

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX112918\
 Data File : VX006211.D
 Acq On : 29 Nov 2018 14:58
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 30 03:40:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:36:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	784118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1171773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1069022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	564383	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	170104	21.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.50%	
35) Dibromofluoromethane	5.51	113	163040	21.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.98%	
50) Toluene-d8	8.71	98	589230	21.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.70%	
62) 4-Bromofluorobenzene	11.13	95	222840	21.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	165628	21.573	ug/l	98
3) Chloromethane	1.33	50	165095	20.925	ug/l	100
4) Vinyl Chloride	1.41	62	177902	20.951	ug/l	99
5) Bromomethane	1.64	94	113037	19.208	ug/l	100
6) Chloroethane	1.73	64	106949	20.542	ug/l	99
7) Trichlorofluoromethane	1.93	101	267359	20.512	ug/l	99
8) Diethyl Ether	2.19	74	98014	19.869	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	147802	19.942	ug/l	100
10) Methyl Iodide	2.51	142	222520	19.922	ug/l	100
11) Tert butyl alcohol	3.07	59	226555	103.494	ug/l	98
12) 1,1-Dichloroethene	2.38	96	140702	19.831	ug/l	99
13) Acrolein	2.29	56	111936	93.555	ug/l	100
14) Allyl chloride	2.73	41	282463	20.153	ug/l	100
15) Acrylonitrile	3.15	53	462244	101.190	ug/l	99
16) Acetone	2.45	43	370082	98.518	ug/l	98
17) Carbon Disulfide	2.57	76	436658	19.972	ug/l	98
18) Methyl Acetate	2.78	43	249138	19.832	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	504291	19.924	ug/l	98
20) Methylene Chloride	2.86	84	155640	19.468	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	151361	20.018	ug/l	94
22) Diisopropyl ether	3.87	45	438504	20.030	ug/l	94
23) Vinyl Acetate	3.82	43	1892673	101.364	ug/l	99
24) 1,1-Dichloroethane	3.70	63	249294	19.923	ug/l	98
25) 2-Butanone	4.70	43	537544	100.288	ug/l	99
26) 2,2-Dichloropropane	4.59	77	231948	20.085	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	170302	20.192	ug/l	99
28) Bromochloromethane	5.02	49	109190	19.978	ug/l	99
29) Tetrahydrofuran	5.15	42	372206	99.916	ug/l	100
30) Chloroform	5.21	83	262182	19.938	ug/l	95
31) Cyclohexane	5.58	56	229981	19.888	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	246507	19.703	ug/l	99
36) 1,1-Dichloropropene	5.80	75	192745	19.533	ug/l	99
37) Ethyl Acetate	4.85	43	214144	19.379	ug/l	99
38) Carbon Tetrachloride	5.79	117	227502	19.598	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	254228	19.848	ug/l	98
40) Benzene	6.15	78	589903	19.960	ug/l	98
41) Methacrylonitrile	5.06	41	117000	19.242	ug/l	100
42) 1,2-Dichloroethane	6.20	62	194914	20.151	ug/l	99
43) Isopropyl Acetate	6.46	43	360790	19.582	ug/l	99
44) Trichloroethene	7.21	130	172531	19.270	ug/l	93
45) 1,2-Dichloropropane	7.52	63	148527	19.774	ug/l	99
46) Dibromomethane	7.66	93	107808	19.873	ug/l	98
47) Bromodichloromethane	7.90	83	209191	19.913	ug/l	98
48) Methyl methacrylate	7.77	41	175699	19.602	ug/l	99
49) 1,4-Dioxane	7.75	88	89537	405.311	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1078276	100.534	ug/l	99
52) Toluene	8.79	92	382551	19.675	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	241389	19.648	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	246352	19.310	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	157755	19.971	ug/l	97
56) Ethyl methacrylate	9.18	69	245027	19.842	ug/l	99
57) 1,3-Dichloropropane	9.37	76	248219	19.872	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	625993	99.897	ug/l	100
59) 2-Hexanone	9.49	43	842871	102.861	ug/l	99
60) Dibromochloromethane	9.59	129	191571	19.668	ug/l	100
61) 1,2-Dibromoethane	9.67	107	175096	19.824	ug/l	99
64) Tetrachloroethene	9.34	164	155413	19.304	ug/l	98
65) Chlorobenzene	10.14	112	446763	19.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	175694	19.927	ug/l	97
67) Ethyl Benzene	10.25	91	739522	19.594	ug/l	99
68) m/p-Xylenes	10.36	106	597285	39.506	ug/l	99
69) o-Xylene	10.70	106	293437	19.649	ug/l	100
70) Styrene	10.71	104	476125	19.713	ug/l	99
71) Bromoform	10.86	173	161819	19.442	ug/l #	98
73) Isopropylbenzene	11.02	105	776127	19.913	ug/l	100
74) N-amyl acetate	10.90	43	332533	19.813	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	247360	19.838	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	301622	20.579	ug/l	86
77) Bromobenzene	11.26	156	209255	19.346	ug/l	98
78) n-propylbenzene	11.36	91	861384	19.882	ug/l	100
79) 2-Chlorotoluene	11.42	91	513712	19.949	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	643583	19.846	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	92729	19.976	ug/l	99
82) 4-Chlorotoluene	11.51	91	590180	19.713	ug/l	100
83) tert-Butylbenzene	11.77	119	682956	19.738	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	656191	19.596	ug/l	99
85) sec-Butylbenzene	11.94	105	774040	19.664	ug/l	100
86) p-Isopropyltoluene	12.07	119	691318	19.504	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	381634	19.829	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	380301	19.704	ug/l	98
89) n-Butylbenzene	12.39	91	583865	19.306	ug/l	99
90) Hexachloroethane	12.60	117	141169	19.542	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	377552	19.766	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	62944	19.692	ug/l	96

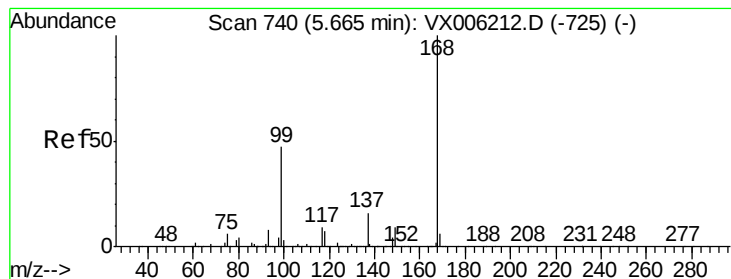
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	277215	19.893	ug/l	99
94) Hexachlorobutadiene	13.79	225	119370	19.369	ug/l	98
95) Naphthalene	13.83	128	864493	19.943	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	273966	19.849	ug/l	98

(#) = 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: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

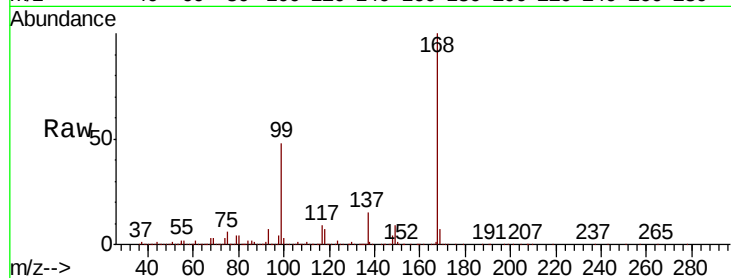
VSTDIC020

Tgt Ion:168 Resp: 784118

Ion Ratio Lower Upper

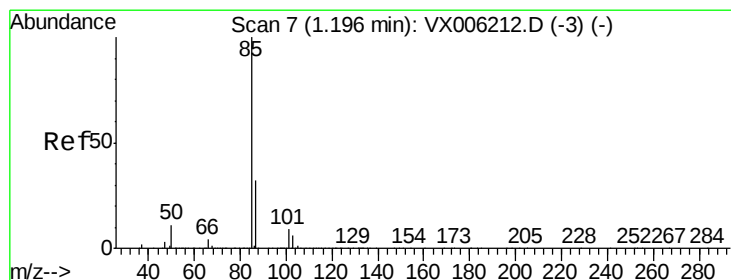
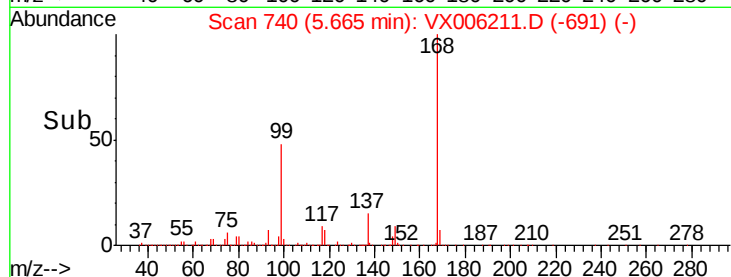
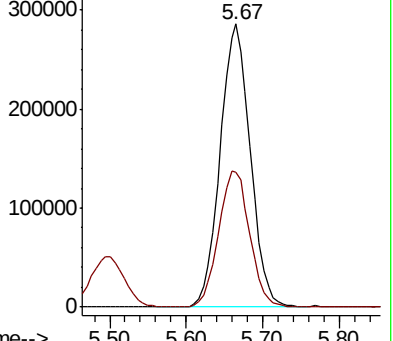
168 100

99 47.5 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: 21.573 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006211.D

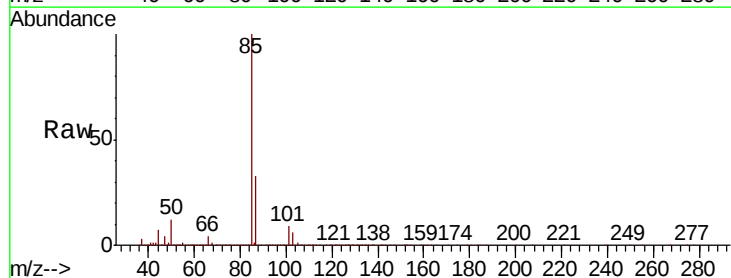
Acq: 29 Nov 2018 14:58

Tgt Ion: 85 Resp: 165628

Ion Ratio Lower Upper

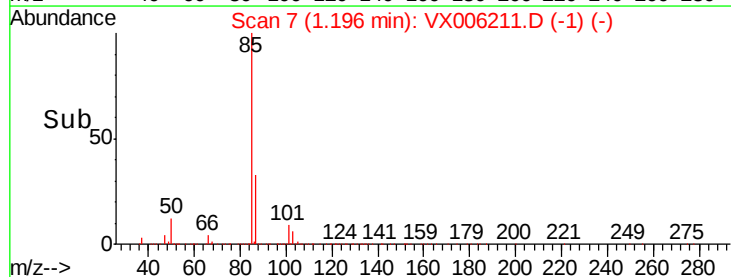
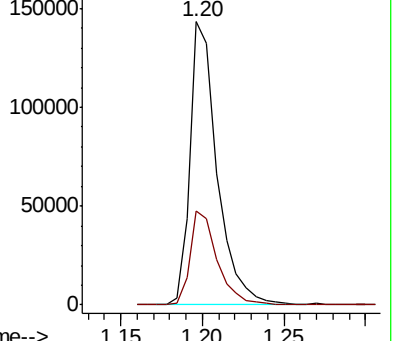
85 100

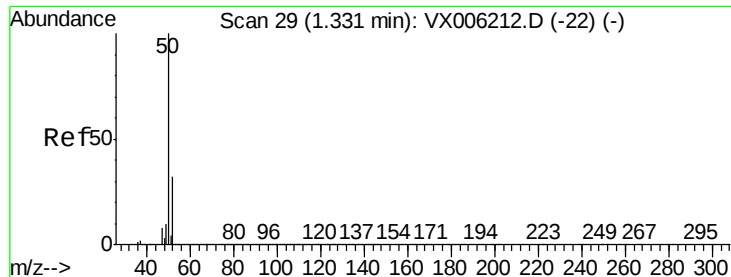
87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.925 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

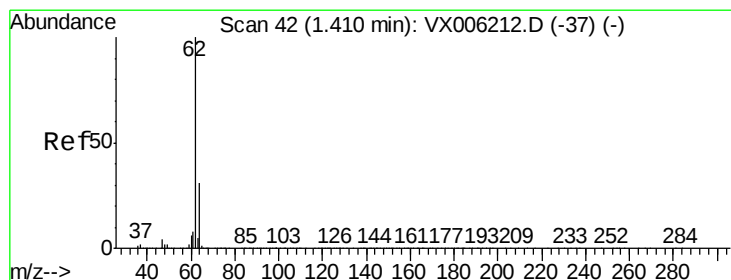
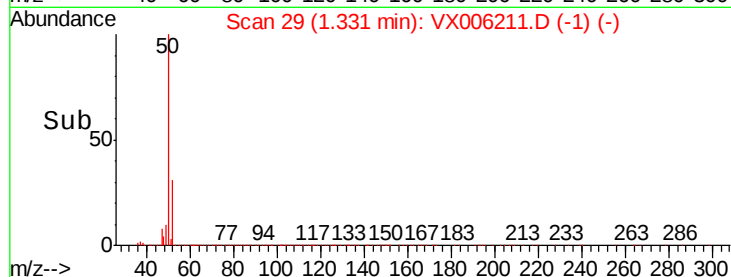
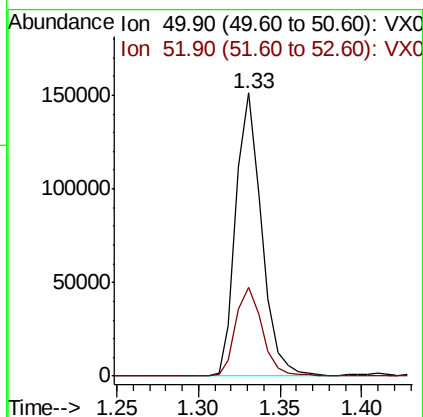
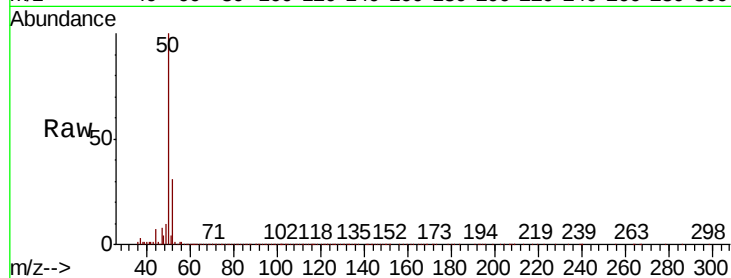
VSTDIC020

Tgt Ion: 50 Resp: 165095

Ion Ratio Lower Upper

50 100

52 31.3 25.2 37.8



#4

Vinyl Chloride

Concen: 20.951 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006211.D

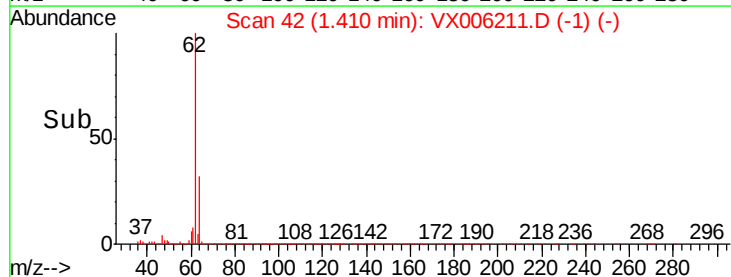
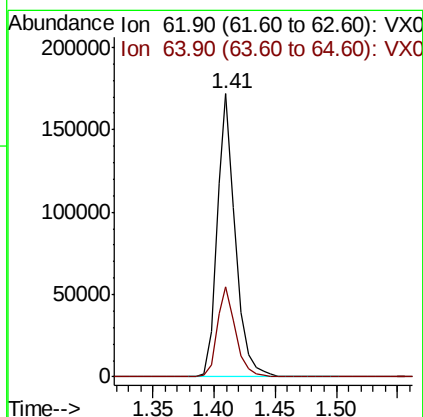
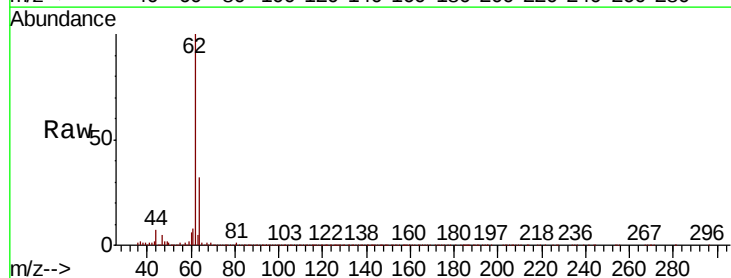
Acq: 29 Nov 2018 14:58

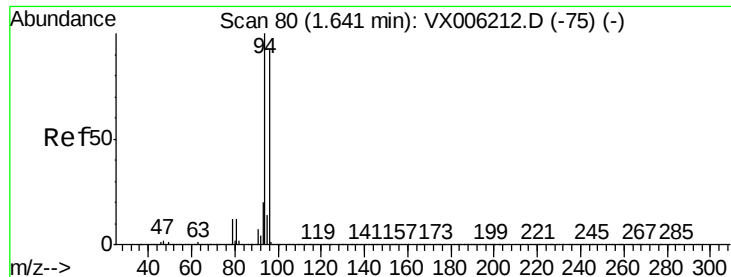
Tgt Ion: 62 Resp: 177902

Ion Ratio Lower Upper

62 100

64 31.9 24.9 37.3





#5

Bromomethane

Concen: 19.208 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

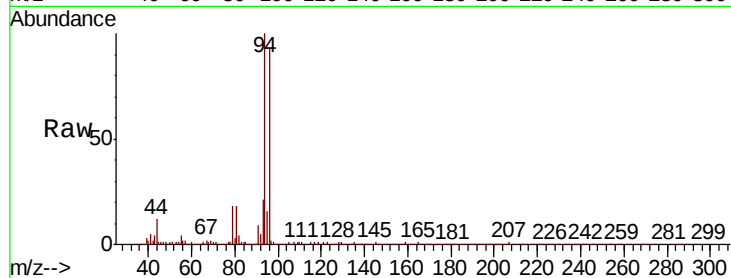
VSTDIC020

Tgt Ion: 94 Resp: 113037

Ion Ratio Lower Upper

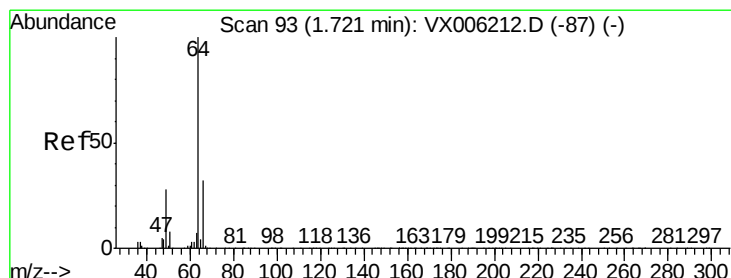
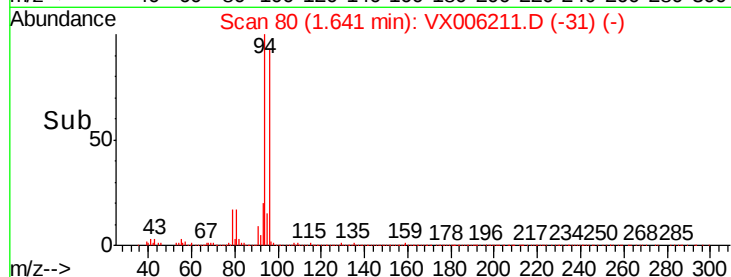
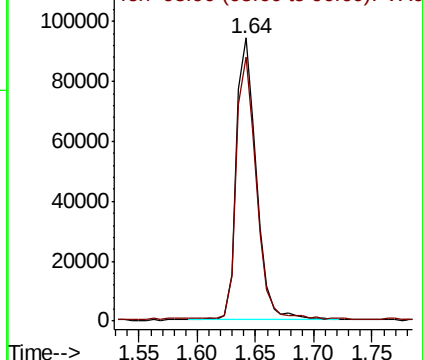
94 100

96 92.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.542 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006211.D

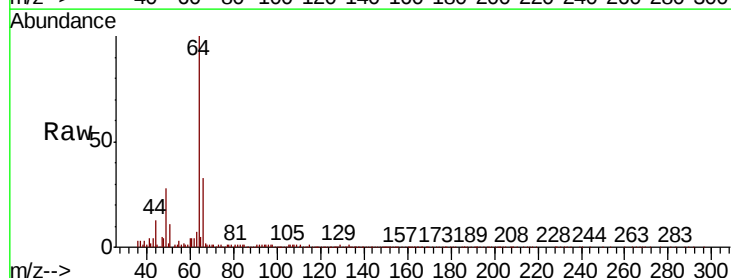
Acq: 29 Nov 2018 14:58

Tgt Ion: 64 Resp: 106949

Ion Ratio Lower Upper

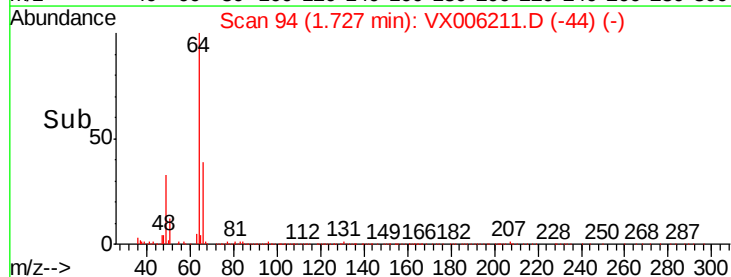
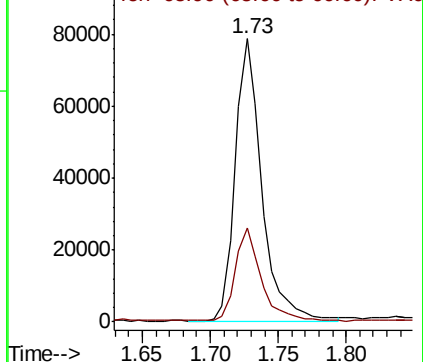
64 100

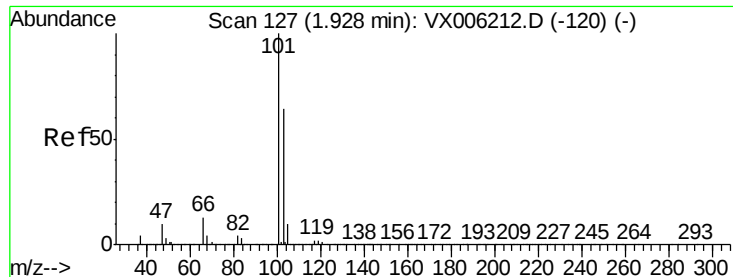
66 32.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



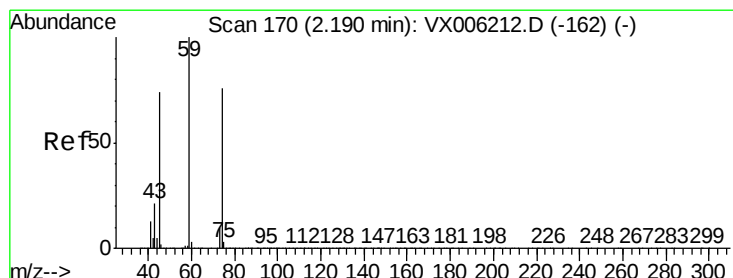
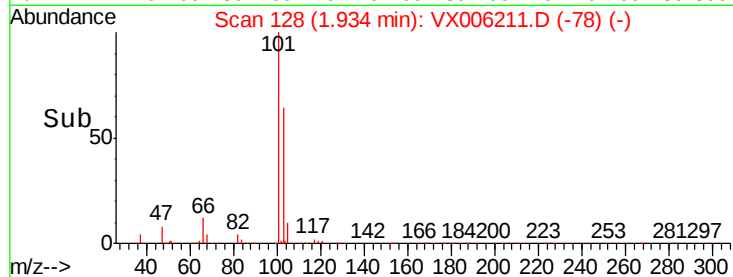
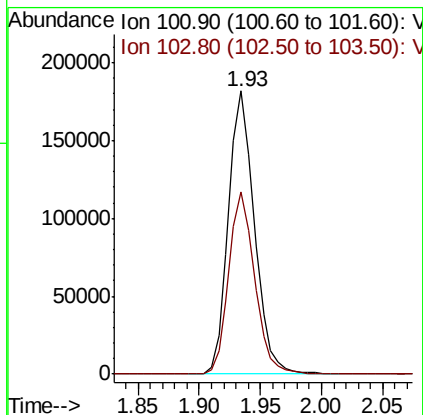
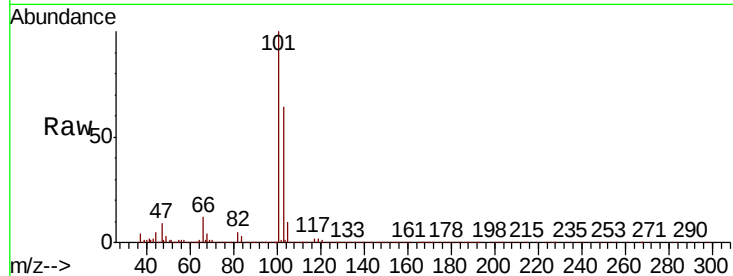


#7

Trichlorofluoromethane
Concen: 20.512 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

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VSTDIC020

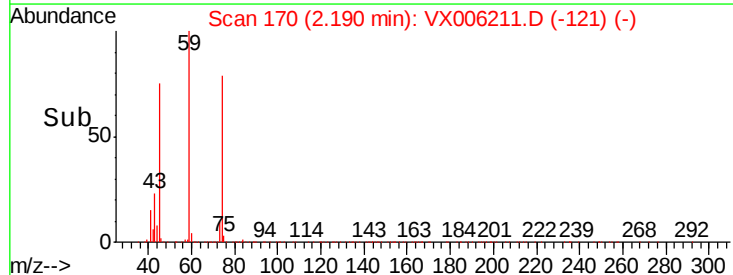
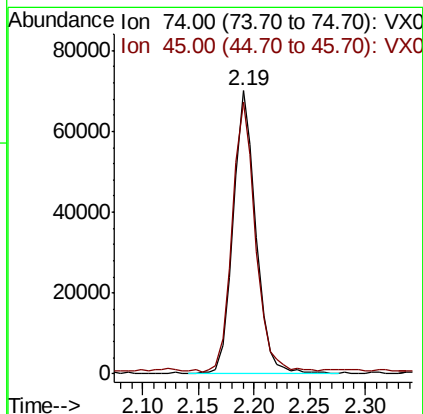
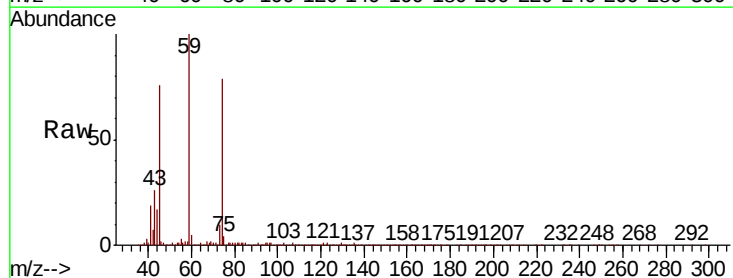
Tgt Ion:101 Resp: 267359
Ion Ratio Lower Upper
101 100
103 64.1 51.0 76.4

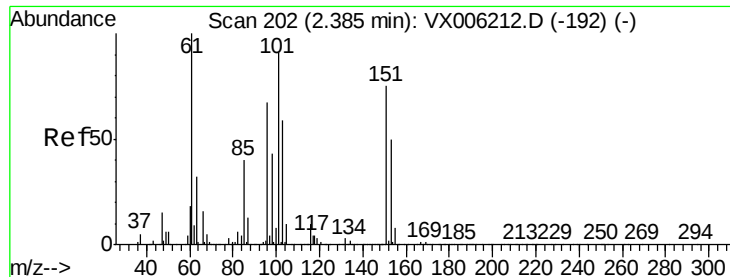


#8

Diethyl Ether
Concen: 19.869 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion: 74 Resp: 98014
Ion Ratio Lower Upper
74 100
45 98.1 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.942 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

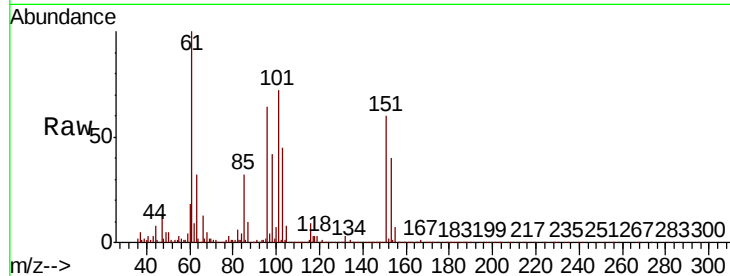
Tgt Ion:101 Resp: 147802

Ion Ratio Lower Upper

101 100

85 44.3 35.5 53.3

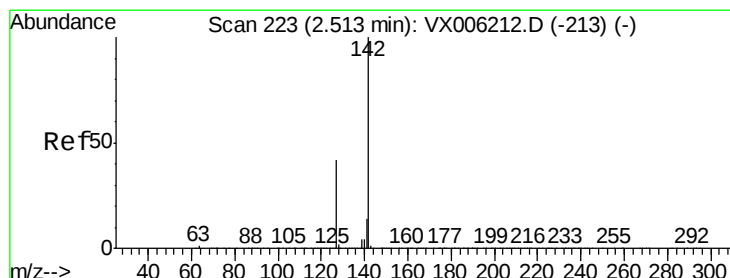
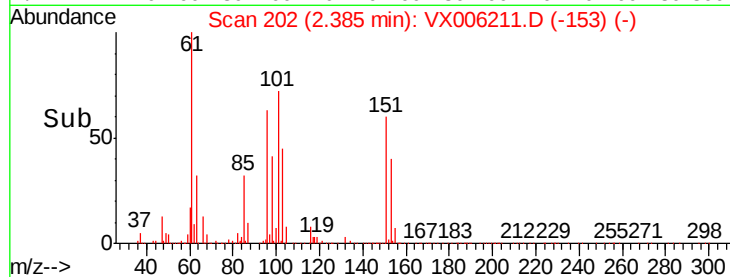
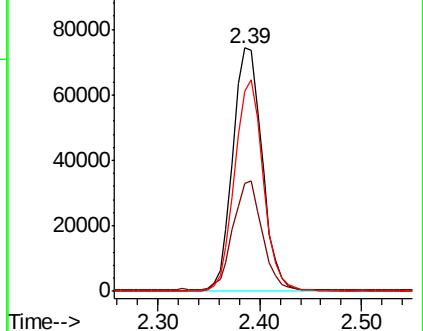
151 85.3 68.6 103.0



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: 19.922 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

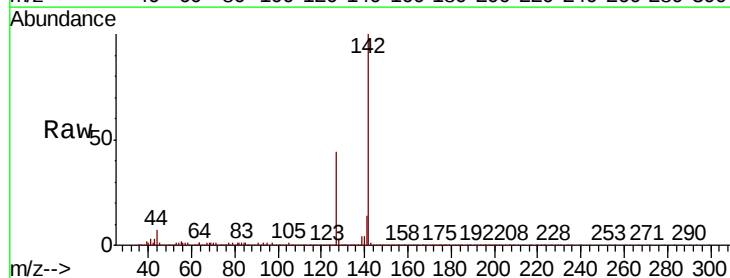
Tgt Ion:142 Resp: 222520

Ion Ratio Lower Upper

142 100

127 43.5 34.8 52.2

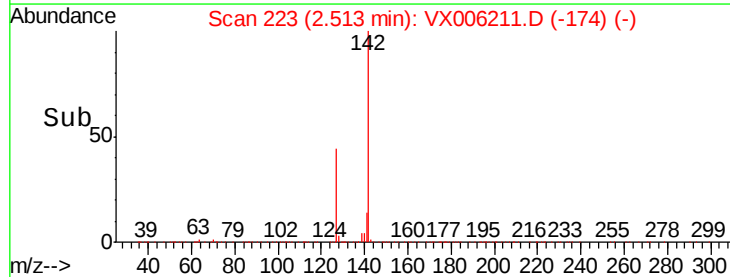
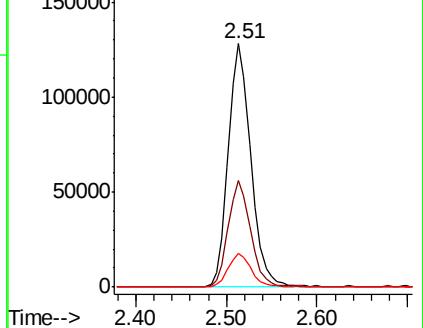
141 14.0 11.4 17.2

