

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
 Data File : VX007690.D
 Acq On : 26 Feb 2019 02:55
 Operator : JC/SP
 Sample : VX0225WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Quant Time: Feb 26 04:45:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	448938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	419941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198703	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	188823	60.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	121.10%	
35) Dibromofluoromethane	5.50	113	162637	54.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.38%	
50) Toluene-d8	8.71	98	551277	47.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.13	95	200833	47.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	37307	16.086	ug/l	94
3) Chloromethane	1.33	50	54623	21.254	ug/l	96
4) Vinyl Chloride	1.41	62	48593	18.430	ug/l	96
5) Bromomethane	1.64	94	41626	24.263	ug/l	94
6) Chloroethane	1.73	64	34536	20.502	ug/l	98
7) Trichlorofluoromethane	1.93	101	65221	16.136	ug/l	99
8) Diethyl Ether	2.19	74	39515	23.820	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38193	15.633	ug/l	92
10) Methyl Iodide	2.51	142	69007	22.684	ug/l	95
11) Tert butyl alcohol	3.07	59	80040	135.275	ug/l	97
12) 1,1-Dichloroethene	2.38	96	41899	19.026	ug/l	94
13) Acrolein	2.30	56	57945	110.208	ug/l	98
14) Allyl chloride	2.73	41	87074	21.384	ug/l	99
15) Acrylonitrile	3.15	53	177204	127.264	ug/l	99
16) Acetone	2.45	43	158673	114.417	ug/l	99
17) Carbon Disulfide	2.57	76	111799	18.248	ug/l	100
18) Methyl Acetate	2.78	43	78210	25.845	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	191151	24.926	ug/l	98
20) Methylene Chloride	2.86	84	59025	23.050	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	49375	20.624	ug/l	93
22) Diisopropyl ether	3.87	45	197857	23.342	ug/l	95
23) Vinyl Acetate	3.82	43	865856	116.427	ug/l	100
24) 1,1-Dichloroethane	3.70	63	105067	22.807	ug/l	99
25) 2-Butanone	4.70	43	255274	120.843	ug/l	97
26) 2,2-Dichloropropane	4.59	77	50102	13.625	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	69345	22.764	ug/l	95
28) Bromochloromethane	5.02	49	55305	24.660	ug/l	94
29) Tetrahydrofuran	5.15	42	167442	120.248	ug/l	98
30) Chloroform	5.21	83	111746	22.645	ug/l	99
31) Cyclohexane	5.58	56	63736	14.708	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	77998	19.112	ug/l	97
36) 1,1-Dichloropropene	5.80	75	63241	15.669	ug/l	100
37) Ethyl Acetate	4.85	43	97019	21.639	ug/l	98
38) Carbon Tetrachloride	5.79	117	60881	15.016	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65352	12.811	ug/l	98
40) Benzene	6.14	78	244738	19.643	ug/l	95
41) Methacrylonitrile	5.06	41	51095	21.342	ug/l	98
42) 1,2-Dichloroethane	6.20	62	88742	21.191	ug/l	96
43) Isopropyl Acetate	6.46	43	147726	21.409	ug/l	99
44) Trichloroethene	7.21	130	62888	18.349	ug/l	93
45) 1,2-Dichloropropane	7.52	63	63965	19.819	ug/l	98
46) Dibromomethane	7.66	93	46165	20.503	ug/l	93
47) Bromodichloromethane	7.90	83	79575	20.394	ug/l	98
48) Methyl methacrylate	7.77	41	74518	20.602	ug/l	98
49) 1,4-Dioxane	7.75	88	35460	453.908	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	503937	109.103	ug/l	100
52) Toluene	8.78	92	146023	18.586	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	81883	18.736	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	92480	19.531	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	71670	21.876	ug/l	98
56) Ethyl methacrylate	9.18	69	100003	21.464	ug/l	98
57) 1,3-Dichloropropane	9.37	76	113041	21.554	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	266452	103.709	ug/l	99
59) 2-Hexanone	9.49	43	382693	105.534	ug/l	100
60) Dibromochloromethane	9.58	129	67612	21.447	ug/l	99
61) 1,2-Dibromoethane	9.67	107	75645	22.238	ug/l	98
64) Tetrachloroethene	9.34	164	61121	17.929	ug/l	97
65) Chlorobenzene	10.14	112	169456	18.657	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	62679	19.784	ug/l	98
67) Ethyl Benzene	10.25	91	257173	17.093	ug/l	100
68) m/p-Xylenes	10.36	106	199699	34.118	ug/l	97
69) o-Xylene	10.69	106	104096	18.489	ug/l	98
70) Styrene	10.71	104	170028	18.373	ug/l	99
71) Bromoform	10.85	173	46058	19.387	ug/l #	99
73) Isopropylbenzene	11.02	105	243694	17.160	ug/l	100
74) N-amyl acetate	10.90	43	128132	20.777	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	106215	21.624	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	115569	27.286	ug/l	81
77) Bromobenzene	11.26	156	75842	21.292	ug/l	93
78) n-propylbenzene	11.36	91	268349	16.722	ug/l	99
79) 2-Chlorotoluene	11.42	91	175461	18.158	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	209630	17.945	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24521	17.590	ug/l	94
82) 4-Chlorotoluene	11.51	91	203284	17.984	ug/l	100
83) tert-Butylbenzene	11.77	119	193015	17.209	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	220320	18.438	ug/l	100
85) sec-Butylbenzene	11.94	105	225823	16.067	ug/l	99
86) p-Isopropyltoluene	12.06	119	204000	16.574	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	126248	19.107	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	129058	19.072	ug/l	97
89) n-Butylbenzene	12.38	91	164639	14.998	ug/l	98
90) Hexachloroethane	12.60	117	33999	16.394	ug/l	87
91) 1,2-Dichlorobenzene	12.39	146	132513	20.044	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20346	19.011	ug/l	95

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Quant Time: Feb 26 04:45:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

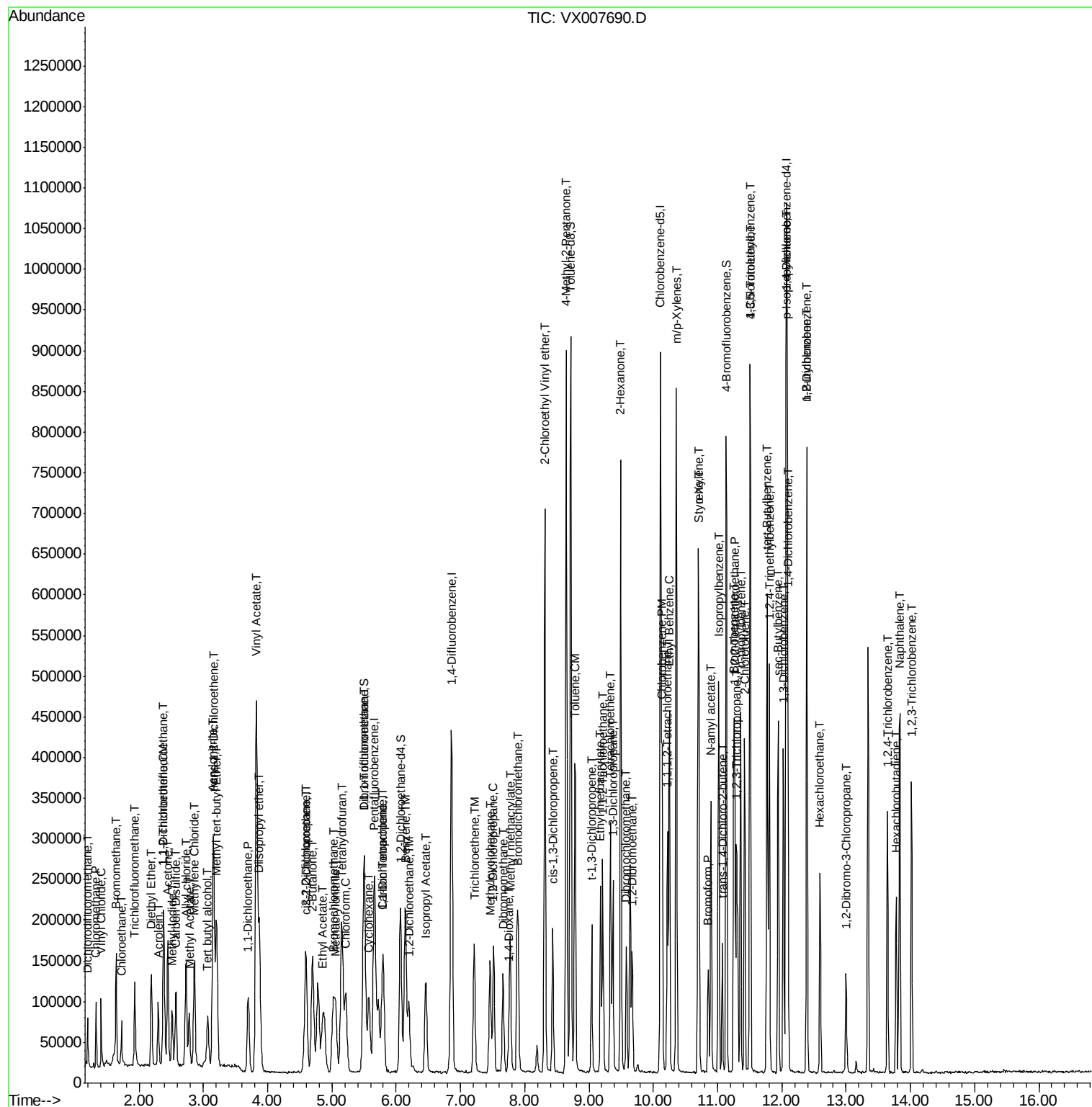
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	79198	19.626	ug/l	98
94) Hexachlorobutadiene	13.78	225	28488	15.432	ug/l	97
95) Naphthalene	13.83	128	285818	21.861	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	83244	20.544	ug/l	98

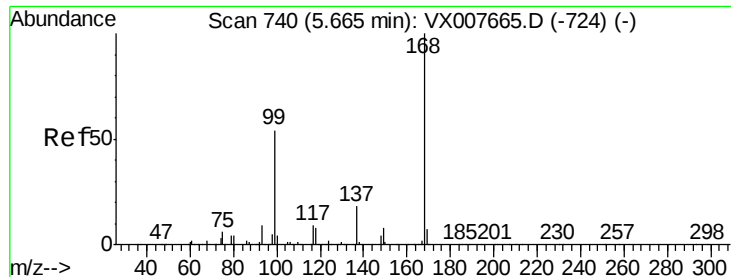
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022519\
Data File : VX007690.D
Acq On : 26 Feb 2019 02:55
Operator : JC/SP
Sample : VX0225WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sampled :
VX0225WBSD02

Quant Time: Feb 26 04:08:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

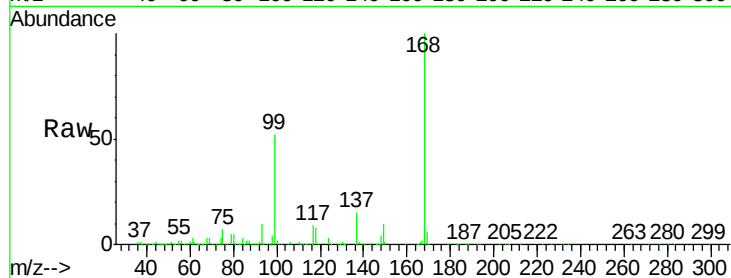
VX0225WBSD02

Tot Ion:168 Resp: 251758

Ion Ratio Lower Upper

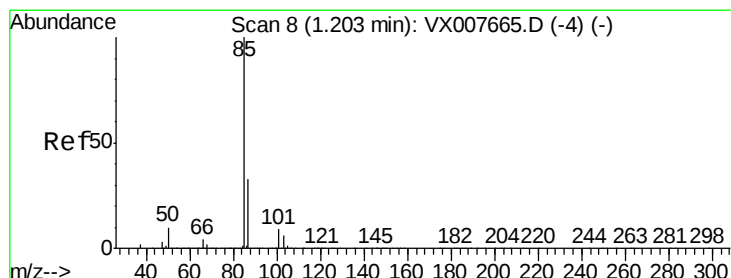
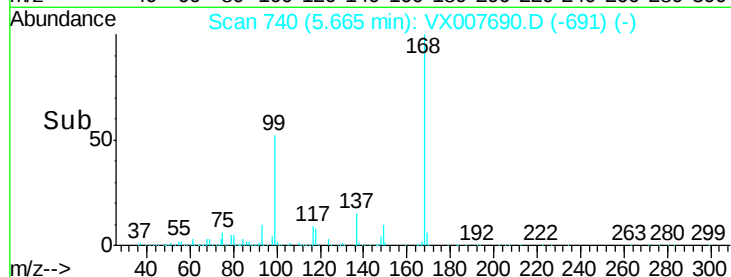
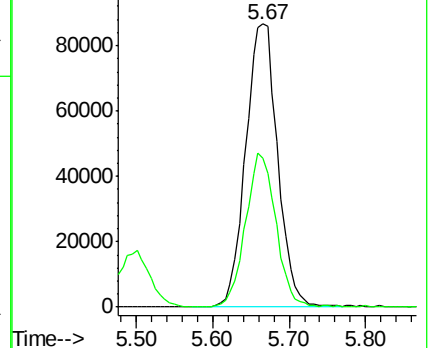
168 100

99 52.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.086 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007690.D

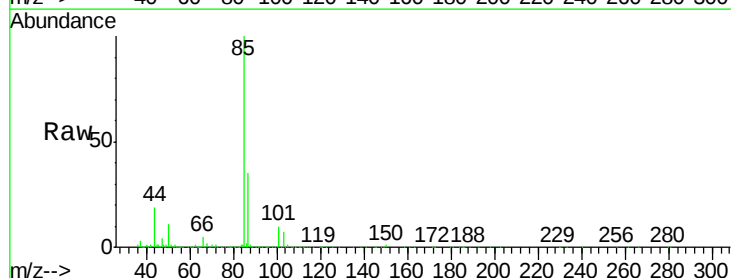
Acq: 26 Feb 2019 02:55

Tgt Ion: 85 Resp: 37307

Ion Ratio Lower Upper

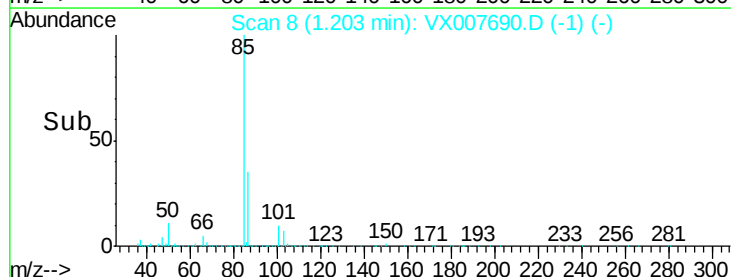
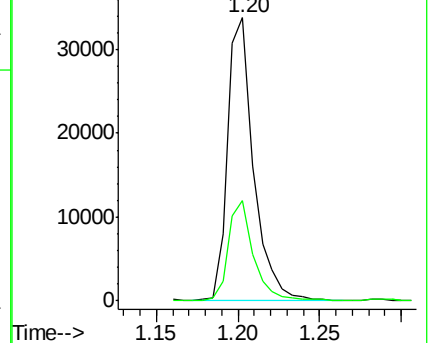
85 100

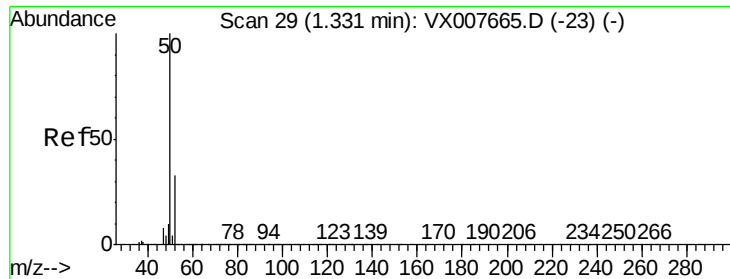
87 35.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.254 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

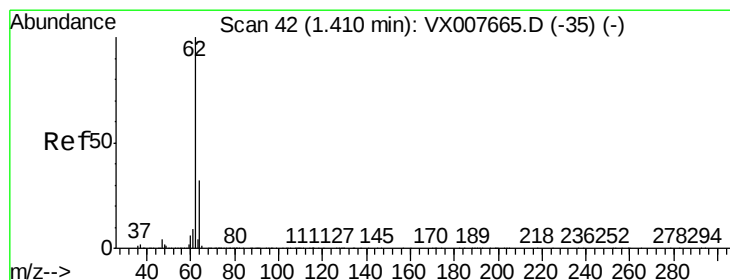
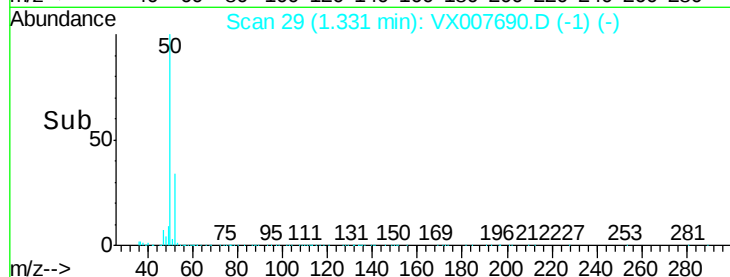
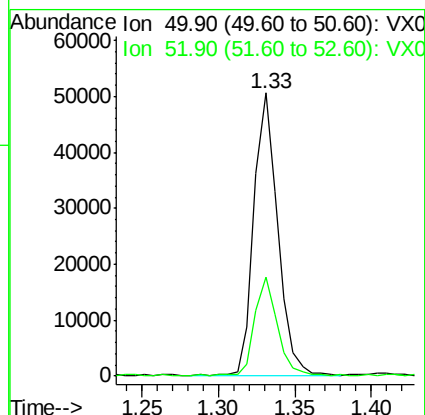
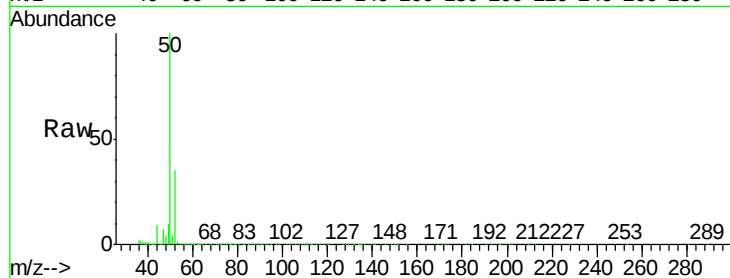
VX0225WBSD02

Tot Ion: 50 Resp: 54623

Ion Ratio Lower Upper

50 100

52 34.7 26.1 39.1



#4

Vinyl Chloride

Concen: 18.430 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007690.D

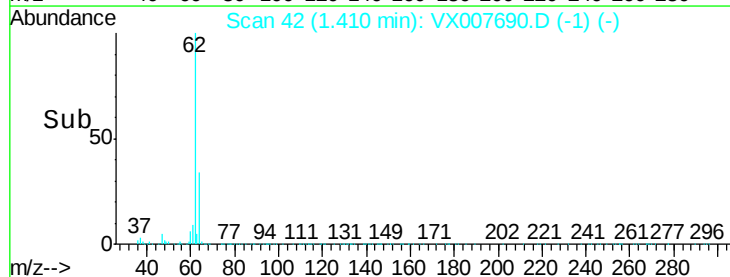
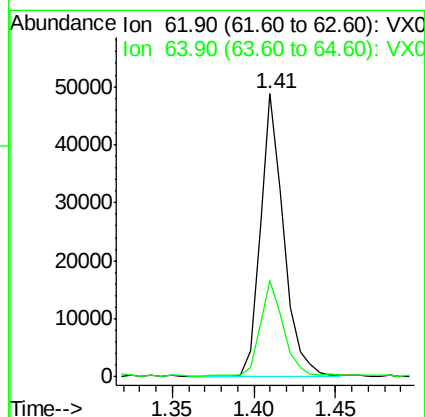
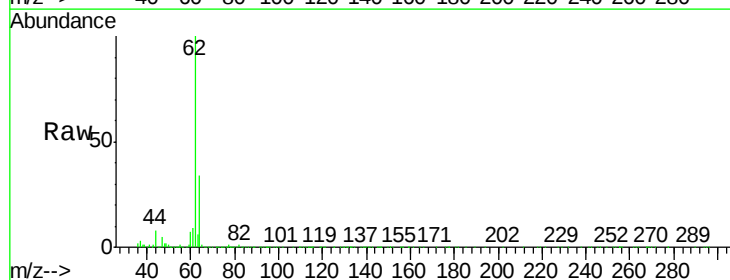
Acq: 26 Feb 2019 02:55

Tgt Ion: 62 Resp: 48593

Ion Ratio Lower Upper

62 100

64 33.8 25.4 38.0





#5

Bromomethane

Concen: 24.263 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

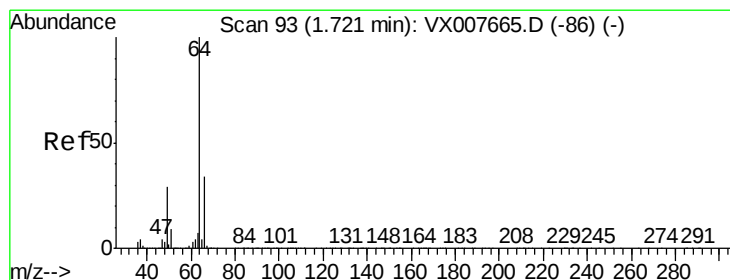
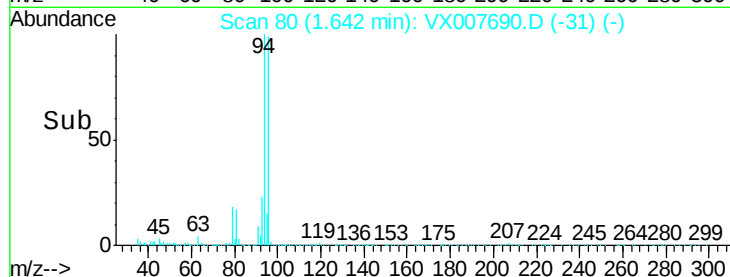
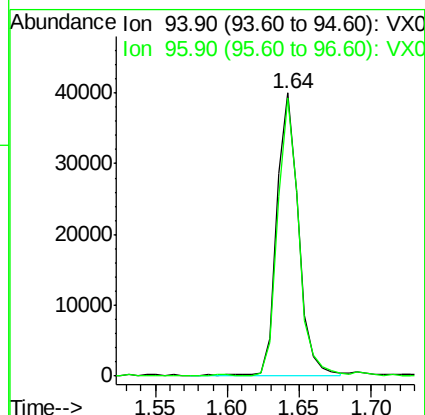
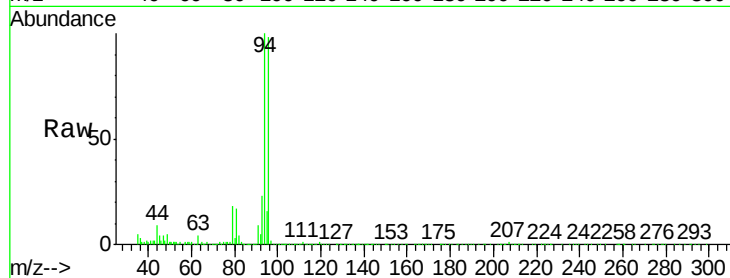
VX0225WBSD02

Tot Ion: 94 Resp: 41626

Ion Ratio Lower Upper

94 100

96 98.6 73.9 110.9



#6

Chloroethane

Concen: 20.502 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007690.D

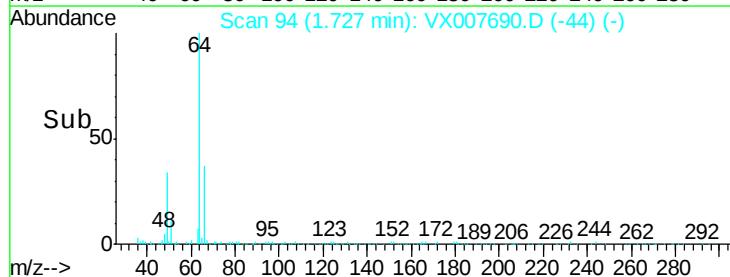
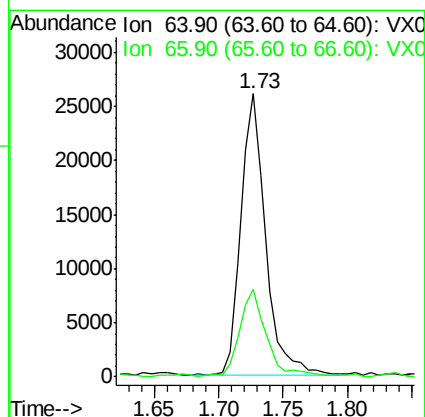
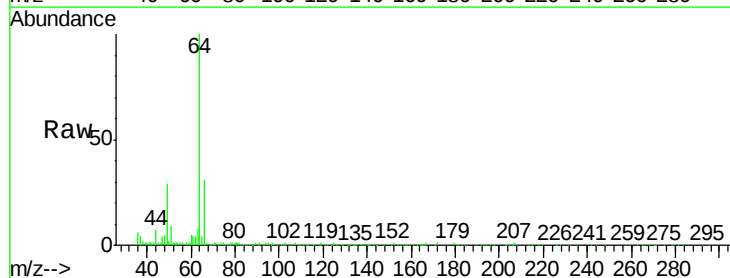
Acq: 26 Feb 2019 02:55

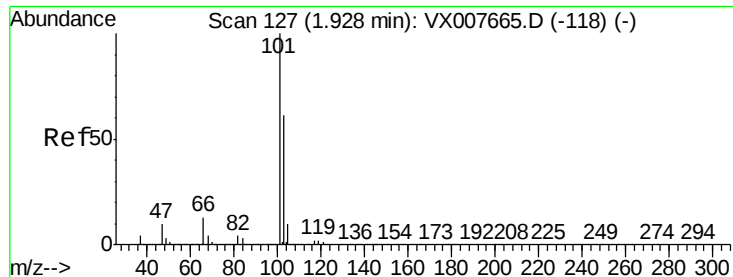
Tgt Ion: 64 Resp: 34536

Ion Ratio Lower Upper

64 100

66 30.6 25.5 38.3



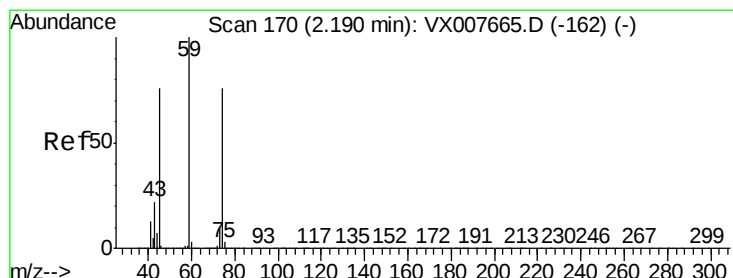
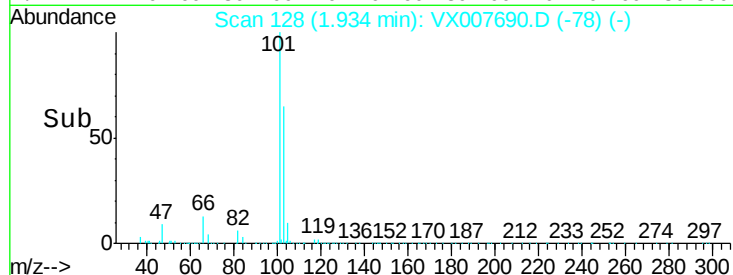
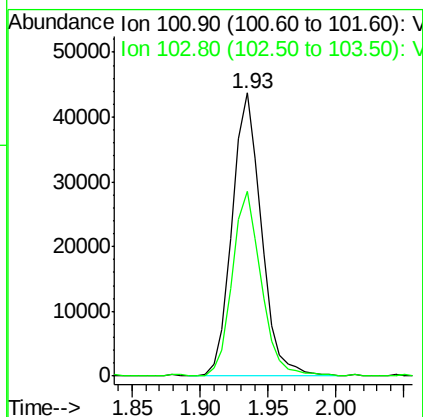
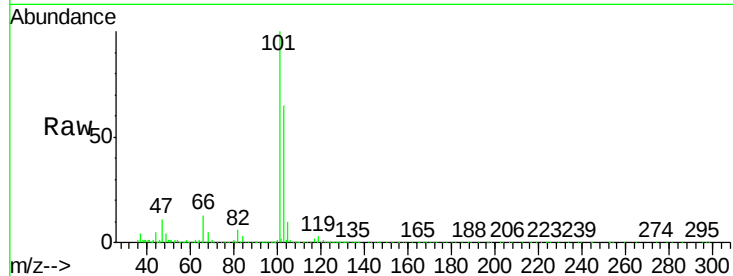


#7

Trichlorofluoromethane
 Concen: 16.136 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

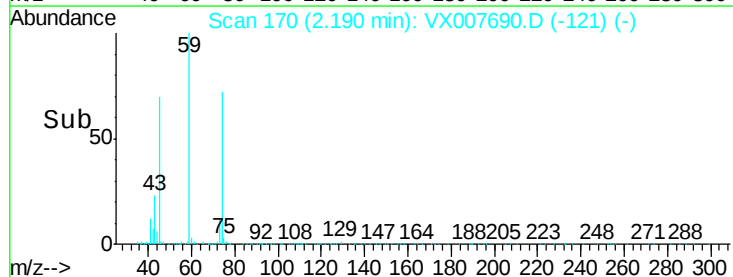
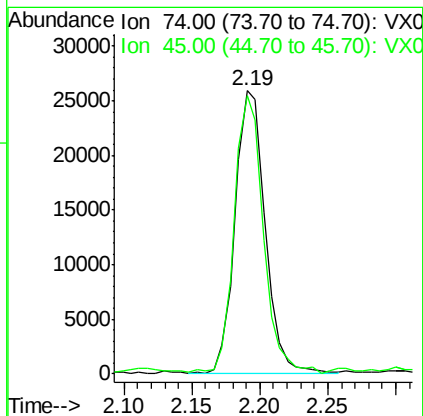
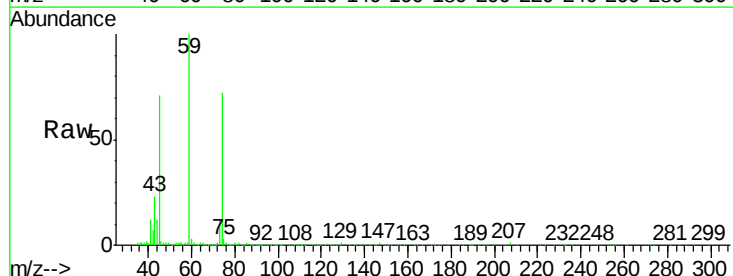
Tot Ion:101 Resp: 65221
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.6 79.0

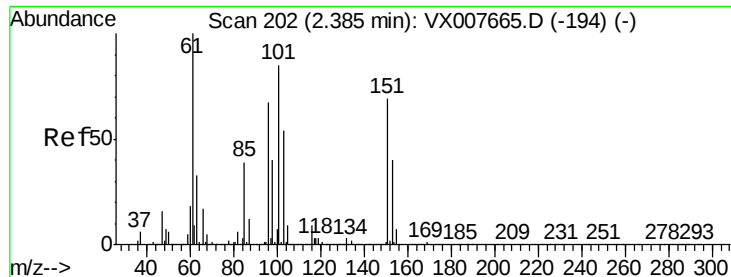


#8

Diethyl Ether
 Concen: 23.820 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Tgt Ion: 74 Resp: 39515
 Ion Ratio Lower Upper
 74 100
 45 96.5 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.633 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

