

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
 Data File : VX006210.D
 Acq On : 29 Nov 2018 14:32
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 30 03:39:54 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	775131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1160066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1044394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	537761	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	40436	5.11	ug/l	0.00
Spiked Amount			Recovery	=	10.22%	
35) Dibromofluoromethane	5.51	113	36393	4.85	ug/l	0.00
Spiked Amount			Recovery	=	9.70%	
50) Toluene-d8	8.71	98	134239	4.91	ug/l	0.00
Spiked Amount			Recovery	=	9.82%	
62) 4-Bromofluorobenzene	11.13	95	50938	4.95	ug/l	0.00
Spiked Amount			Recovery	=	9.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	31694	4.176	ug/l	97
3) Chloromethane	1.33	50	37441	4.801	ug/l	100
4) Vinyl Chloride	1.41	62	40908	4.873	ug/l	95
5) Bromomethane	1.64	94	29459	5.064	ug/l	99
6) Chloroethane	1.72	64	27315	5.307	ug/l	96
7) Trichlorofluoromethane	1.93	101	65029	5.047	ug/l	99
8) Diethyl Ether	2.19	74	24070	4.936	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37361	5.099	ug/l	97
10) Methyl Iodide	2.51	142	51202	4.637	ug/l	99
11) Tert butyl alcohol	3.07	59	58267	26.926	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36369	5.185	ug/l	97
13) Acrolein	2.30	56	33013	27.912	ug/l	97
14) Allyl chloride	2.73	41	71641	5.171	ug/l	98
15) Acrylonitrile	3.15	53	119426	26.447	ug/l	99
16) Acetone	2.45	43	94188	25.364	ug/l	99
17) Carbon Disulfide	2.57	76	108788	5.034	ug/l	100
18) Methyl Acetate	2.78	43	65102	5.242	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	131343	5.249	ug/l	100
20) Methylene Chloride	2.86	84	41120	5.203	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	38784	5.189	ug/l	93
22) Diisopropyl ether	3.87	45	109944	5.080	ug/l	# 90
23) Vinyl Acetate	3.82	43	481414	26.081	ug/l	100
24) 1,1-Dichloroethane	3.70	63	63003	5.093	ug/l	99
25) 2-Butanone	4.70	43	139517	26.331	ug/l	95
26) 2,2-Dichloropropane	4.58	77	61569	5.393	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	44633	5.353	ug/l	98
28) Bromochloromethane	5.02	49	28627	5.298	ug/l	100
29) Tetrahydrofuran	5.15	42	99419	26.998	ug/l	98
30) Chloroform	5.21	83	68844	5.296	ug/l	95
31) Cyclohexane	5.58	56	59932	5.243	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	64264	5.196	ug/l	98
36) 1,1-Dichloropropene	5.80	75	49643	5.082	ug/l	98
37) Ethyl Acetate	4.85	43	55040	5.031	ug/l	97
38) Carbon Tetrachloride	5.78	117	58110	5.056	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
 Data File : VX006210.D
 Acq On : 29 Nov 2018 14:32
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Quant Time: Nov 30 03:39:54 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)
39) Methylcyclohexane	7.46	83	64506	5.087	ug/l	98
40) Benzene	6.14	78	149520	5.110	ug/l	98
41) Methacrylonitrile	5.06	41	31273	5.195	ug/l	99
42) 1,2-Dichloroethane	6.20	62	49468	5.166	ug/l	94
43) Isopropyl Acetate	6.46	43	94119	5.160	ug/l	99
44) Trichloroethene	7.21	130	45656	5.151	ug/l	99
45) 1,2-Dichloropropane	7.51	63	37115	4.991	ug/l	96
46) Dibromomethane	7.66	93	27420	5.106	ug/l	98
47) Bromodichloromethane	7.90	83	52933	5.090	ug/l	95
48) Methyl methacrylate	7.77	41	47244	5.324	ug/l	99
49) 1,4-Dioxane	7.76	88	23122	105.724	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	281066	26.470	ug/l	99
52) Toluene	8.79	92	100284	5.210	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	62388	5.129	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	65609	5.195	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	40393	5.165	ug/l	96
56) Ethyl methacrylate	9.18	69	62520	5.114	ug/l	99
57) 1,3-Dichloropropane	9.37	76	64348	5.204	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	151887	24.483	ug/l	99
59) 2-Hexanone	9.49	43	214277	26.413	ug/l	99
60) Dibromochloromethane	9.59	129	48348	5.014	ug/l	98
61) 1,2-Dibromoethane	9.67	107	43877	5.018	ug/l	97
64) Tetrachloroethene	9.34	164	41458	5.271	ug/l	97
65) Chlorobenzene	10.14	112	116280	5.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	43732	5.077	ug/l	98
67) Ethyl Benzene	10.25	91	190250	5.160	ug/l	99
68) m/p-Xylenes	10.36	106	152811	10.346	ug/l	97
69) o-Xylene	10.70	106	76082	5.215	ug/l	98
70) Styrene	10.71	104	122431	5.188	ug/l	99
71) Bromoform	10.86	173	40960	5.037	ug/l #	99
73) Isopropylbenzene	11.02	105	197848	5.327	ug/l	100
74) N-amyl acetate	10.90	43	83656	5.231	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	63844	5.374	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	76700	5.492	ug/l	88
77) Bromobenzene	11.26	156	54202	5.259	ug/l	97
78) n-propylbenzene	11.36	91	215073	5.210	ug/l	100
79) 2-Chlorotoluene	11.42	91	130716	5.328	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164054	5.309	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23351	5.279	ug/l #	85
82) 4-Chlorotoluene	11.51	91	152013	5.329	ug/l	98
83) tert-Butylbenzene	11.77	119	176864	5.365	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	170731	5.351	ug/l	99
85) sec-Butylbenzene	11.94	105	198106	5.282	ug/l	99
86) p-Isopropyltoluene	12.07	119	176501	5.226	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	94789	5.169	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	95864	5.213	ug/l	96
89) n-Butylbenzene	12.39	91	147043	5.103	ug/l	99
90) Hexachloroethane	12.60	117	35675	5.183	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	95934	5.271	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15475	5.081	ug/l	95

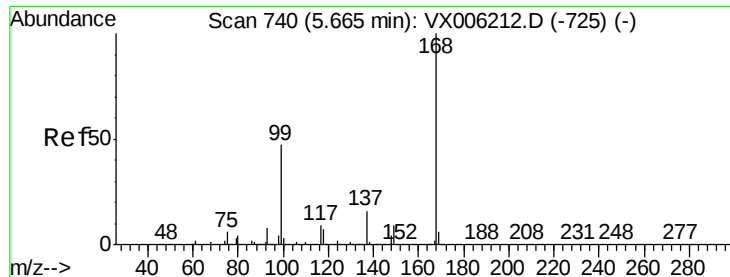
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
Data File : VX006210.D
Acq On : 29 Nov 2018 14:32
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Nov 30 03:39:54 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)
93) 1,2,4-Trichlorobenzene	13.65	180	65345	4.921	ug/l	97
94) Hexachlorobutadiene	13.78	225	28224	4.806	ug/l	97
95) Naphthalene	13.83	128	213800	5.176	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	65967	5.016	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

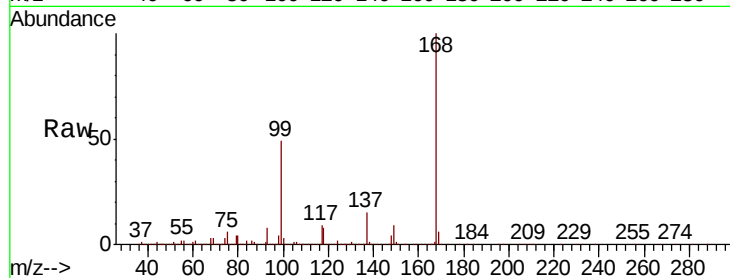
VSTDIC005

Tgt Ion:168 Resp: 775131

Ion Ratio Lower Upper

168 100

99 49.1 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

250000

200000

150000

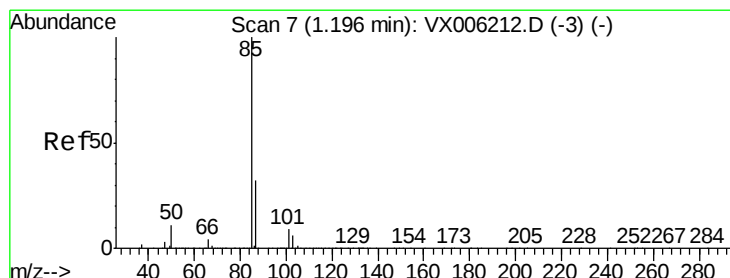
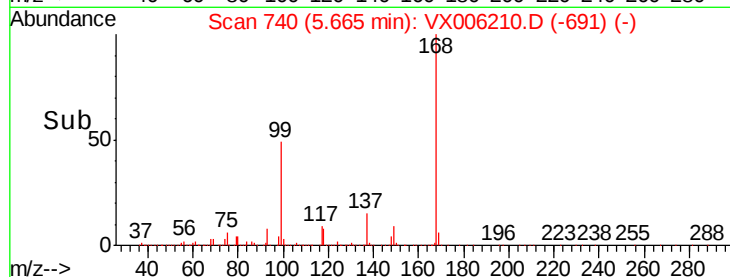
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 4.176 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006210.D

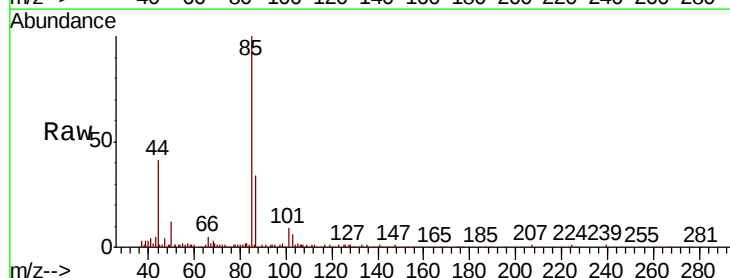
Acq: 29 Nov 2018 14:32

Tgt Ion: 85 Resp: 31694

Ion Ratio Lower Upper

85 100

87 33.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

25000

20000

15000

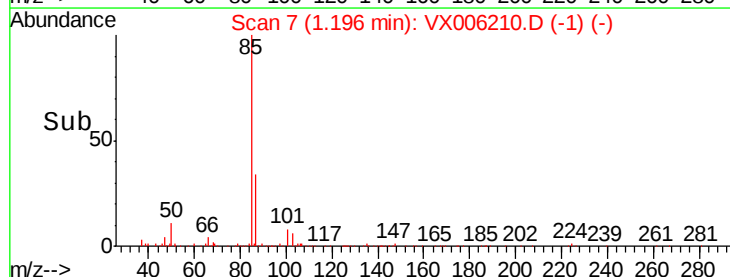
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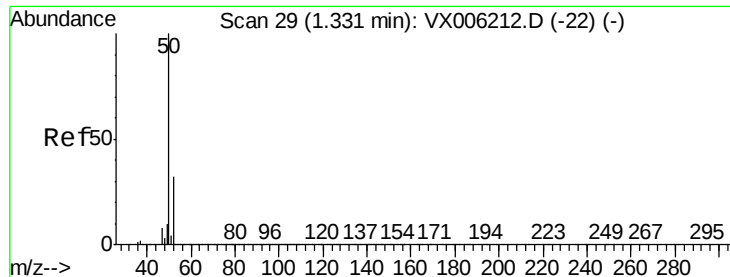
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Time-->

1.15 1.20 1.25 1.30

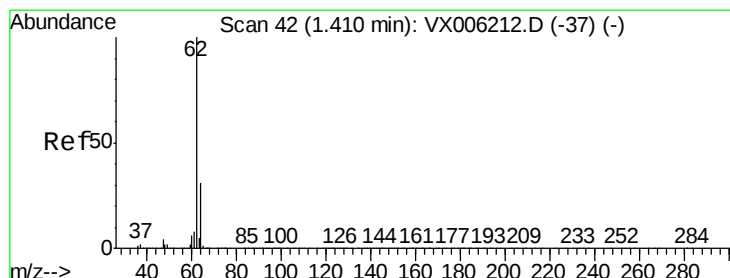
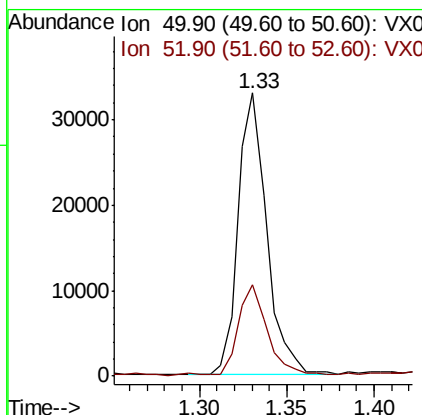
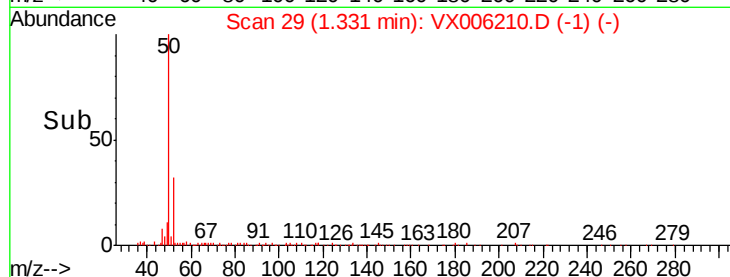
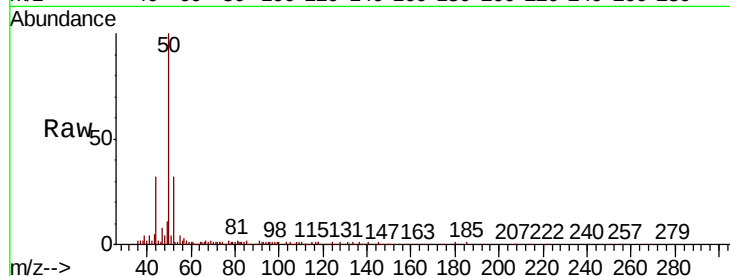




#3
Chloromethane
Concen: 4.801 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

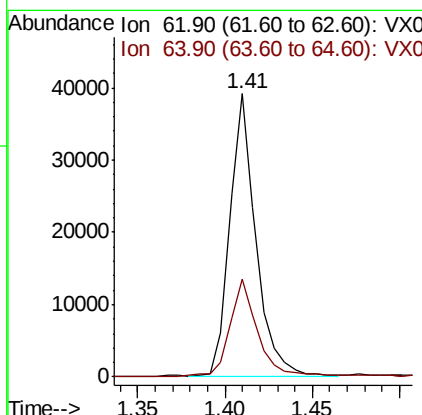
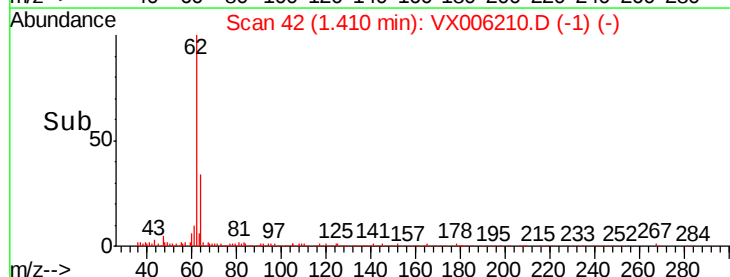
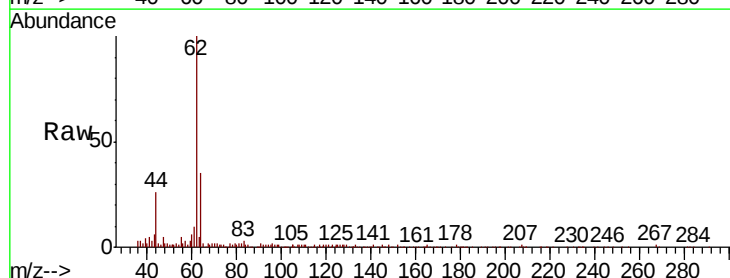
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

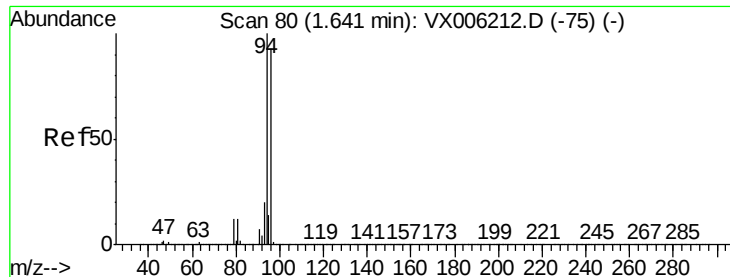
Tgt Ion: 50 Resp: 37441
Ion Ratio Lower Upper
50 100
52 31.5 25.2 37.8



#4
Vinyl Chloride
Concen: 4.873 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

Tgt Ion: 62 Resp: 40908
Ion Ratio Lower Upper
62 100
64 34.0 24.9 37.3





#5

Bromomethane

Concen: 5.064 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

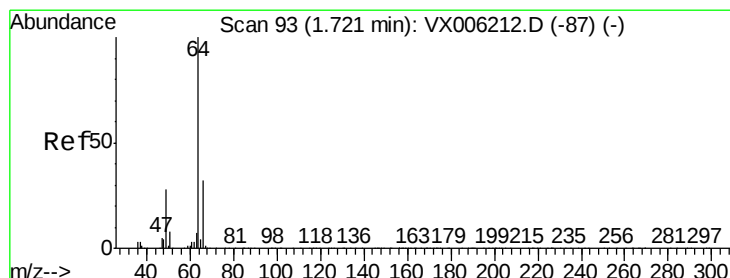
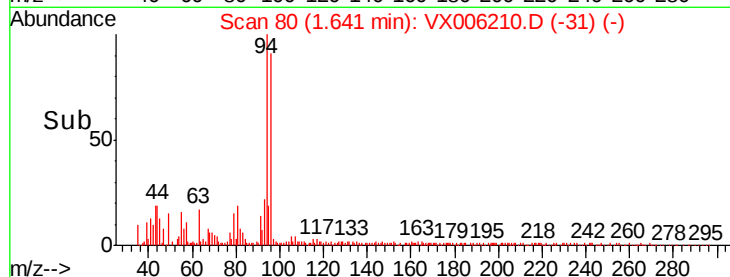
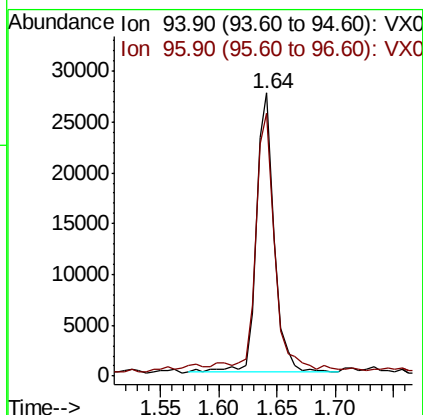
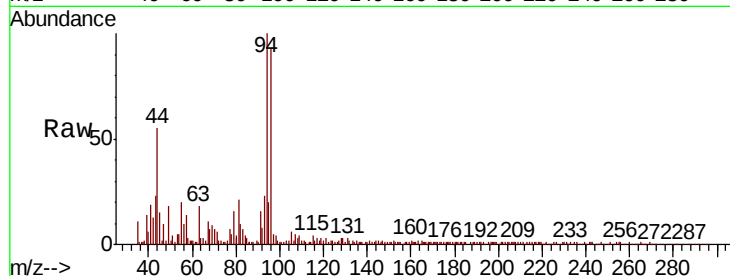
VSTDIC005

Tgt Ion: 94 Resp: 29459

Ion Ratio Lower Upper

94 100

96 91.9 74.5 111.7



#6

Chloroethane

Concen: 5.307 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX006210.D

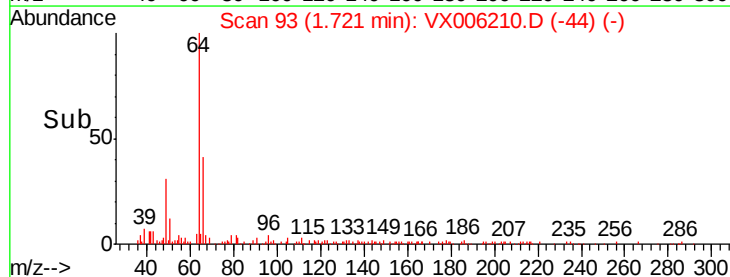
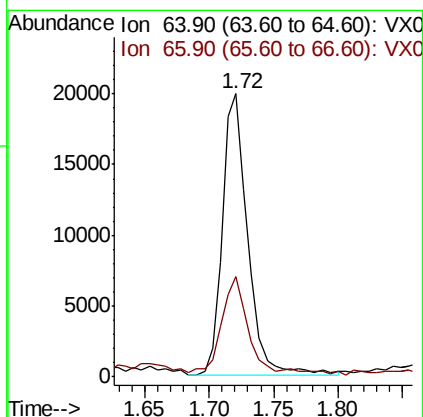
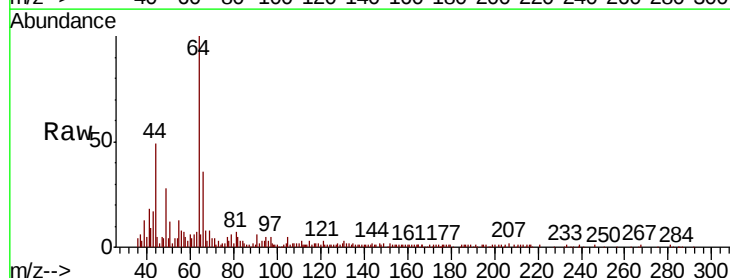
Acq: 29 Nov 2018 14:32

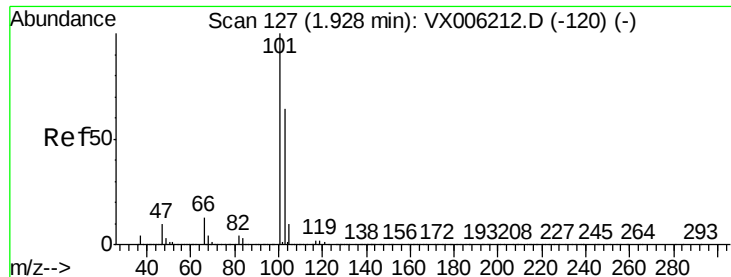
Tgt Ion: 64 Resp: 27315

Ion Ratio Lower Upper

64 100

66 34.6 25.9 38.9



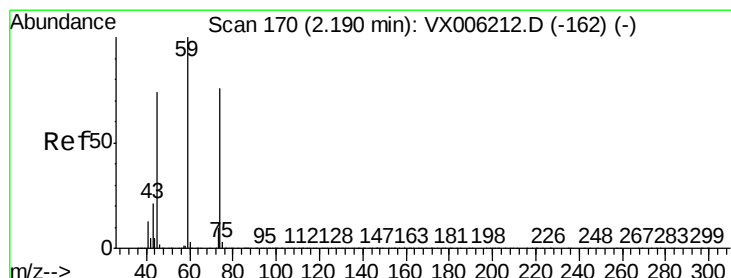
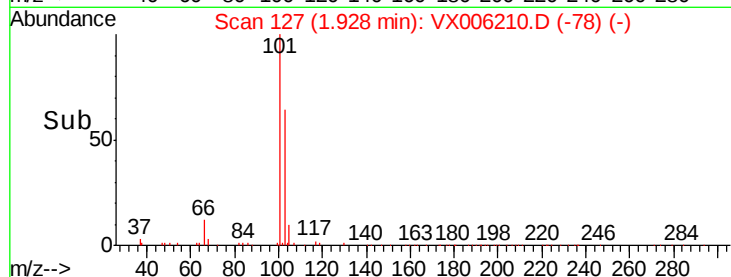
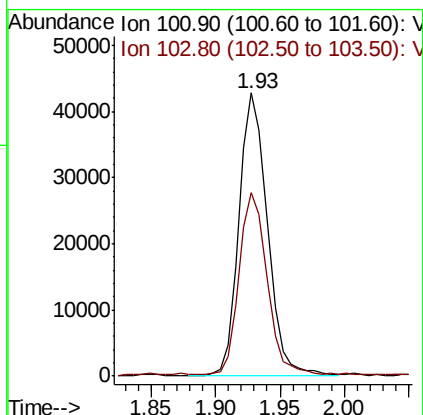
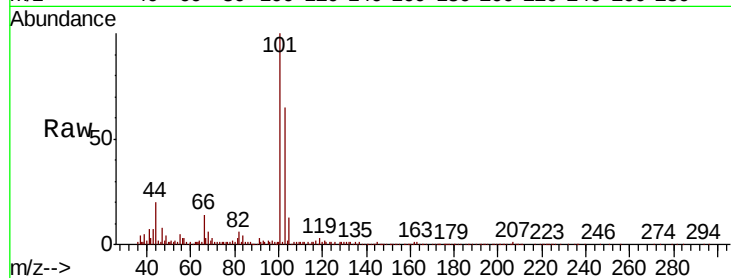


#7

Trichlorofluoromethane
 Concen: 5.047 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

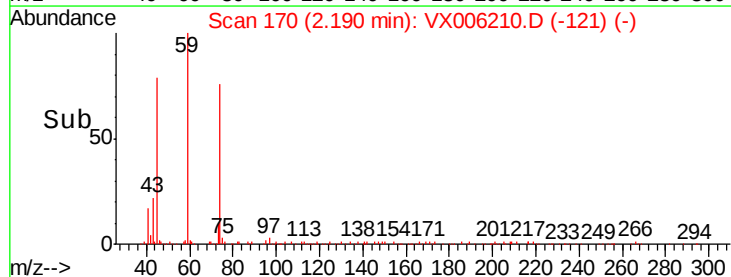
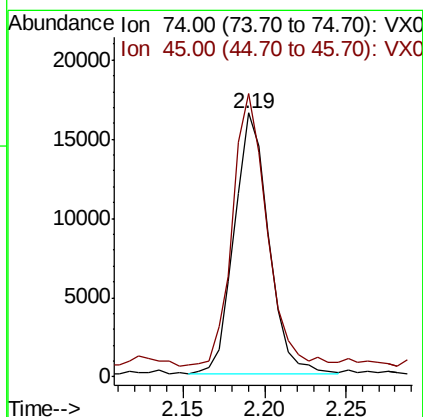
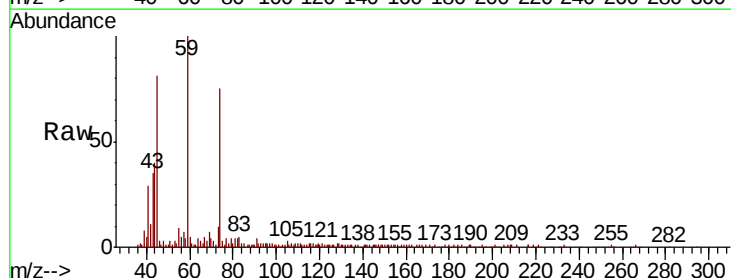
Tgt Ion: 101 Resp: 65029
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.0 76.4

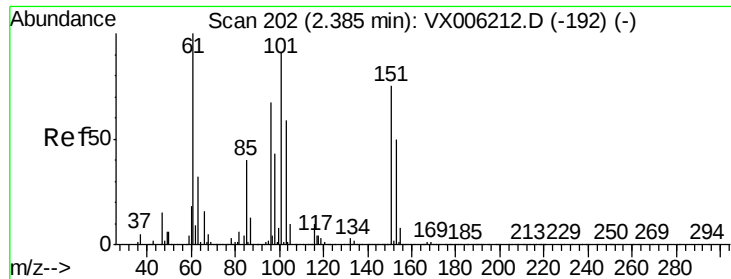


#8

Diethyl Ether
 Concen: 4.936 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

Tgt Ion: 74 Resp: 24070
 Ion Ratio Lower Upper
 74 100
 45 103.3 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.099 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

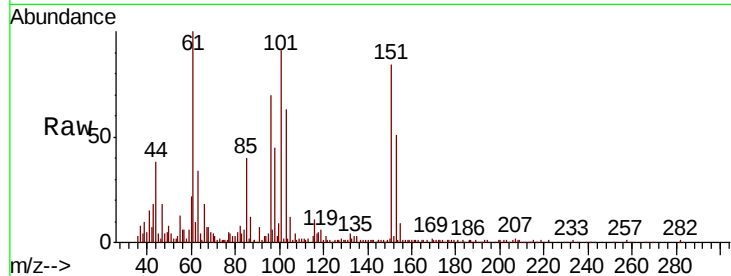
Tgt Ion:101 Resp: 37361

Ion Ratio Lower Upper

101 100

85 46.4 35.5 53.3

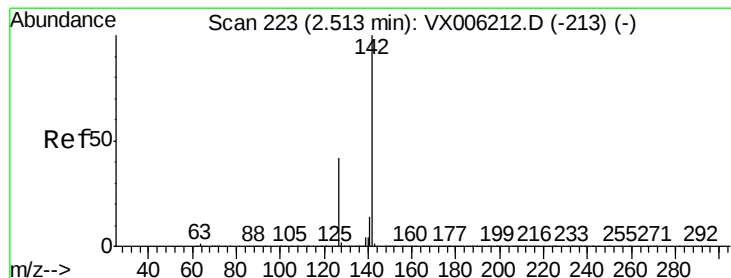
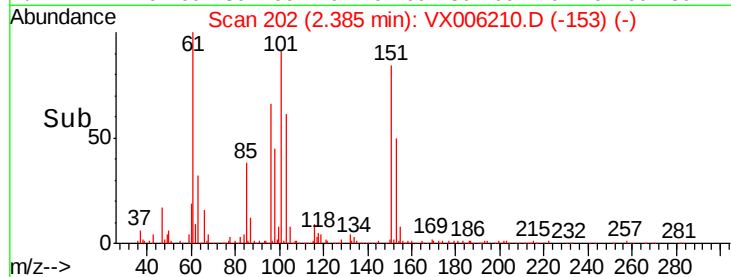
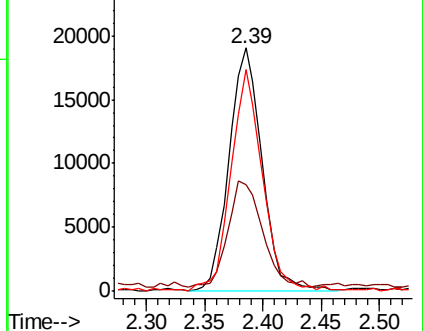
151 88.5 68.6 103.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.637 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

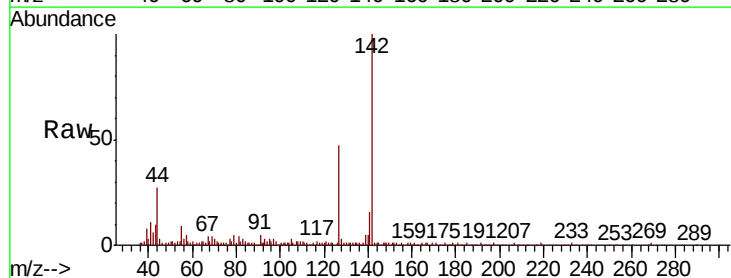
Tgt Ion:142 Resp: 51202

Ion Ratio Lower Upper

142 100

127 43.0 34.8 52.2

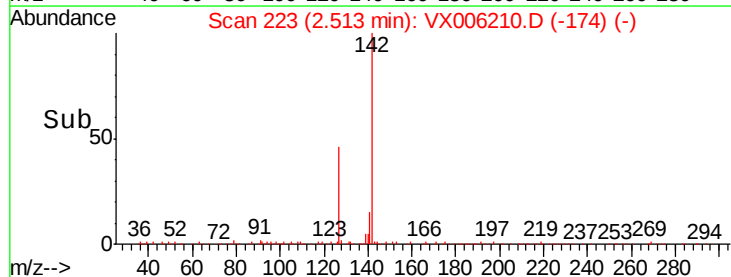
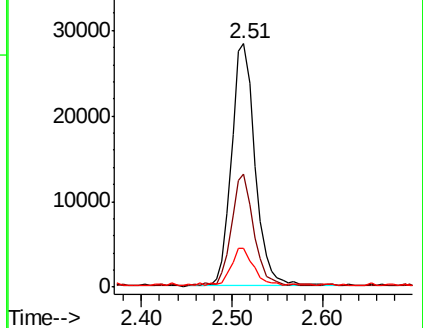
141 14.2 11.4 17.2