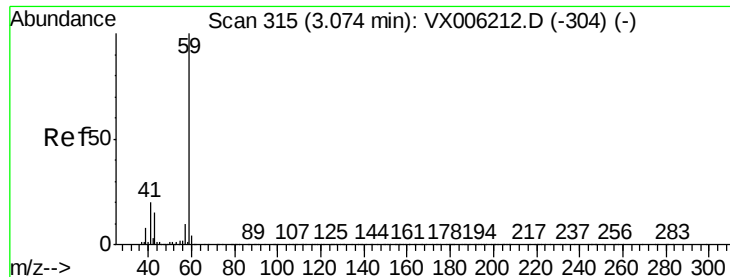


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



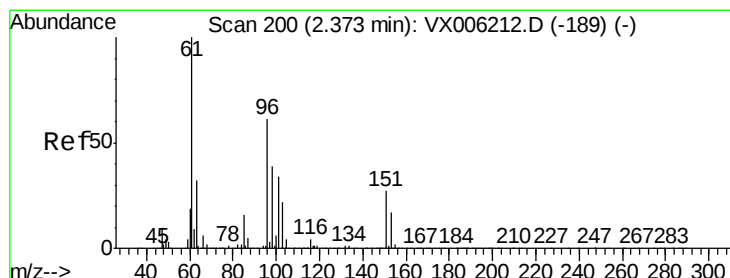
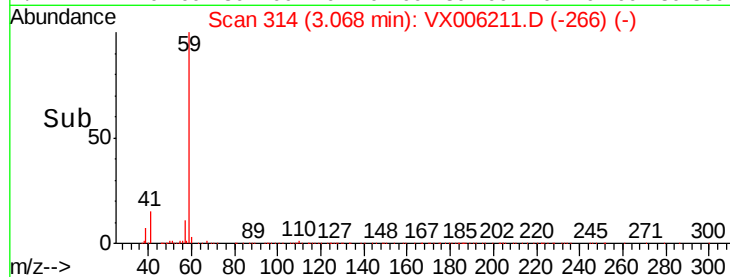
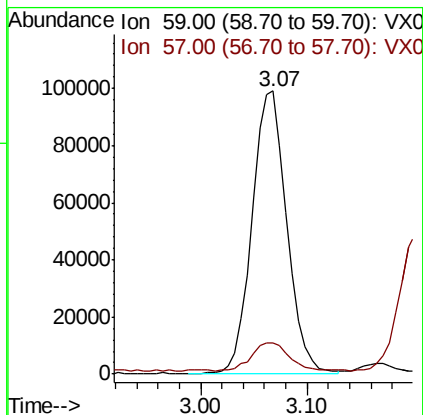
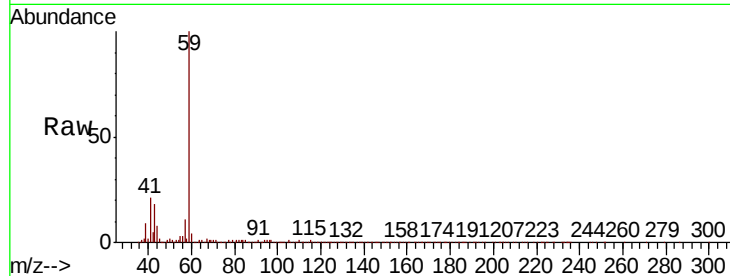


#11

Tert butyl alcohol
 Concen: 103.494 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

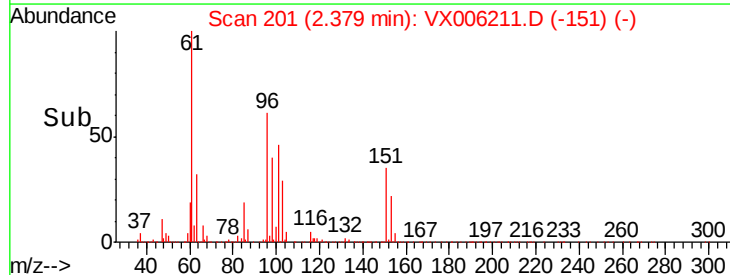
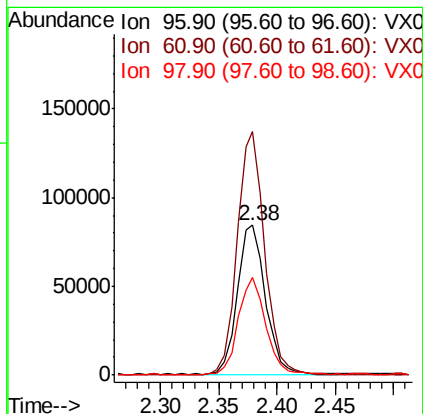
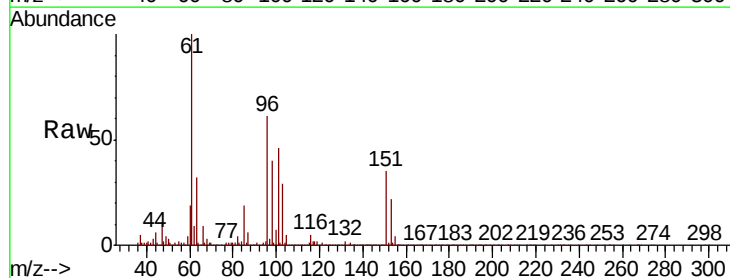
Tgt Ion: 59 Resp: 226555
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.2

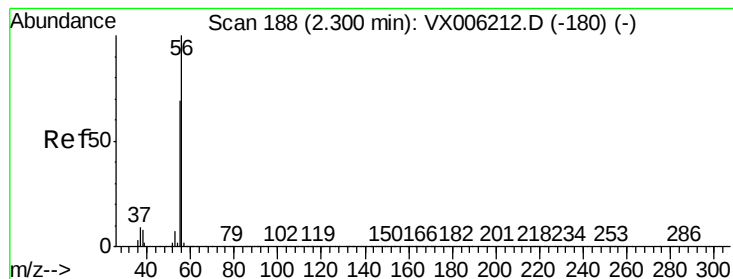


#12

1,1-Dichloroethene
 Concen: 19.831 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Tgt Ion: 96 Resp: 140702
 Ion Ratio Lower Upper
 96 100
 61 163.4 131.7 197.5
 98 65.1 51.8 77.6





#13

Acrolein

Concen: 93.555 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

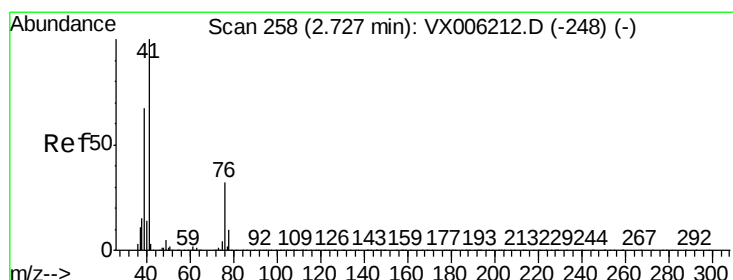
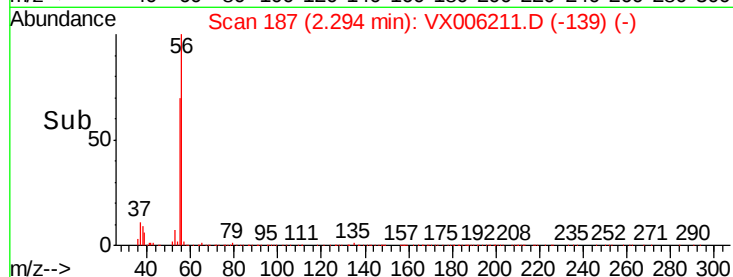
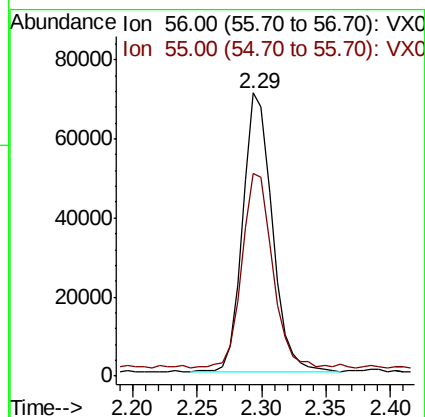
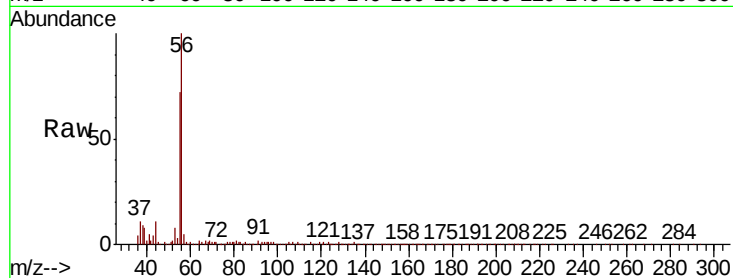
VSTDIC020

Tgt Ion: 56 Resp: 111936

Ion Ratio Lower Upper

56 100

55 71.9 57.8 86.6



#14

Allyl chloride

Concen: 20.153 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

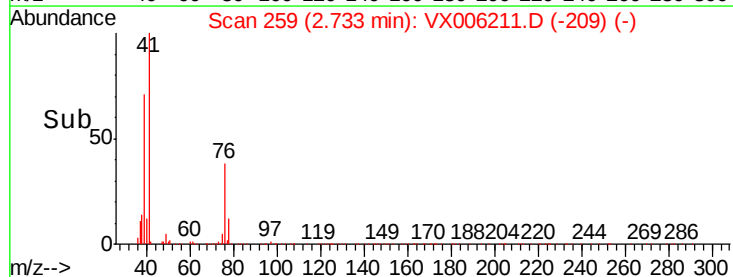
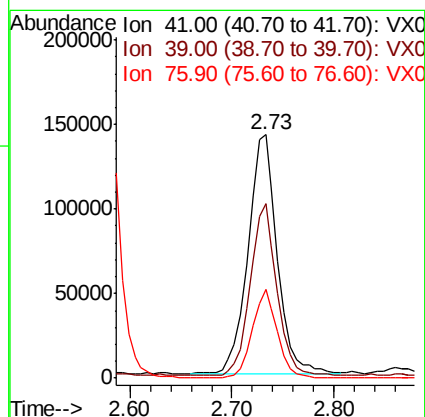
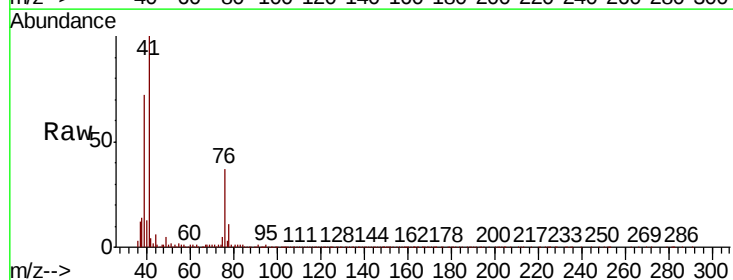
Tgt Ion: 41 Resp: 282463

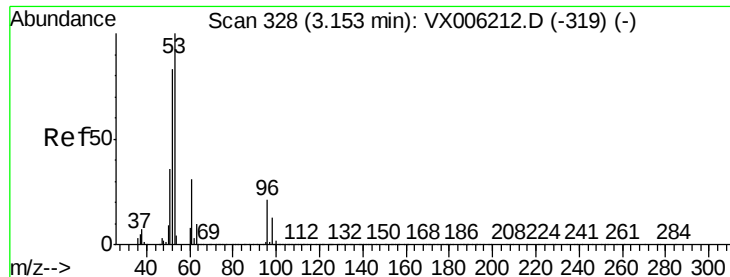
Ion Ratio Lower Upper

41 100

39 65.4 52.4 78.6

76 31.2 25.4 38.0





#15

Acrylonitrile

Concen: 101.190 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

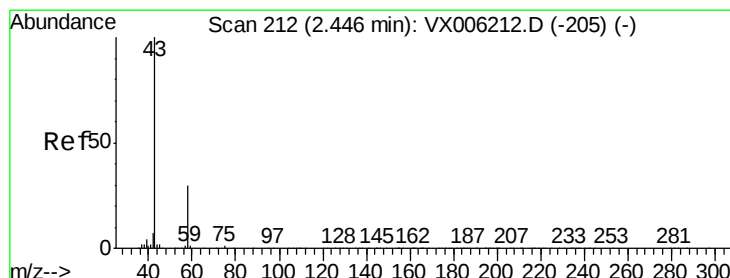
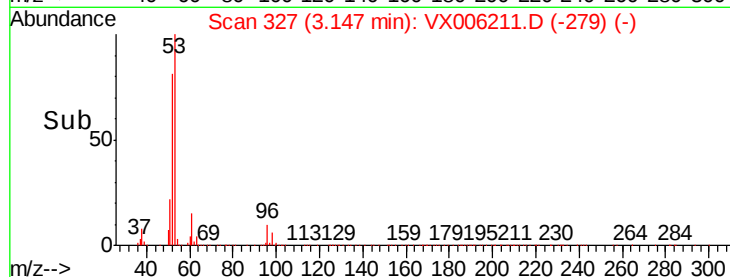
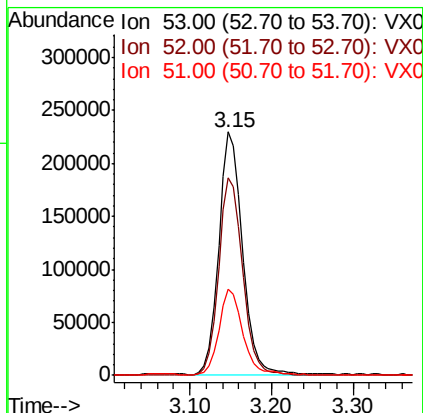
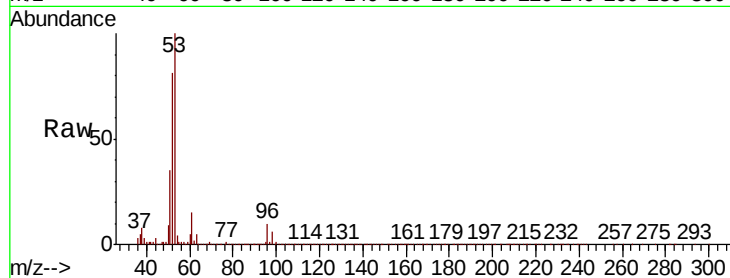
Tgt Ion: 53 Resp: 462244

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.4

51 35.6 28.7 43.1



#16

Acetone

Concen: 98.518 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006211.D

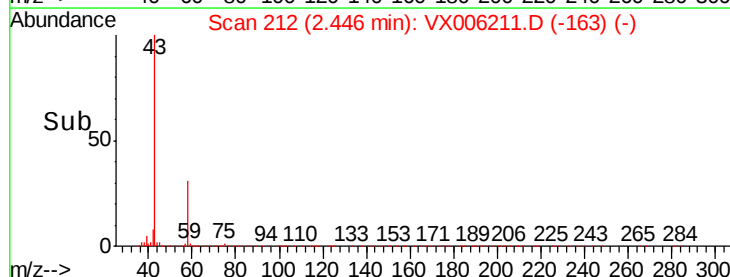
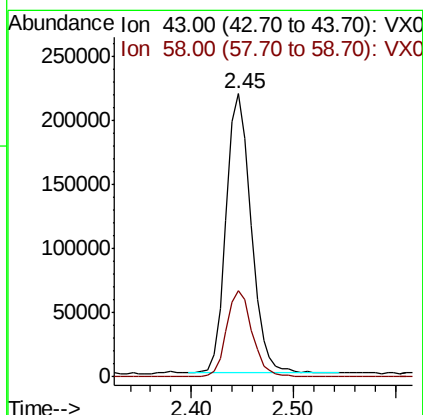
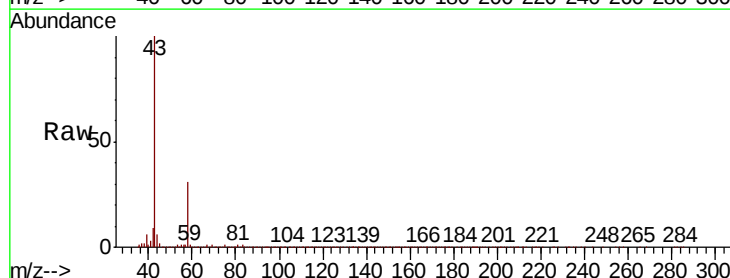
Acq: 29 Nov 2018 14:58

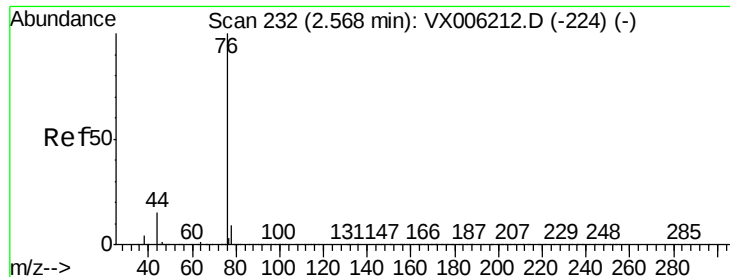
Tgt Ion: 43 Resp: 370082

Ion Ratio Lower Upper

43 100

58 30.9 24.0 36.0





#17

Carbon Disulfide

Concen: 19.972 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

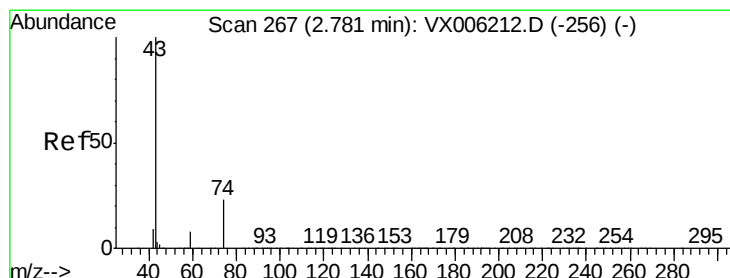
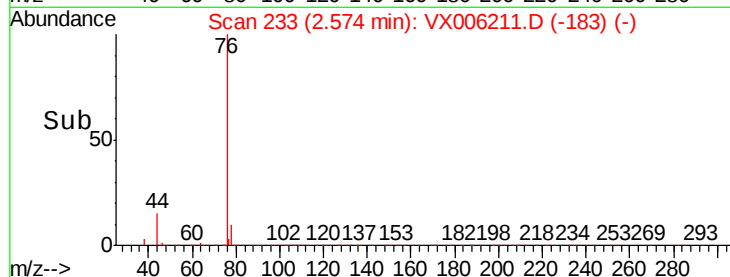
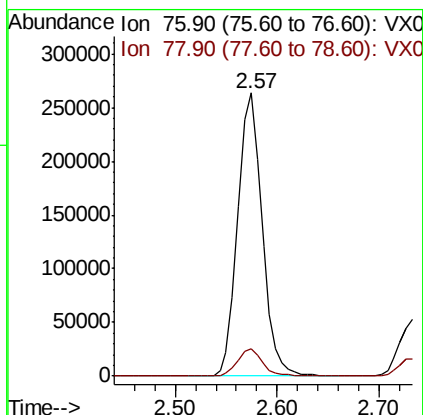
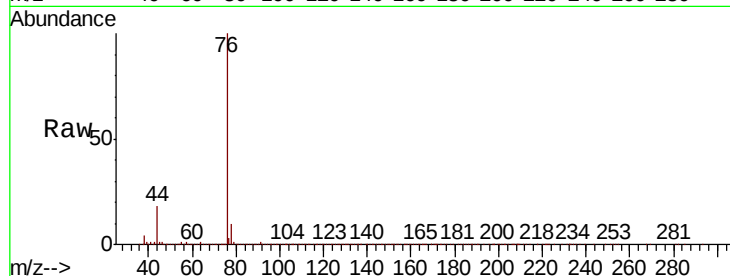
VSTDIC020

Tgt Ion: 76 Resp: 436658

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7



#18

Methyl Acetate

Concen: 19.832 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006211.D

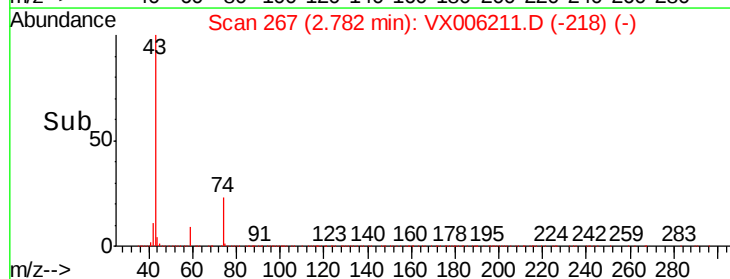
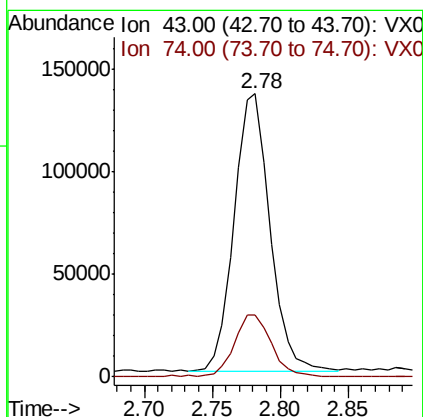
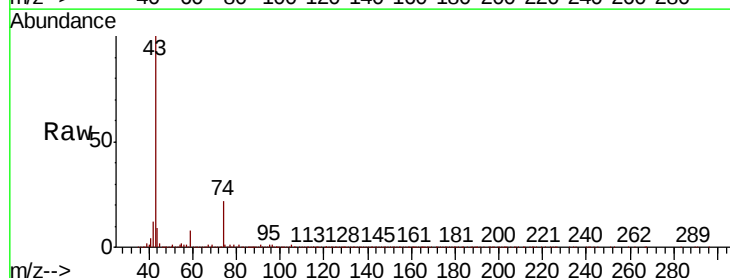
Acq: 29 Nov 2018 14:58

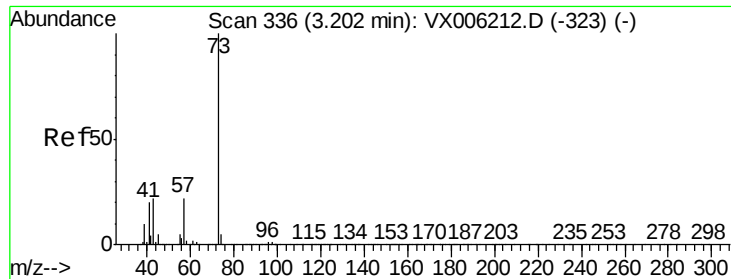
Tgt Ion: 43 Resp: 249138

Ion Ratio Lower Upper

43 100

74 23.1 17.9 26.9





#19

Methyl tert-butyl Ether

Concen: 19.924 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

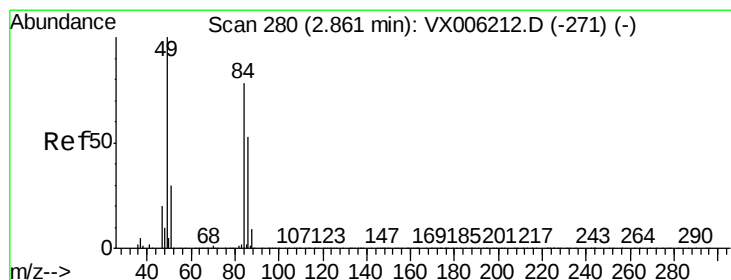
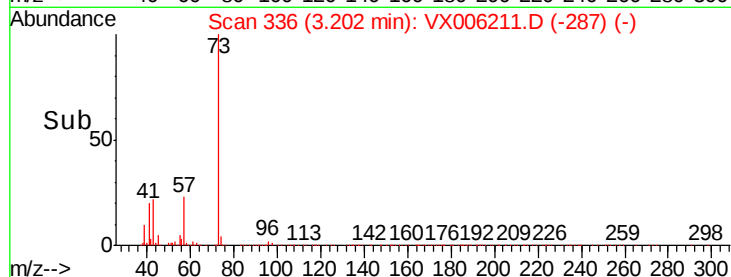
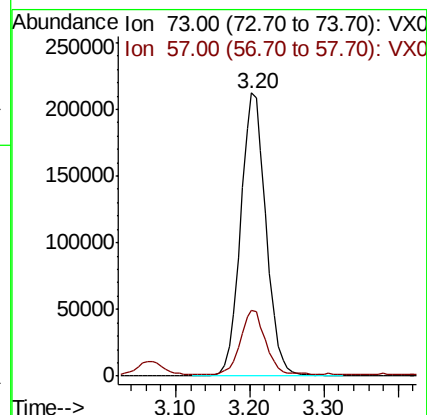
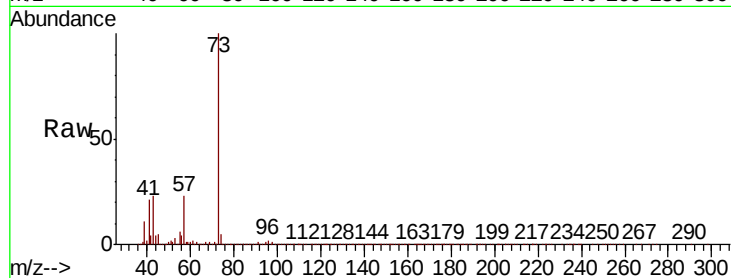
VSTDIC020

Tgt Ion: 73 Resp: 504291

Ion Ratio Lower Upper

73 100

57 22.7 17.5 26.3



#20

Methylene Chloride

Concen: 19.468 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion: 84 Resp: 155640

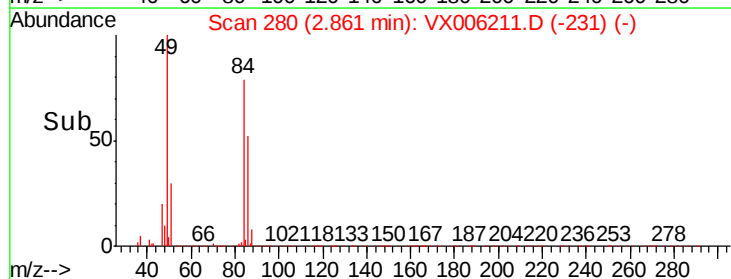
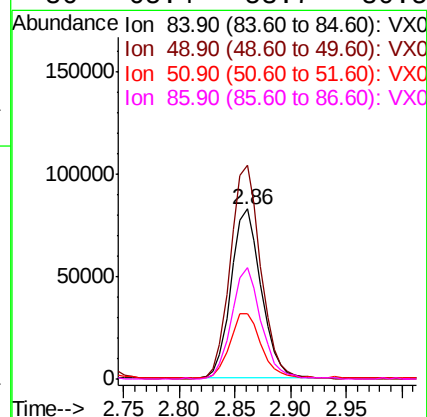
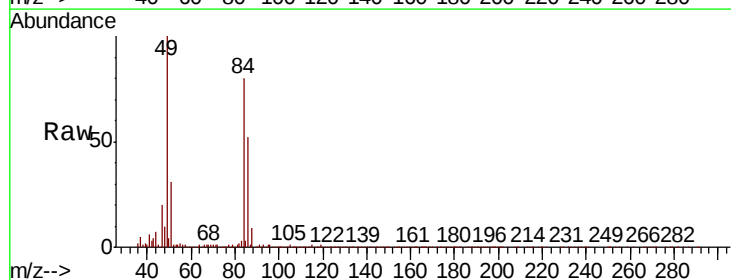
Ion Ratio Lower Upper

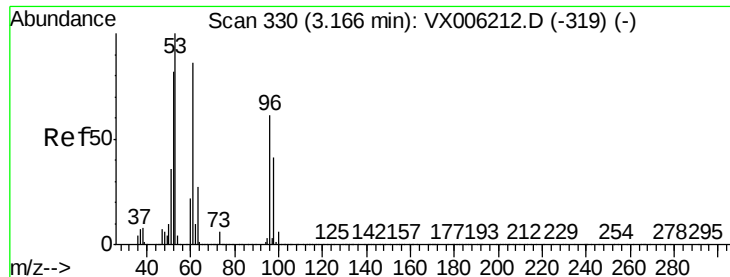
84 100

49 126.2 102.2 153.4

51 38.0 31.1 46.7

86 65.4 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 20.018 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

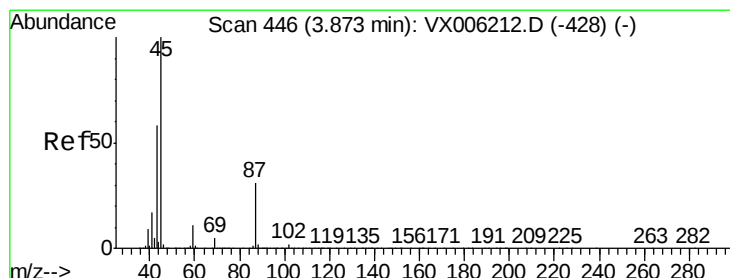
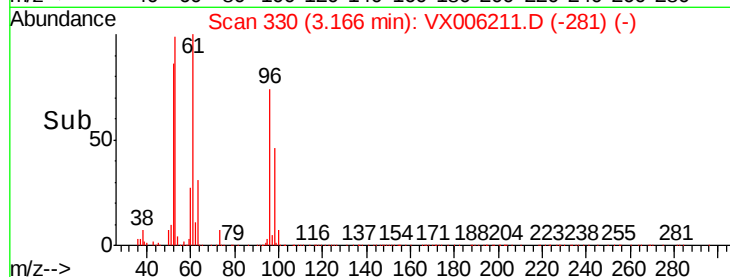
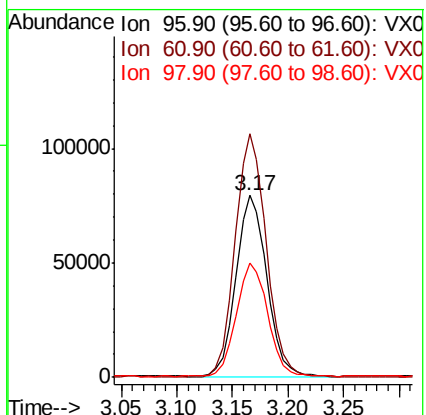
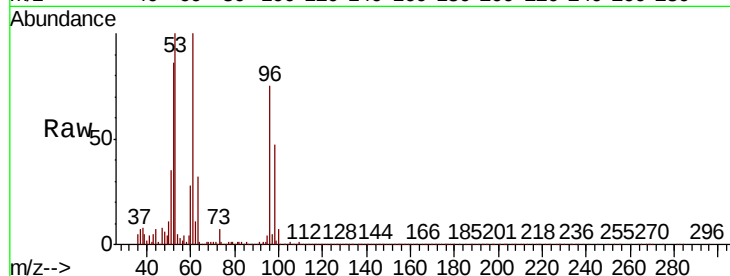
Tgt Ion: 96 Resp: 151361

Ion Ratio Lower Upper

96 100

61 134.3 113.3 169.9

98 62.5 53.2 79.8



#22

Diisopropyl ether

Concen: 20.030 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion: 45 Resp: 438504

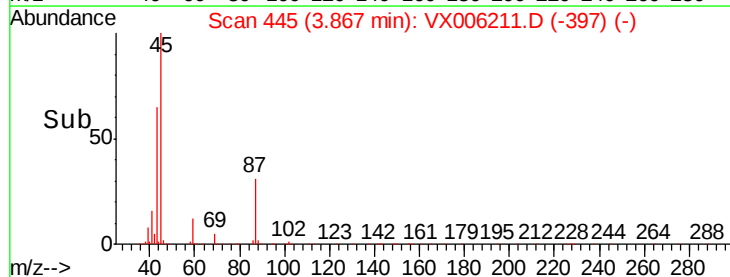
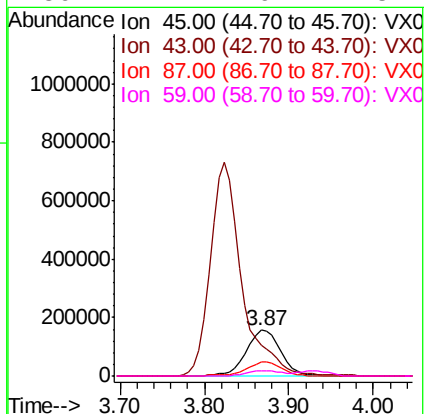
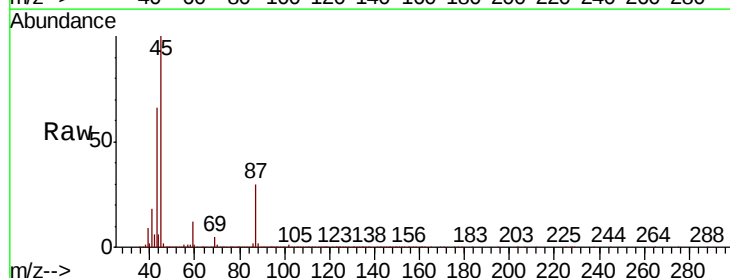
Ion Ratio Lower Upper