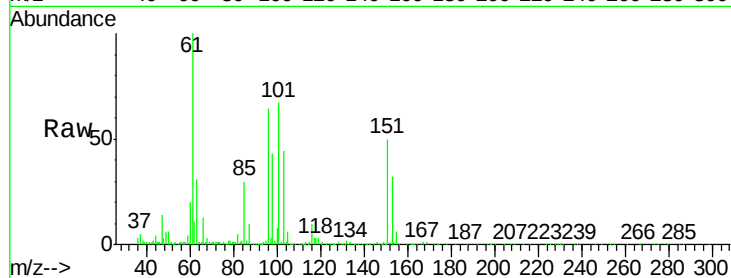
Tot Ion:101 Resp: 38193

Ion Ratio Lower Upper

101 100

85 46.4 34.1 51.1

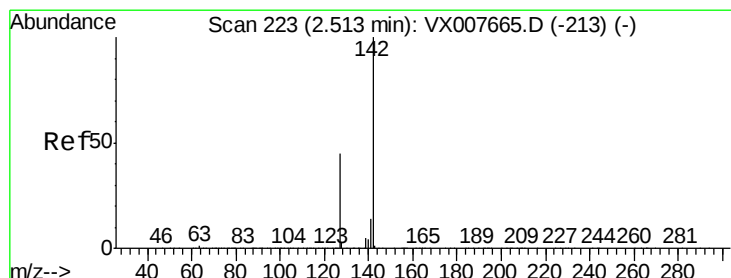
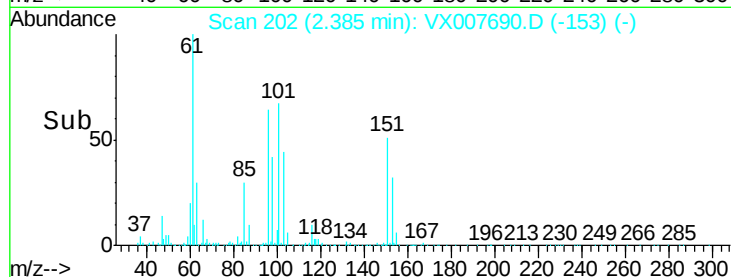
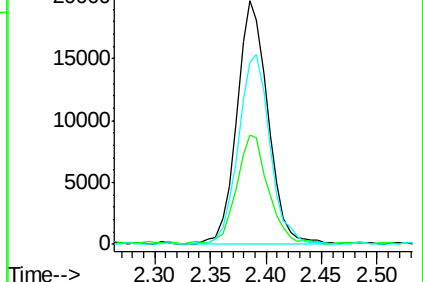
151 79.4 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.684 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

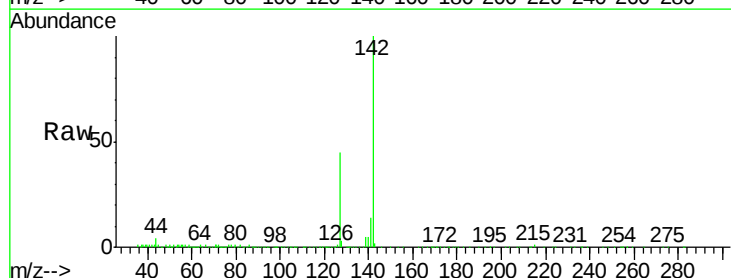
Tgt Ion:142 Resp: 69007

Ion Ratio Lower Upper

142 100

127 45.8 33.7 50.5

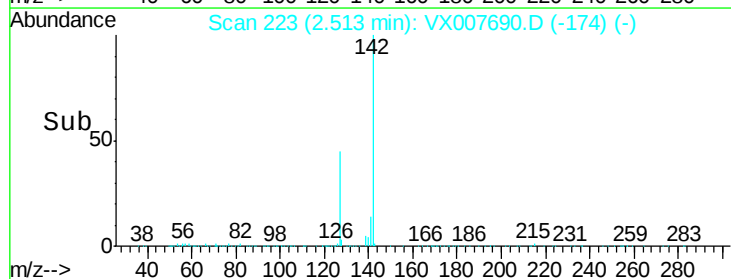
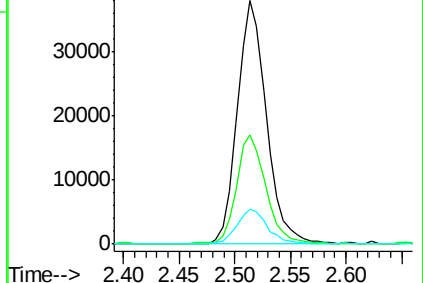
141 15.2 11.3 16.9



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



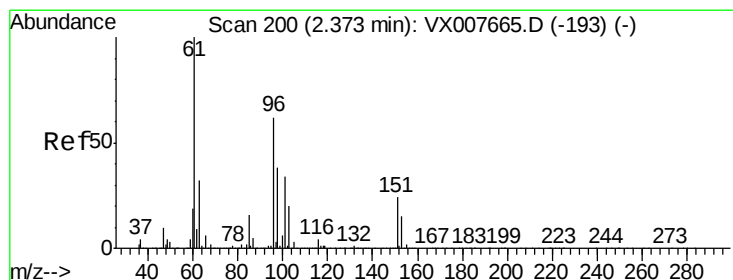
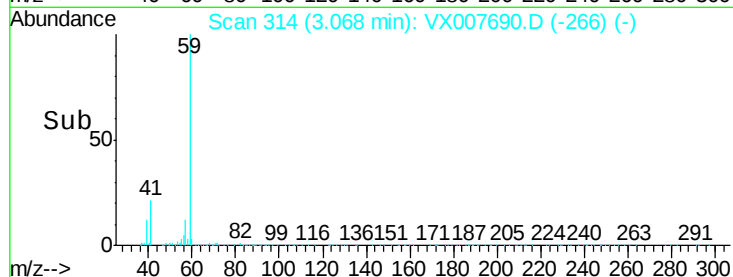
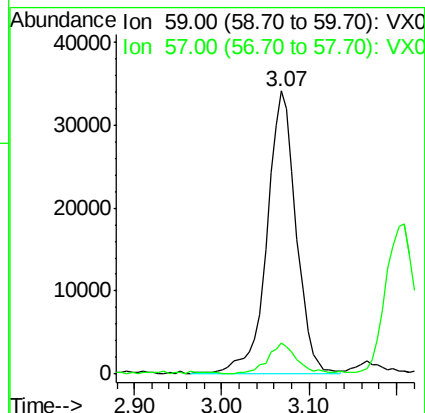
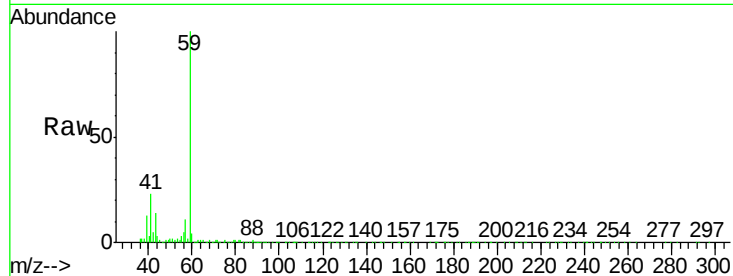


#11

Tert butyl alcohol
Concen: 135.275 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

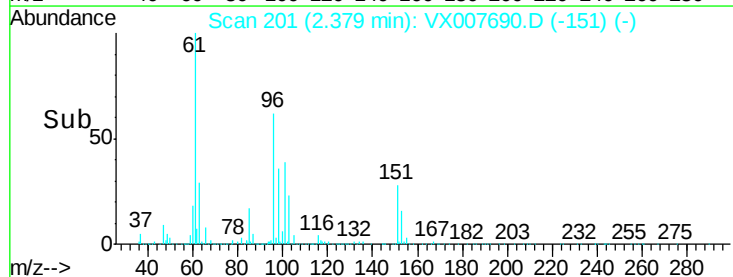
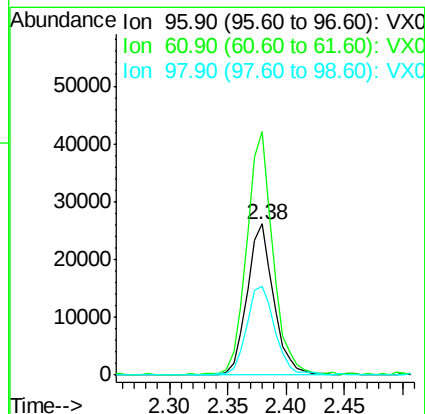
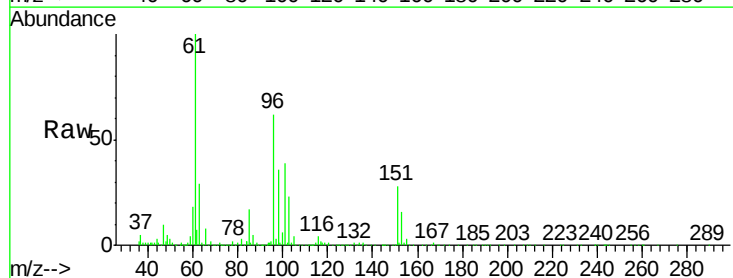
Tot Ion: 59 Resp: 80040
Ion Ratio Lower Upper
59 100
57 11.3 8.1 12.1

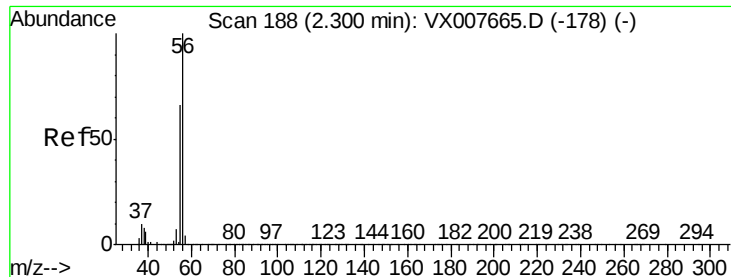


#12

1,1-Dichloroethene
Concen: 19.026 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion: 96 Resp: 41899
Ion Ratio Lower Upper
96 100
61 160.5 123.0 184.4
98 58.5 50.9 76.3





#13

Acrolein

Concen: 110.208 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

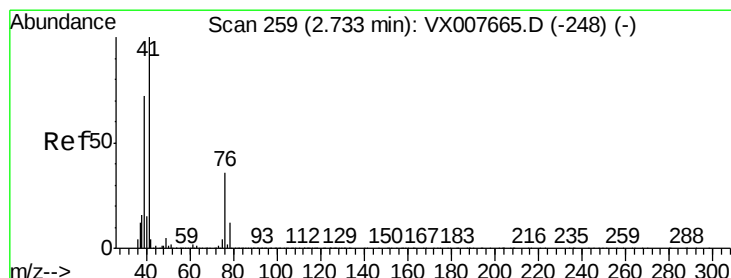
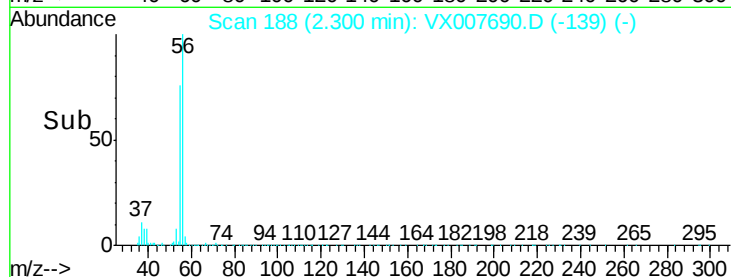
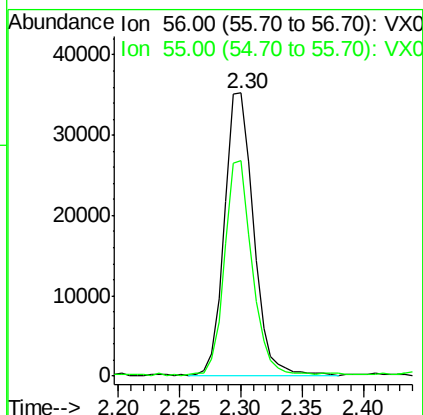
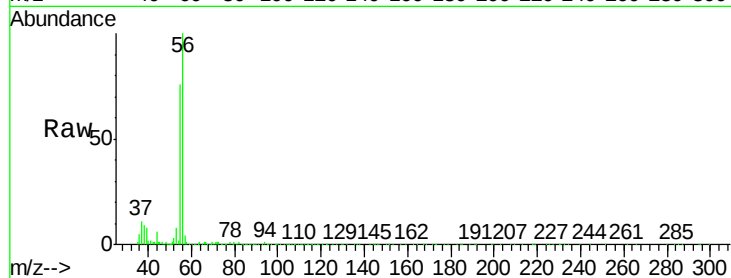
VX0225WBSD02

Tot Ion: 56 Resp: 57945

Ion Ratio Lower Upper

56 100

55 73.1 56.9 85.3



#14

Allyl chloride

Concen: 21.384 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

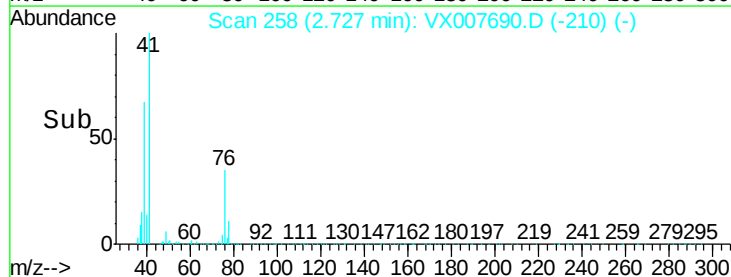
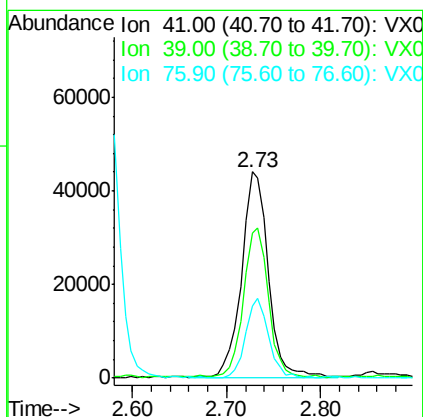
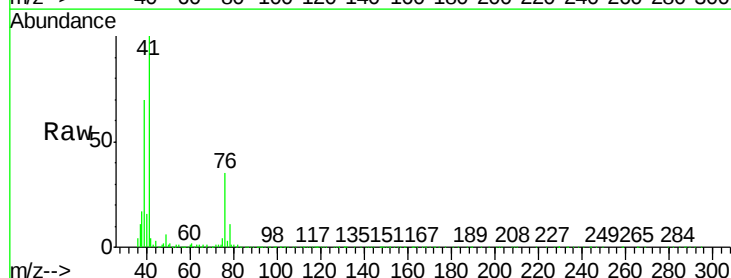
Tgt Ion: 41 Resp: 87074

Ion Ratio Lower Upper

41 100

39 67.5 54.1 81.1

76 32.9 27.8 41.8





#15

Acrylonitrile

Concen: 127.264 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

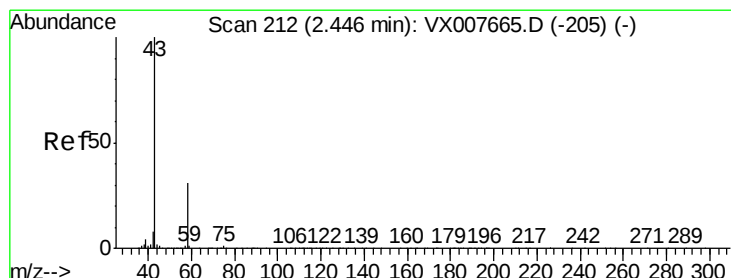
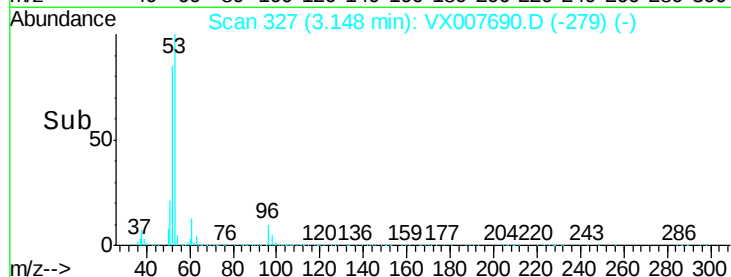
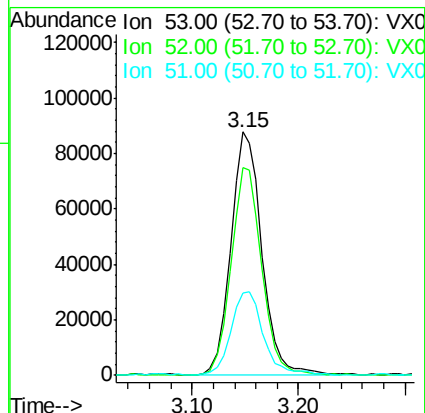
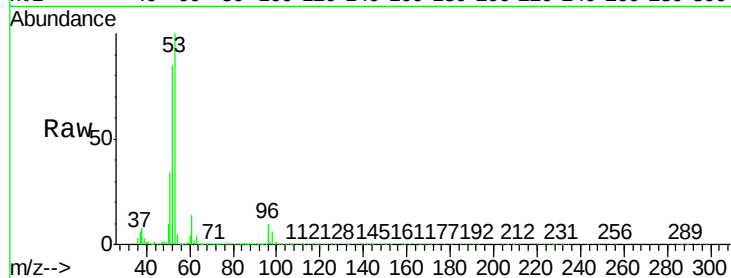
Tot Ion: 53 Resp: 177204

Ion Ratio Lower Upper

53 100

52 84.4 66.4 99.6

51 35.7 28.4 42.6



#16

Acetone

Concen: 114.417 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007690.D

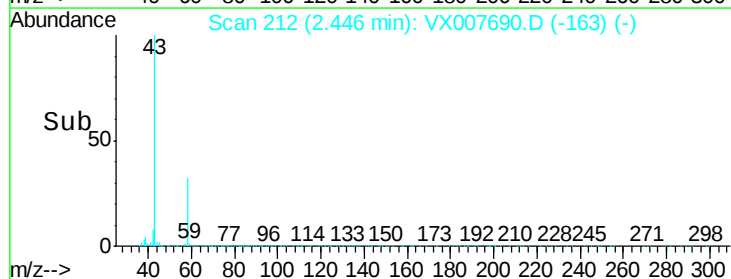
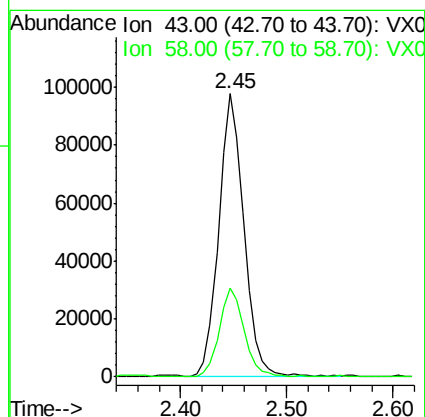
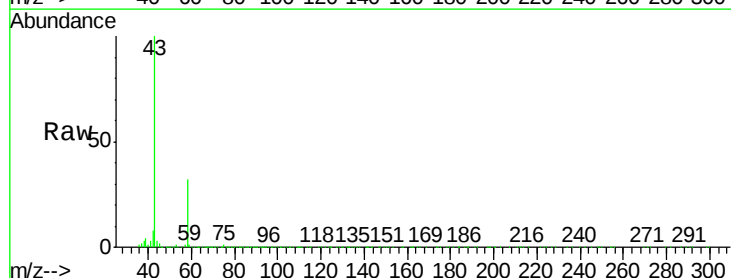
Acq: 26 Feb 2019 02:55

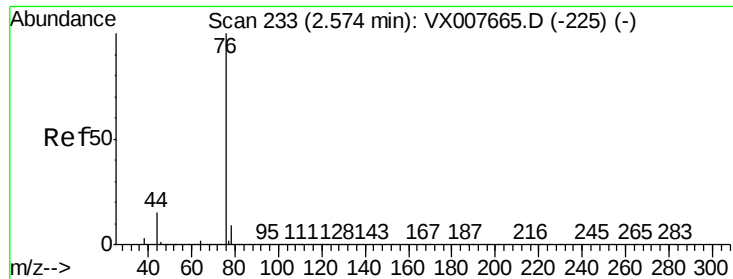
Tgt Ion: 43 Resp: 158673

Ion Ratio Lower Upper

43 100

58 31.4 24.9 37.3

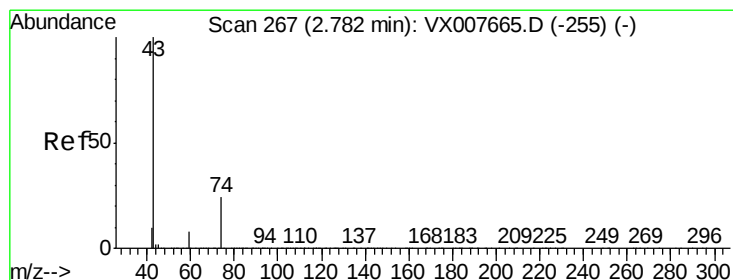
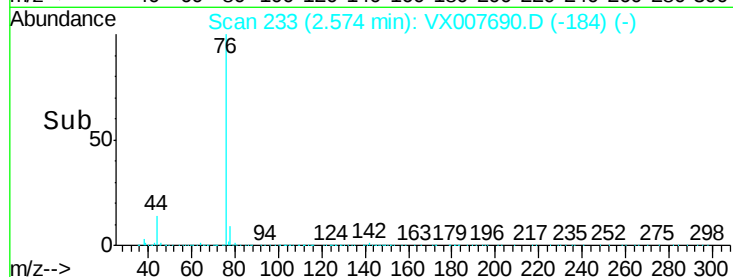
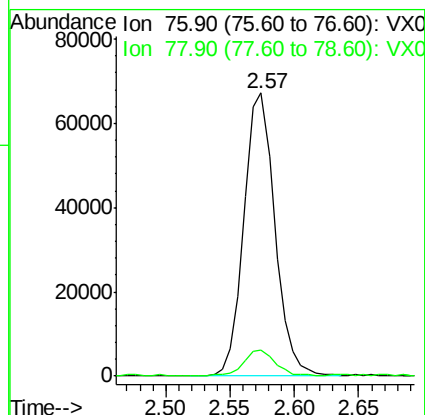
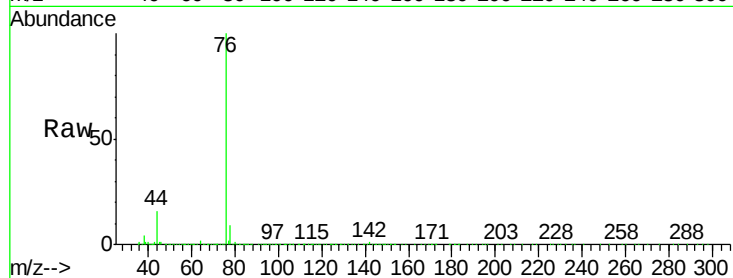




#17
Carbon Disulfide
Concen: 18.248 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

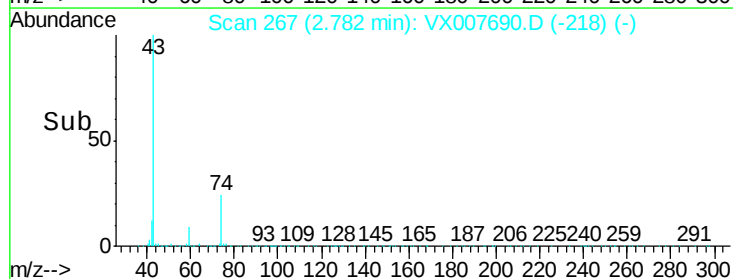
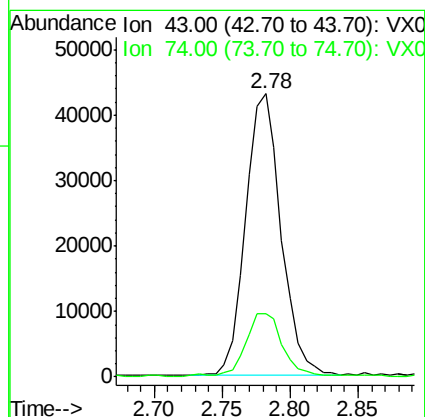
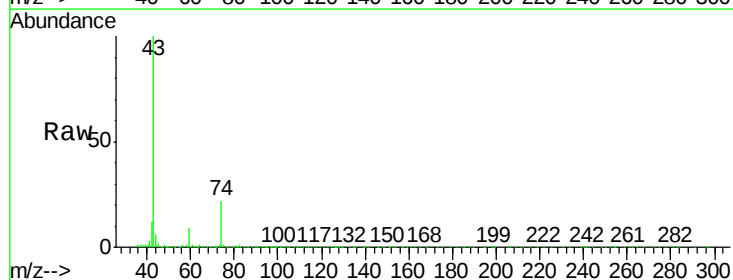
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

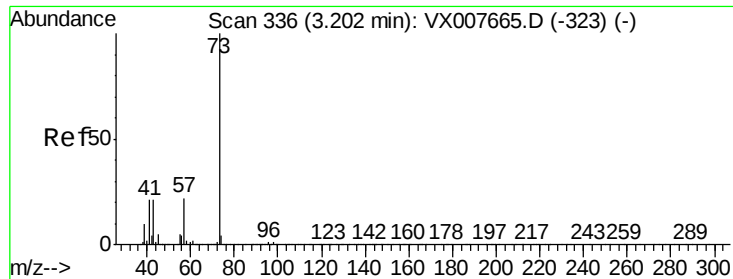
Tot Ion: 76 Resp: 111799
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 25.845 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion: 43 Resp: 78210
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.2



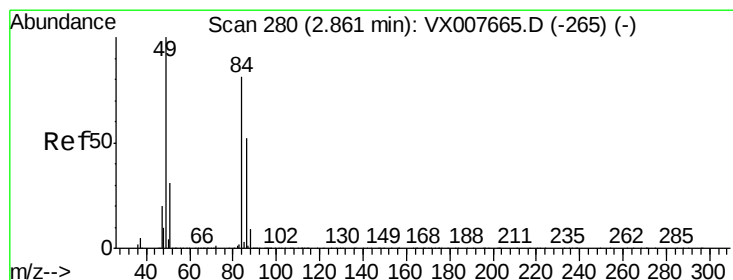
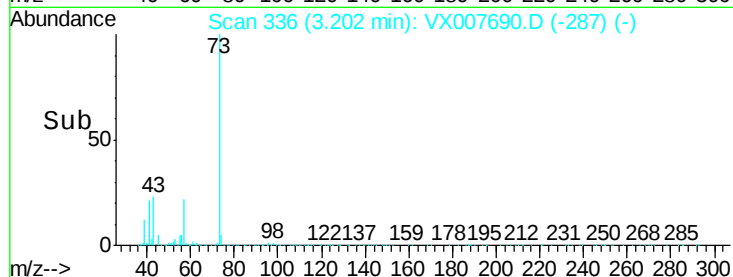
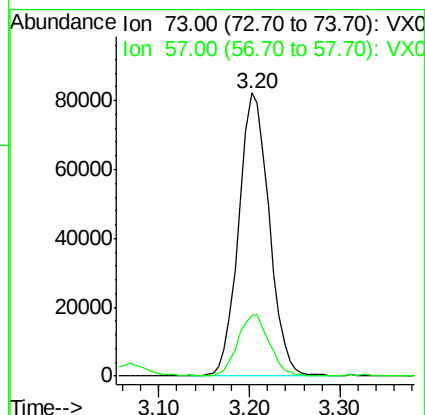
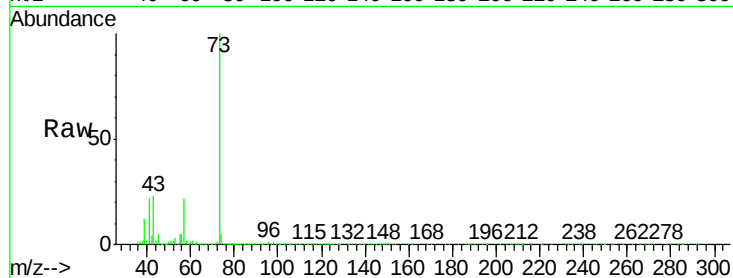


#19

Methyl tert-butyl Ether
 Concen: 24.926 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

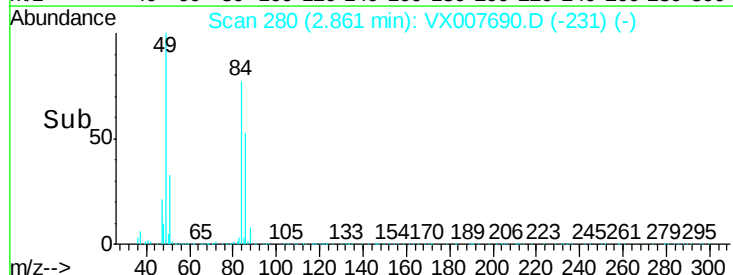
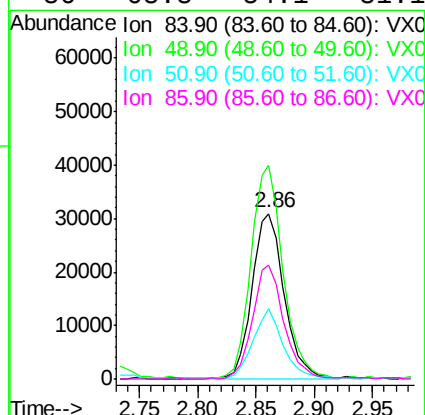
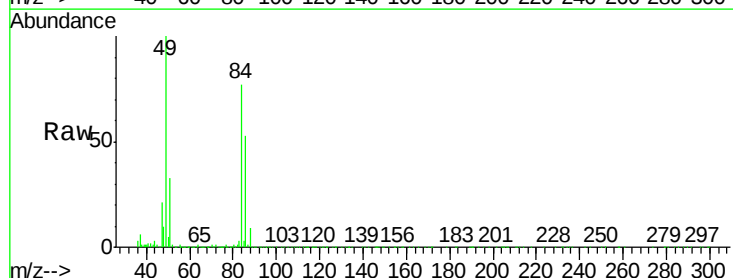
Tot Ion: 73 Resp: 191151
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.8 26.8

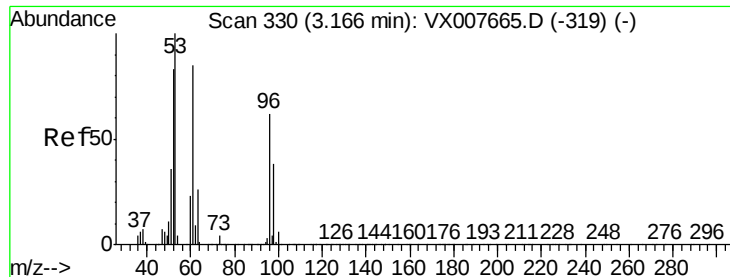


#20

Methylene Chloride
 Concen: 23.050 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Tgt Ion: 84 Resp: 59025
 Ion Ratio Lower Upper
 84 100
 49 128.6 94.8 142.2
 51 42.4 29.8 44.8
 86 68.8 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 20.624 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

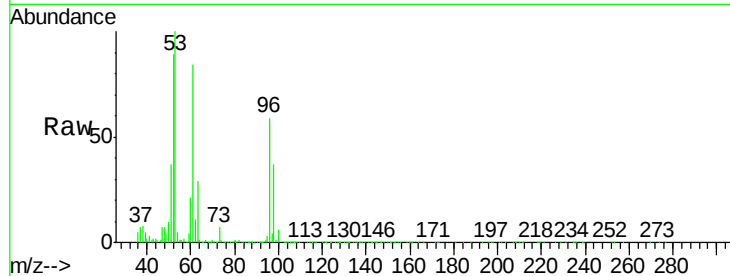
Tot Ion: 96 Resp: 49375

Ion Ratio Lower Upper

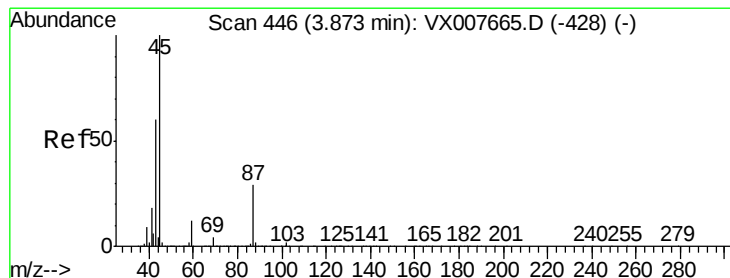
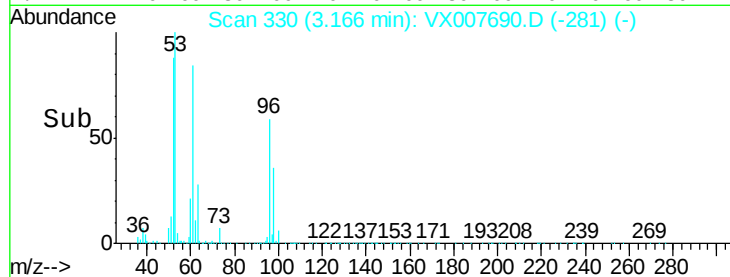
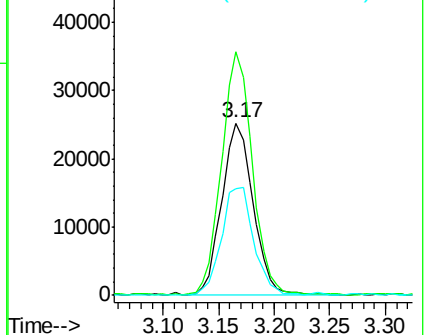
96 100