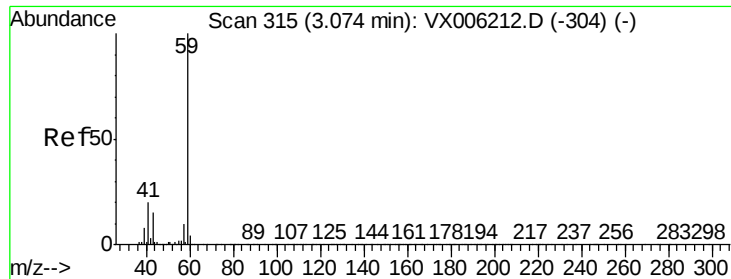


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

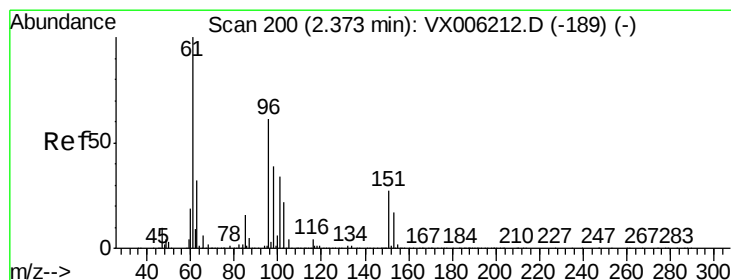
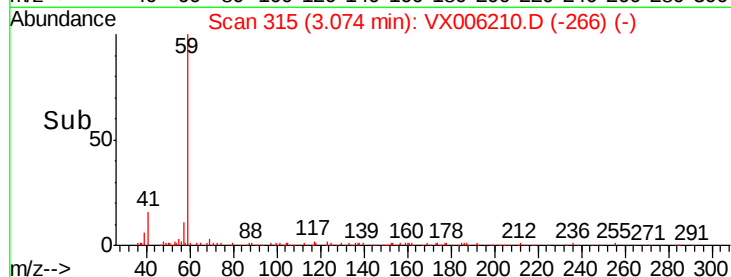
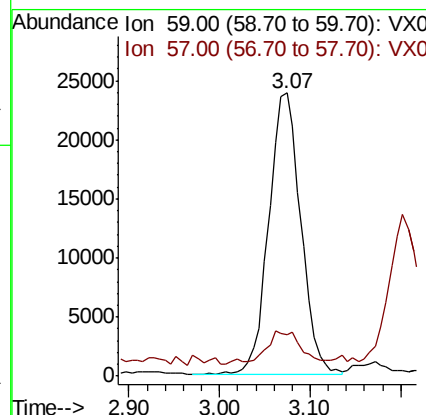
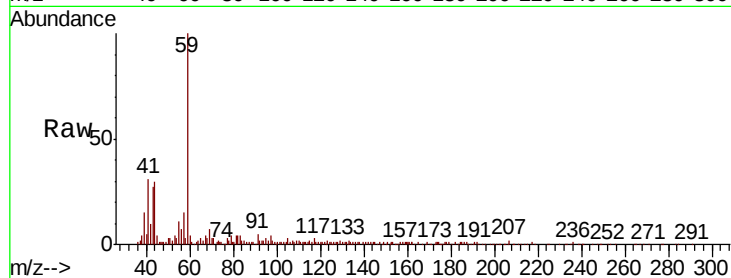




#11
Tert butyl alcohol
Concen: 26.926 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

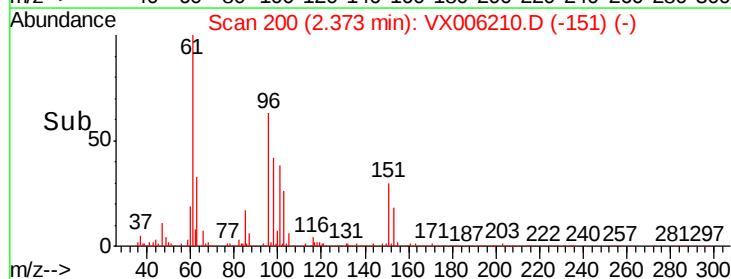
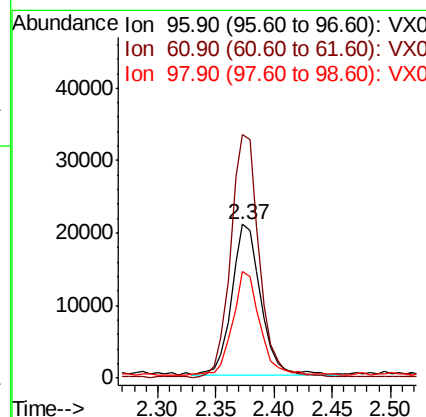
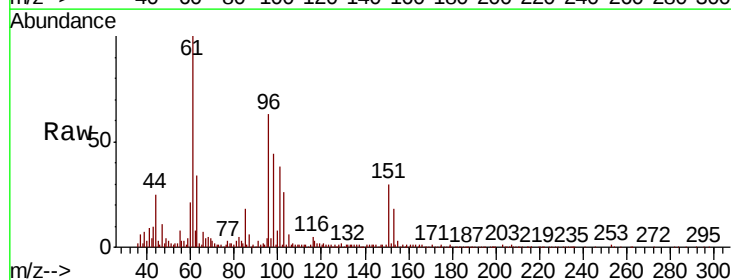
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

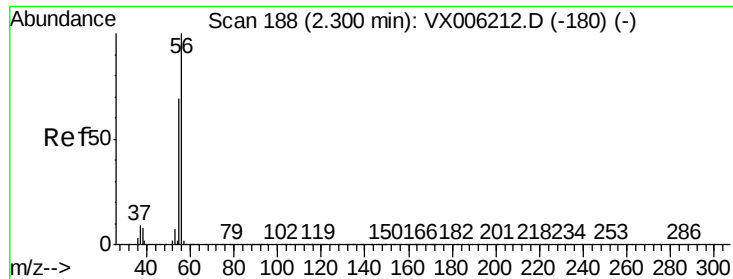
Tgt Ion: 59 Resp: 58267
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 5.185 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

Tgt Ion: 96 Resp: 36369
Ion Ratio Lower Upper
96 100
61 160.9 131.7 197.5
98 68.9 51.8 77.6





#13

Acrolein

Concen: 27.912 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

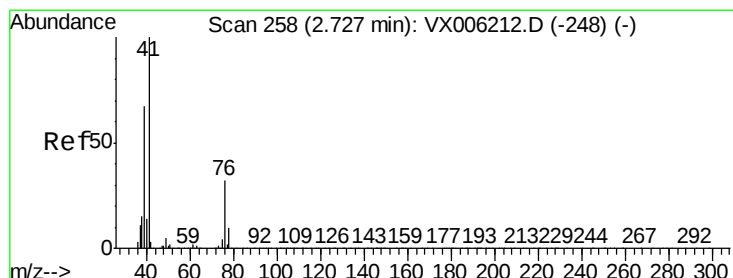
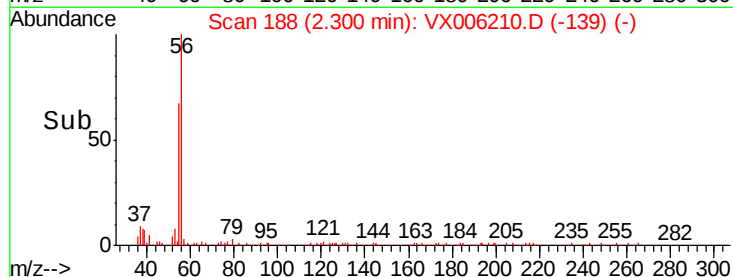
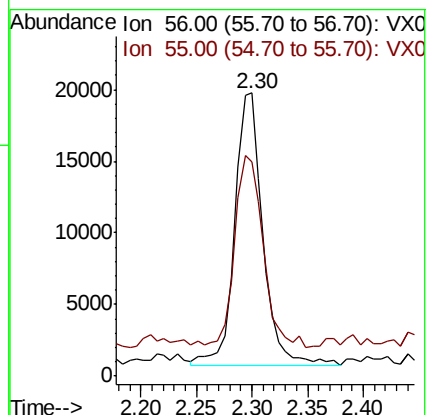
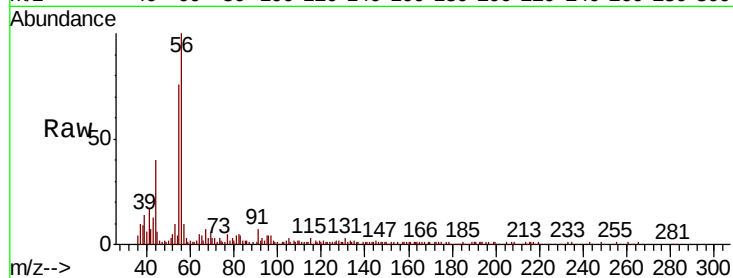
VSTDIC005

Tgt Ion: 56 Resp: 33013

Ion Ratio Lower Upper

56 100

55 70.0 57.8 86.6



#14

Allyl chloride

Concen: 5.171 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

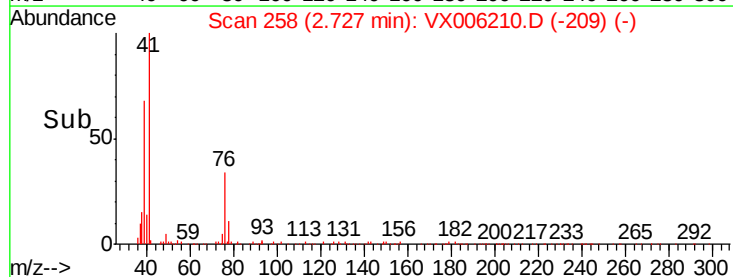
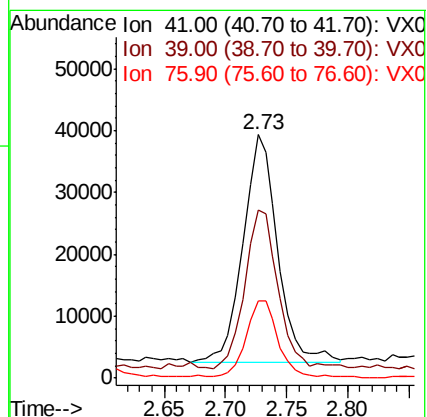
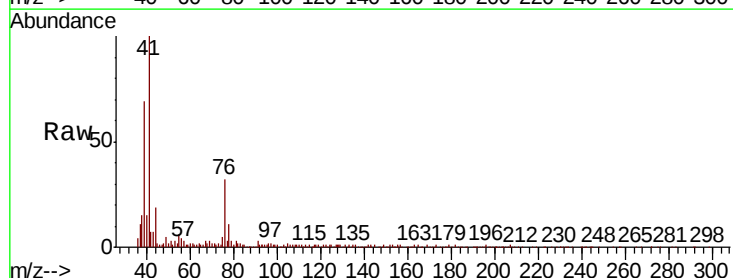
Tgt Ion: 41 Resp: 71641

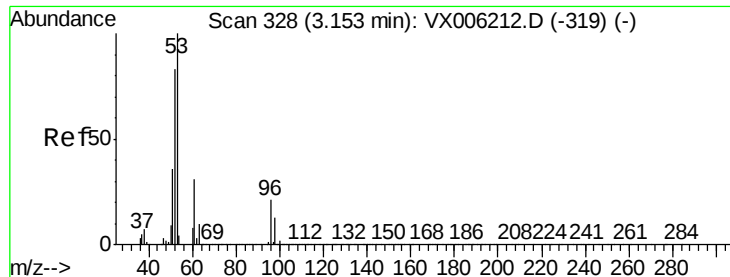
Ion Ratio Lower Upper

41 100

39 67.8 52.4 78.6

76 31.6 25.4 38.0





#15

Acrylonitrile

Concen: 26.447 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

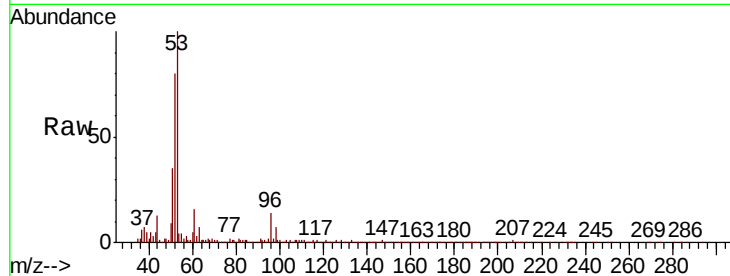
Tgt Ion: 53 Resp: 119426

Ion Ratio Lower Upper

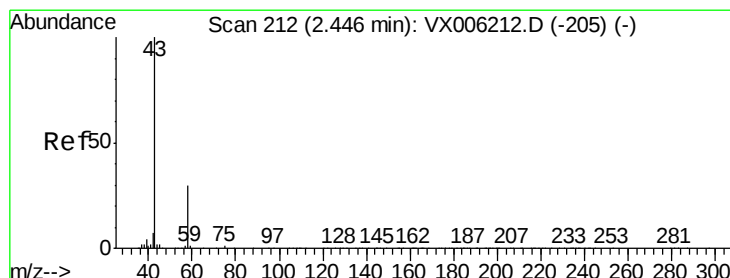
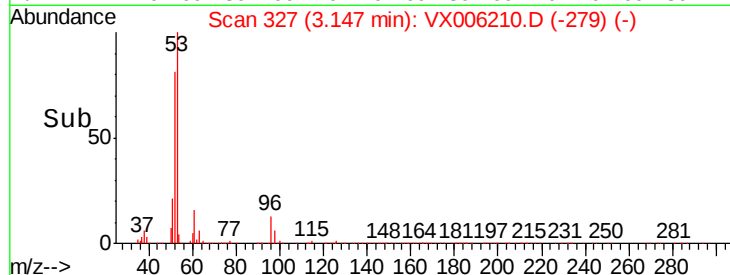
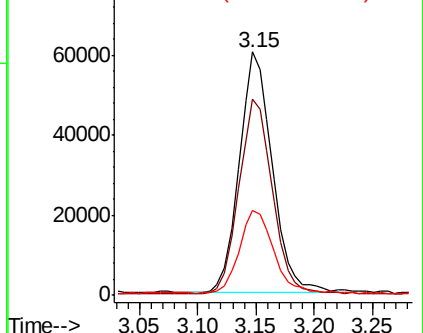
53 100

52 82.5 66.2 99.4

51 35.1 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 25.364 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006210.D

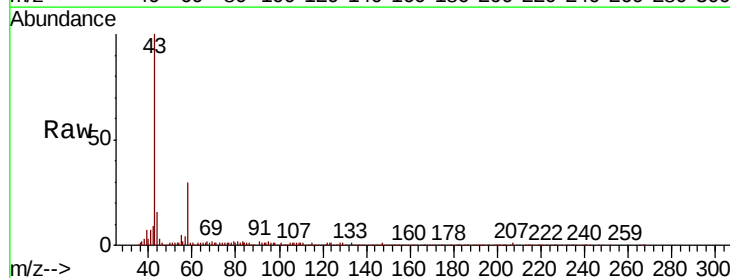
Acq: 29 Nov 2018 14:32

Tgt Ion: 43 Resp: 94188

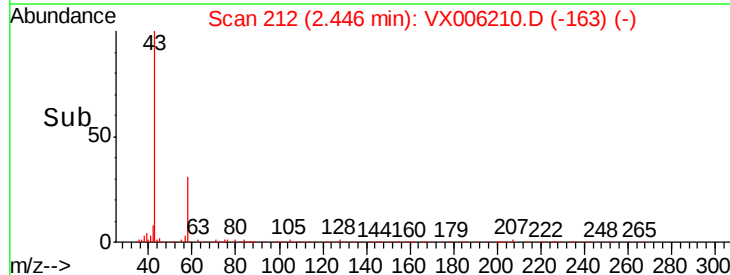
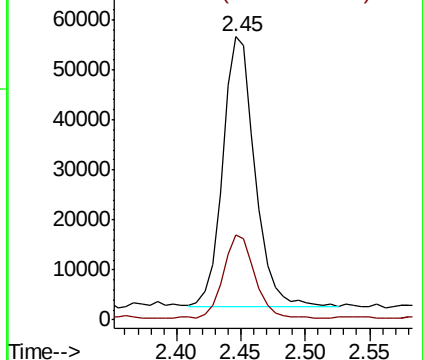
Ion Ratio Lower Upper

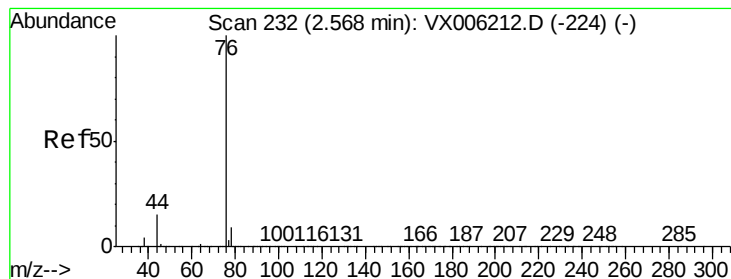
43 100

58 30.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 5.034 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

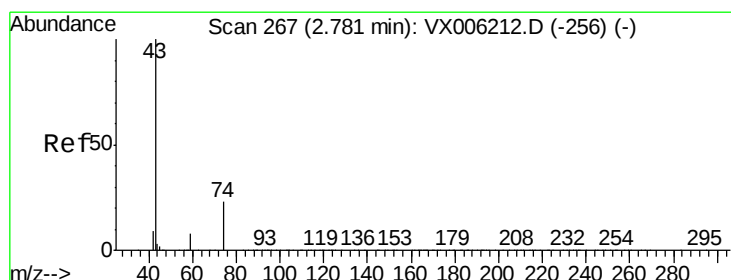
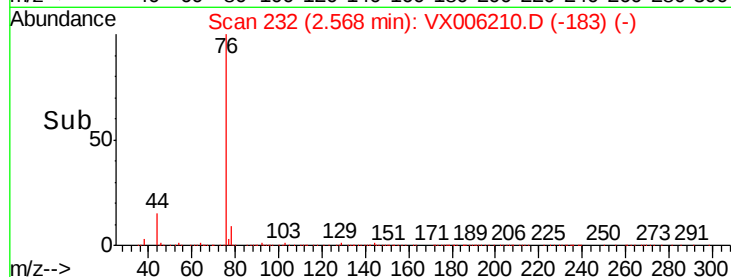
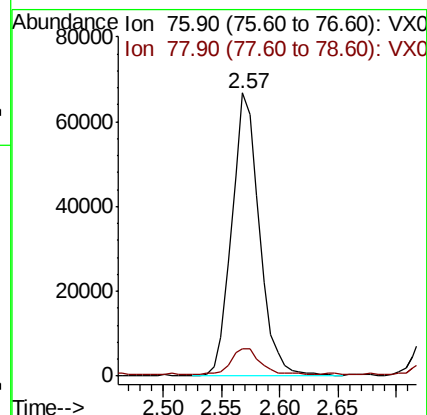
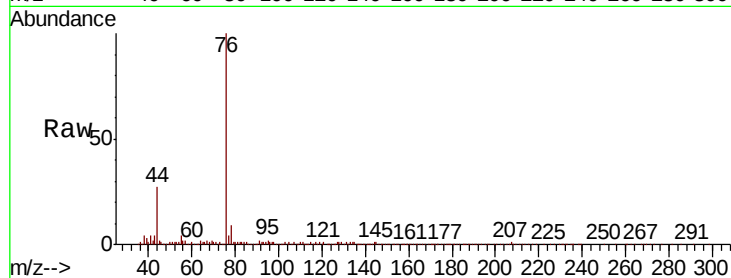
VSTDIC005

Tgt Ion: 76 Resp: 108788

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 5.242 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006210.D

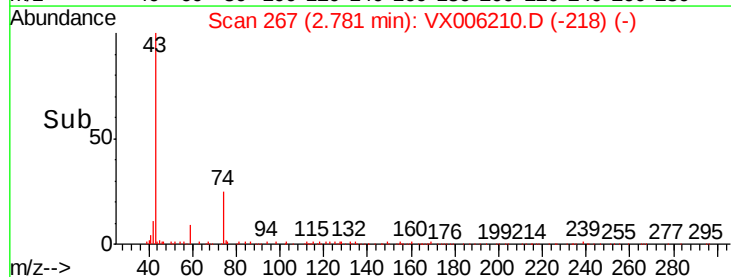
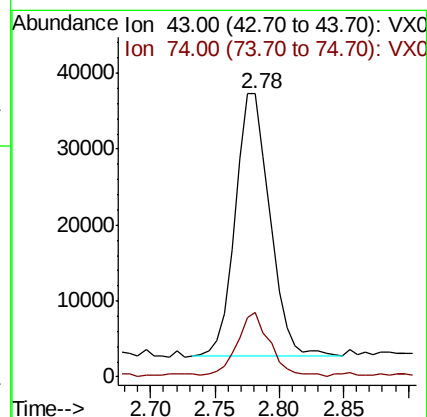
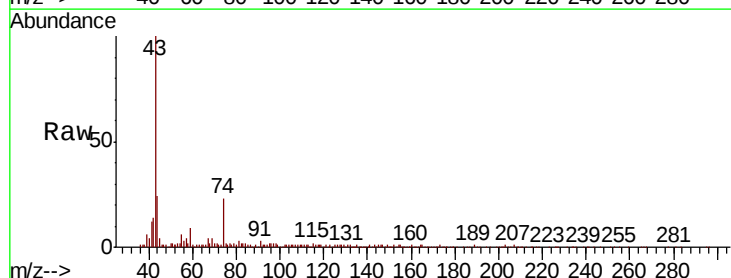
Acq: 29 Nov 2018 14:32

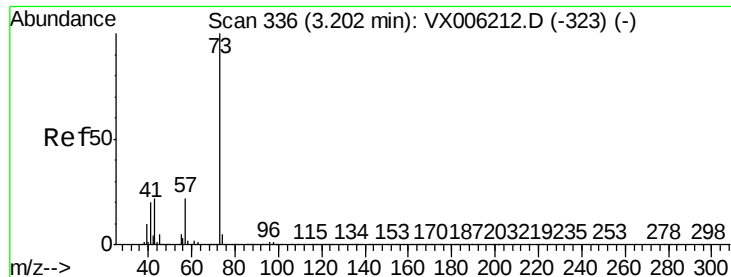
Tgt Ion: 43 Resp: 65102

Ion Ratio Lower Upper

43 100

74 22.5 17.9 26.9



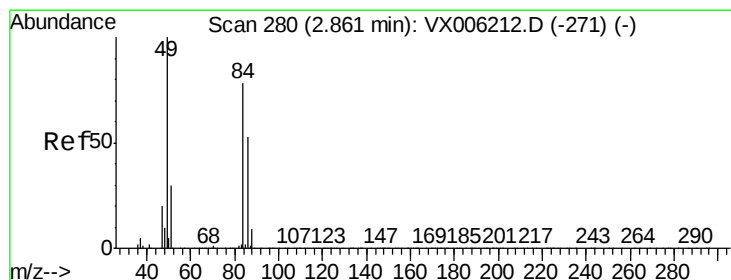
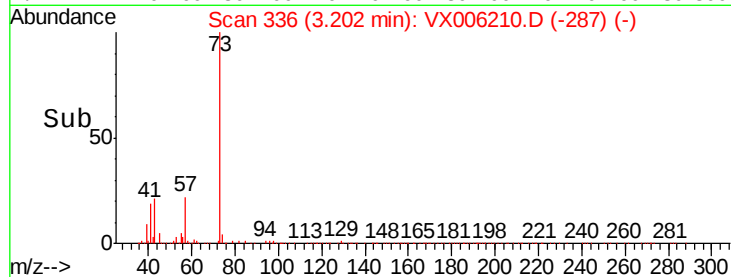
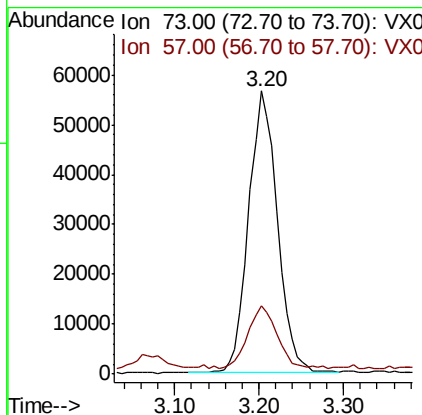
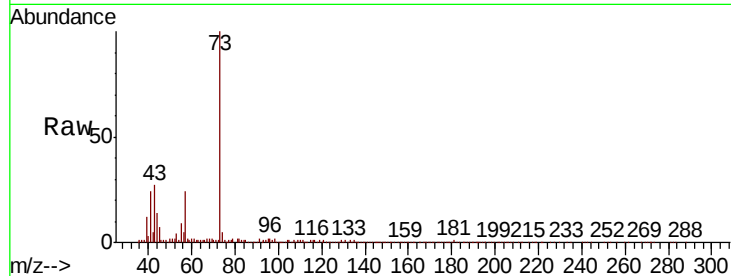


#19

Methyl tert-butyl Ether
 Concen: 5.249 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

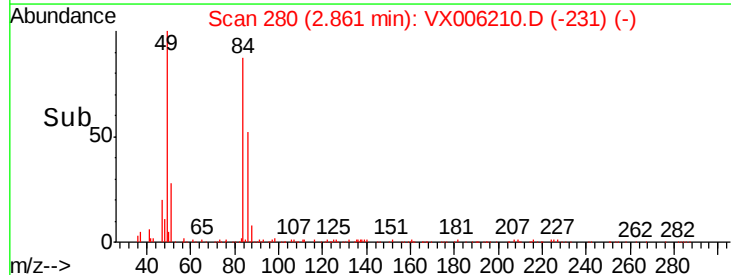
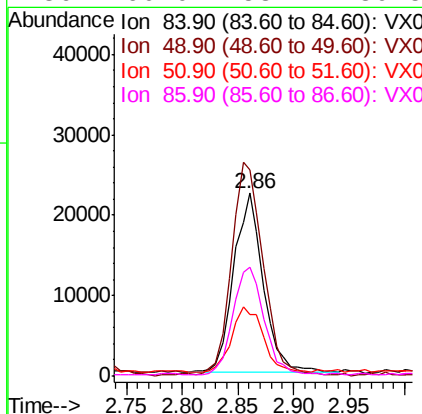
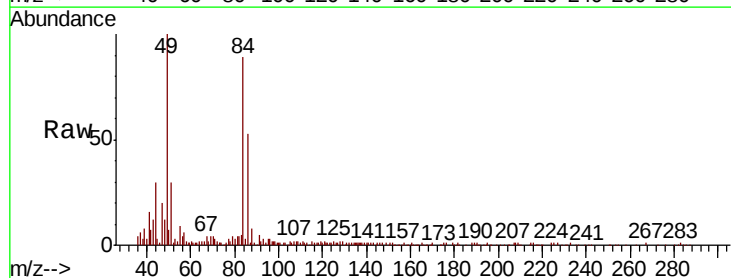
Tgt Ion: 73 Resp: 131343
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.5 26.3

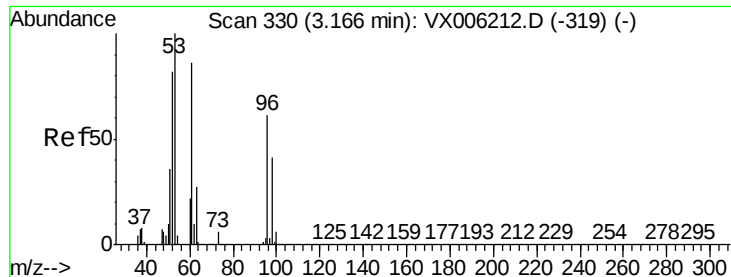


#20

Methylene Chloride
 Concen: 5.203 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

Tgt Ion: 84 Resp: 41120
 Ion Ratio Lower Upper
 84 100
 49 114.3 102.2 153.4
 51 32.3 31.1 46.7
 86 60.0 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 5.189 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

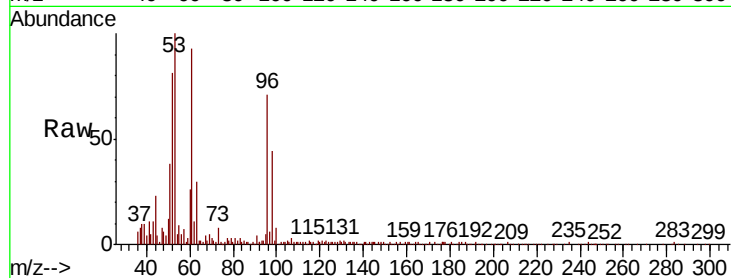
Tgt Ion: 96 Resp: 38784

Ion Ratio Lower Upper

96 100

61 132.7 113.3 169.9

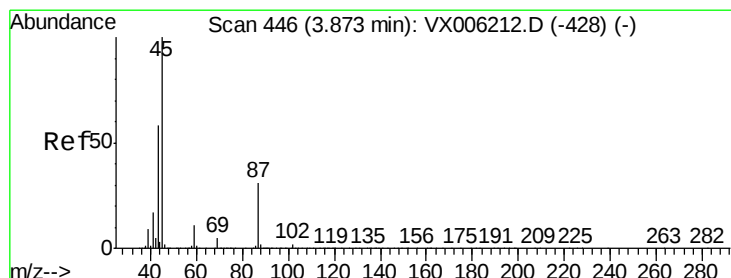
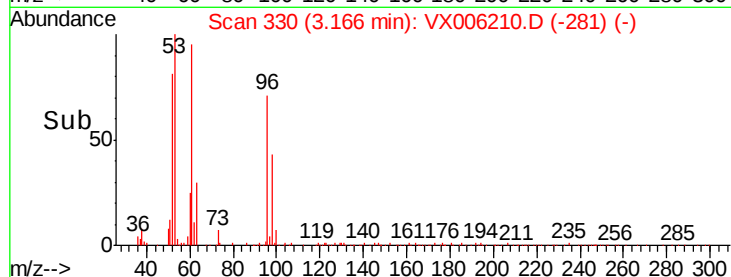
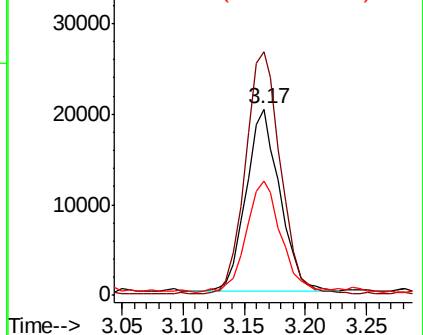
98 60.4 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 5.080 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Tgt Ion: 45 Resp: 109944

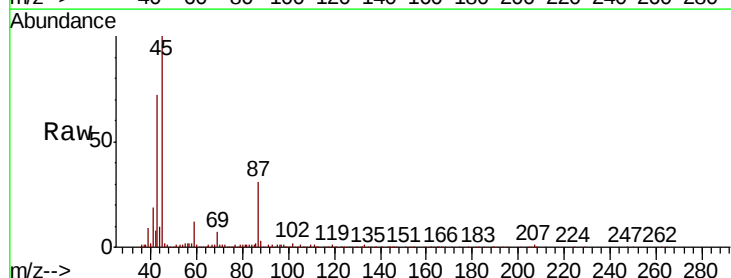
Ion Ratio Lower Upper

45 100

43 69.8 46.2 69.2#

87 31.4 24.9 37.3

59 11.9 9.1 13.7

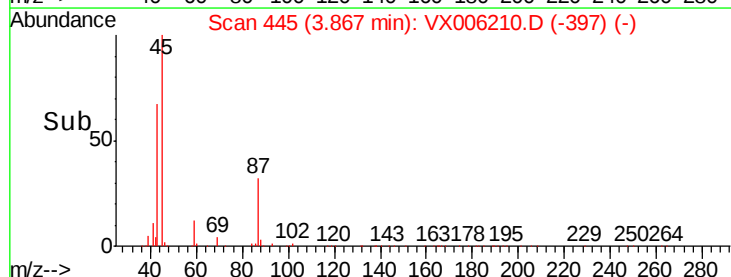
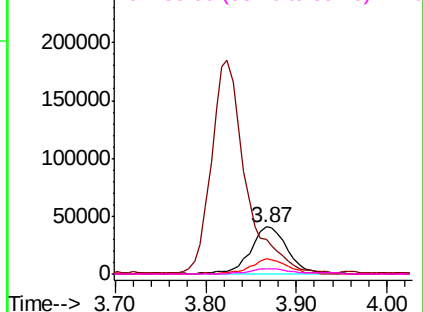


