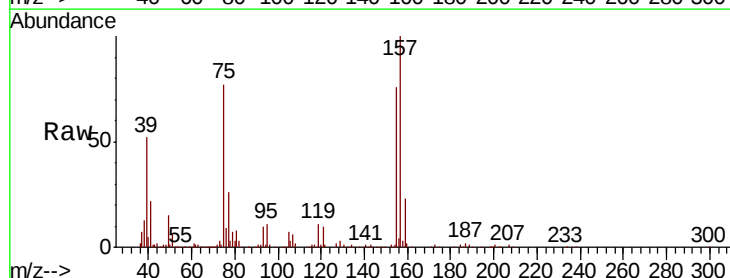
Tgt Ion: 75 Resp: 39386

Ion Ratio Lower Upper

75 100

155 101.1 53.4 160.3

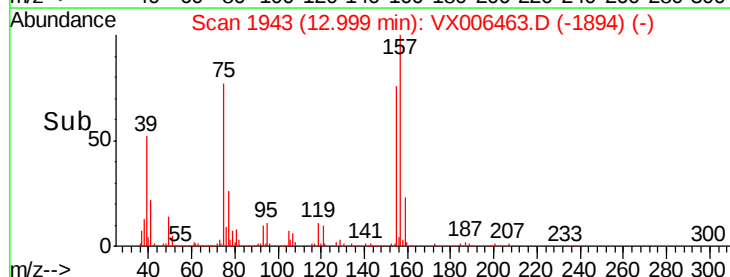
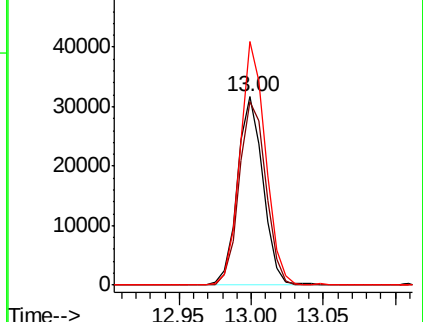
157 126.7 68.0 203.8