61 140.5 104.6 156.8

98 61.3 51.0 76.4



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: 23.342 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Tgt Ion: 45 Resp: 197857

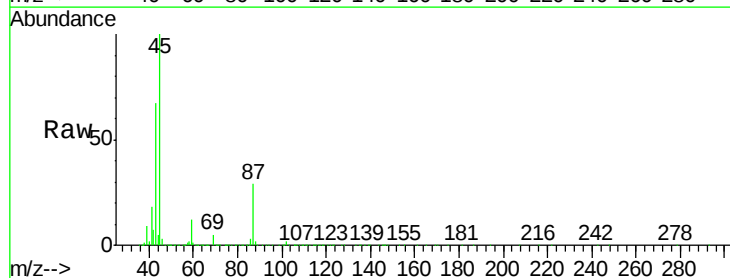
Ion Ratio Lower Upper

45 100

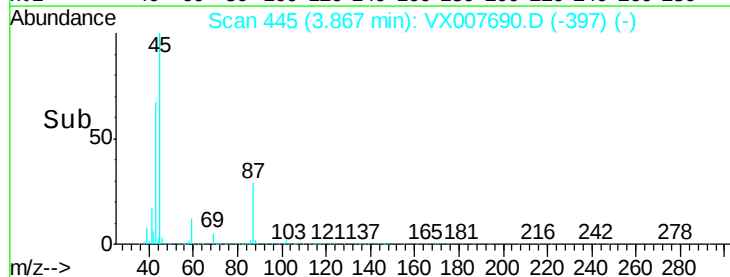
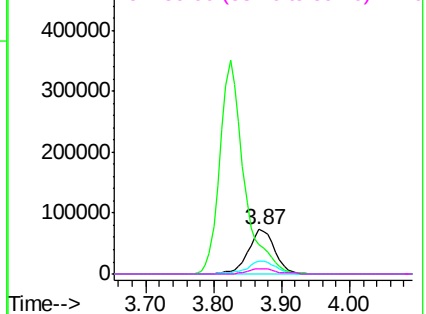
43 66.4 48.9 73.3

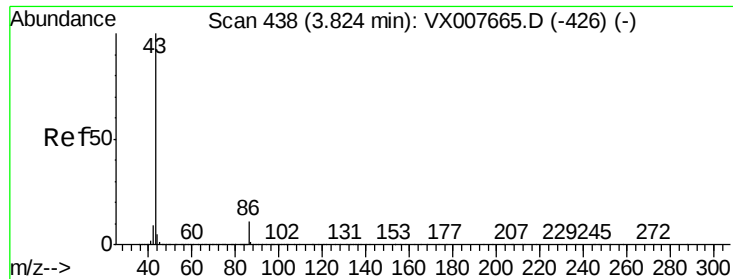
87 28.9 23.9 35.9

59 11.5 9.6 14.4



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: 116.427 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

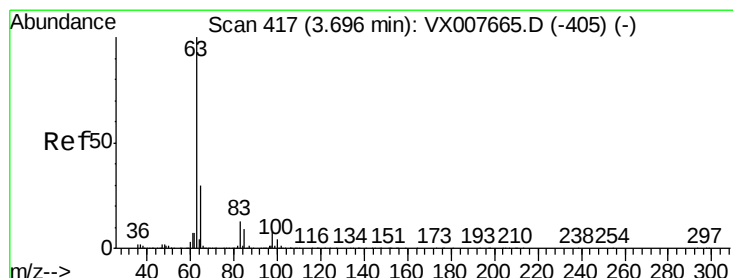
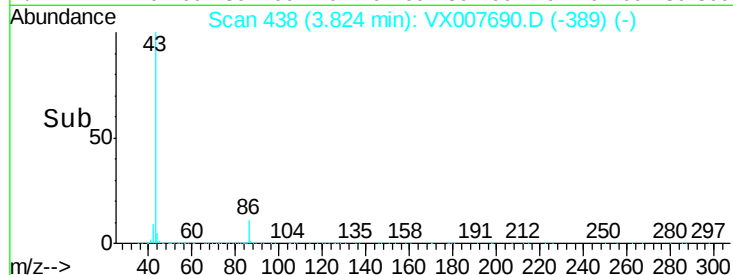
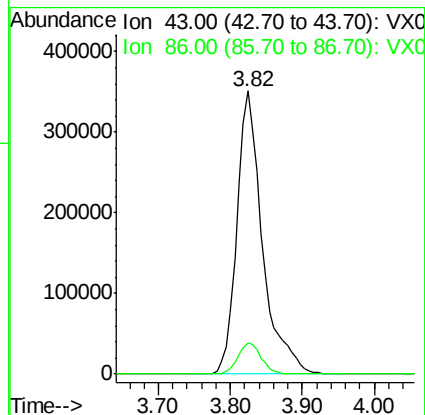
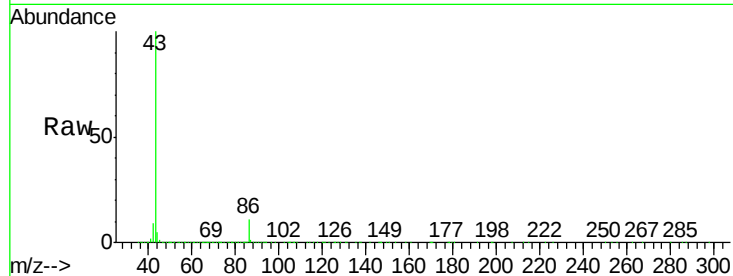
VX0225WBSD02

Tot Ion: 43 Resp: 865856

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 22.807 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

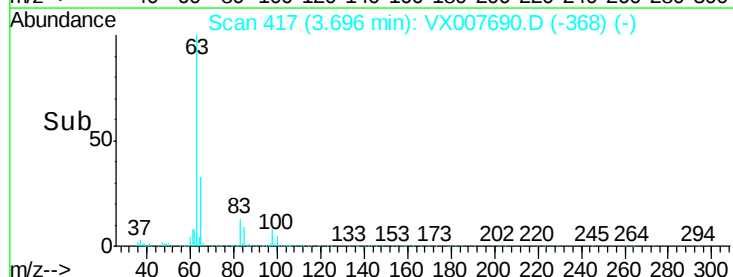
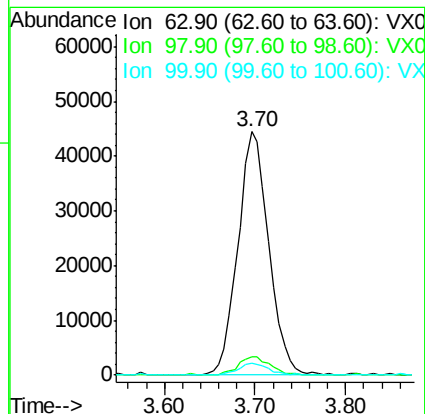
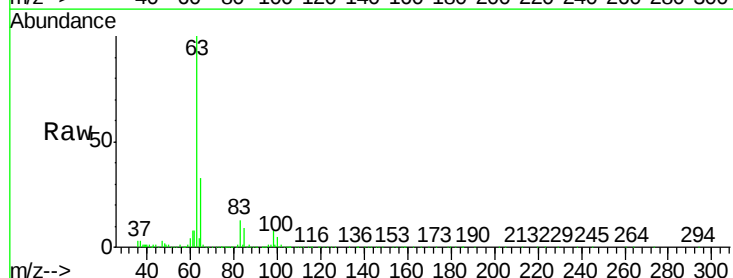
Tgt Ion: 63 Resp: 105067

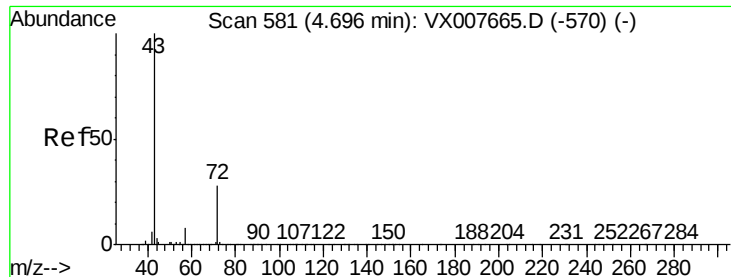
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 120.843 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

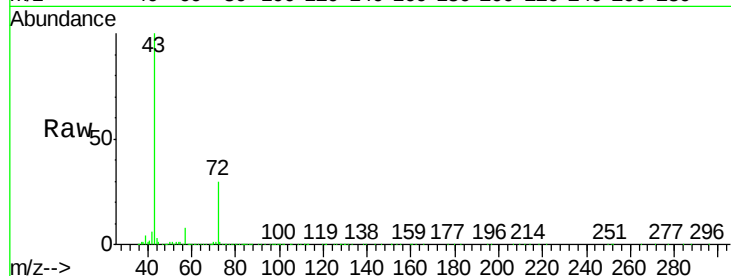
VX0225WBSD02

Tot Ion: 43 Resp: 255274

Ion Ratio Lower Upper

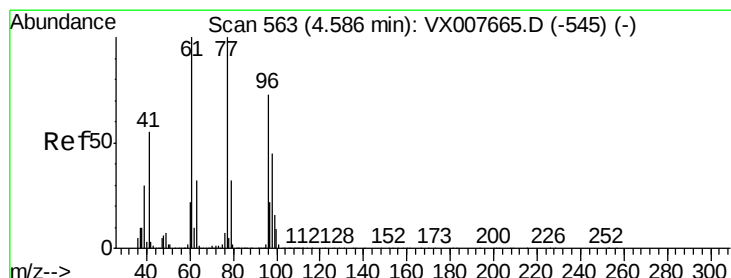
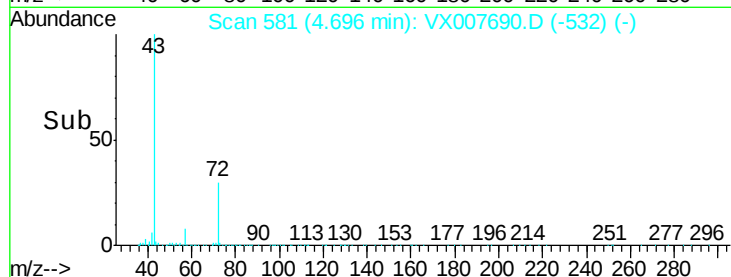
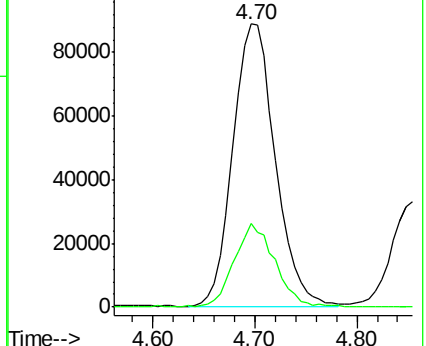
43 100

72 29.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.625 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007690.D

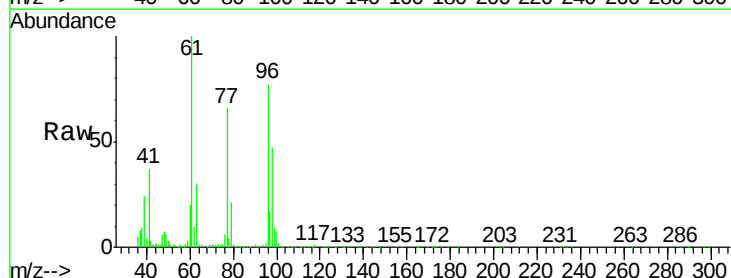
Acq: 26 Feb 2019 02:55

Tgt Ion: 77 Resp: 50102

Ion Ratio Lower Upper

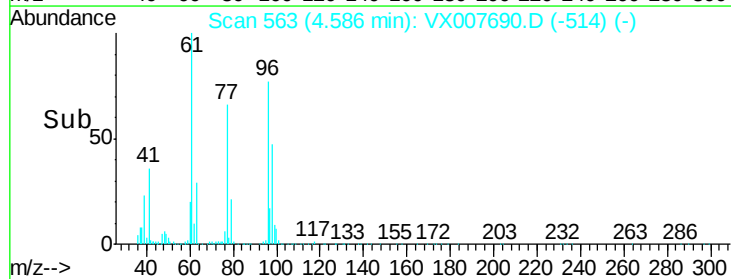
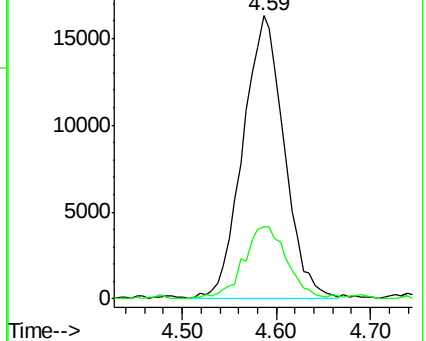
77 100

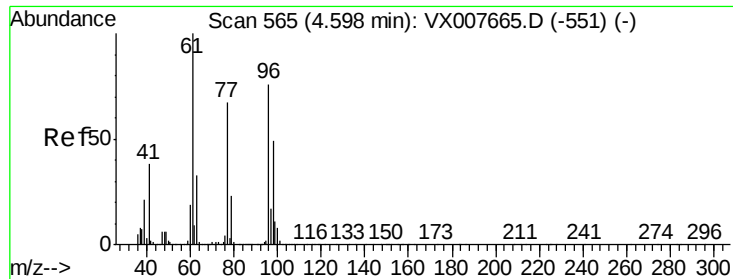
97 27.0 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



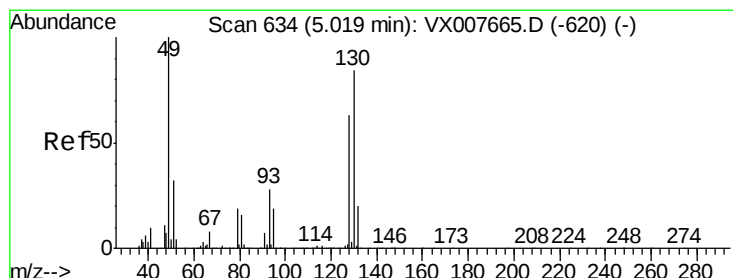
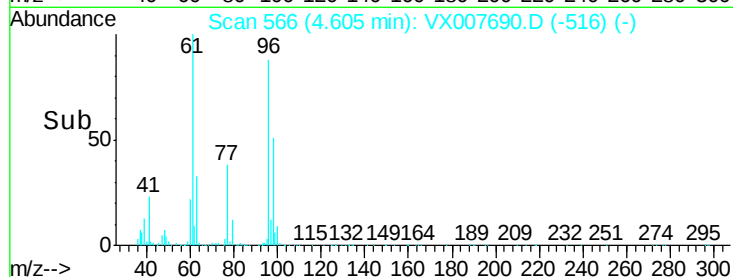
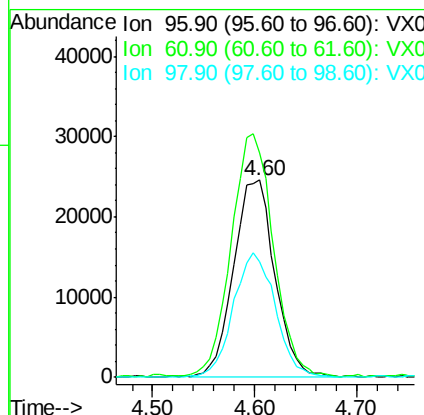
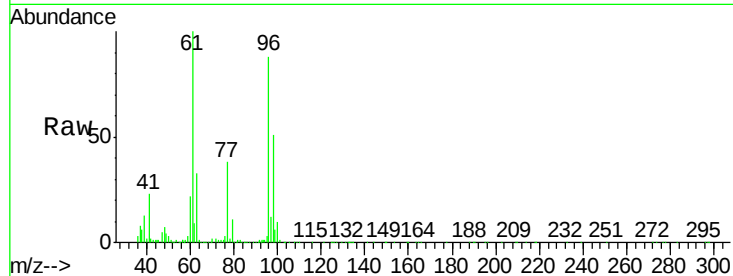


#27

cis-1,2-Dichloroethene
Concen: 22.764 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

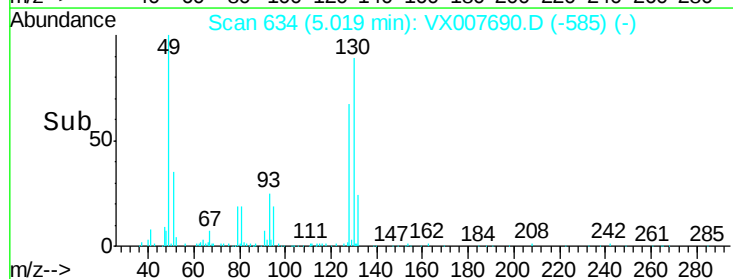
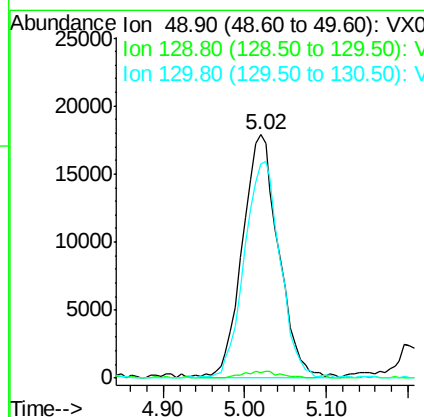
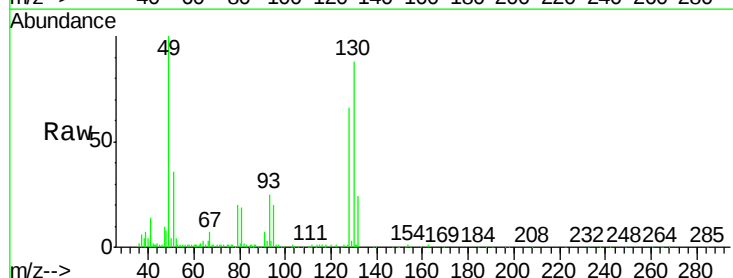
Tot Ion: 96 Resp: 69345
Ion Ratio Lower Upper
96 100
61 125.0 0.0 265.6
98 64.1 0.0 131.6

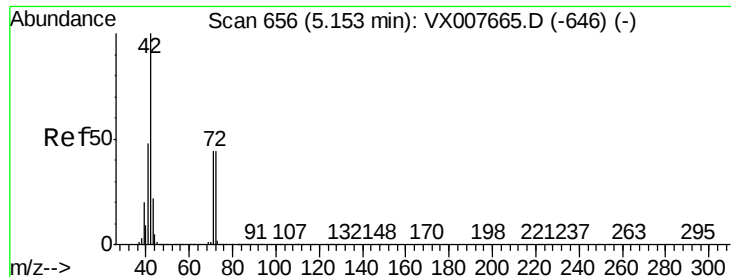


#28

Bromochloromethane
Concen: 24.660 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion: 49 Resp: 55305
Ion Ratio Lower Upper
49 100
129 3.0 0.0 5.6
130 88.1 75.6 113.4





#29

Tetrahydrofuran

Concen: 120.248 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

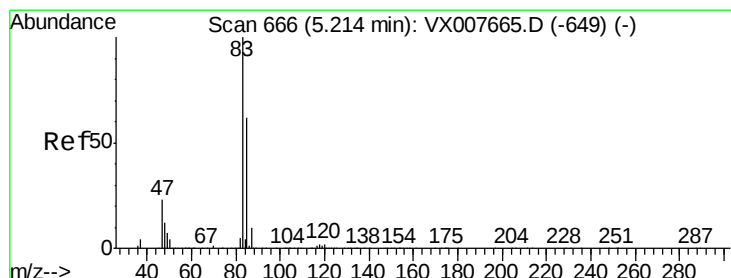
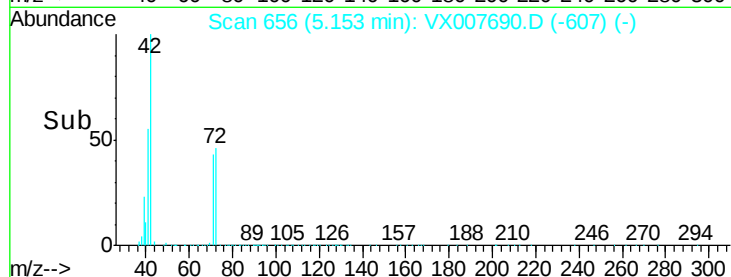
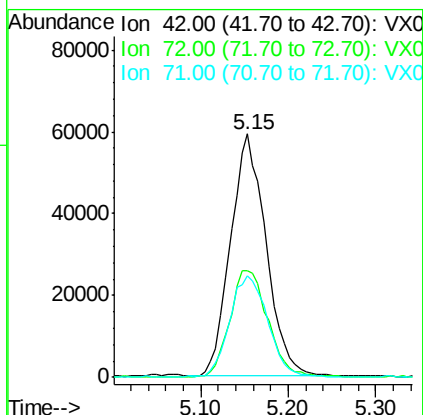
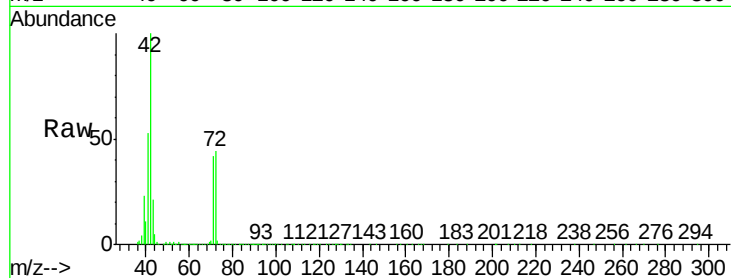
Tot Ion: 42 Resp: 167442

Ion Ratio Lower Upper

42 100

72 47.3 37.6 56.4

71 45.3 34.6 51.8



#30

Chloroform

Concen: 22.645 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007690.D

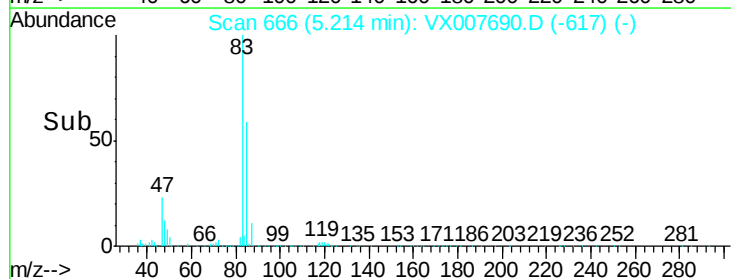
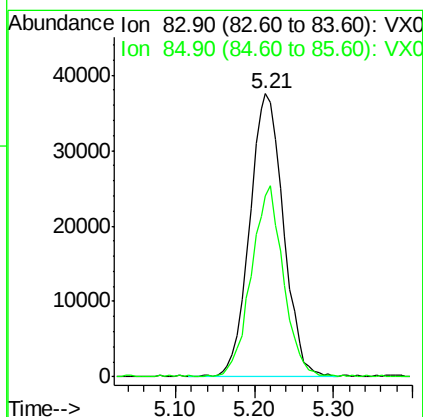
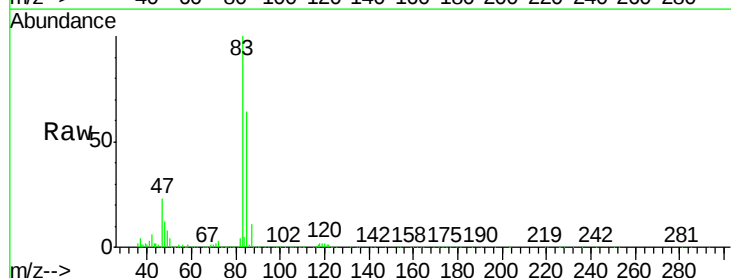
Acq: 26 Feb 2019 02:55

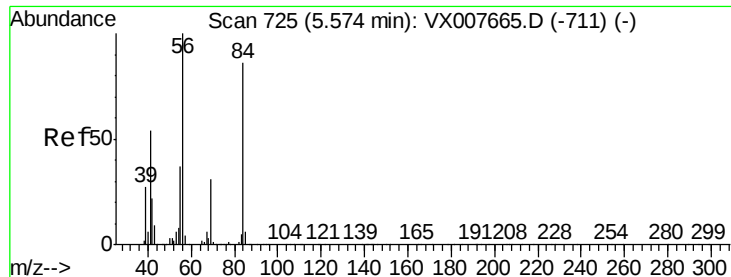
Tgt Ion: 83 Resp: 111746

Ion Ratio Lower Upper

83 100

85 63.8 51.6 77.4





#31

Cyclohexane

Concen: 14.708 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

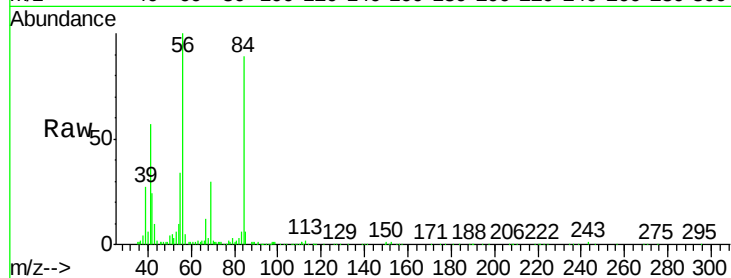
Tot Ion: 56 Resp: 63736

Ion Ratio Lower Upper

56 100

69 28.8 23.0 34.6

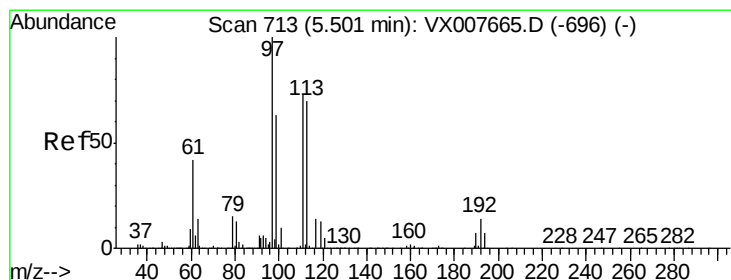
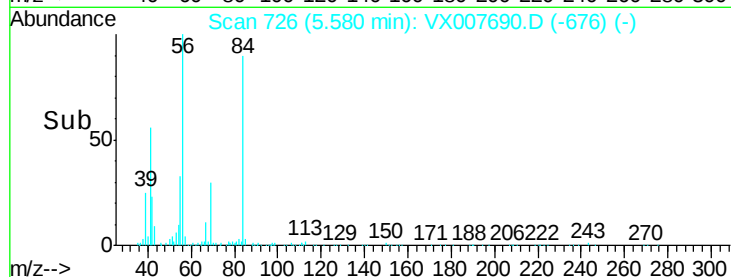
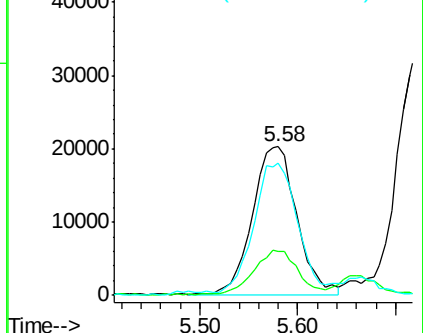
84 87.2 69.8 104.6



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: 19.112 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

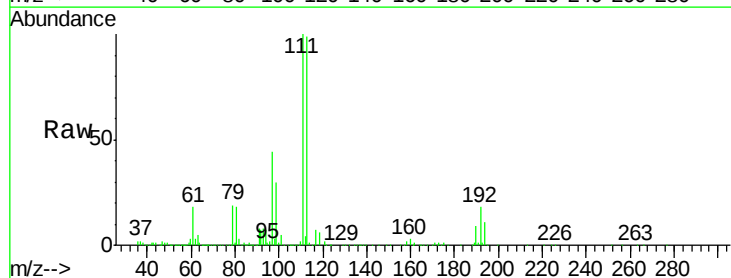
Tgt Ion: 97 Resp: 77998

Ion Ratio Lower Upper

97 100

99 64.2 52.2 78.2

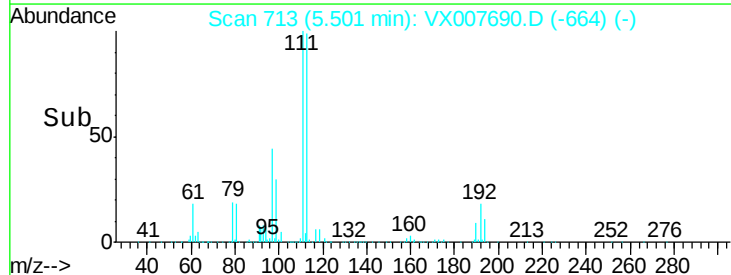
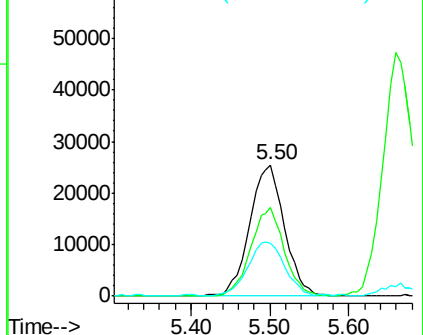
61 44.0 32.7 49.1

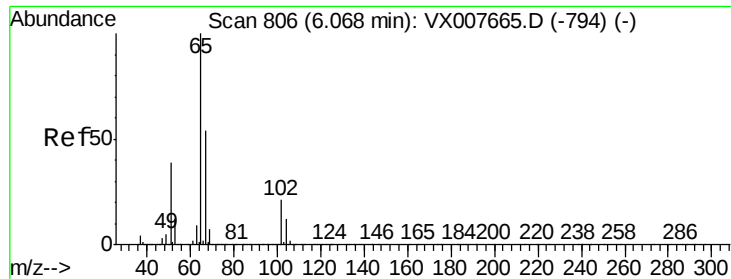


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 60.550 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

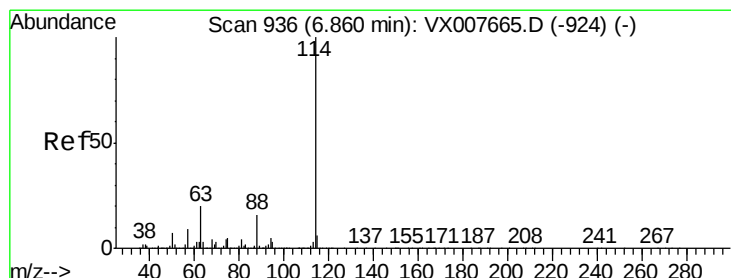
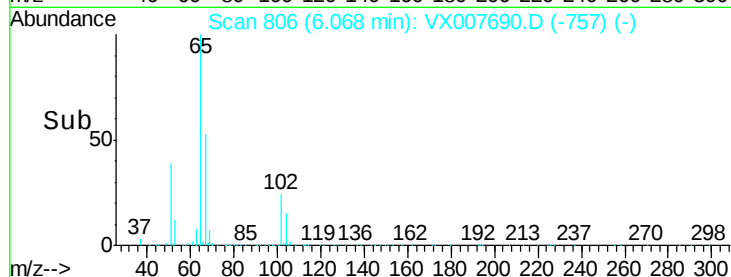
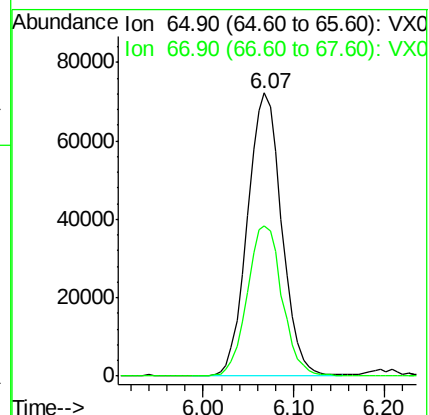
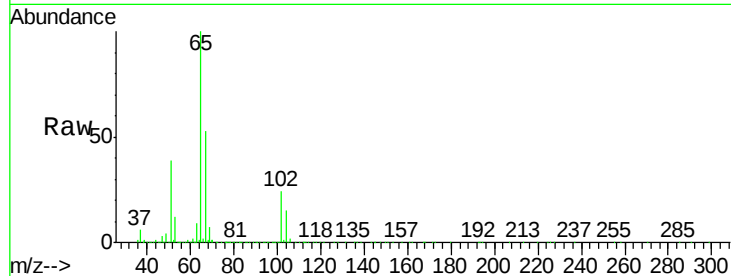
VX0225WBSD02