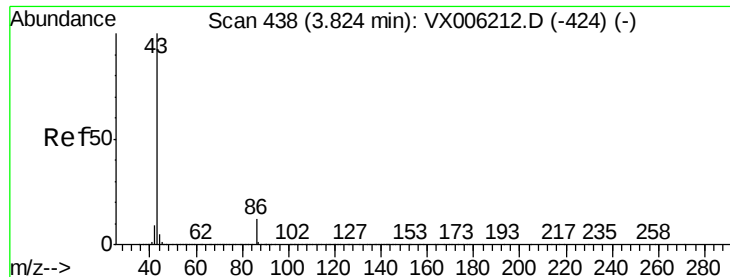
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 26.081 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

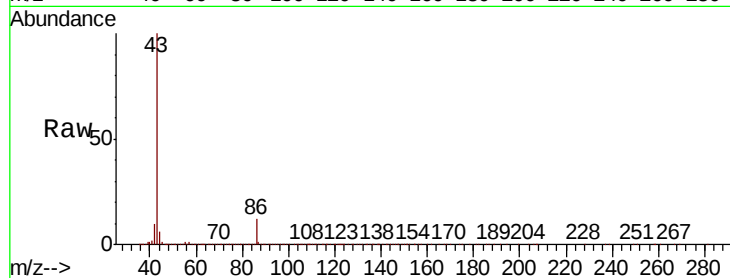
VSTDIC005

Tgt Ion: 43 Resp: 481414

Ion Ratio Lower Upper

43 100

86 11.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

200000

150000

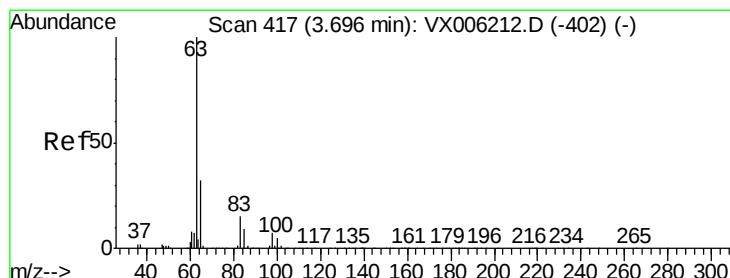
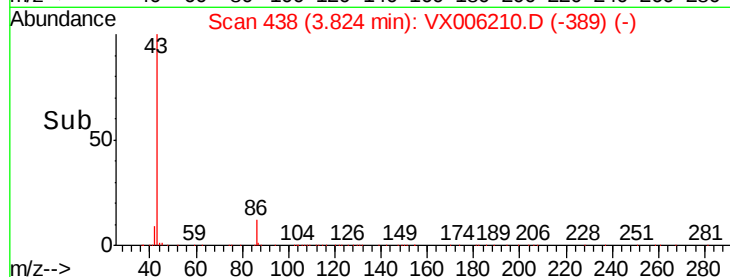
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 5.093 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

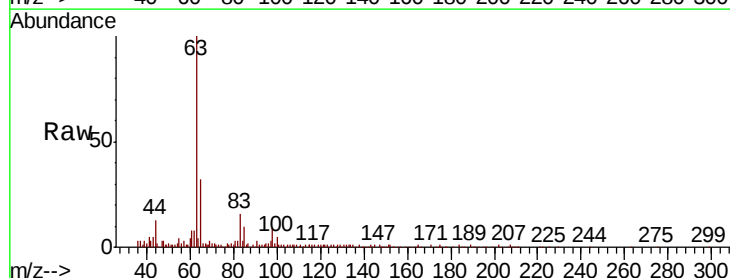
Tgt Ion: 63 Resp: 63003

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.7 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

30000

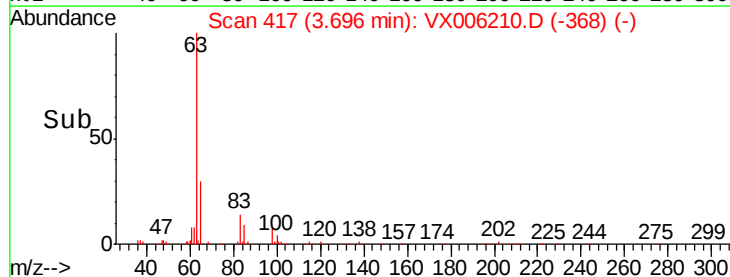
20000

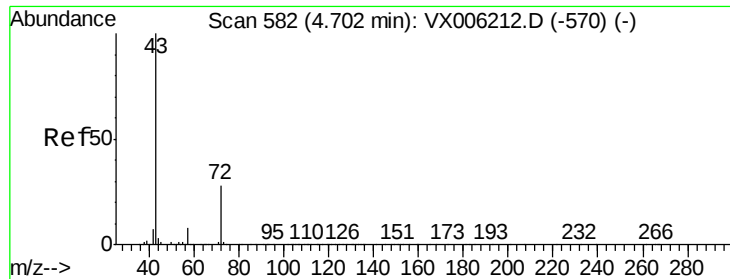
10000

0

3.60 3.65 3.70 3.75 3.80

Time-->





#25

2-Butanone

Concen: 26.331 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

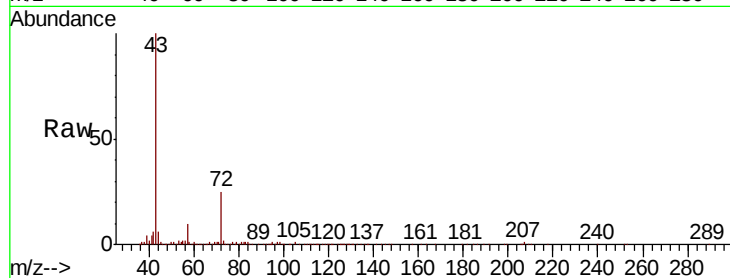
VSTDIC005

Tgt Ion: 43 Resp: 139517

Ion Ratio Lower Upper

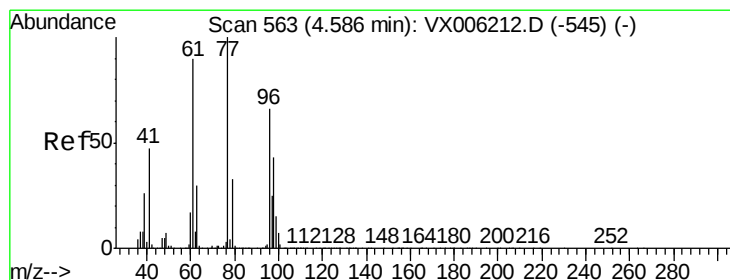
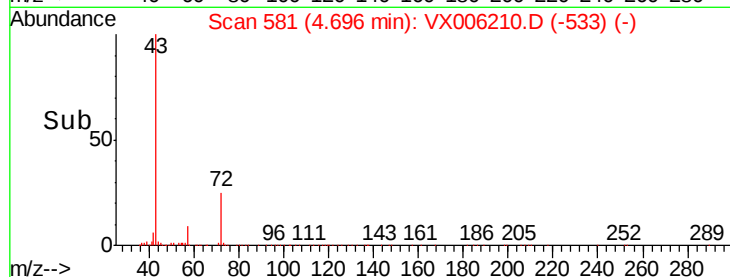
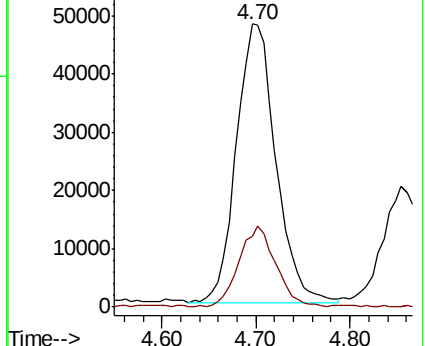
43 100

72 25.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 5.393 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006210.D

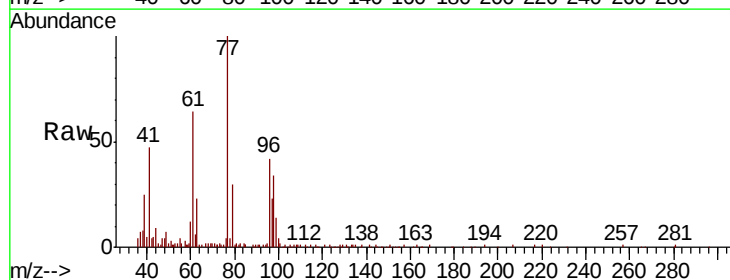
Acq: 29 Nov 2018 14:32

Tgt Ion: 77 Resp: 61569

Ion Ratio Lower Upper

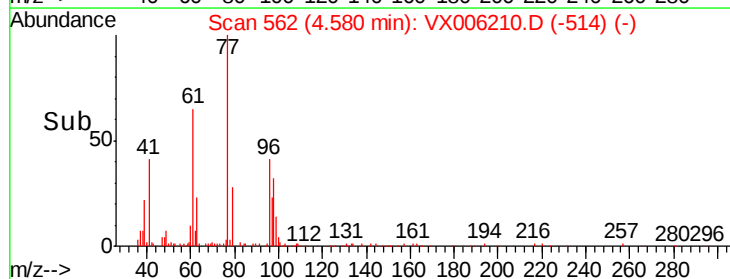
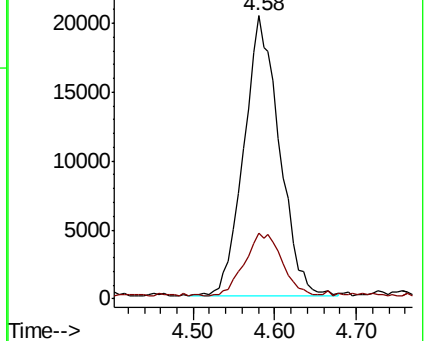
77 100

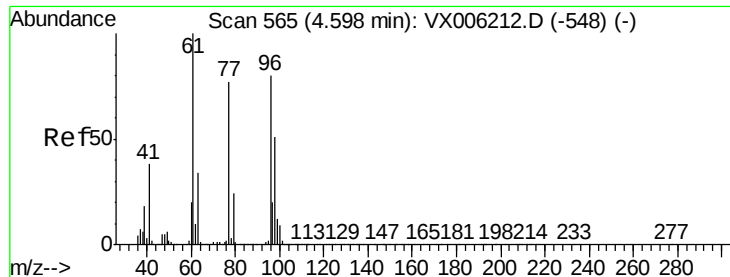
97 23.7 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



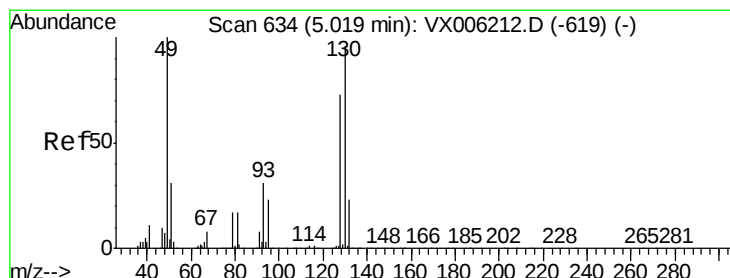
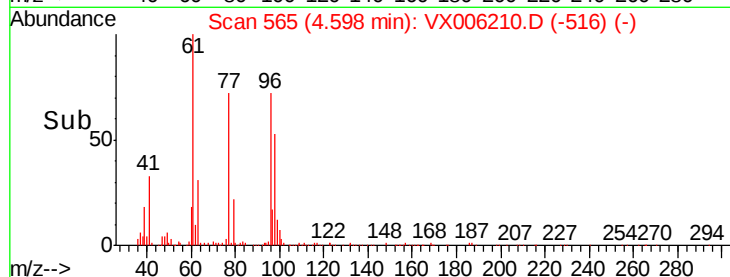
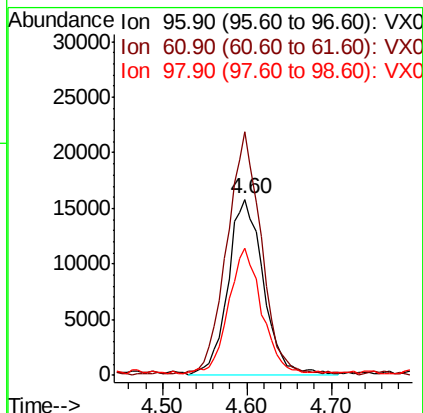
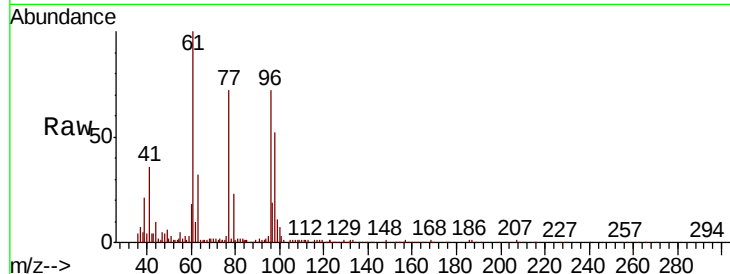


#27

cis-1,2-Dichloroethene
Concen: 5.353 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

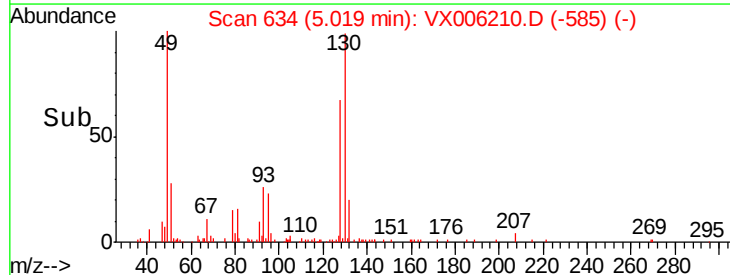
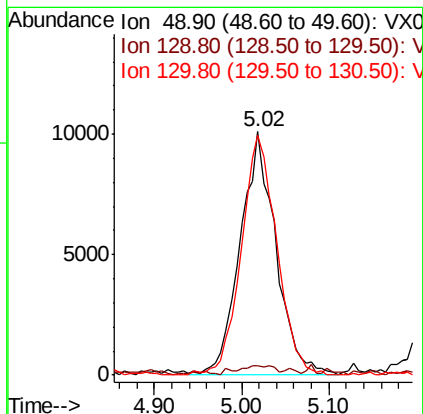
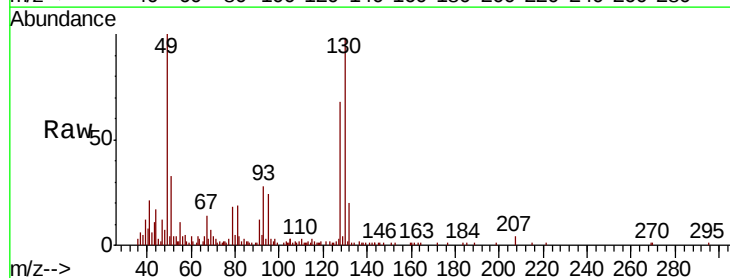
Tgt Ion: 96 Resp: 44633
Ion Ratio Lower Upper
96 100
61 134.1 0.0 265.0
98 67.4 0.0 130.2

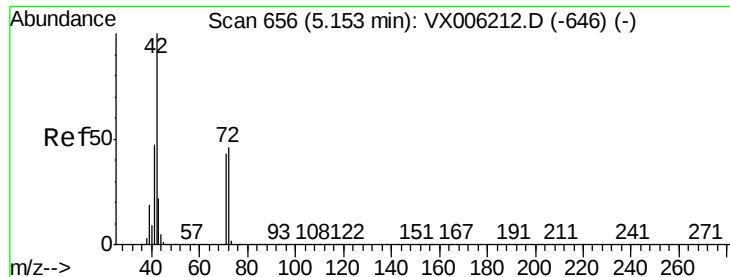


#28

Bromochloromethane
Concen: 5.298 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

Tgt Ion: 49 Resp: 28627
Ion Ratio Lower Upper
49 100
129 4.1 0.0 5.0
130 98.0 78.3 117.5





#29

Tetrahydrofuran

Concen: 26.998 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

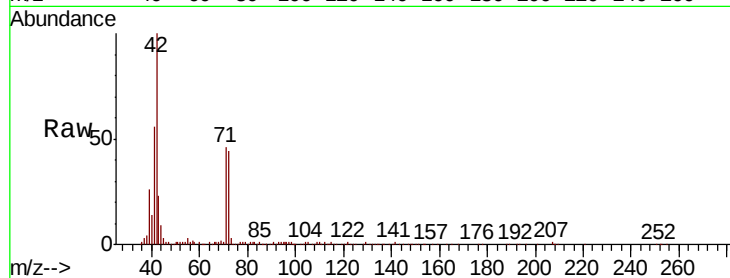
Tgt Ion: 42 Resp: 99419

Ion Ratio Lower Upper

42 100

72 48.3 37.8 56.8

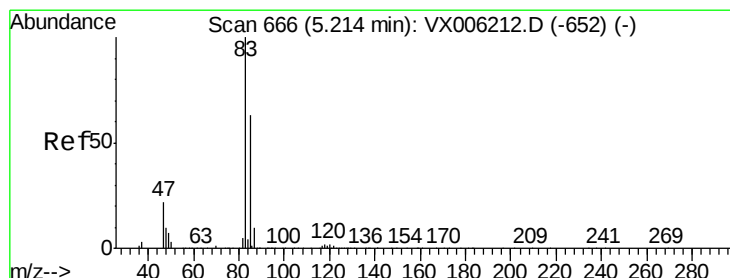
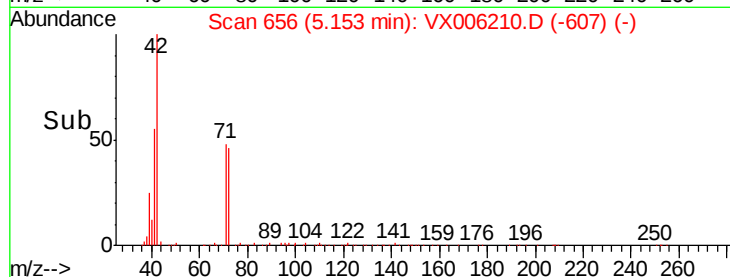
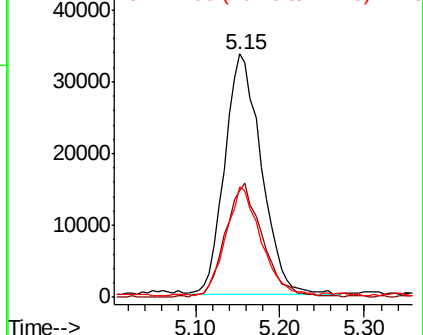
71 43.0 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 5.296 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006210.D

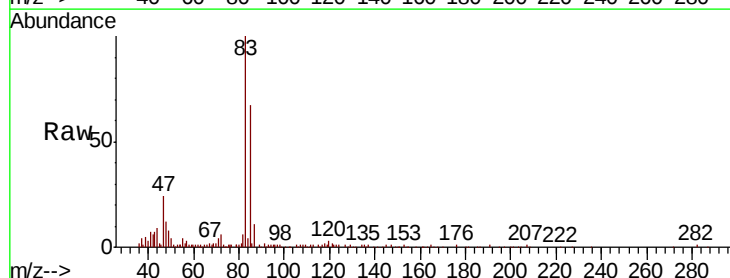
Acq: 29 Nov 2018 14:32

Tgt Ion: 83 Resp: 68844

Ion Ratio Lower Upper

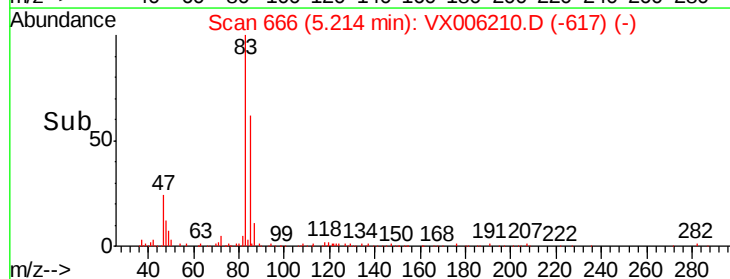
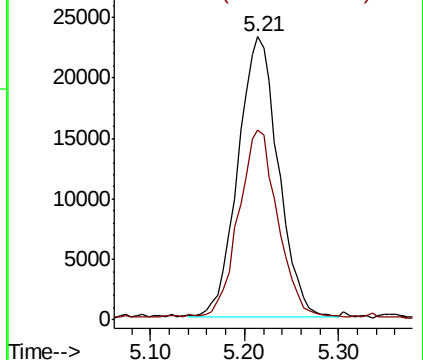
83 100

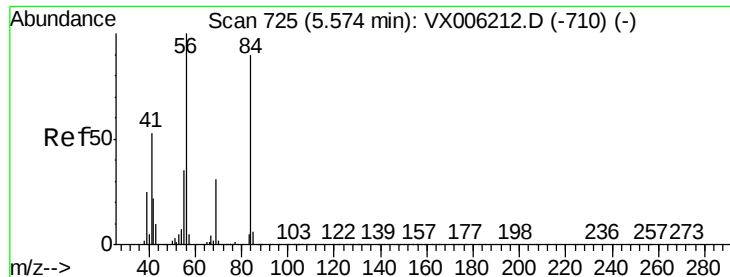
85 66.7 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

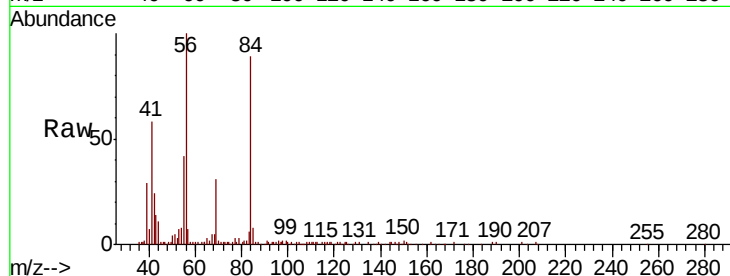




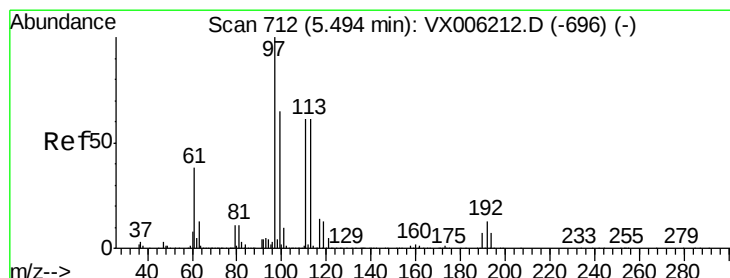
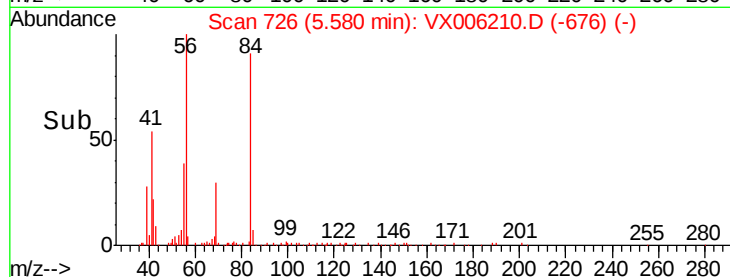
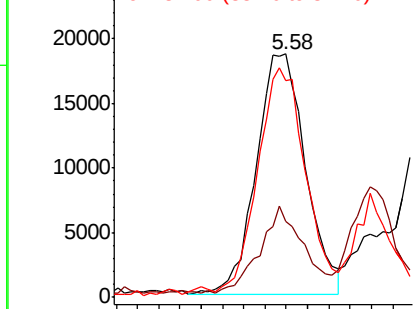
#31
Cyclohexane
Concen: 5.243 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 59932
Ion Ratio Lower Upper
56 100
69 29.1 24.5 36.7
84 88.0 71.8 107.6

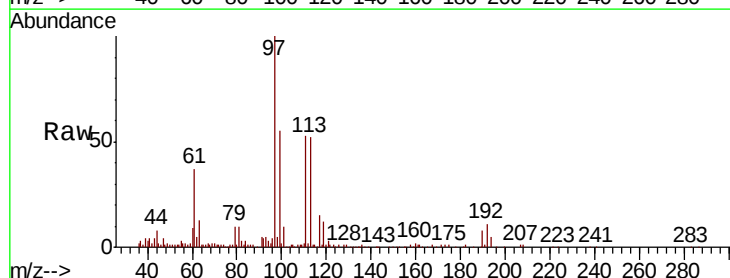


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

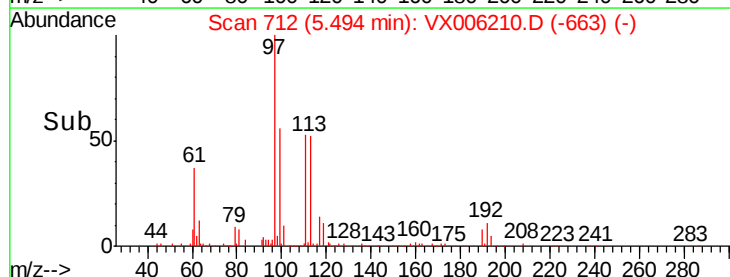
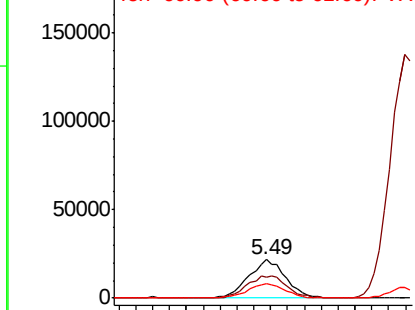


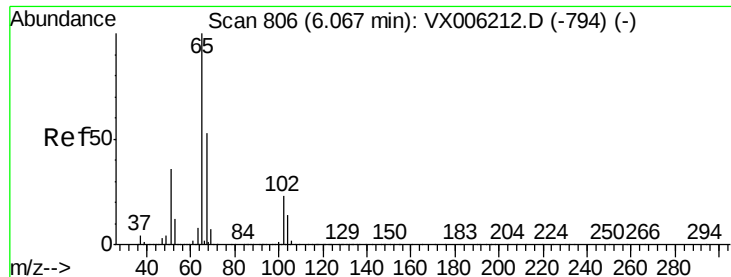
#32
1,1,1-Trichloroethane
Concen: 5.196 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

Tgt Ion: 97 Resp: 64264
Ion Ratio Lower Upper
97 100
99 63.0 51.6 77.4
61 36.6 30.6 46.0



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

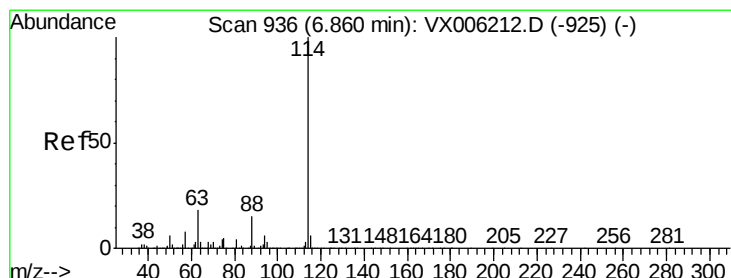
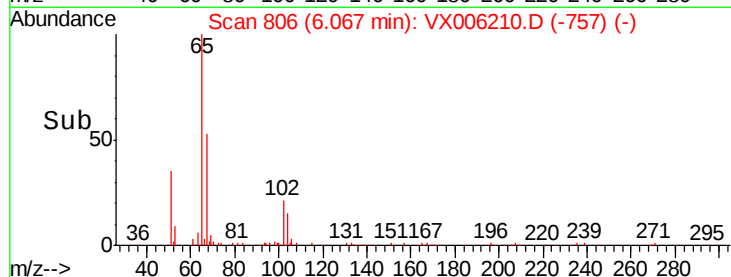
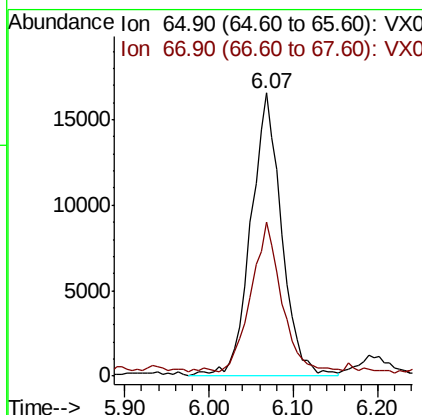
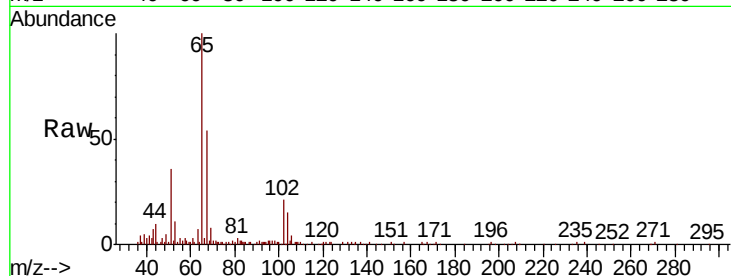




#33
 1,2-Dichloroethane-d4
 Concen: 5.110 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

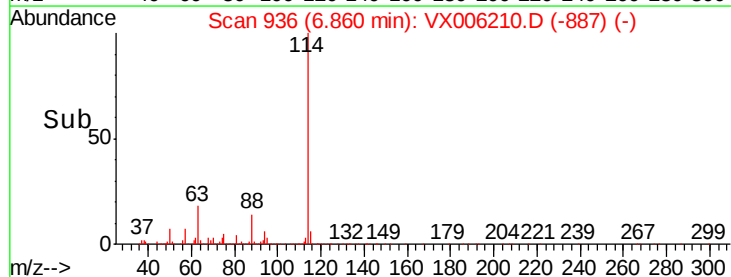
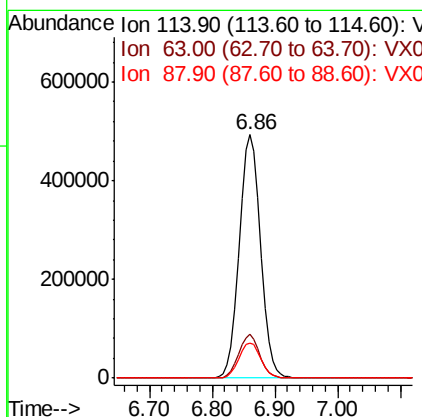
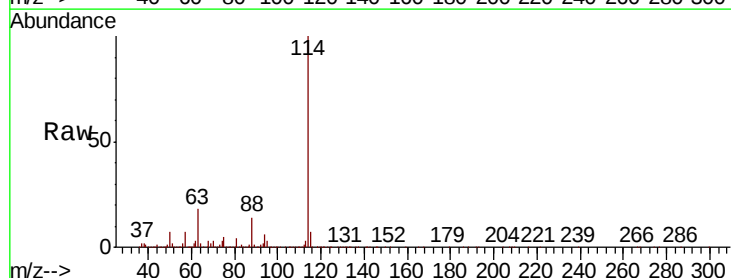
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