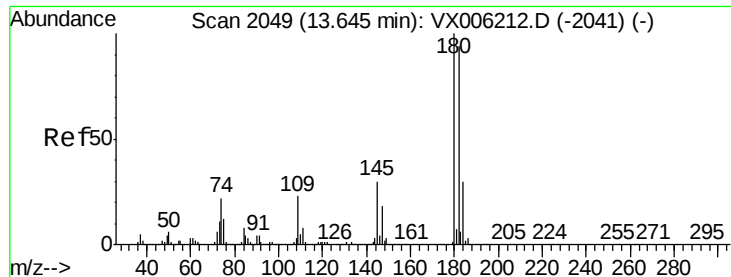


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

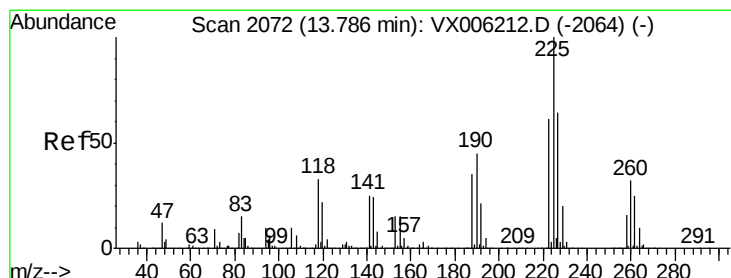
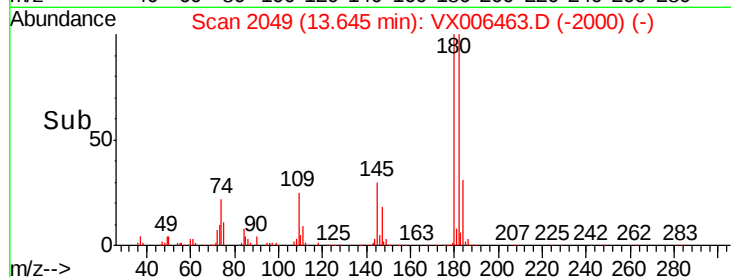
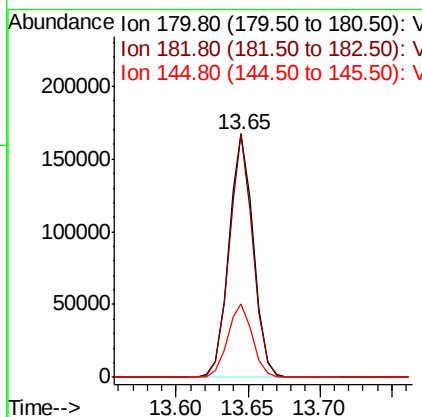
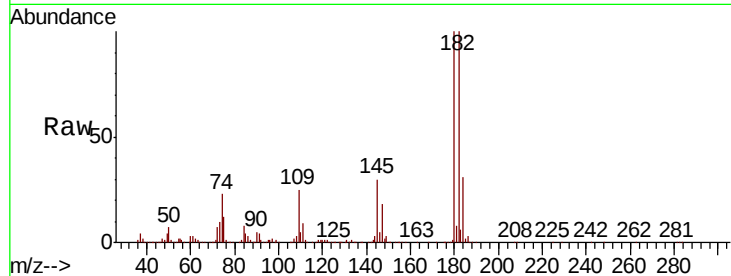




#93
 1,2,4-Trichlorobenzene
 Concen: 20.021 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

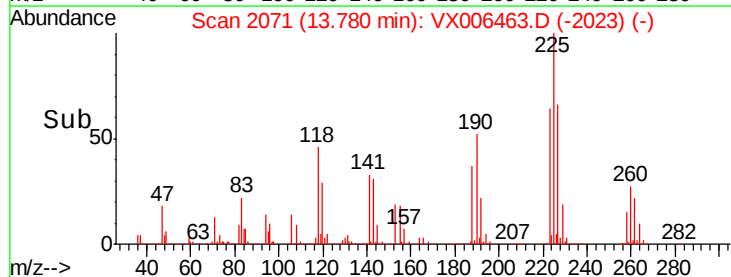
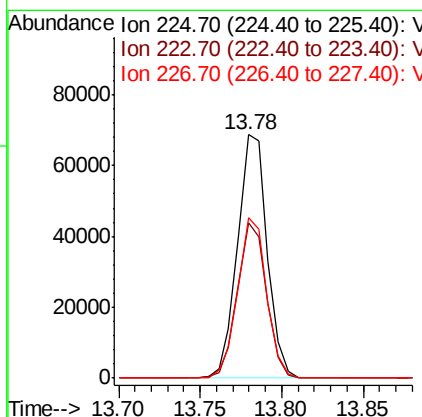
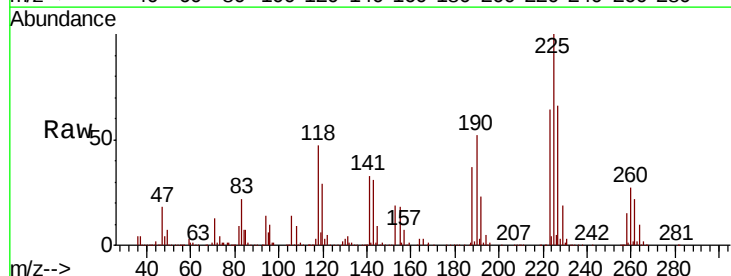
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

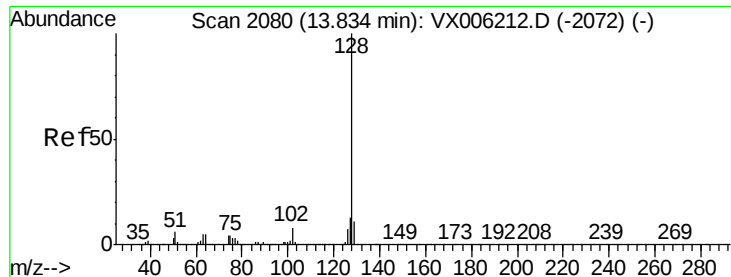
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.3	141.9
145	30.6	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 19.818 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006463.D
 Acq: 13 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.2	93.6
227	64.3	31.9	95.5