Tot Ion: 65 Resp: 188823

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

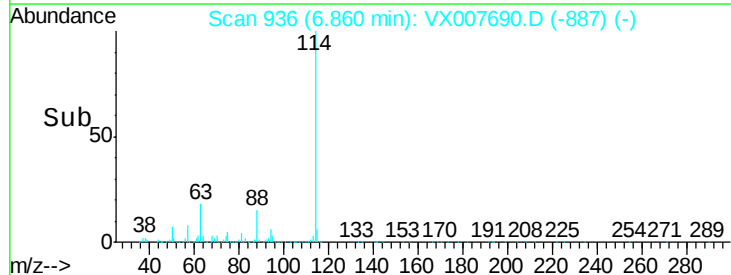
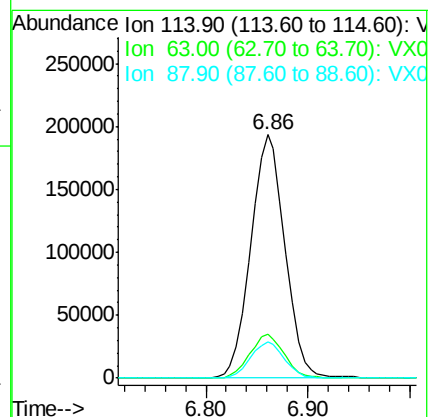
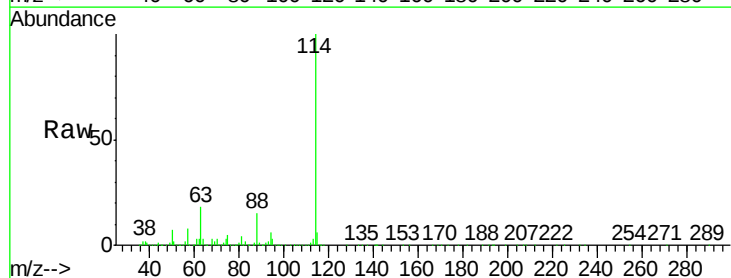
Tgt Ion: 114 Resp: 448938

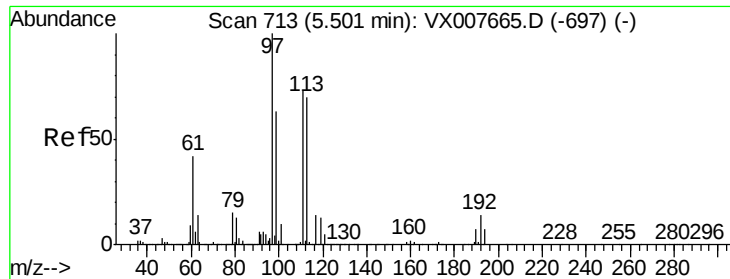
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

88 14.9 0.0 29.6

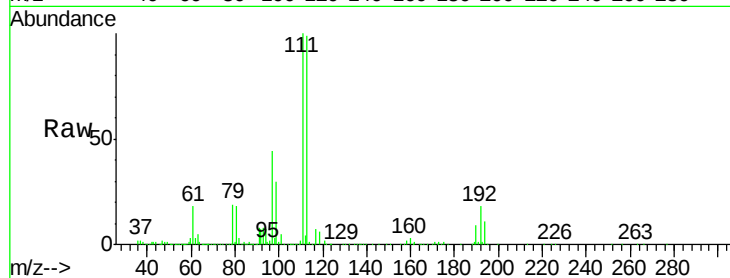




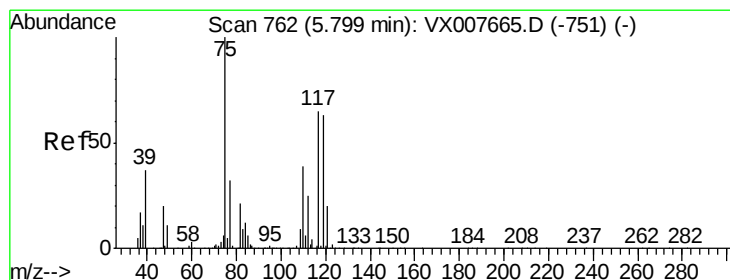
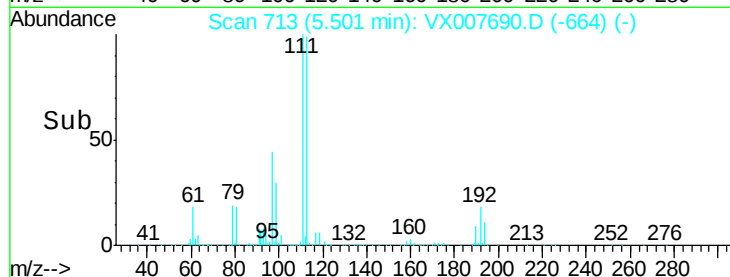
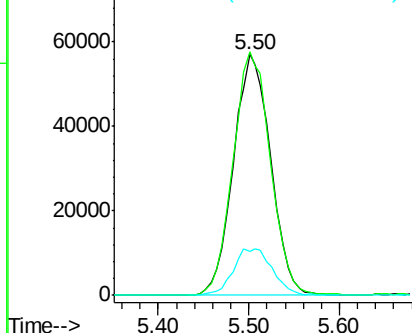
#35
 Dibromofluoromethane
 Concen: 54.194 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.8
192	20.5	18.5	27.7

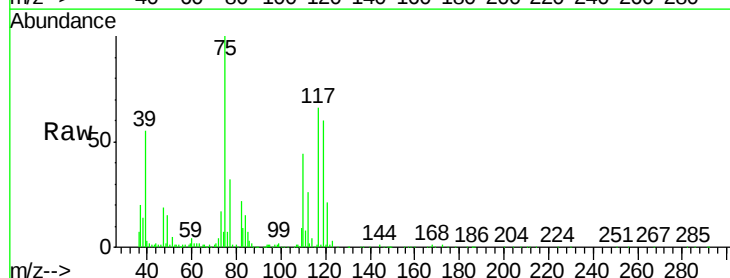


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

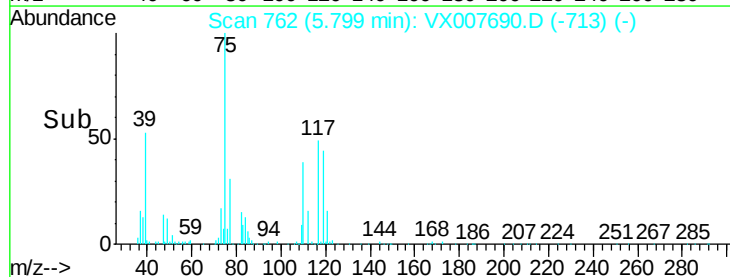
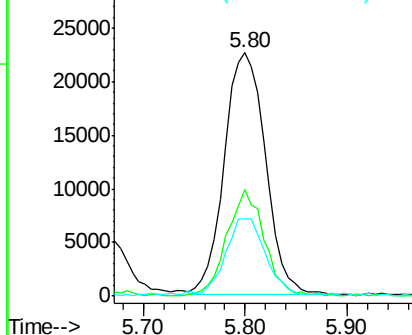


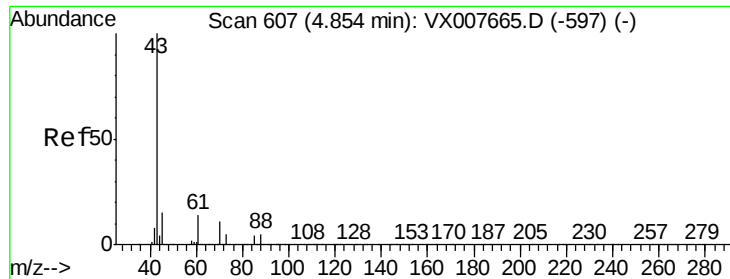
#36
 1,1-Dichloropropene
 Concen: 15.669 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.9	20.0	59.9
77	30.9	24.7	37.1



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

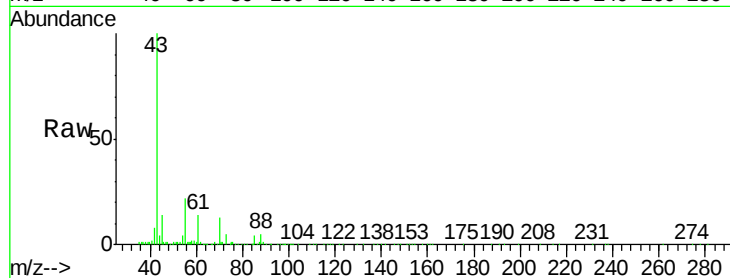




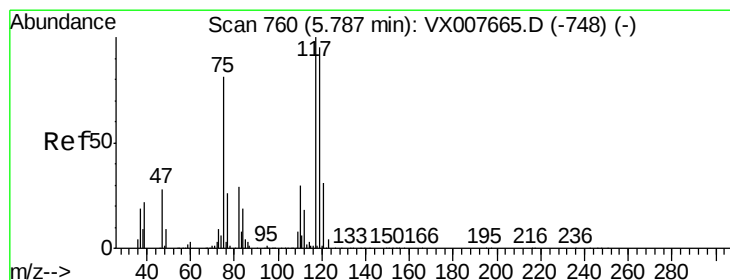
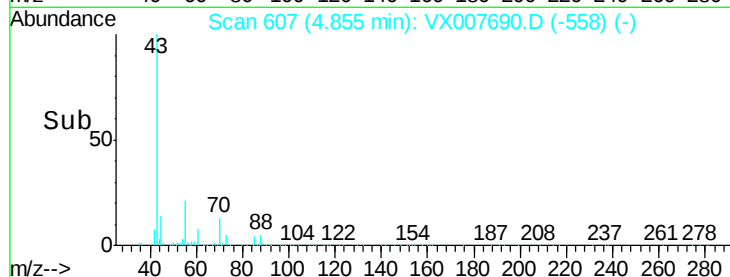
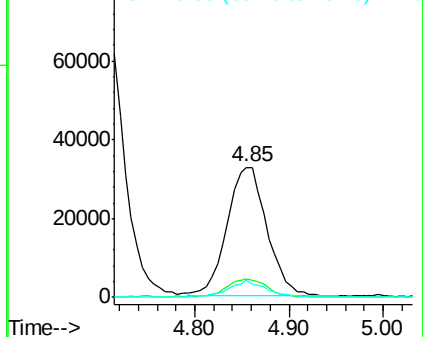
#37
Ethyl Acetate
Concen: 21.639 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion: 43 Resp: 97019
Ion Ratio Lower Upper
43 100
61 13.8 11.3 16.9
70 12.1 8.6 13.0

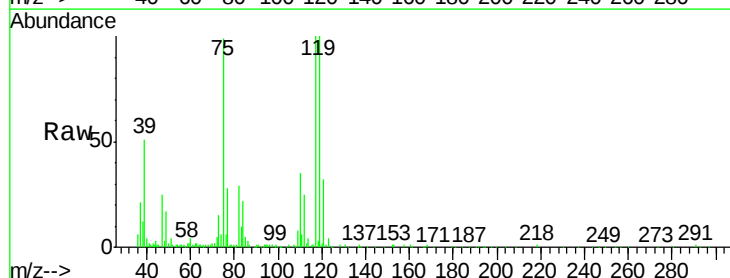


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

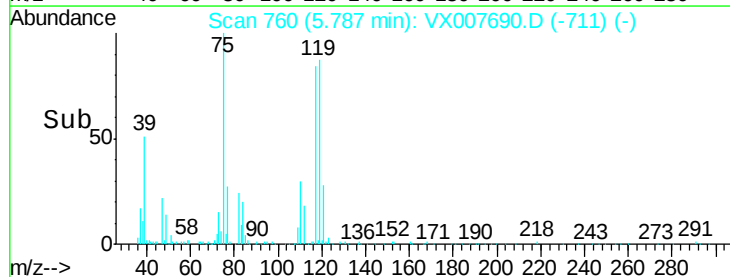
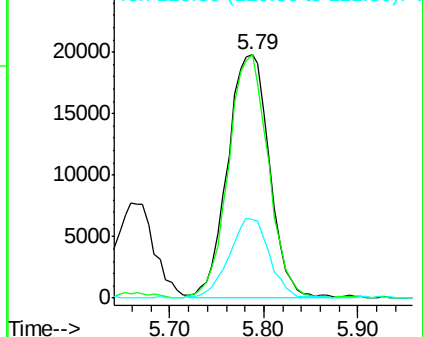


#38
Carbon Tetrachloride
Concen: 15.016 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion: 117 Resp: 60881
Ion Ratio Lower Upper
117 100
119 99.5 75.3 112.9
121 31.9 25.0 37.4



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

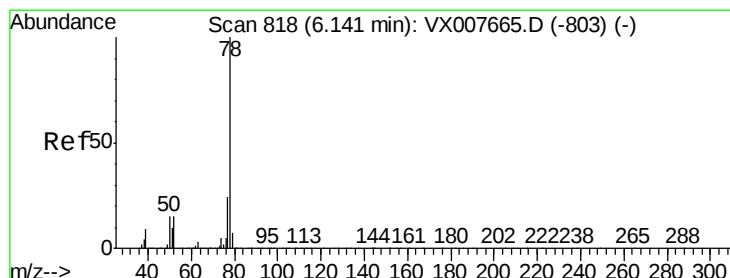
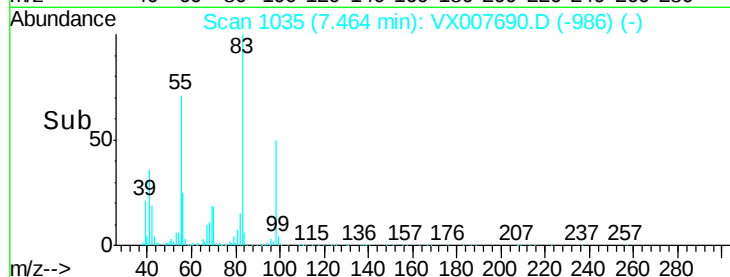
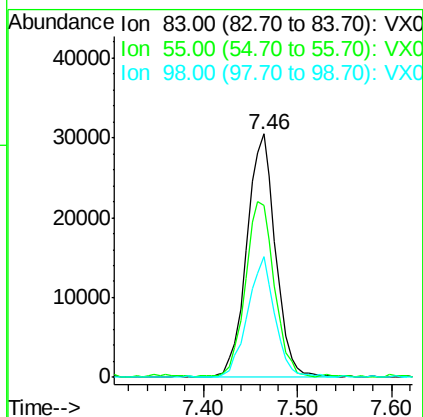
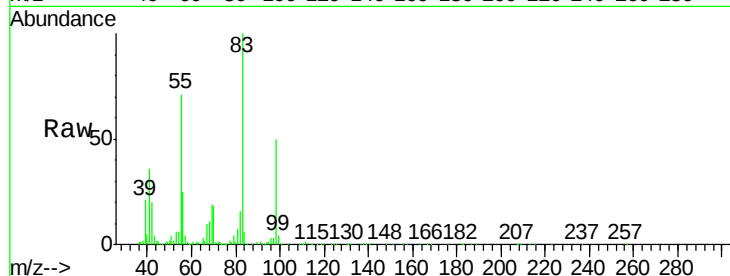




#39
Methvlcvclohexane
Concen: 12.811 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

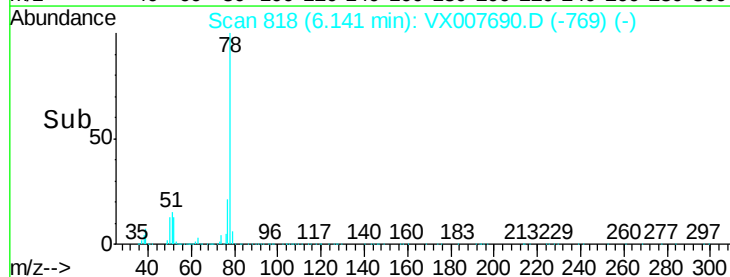
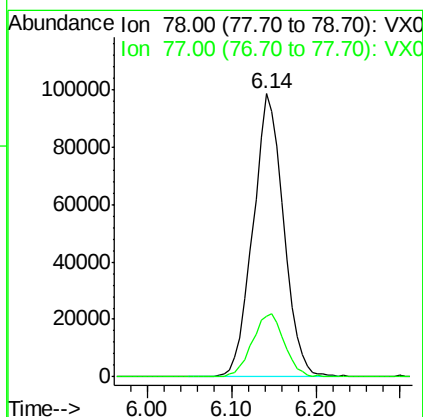
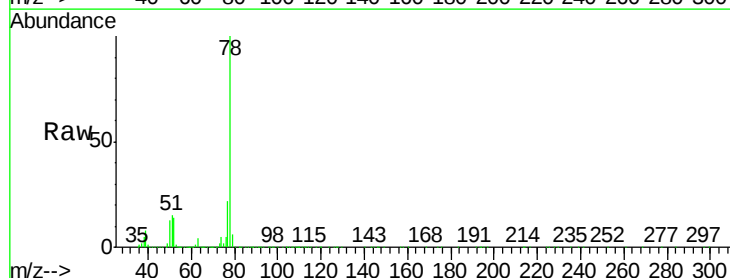
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

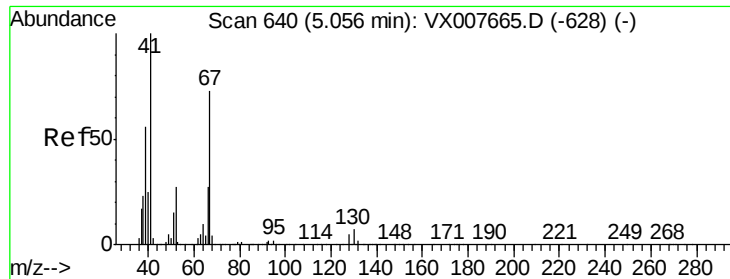
Tot Ion	83	Resp	65352
Ion Ratio	Lower	Upper	
83	100		
55	70.2	56.2	84.2
98	49.3	36.8	55.2



#40
Benzene
Concen: 19.643 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion	78	Resp	244738
Ion Ratio	Lower	Upper	
78	100		
77	21.4	19.3	28.9

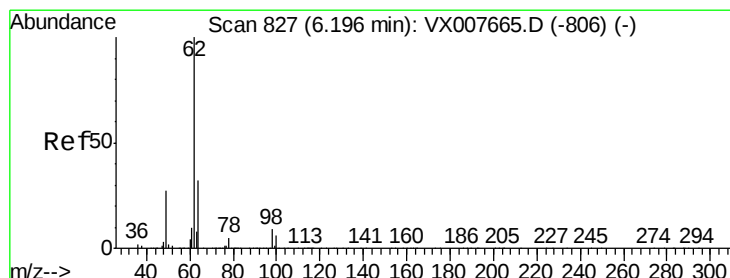
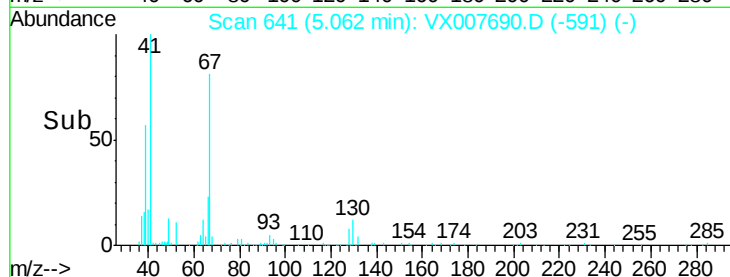
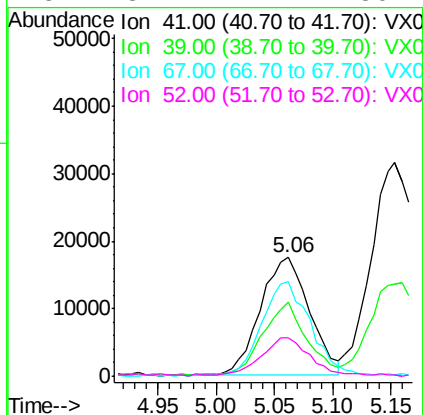
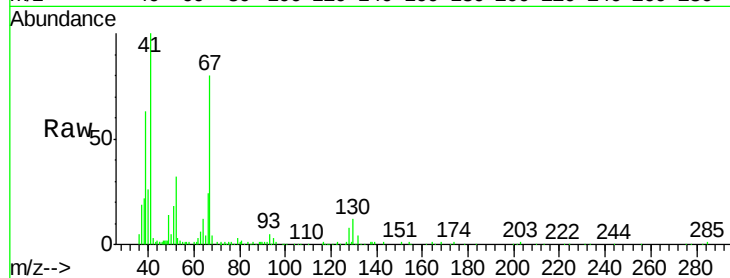




#41
Methacrylonitrile
Concen: 21.342 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

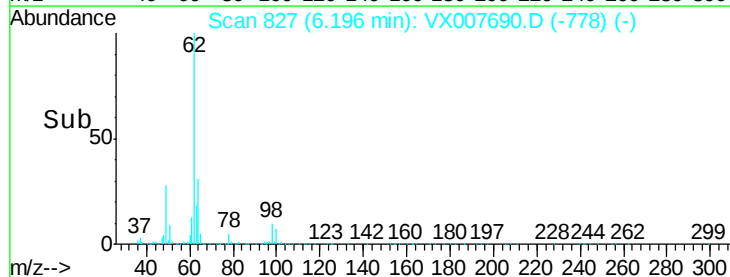
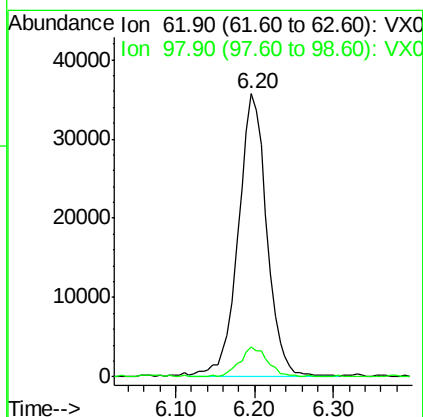
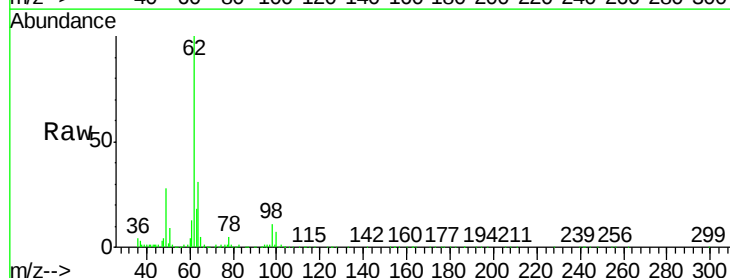
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

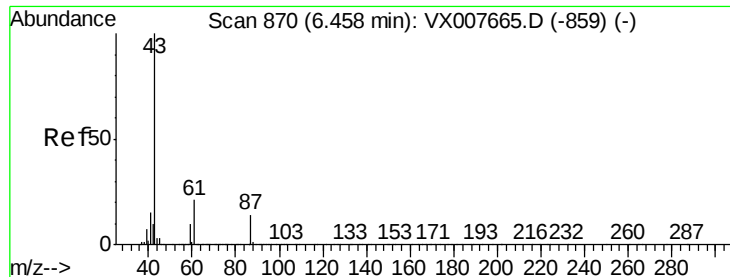
Tot Ion:	41	Resp:	51095
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.5	66.7
67	78.0	60.4	90.6
52	31.2	24.1	36.1



#42
1,2-Dichloroethane
Concen: 21.191 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion:	62	Resp:	88742
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.0





#43

Isopropyl Acetate

Concen: 21.409 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

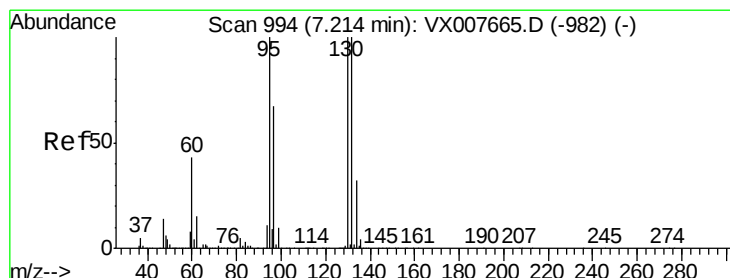
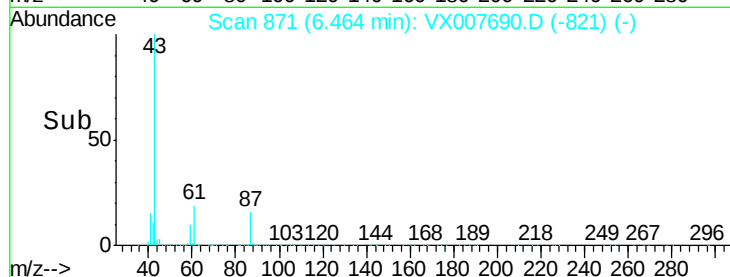
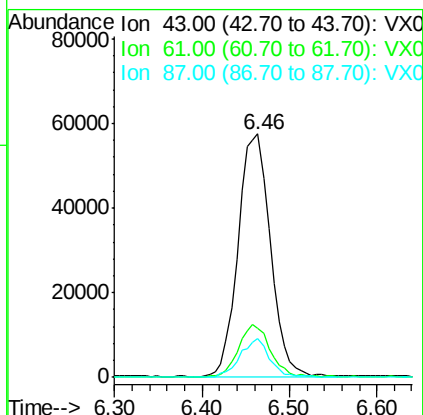
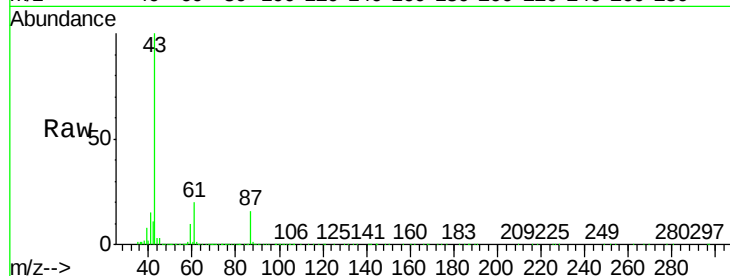
Tot Ion: 43 Resp: 147726

Ion Ratio Lower Upper

43 100

61 21.0 16.1 24.1

87 14.3 11.5 17.3



#44

Trichloroethene

Concen: 18.349 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007690.D

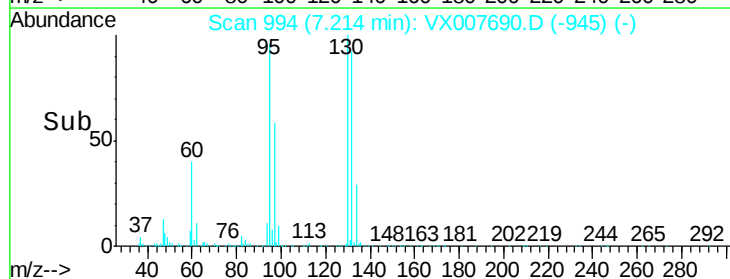
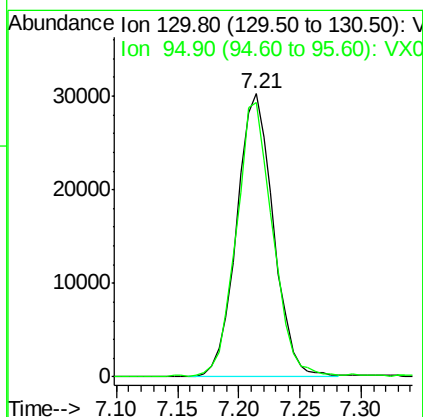
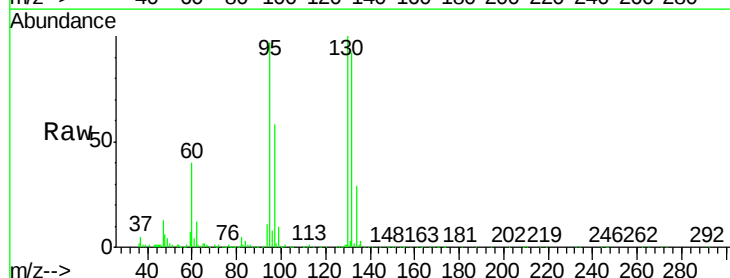
Acq: 26 Feb 2019 02:55

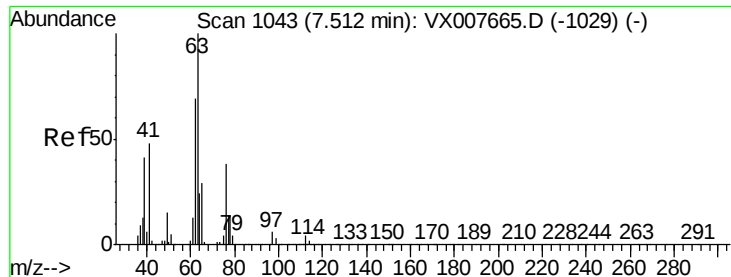
Tgt Ion:130 Resp: 62888

Ion Ratio Lower Upper

130 100

95 96.6 0.0 180.0





#45

1,2-Dichloropropane

Concen: 19.819 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

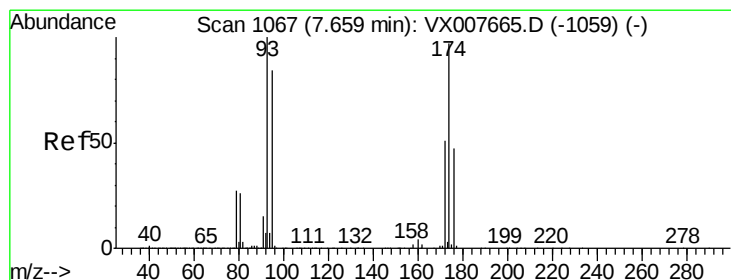
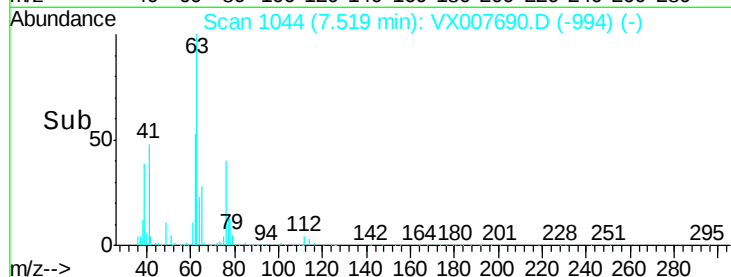
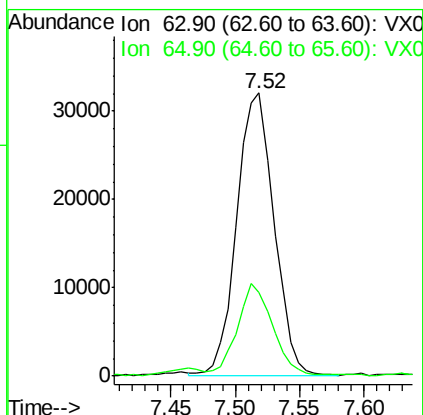
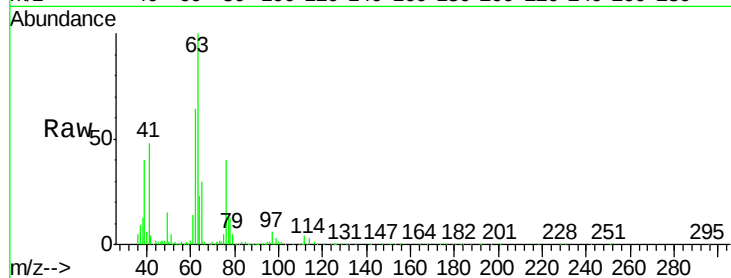
VX0225WBSD02

Tot Ion: 63 Resp: 63965

Ion Ratio Lower Upper

63 100

65 29.4 24.2 36.2



#46

Dibromomethane

Concen: 20.503 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

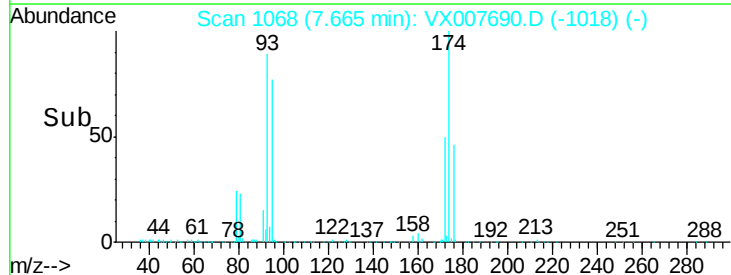
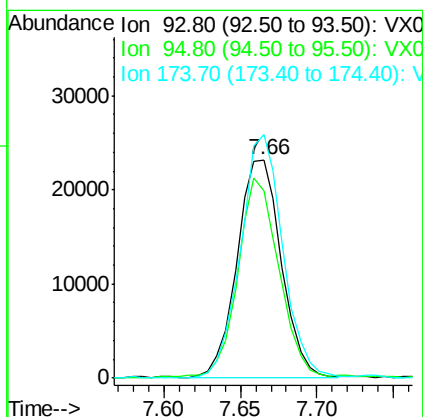
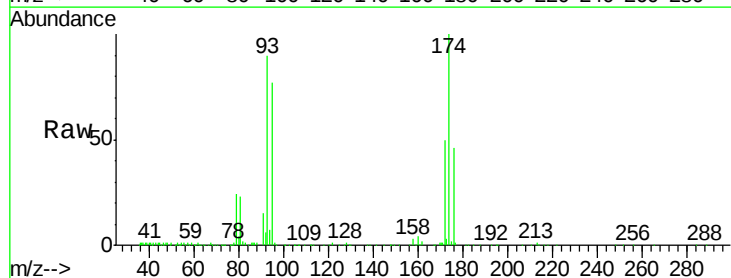
Tgt Ion: 93 Resp: 46165