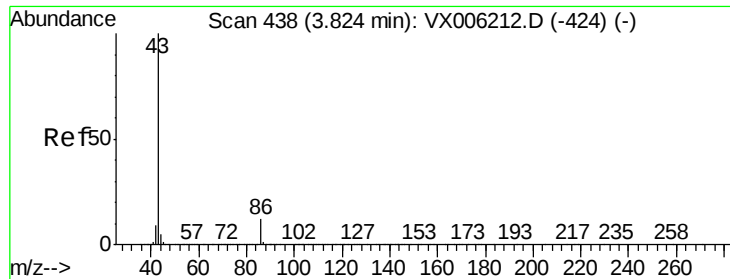
45 100

43 64.6 46.2 69.2

87 30.3 24.9 37.3

59 11.7 9.1 13.7





#23

Vinyl Acetate

Concen: 101.364 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

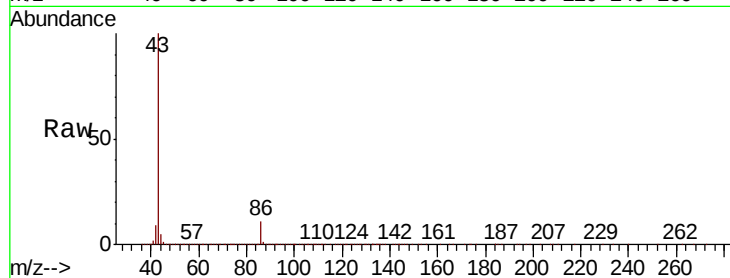
VSTDIC020

Tgt Ion: 43 Resp: 1892673

Ion Ratio Lower Upper

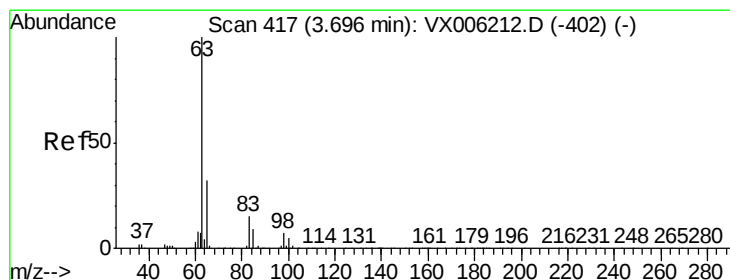
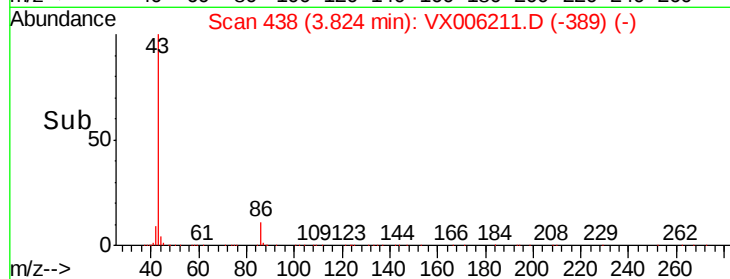
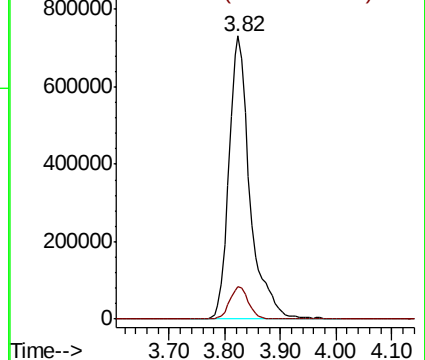
43 100

86 11.3 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: 19.923 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

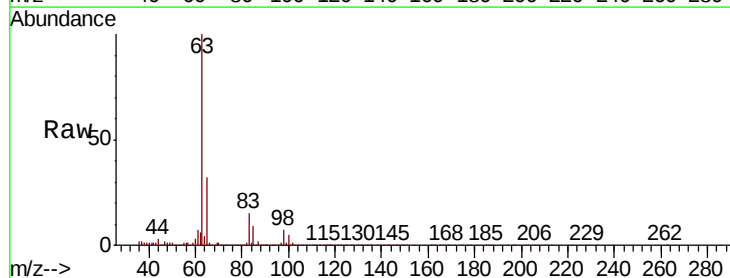
Tgt Ion: 63 Resp: 249294

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

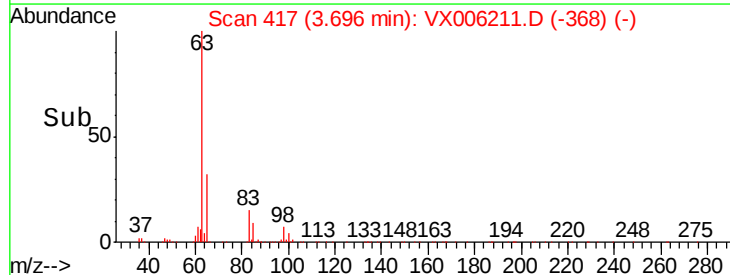
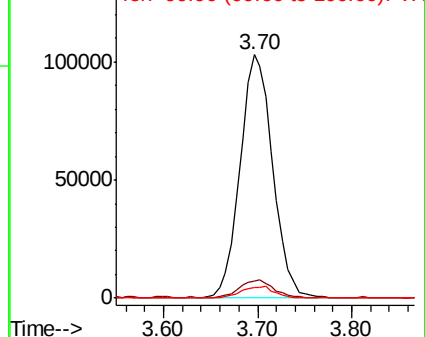
100 4.5 2.5 7.4

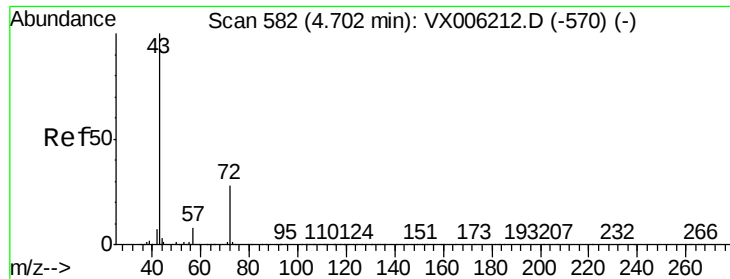


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

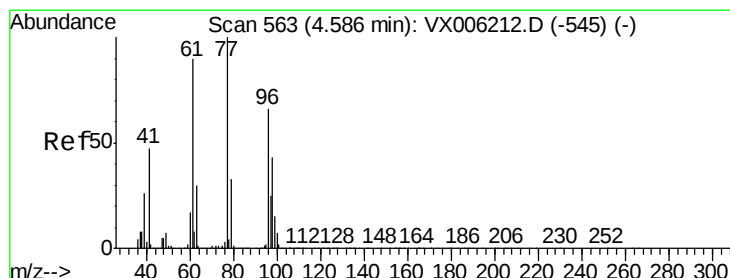
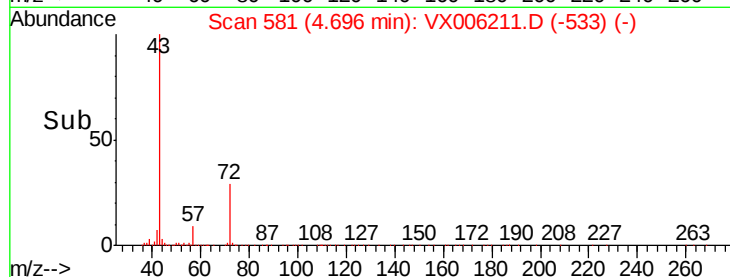
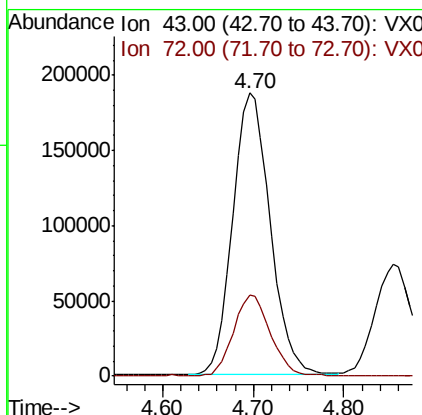
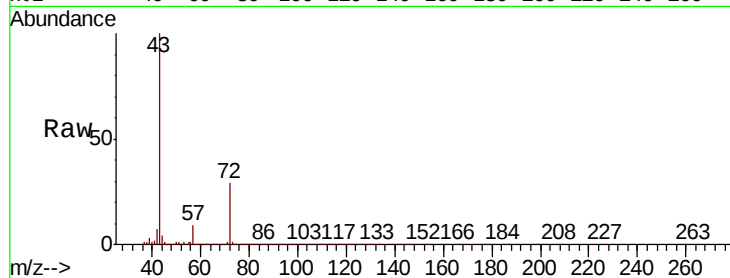




#25
2-Butanone
Concen: 100.288 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

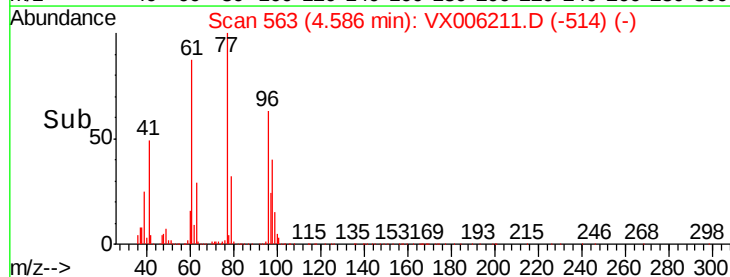
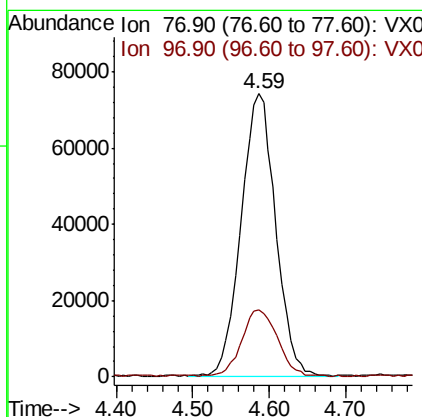
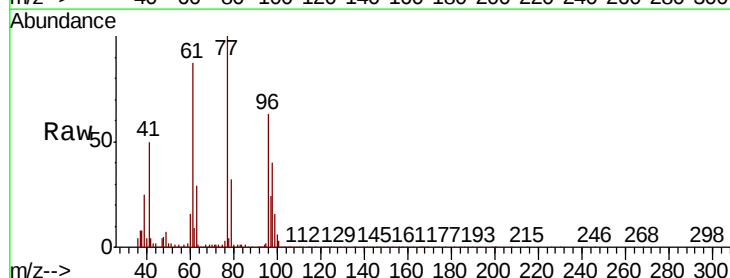
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

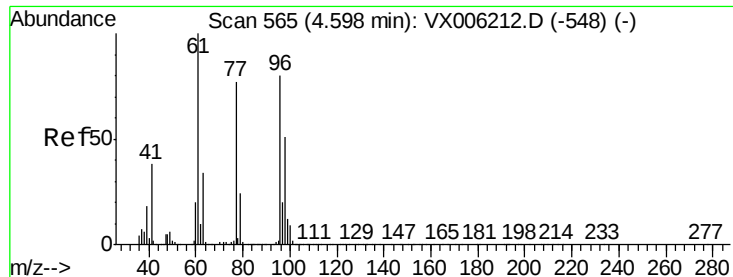
Tgt Ion: 43 Resp: 537544
Ion Ratio Lower Upper
43 100
72 28.6 22.6 33.8



#26
2,2-Dichloropropane
Concen: 20.085 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion: 77 Resp: 231948
Ion Ratio Lower Upper
77 100
97 24.5 12.3 36.8



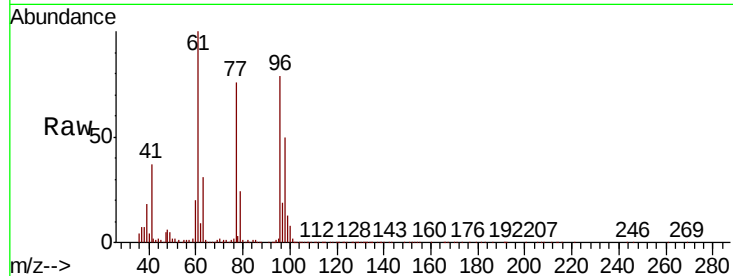


#27

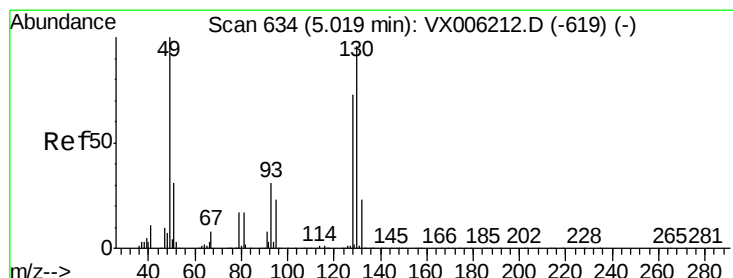
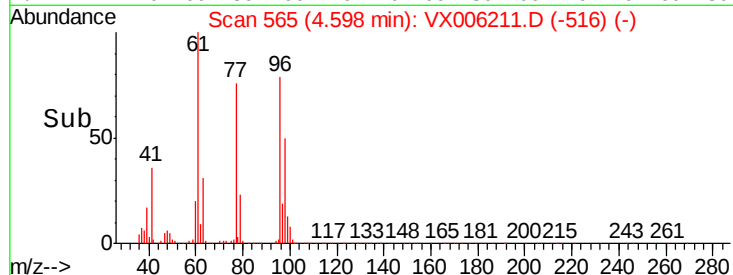
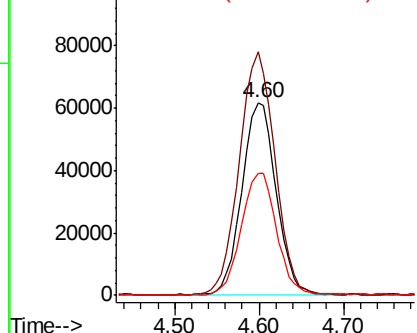
cis-1,2-Dichloroethene
Concen: 20.192 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion: 96 Resp: 170302
Ion Ratio Lower Upper
96 100
61 131.1 0.0 265.0
98 64.6 0.0 130.2



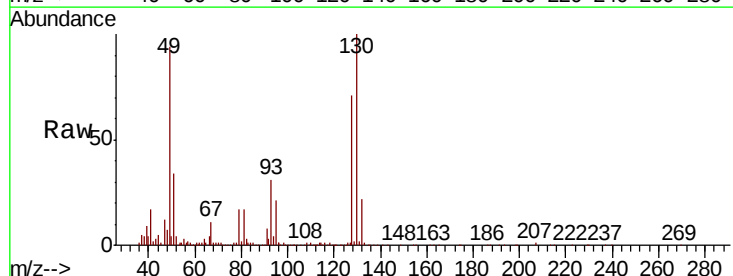
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



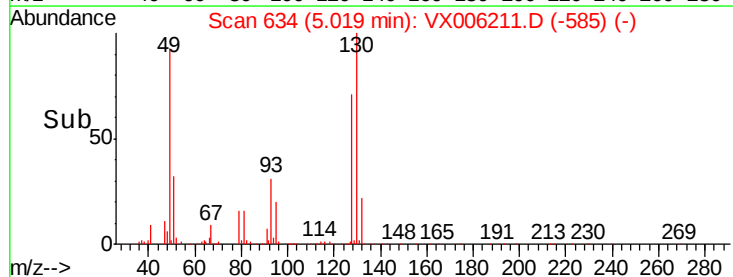
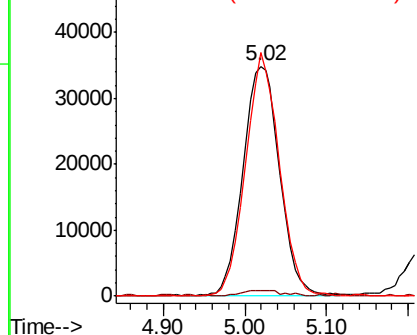
#28

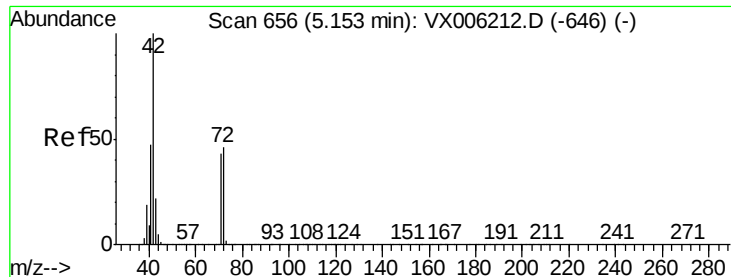
Bromochloromethane
Concen: 19.978 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion: 49 Resp: 109190
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 97.3 78.3 117.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 99.916 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

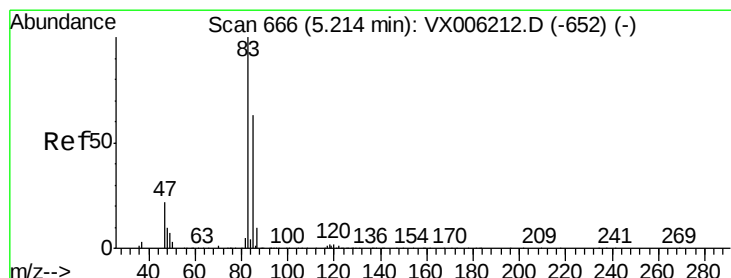
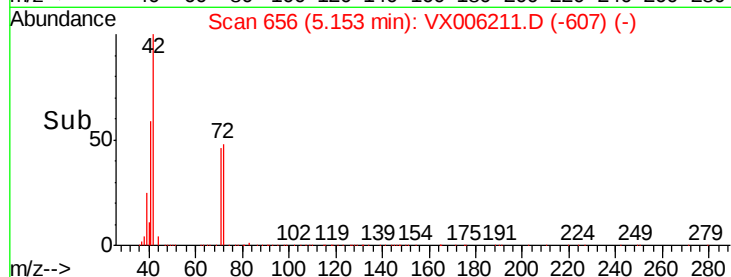
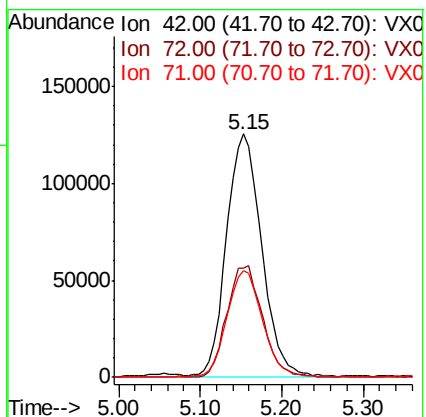
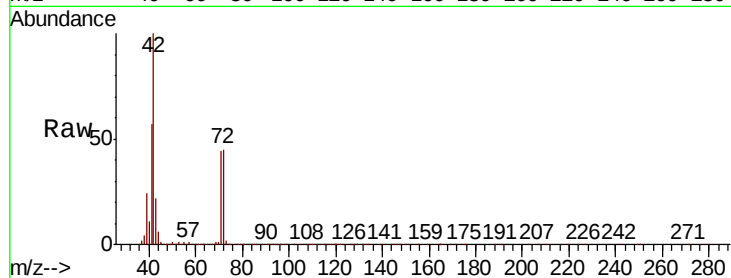
Tgt Ion: 42 Resp: 372206

Ion Ratio Lower Upper

42 100

72 47.1 37.8 56.8

71 44.0 35.2 52.8



#30

Chloroform

Concen: 19.938 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006211.D

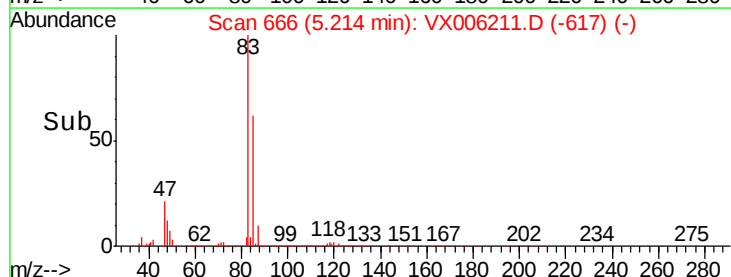
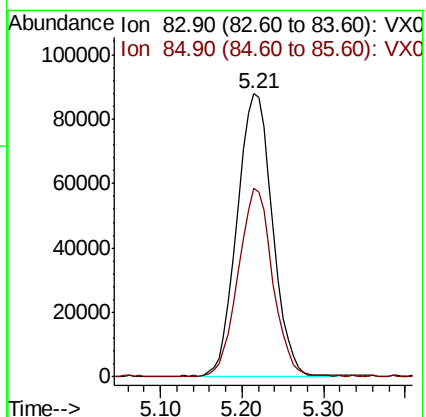
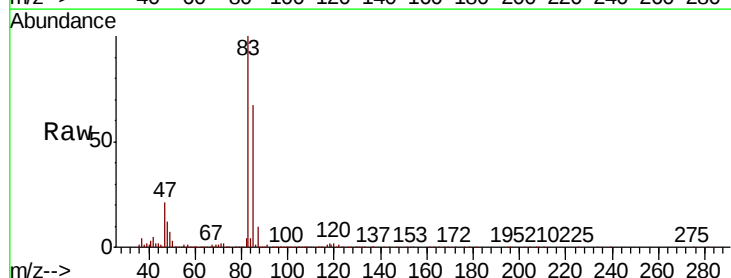
Acq: 29 Nov 2018 14:58

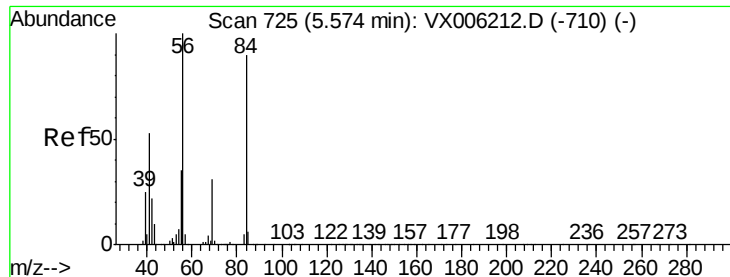
Tgt Ion: 83 Resp: 262182

Ion Ratio Lower Upper

83 100

85 66.6 50.3 75.5

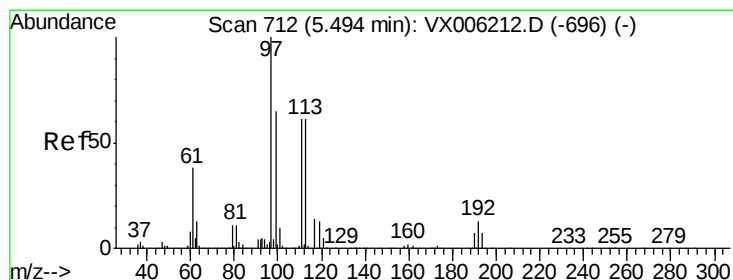
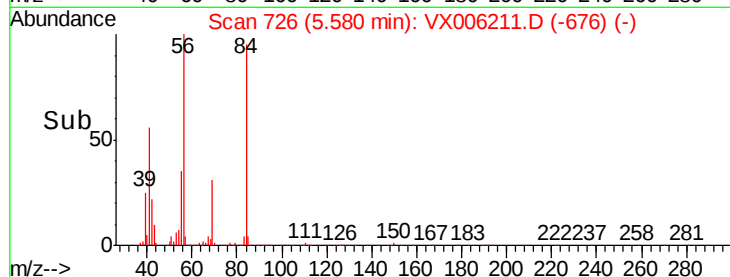
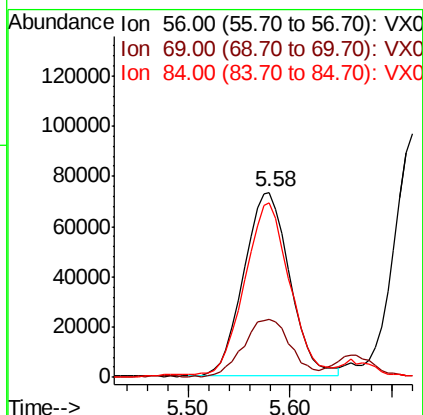
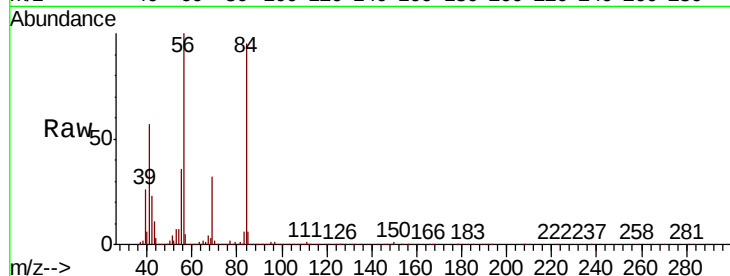




#31
Cyclohexane
Concen: 19.888 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

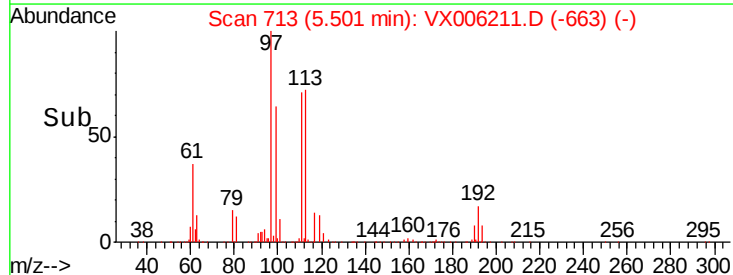
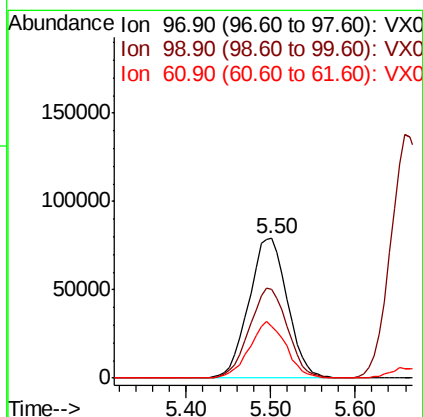
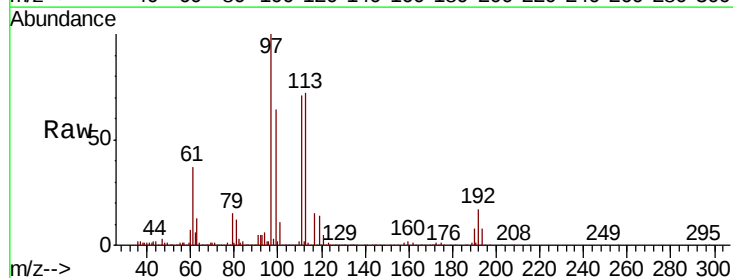
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

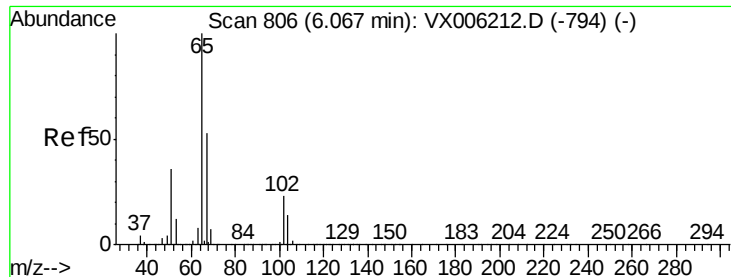
Tgt Ion: 56 Resp: 229981
Ion Ratio Lower Upper
56 100
69 31.2 24.5 36.7
84 93.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.703 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion: 97 Resp: 246507
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 38.7 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 21.251 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

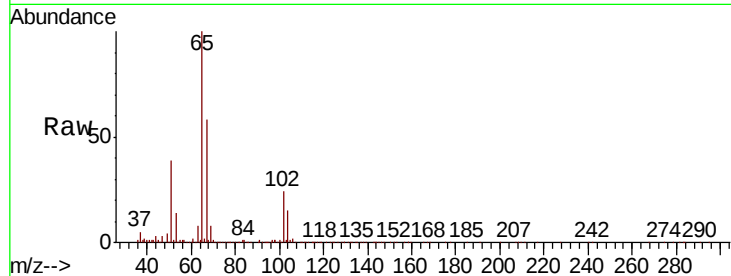
VSTDIC020

Tgt Ion: 65 Resp: 170104

Ion Ratio Lower Upper

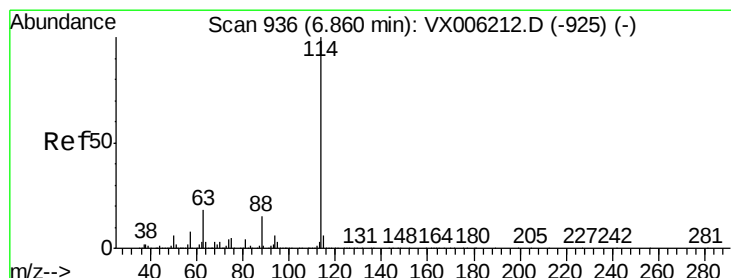
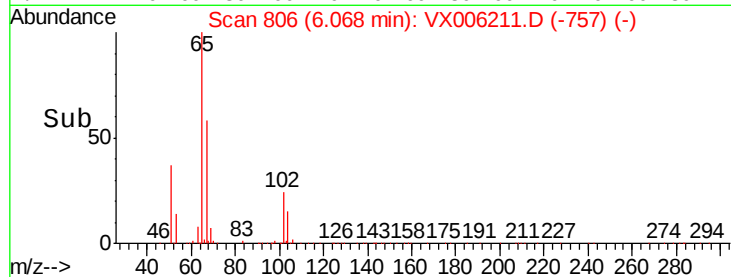
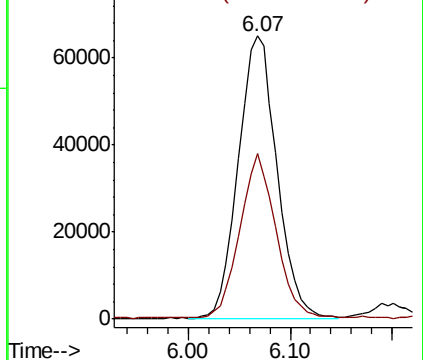
65 100

67 54.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

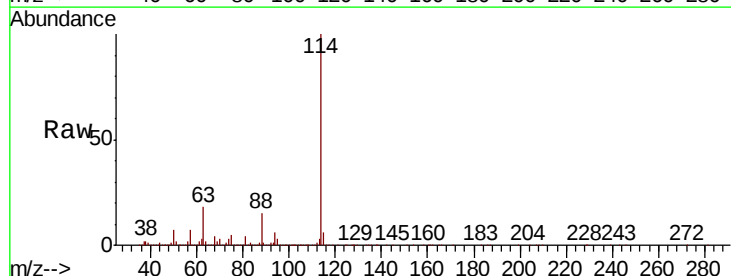
Tgt Ion: 114 Resp: 1171773

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

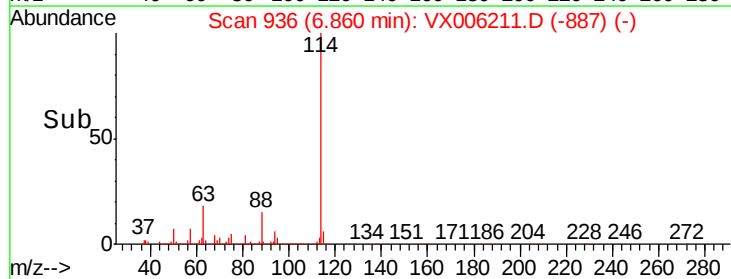
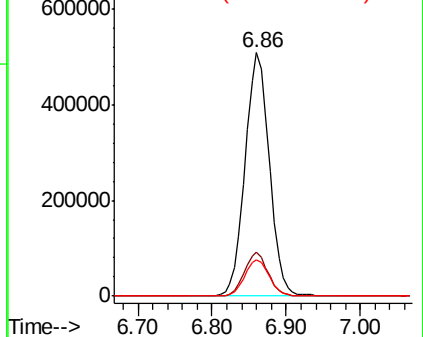
88 14.8 0.0 29.0