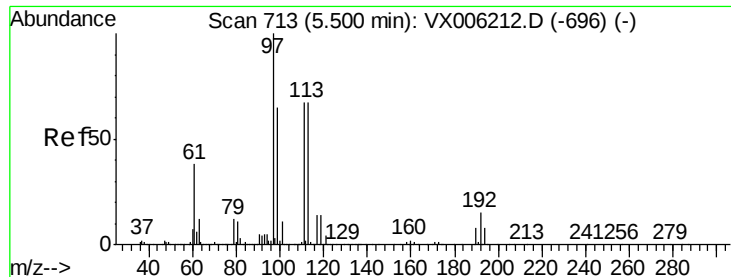
Tgt Ion: 65 Resp: 40436
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

Tgt Ion: 114 Resp: 1160066
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.6
 88 14.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 4.845 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

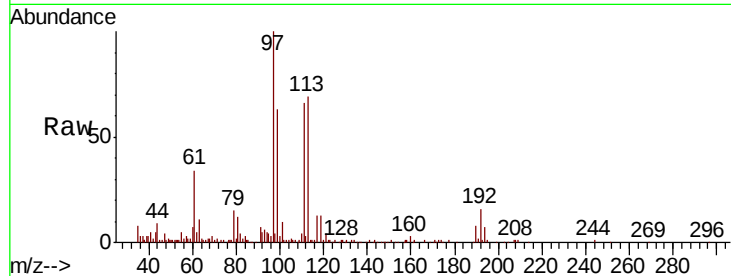
Tgt Ion:113 Resp: 36393

Ion Ratio Lower Upper

113 100

111 103.8 81.1 121.7

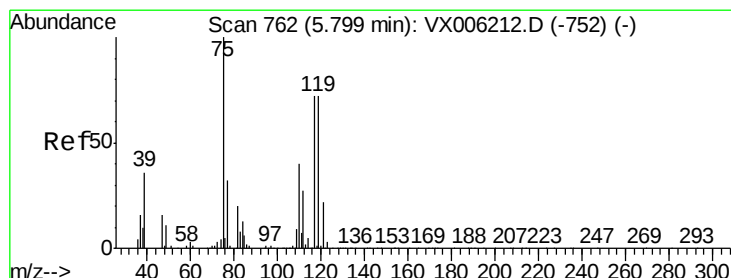
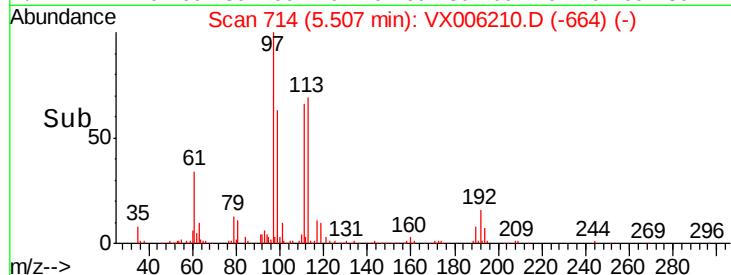
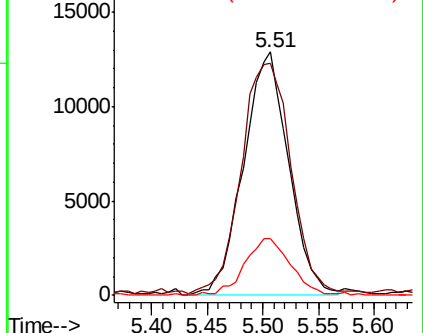
192 23.7 18.2 27.2



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: 5.082 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

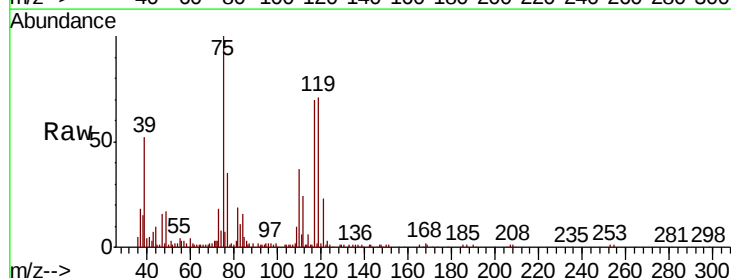
Tgt Ion: 75 Resp: 49643

Ion Ratio Lower Upper

75 100

110 39.8 20.4 61.3

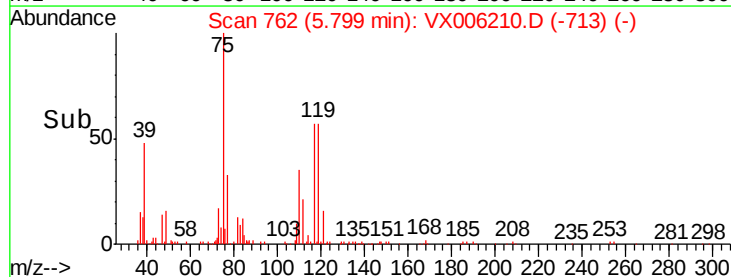
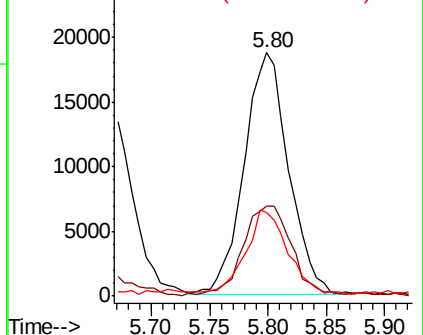
77 32.9 24.9 37.3

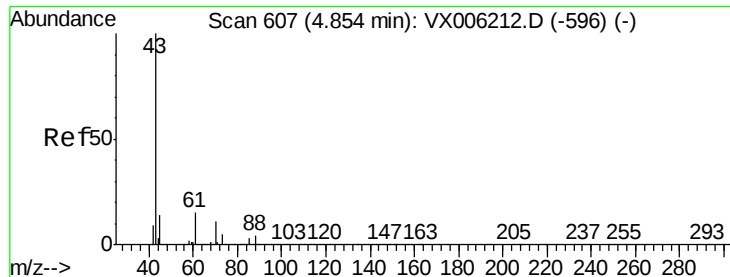


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

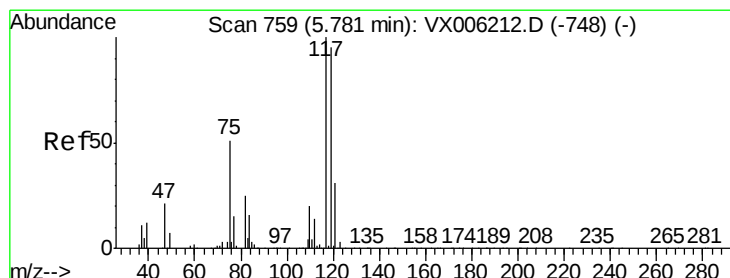
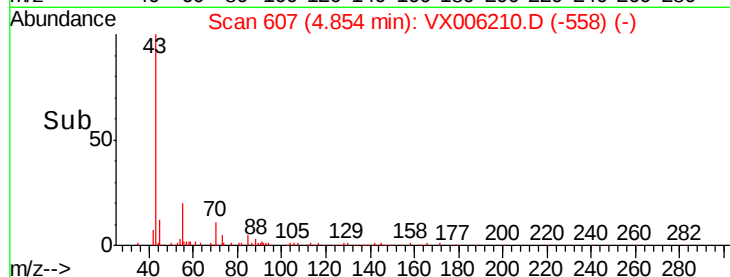
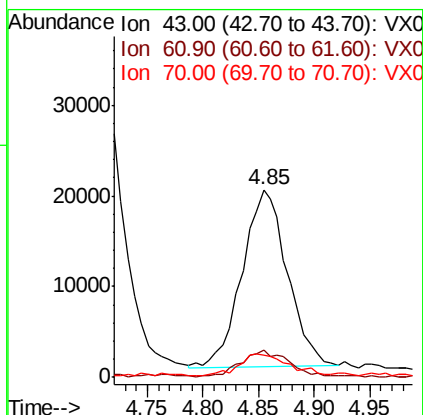
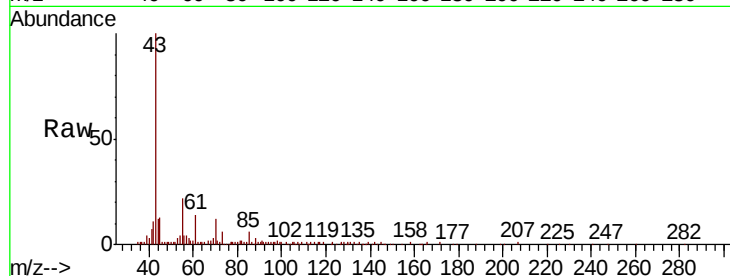




#37
Ethyl Acetate
Concen: 5.031 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

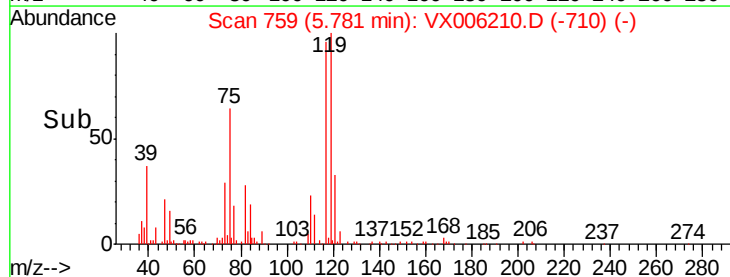
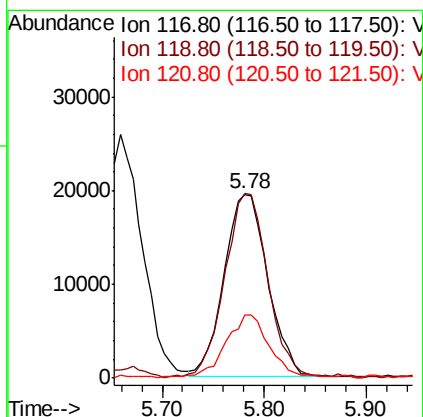
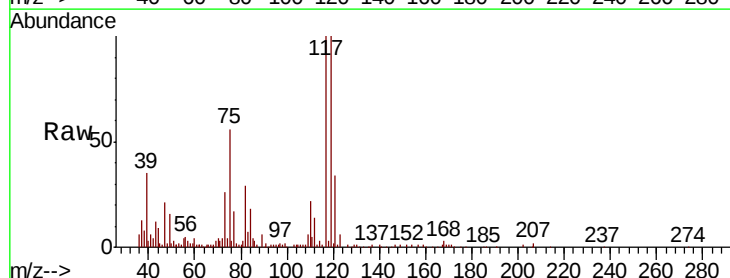
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

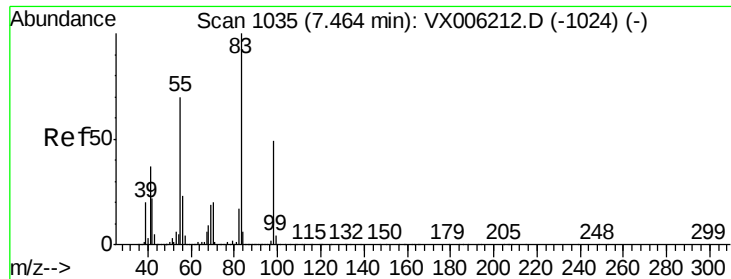
Tgt Ion:	43	Resp:	55040
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.5	17.3
70	13.1	9.0	13.6



#38
Carbon Tetrachloride
Concen: 5.056 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

Tgt Ion:	117	Resp:	58110
Ion	Ratio	Lower	Upper
117	100		
119	99.0	75.8	113.8
121	33.6	24.6	37.0

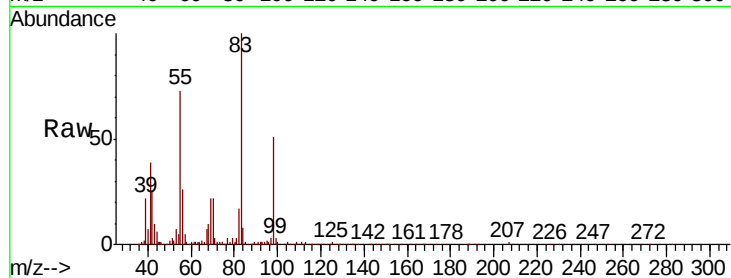




#39
Methylcyclohexane
Concen: 5.087 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.5	56.4	84.6
98	50.3	39.0	58.6

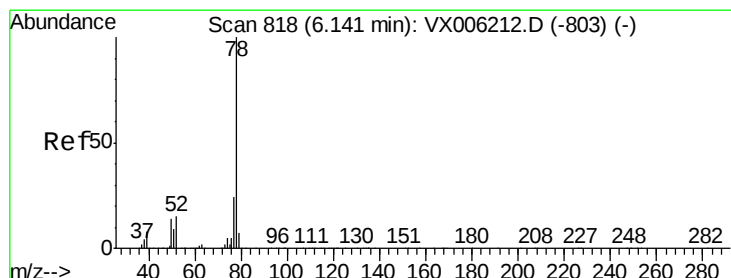
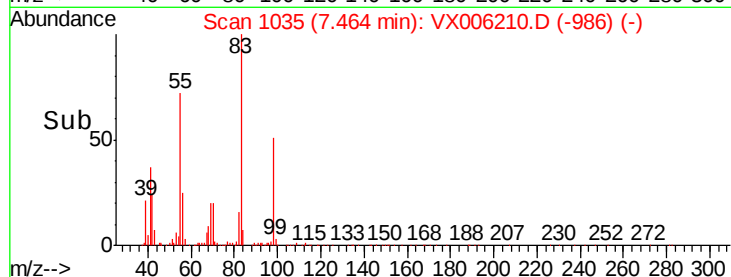
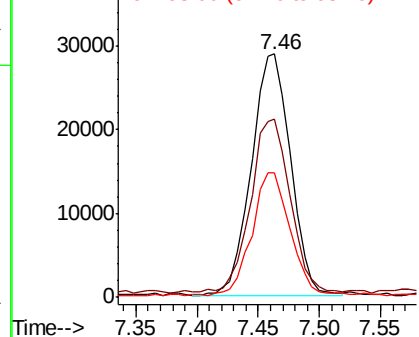


Abundance

Ion 83.00 (82.70 to 83.70): VX0

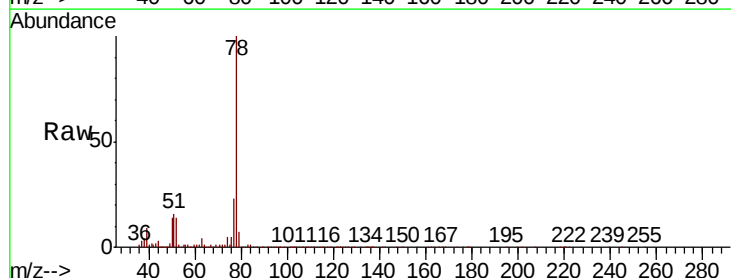
Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40
Benzene
Concen: 5.110 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

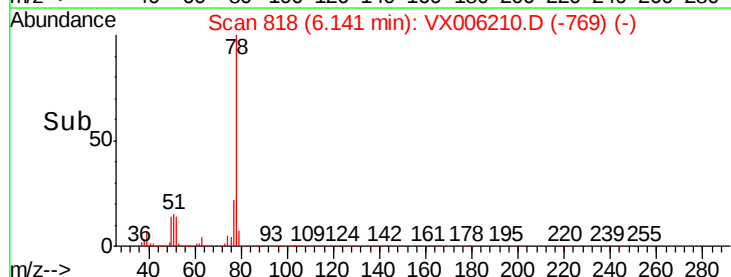
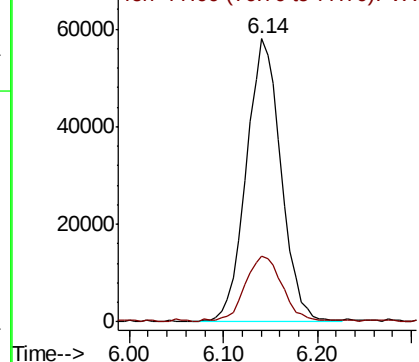
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.2	28.8



Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

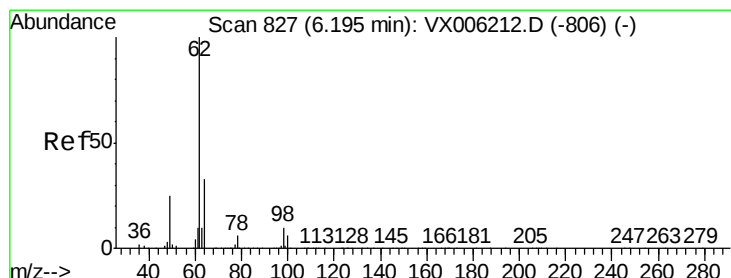
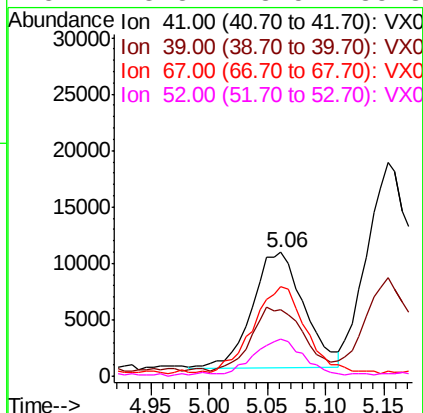
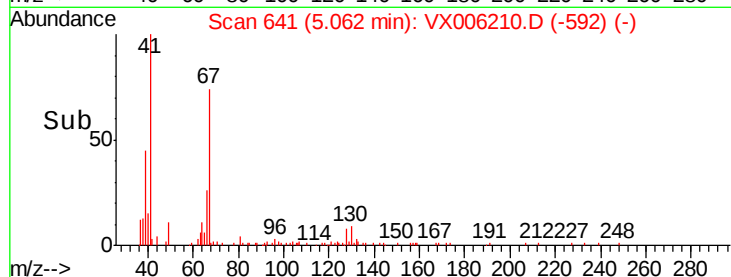
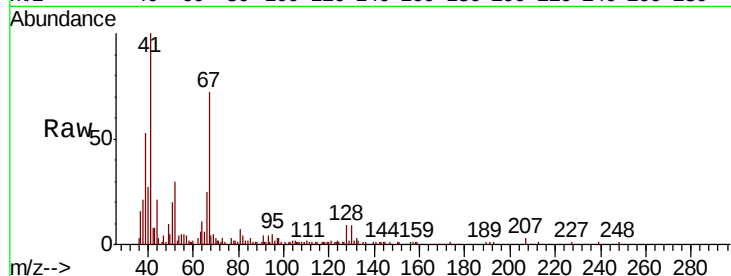




#41
Methacrylonitrile
Concen: 5.195 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

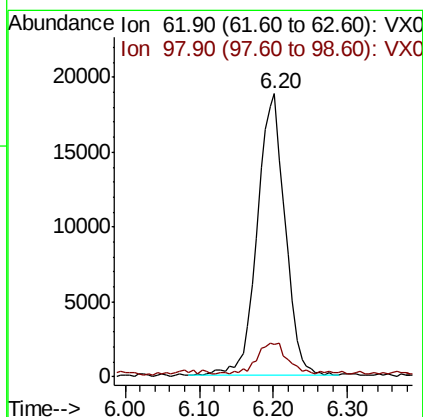
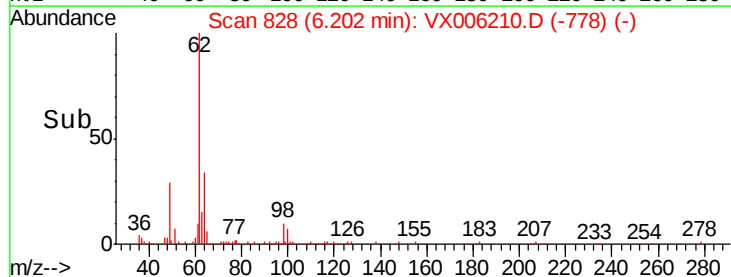
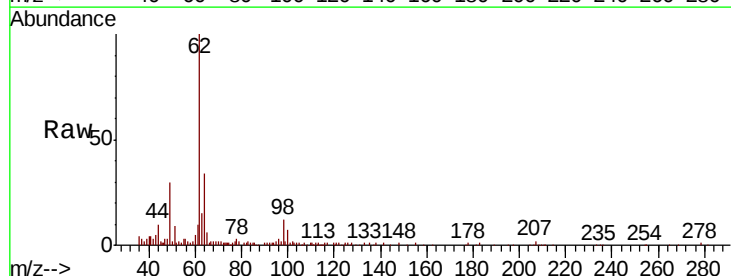
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

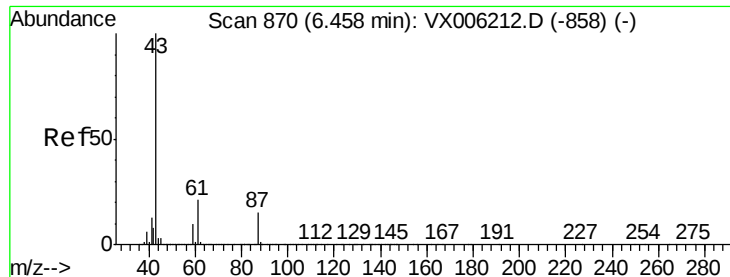
Tgt Ion:	41	Resp:	31273
Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.0	66.0
67	77.0	61.4	92.0
52	28.8	23.5	35.3



#42
1,2-Dichloroethane
Concen: 5.166 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

Tgt Ion:	62	Resp:	49468
Ion	Ratio	Lower	Upper
62	100		
98	12.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 5.160 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

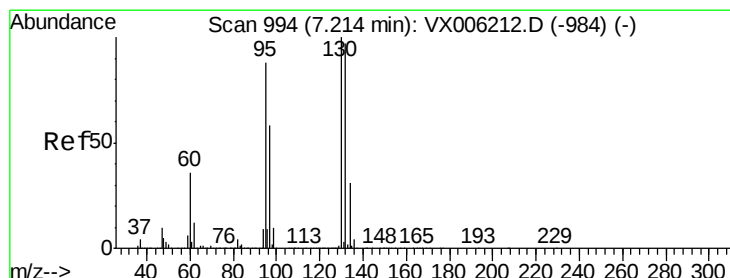
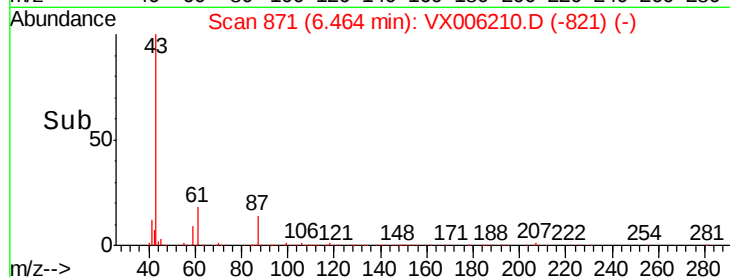
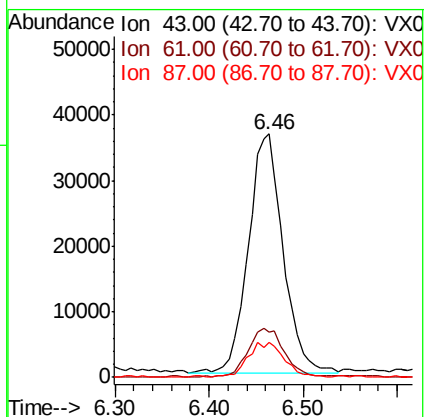
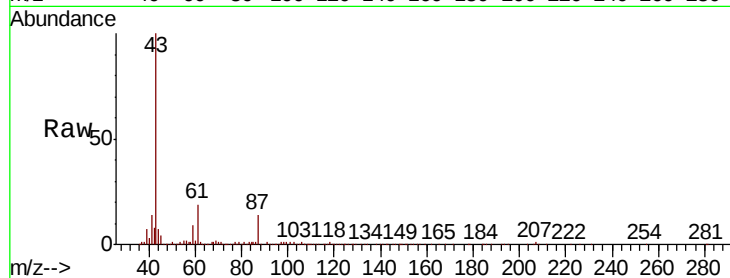
Tgt Ion: 43 Resp: 94119

Ion Ratio Lower Upper

43 100

61 21.9 16.8 25.2

87 15.3 11.9 17.9



#44

Trichloroethene

Concen: 5.151 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006210.D

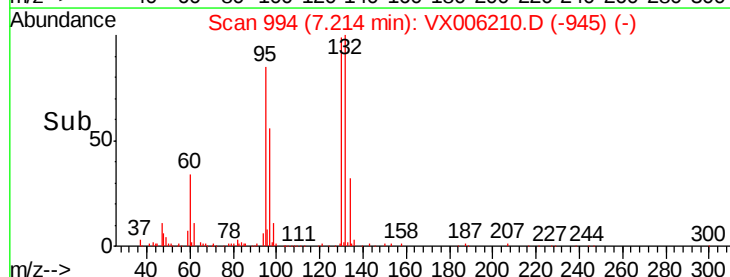
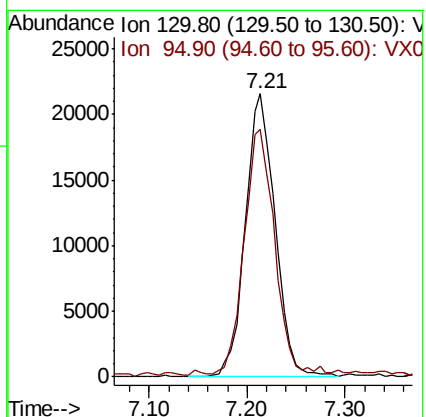
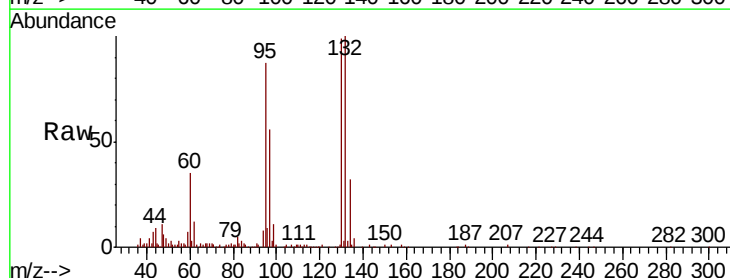
Acq: 29 Nov 2018 14:32

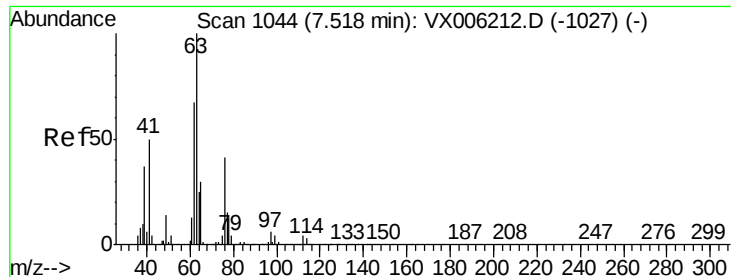
Tgt Ion: 130 Resp: 45656

Ion Ratio Lower Upper

130 100

95 87.0 0.0 175.8





#45

1,2-Dichloropropane

Concen: 4.991 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

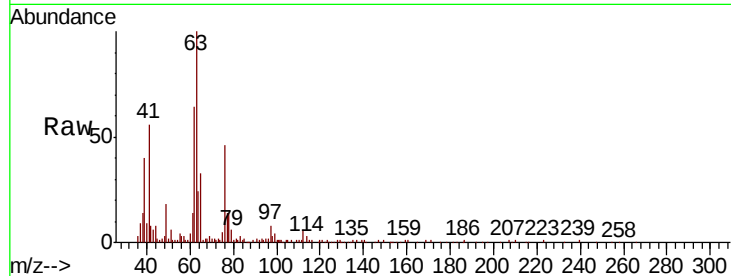
VSTDIC005

Tgt Ion: 63 Resp: 37115

Ion Ratio Lower Upper

63 100

65 32.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

20000

15000

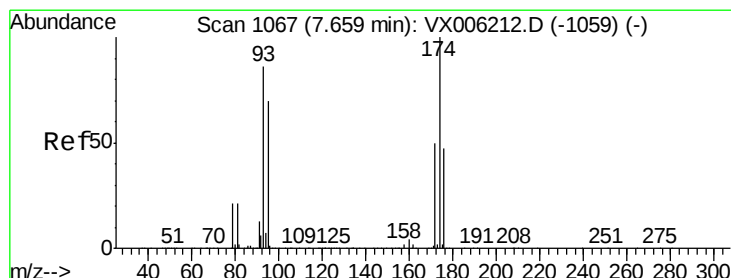
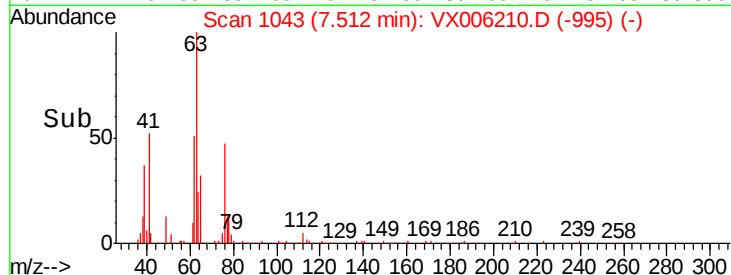
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 5.106 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

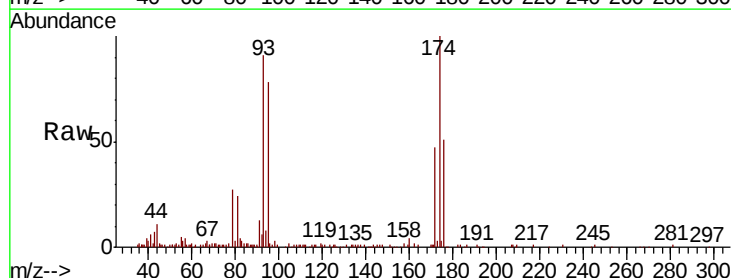
Tgt Ion: 93 Resp: 27420

Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

174 118.8 97.2 145.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

20000

15000

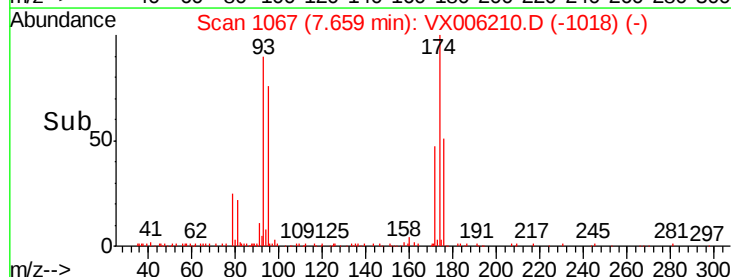
10000

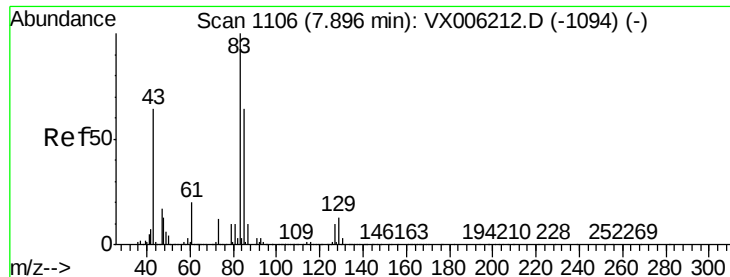
5000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 5.090 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