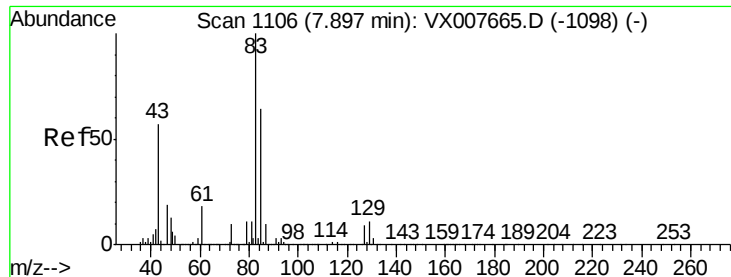
Ion Ratio Lower Upper

93 100

95 87.2 67.6 101.4

174 107.8 94.2 141.4





#47

Bromodichloromethane

Concen: 20.394 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

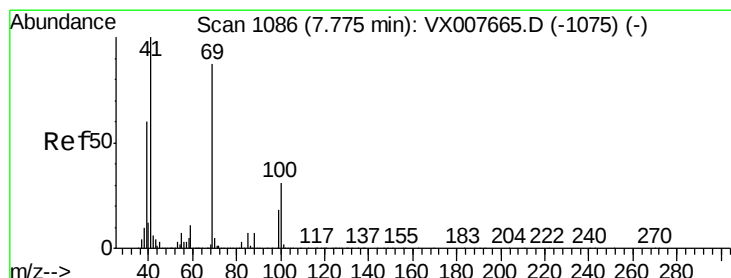
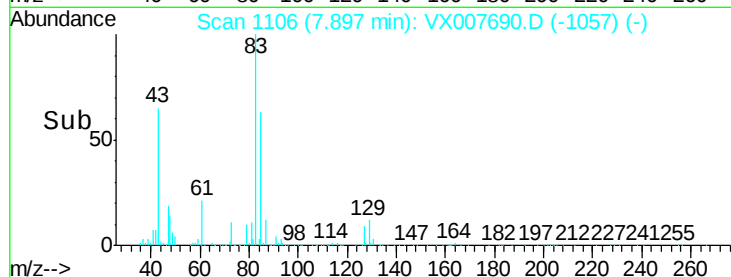
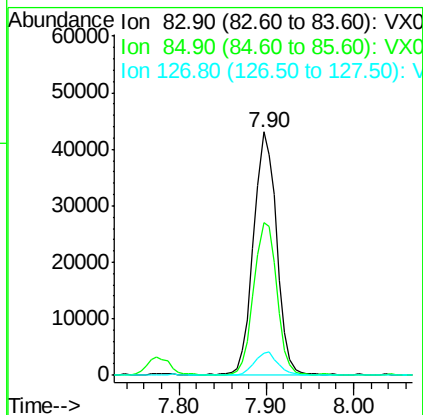
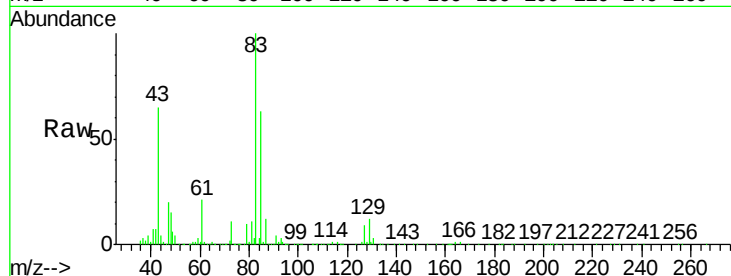
Tot Ion: 83 Resp: 79575

Ion Ratio Lower Upper

83 100

85 62.5 51.4 77.0

127 8.9 8.1 12.1



#48

Methyl methacrylate

Concen: 20.602 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

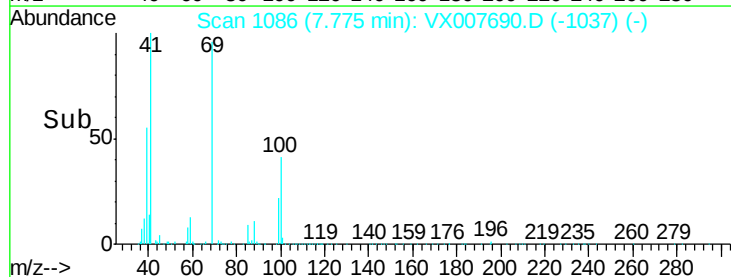
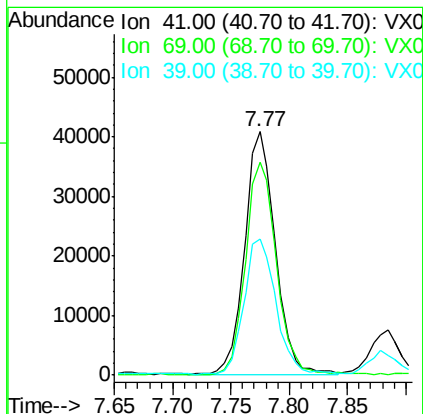
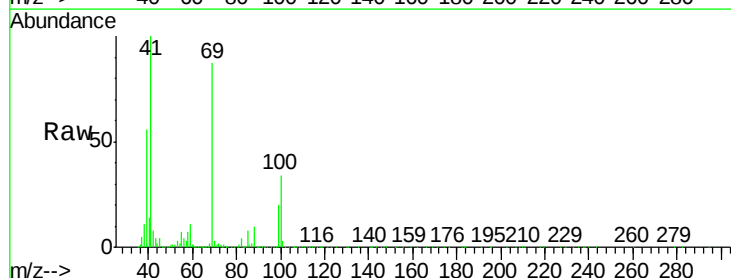
Tgt Ion: 41 Resp: 74518

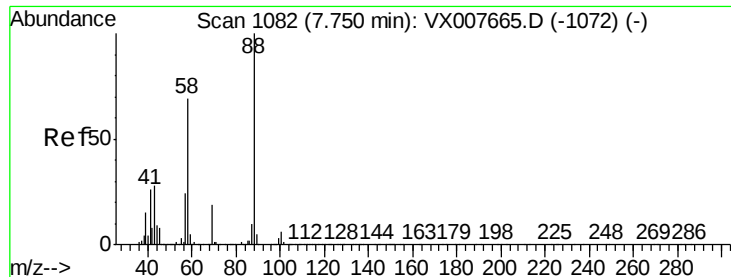
Ion Ratio Lower Upper

41 100

69 89.9 70.2 105.4

39 58.5 47.4 71.0





#49

1,4-Dioxane

Concen: 453.908 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

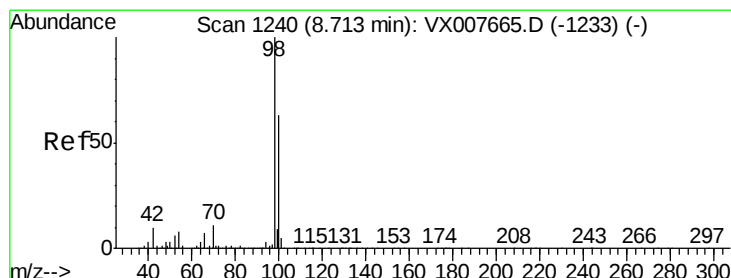
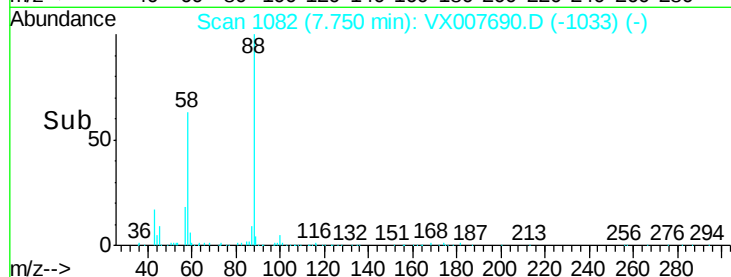
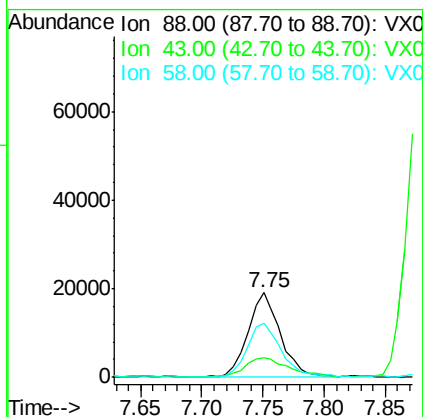
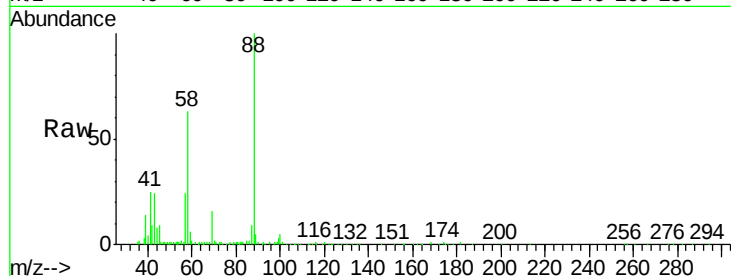
Tot Ion: 88 Resp: 35460

Ion Ratio Lower Upper

88 100

43 32.6 24.2 36.4

58 66.1 53.0 79.4



#50

Toluene-d8

Concen: 47.983 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007690.D

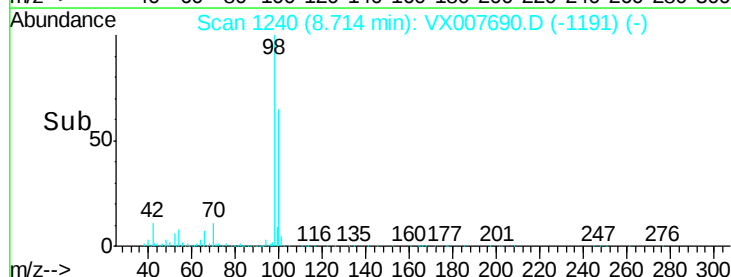
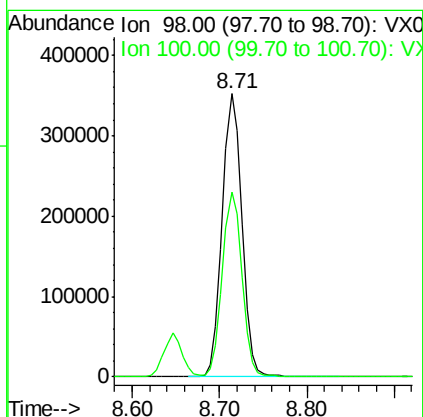
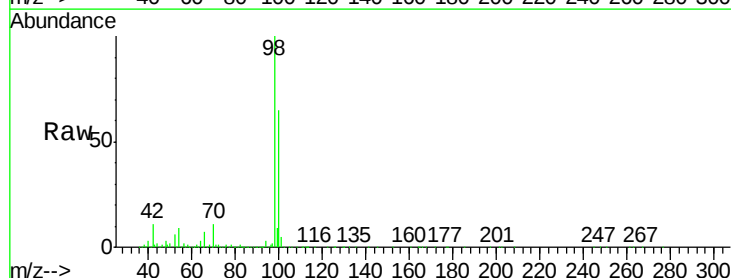
Acq: 26 Feb 2019 02:55

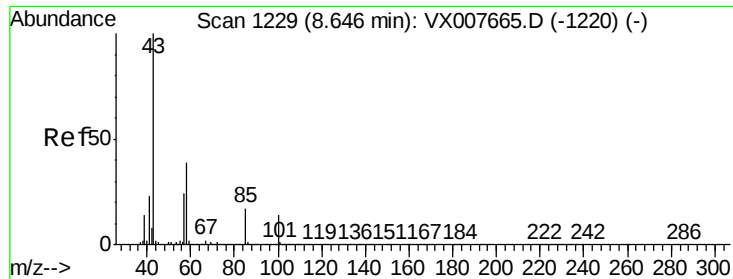
Tgt Ion: 98 Resp: 551277

Ion Ratio Lower Upper

98 100

100 65.5 51.6 77.4

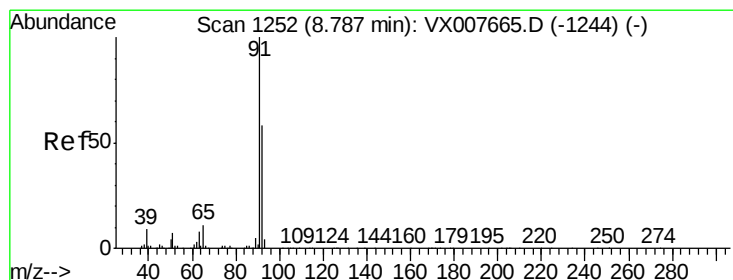
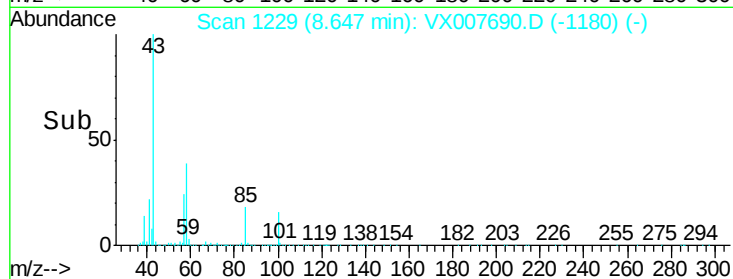
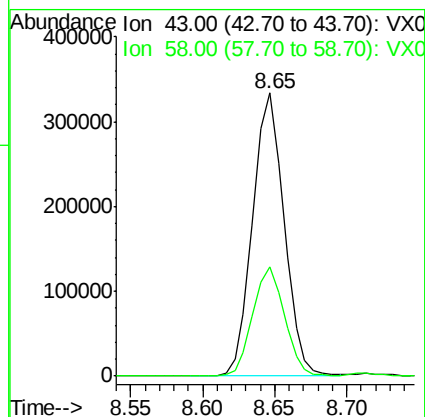
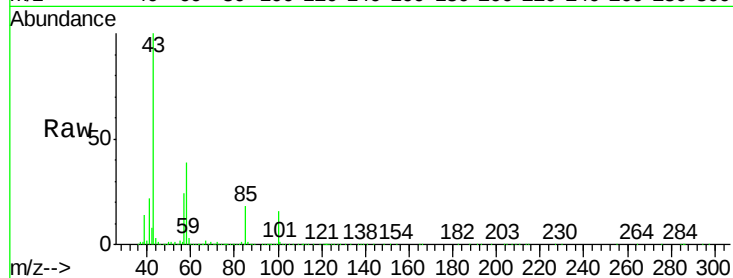




#51
 4-Methyl-2-Pentanone
 Concen: 109.103 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

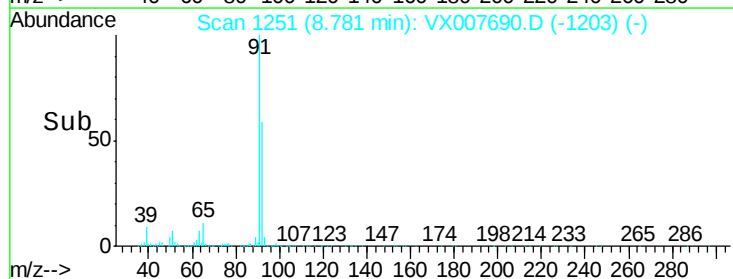
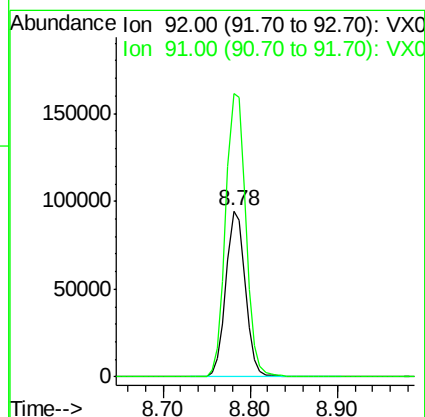
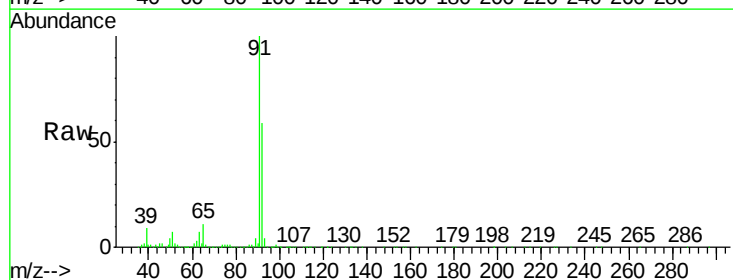
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

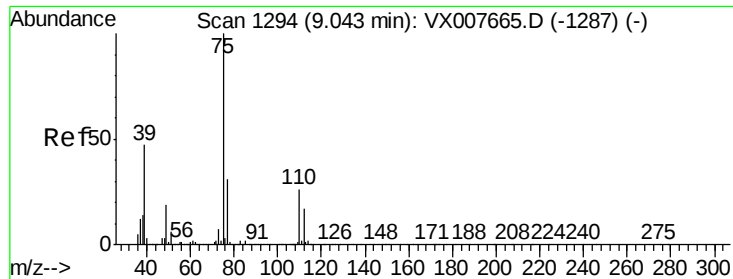
Tot Ion: 43 Resp: 503937
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.2 46.8



#52
 Toluene
 Concen: 18.586 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Tgt Ion: 92 Resp: 146023
 Ion Ratio Lower Upper
 92 100
 91 176.0 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.736 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

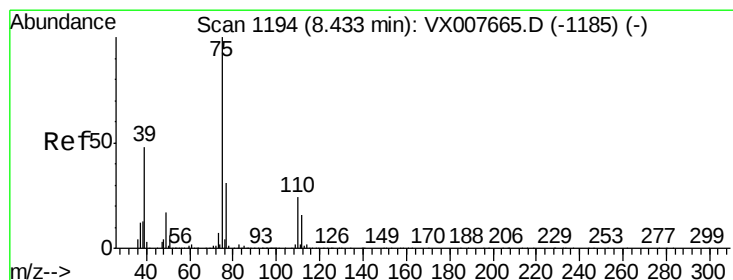
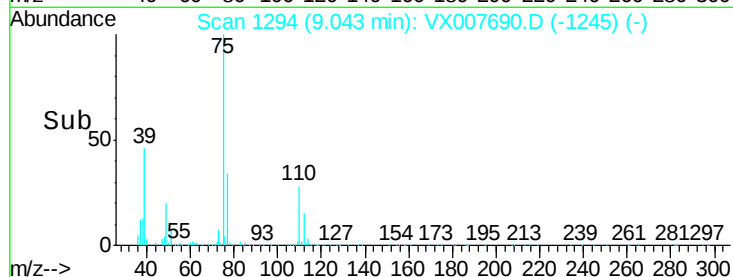
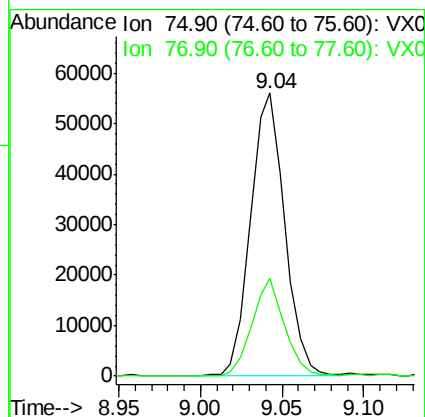
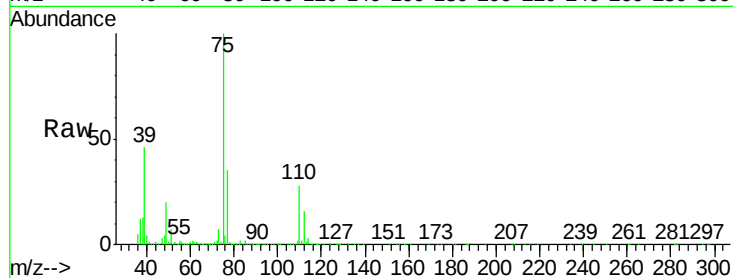
VX0225WBSD02

Tot Ion: 75 Resp: 81883

Ion Ratio Lower Upper

75 100

77 34.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.531 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

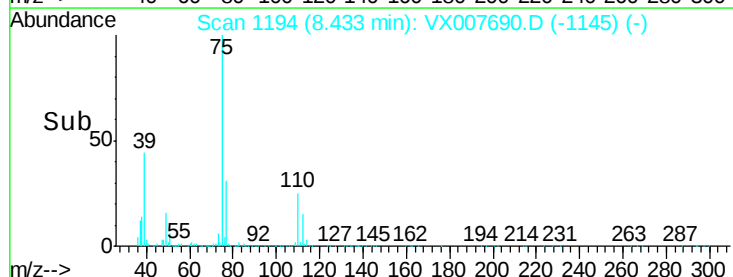
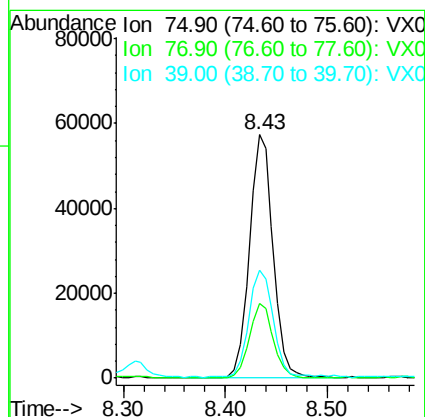
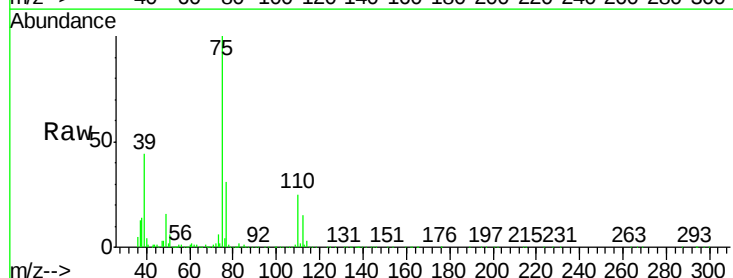
Tgt Ion: 75 Resp: 92480

Ion Ratio Lower Upper

75 100

77 30.6 26.2 39.4

39 43.6 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 21.876 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 97 Resp: 71670

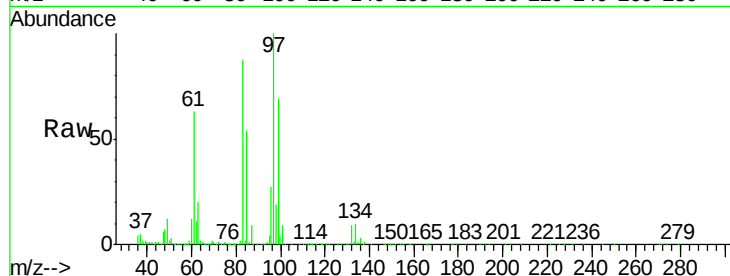
Ion Ratio Lower Upper

97 100

83 86.8 68.6 102.8

85 54.1 44.5 66.7

99 68.8 52.2 78.4

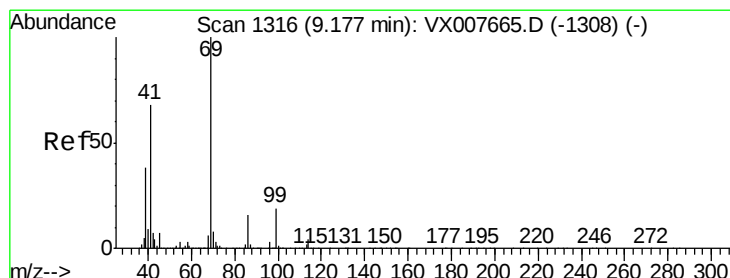
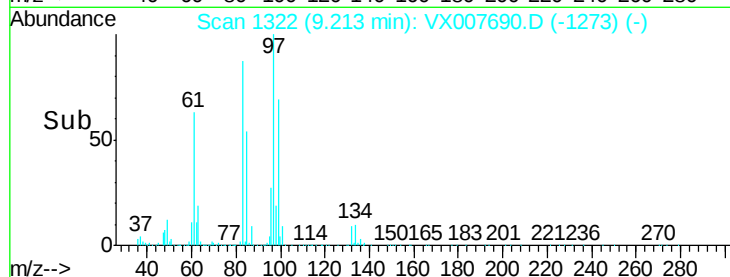
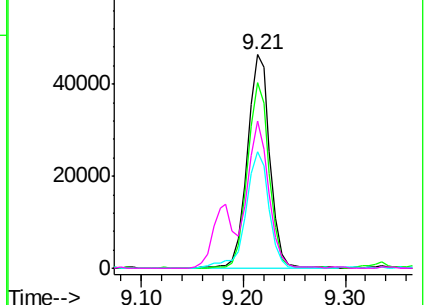


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 21.464 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

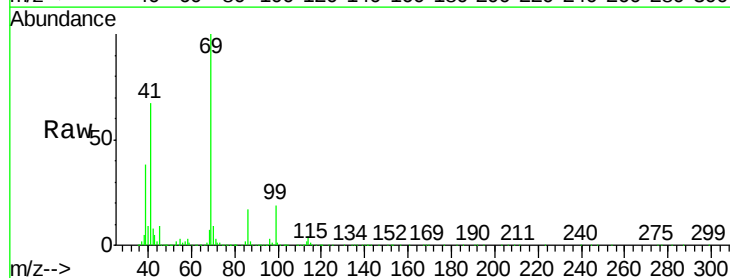
Tgt Ion: 69 Resp: 100003

Ion Ratio Lower Upper

69 100

41 64.0 52.1 78.1

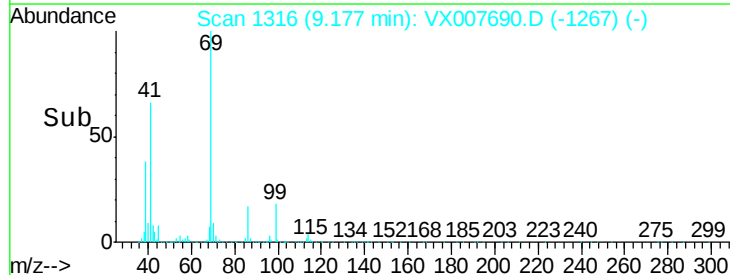
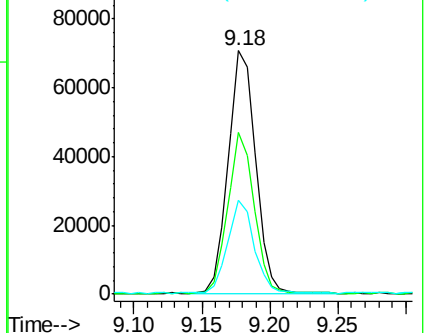
39 36.5 30.1 45.1

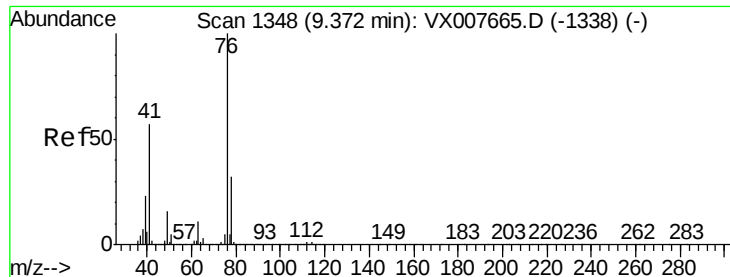


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.554 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

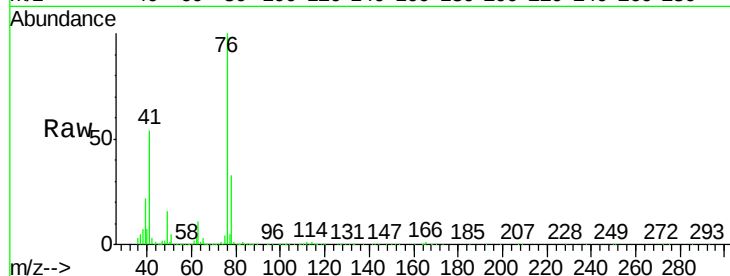
VX0225WBSD02

Tot Ion: 76 Resp: 113041

Ion Ratio Lower Upper

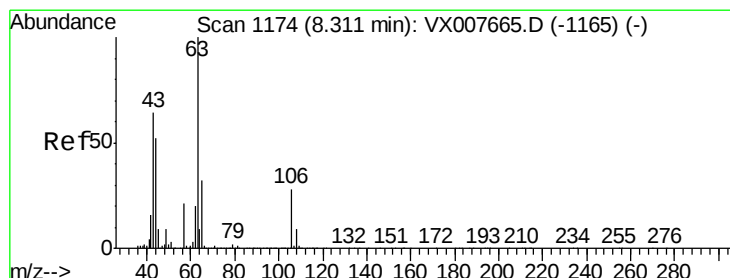
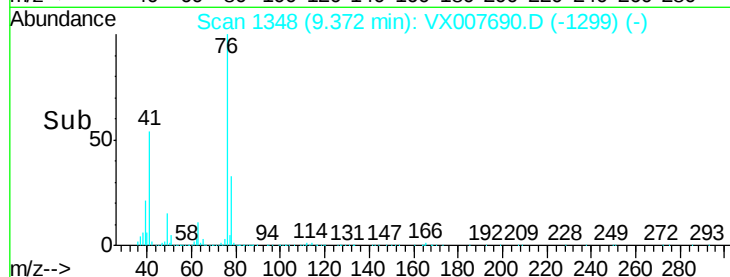
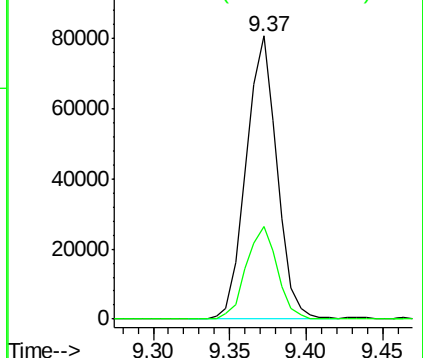
76 100

78 32.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 103.709 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007690.D

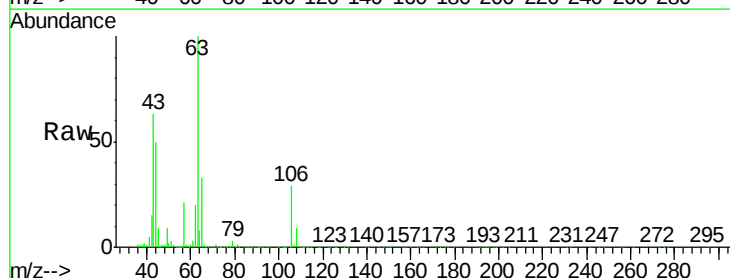
Acq: 26 Feb 2019 02:55

Tgt Ion: 63 Resp: 266452

Ion Ratio Lower Upper

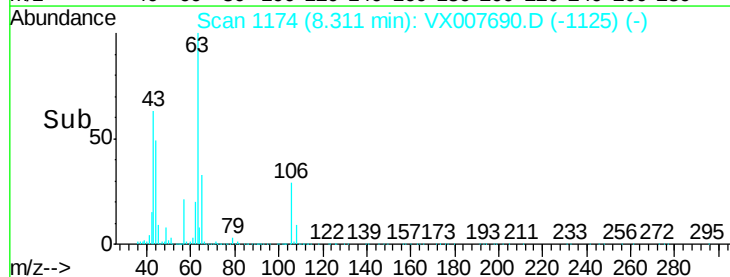
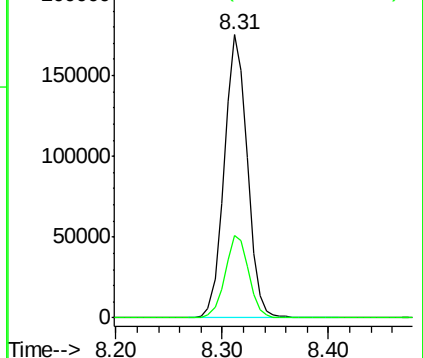
63 100