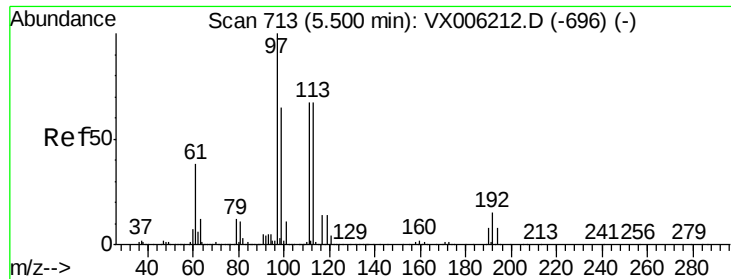


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 21.490 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

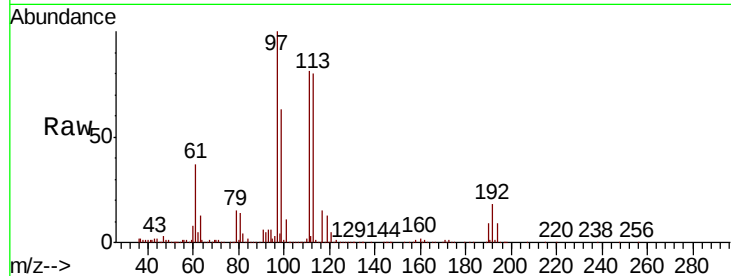
Tgt Ion: 113 Resp: 163040

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

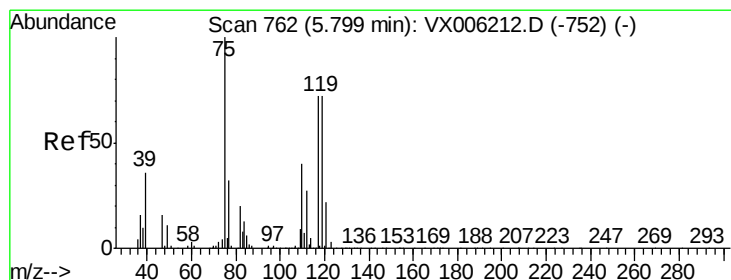
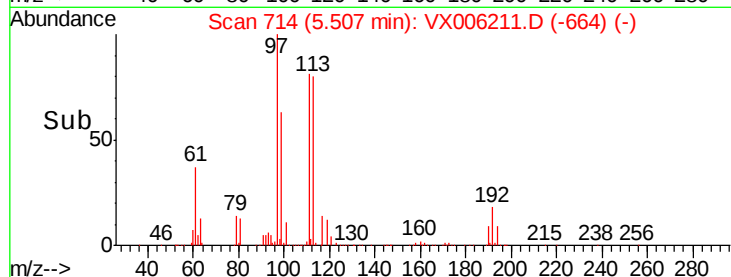
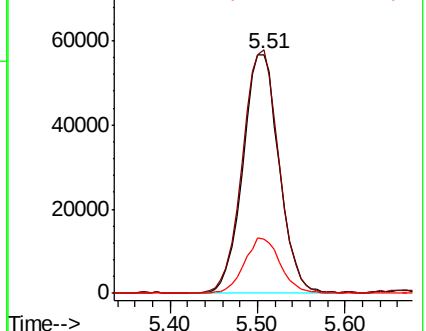
192 22.8 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.533 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

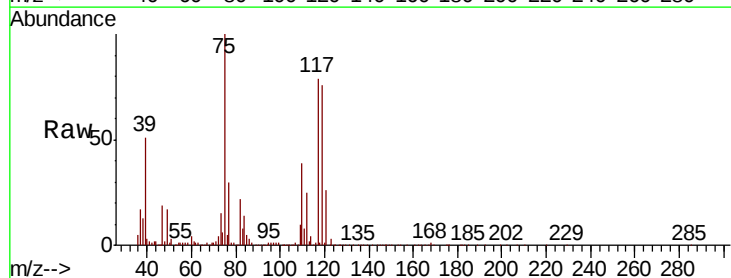
Tgt Ion: 75 Resp: 192745

Ion Ratio Lower Upper

75 100

110 40.4 20.4 61.3

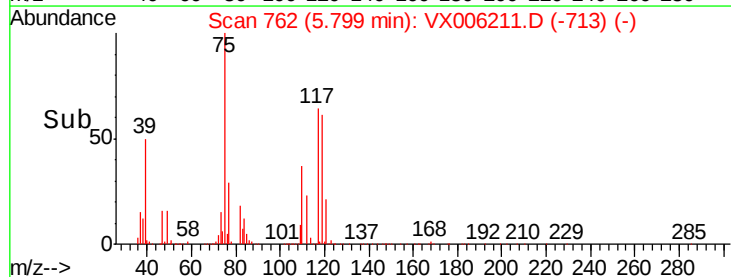
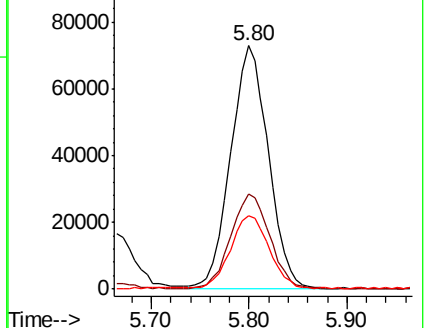
77 30.6 24.9 37.3

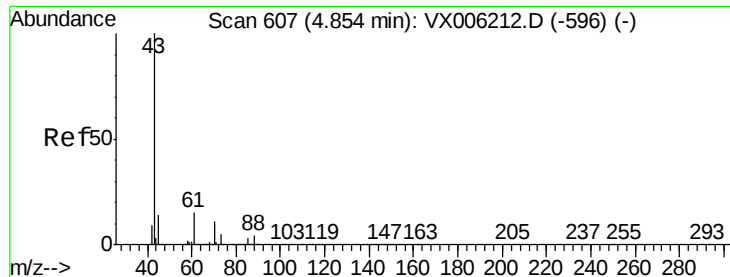


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

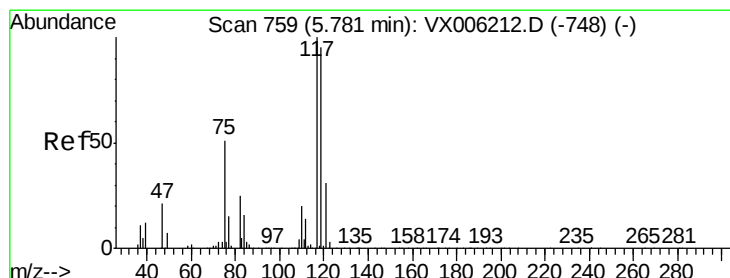
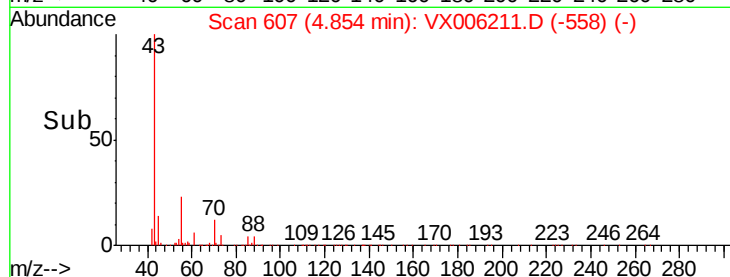
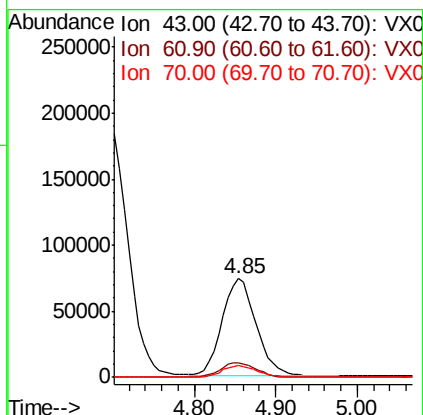
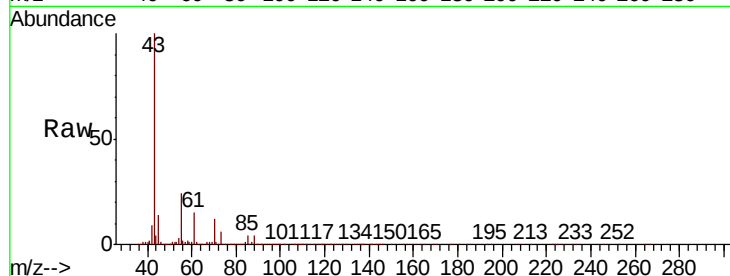




#37
Ethyl Acetate
Concen: 19.379 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

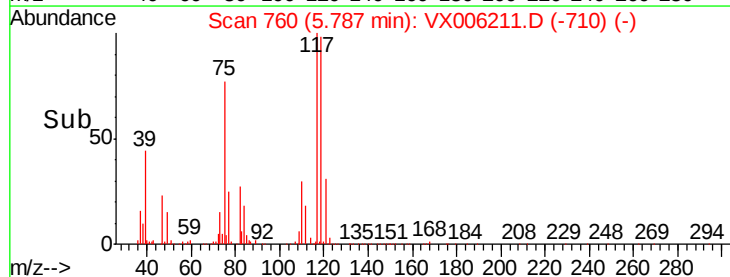
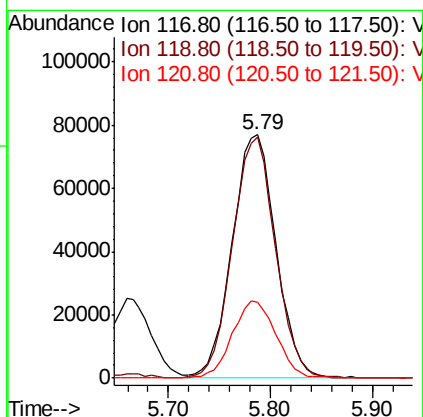
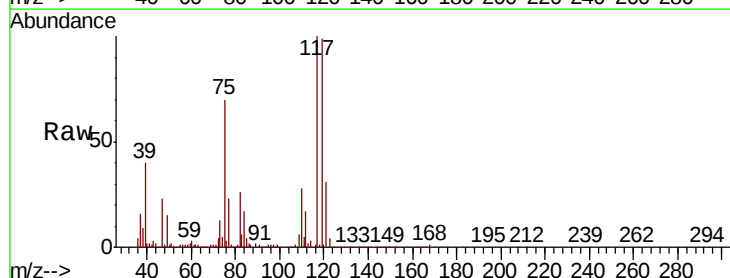
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

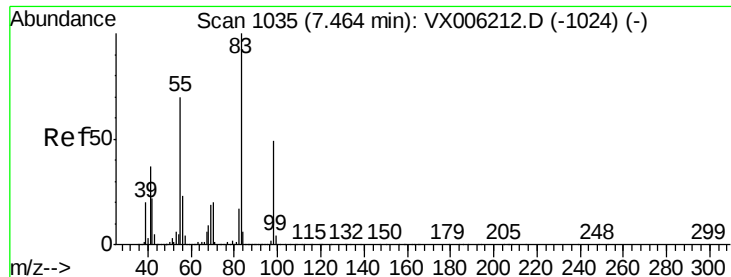
Tgt Ion: 43 Resp: 214144
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 11.7 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.598 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion: 117 Resp: 227502
Ion Ratio Lower Upper
117 100
119 99.2 75.8 113.8
121 31.3 24.6 37.0

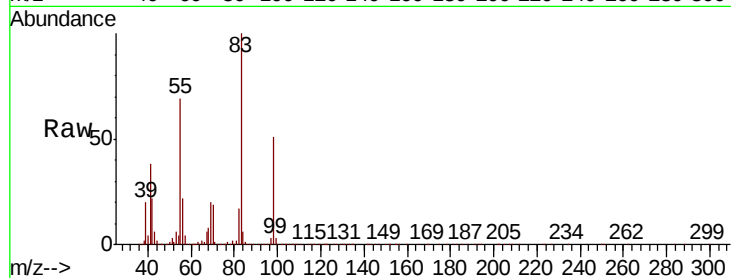




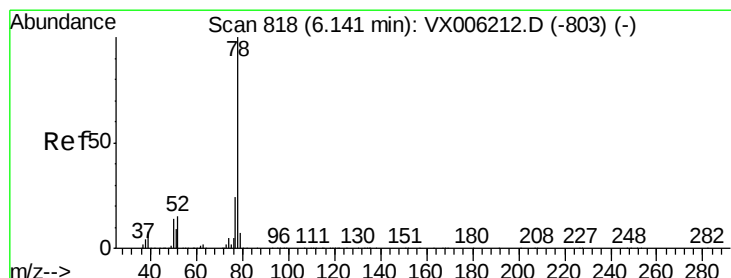
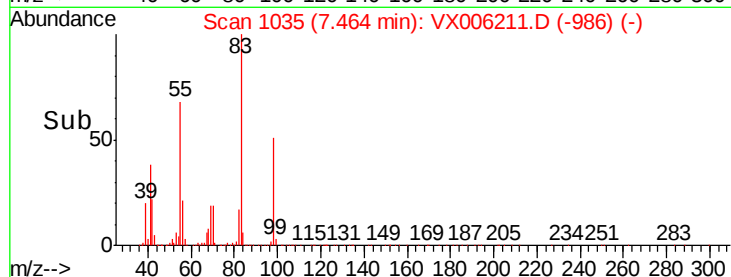
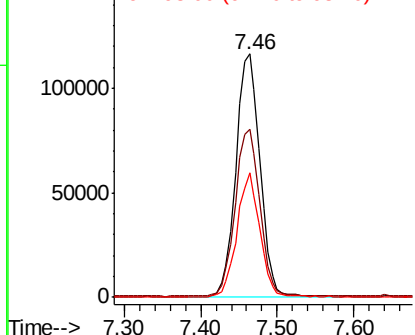
#39
Methylcyclohexane
Concen: 19.848 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 254228
Ion Ratio Lower Upper
83 100
55 68.7 56.4 84.6
98 50.8 39.0 58.6

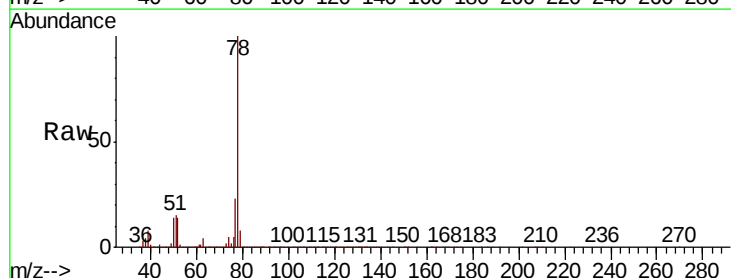


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

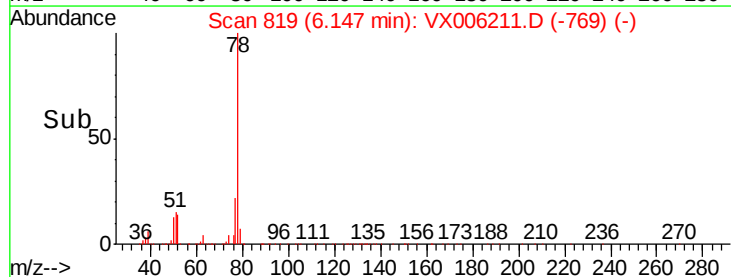
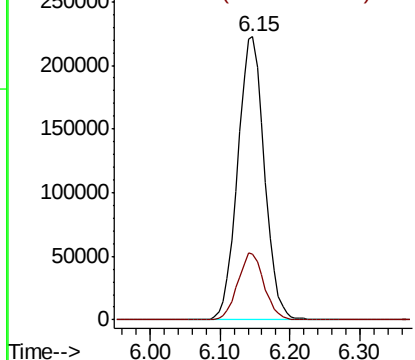


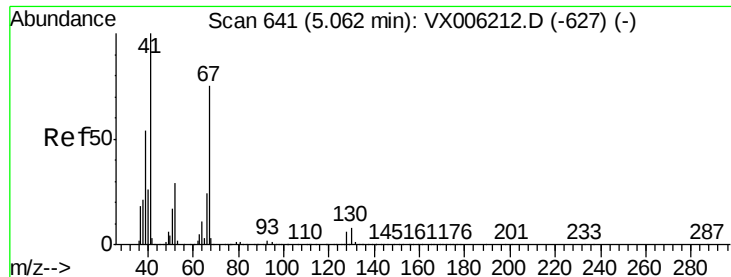
#40
Benzene
Concen: 19.960 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion: 78 Resp: 589903
Ion Ratio Lower Upper
78 100
77 23.1 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: 19.242 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 117000

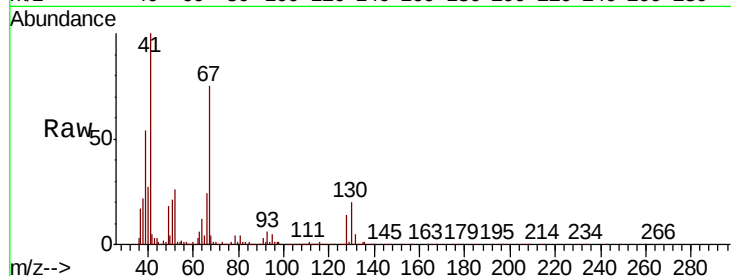
Ion Ratio Lower Upper

41 100

39 55.1 44.0 66.0

67 76.9 61.4 92.0

52 28.5 23.5 35.3

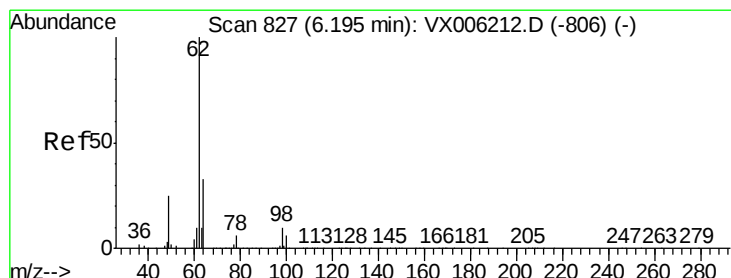
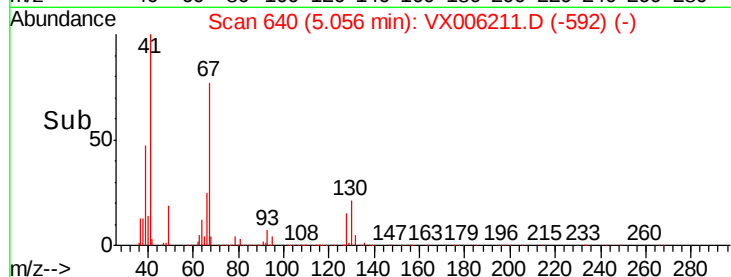
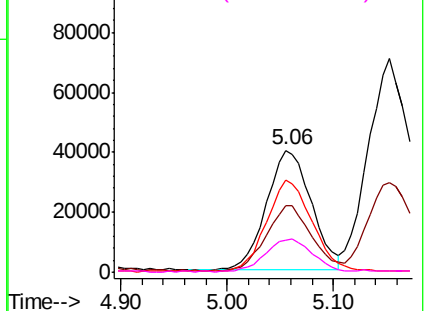


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.151 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006211.D

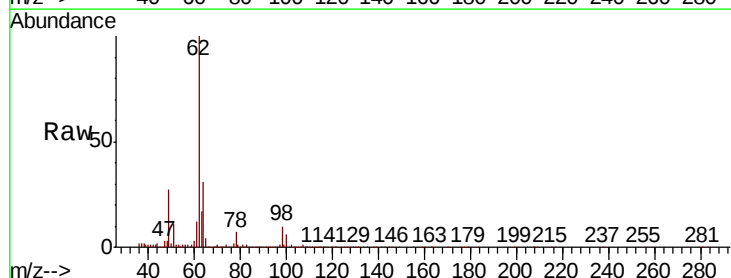
Acq: 29 Nov 2018 14:58

Tgt Ion: 62 Resp: 194914

Ion Ratio Lower Upper

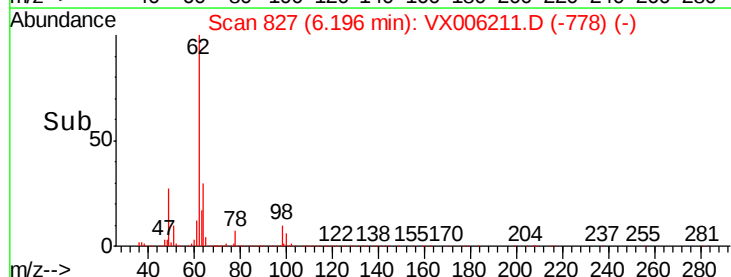
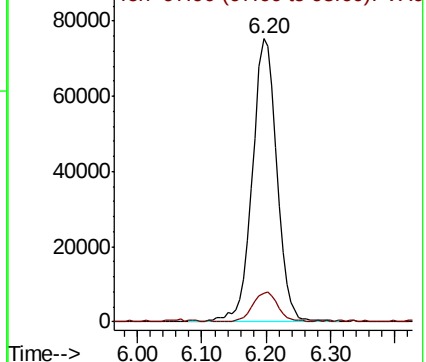
62 100

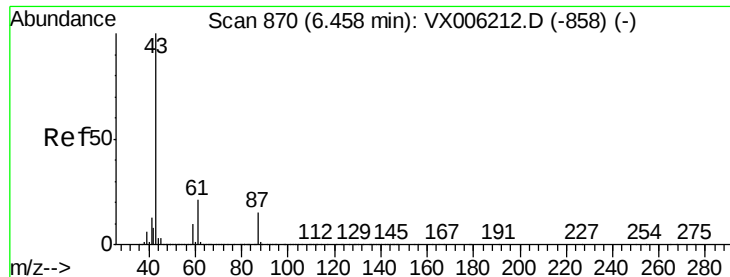
98 10.4 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.582 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

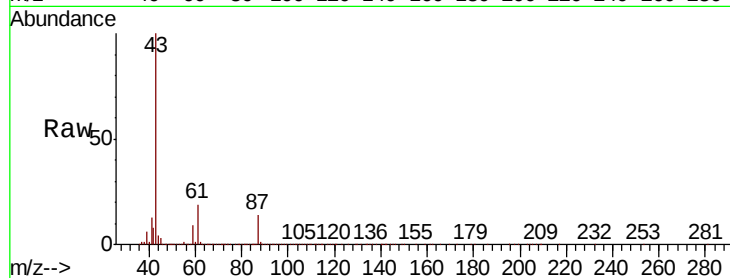
Tgt Ion: 43 Resp: 360790

Ion Ratio Lower Upper

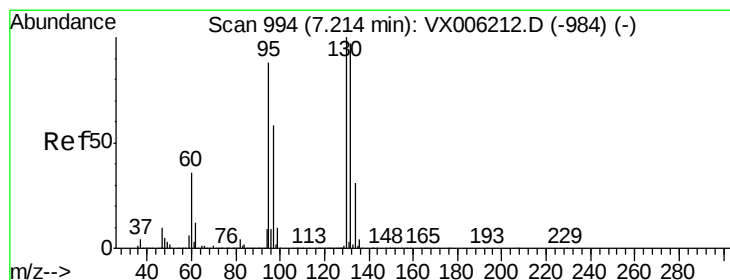
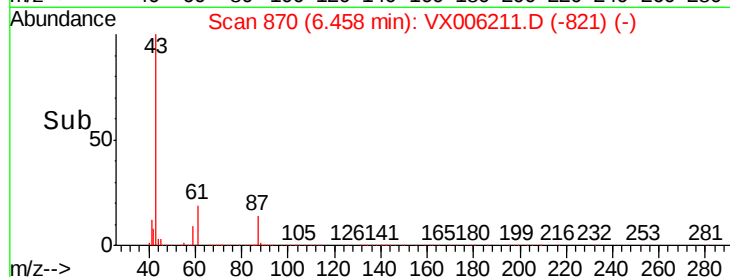
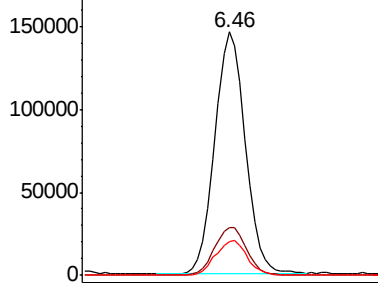
43 100

61 20.6 16.8 25.2

87 14.8 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: 19.270 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006211.D

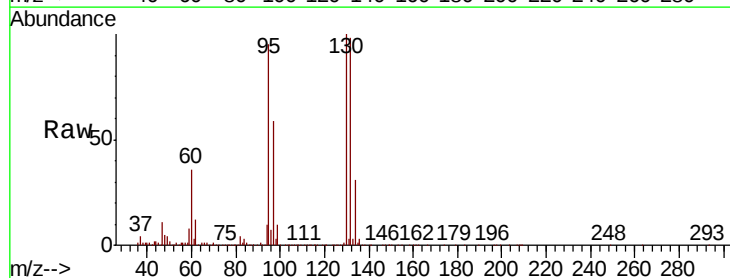
Acq: 29 Nov 2018 14:58

Tgt Ion: 130 Resp: 172531

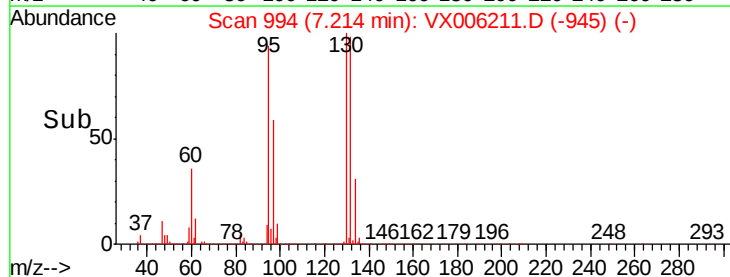
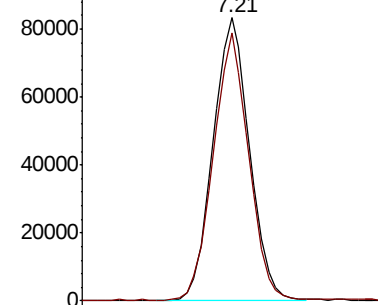
Ion Ratio Lower Upper

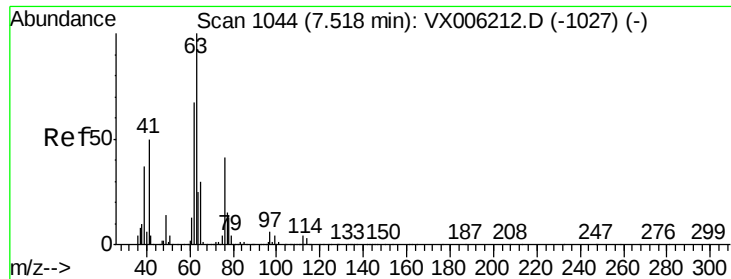
130 100

95 94.4 0.0 175.8



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

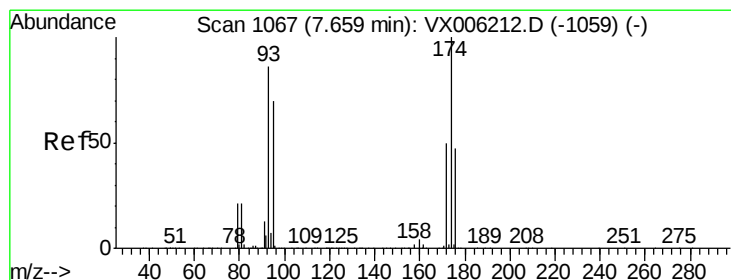
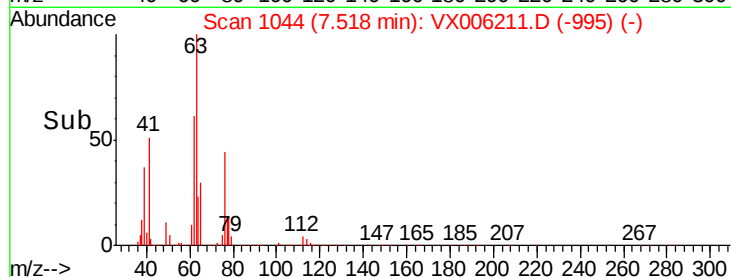
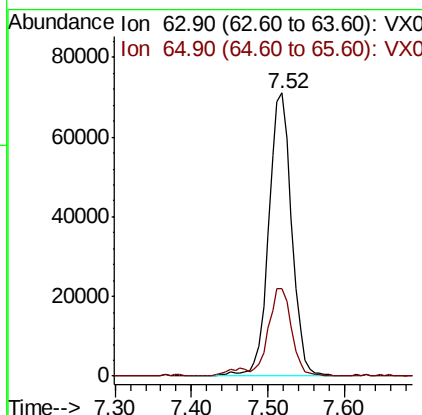
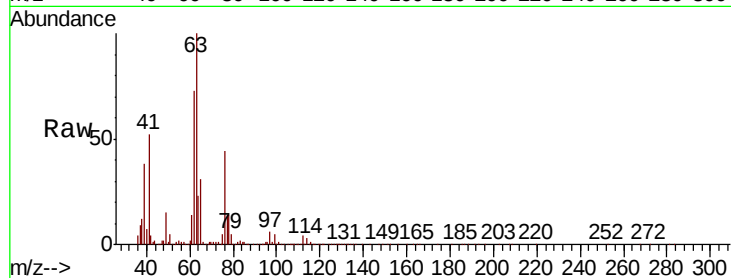




#45
 1,2-Dichloropropane
 Concen: 19.774 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

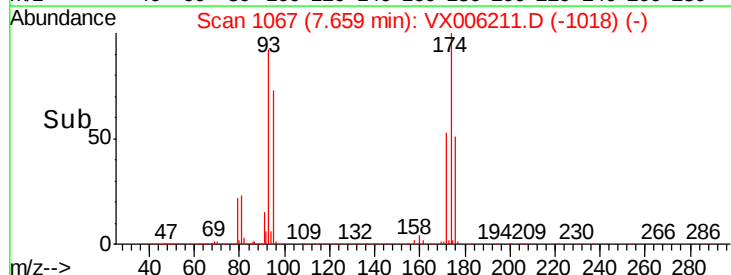
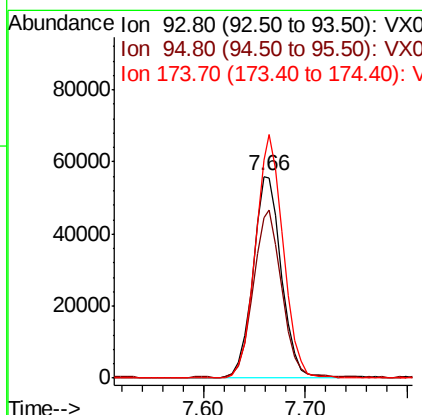
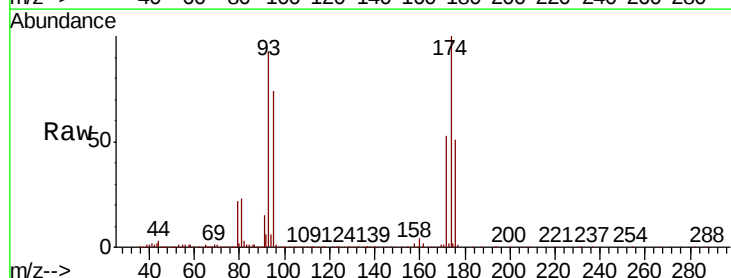
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

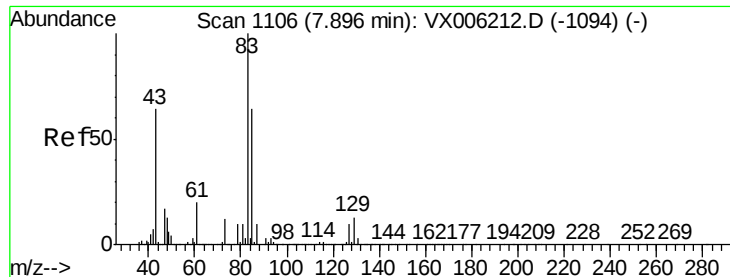
Tgt Ion: 63 Resp: 148527
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.3 36.5