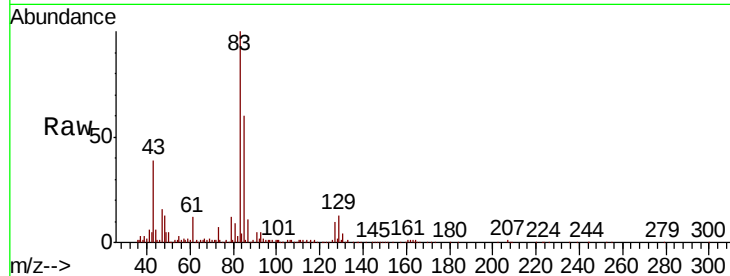
Tgt Ion: 83 Resp: 52933

Ion Ratio Lower Upper

83 100

85 59.4 51.4 77.0

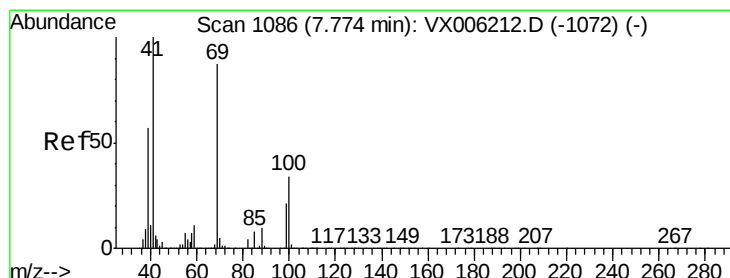
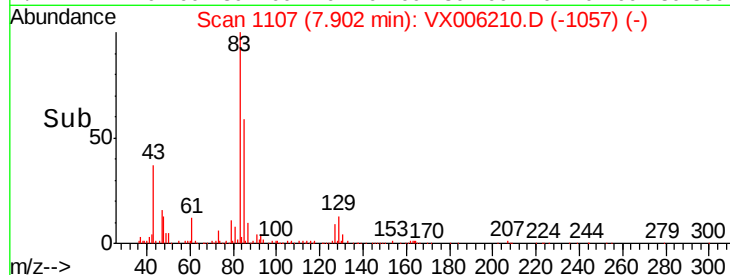
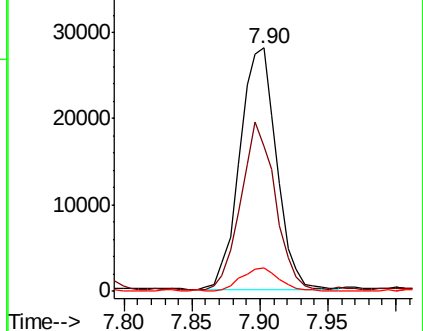
127 9.7 7.9 11.9



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: 5.324 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

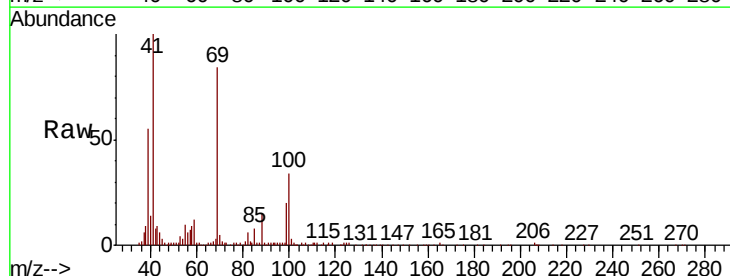
Tgt Ion: 41 Resp: 47244

Ion Ratio Lower Upper

41 100

69 88.1 70.3 105.5

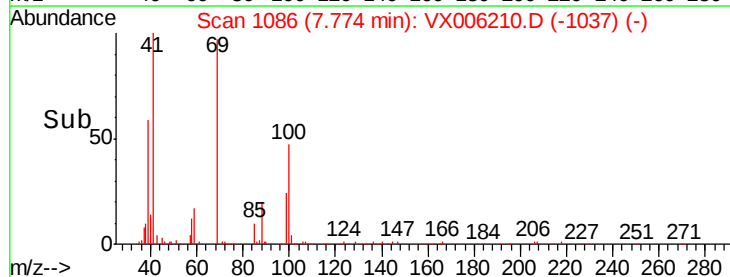
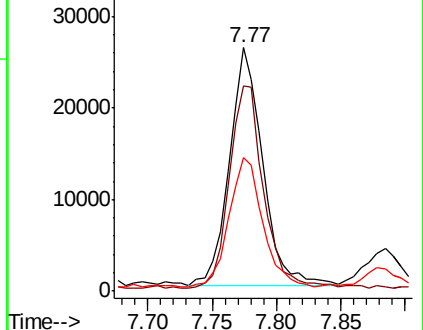
39 54.5 45.3 67.9

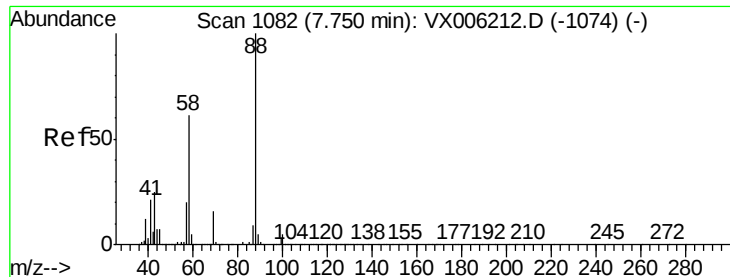


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 105.724 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

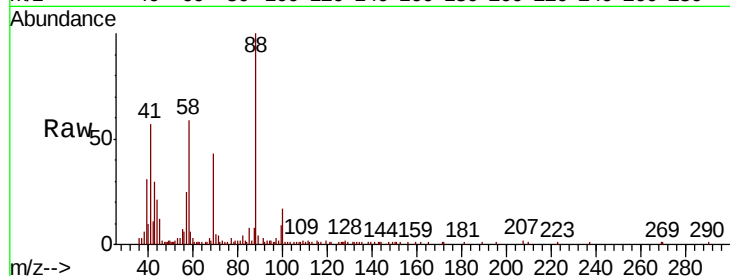
Tgt Ion: 88 Resp: 23122

Ion Ratio Lower Upper

88 100

43 31.2 23.2 34.8

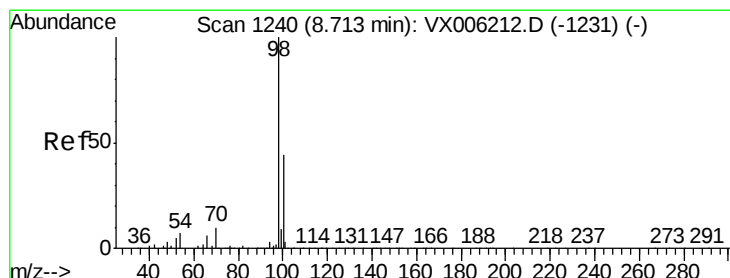
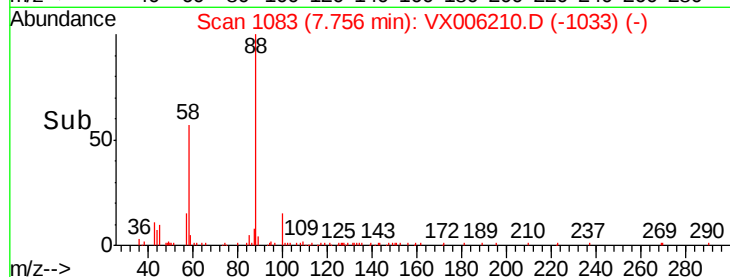
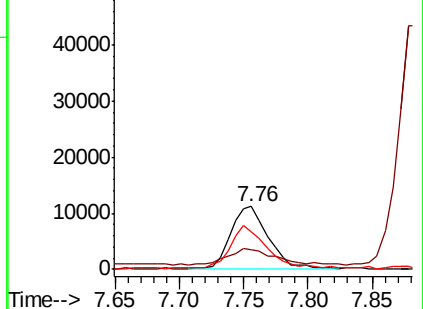
58 62.0 51.4 77.0



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: 4.913 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006210.D

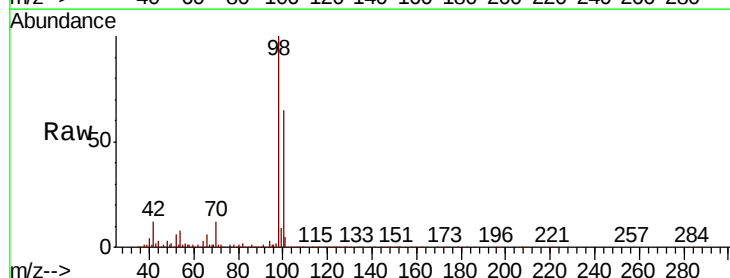
Acq: 29 Nov 2018 14:32

Tgt Ion: 98 Resp: 134239

Ion Ratio Lower Upper

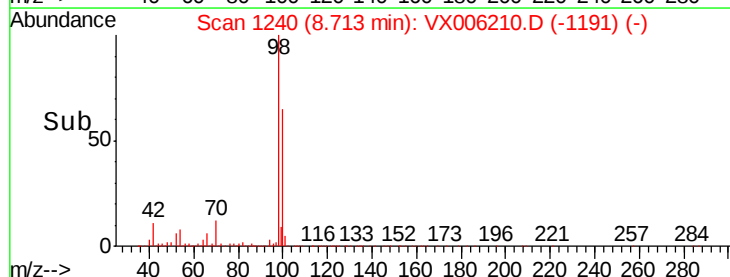
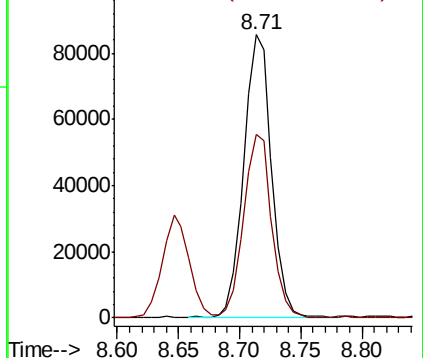
98 100

100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

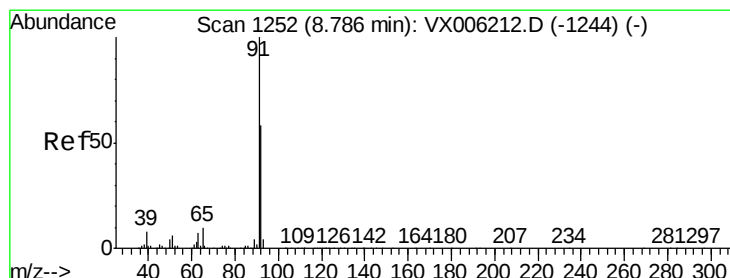
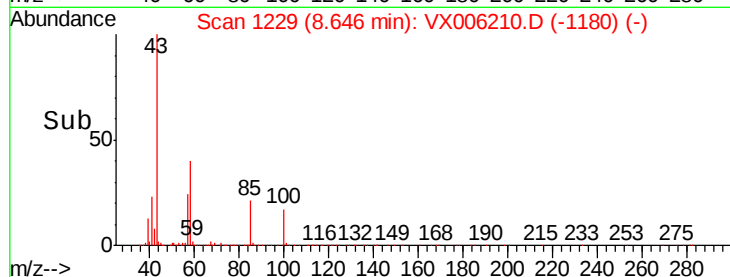
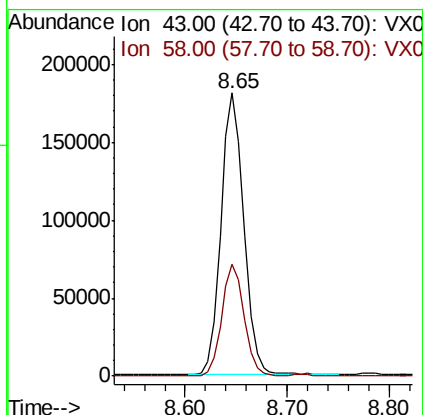
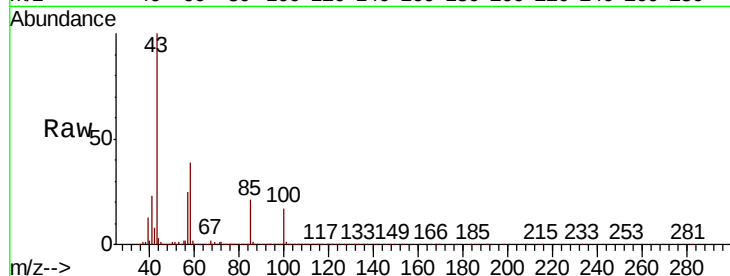




#51
 4-Methyl-2-Pentanone
 Concen: 26.470 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

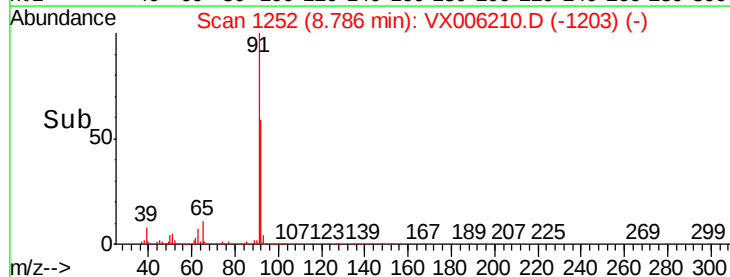
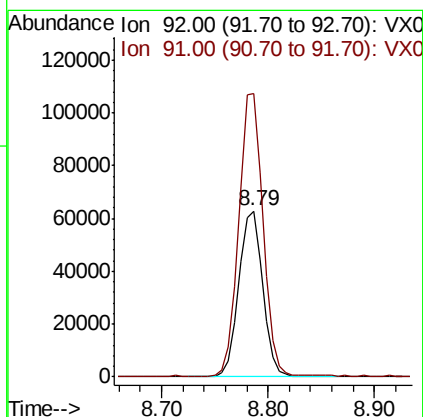
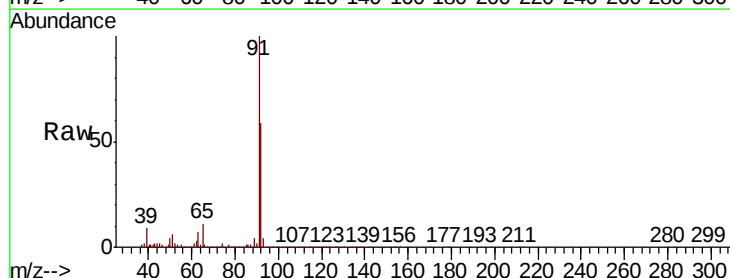
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

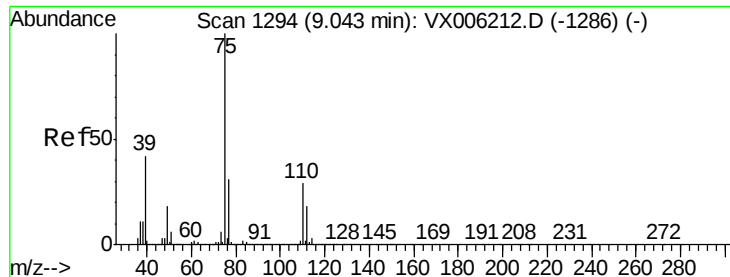
Tgt Ion: 43 Resp: 281066
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.3 46.9



#52
 Toluene
 Concen: 5.210 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

Tgt Ion: 92 Resp: 100284
 Ion Ratio Lower Upper
 92 100
 91 171.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 5.129 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

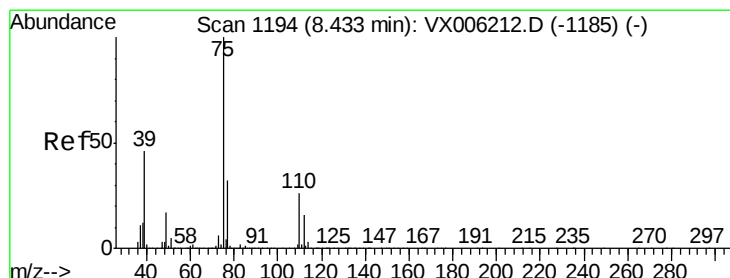
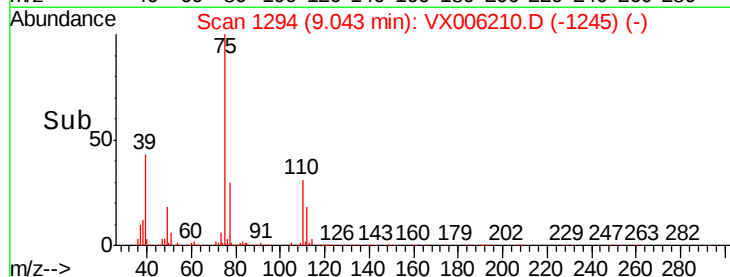
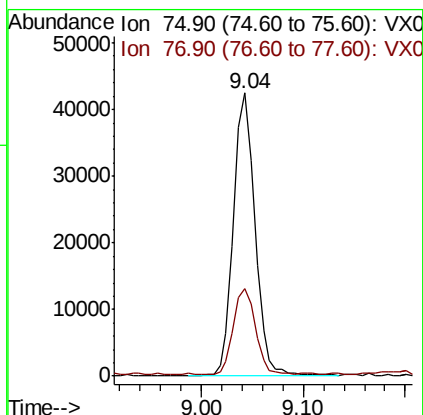
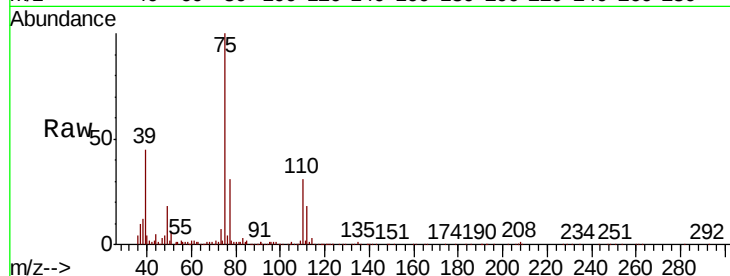
VSTDIC005

Tgt Ion: 75 Resp: 62388

Ion Ratio Lower Upper

75 100

77 29.8 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 5.195 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

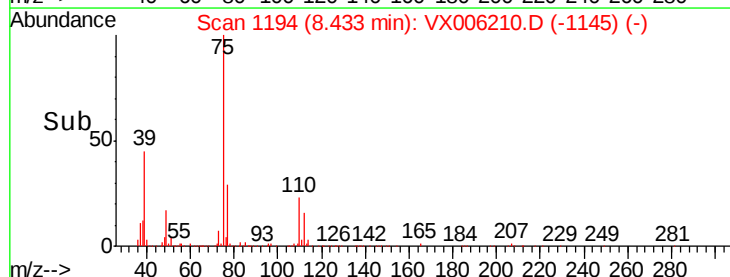
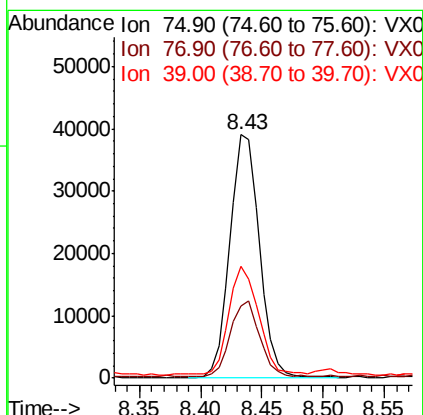
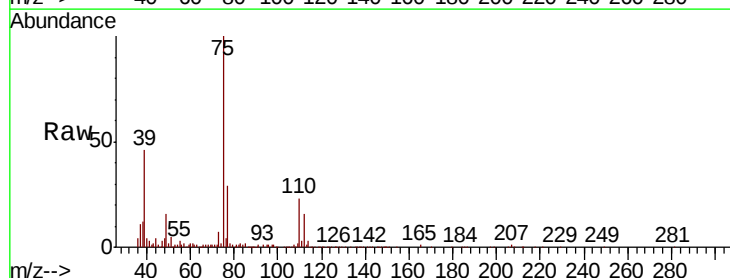
Tgt Ion: 75 Resp: 65609

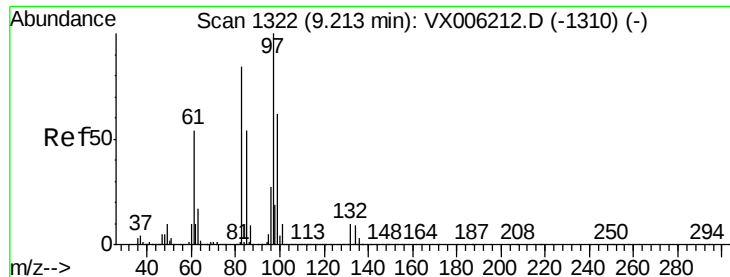
Ion Ratio Lower Upper

75 100

77 28.8 25.6 38.4

39 43.8 36.5 54.7

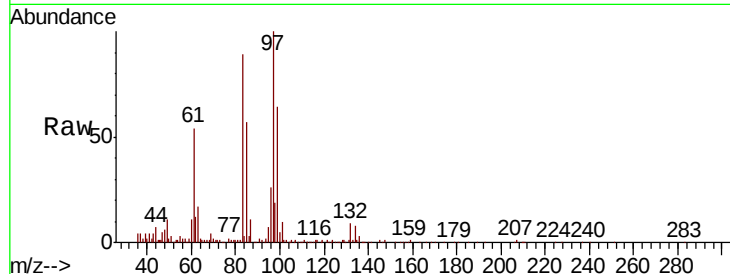




#55
 1,1,2-Trichloroethane
 Concen: 5.165 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	40393
Ion	Ratio	Lower	Upper
97	100		
83	88.4	67.1	100.7
85	56.2	43.2	64.8
99	63.6	49.8	74.6



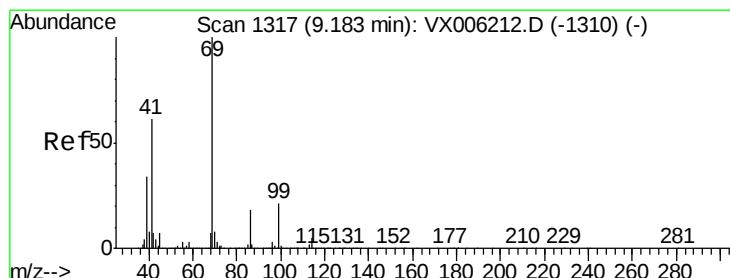
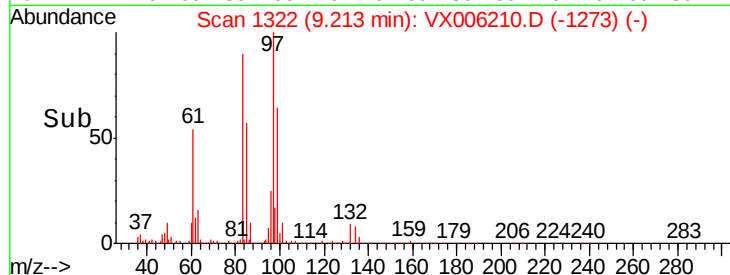
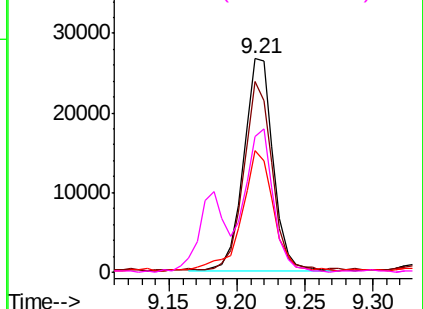
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

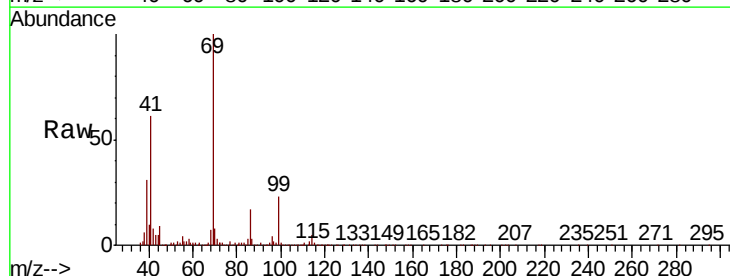
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 5.114 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

Tgt Ion:	69	Resp:	62520
Ion	Ratio	Lower	Upper
69	100		
41	62.5	50.6	76.0
39	35.1	27.6	41.4

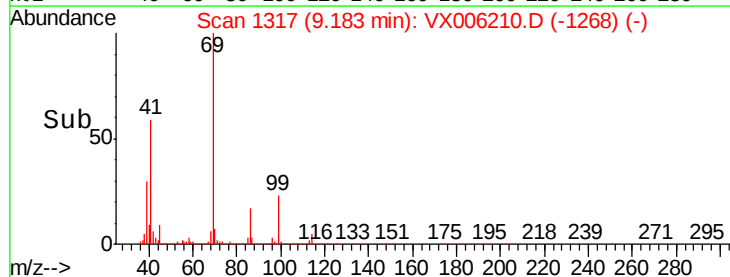
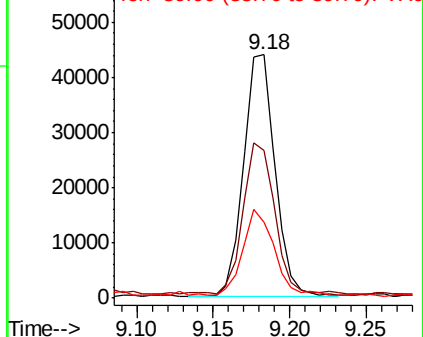


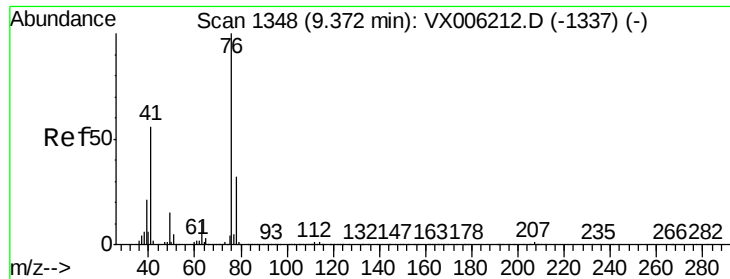
Abundance

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

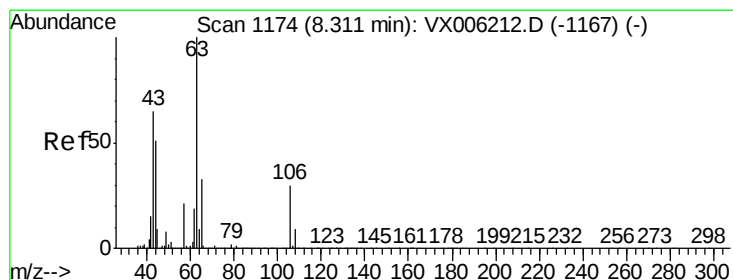
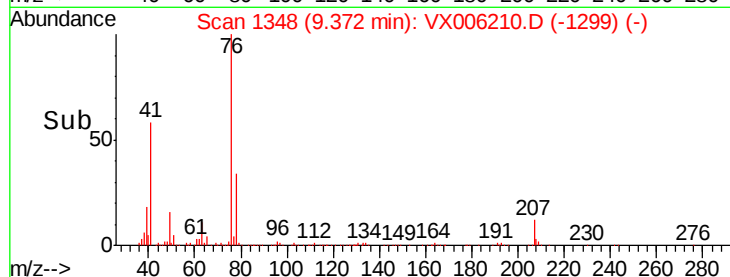
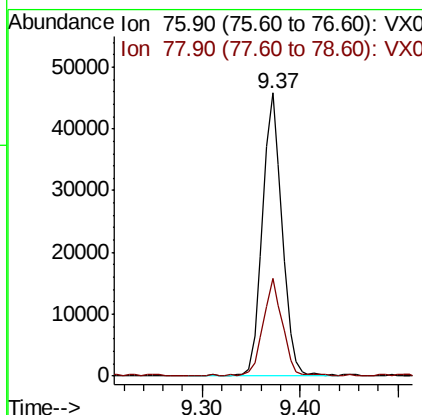
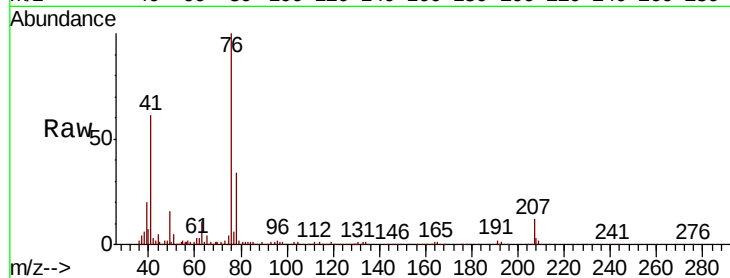




#57
 1,3-Dichloropropane
 Concen: 5.204 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

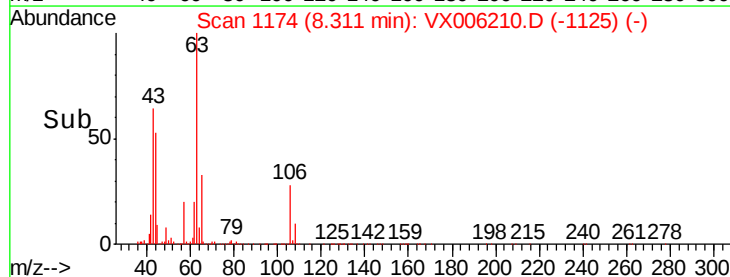
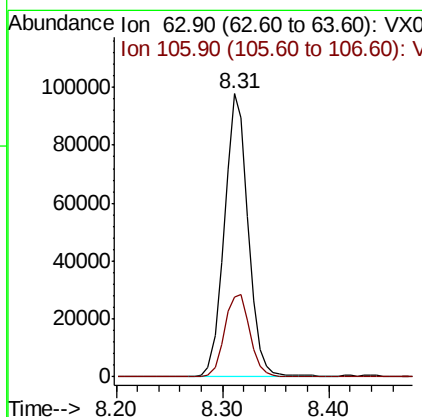
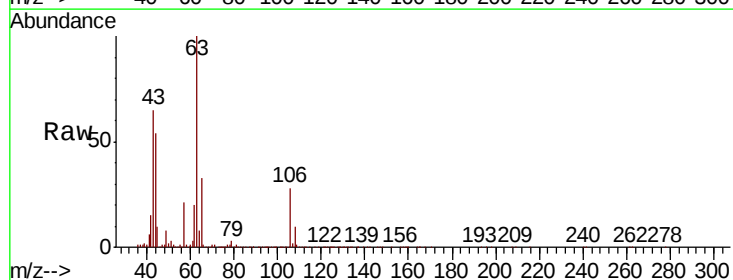
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

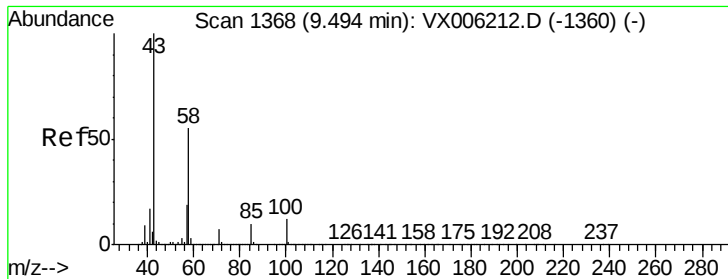
Tgt Ion: 76 Resp: 64348
 Ion Ratio Lower Upper
 76 100
 78 33.7 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 24.483 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

Tgt Ion: 63 Resp: 151887
 Ion Ratio Lower Upper
 63 100
 106 31.6 24.9 37.3





#59

2-Hexanone

Concen: 26.413 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

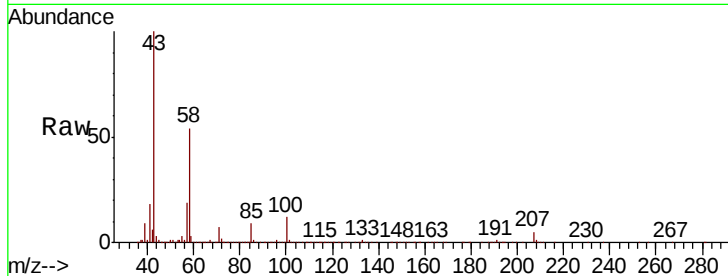
VSTDIC005

Tgt Ion: 43 Resp: 214277

Ion Ratio Lower Upper

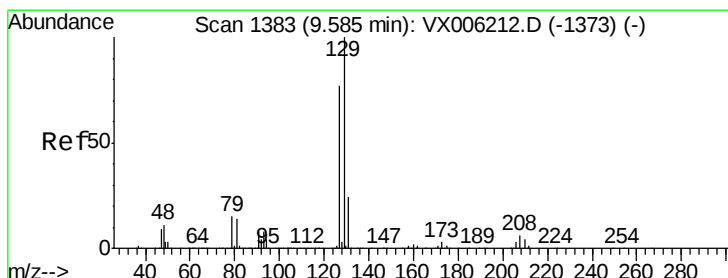
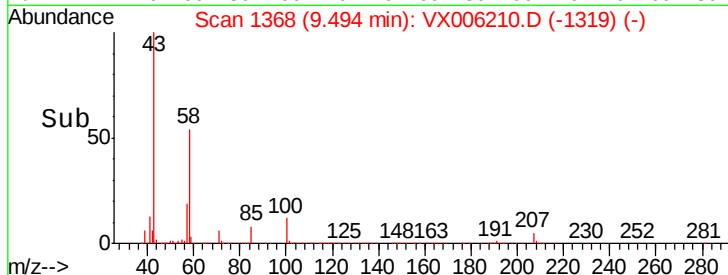
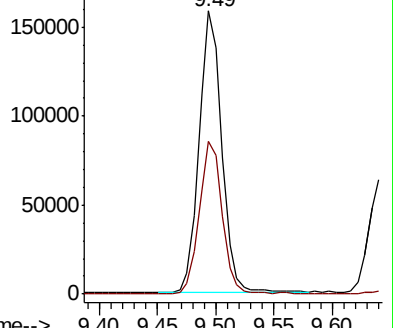
43 100