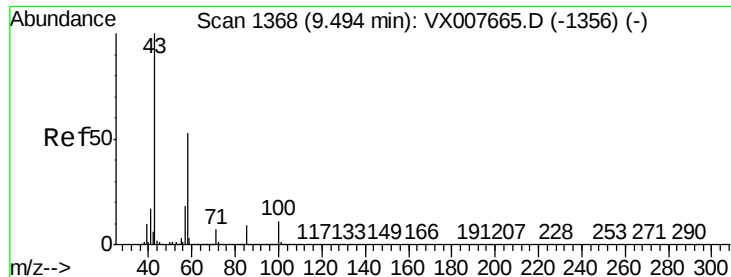
106 29.8 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

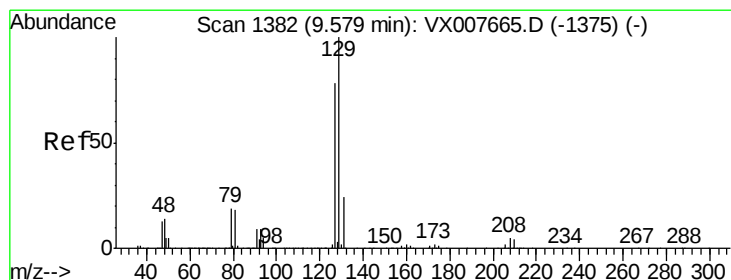
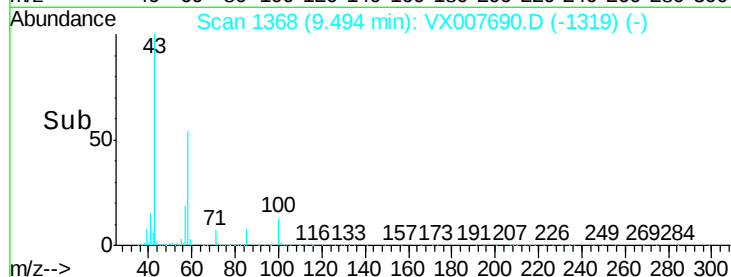
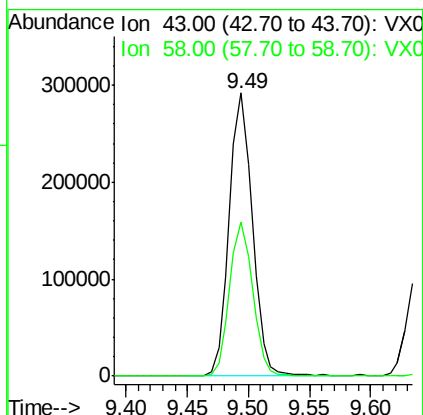
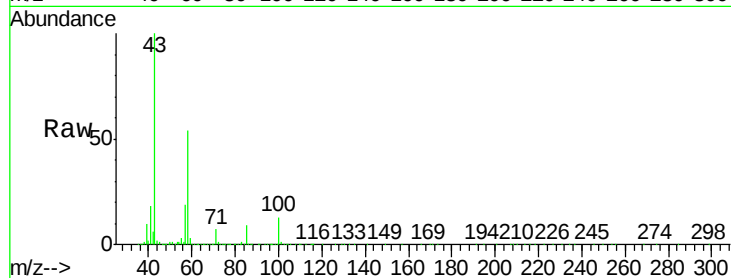




#59
2-Hexanone
Concen: 105.534 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

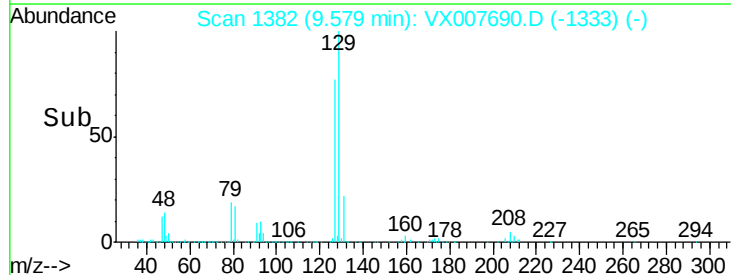
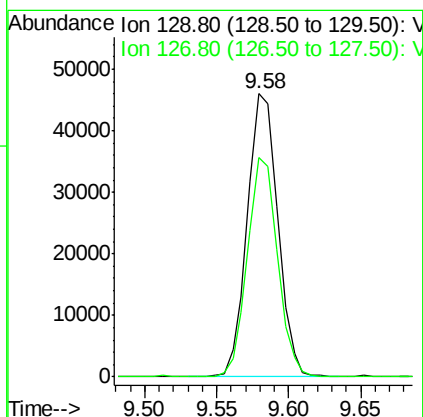
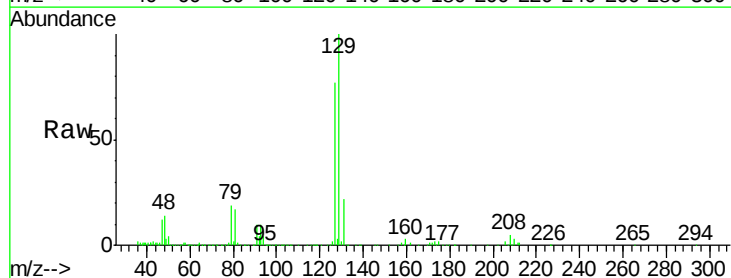
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

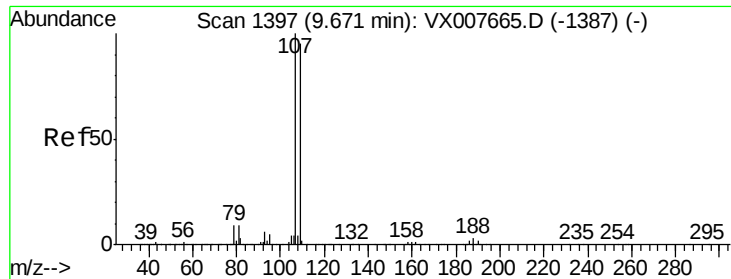
Tot Ion: 43 Resp: 382693
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.3



#60
Dibromochloromethane
Concen: 21.447 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion: 129 Resp: 67612
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 22.238 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

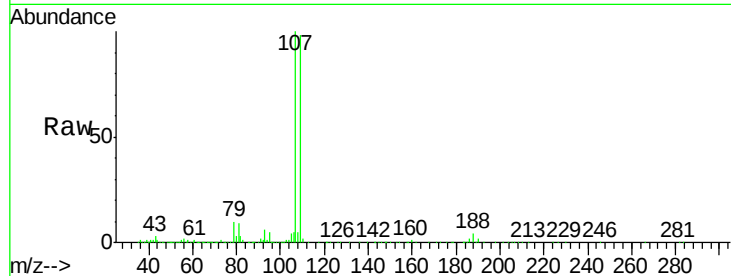
VX0225WBSD02

Tot Ion:107 Resp: 75645

Ion Ratio Lower Upper

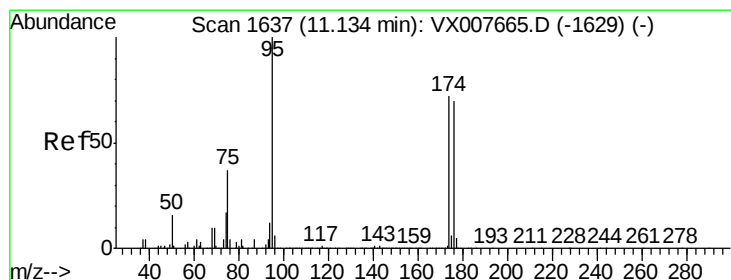
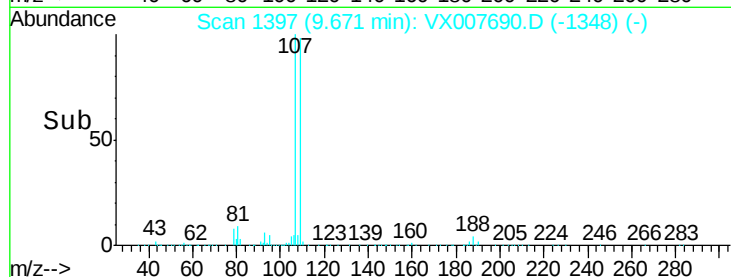
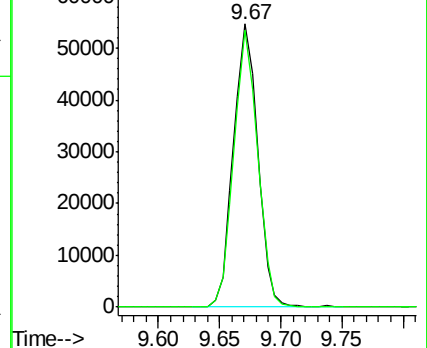
107 100

109 95.8 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.626 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

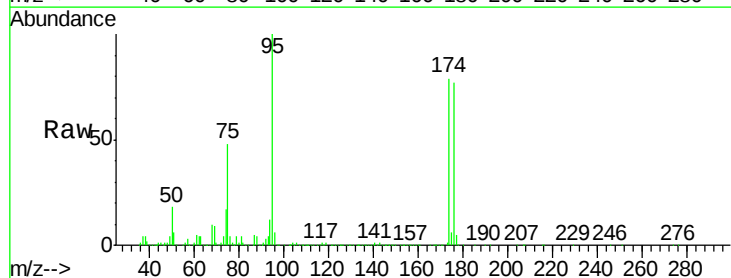
Tgt Ion: 95 Resp: 200833

Ion Ratio Lower Upper

95 100

174 84.6 0.0 189.2

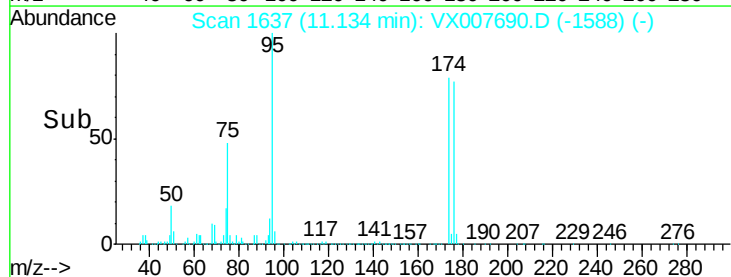
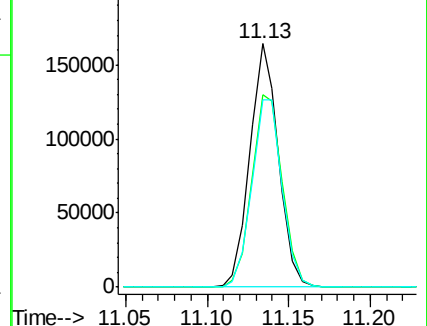
176 82.1 0.0 186.2

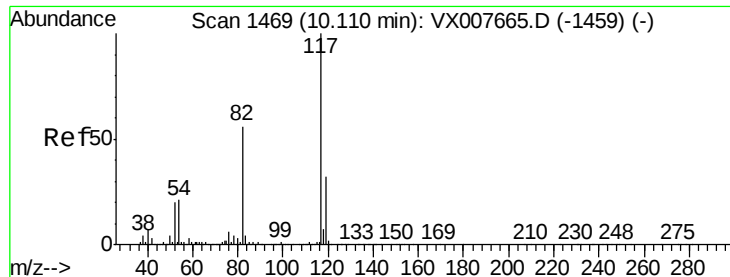


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

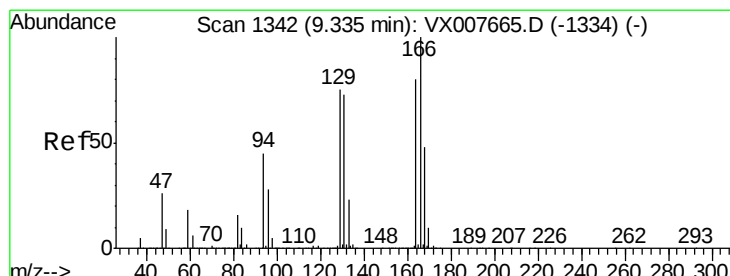
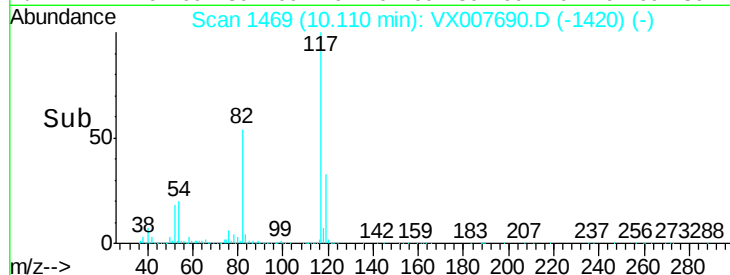
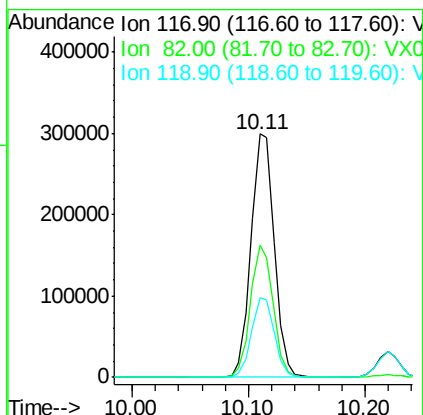
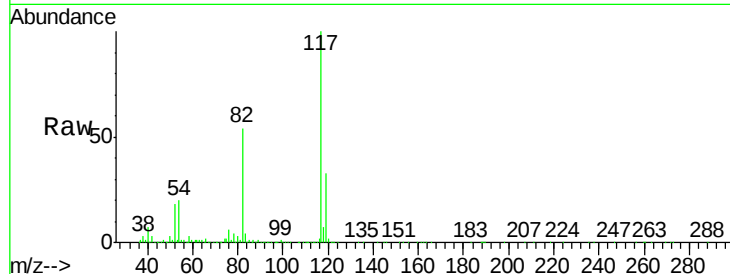




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

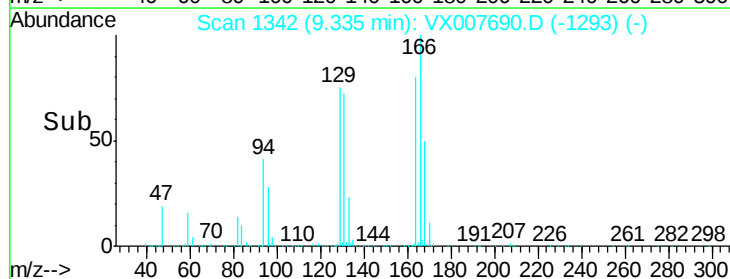
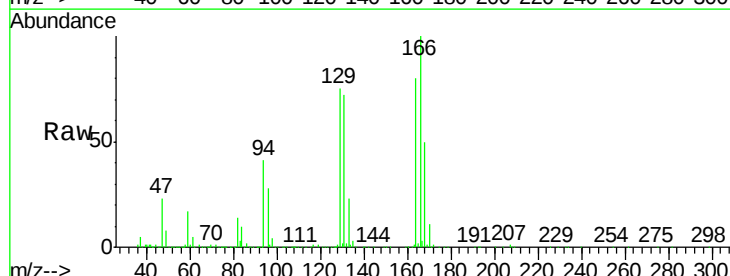
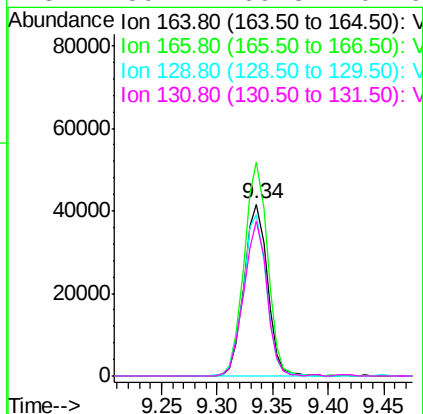
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

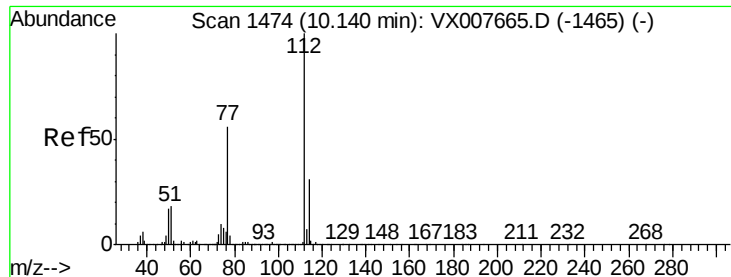
Tot Ion:117 Resp: 419941
Ion Ratio Lower Upper
117 100
82 54.3 42.1 63.1
119 32.8 26.5 39.7



#64
Tetrachloroethene
Concen: 17.929 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion:164 Resp: 61121
Ion Ratio Lower Upper
164 100
166 124.3 101.0 151.4
129 93.7 70.5 105.7
131 89.7 69.8 104.6





#65

Chlorobenzene

Concen: 18.657 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

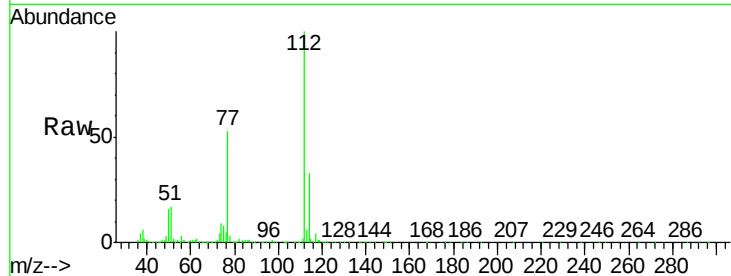
VX0225WBSD02

Tot Ion:112 Resp: 169456

Ion Ratio Lower Upper

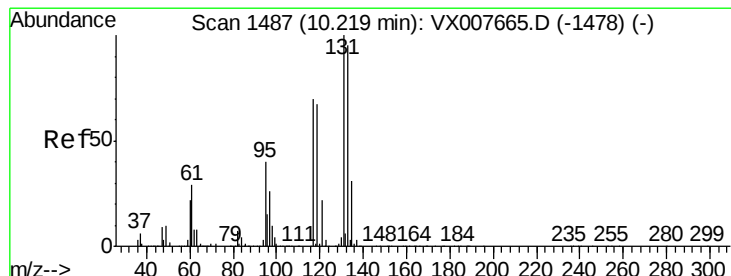
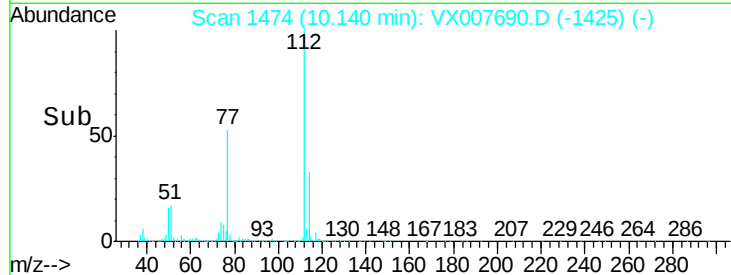
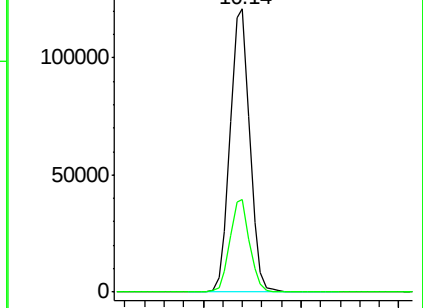
112 100

114 32.9 25.8 38.6



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: 19.784 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

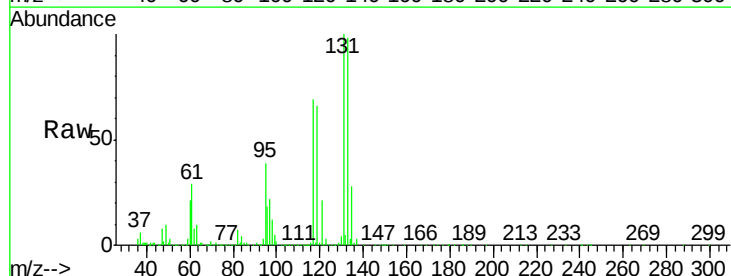
Tgt Ion:131 Resp: 62679

Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.2

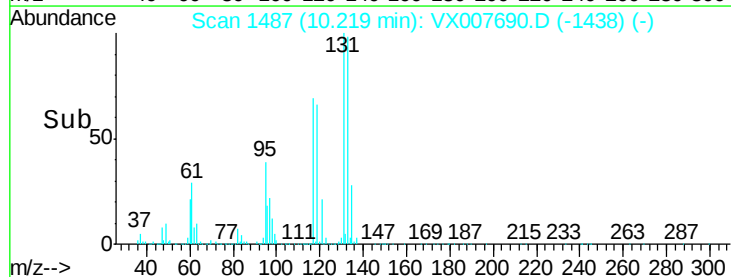
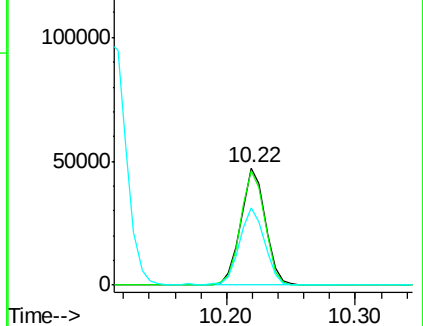
119 67.0 32.0 96.0



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: 17.093 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

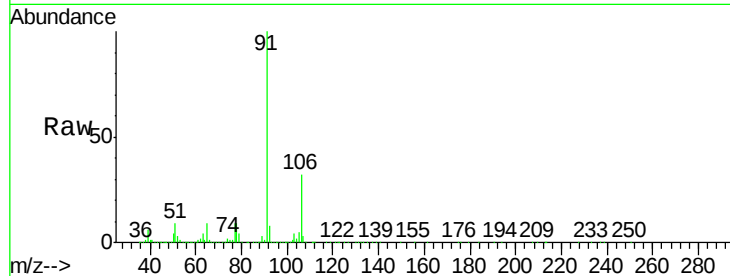
VX0225WBSD02

Tot Ion: 91 Resp: 257173

Ion Ratio Lower Upper

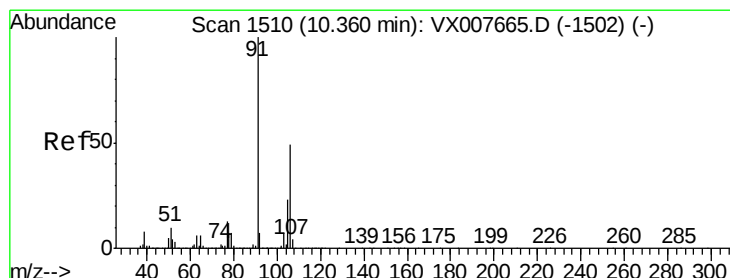
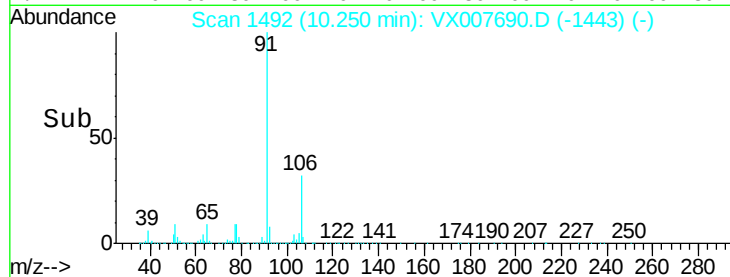
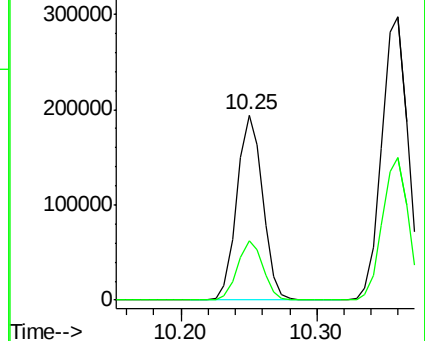
91 100

106 31.7 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 34.118 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007690.D

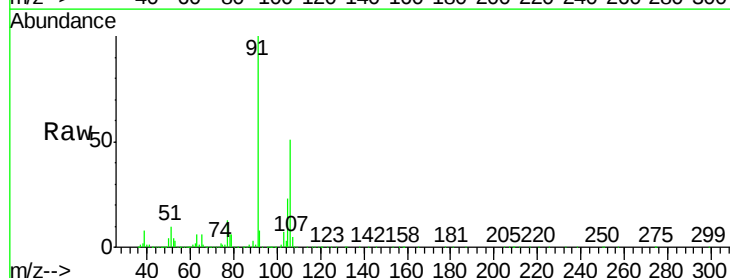
Acq: 26 Feb 2019 02:55

Tgt Ion: 106 Resp: 199699

Ion Ratio Lower Upper

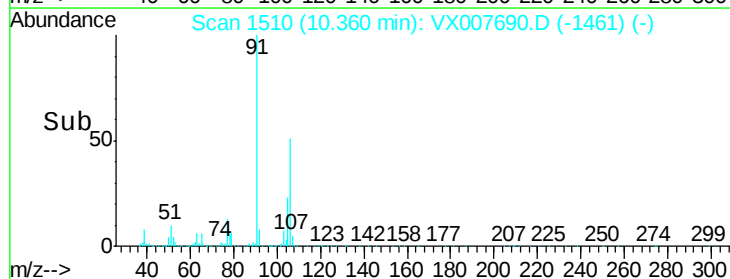
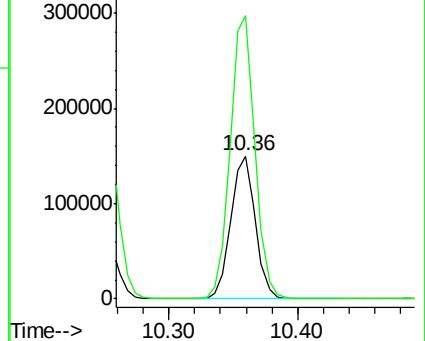
106 100

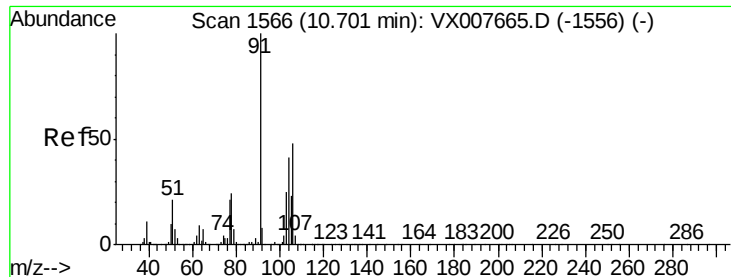
91 200.0 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

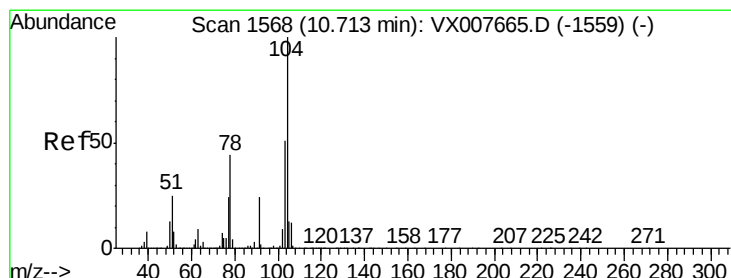
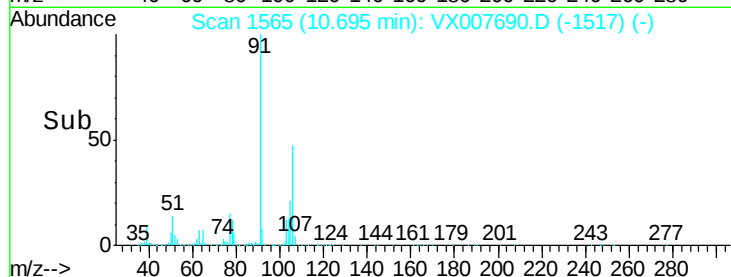
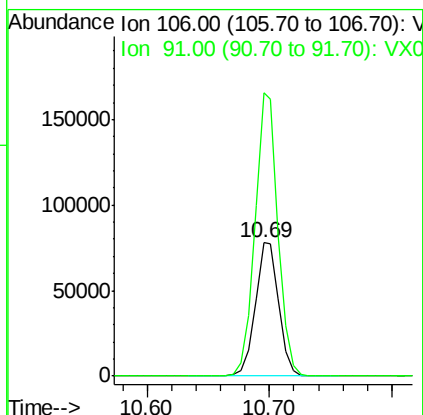
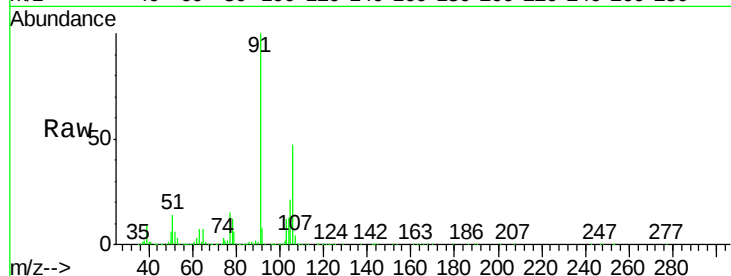




#69
o-Xylene
Concen: 18.489 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

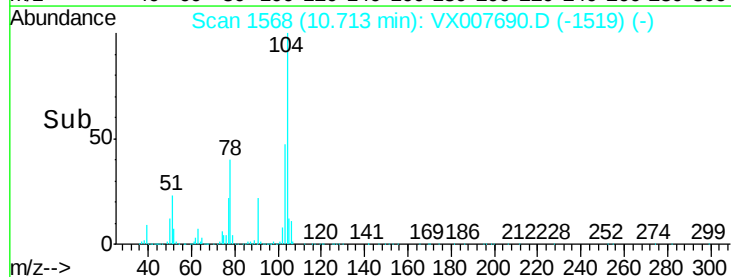
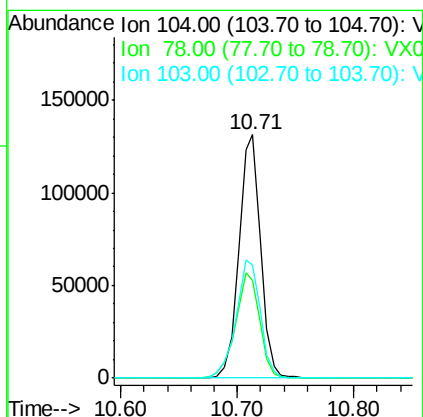
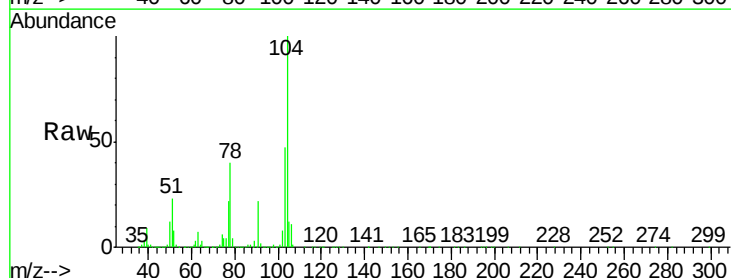
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

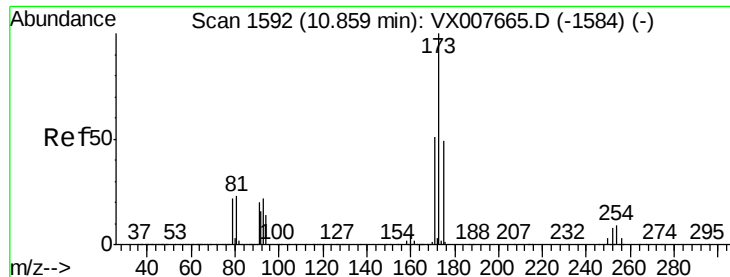
Tot Ion:106 Resp: 104096
Ion Ratio Lower Upper
106 100
91 208.4 102.9 308.7



#70
Styrene
Concen: 18.373 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion:104 Resp: 170028
Ion Ratio Lower Upper
104 100
78 47.7 38.3 57.5
103 54.4 44.6 67.0