#46
 Dibromomethane
 Concen: 19.873 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Tgt Ion: 93 Resp: 107808
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.2 99.4
 174 118.8 97.2 145.8





#47

Bromodichloromethane

Concen: 19.913 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

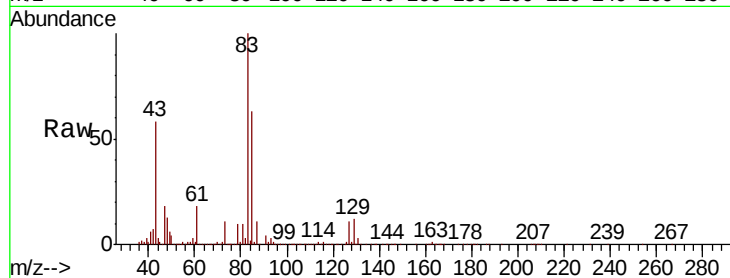
Tgt Ion: 83 Resp: 209191

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.0

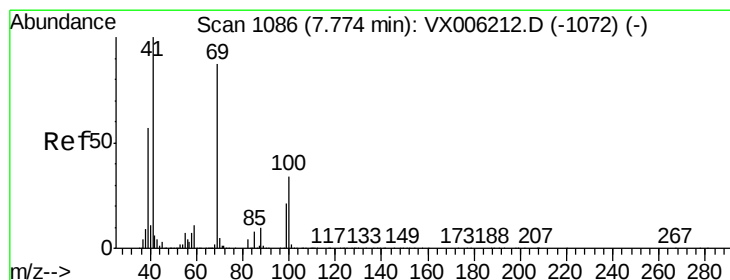
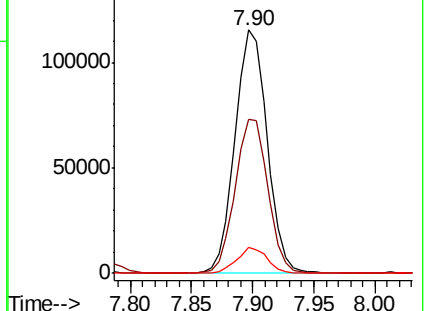
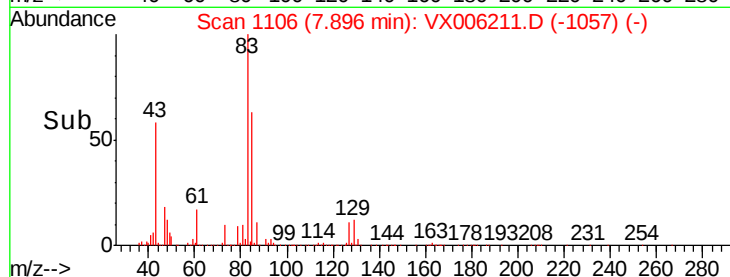
127 10.5 7.9 11.9



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: 19.602 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

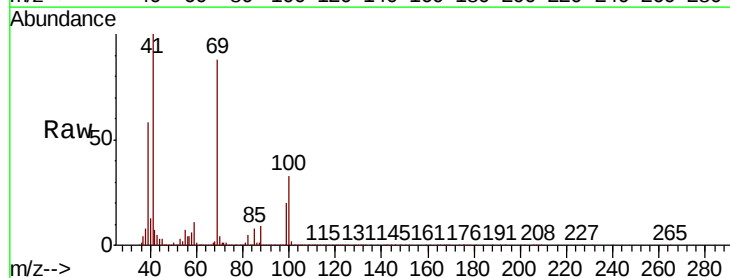
Tgt Ion: 41 Resp: 175699

Ion Ratio Lower Upper

41 100

69 89.0 70.3 105.5

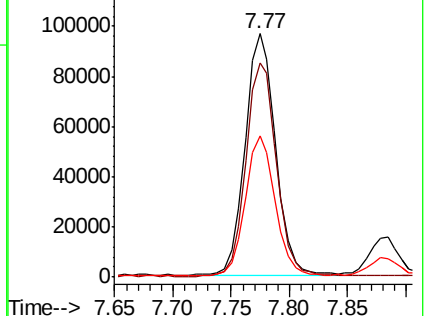
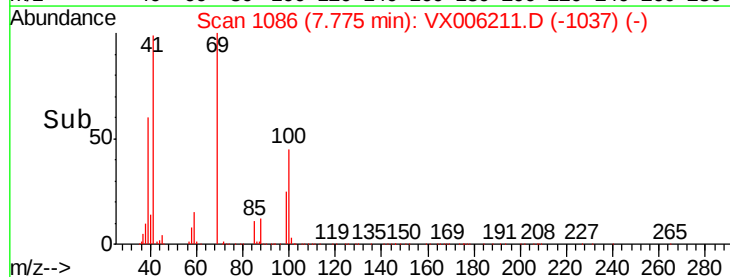
39 56.6 45.3 67.9

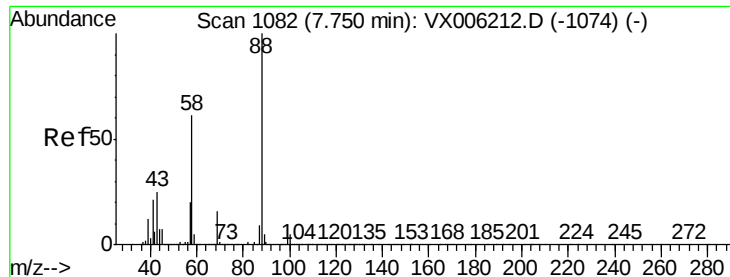


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 405.311 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

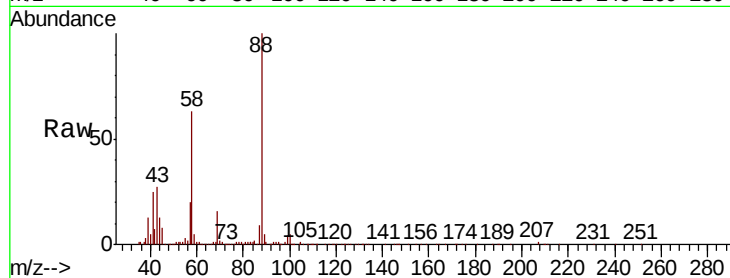
Tgt Ion: 88 Resp: 89537

Ion Ratio Lower Upper

88 100

43 28.9 23.2 34.8

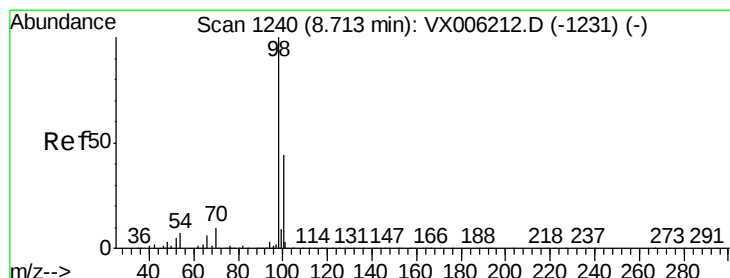
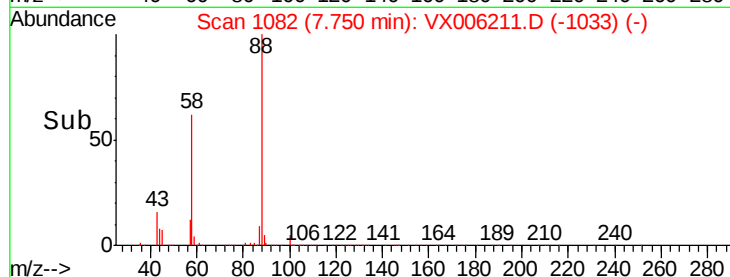
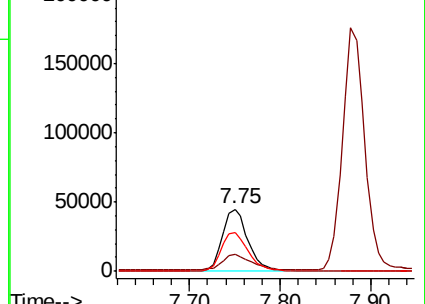
58 64.4 51.4 77.0



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: 21.352 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006211.D

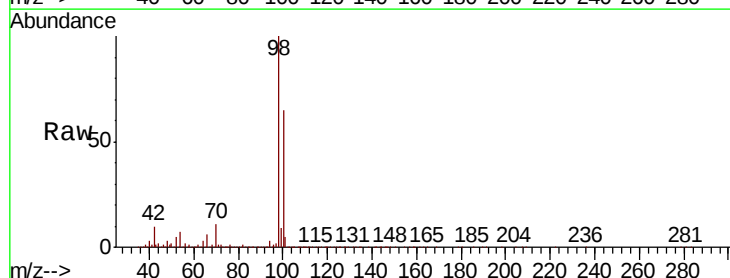
Acq: 29 Nov 2018 14:58

Tgt Ion: 98 Resp: 589230

Ion Ratio Lower Upper

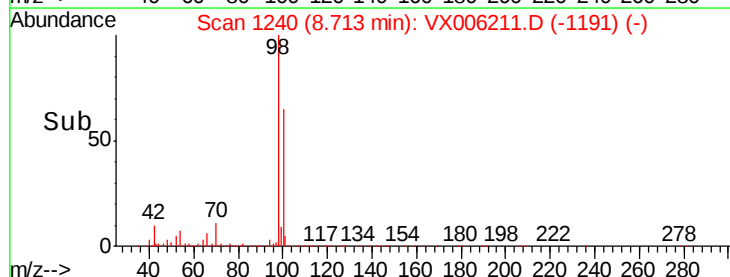
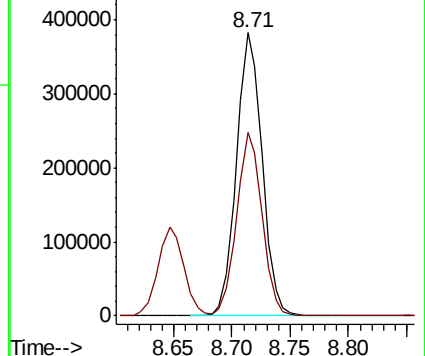
98 100

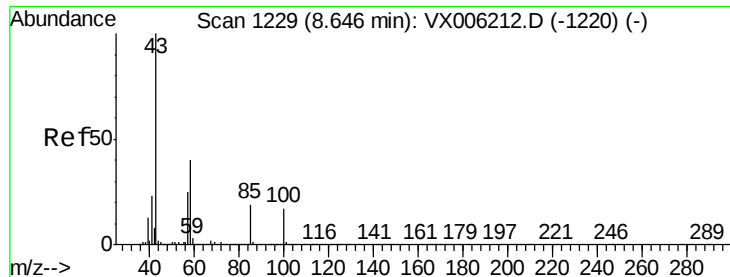
100 64.3 52.2 78.2



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: 100.534 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

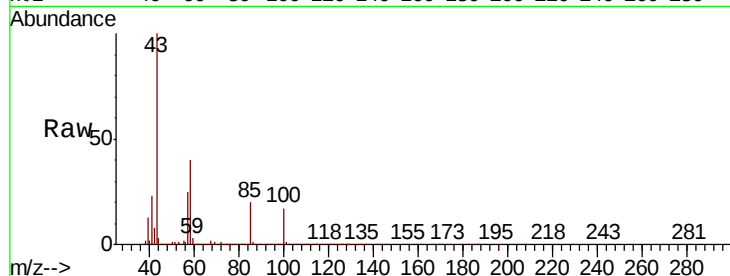
VSTDIC020

Tgt Ion: 43 Resp: 1078276

Ion Ratio Lower Upper

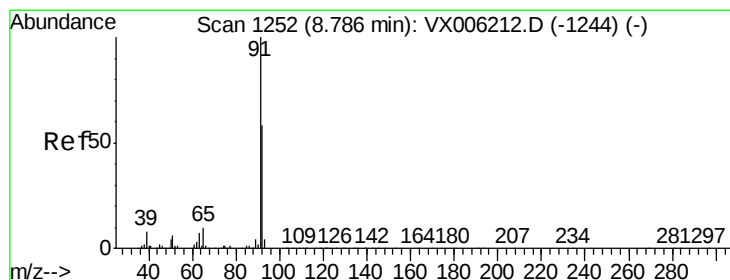
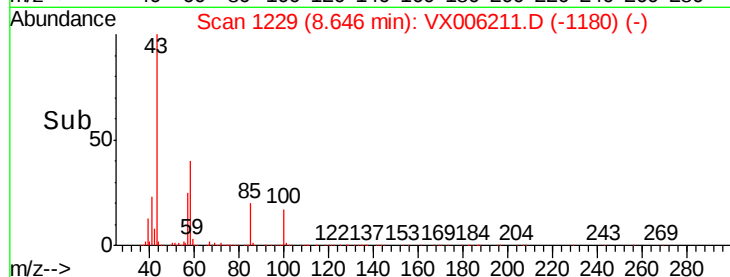
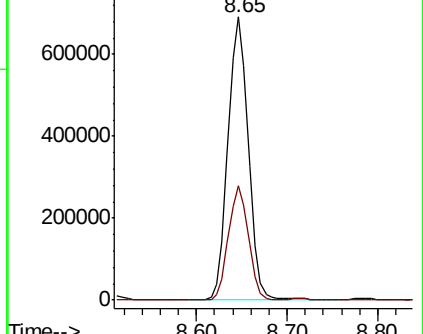
43 100

58 39.5 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.675 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006211.D

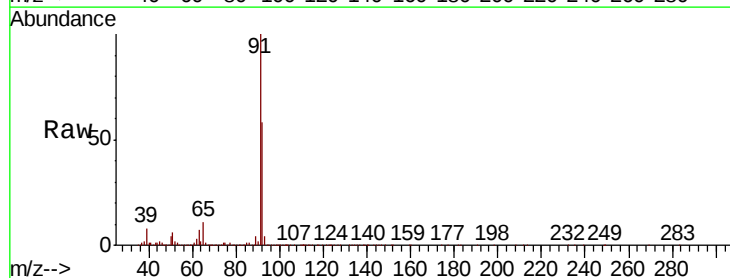
Acq: 29 Nov 2018 14:58

Tgt Ion: 92 Resp: 382551

Ion Ratio Lower Upper

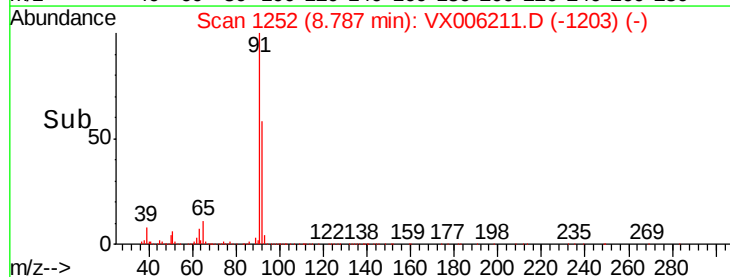
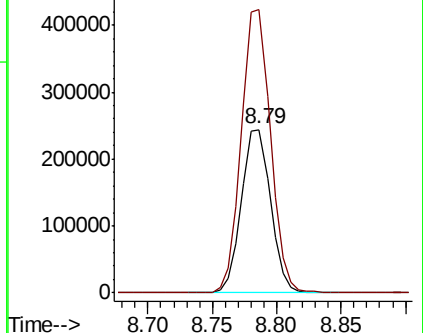
92 100

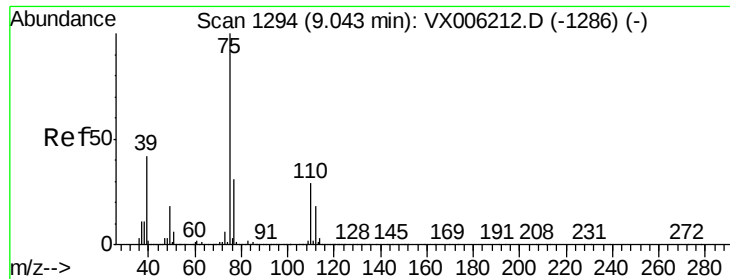
91 173.7 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.648 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

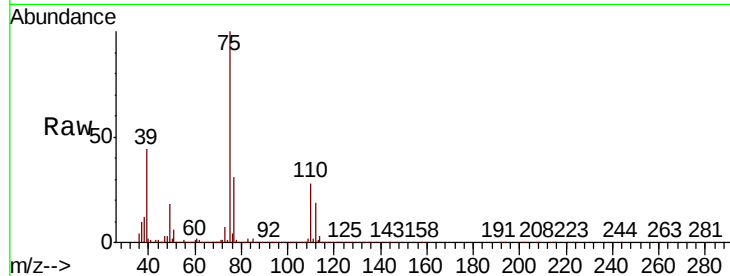
VSTDIC020

Tgt Ion: 75 Resp: 241389

Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

200000

150000

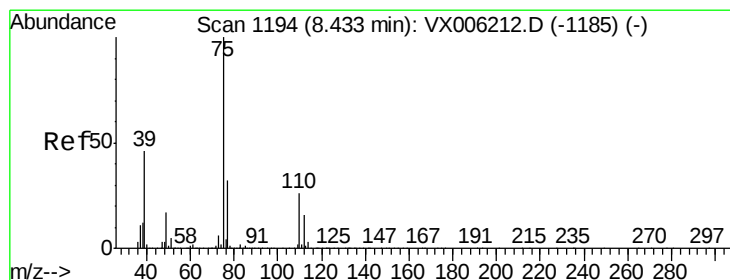
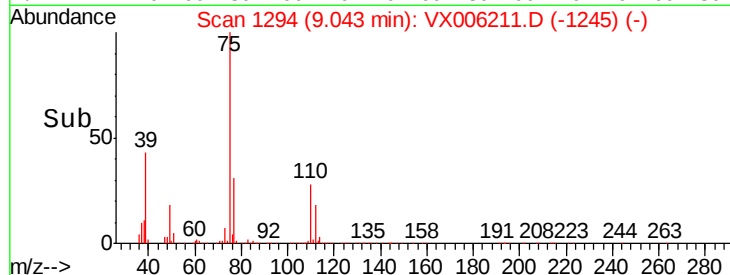
100000

50000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.310 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

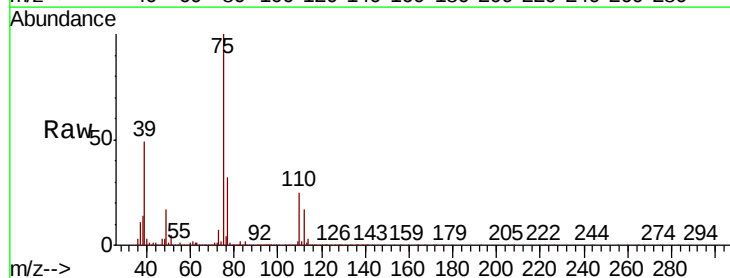
Tgt Ion: 75 Resp: 246352

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

39 48.2 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

150000

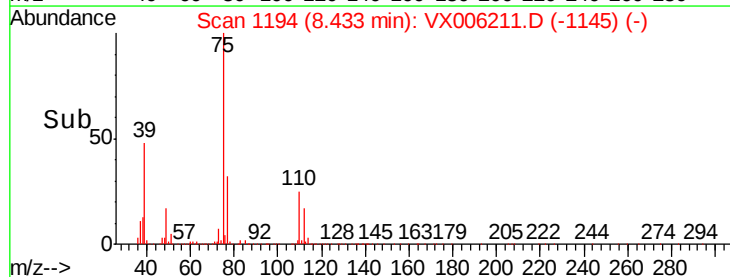
100000

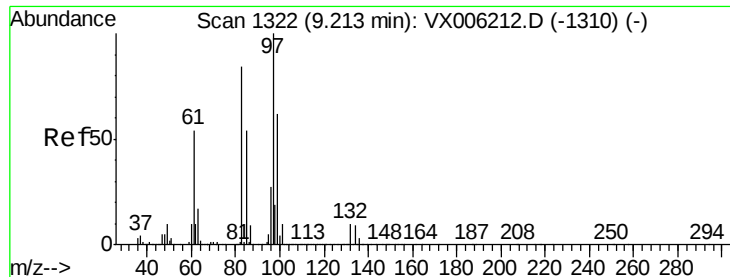
50000

0

8.35 8.40 8.45 8.50 8.55

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.971 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 157755

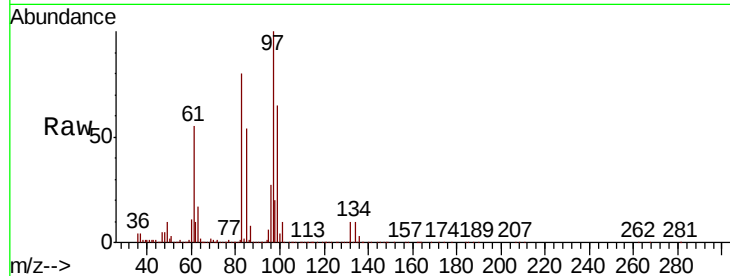
Ion Ratio Lower Upper

97 100

83 80.0 67.1 100.7

85 53.3 43.2 64.8

99 64.8 49.8 74.6

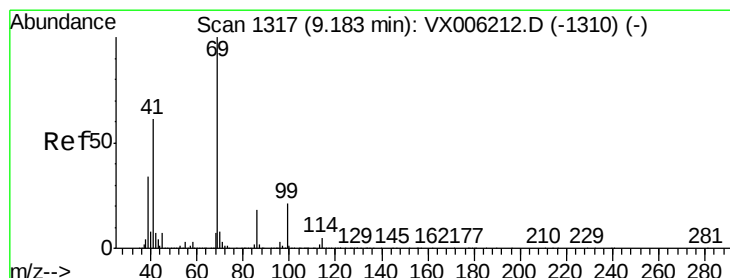
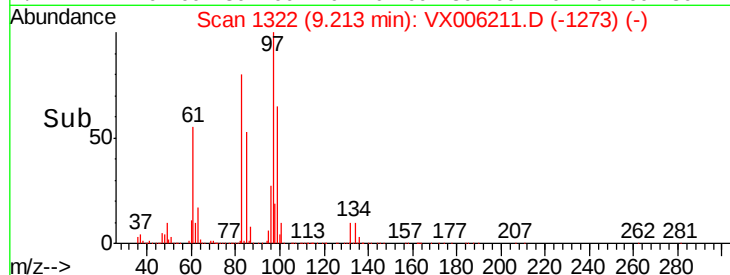
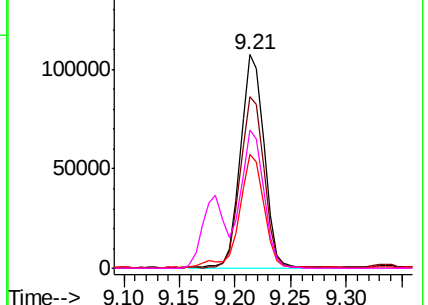


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.842 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

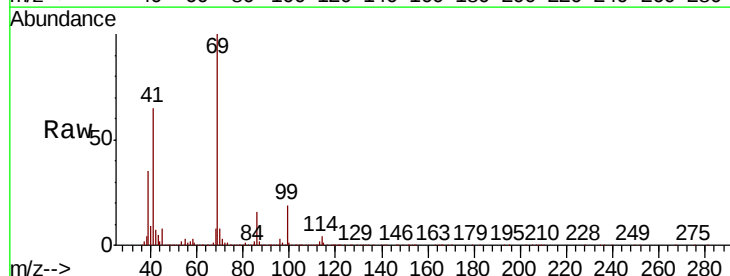
Tgt Ion: 69 Resp: 245027

Ion Ratio Lower Upper

69 100

41 63.4 50.6 76.0

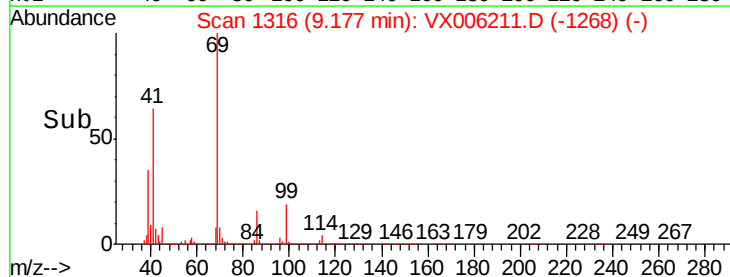
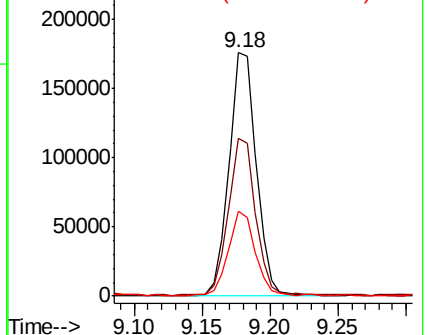
39 33.6 27.6 41.4

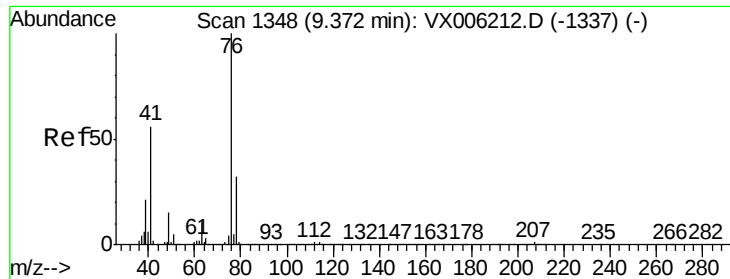


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.872 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

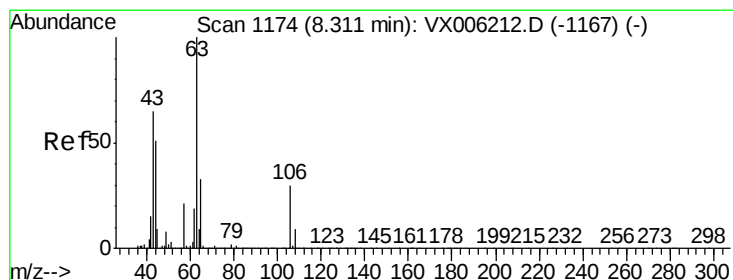
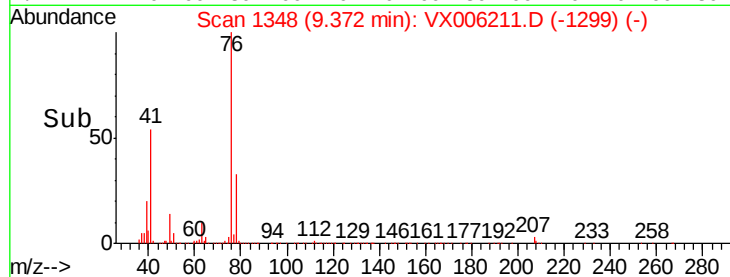
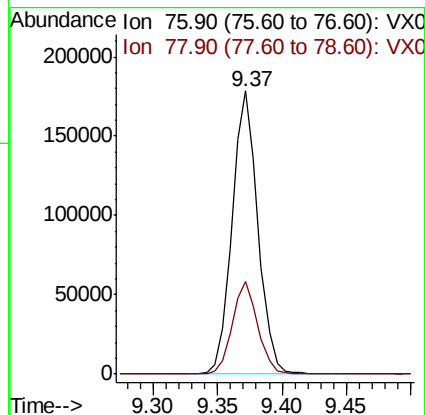
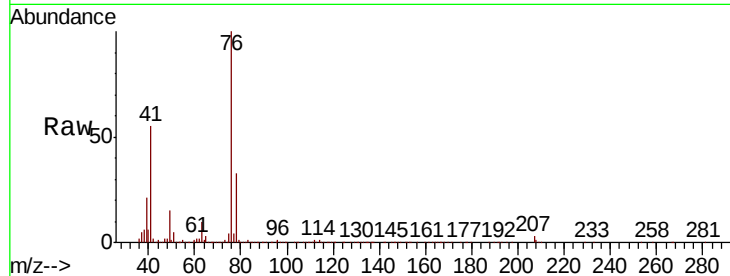
VSTDIC020

Tgt Ion: 76 Resp: 248219

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 99.897 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006211.D

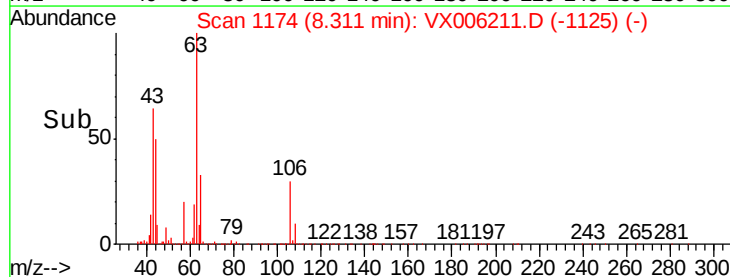
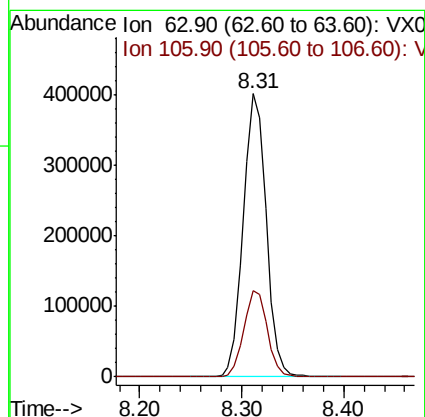
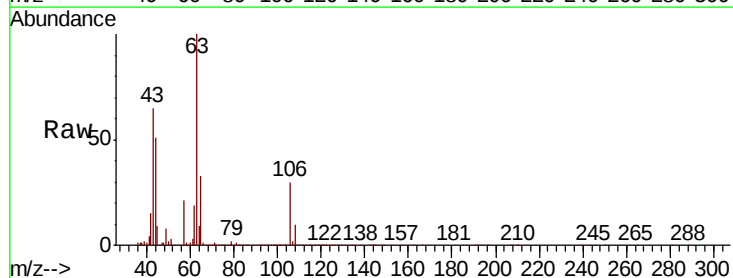
Acq: 29 Nov 2018 14:58

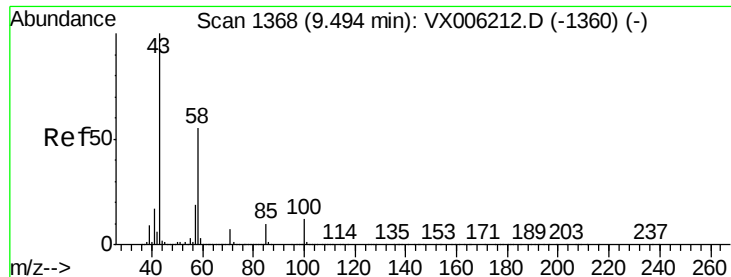
Tgt Ion: 63 Resp: 625993

Ion Ratio Lower Upper

63 100

106 31.1 24.9 37.3

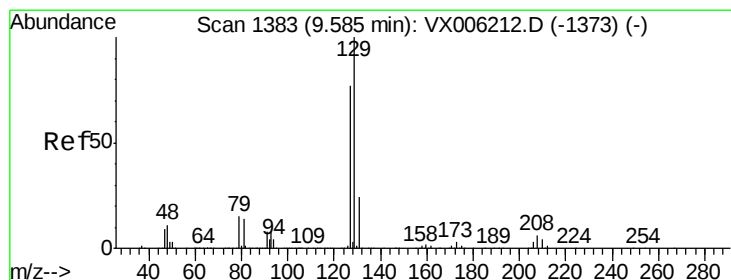
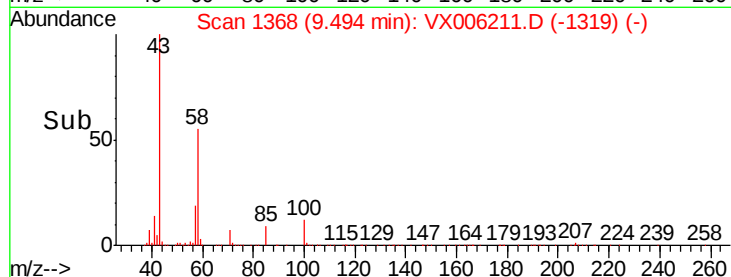
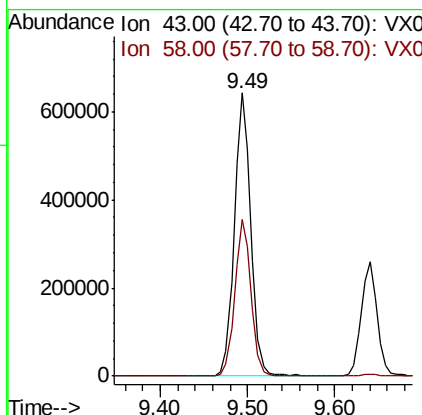
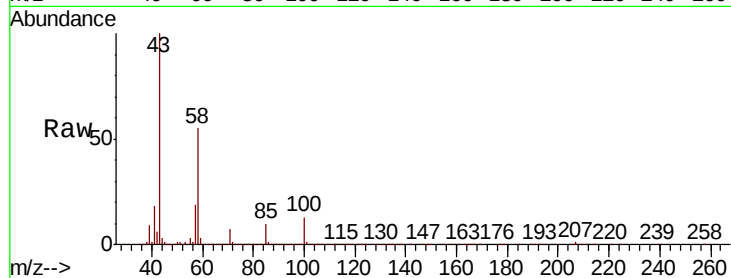