58 54.7 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX006210.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VX006210.D (-1360) (-)



#60

Dibromochloromethane

Concen: 5.014 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX006210.D

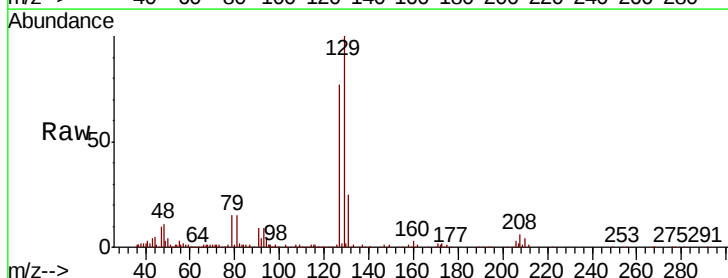
Acq: 29 Nov 2018 14:32

Tgt Ion: 129 Resp: 48348

Ion Ratio Lower Upper

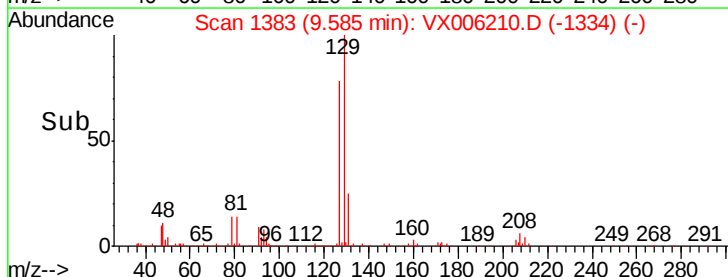
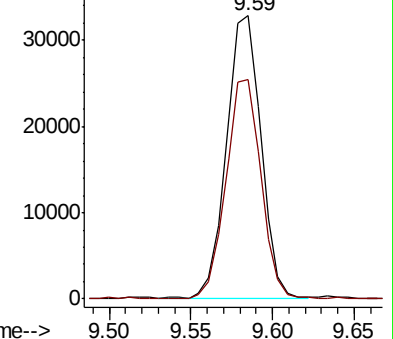
129 100

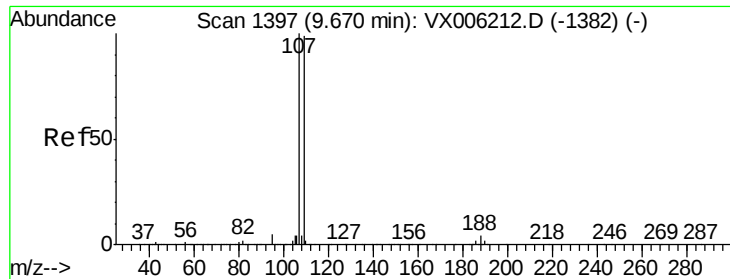
127 78.8 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): VX006210.D (-1383) (-)

Ion 126.80 (126.50 to 127.50): VX006210.D (-1383) (-)





#61

1,2-Dibromoethane

Concen: 5.018 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

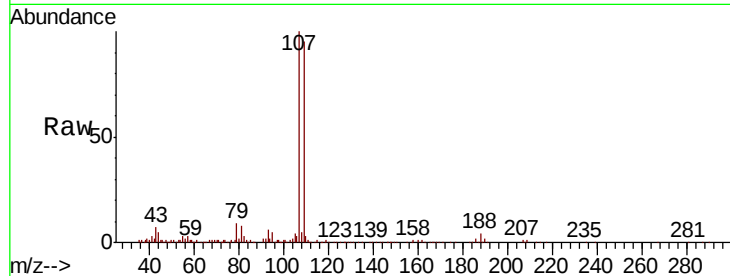
VSTDIC005

Tgt Ion: 107 Resp: 43877

Ion Ratio Lower Upper

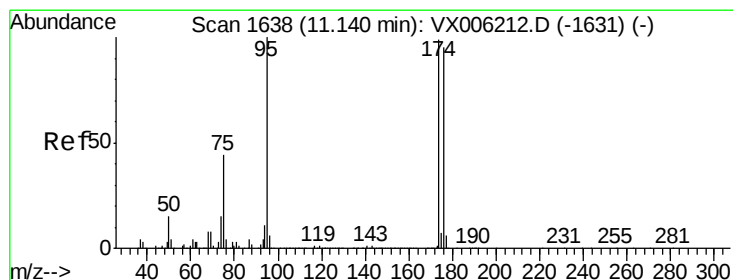
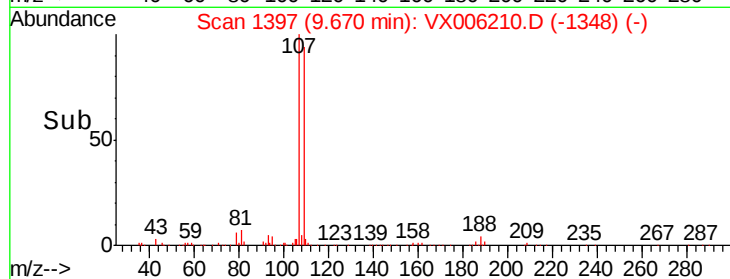
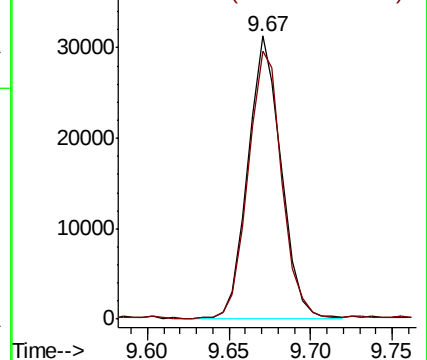
107 100

109 97.9 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: 4.948 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

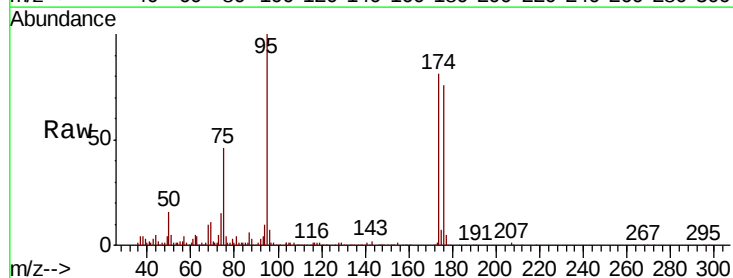
Tgt Ion: 95 Resp: 50938

Ion Ratio Lower Upper

95 100

174 90.4 0.0 187.0

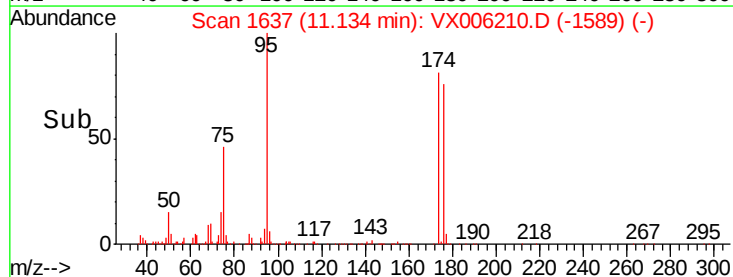
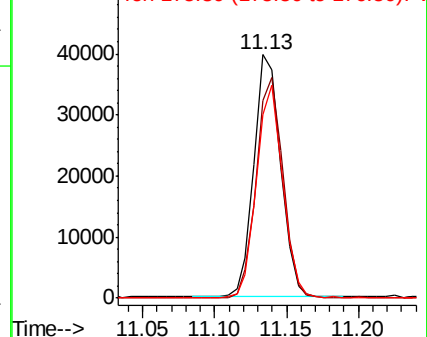
176 86.6 0.0 181.8

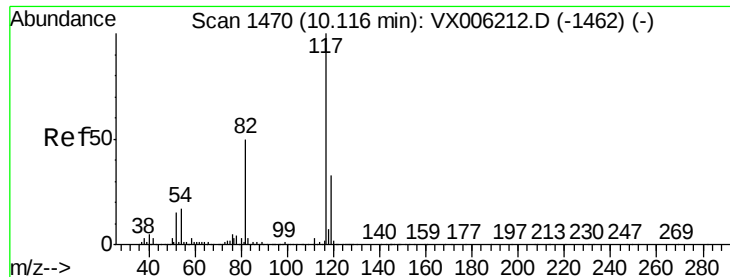


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

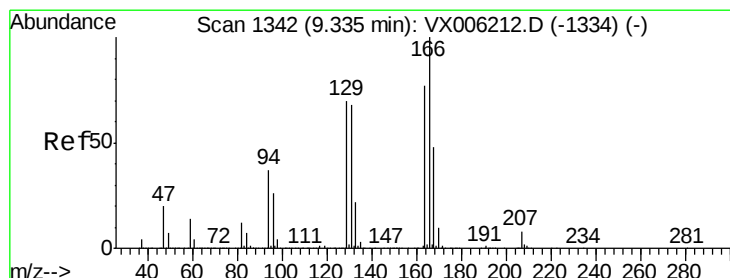
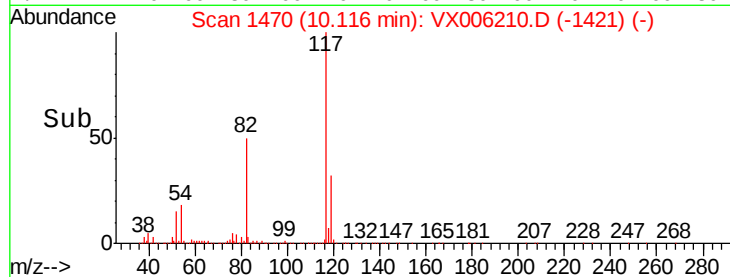
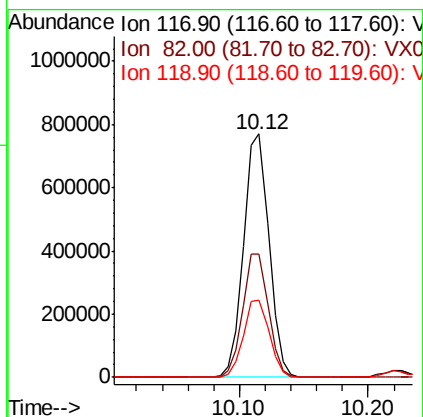
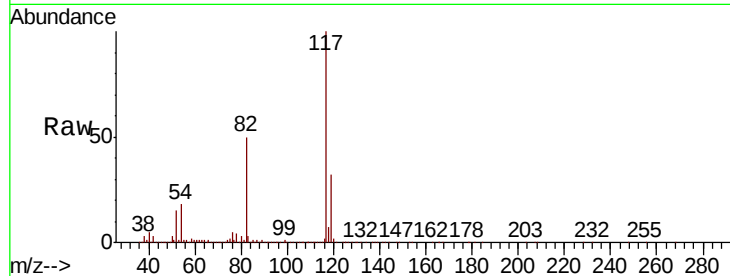




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

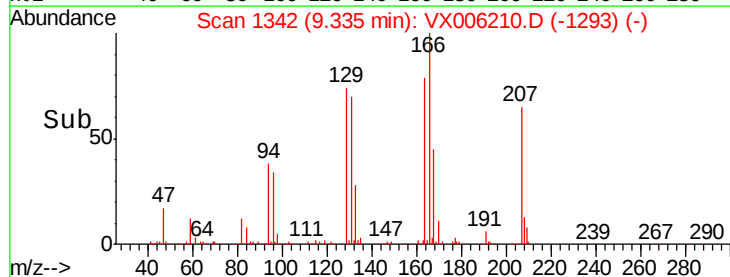
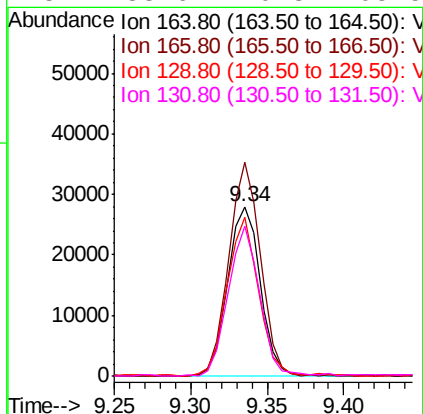
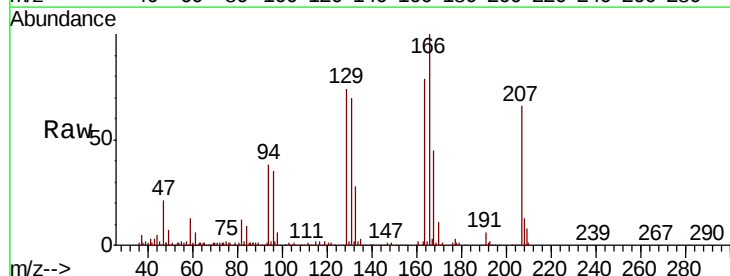
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 1044394
Ion Ratio Lower Upper
117 100
82 50.3 39.6 59.4
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 5.271 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

Tgt Ion:164 Resp: 41458
Ion Ratio Lower Upper
164 100
166 126.1 104.2 156.2
129 93.7 72.6 108.8
131 88.6 70.3 105.5





#65

Chlorobenzene

Concen: 5.245 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

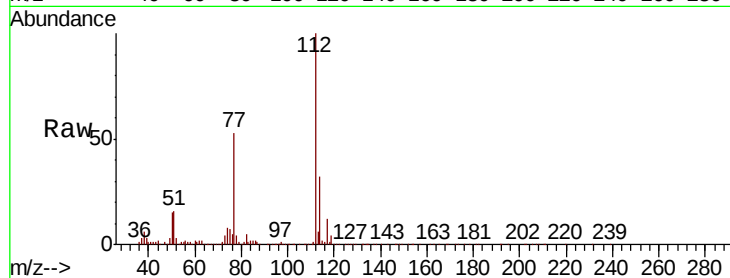
VSTDIC005

Tgt Ion:112 Resp: 116280

Ion Ratio Lower Upper

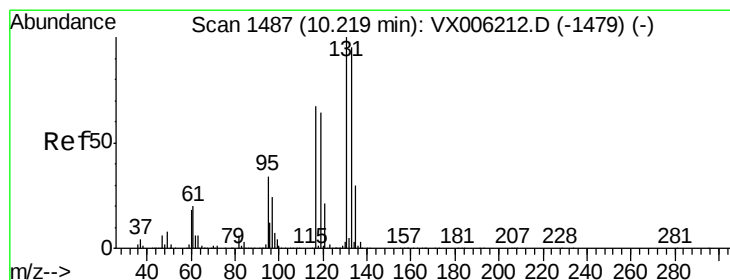
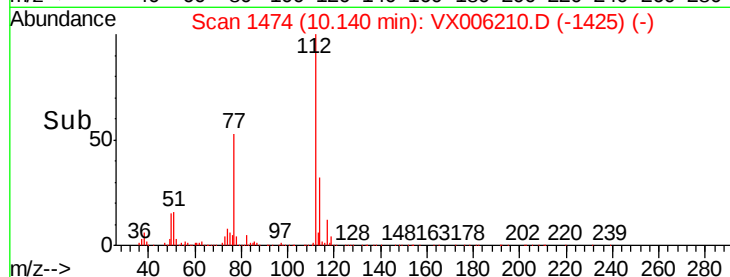
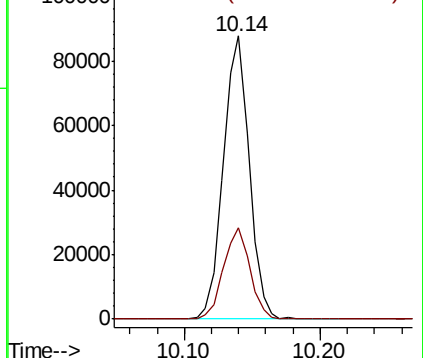
112 100

114 32.0 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.077 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

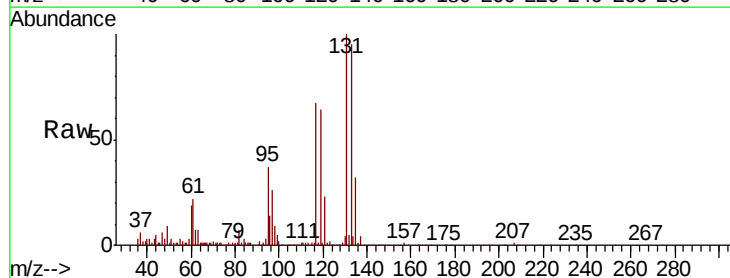
Tgt Ion:131 Resp: 43732

Ion Ratio Lower Upper

131 100

133 99.1 48.1 144.4

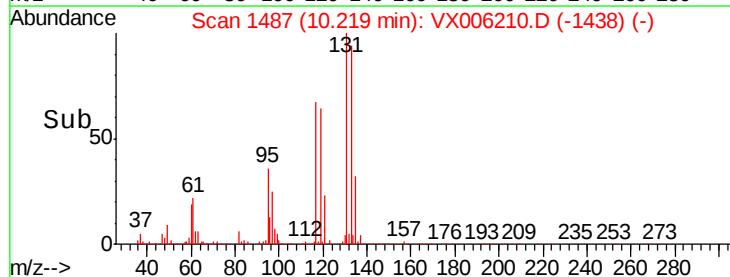
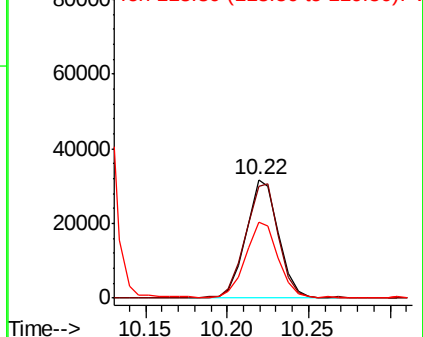
119 64.9 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.160 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

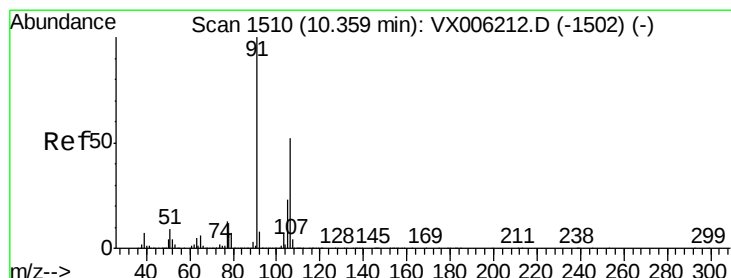
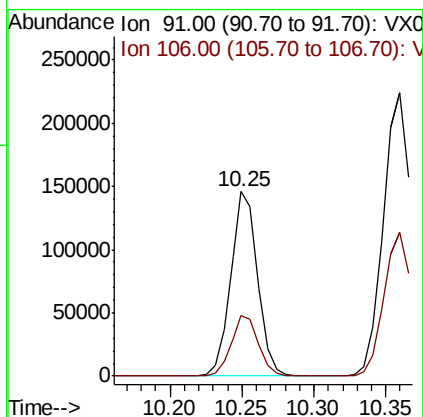
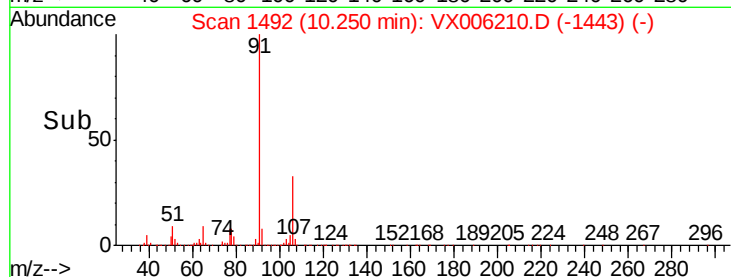
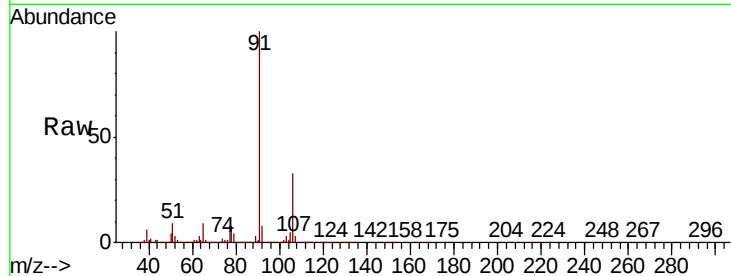
VSTDIC005

Tgt Ion: 91 Resp: 190250

Ion Ratio Lower Upper

91 100

106 32.7 26.5 39.7



#68

m/p-Xylenes

Concen: 10.346 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006210.D

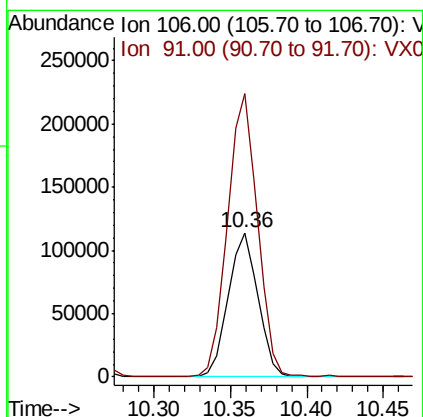
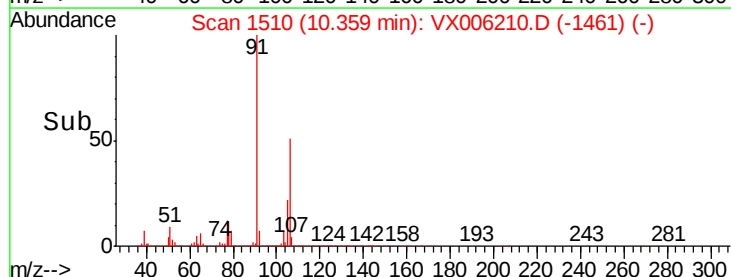
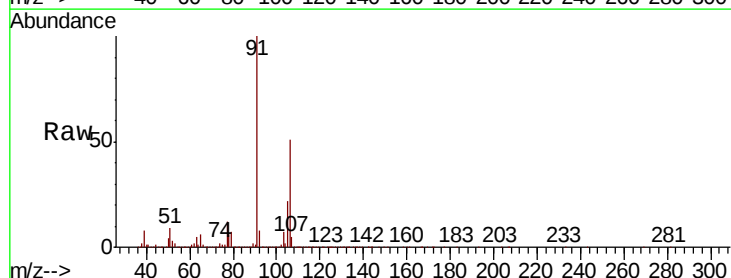
Acq: 29 Nov 2018 14:32

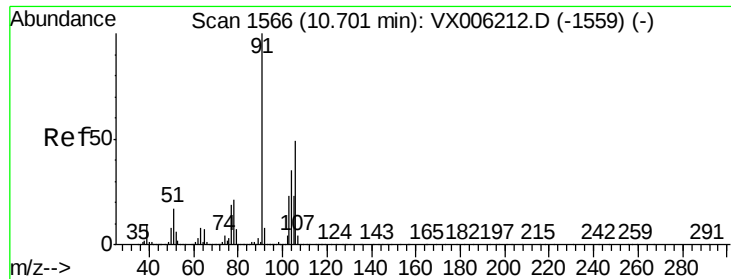
Tgt Ion: 106 Resp: 152811

Ion Ratio Lower Upper

106 100

91 197.8 155.2 232.8

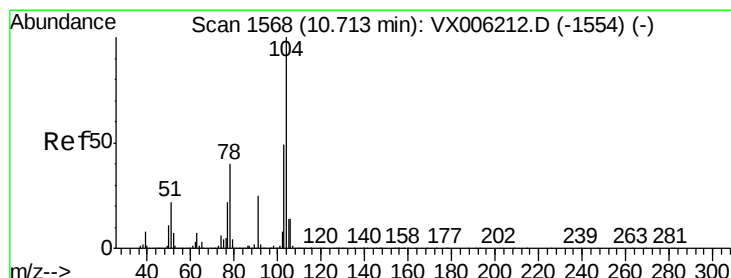
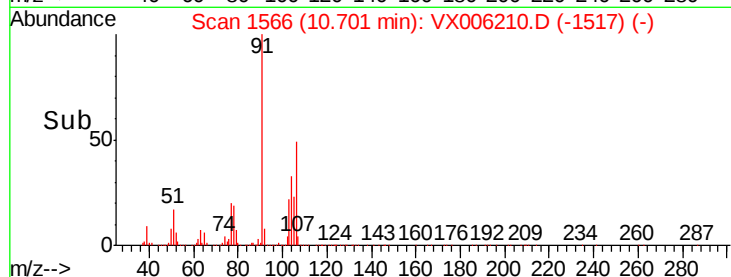
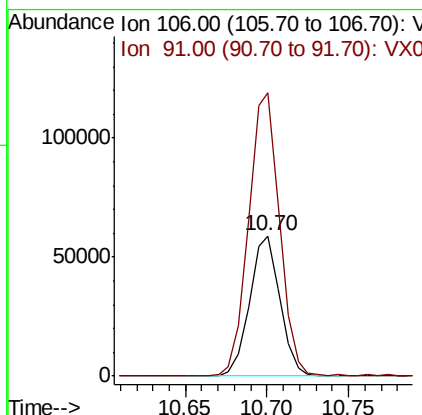
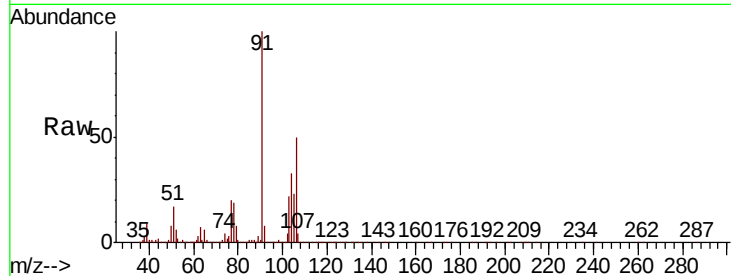




#69
o-Xylene
Concen: 5.215 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

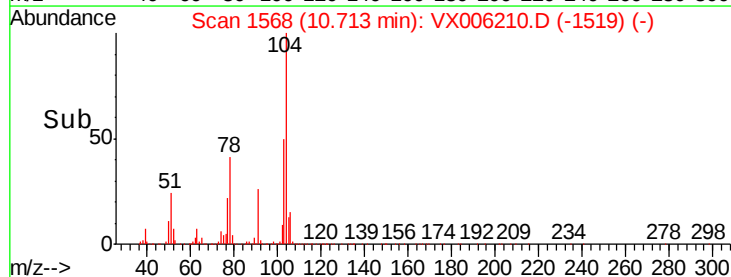
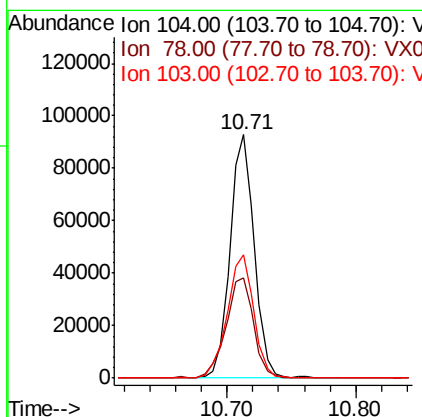
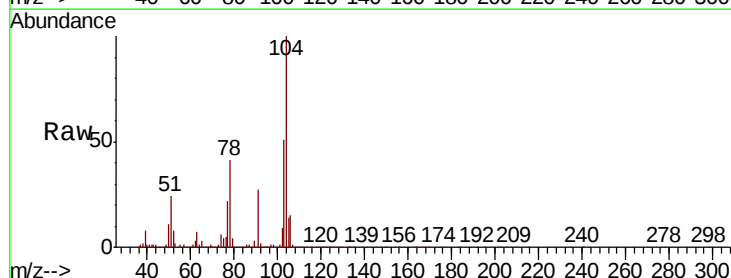
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

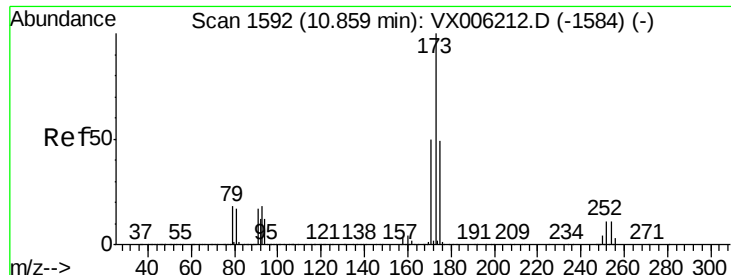
Tgt Ion:106 Resp: 76082
Ion Ratio Lower Upper
106 100
91 206.0 101.8 305.6



#70
Styrene
Concen: 5.188 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

Tgt Ion:104 Resp: 122431
Ion Ratio Lower Upper
104 100
78 46.8 37.2 55.8
103 55.4 43.5 65.3





#71

Bromoform

Concen: 5.037 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

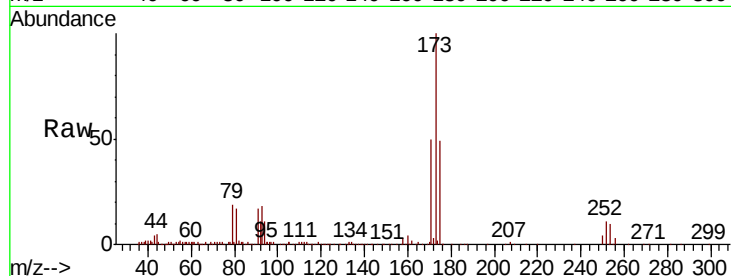
Tgt Ion:173 Resp: 40960

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

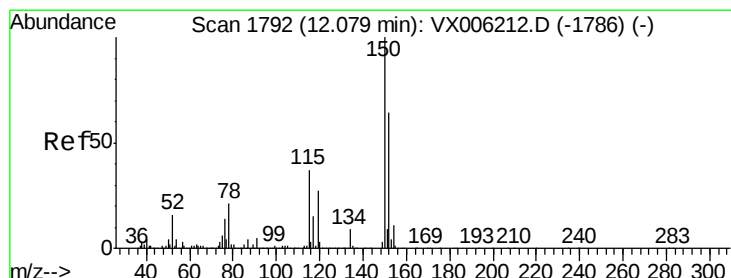
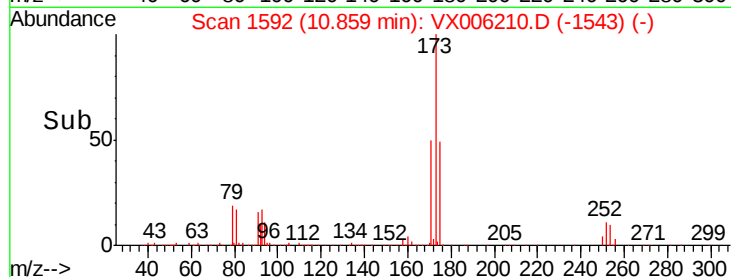
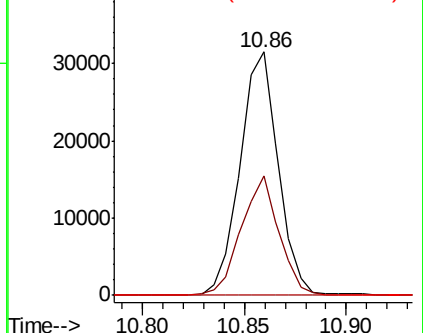
254 0.3 0.2 0.2#