#95

Naphthalene

Concen: 21.066 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

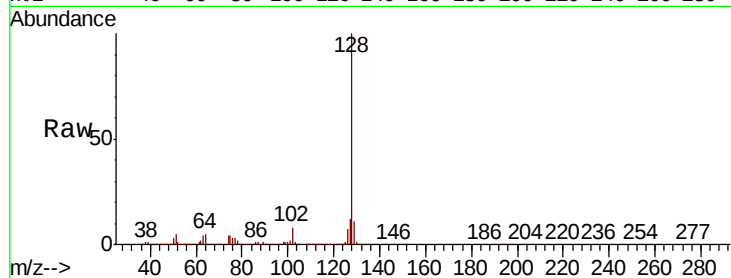
Tot Ion:128 Resp: 651273

Ion Ratio Lower Upper

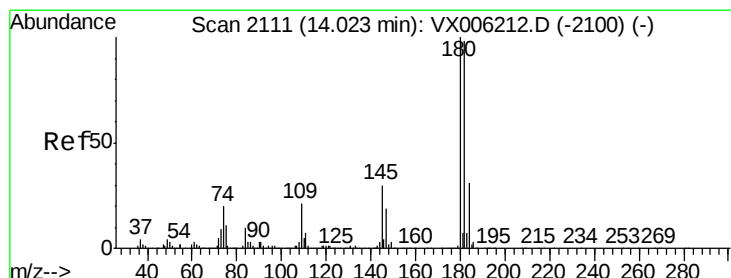
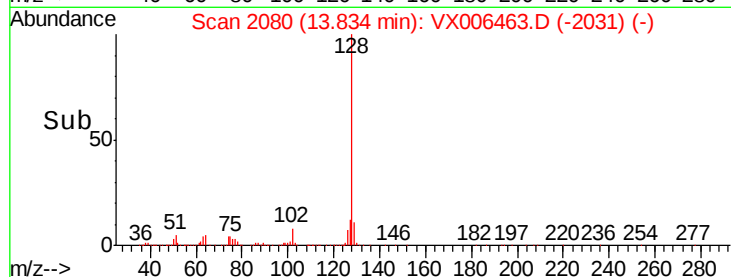
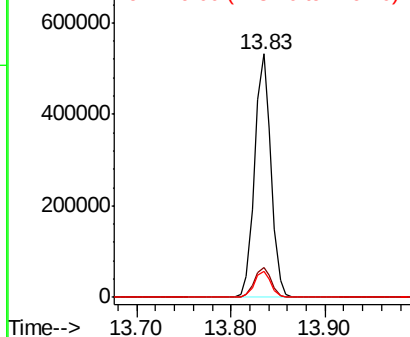
128 100

127 12.8 10.2 15.4

129 10.9 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: 20.473 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006463.D

Acq: 13 Dec 2018 00:12

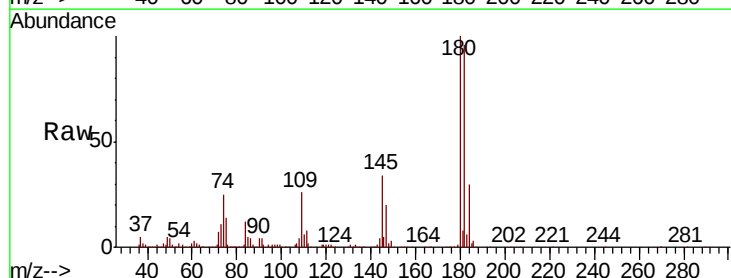
Tgt Ion:180 Resp: 201535

Ion Ratio Lower Upper

180 100

182 95.8 48.4 145.2

145 32.7 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