#59
2-Hexanone
Concen: 102.861 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

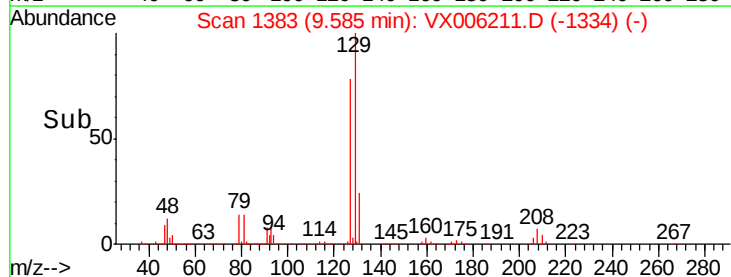
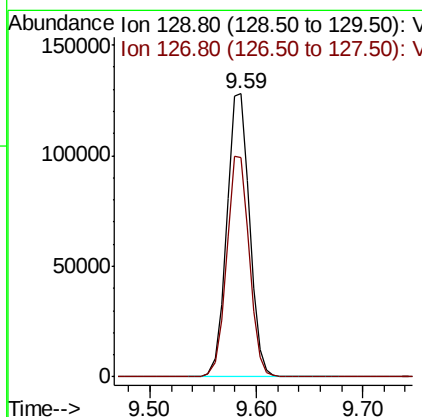
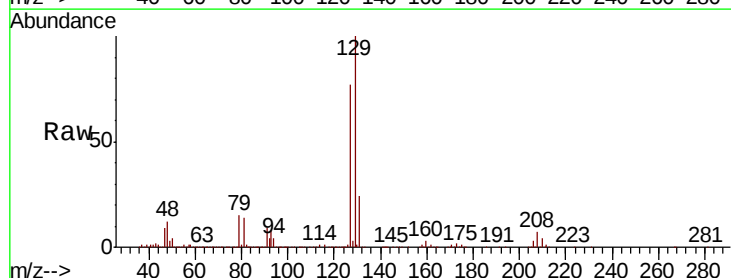
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

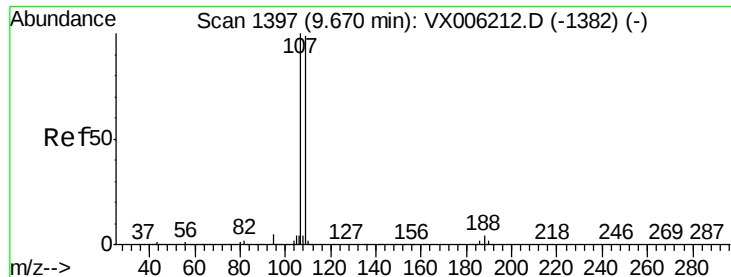
Tgt Ion: 43 Resp: 842871
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1



#60
Dibromochloromethane
Concen: 19.668 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion: 129 Resp: 191571
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.824 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampled :

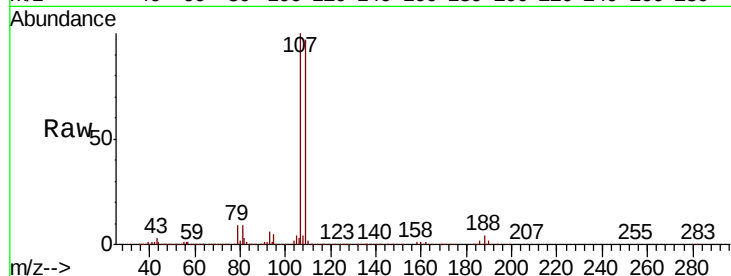
VSTDIC020

Tgt Ion: 107 Resp: 175096

Ion Ratio Lower Upper

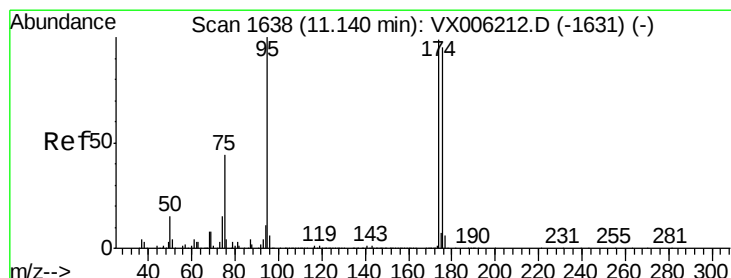
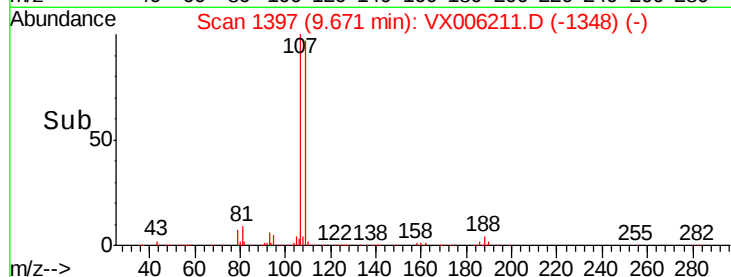
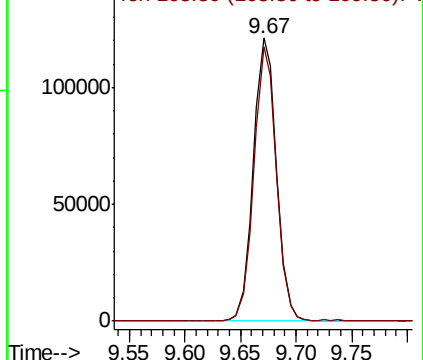
107 100

109 94.5 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 21.429 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

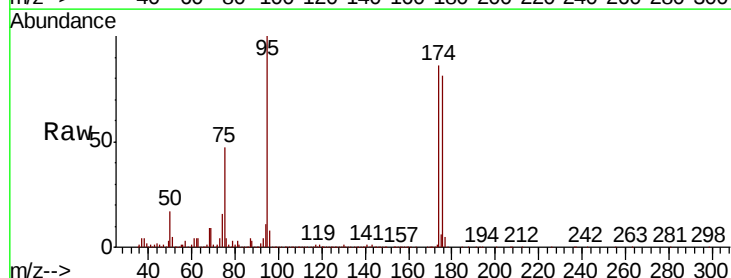
Tgt Ion: 95 Resp: 222840

Ion Ratio Lower Upper

95 100

174 93.7 0.0 187.0

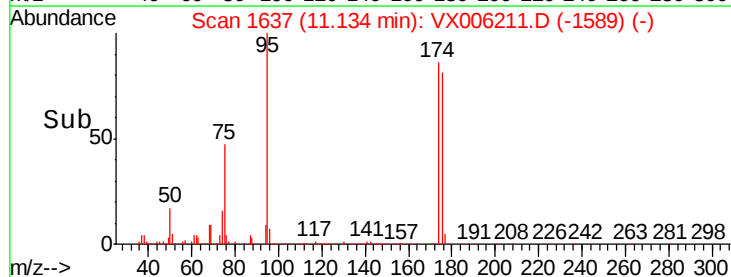
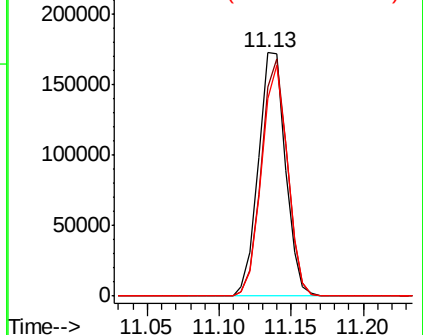
176 91.0 0.0 181.8

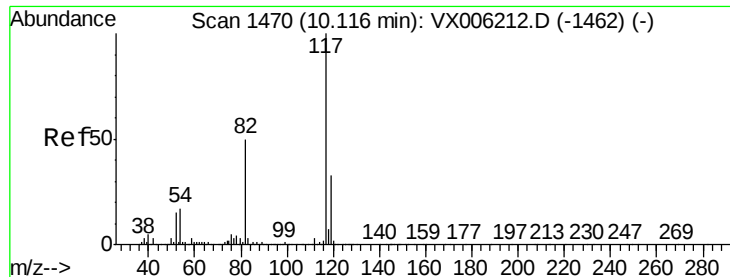


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

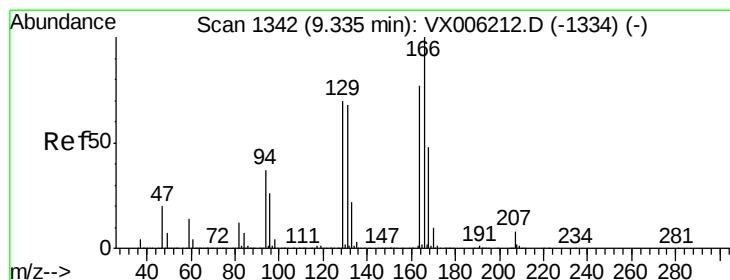
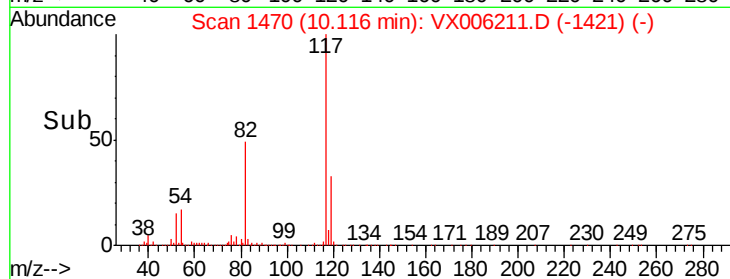
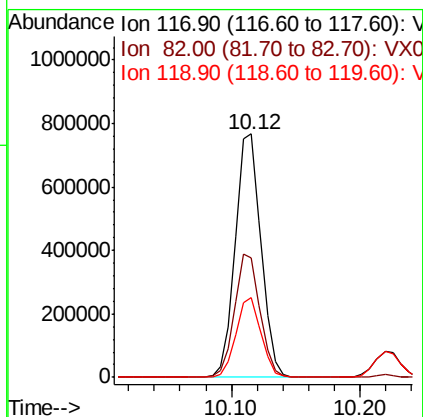
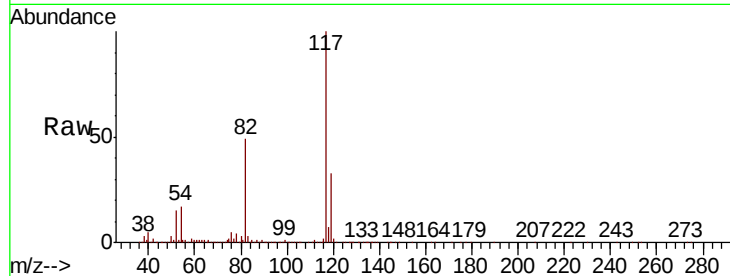




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

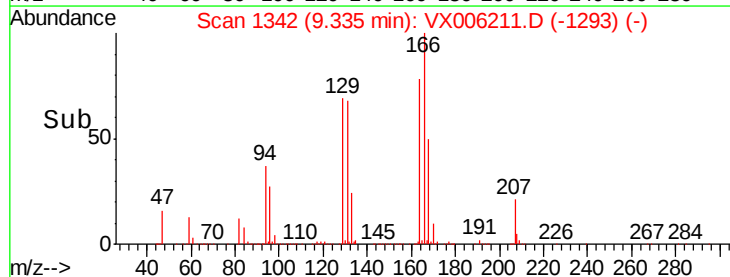
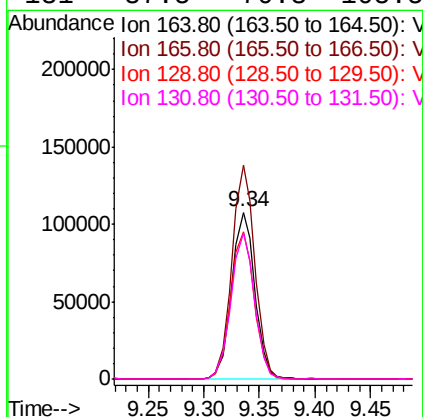
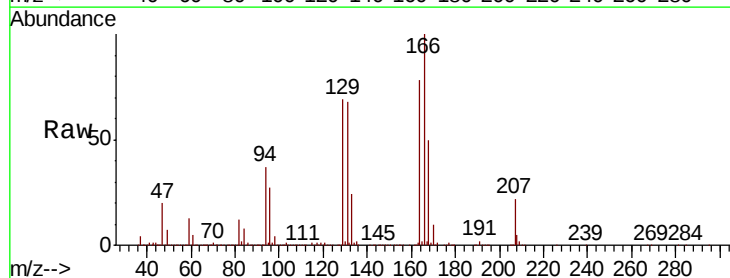
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

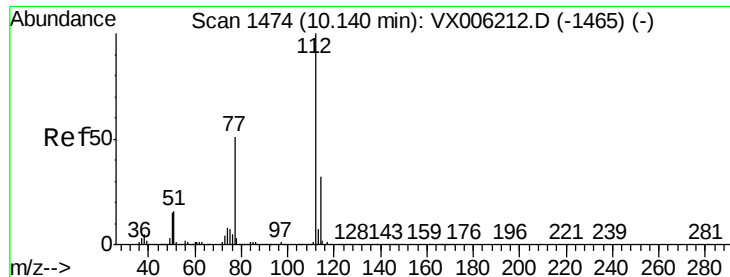
Tgt Ion:117 Resp: 1069022
Ion Ratio Lower Upper
117 100
82 49.0 39.6 59.4
119 32.6 26.3 39.5



#64
Tetrachloroethene
Concen: 19.304 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion:164 Resp: 155413
Ion Ratio Lower Upper
164 100
166 127.8 104.2 156.2
129 87.7 72.6 108.8
131 87.5 70.3 105.5

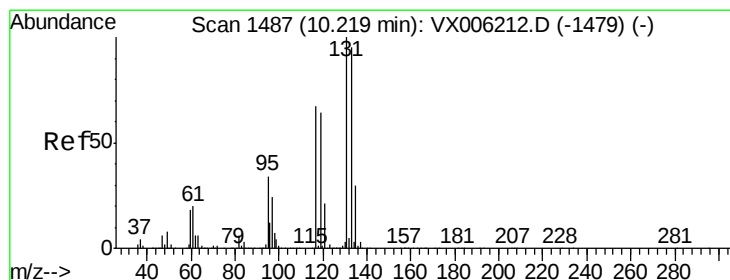
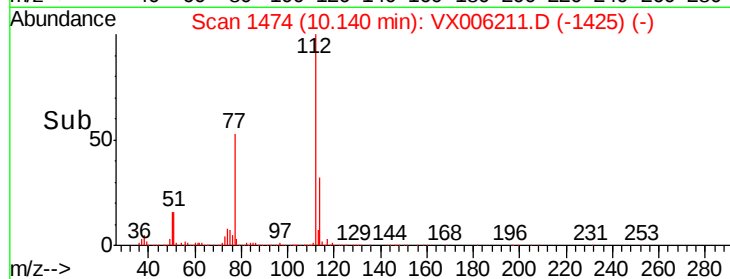
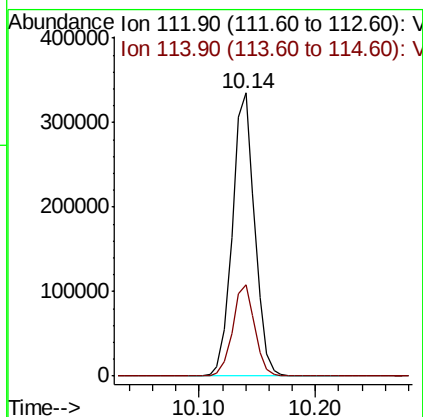
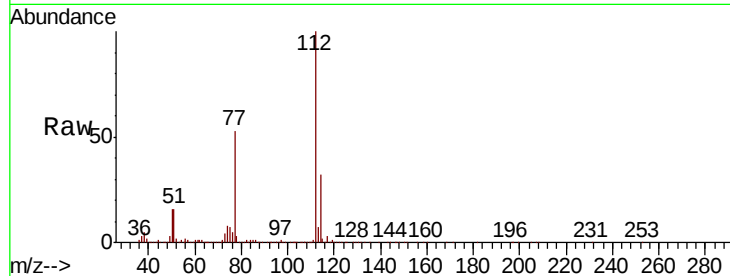




#65
Chlorobenzene
Concen: 19.687 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

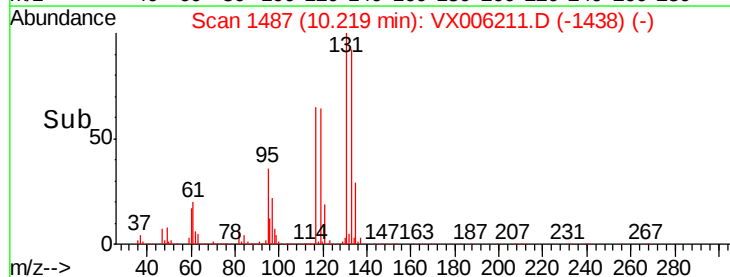
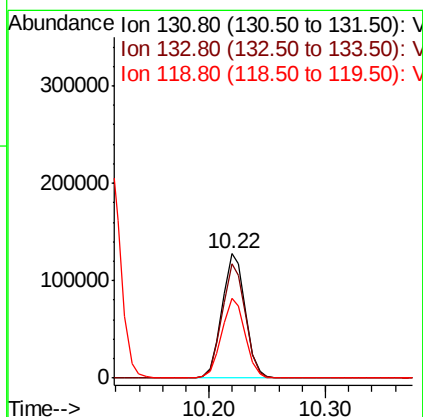
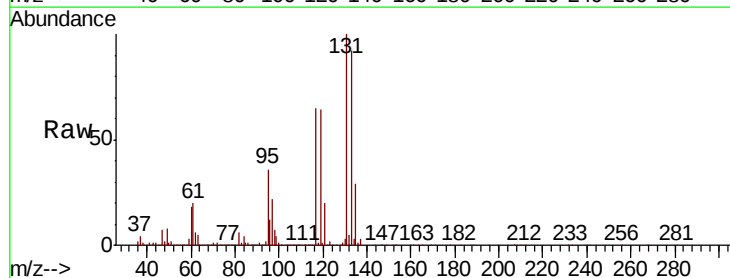
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

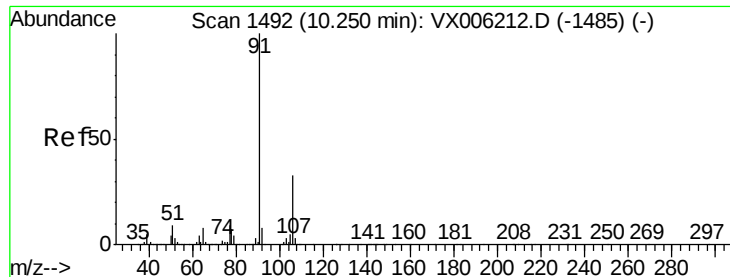
Tgt Ion:112 Resp: 446763
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.927 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion:131 Resp: 175694
Ion Ratio Lower Upper
131 100
133 91.9 48.1 144.4
119 64.1 32.1 96.3





#67

Ethyl Benzene

Concen: 19.594 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

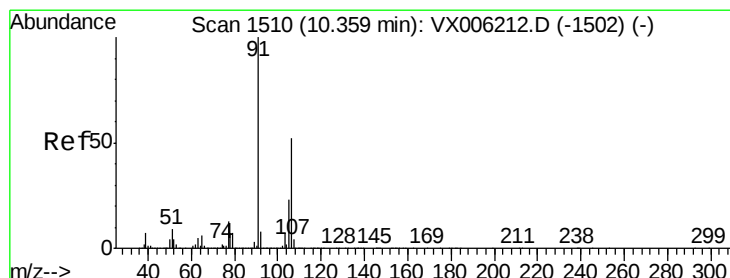
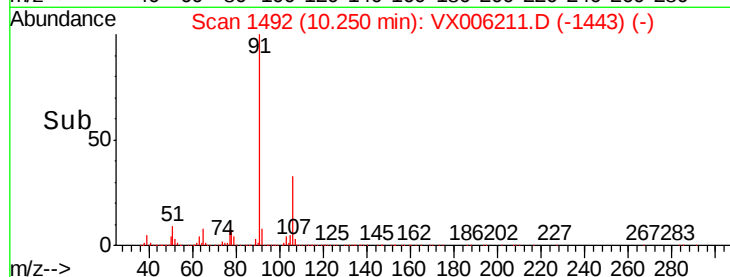
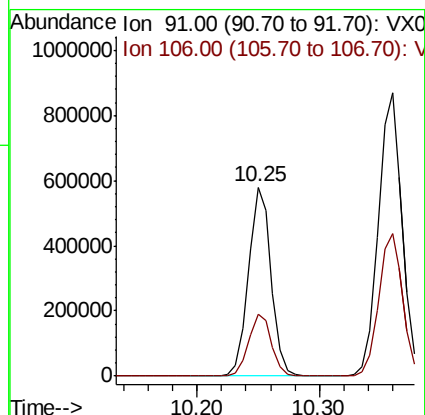
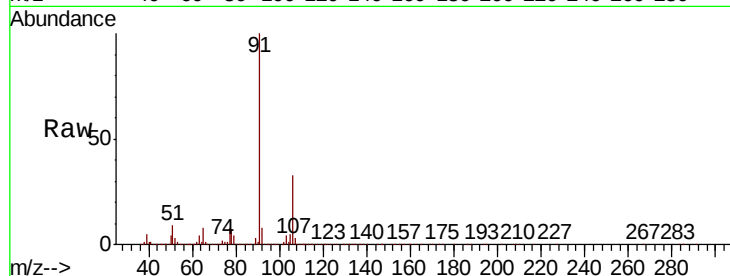
VSTDIC020

Tgt Ion: 91 Resp: 739522

Ion Ratio Lower Upper

91 100

106 32.8 26.5 39.7



#68

m/p-Xylenes

Concen: 39.506 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006211.D

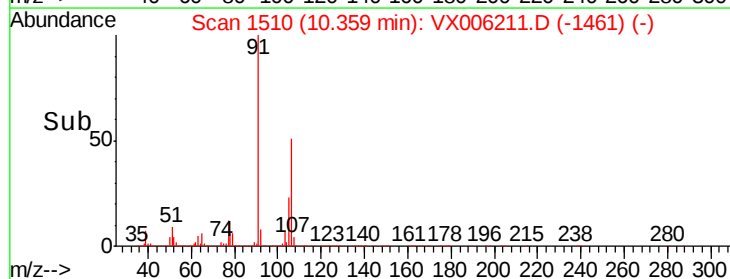
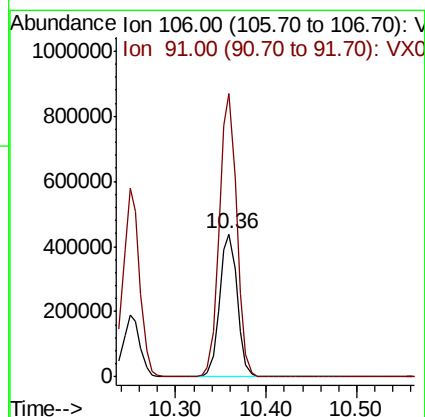
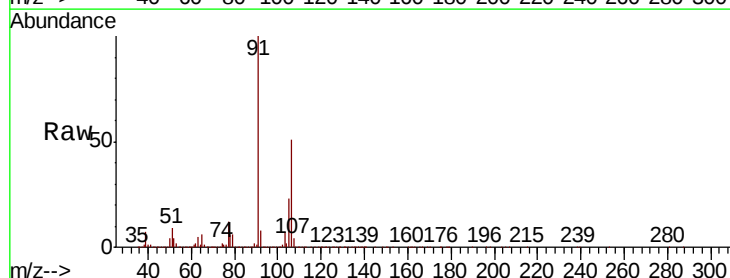
Acq: 29 Nov 2018 14:58

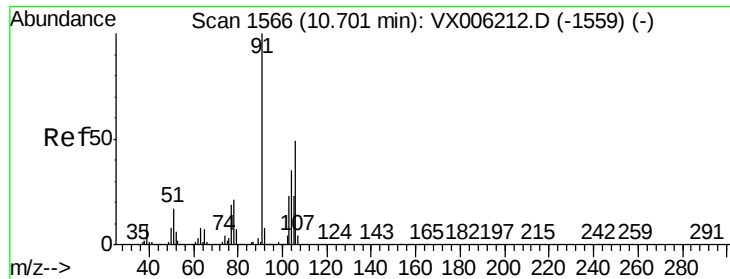
Tgt Ion: 106 Resp: 597285

Ion Ratio Lower Upper

106 100

91 195.3 155.2 232.8

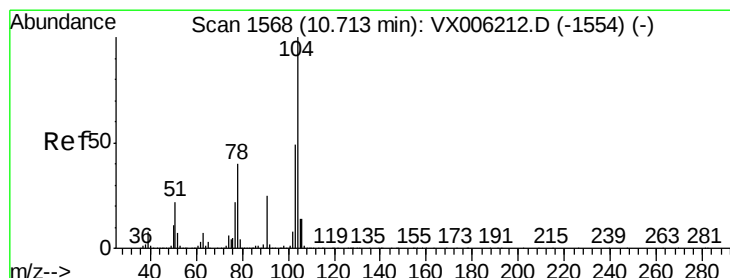
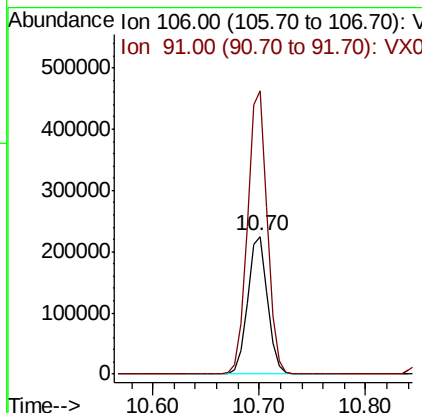
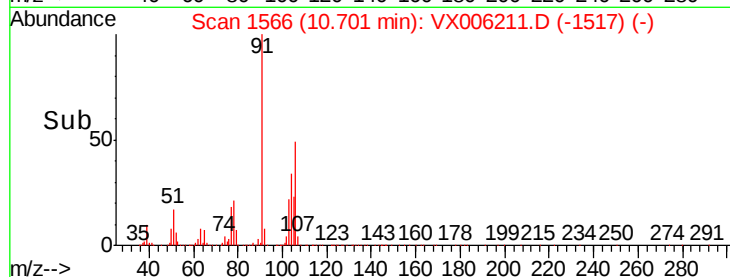
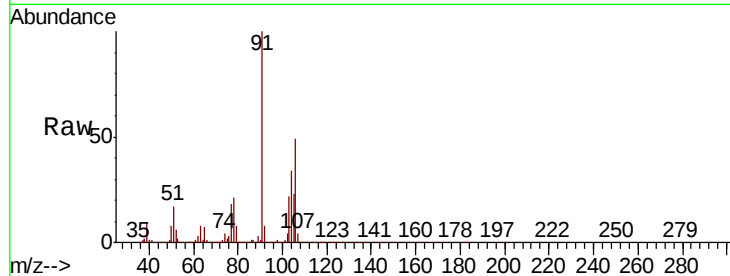




#69
o-Xylene
Concen: 19.649 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

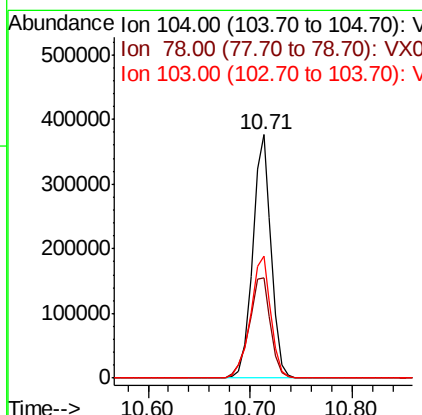
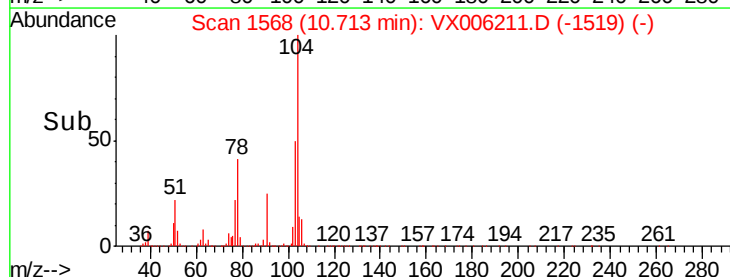
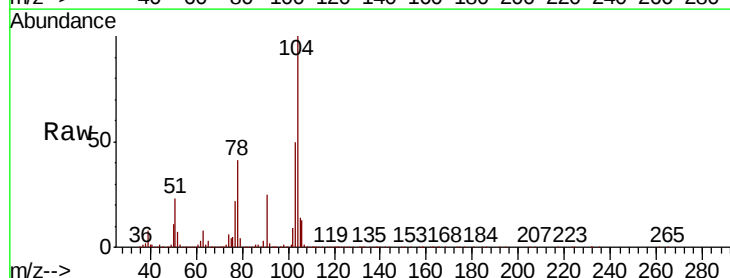
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

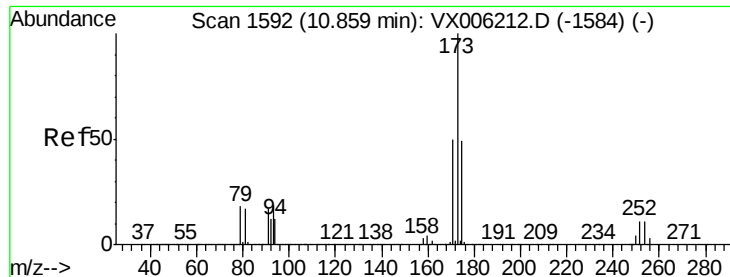
Tgt Ion:106 Resp: 293437
Ion Ratio Lower Upper
106 100
91 204.2 101.8 305.6



#70
Styrene
Concen: 19.713 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion:104 Resp: 476125
Ion Ratio Lower Upper
104 100
78 47.7 37.2 55.8
103 54.8 43.5 65.3





#71

Bromoform

Concen: 19.442 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

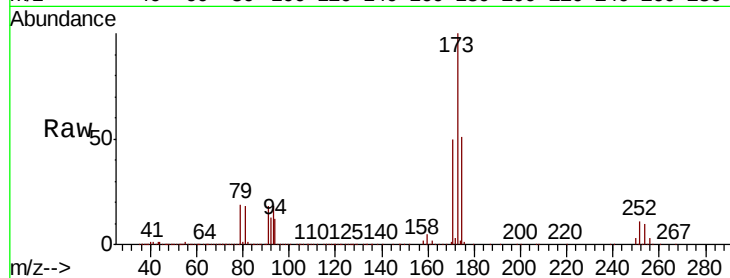
Tgt Ion:173 Resp: 161819

Ion Ratio Lower Upper

173 100

175 50.5 24.6 73.8

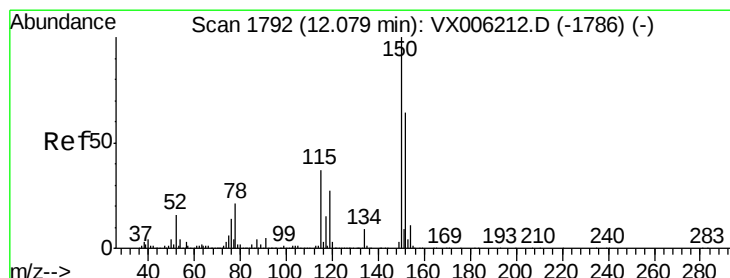
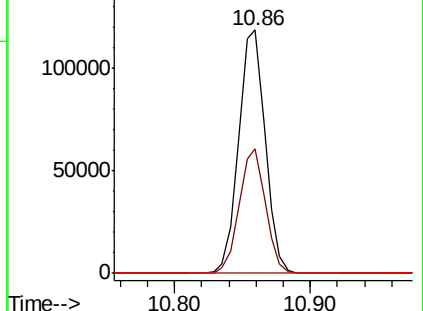
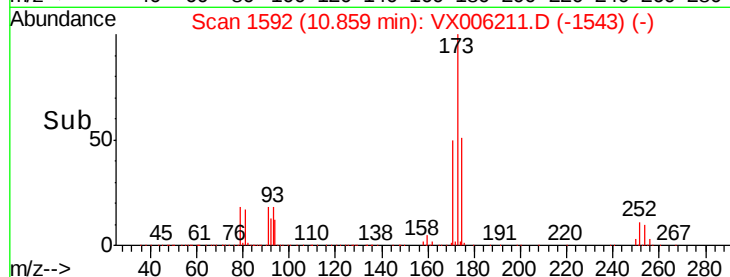
254 0.1 0.2 0.2#