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: VX006210.D

Acq: 29 Nov 2018 14:32

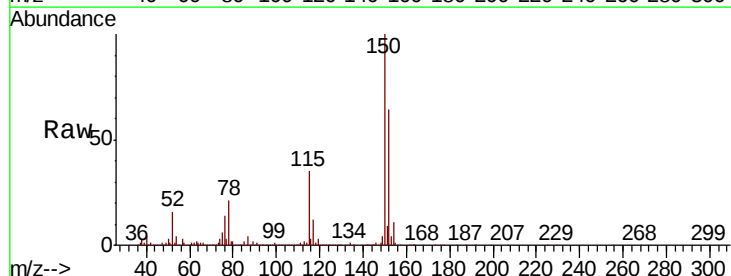
Tgt Ion:152 Resp: 537761

Ion Ratio Lower Upper

152 100

115 58.5 39.0 116.9

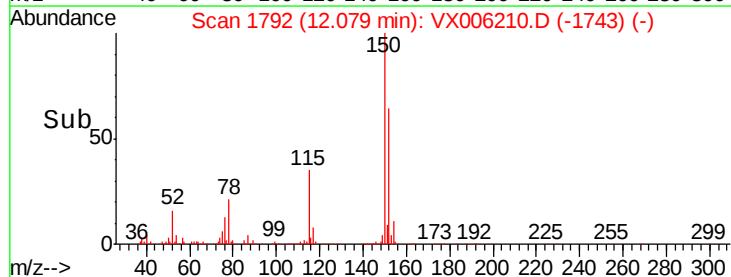
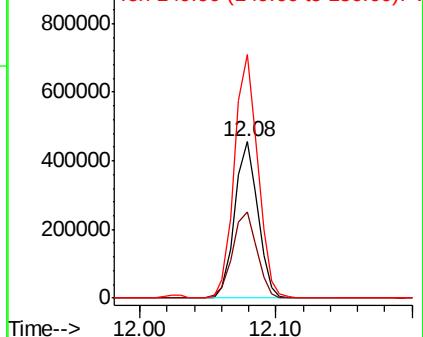
150 158.4 0.0 345.8

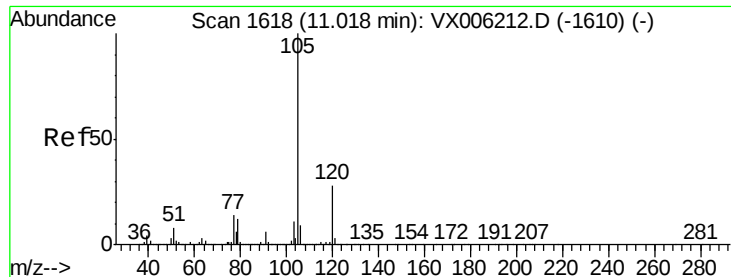


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.327 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

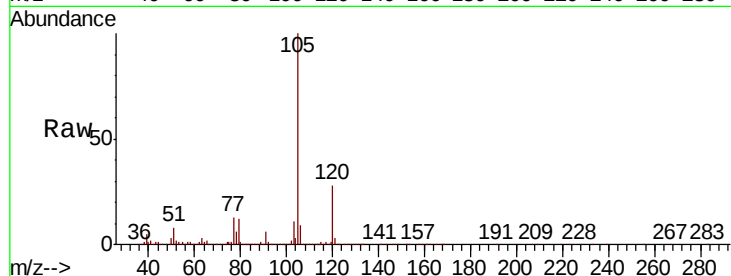
VSTDIC005

Tgt Ion: 105 Resp: 197848

Ion Ratio Lower Upper

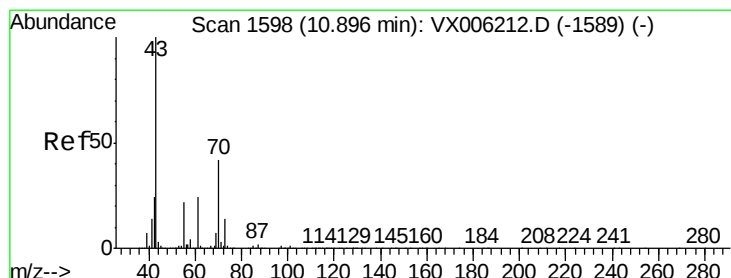
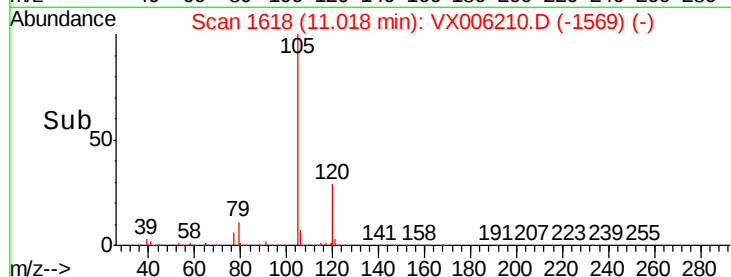
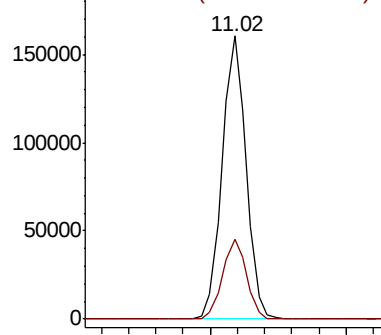
105 100

120 28.2 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.231 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Tgt Ion: 43 Resp: 83656

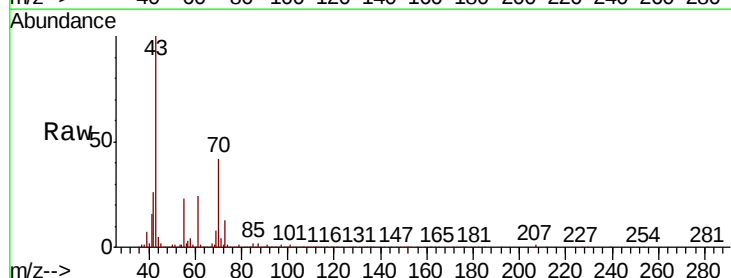
Ion Ratio Lower Upper

43 100

70 42.0 34.1 51.1

55 23.2 17.8 26.8

61 23.9 19.7 29.5

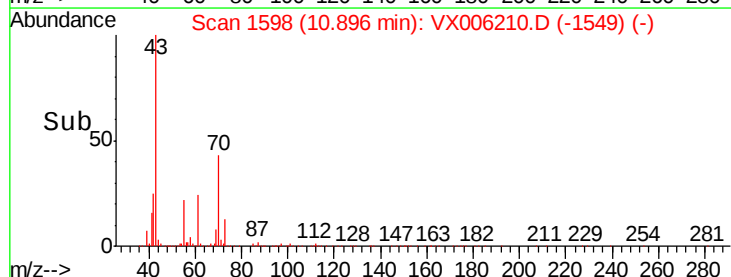
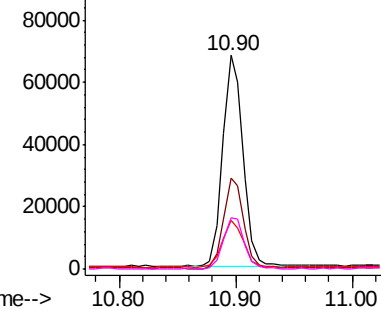


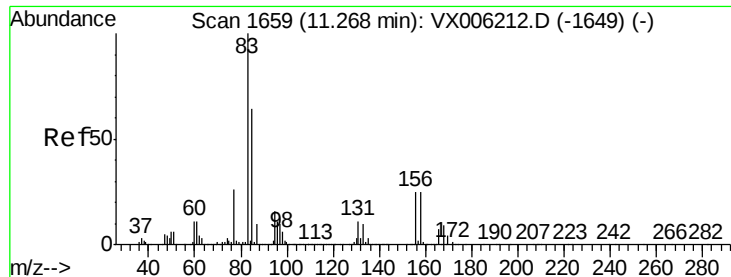
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 5.374 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

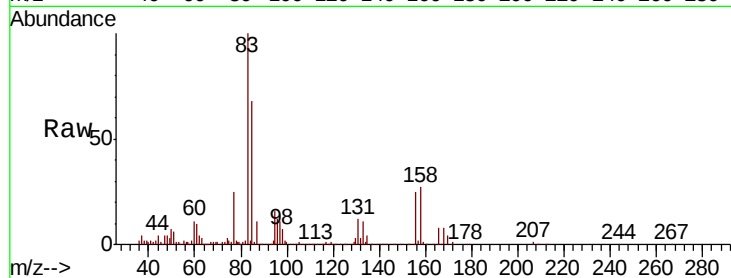
Tgt Ion: 83 Resp: 63844

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.1

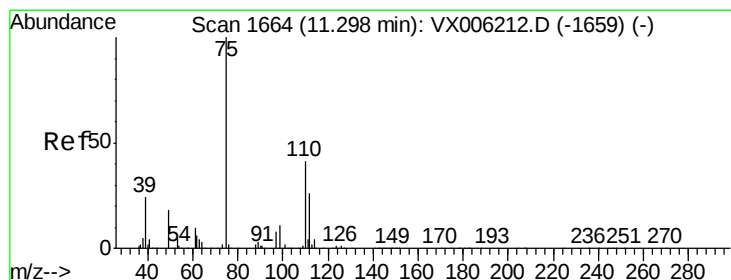
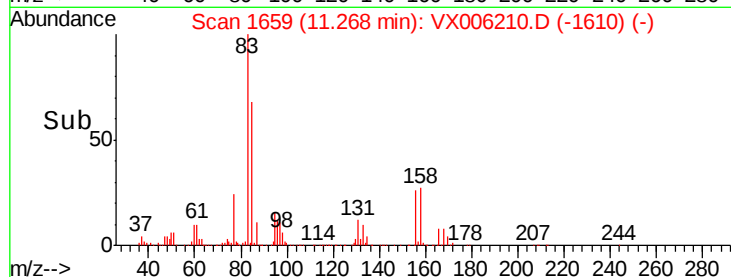
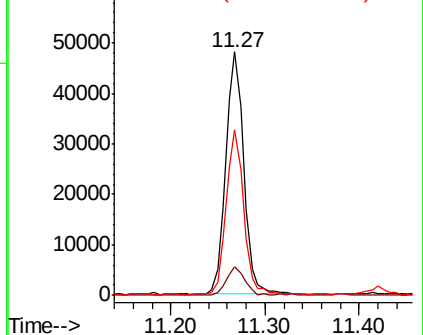
85 65.7 32.1 96.5



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: 5.492 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006210.D

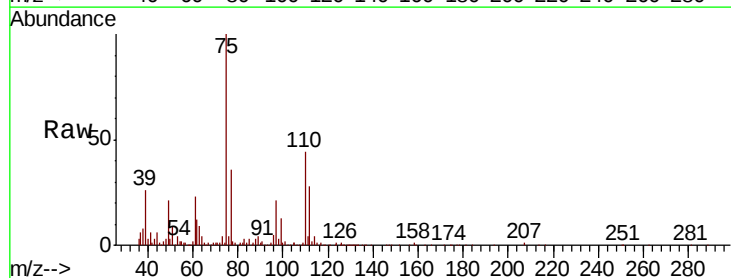
Acq: 29 Nov 2018 14:32

Tgt Ion: 75 Resp: 76700

Ion Ratio Lower Upper

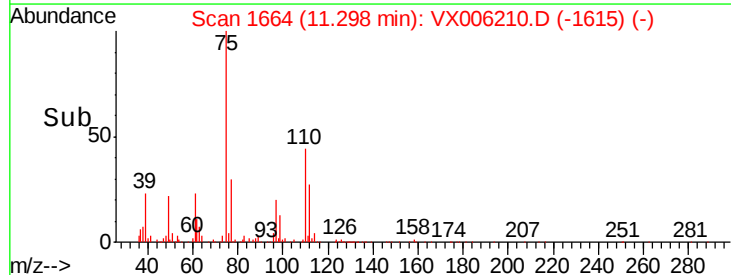
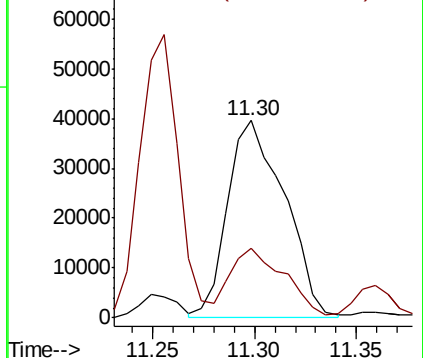
75 100

77 32.5 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.259 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

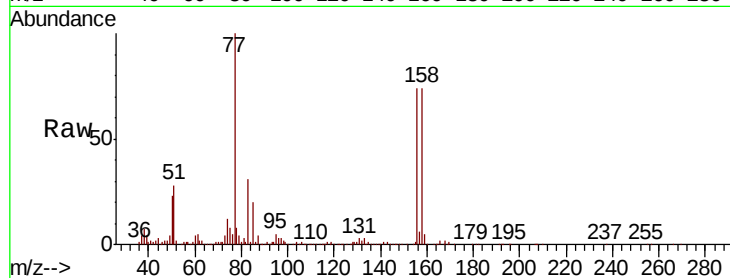
Tgt Ion:156 Resp: 54202

Ion Ratio Lower Upper

156 100

77 136.4 66.2 198.6

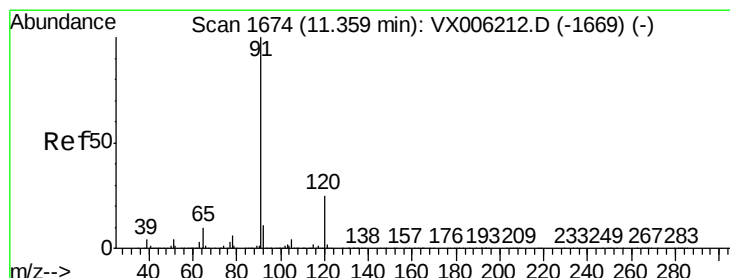
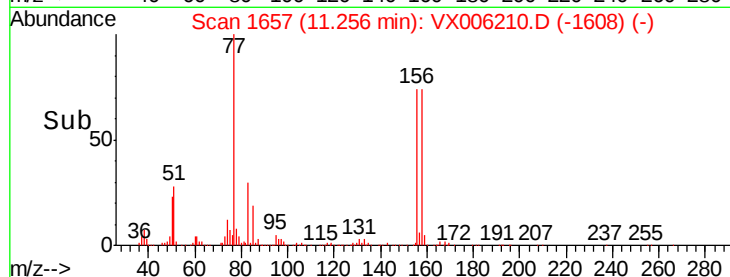
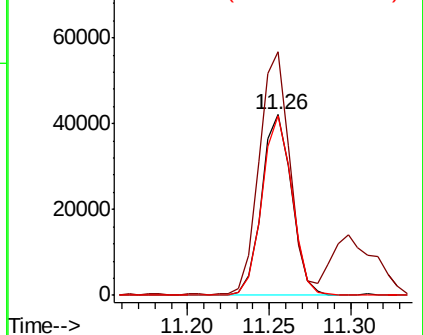
158 98.9 48.8 146.4



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: 5.210 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006210.D

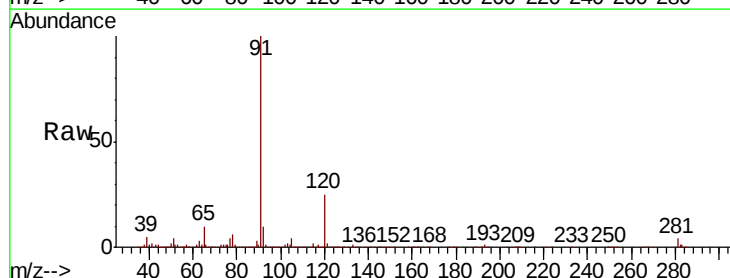
Acq: 29 Nov 2018 14:32

Tgt Ion: 91 Resp: 215073

Ion Ratio Lower Upper

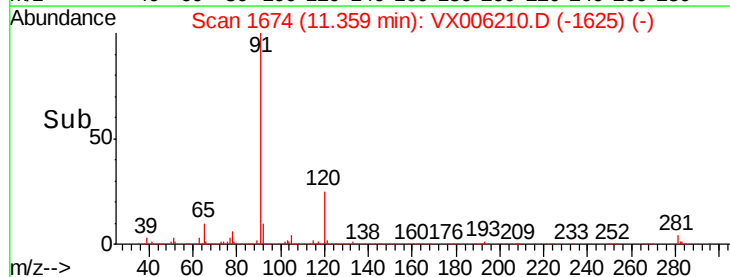
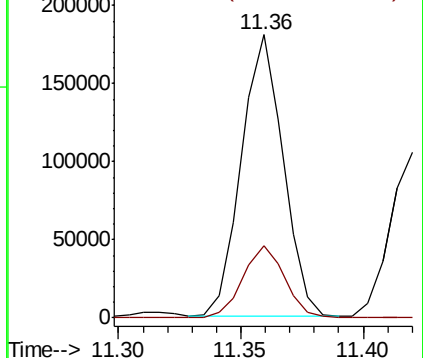
91 100

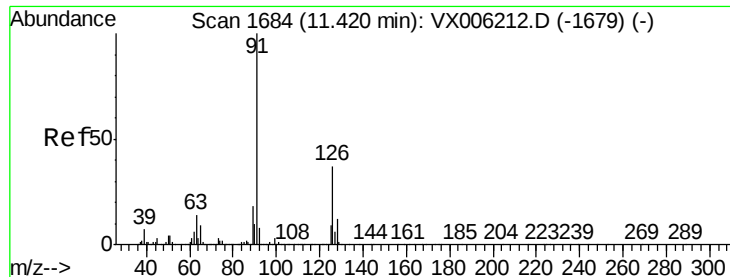
120 25.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.328 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

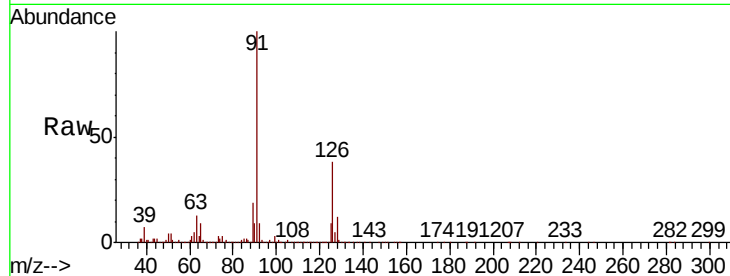
VSTDIC005

Tgt Ion: 91 Resp: 130716

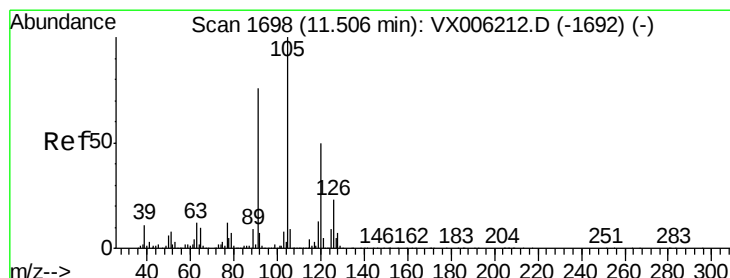
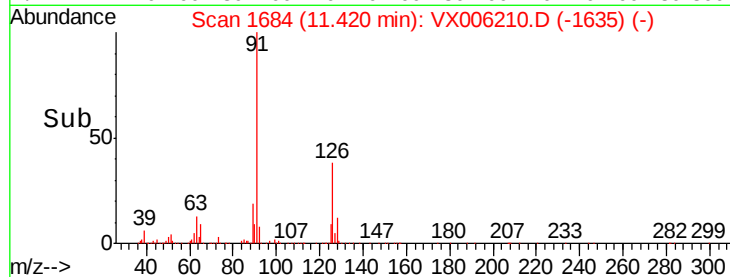
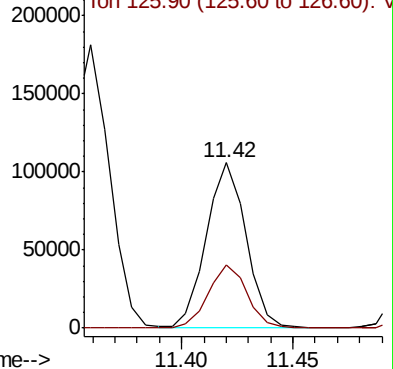
Ion Ratio Lower Upper

91 100

126 37.7 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006210.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.309 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006210.D

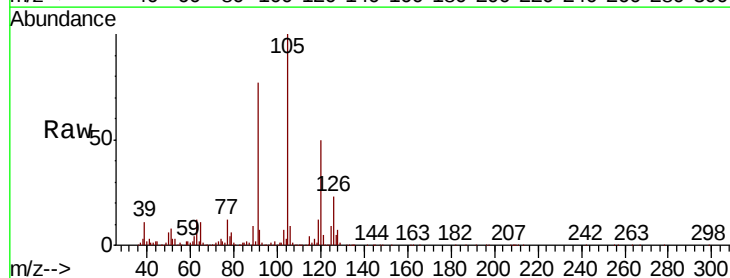
Acq: 29 Nov 2018 14:32

Tgt Ion: 105 Resp: 164054

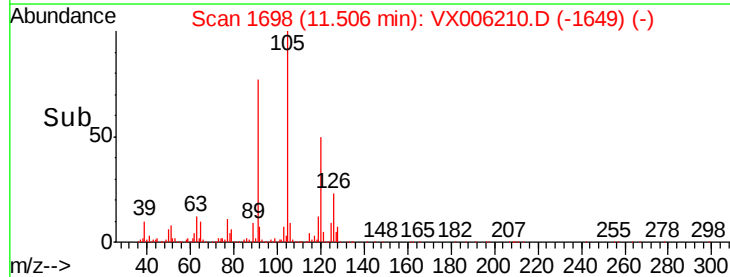
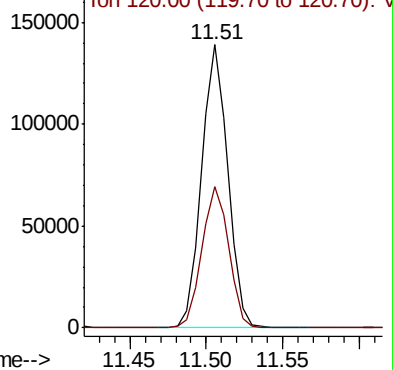
Ion Ratio Lower Upper

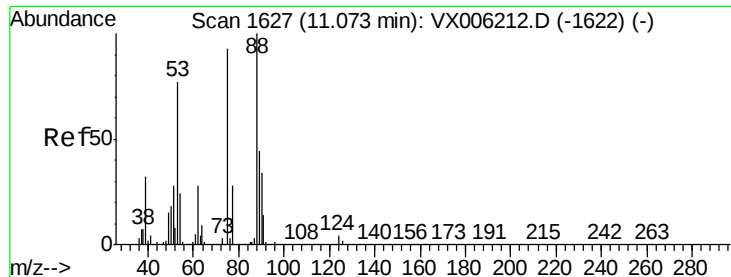
105 100

120 51.6 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VX006210.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 5.279 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

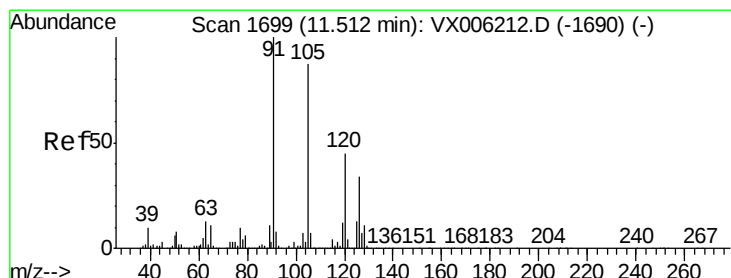
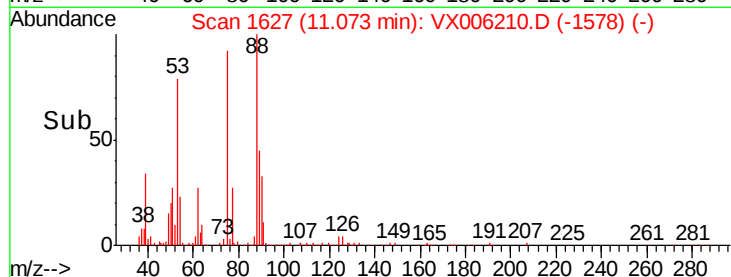
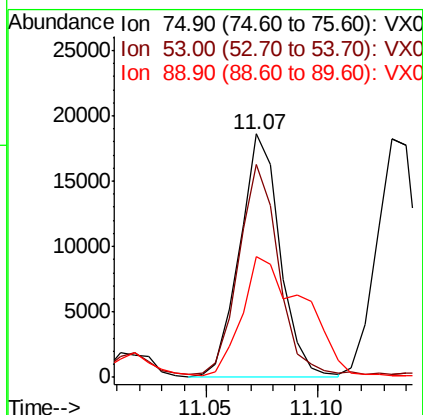
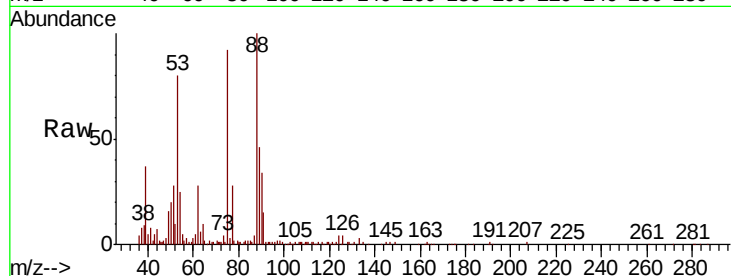
Tgt Ion: 75 Resp: 23351

Ion Ratio Lower Upper

75 100

53 86.0 64.4 96.6

89 76.1 44.2 66.4#



#82

4-Chlorotoluene

Concen: 5.329 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006210.D

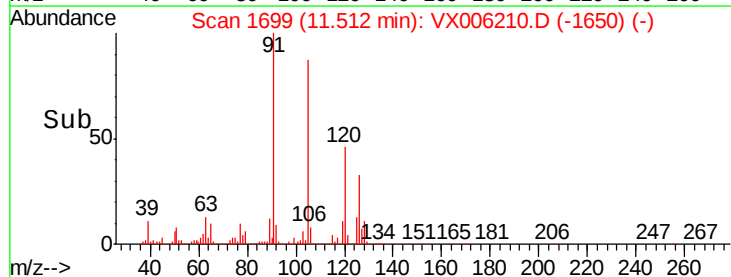
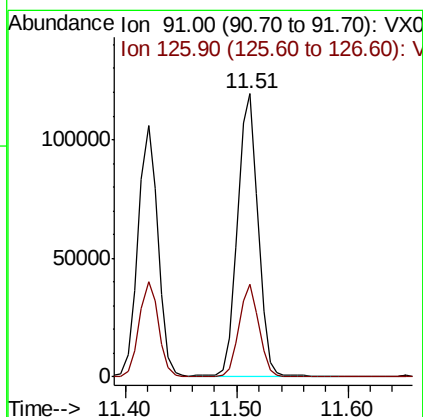
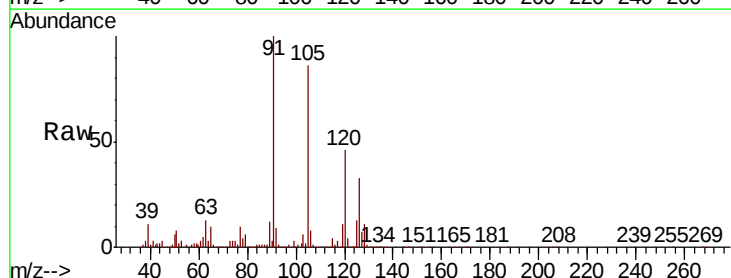
Acq: 29 Nov 2018 14:32

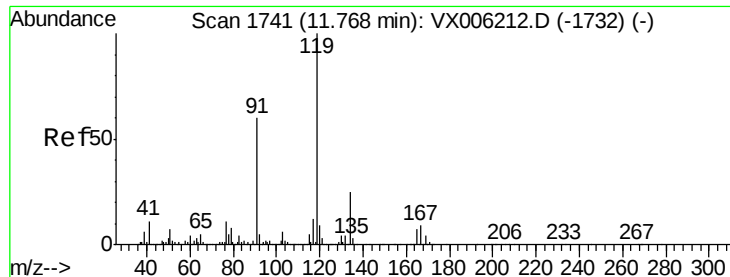
Tgt Ion: 91 Resp: 152013

Ion Ratio Lower Upper

91 100

126 31.6 16.4 49.4

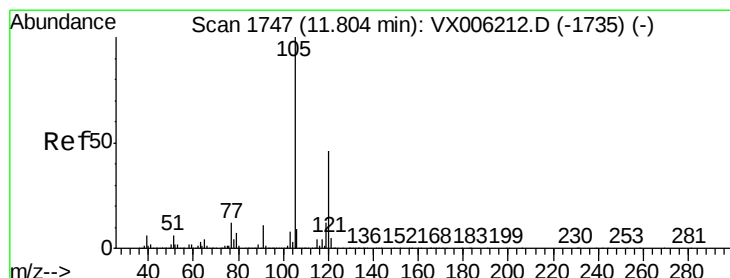
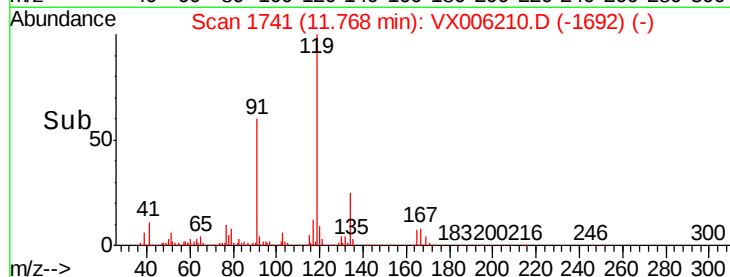
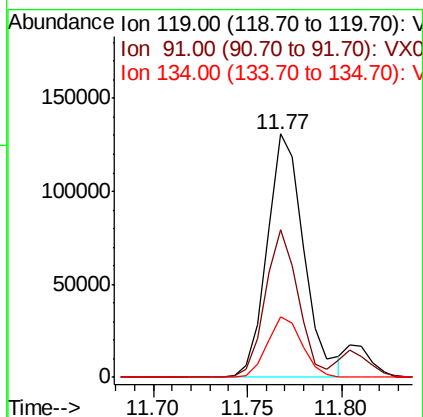
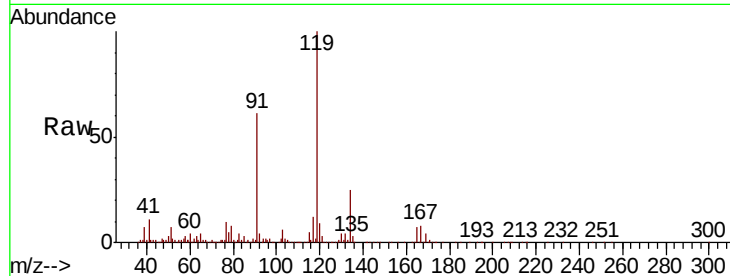




#83
tert-Butylbenzene
Concen: 5.365 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