#71

Bromoform

Concen: 19.387 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

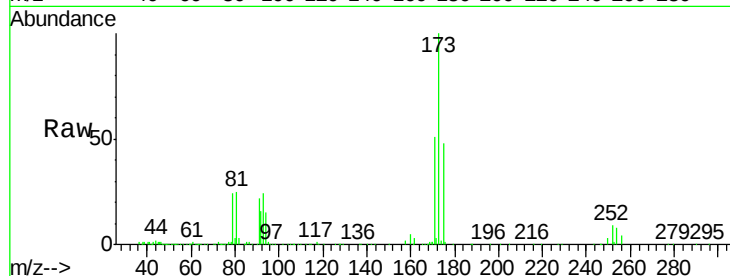
Tot Ion:173 Resp: 46058

Ion Ratio Lower Upper

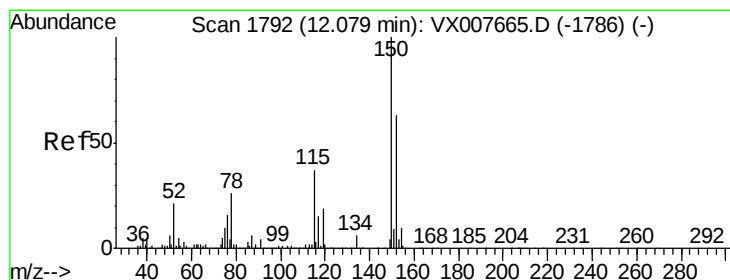
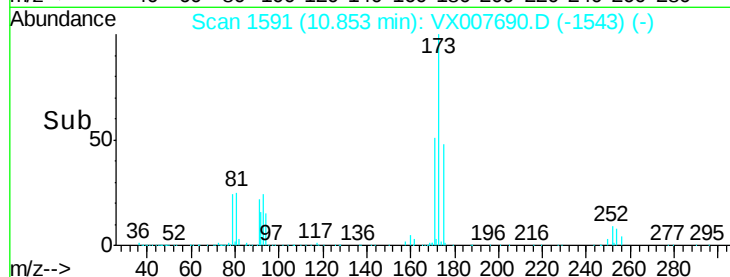
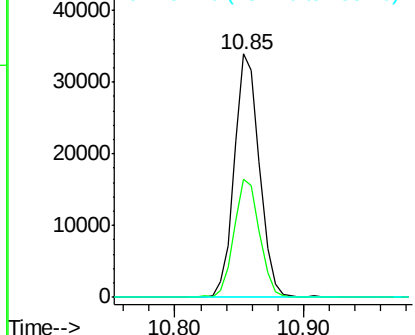
173 100

175 49.4 24.2 72.6

254 0.0 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: VX007690.D

Acq: 26 Feb 2019 02:55

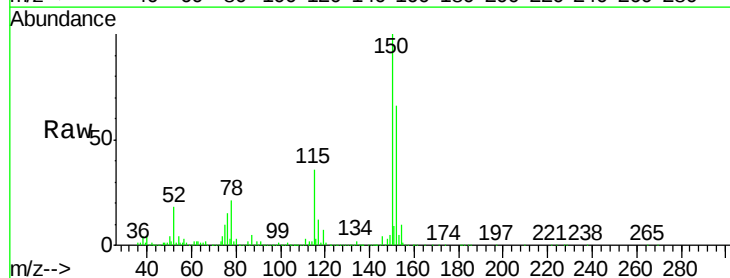
Tgt Ion:152 Resp: 198703

Ion Ratio Lower Upper

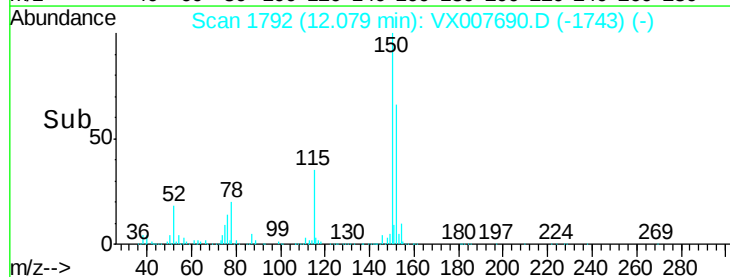
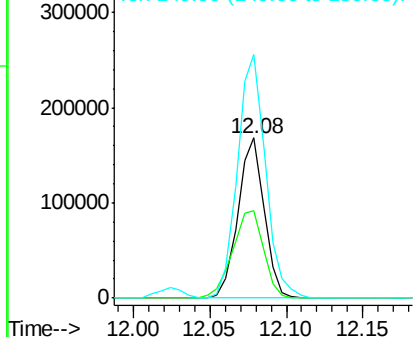
152 100

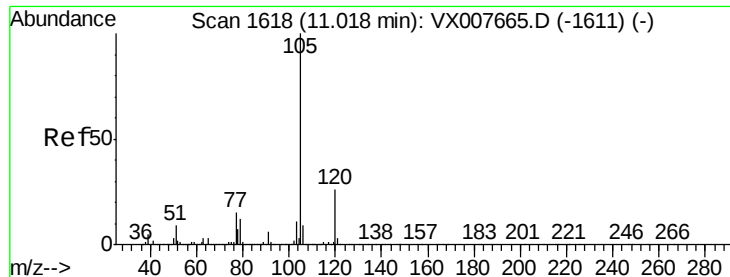
115 65.1 38.0 114.0

150 163.3 0.0 346.4



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: 17.160 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

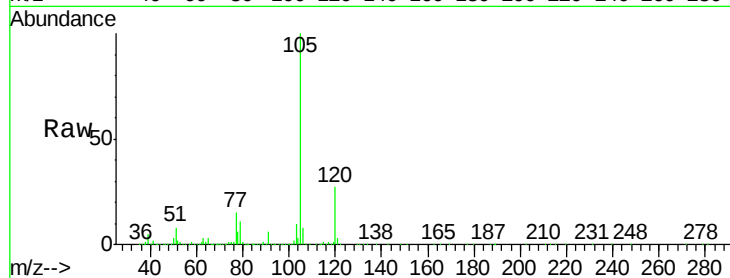
VX0225WBSD02

Tot Ion:105 Resp: 243694

Ion Ratio Lower Upper

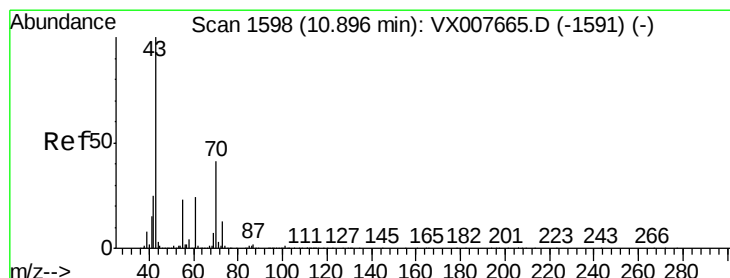
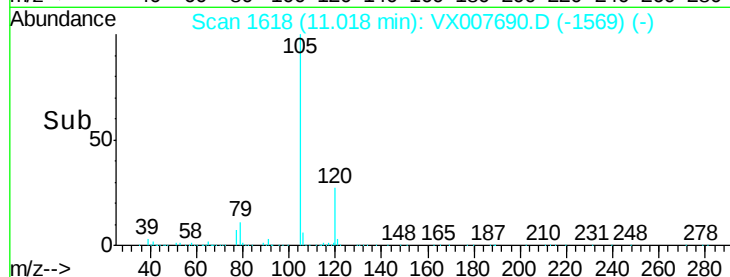
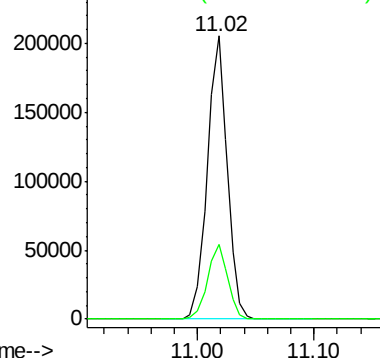
105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.777 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Tgt Ion: 43 Resp: 128132

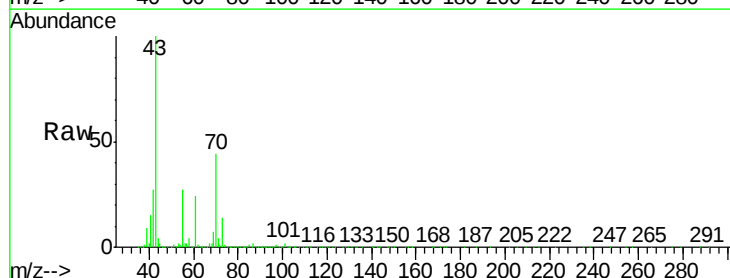
Ion Ratio Lower Upper

43 100

70 43.6 33.8 50.6

55 27.2 19.5 29.3

61 24.5 19.4 29.2

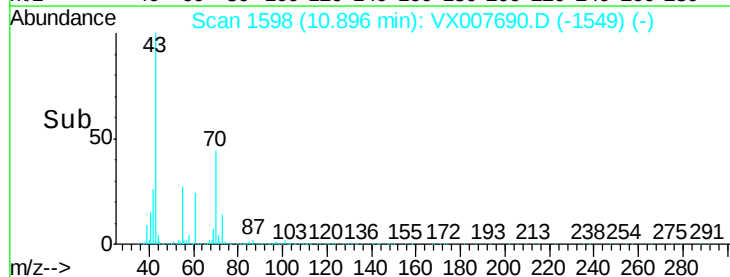
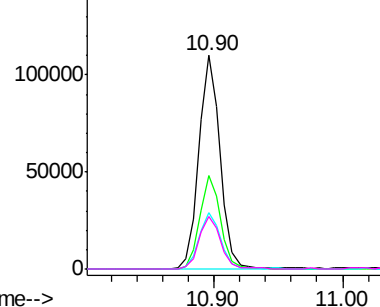


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.624 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

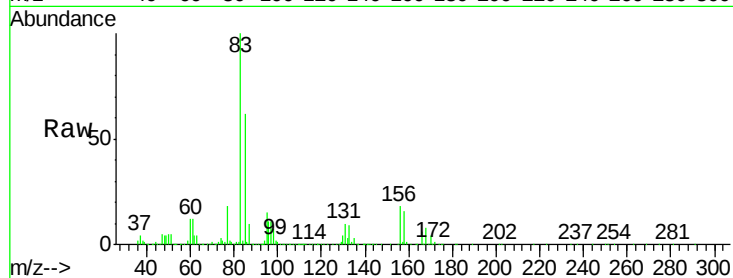
Tot Ion: 83 Resp: 106215

Ion Ratio Lower Upper

83 100

131 10.2 5.7 17.0

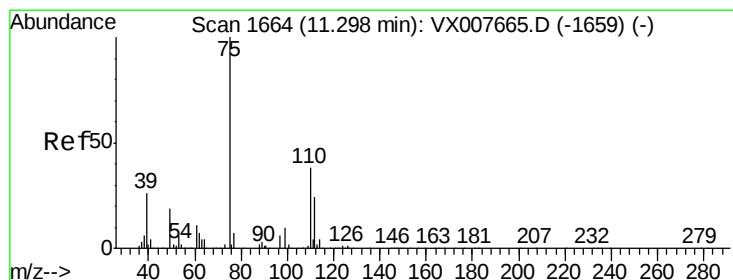
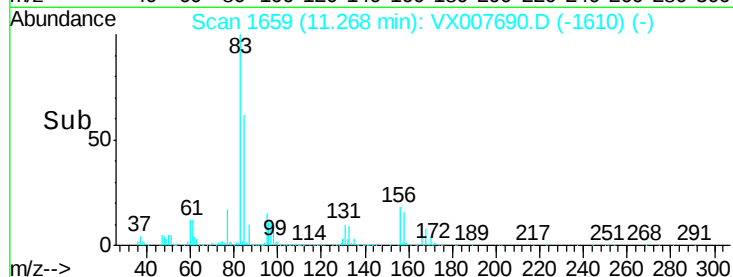
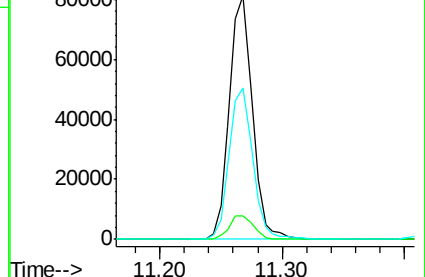
85 63.4 32.8 98.3



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: 27.286 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007690.D

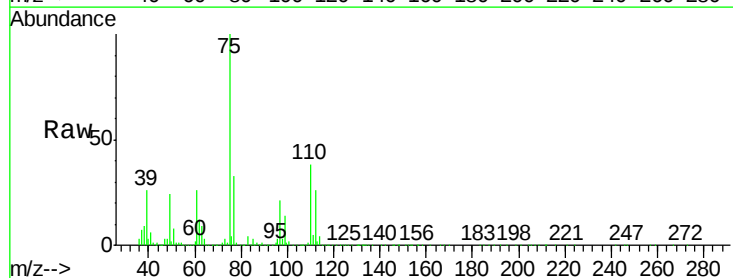
Acq: 26 Feb 2019 02:55

Tgt Ion: 75 Resp: 115569

Ion Ratio Lower Upper

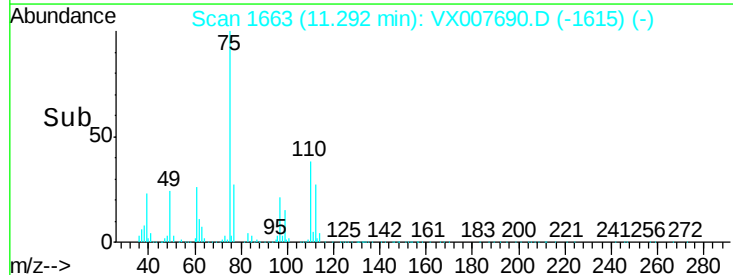
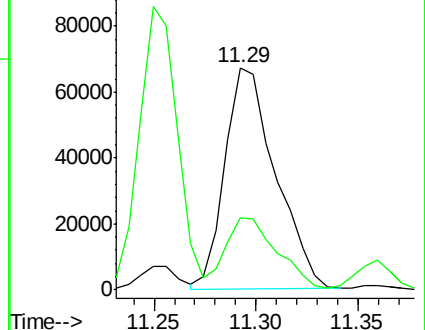
75 100

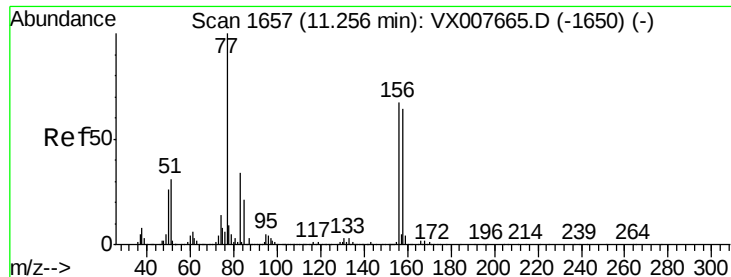
77 33.4 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.292 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

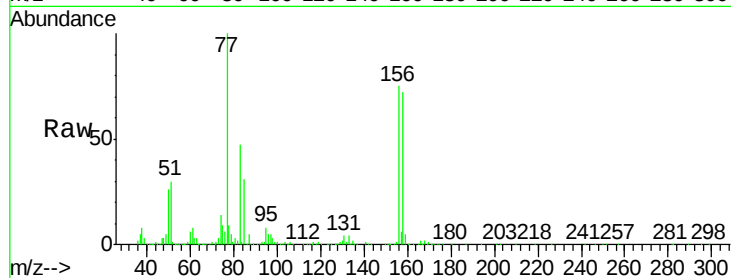
Tot Ion:156 Resp: 75842

Ion Ratio Lower Upper

156 100

77 146.8 66.8 200.6

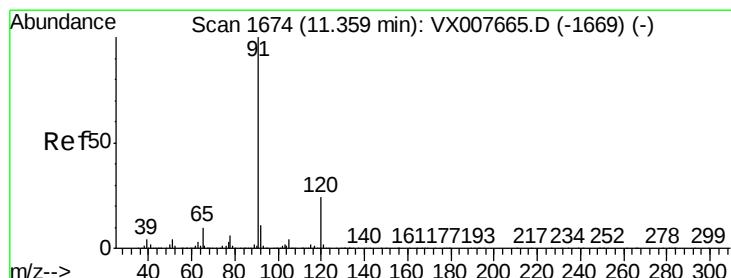
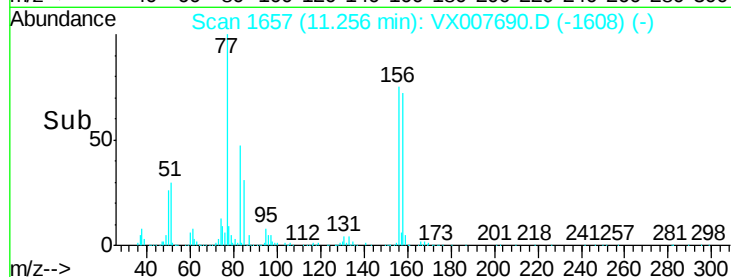
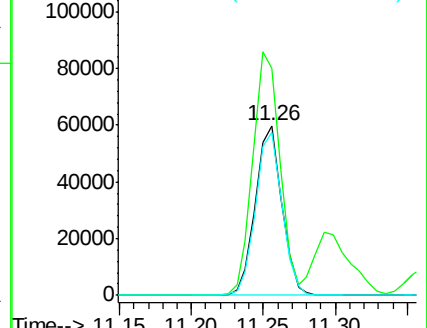
158 96.3 47.9 143.8



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: 16.722 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007690.D

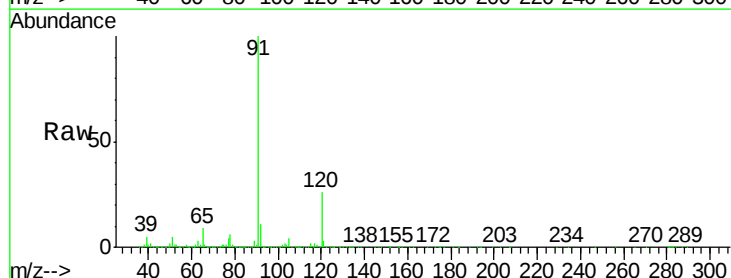
Acq: 26 Feb 2019 02:55

Tgt Ion: 91 Resp: 268349

Ion Ratio Lower Upper

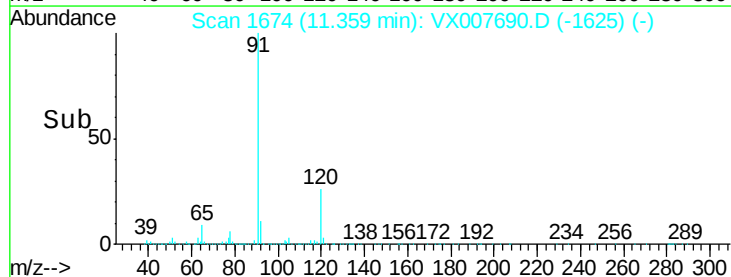
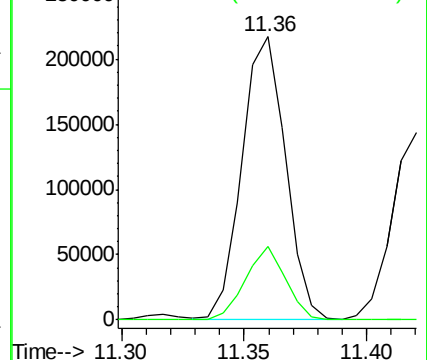
91 100

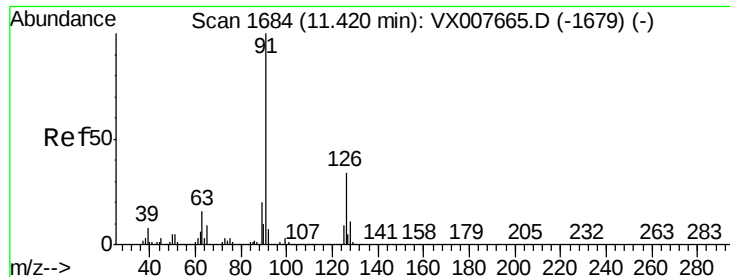
120 24.2 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.158 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

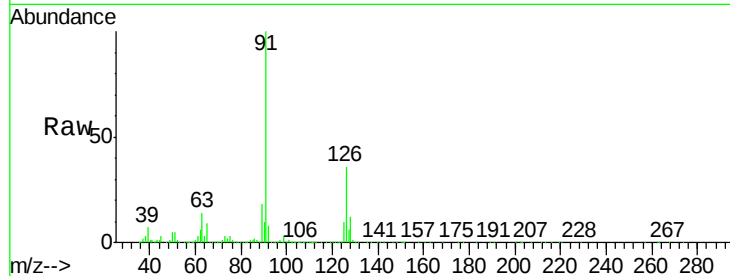
VX0225WBSD02

Tot Ion: 91 Resp: 175461

Ion Ratio Lower Upper

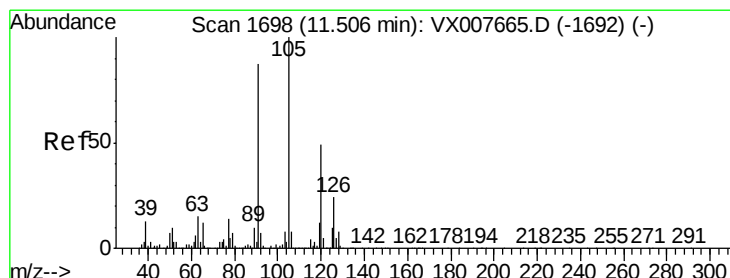
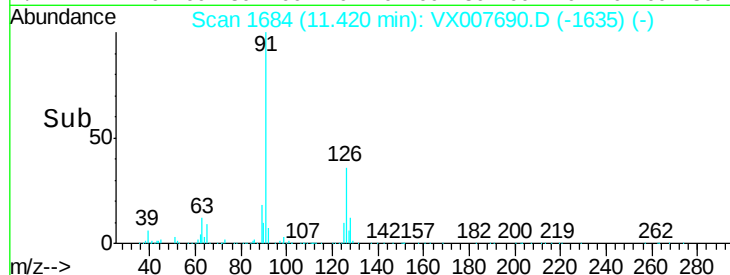
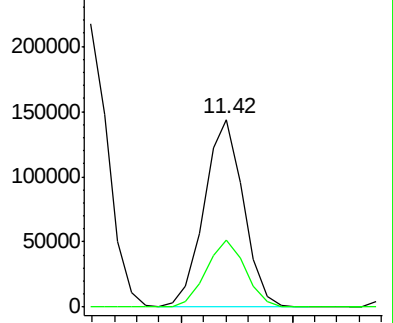
91 100

126 36.3 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.945 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007690.D

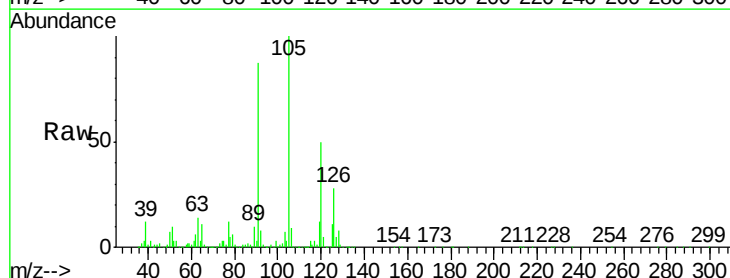
Acq: 26 Feb 2019 02:55

Tgt Ion:105 Resp: 209630

Ion Ratio Lower Upper

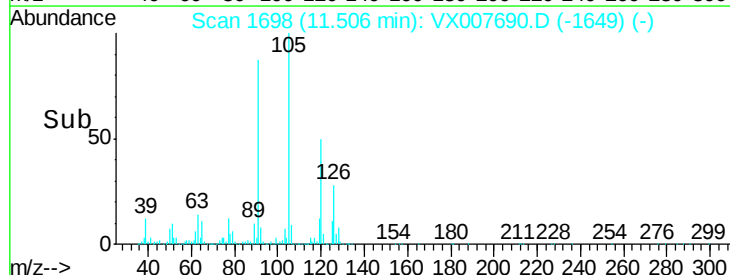
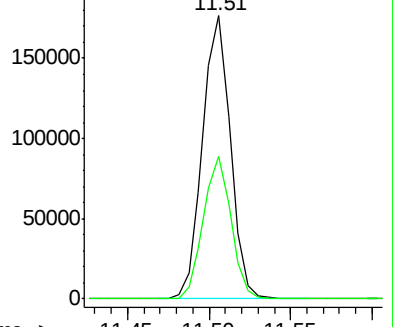
105 100

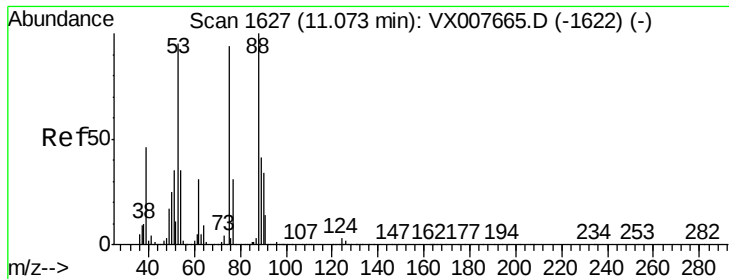
120 49.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.590 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

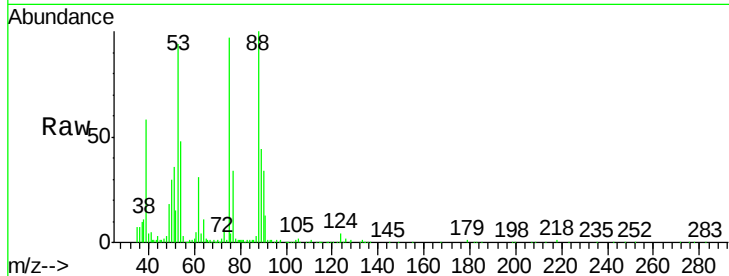
Tot Ion: 75 Resp: 24521

Ion Ratio Lower Upper

75 100

53 105.2 81.0 121.6

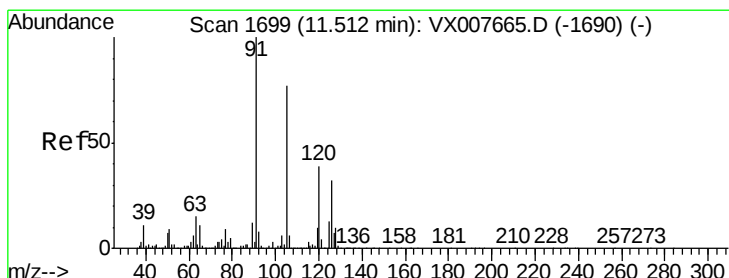
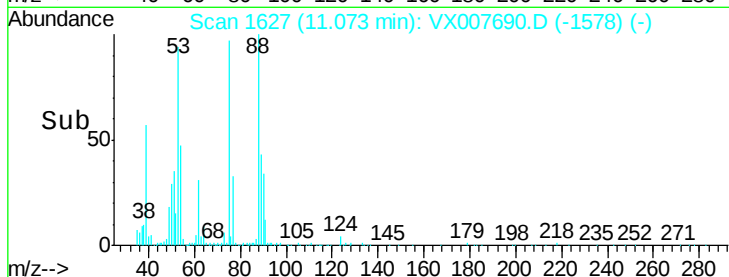
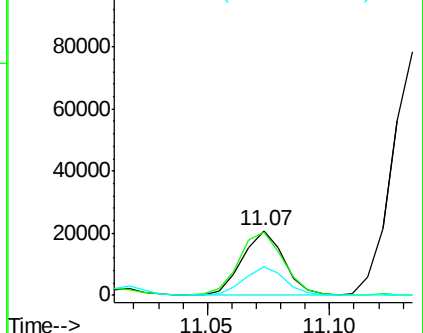
89 44.6 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.984 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007690.D

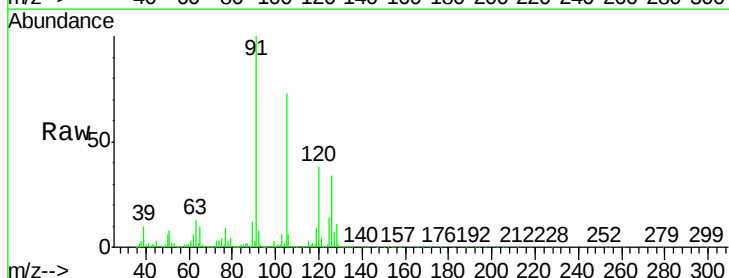
Acq: 26 Feb 2019 02:55

Tgt Ion: 91 Resp: 203284

Ion Ratio Lower Upper

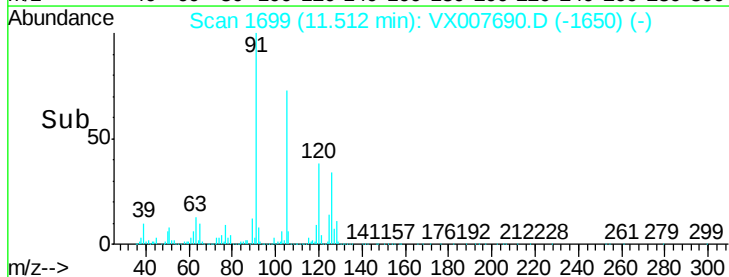
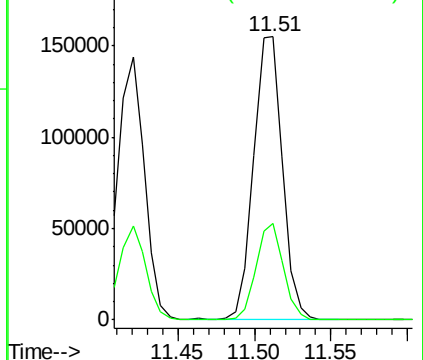
91 100

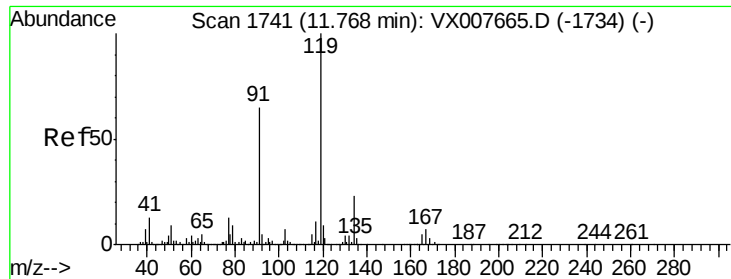
126 32.2 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 17.209 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

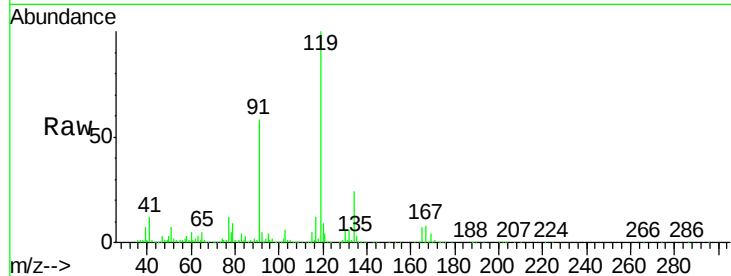
Tot Ion:119 Resp: 193015

Ion Ratio Lower Upper

119 100

91 56.8 28.5 85.6

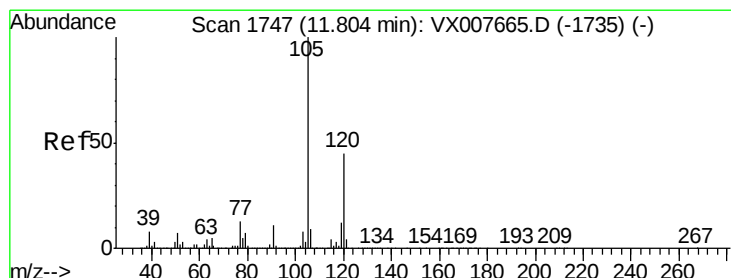
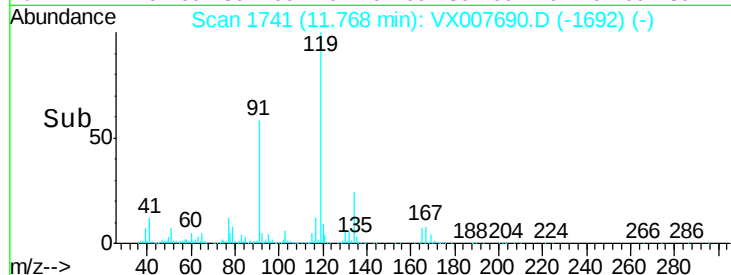
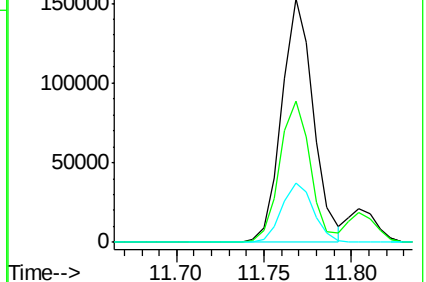
134 24.9 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.438 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007690.D