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: VX006211.D

Acq: 29 Nov 2018 14:58

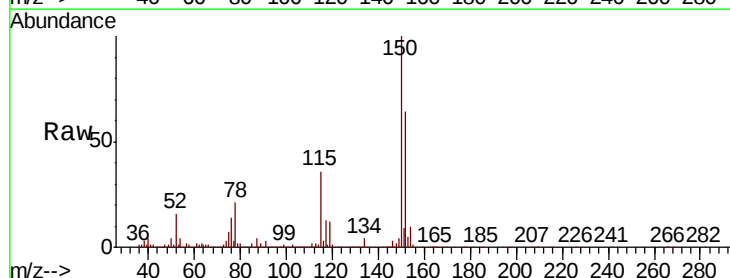
Tgt Ion:152 Resp: 564383

Ion Ratio Lower Upper

152 100

115 64.3 39.0 116.9

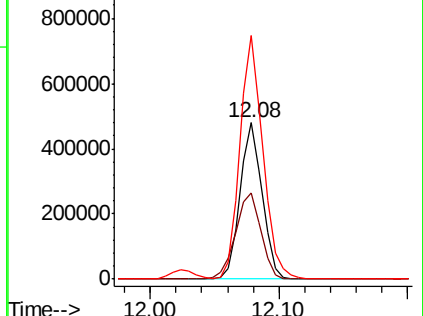
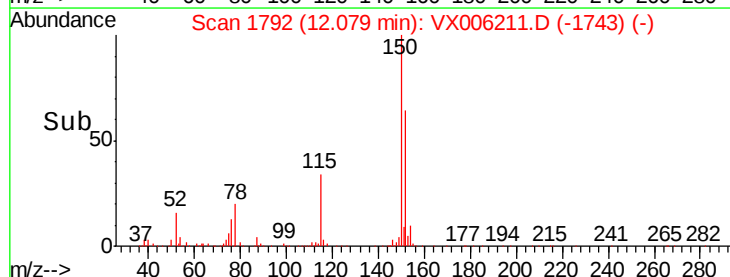
150 163.2 0.0 345.8

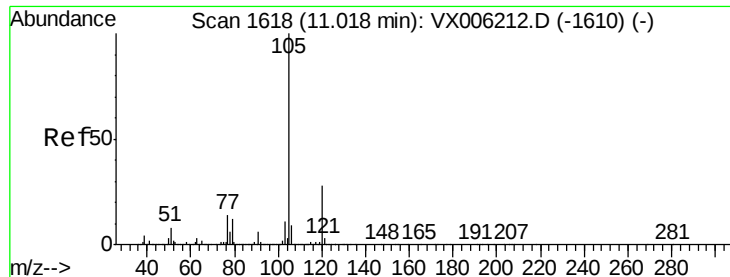


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.913 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

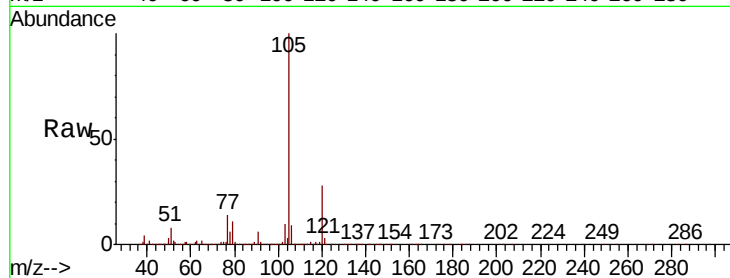
VSTDIC020

Tgt Ion:105 Resp: 776127

Ion Ratio Lower Upper

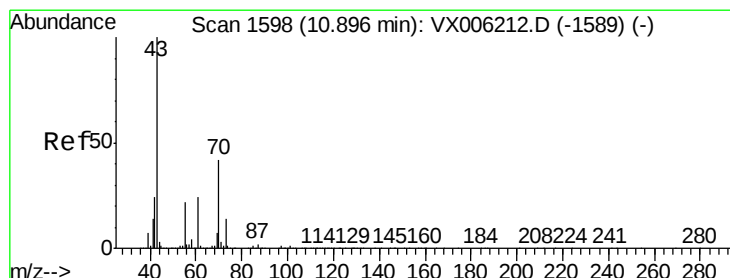
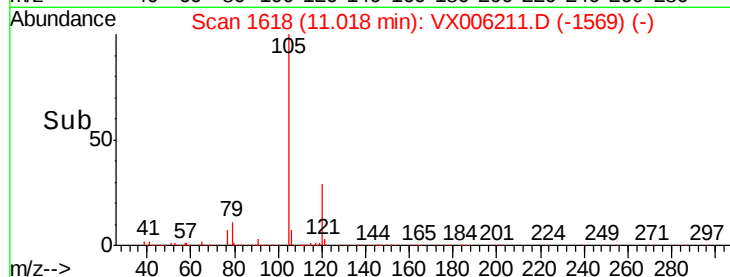
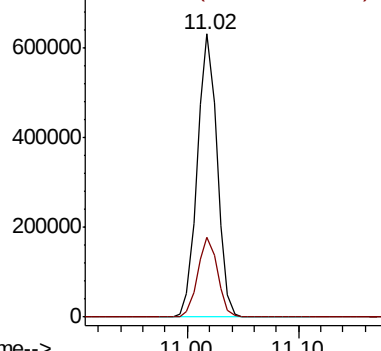
105 100

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: 19.813 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion: 43 Resp: 332533

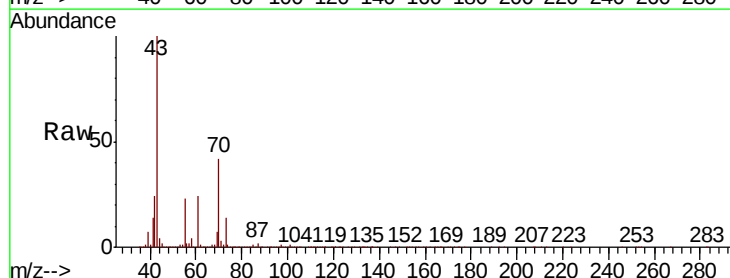
Ion Ratio Lower Upper

43 100

70 43.2 34.1 51.1

55 22.9 17.8 26.8

61 24.5 19.7 29.5

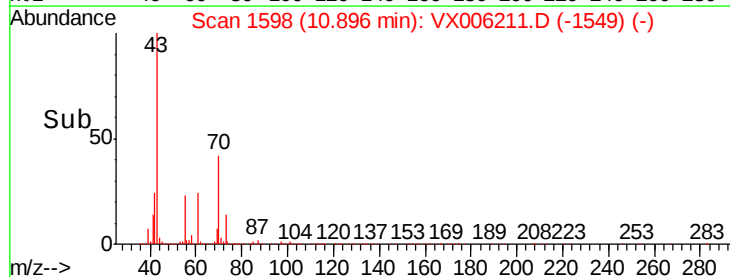
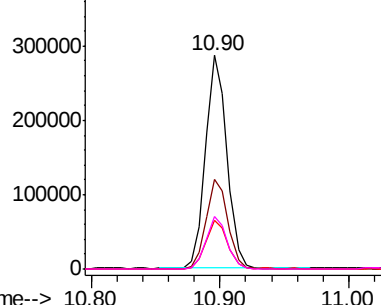


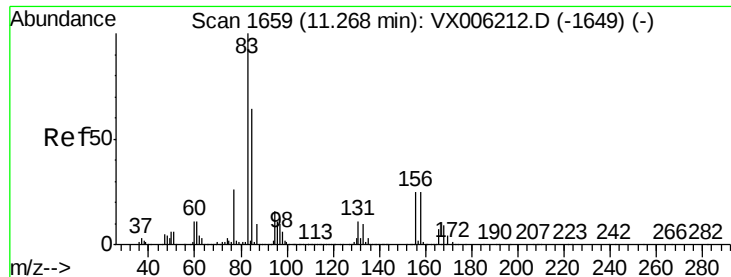
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.838 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

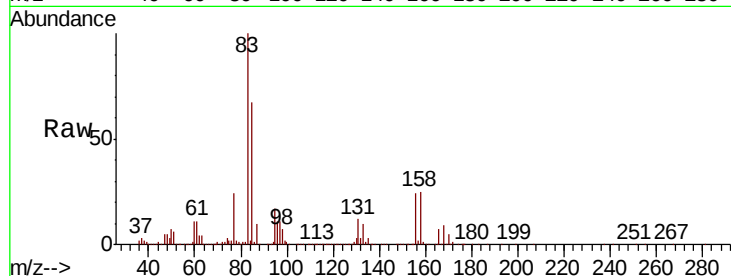
Tgt Ion: 83 Resp: 247360

Ion Ratio Lower Upper

83 100

131 11.6 5.7 17.1

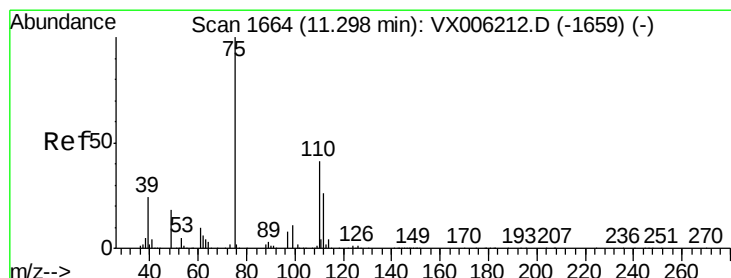
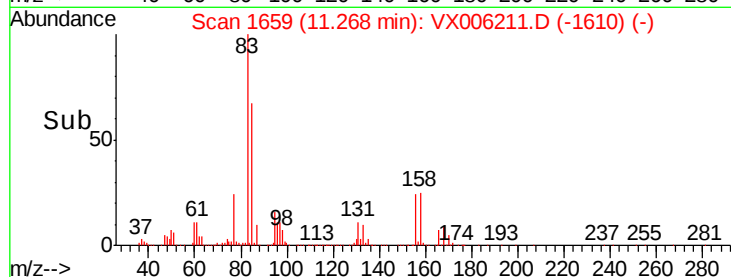
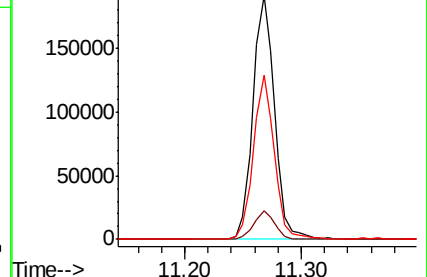
85 65.3 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.579 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006211.D

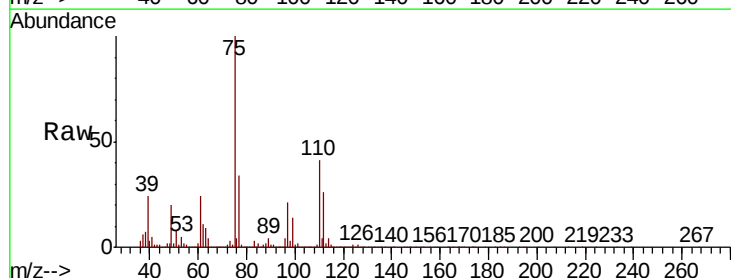
Acq: 29 Nov 2018 14:58

Tgt Ion: 75 Resp: 301622

Ion Ratio Lower Upper

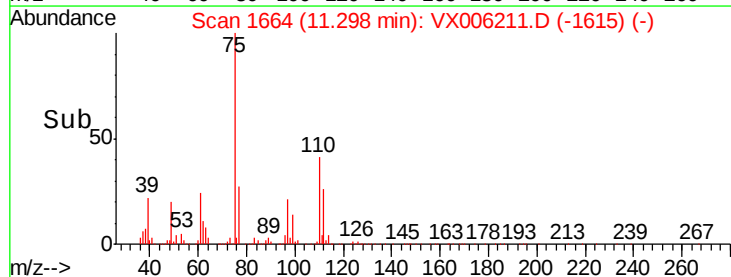
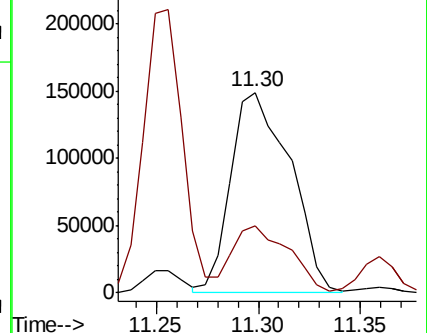
75 100

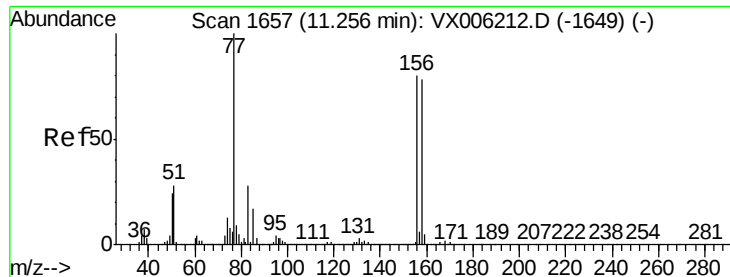
77 30.9 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.346 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

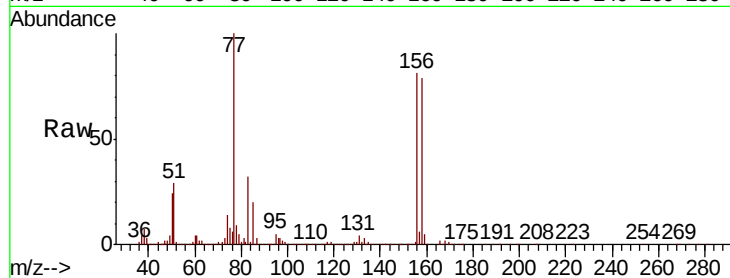
Tgt Ion: 156 Resp: 209255

Ion Ratio Lower Upper

156 100

77 135.1 66.2 198.6

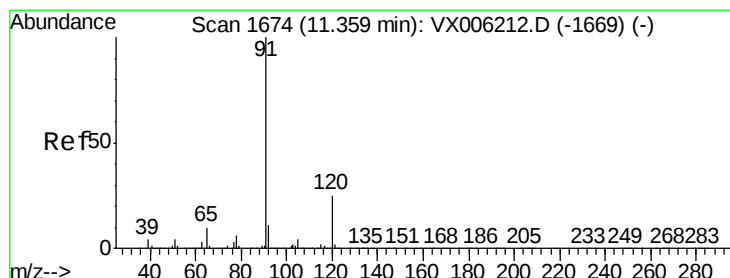
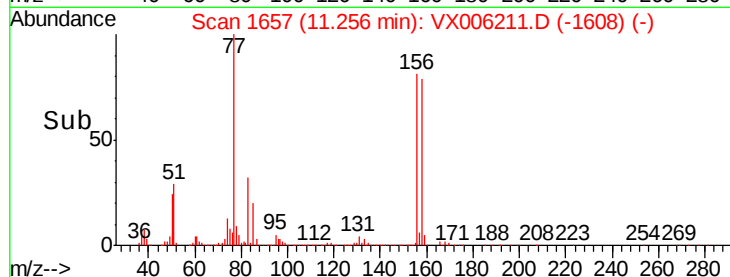
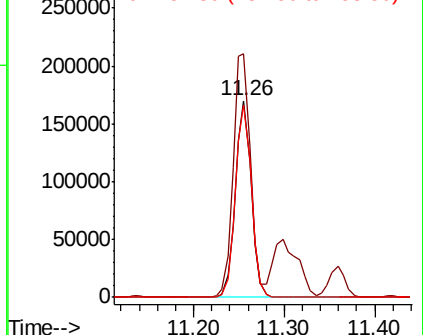
158 98.9 48.8 146.4



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: 19.882 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006211.D

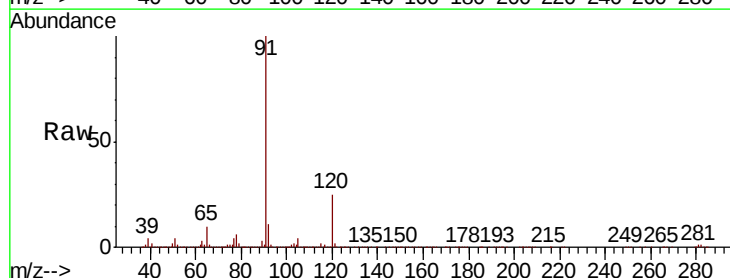
Acq: 29 Nov 2018 14:58

Tgt Ion: 91 Resp: 861384

Ion Ratio Lower Upper

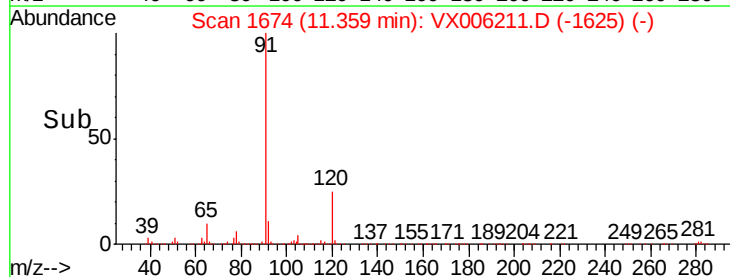
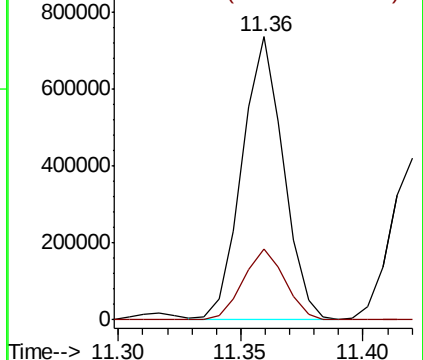
91 100

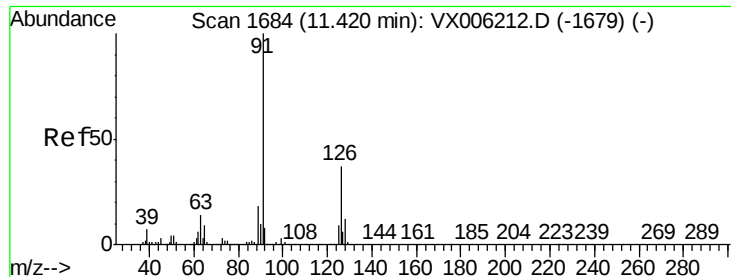
120 25.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

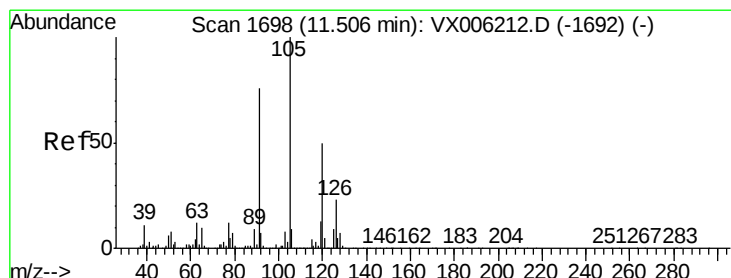
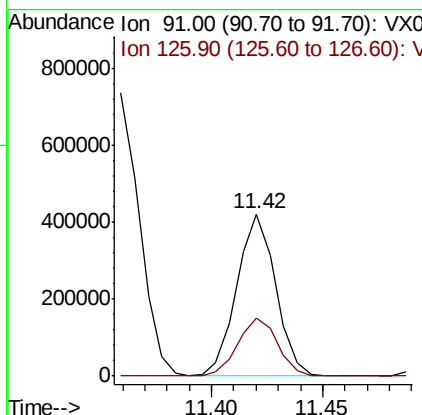
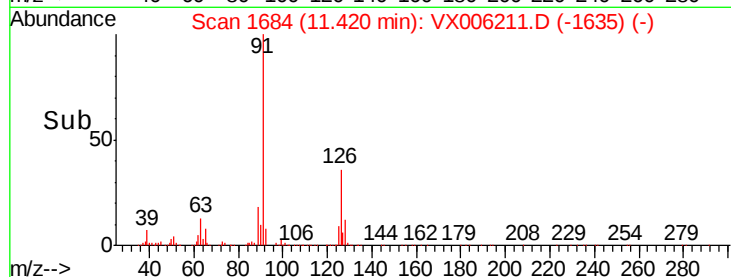
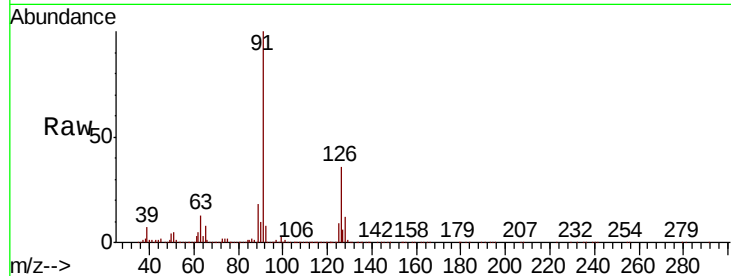




#79
 2-Chlorotoluene
 Concen: 19.949 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

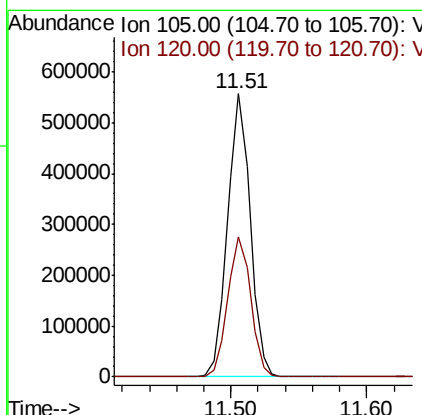
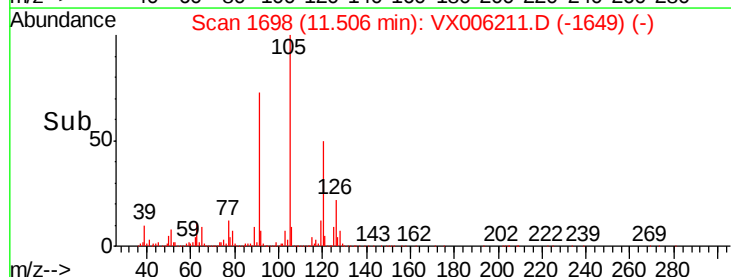
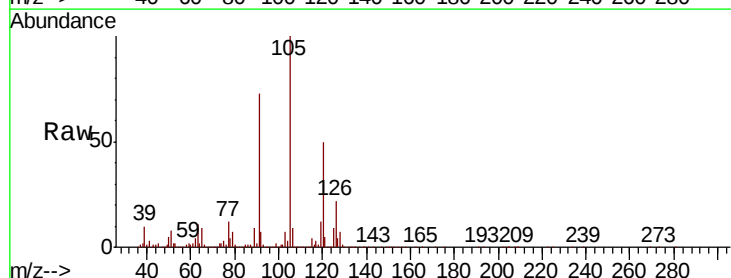
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

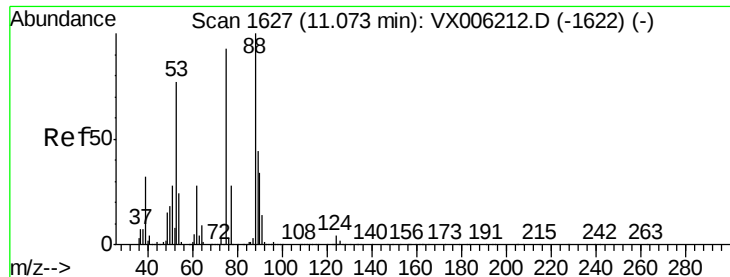
Tgt Ion: 91 Resp: 513712
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.846 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Tgt Ion: 105 Resp: 643583
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.976 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

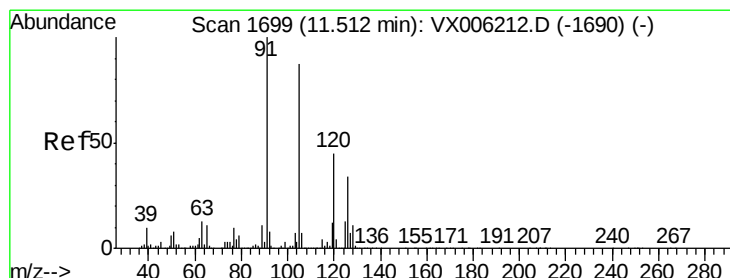
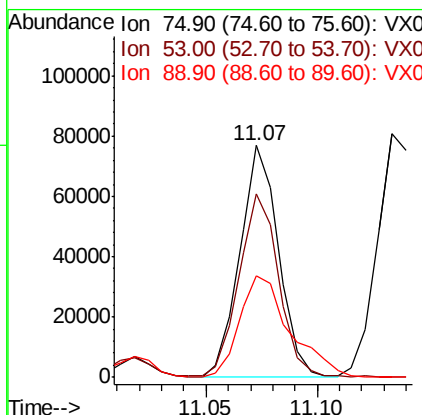
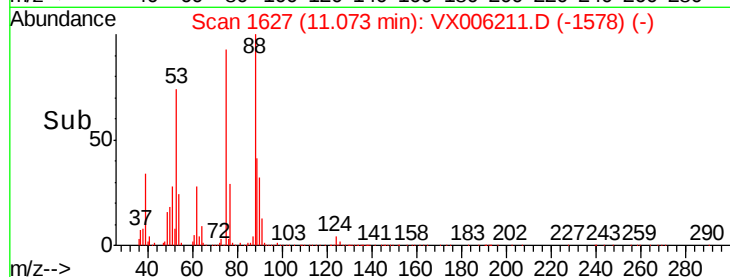
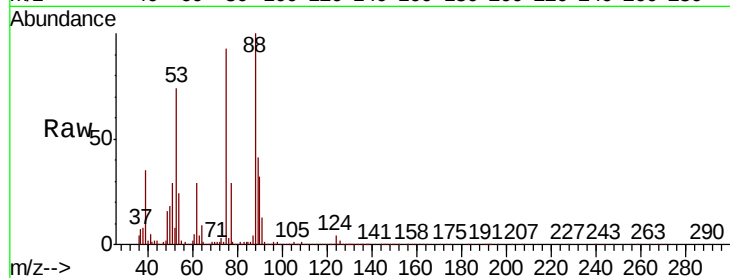
Tgt Ion: 75 Resp: 92729

Ion Ratio Lower Upper

75 100

53 80.7 64.4 96.6

89 56.9 44.2 66.4



#82

4-Chlorotoluene

Concen: 19.713 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006211.D

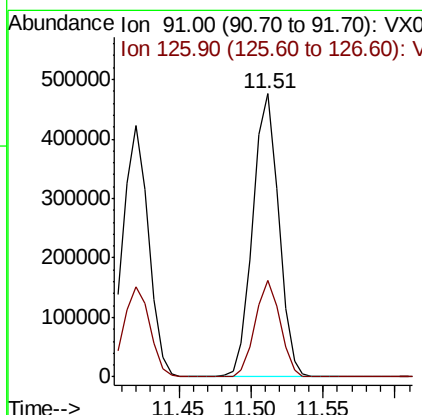
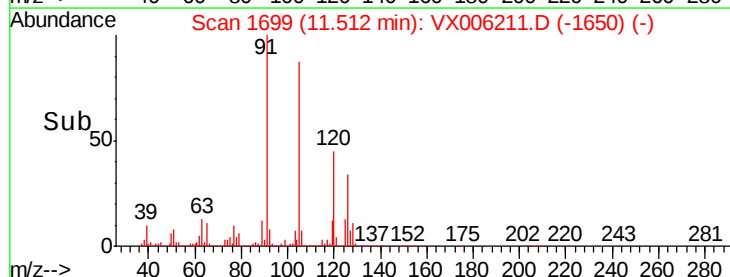
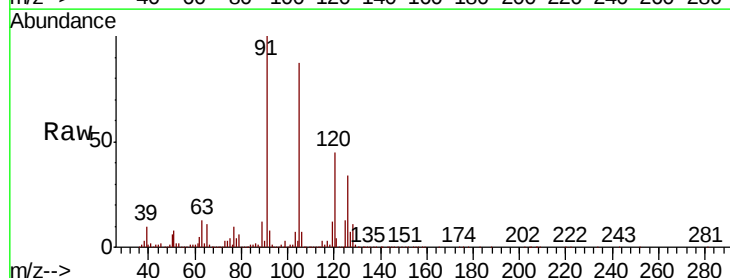
Acq: 29 Nov 2018 14:58

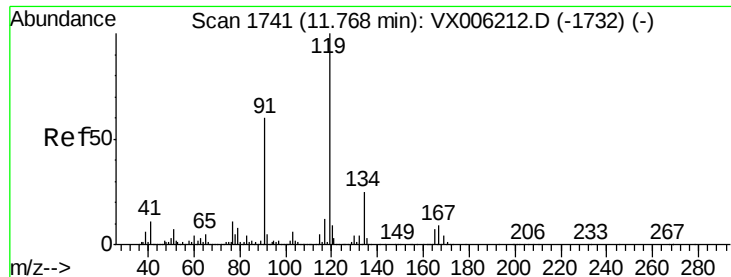
Tgt Ion: 91 Resp: 590180

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.4

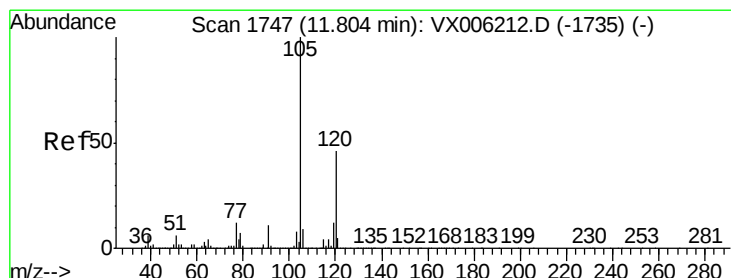
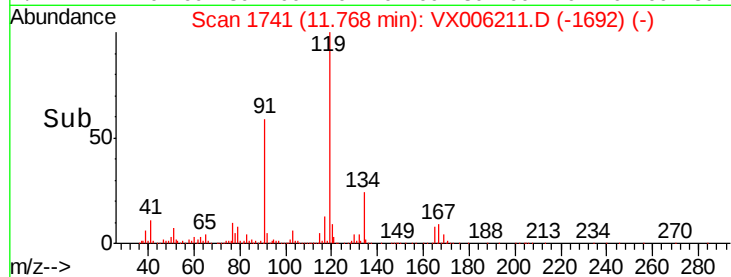
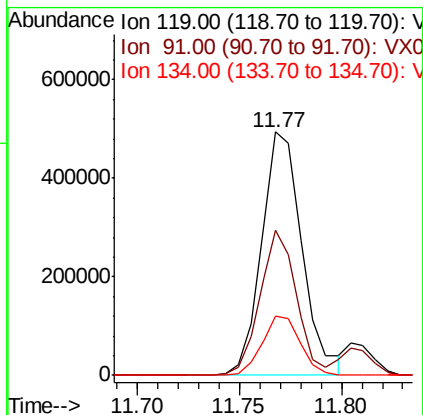
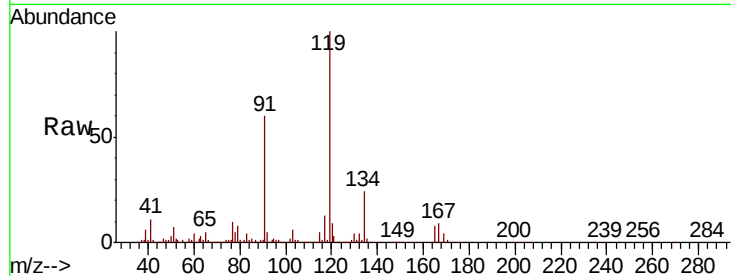