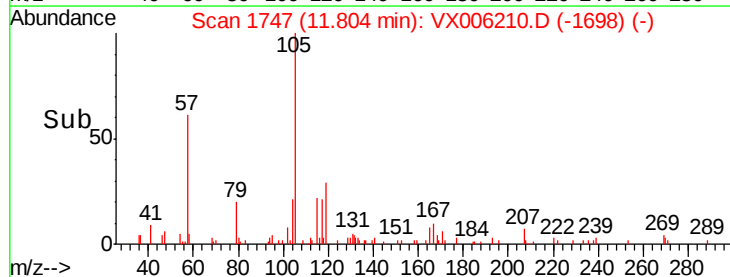
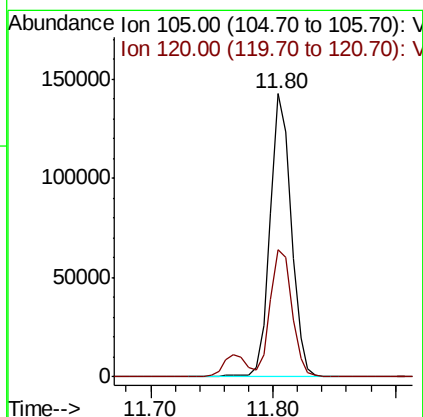
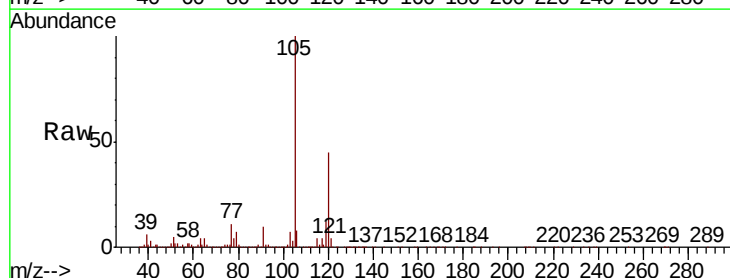
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

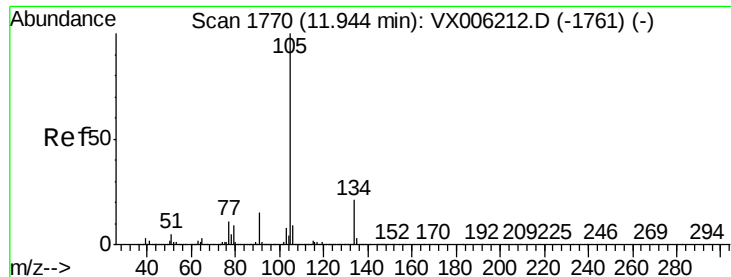
Tgt Ion:119 Resp: 176864
Ion Ratio Lower Upper
119 100
91 54.4 26.4 79.2
134 23.6 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 5.351 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

Tgt Ion:105 Resp: 170731
Ion Ratio Lower Upper
105 100
120 45.8 23.4 70.0





#85

sec-Butylbenzene

Concen: 5.282 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

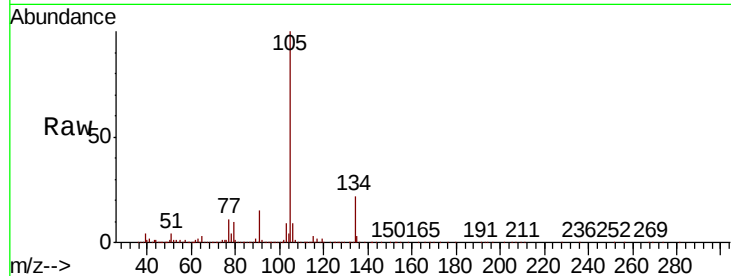
VSTDIC005

Tgt Ion:105 Resp: 198106

Ion Ratio Lower Upper

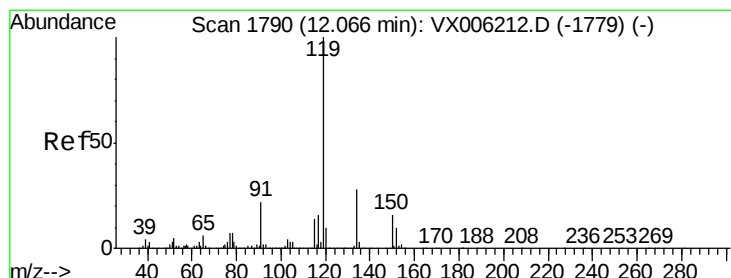
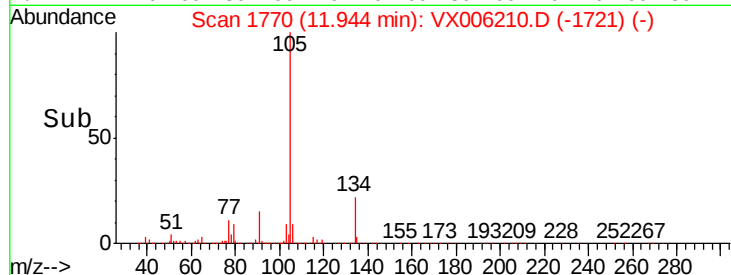
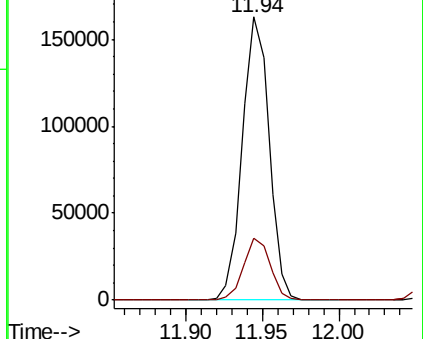
105 100

134 21.9 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: 5.226 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

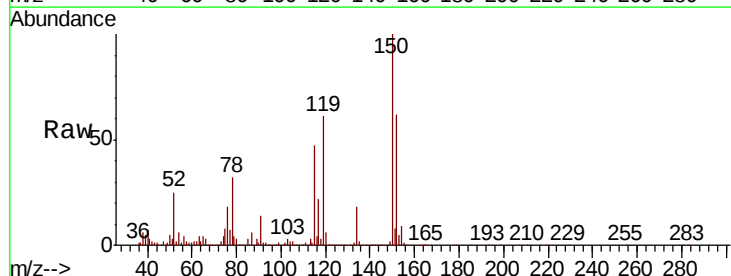
Tgt Ion:119 Resp: 176501

Ion Ratio Lower Upper

119 100

134 28.3 13.9 41.6

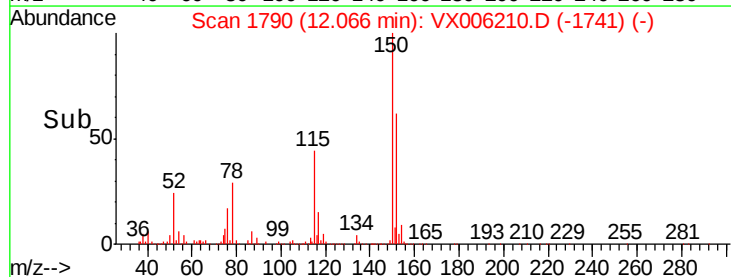
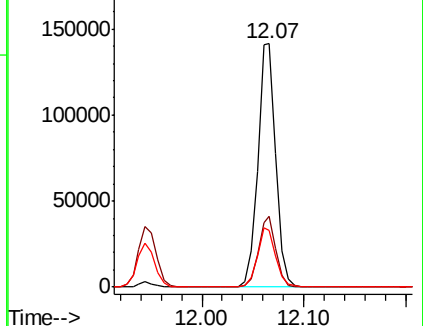
91 24.4 11.3 33.8

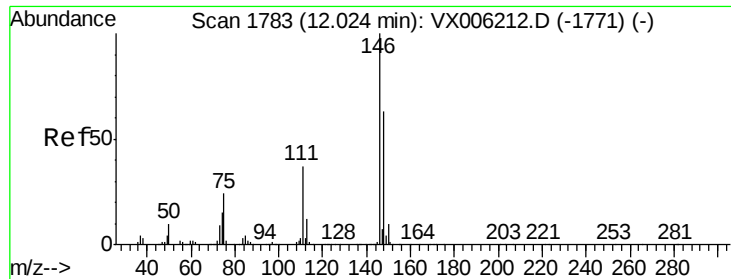


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

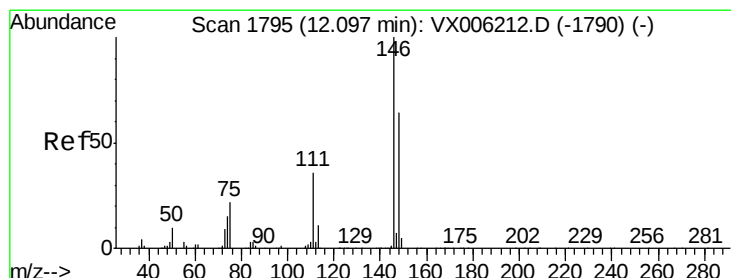
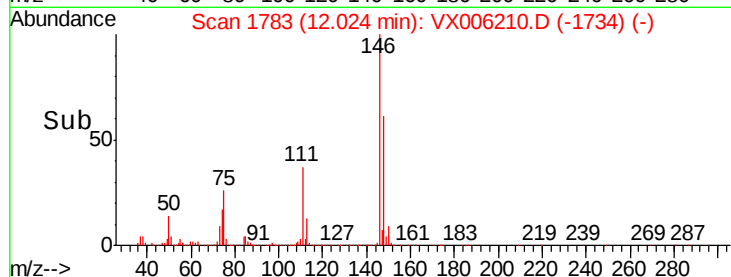
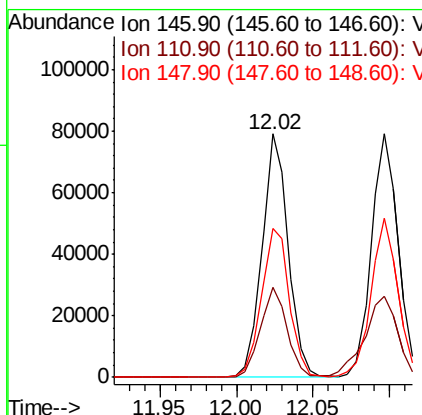
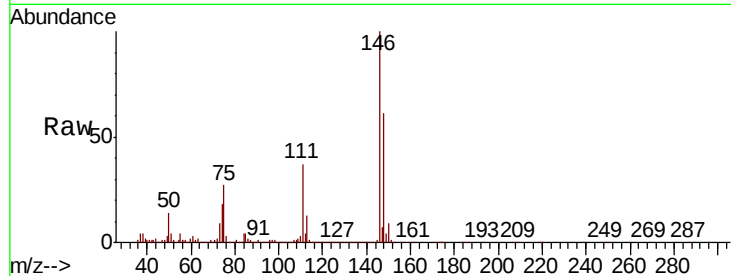




#87
 1,3-Dichlorobenzene
 Concen: 5.169 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

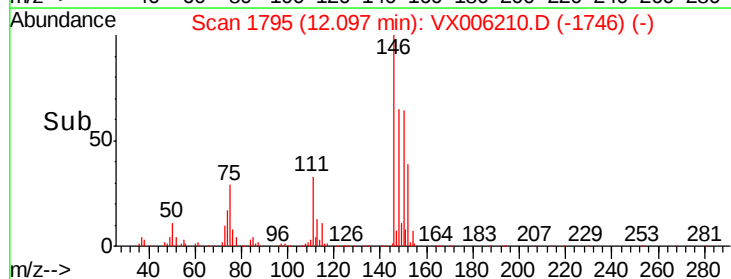
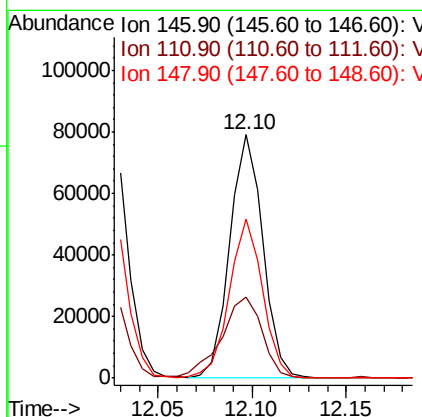
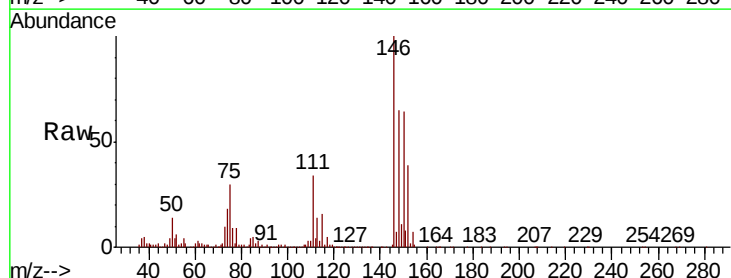
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

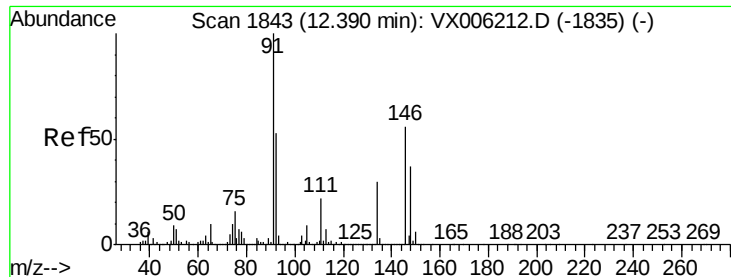
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.2
148	65.0	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 5.213 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	18.3	54.8
148	65.5	31.9	95.9

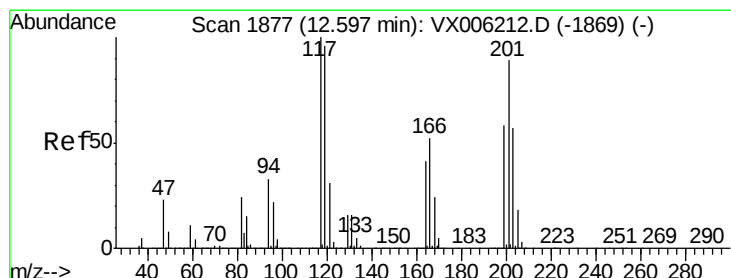
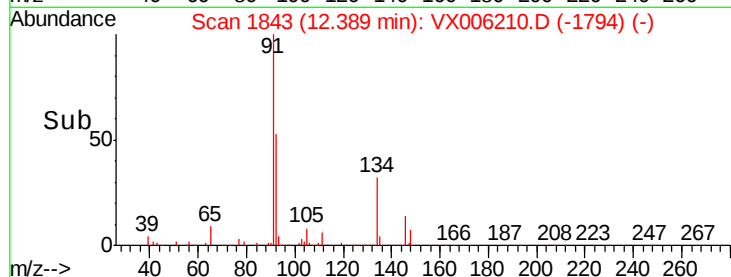
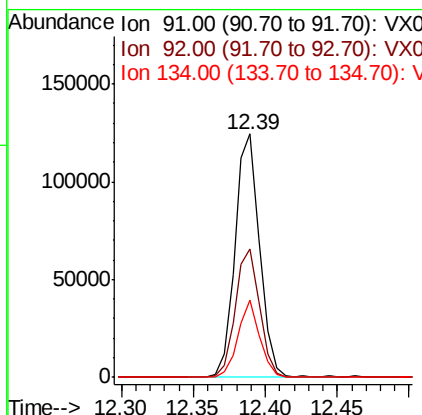
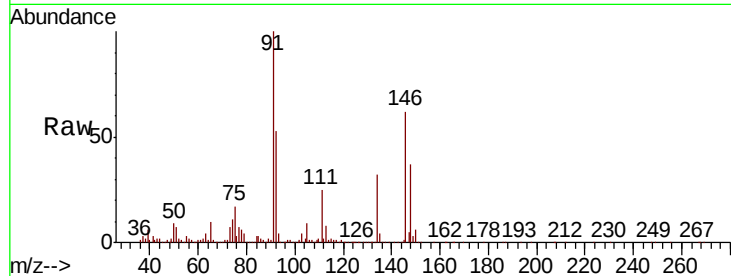




#89
n-Butylbenzene
Concen: 5.103 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

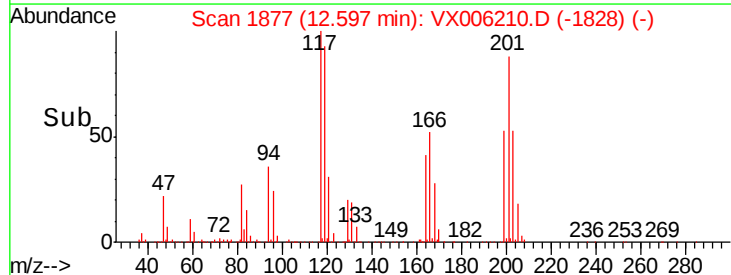
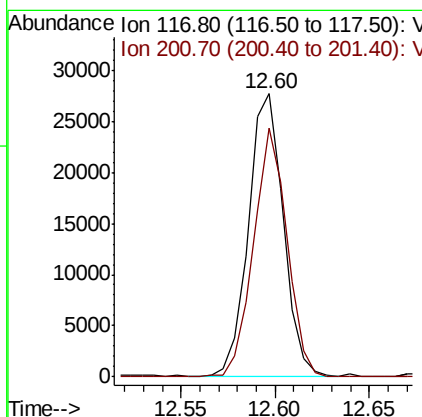
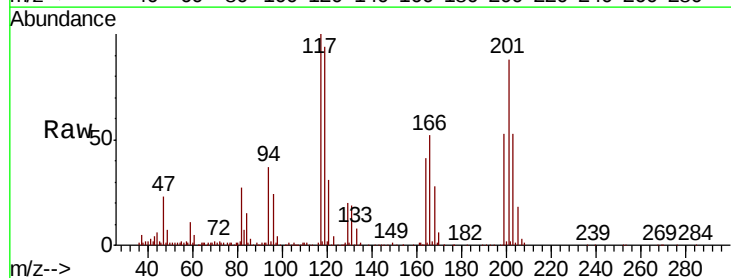
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

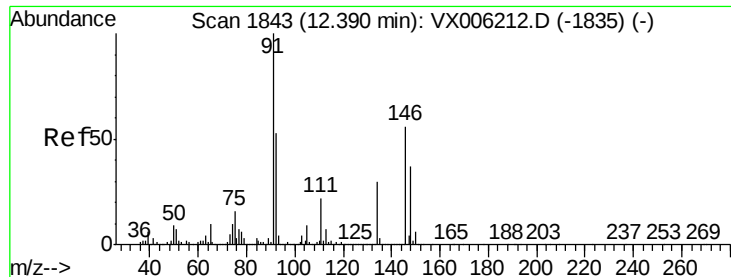
Tgt Ion: 91 Resp: 147043
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.8
134 28.5 14.8 44.3



#90
Hexachloroethane
Concen: 5.183 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006210.D
Acq: 29 Nov 2018 14:32

Tgt Ion: 117 Resp: 35675
Ion Ratio Lower Upper
117 100
201 83.9 44.7 134.1

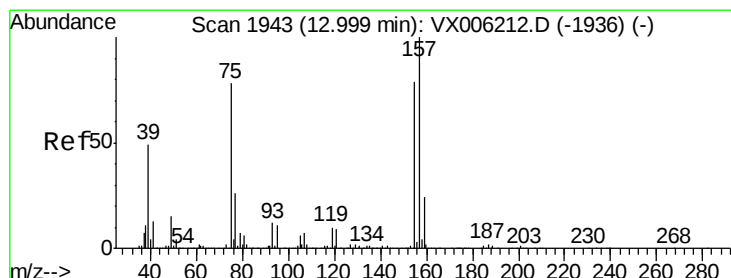
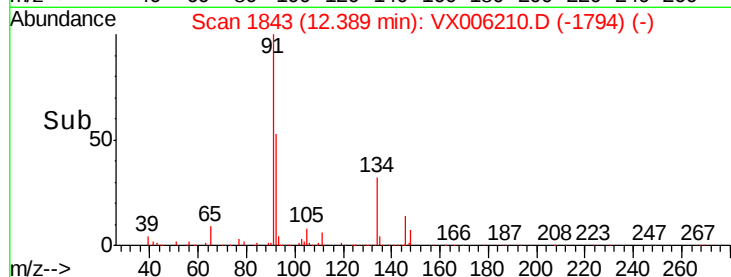
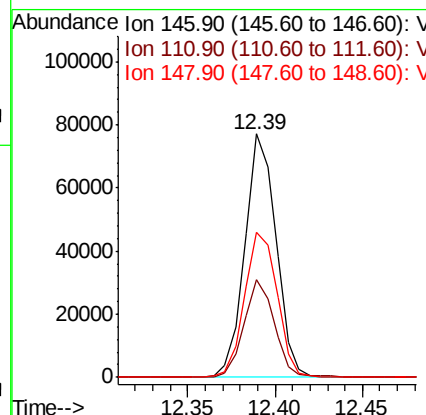
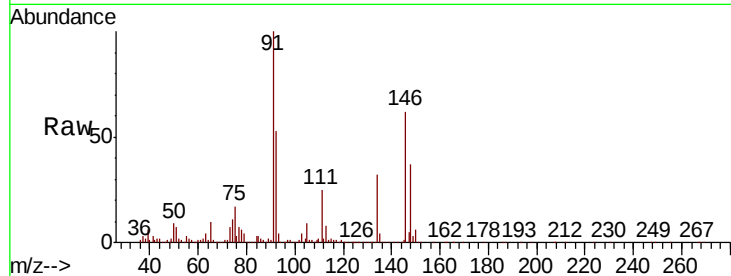




#91
 1,2-Dichlorobenzene
 Concen: 5.271 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

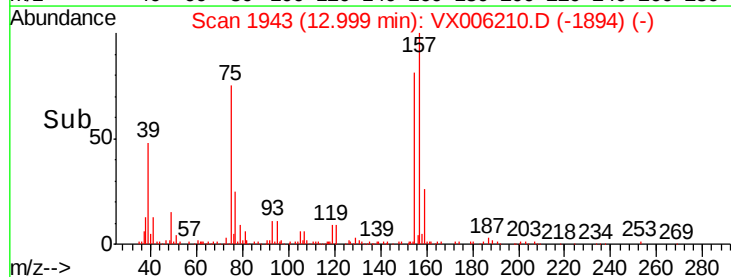
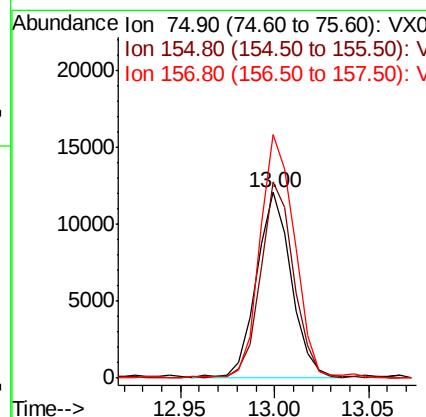
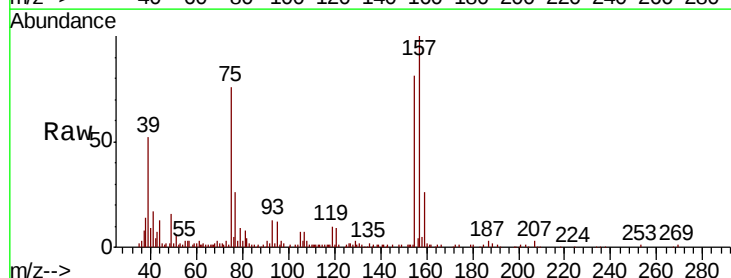
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 146 Resp: 95934
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.1 57.3
 148 62.5 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.081 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

Tgt Ion: 75 Resp: 15475
 Ion Ratio Lower Upper
 75 100
 155 100.8 53.4 160.3
 157 131.1 68.0 203.8

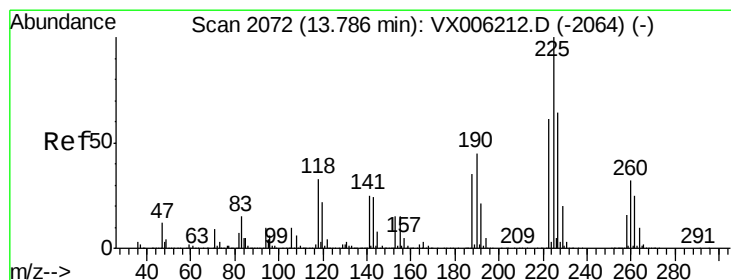
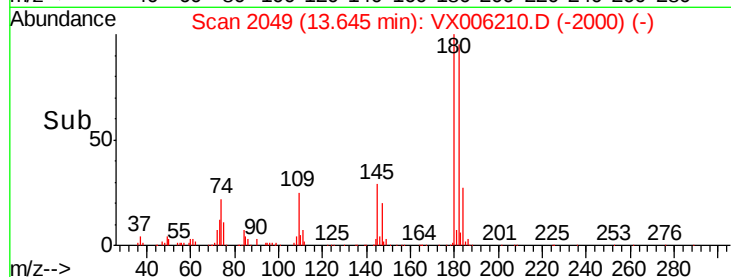
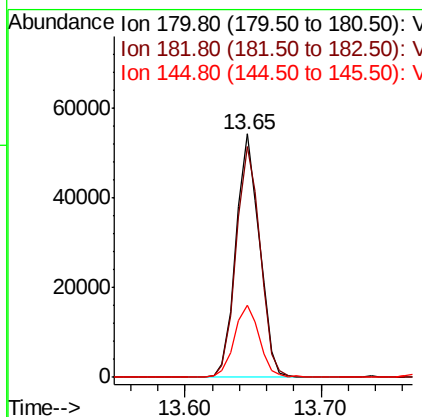
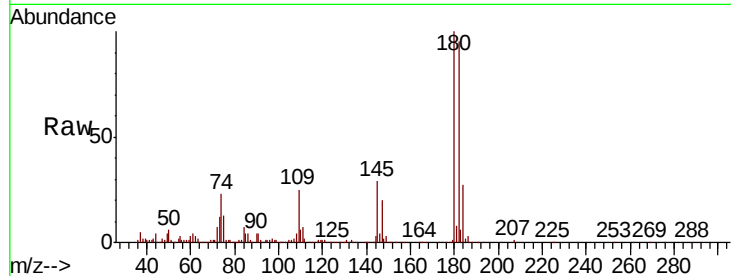




#93
 1,2,4-Trichlorobenzene
 Concen: 4.921 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

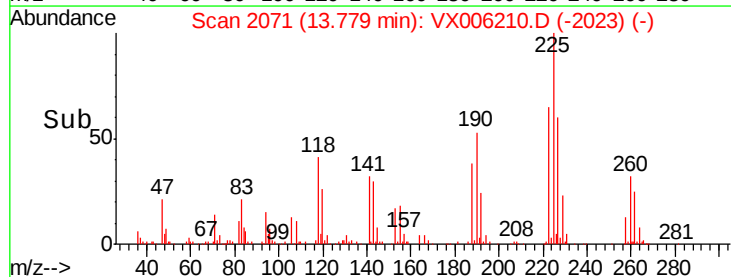
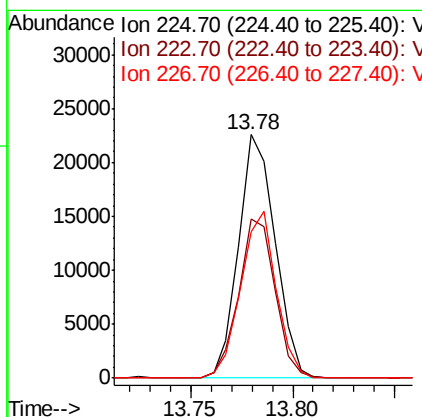
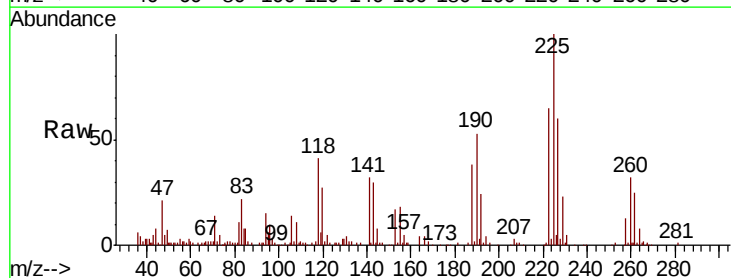
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

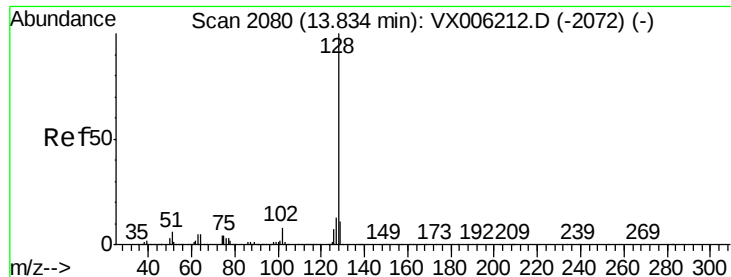
Tgt Ion:180 Resp: 65345
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.3 141.9
 145 31.4 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 4.806 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006210.D
 Acq: 29 Nov 2018 14:32

Tgt Ion:225 Resp: 28224
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.2 93.6
 227 66.5 31.9 95.5





#95

Naphthalene

Concen: 5.176 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

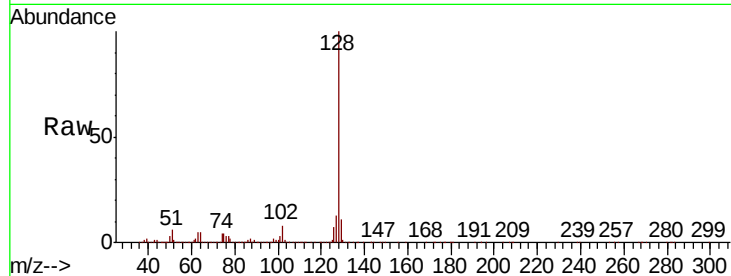
Tgt Ion:128 Resp: 213800

Ion Ratio Lower Upper

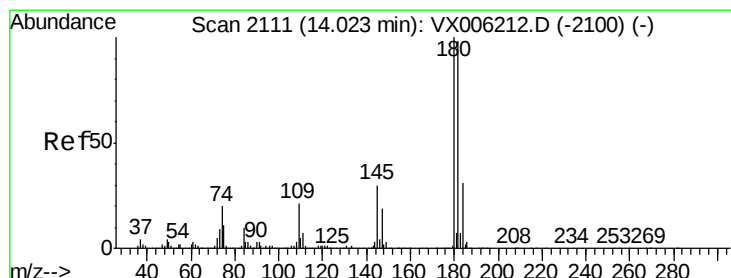
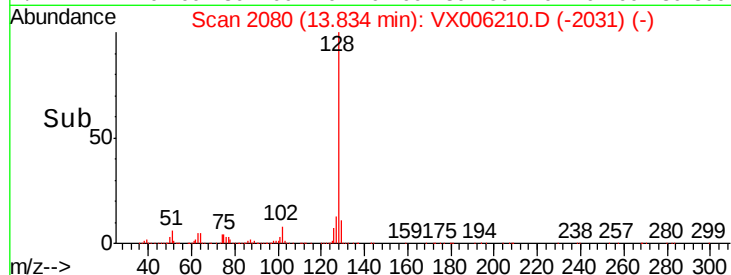
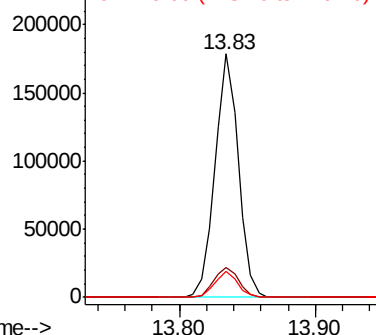
128 100

127 13.3 10.2 15.4

129 10.7 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 5.016 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006210.D

Acq: 29 Nov 2018 14:32

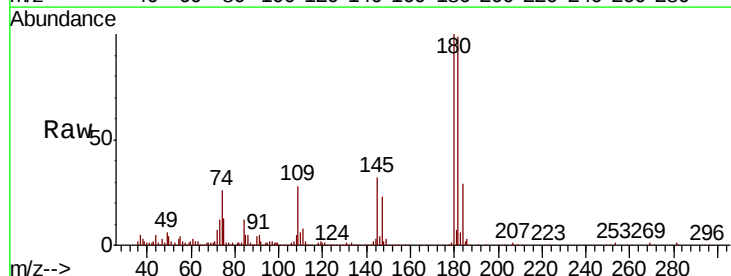
Tgt Ion:180 Resp: 65967

Ion Ratio Lower Upper

180 100

182 96.2 48.4 145.2

145 32.2 15.6 46.8



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