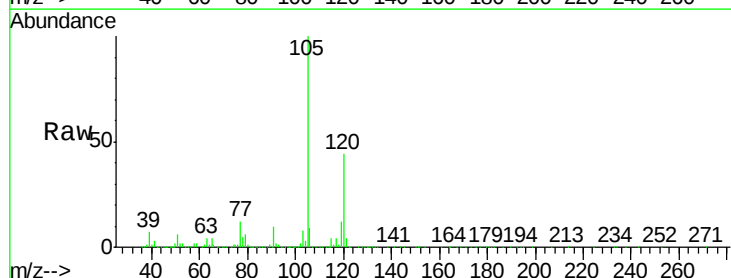
Acq: 26 Feb 2019 02:55

Tgt Ion:105 Resp: 220320

Ion Ratio Lower Upper

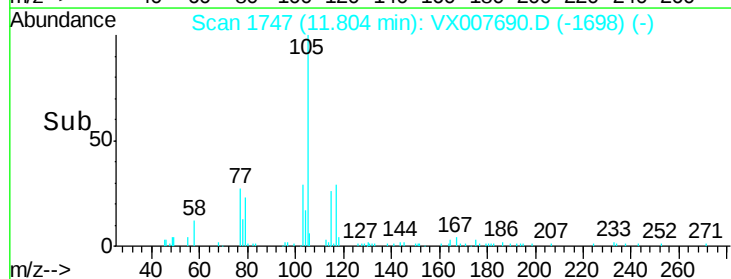
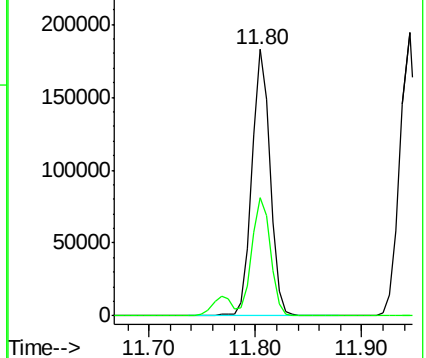
105 100

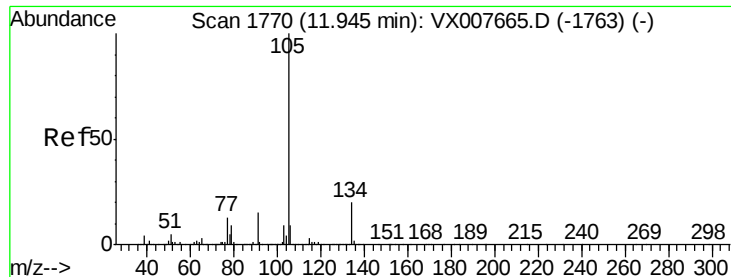
120 46.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 16.067 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

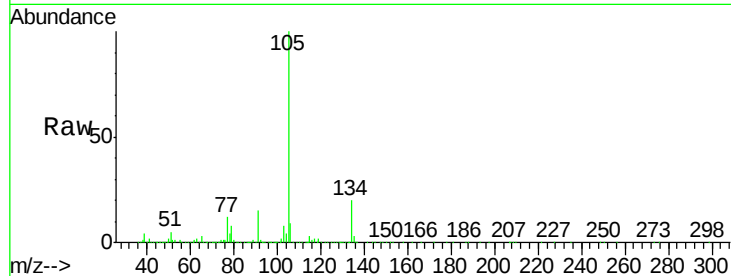
VX0225WBSD02

Tot Ion:105 Resp: 225823

Ion Ratio Lower Upper

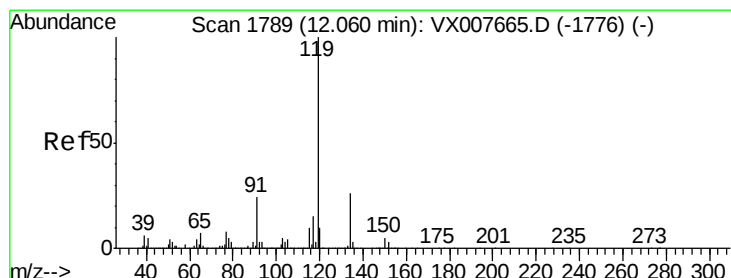
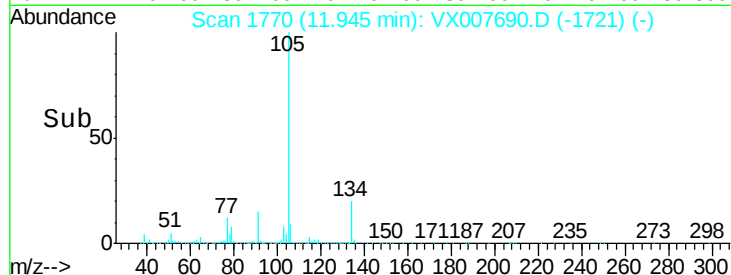
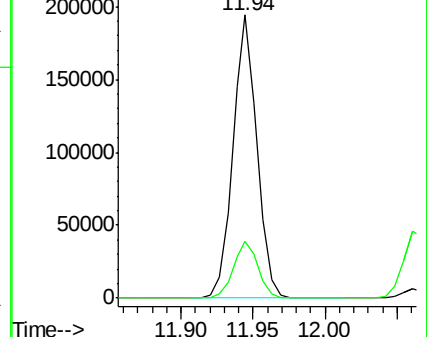
105 100

134 20.9 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.574 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

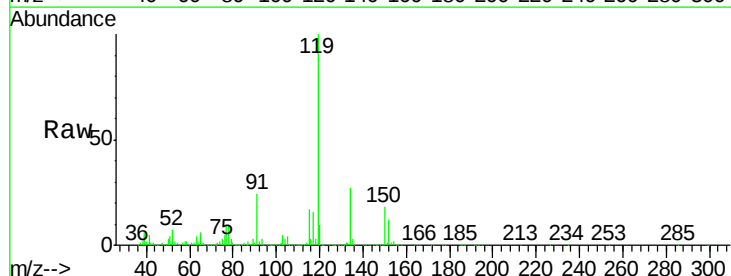
Tgt Ion:119 Resp: 204000

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

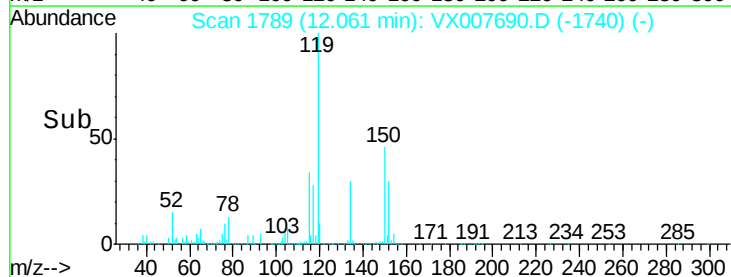
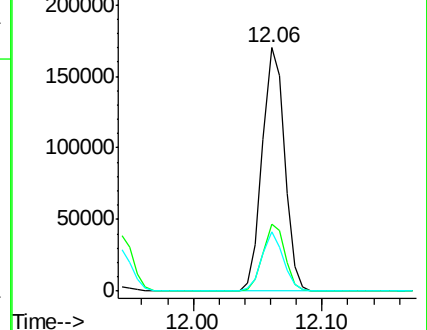
91 23.3 11.2 33.5

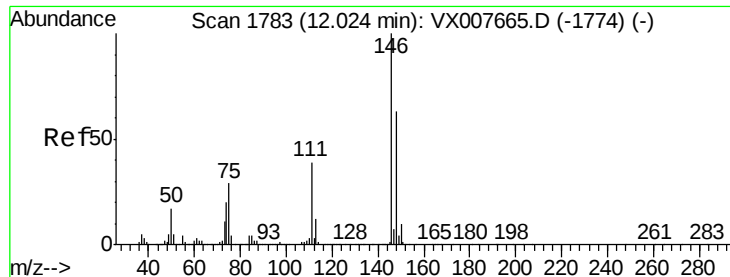


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.107 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

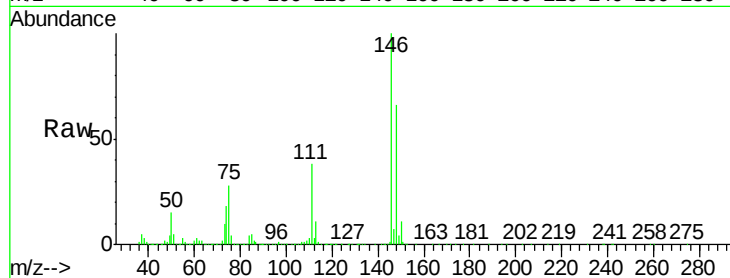
Tot Ion:146 Resp: 126248

Ion Ratio Lower Upper

146 100

111 38.6 18.1 54.1

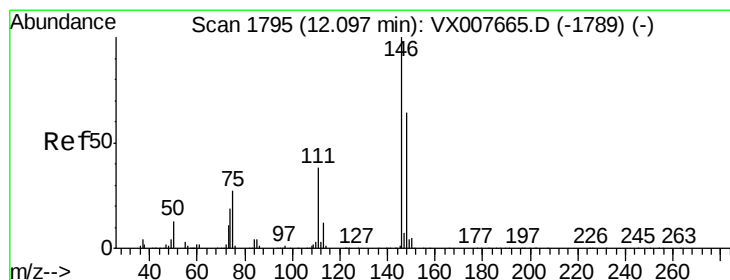
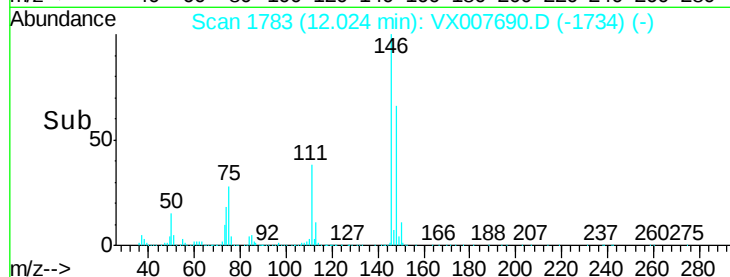
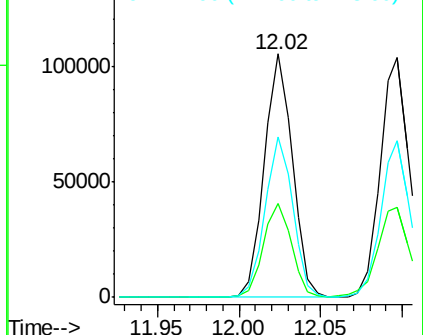
148 65.2 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.072 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

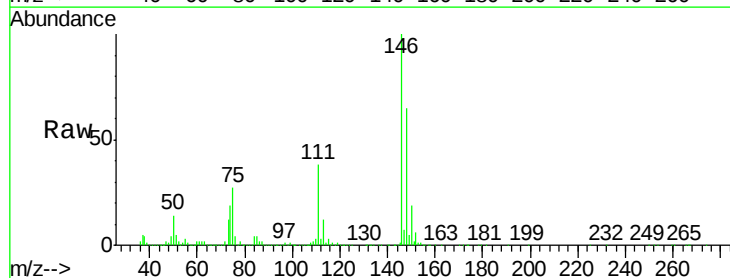
Tgt Ion:146 Resp: 129058

Ion Ratio Lower Upper

146 100

111 40.0 18.1 54.1

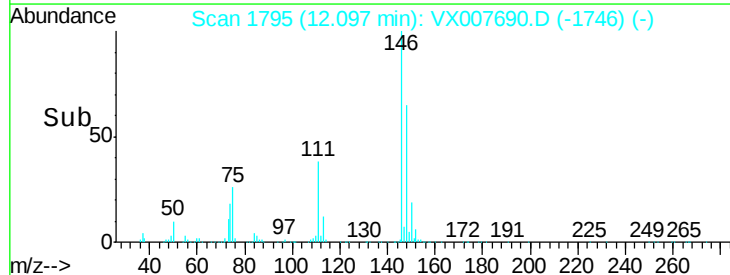
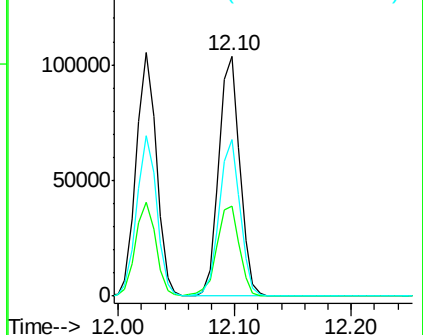
148 64.4 32.3 96.9

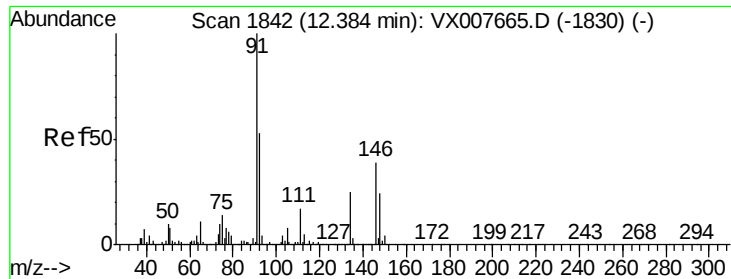


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

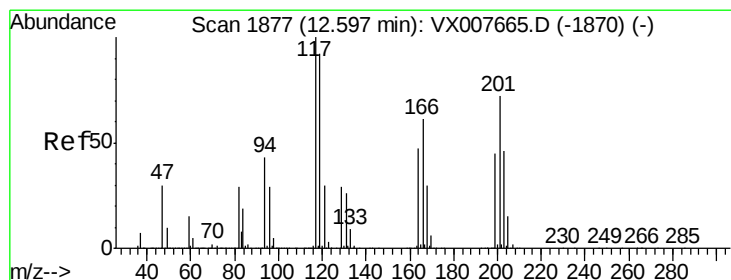
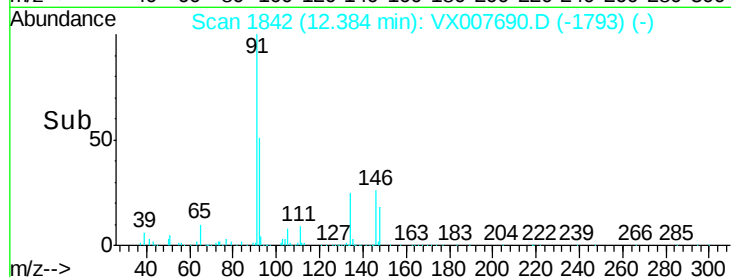
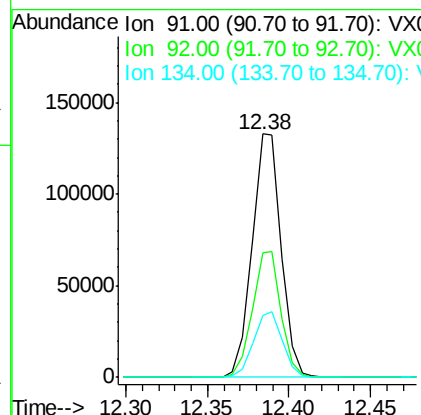
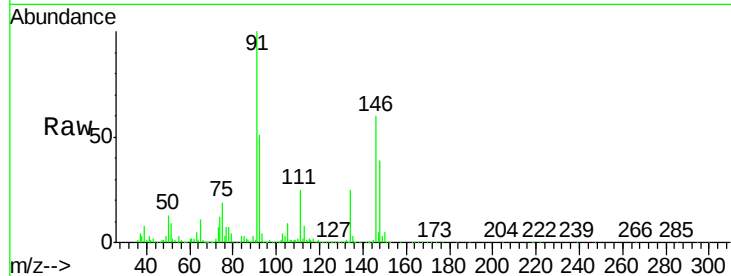




#89
n-Butylbenzene
Concen: 14.998 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

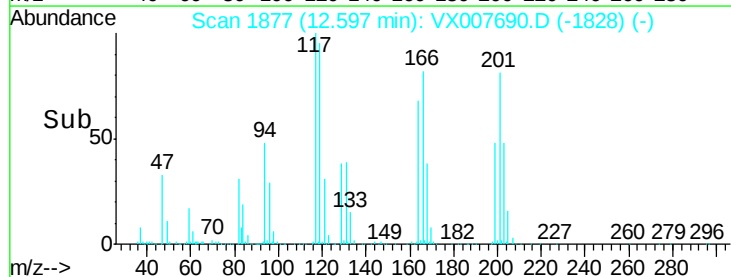
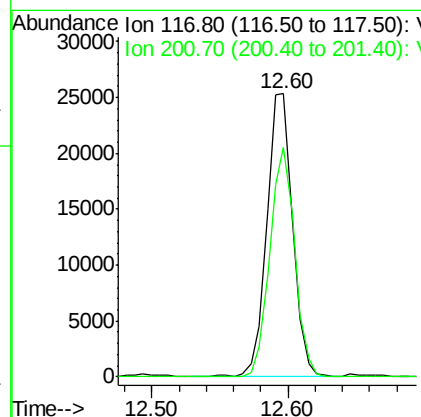
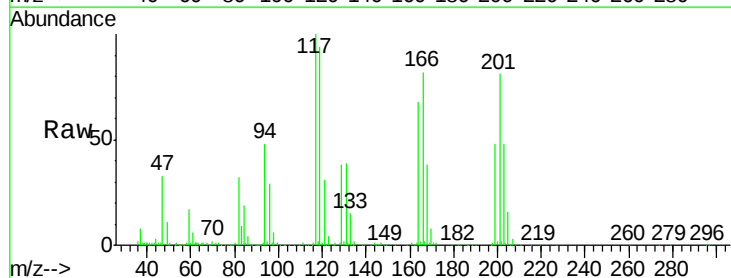
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

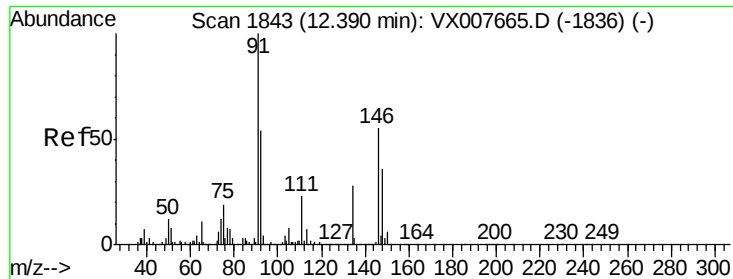
Tot Ion: 91 Resp: 164639
Ion Ratio Lower Upper
91 100
92 51.1 26.3 78.9
134 27.0 13.9 41.6



#90
Hexachloroethane
Concen: 16.394 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion: 117 Resp: 33999
Ion Ratio Lower Upper
117 100
201 77.7 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 20.044 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

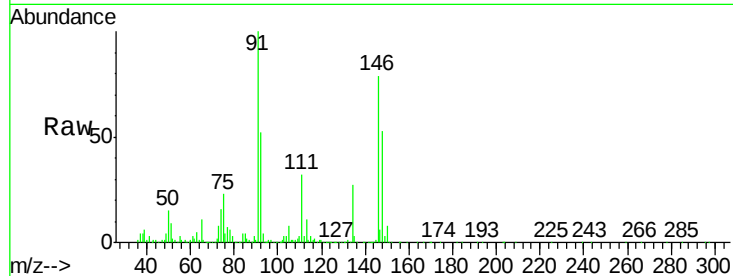
Tot Ion:146 Resp: 132513

Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.3

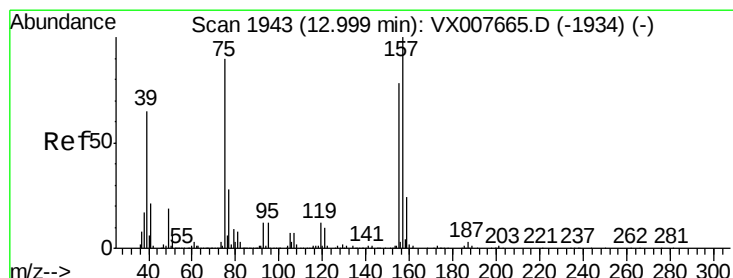
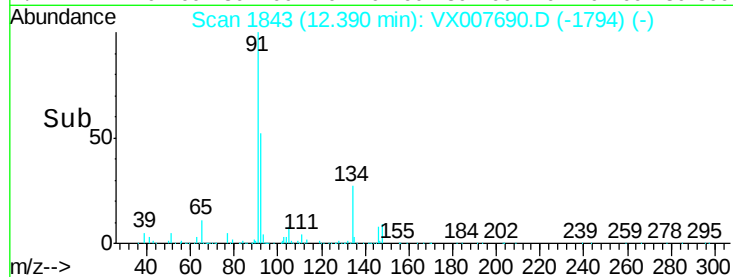
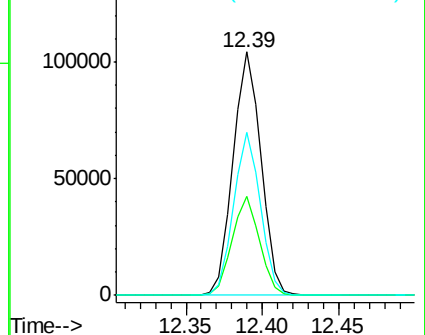
148 64.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.011 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

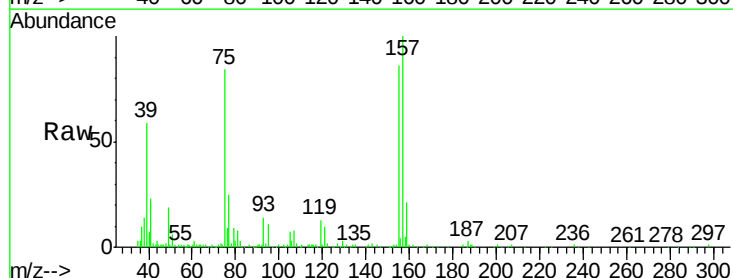
Tgt Ion: 75 Resp: 20346

Ion Ratio Lower Upper

75 100

155 95.4 49.6 149.0

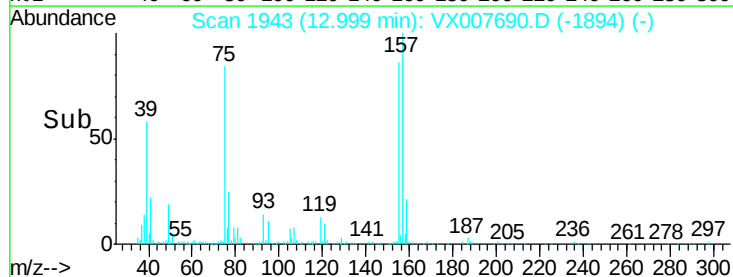
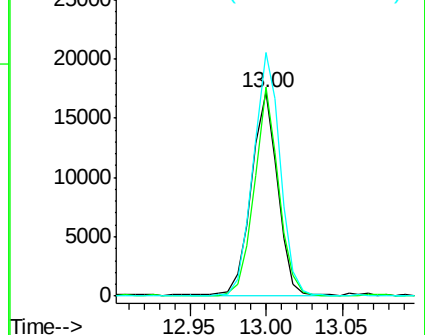
157 124.1 65.1 195.3

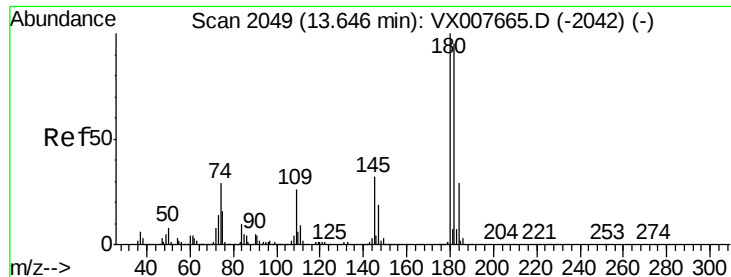


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

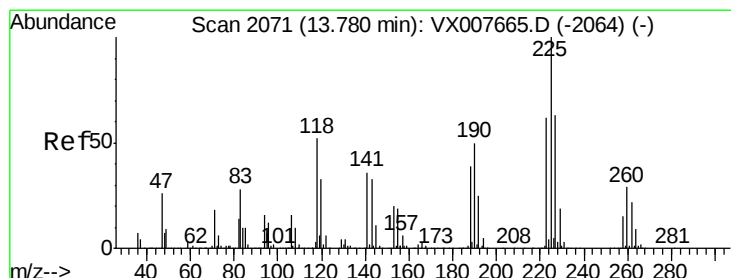
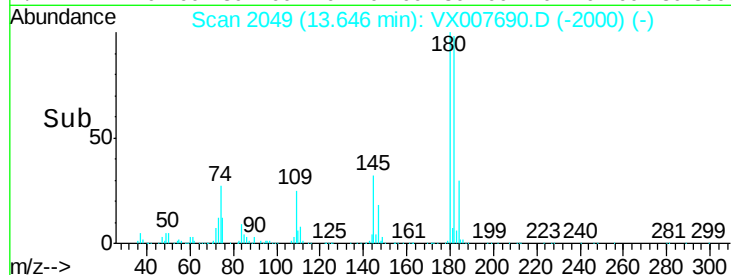
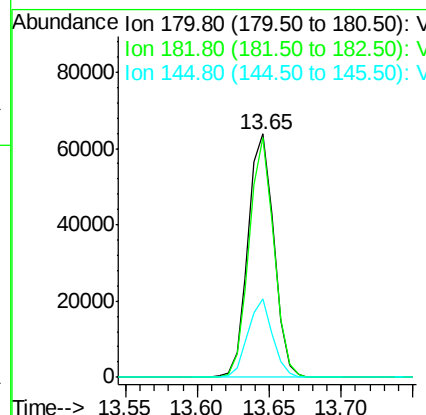
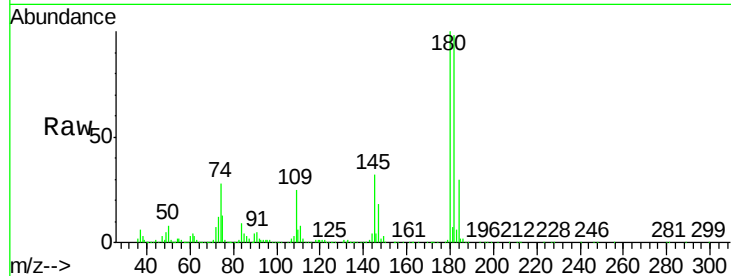




#93
 1,2,4-Trichlorobenzene
 Concen: 19.626 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

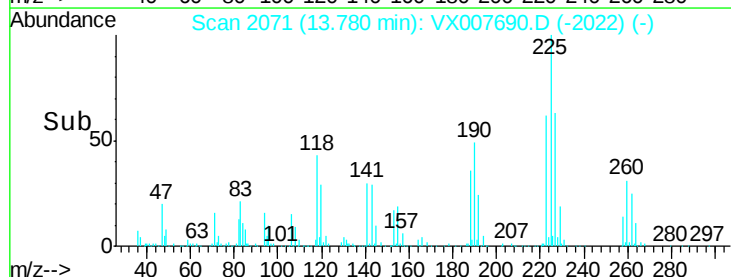
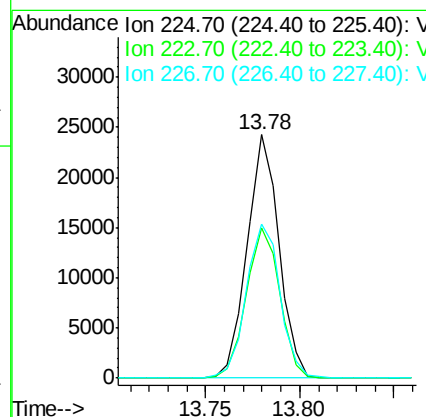
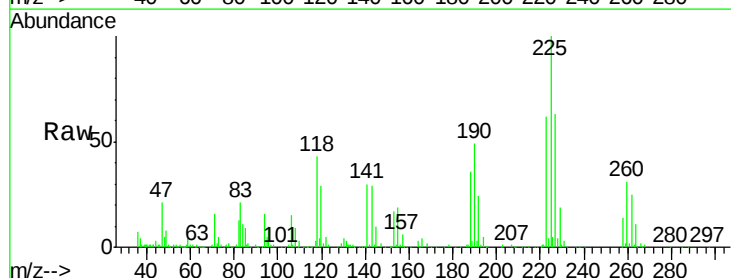
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

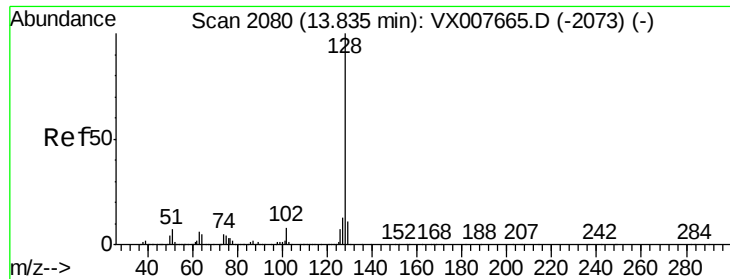
Tot Ion:180 Resp: 79198
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.8 143.3
 145 30.7 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 15.432 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Tgt Ion:225 Resp: 28488
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.6 94.8
 227 67.0 32.1 96.3





#95

Naphthalene

Concen: 21.861 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

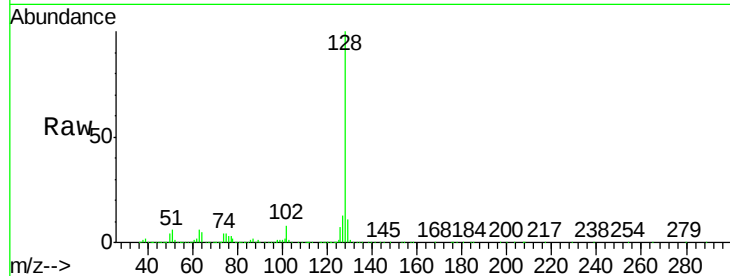
Tot Ion:128 Resp: 285818

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

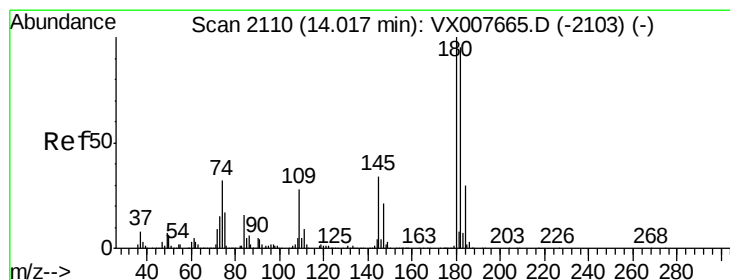
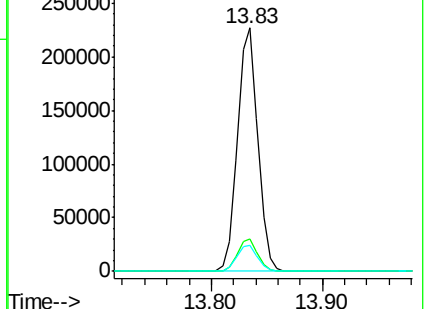
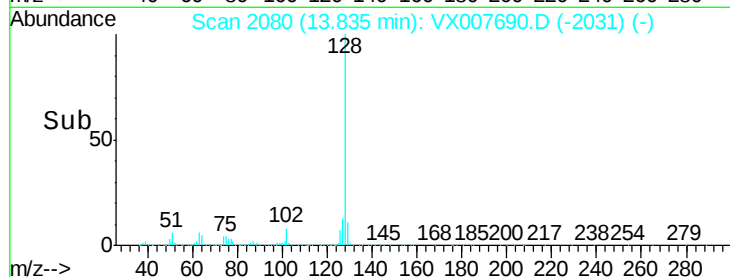
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.544 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

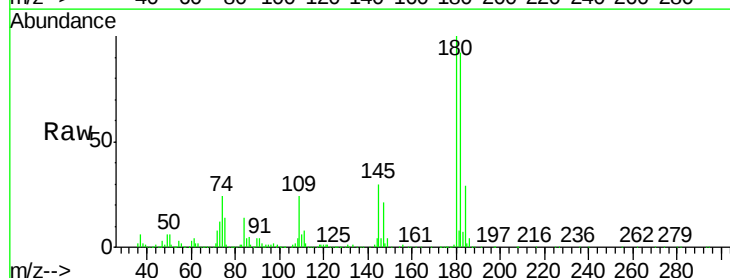
Tgt Ion:180 Resp: 83244

Ion Ratio Lower Upper

180 100

182 94.0 47.5 142.6

145 31.7 14.9 44.5



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