#83
tert-Butylbenzene
Concen: 19.738 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

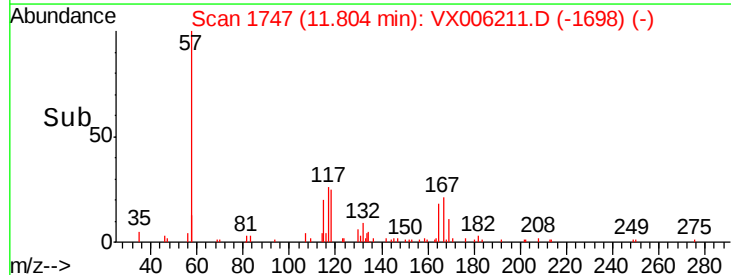
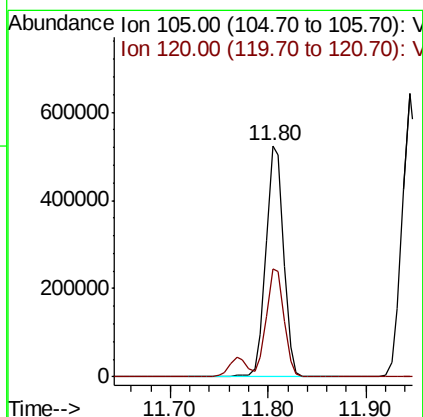
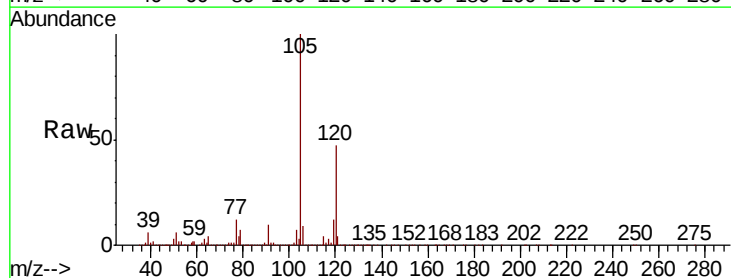
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

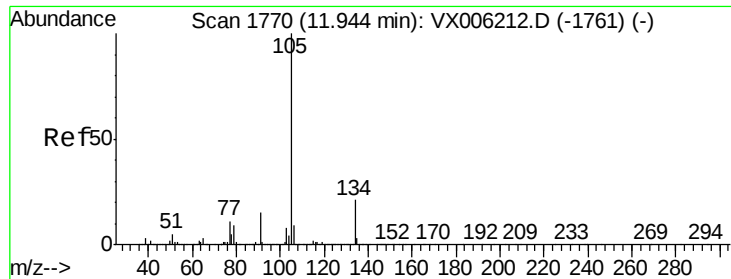
Tgt Ion:119 Resp: 682956
Ion Ratio Lower Upper
119 100
91 53.5 26.4 79.2
134 23.0 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 19.596 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion:105 Resp: 656191
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.664 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

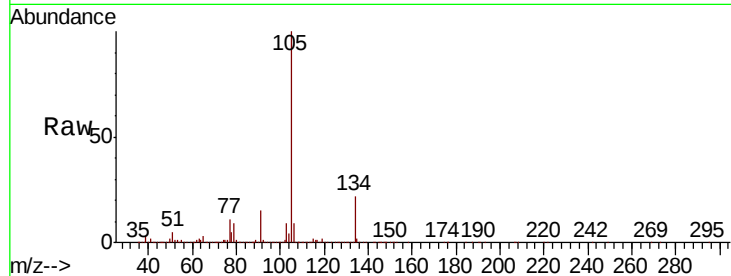
VSTDIC020

Tgt Ion:105 Resp: 774040

Ion Ratio Lower Upper

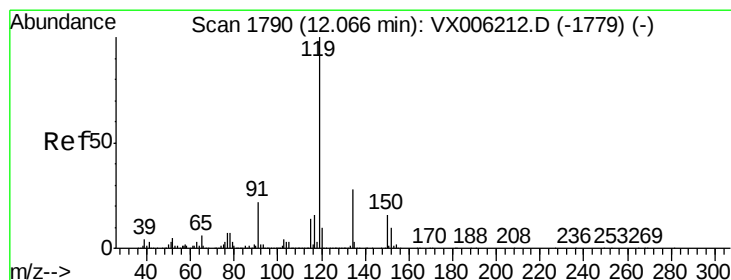
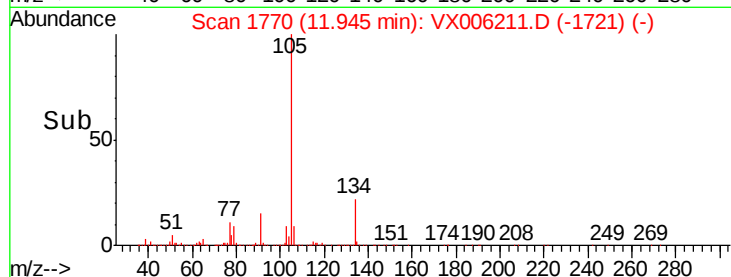
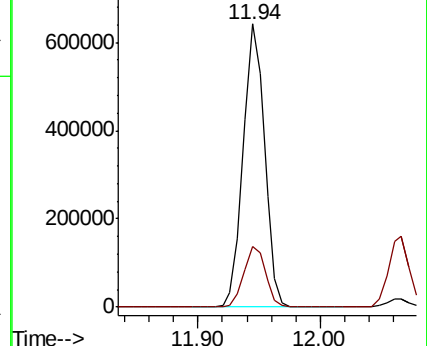
105 100

134 21.8 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.504 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

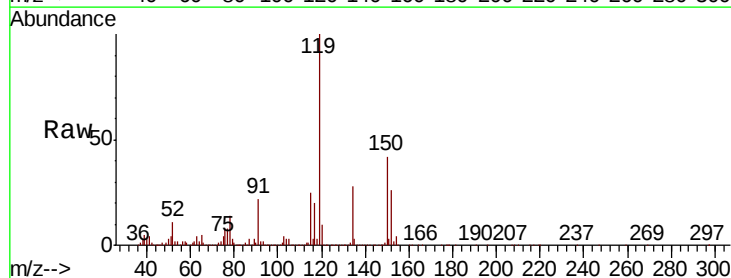
Tgt Ion:119 Resp: 691318

Ion Ratio Lower Upper

119 100

134 28.0 13.9 41.6

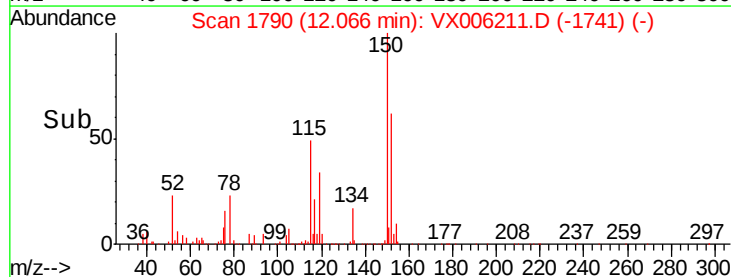
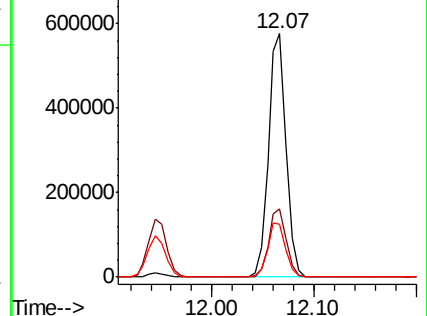
91 22.9 11.3 33.8

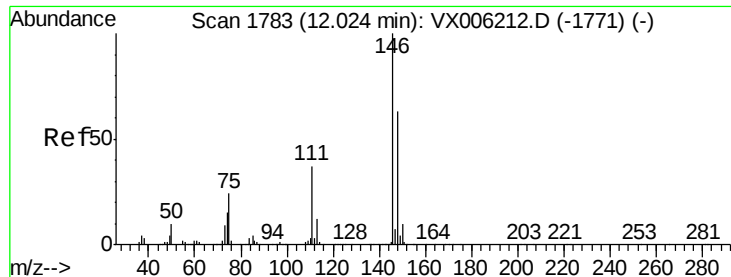


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

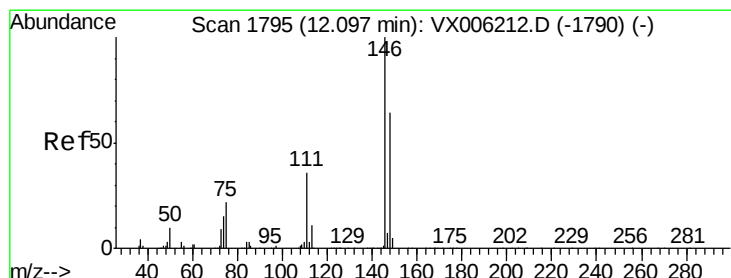
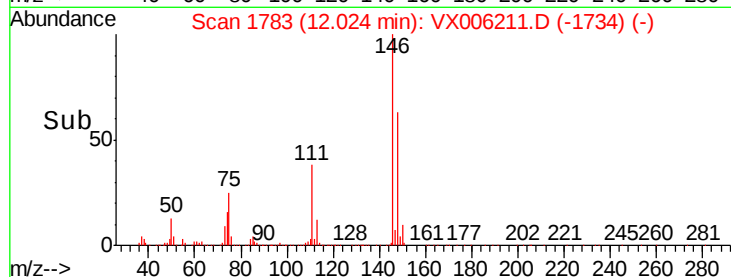
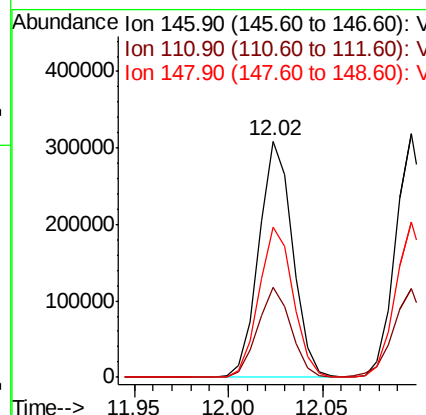
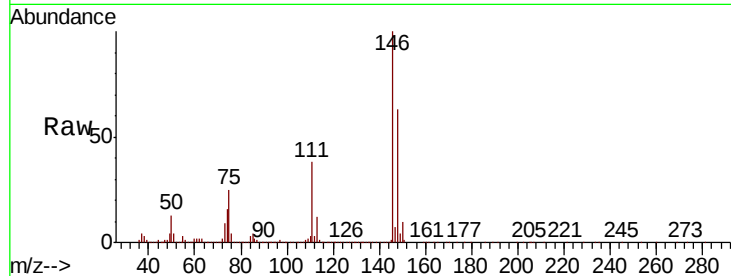




#87
 1,3-Dichlorobenzene
 Concen: 19.829 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

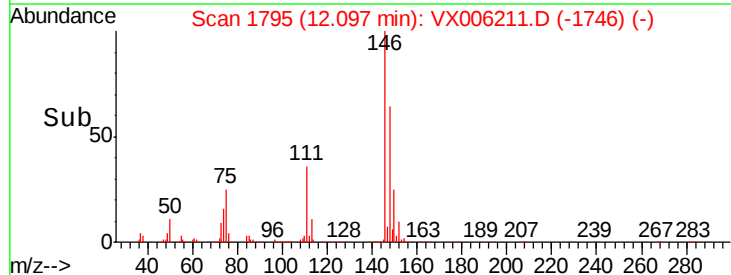
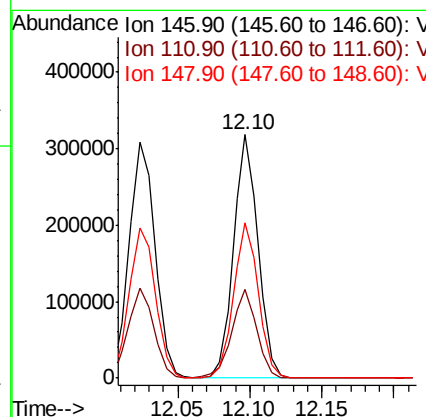
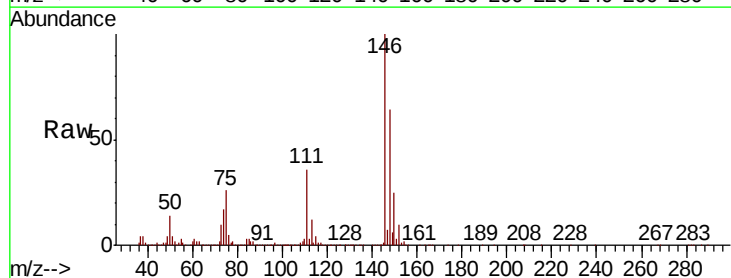
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

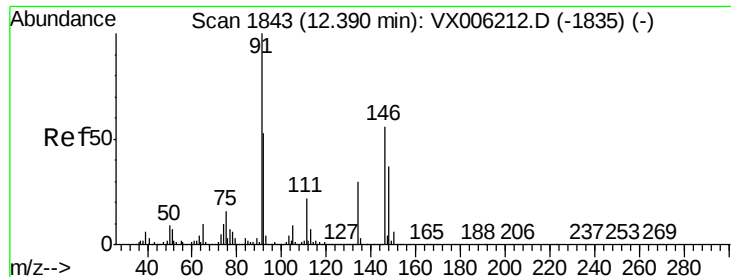
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.4	55.2
148	64.7	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.704 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.3	54.8
148	65.0	31.9	95.9





#89

n-Butylbenzene

Concen: 19.306 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

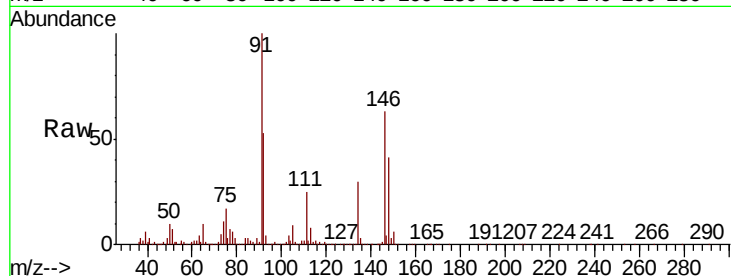
Tgt Ion: 91 Resp: 583865

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.8

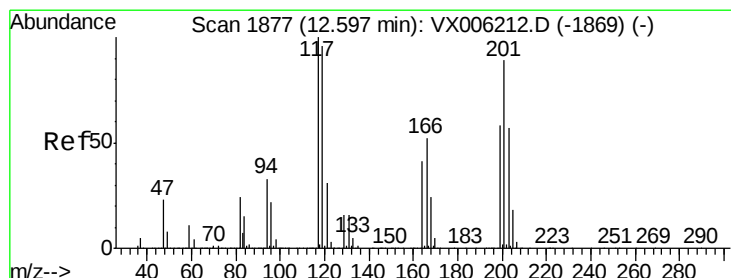
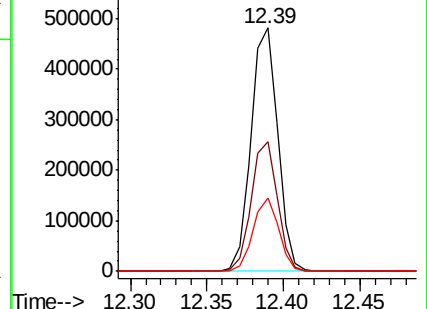
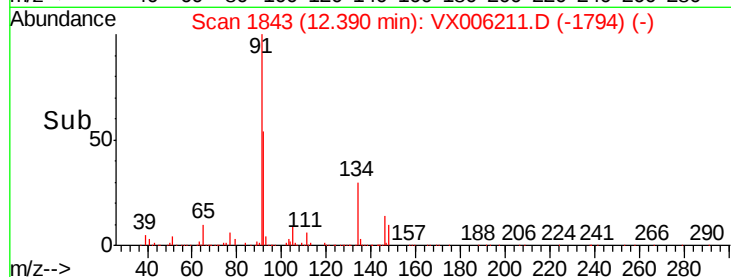
134 29.0 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX006211.D

Ion 92.00 (91.70 to 92.70): VX006211.D

Ion 134.00 (133.70 to 134.70): VX006211.D



#90

Hexachloroethane

Concen: 19.542 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006211.D

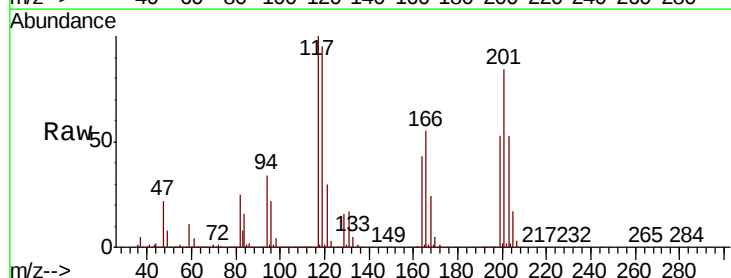
Acq: 29 Nov 2018 14:58

Tgt Ion: 117 Resp: 141169

Ion Ratio Lower Upper

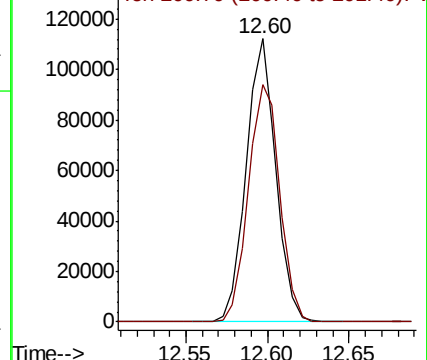
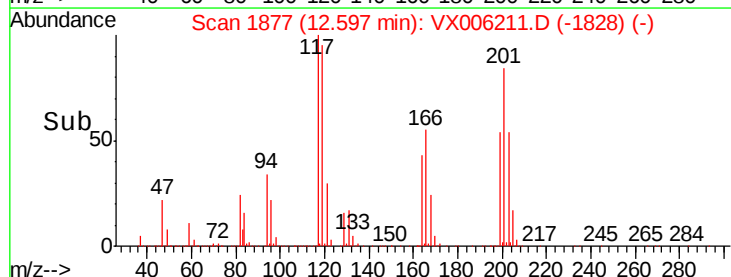
117 100

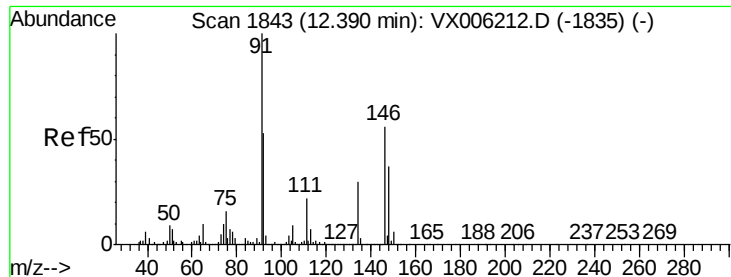
201 89.3 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): VX006211.D

Ion 200.70 (200.40 to 201.40): VX006211.D





#91

1,2-Dichlorobenzene

Concen: 19.766 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

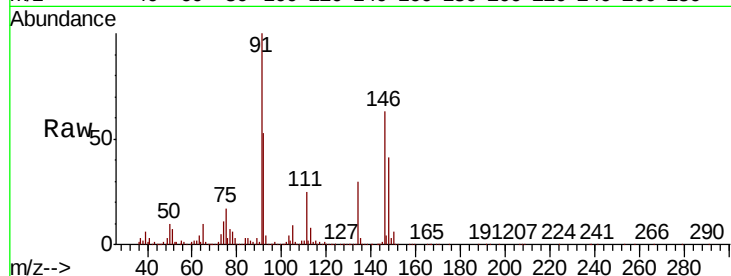
Tgt Ion:146 Resp: 377552

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.3

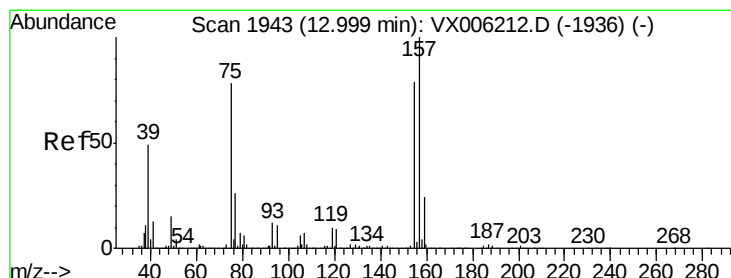
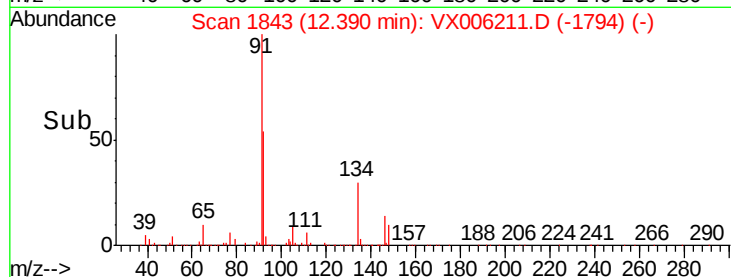
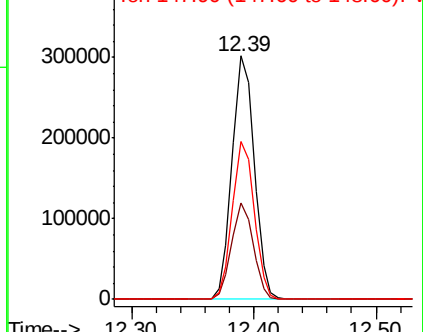
148 64.5 32.1 96.3



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: 19.692 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

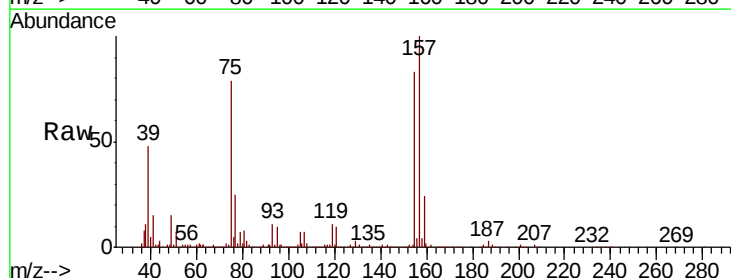
Tgt Ion: 75 Resp: 62944

Ion Ratio Lower Upper

75 100

155 101.6 53.4 160.3

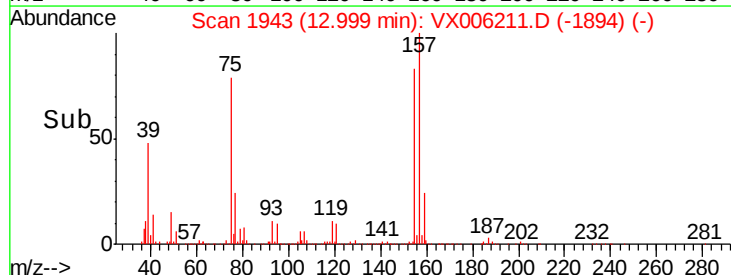
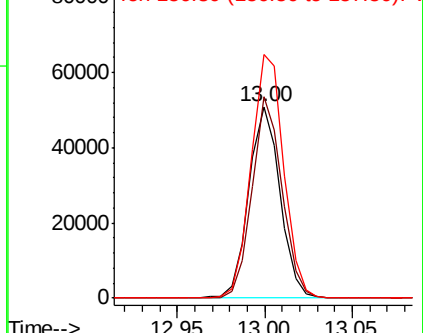
157 132.9 68.0 203.8

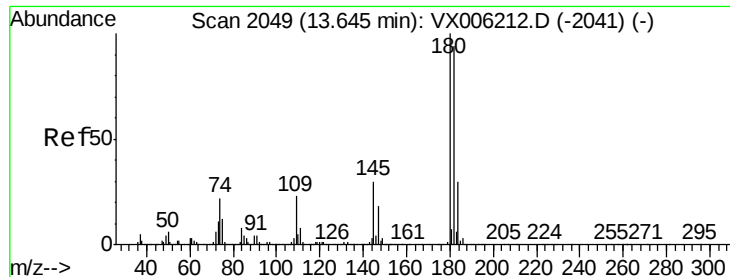


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

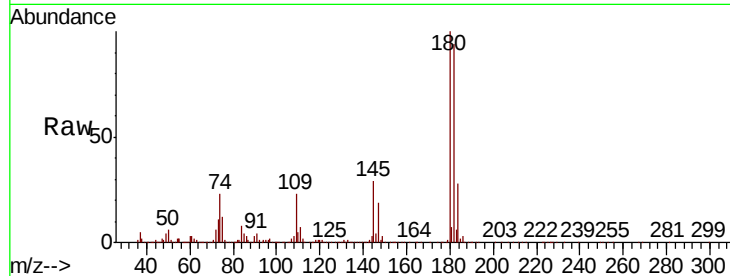




#93
 1,2,4-Trichlorobenzene
 Concen: 19.893 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.3	141.9
145	29.1	14.6	43.8

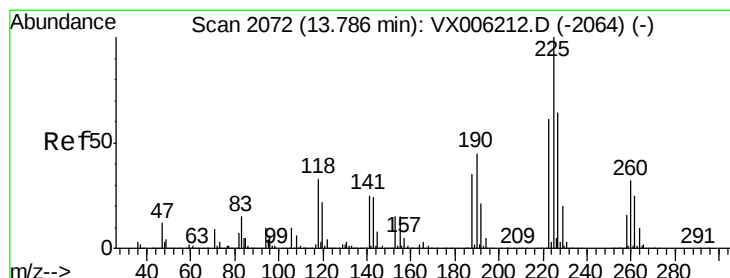
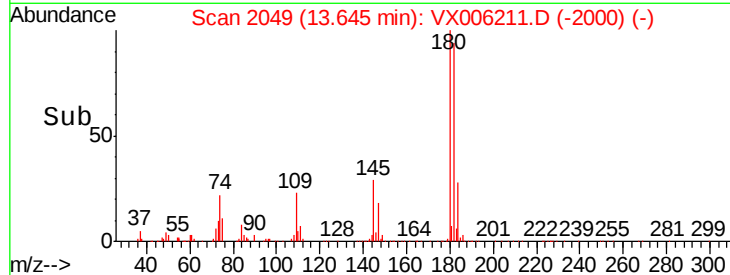
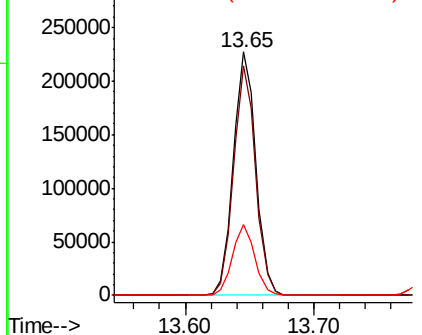


Abundance

Ion 179.80 (179.50 to 180.50): V

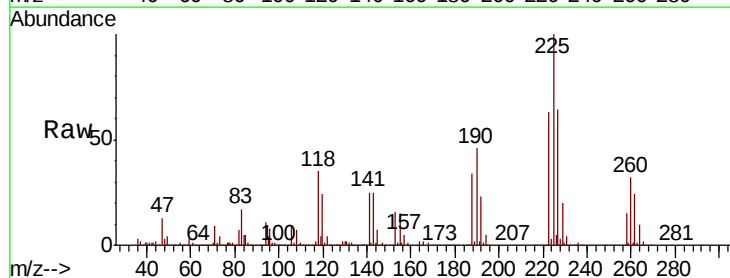
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.369 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.2	93.6
227	64.9	31.9	95.5

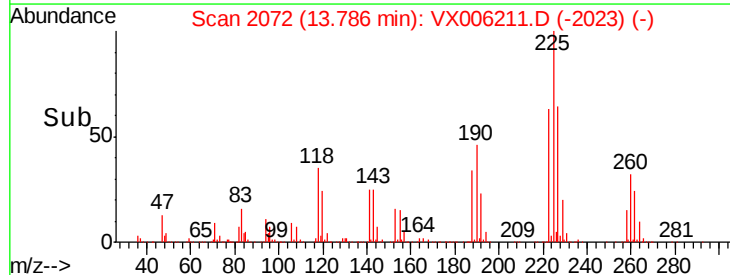
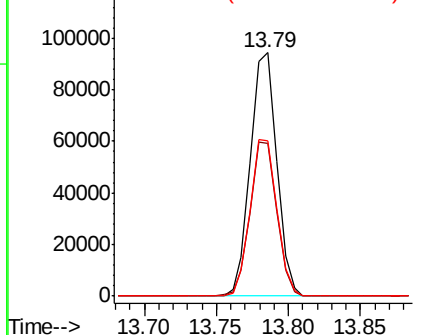


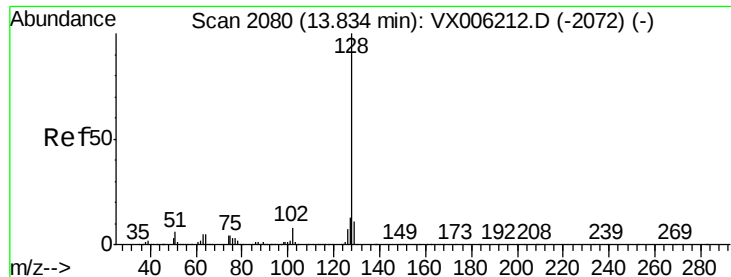
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

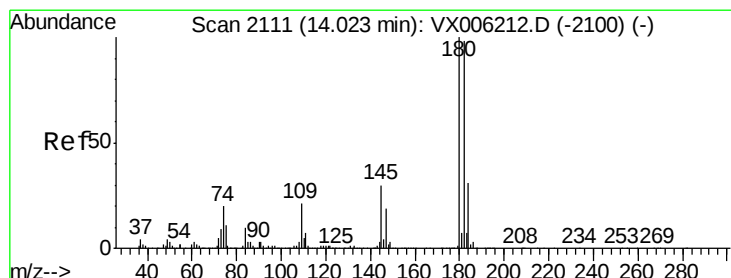
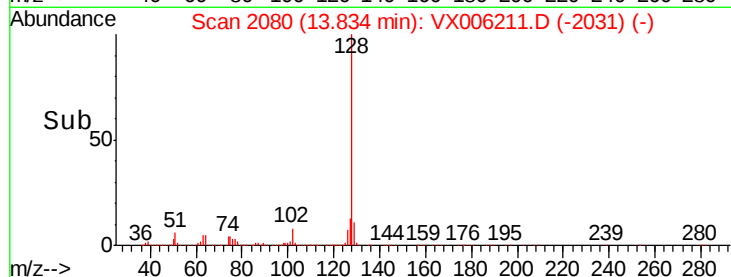
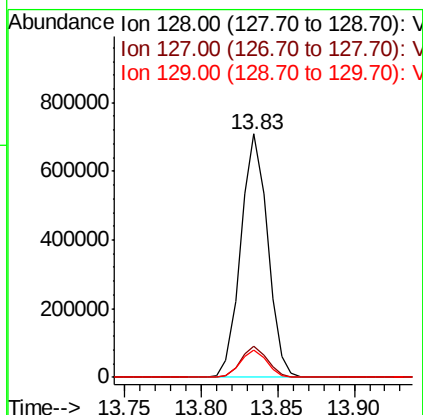
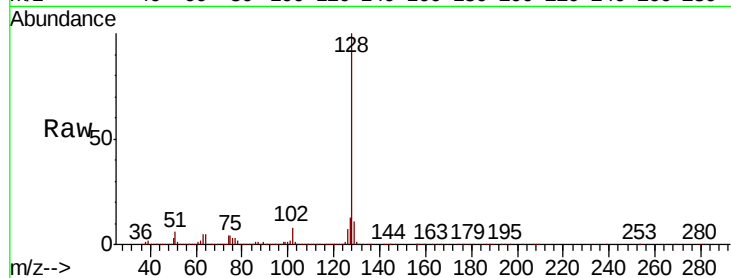




#95
Naphthalene
Concen: 19.943 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 864493
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.849 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion:180 Resp: 273966
Ion Ratio Lower Upper
180 100
182 94.4 48.4 145.2
145 31.6 15.6 46.8

