

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110718\
 Data File : VX005833.D
 Acq On : 07 Nov 2018 17:44
 Operator : JC/MD
 Sample : VX1107WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Quant Time: Nov 19 08:01:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	114776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	154821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	134364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	73665	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	72098	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	
35) Dibromofluoromethane	5.50	113	58188	55.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.52%	
50) Toluene-d8	8.72	98	185729	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
62) 4-Bromofluorobenzene	11.14	95	66686	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	21277	20.561	ug/l	96
3) Chloromethane	1.32	50	28372	20.891	ug/l	92
4) Vinyl Chloride	1.40	62	27010	19.811	ug/l	94
5) Bromomethane	1.64	94	16540	19.824	ug/l	91
6) Chloroethane	1.72	64	16855	20.719	ug/l	95
7) Trichlorofluoromethane	1.93	101	36179	19.991	ug/l #	80
8) Diethyl Ether	2.19	74	15059	21.236	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20287	19.491	ug/l	100
10) Methyl Iodide	2.51	142	24123	19.123	ug/l	98
11) Tert butyl alcohol	3.06	59	39392	104.214	ug/l	100
12) 1,1-Dichloroethene	2.37	96	19699	19.418	ug/l	96
13) Acrolein	2.29	56	17181	107.184	ug/l	100
14) Allyl chloride	2.73	41	45928	20.270	ug/l	98
15) Acrylonitrile	3.15	53	83231	106.251	ug/l	99
16) Acetone	2.45	43	76705	107.967	ug/l	98
17) Carbon Disulfide	2.57	76	61619	20.363	ug/l	98
18) Methyl Acetate	2.78	43	41861	21.130	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	72022	20.800	ug/l	93
20) Methylene Chloride	2.85	84	22931	19.649	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	21153	19.769	ug/l	93
22) Diisopropyl ether	3.87	45	82697	20.835	ug/l #	97
23) Vinyl Acetate	3.82	43	353481	103.867	ug/l	99
24) 1,1-Dichloroethane	3.69	63	42692	20.161	ug/l	99
25) 2-Butanone	4.70	43	116189	104.024	ug/l	99
26) 2,2-Dichloropropane	4.58	77	31751	20.440	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	23683	20.044	ug/l	97
28) Bromochloromethane	5.01	49	21693	22.922	ug/l	99
29) Tetrahydrofuran	5.15	42	76219	106.279	ug/l	99
30) Chloroform	5.22	83	41319	20.225	ug/l	85
31) Cyclohexane	5.57	56	37169	20.220	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	35814	21.017	ug/l	98
36) 1,1-Dichloropropene	5.81	75	31473	21.087	ug/l	98
37) Ethyl Acetate	4.85	43	41373	21.080	ug/l	99
38) Carbon Tetrachloride	5.78	117	30775	20.597	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110718\
 Data File : VX005833.D
 Acq On : 07 Nov 2018 17:44
 Operator : JC/MD
 Sample : VX1107WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Quant Time: Nov 19 08:01:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	31287	20.683	ug/l	97
40) Benzene	6.15	78	94043	21.614	ug/l	97
41) Methacrylonitrile	5.06	41	21739	20.498	ug/l	97
42) 1,2-Dichloroethane	6.20	62	33056	21.211	ug/l	99
43) Isopropyl Acetate	6.46	43	58643	20.620	ug/l	100
44) Trichloroethene	7.21	130	22175	20.069	ug/l	99
45) 1,2-Dichloropropane	7.51	63	21154	20.031	ug/l	89
46) Dibromomethane	7.66	93	13602	20.525	ug/l	99
47) Bromodichloromethane	7.90	83	26225	20.940	ug/l	97
48) Methyl methacrylate	7.77	41	27030	21.167	ug/l	97
49) 1,4-Dioxane	7.75	88	11692	424.897	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	187808	104.782	ug/l	98
52) Toluene	8.79	92	48562	19.970	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	27819	18.823	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	31016	20.590	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	20262	18.696	ug/l	98
56) Ethyl methacrylate	9.18	69	29753	18.348	ug/l	98
57) 1,3-Dichloropropane	9.37	76	34447	18.914	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	91520	108.424	ug/l	97
59) 2-Hexanone	9.49	43	145750	92.253	ug/l	98
60) Dibromochloromethane	9.59	129	21101	18.016	ug/l	99
61) 1,2-Dibromoethane	9.67	107	20730	17.298	ug/l	99
64) Tetrachloroethene	9.34	164	22585	19.743	ug/l	99
65) Chlorobenzene	10.14	112	55025	20.442	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	19717	21.070	ug/l	100
67) Ethyl Benzene	10.25	91	91785	21.265	ug/l	99
68) m/p-Xylenes	10.36	106	71250	43.276	ug/l	100
69) o-Xylene	10.70	106	33572	22.740	ug/l	100
70) Styrene	10.71	104	55846	22.931	ug/l	98
71) Bromoform	10.86	173	16969	21.631	ug/l #	99
73) Isopropylbenzene	11.02	105	93421	21.930	ug/l	100
74) N-amyl acetate	10.90	43	45054	19.628	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	32418	20.733	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	39204	26.136	ug/l	86
77) Bromobenzene	11.26	156	24784	20.641	ug/l	99
78) n-propylbenzene	11.36	91	107459	21.404	ug/l	99
79) 2-Chlorotoluene	11.42	91	64661	21.308	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	78885	21.791	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9507	20.201	ug/l	96
82) 4-Chlorotoluene	11.51	91	76983	21.526	ug/l	99
83) tert-Butylbenzene	11.77	119	76320	20.839	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	81895	20.428	ug/l	99
85) sec-Butylbenzene	11.94	105	94594	21.122	ug/l	100
86) p-Isopropyltoluene	12.07	119	83952	21.163	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	45837	19.892	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	46630	19.767	ug/l	98
89) n-Butylbenzene	12.39	91	73797	20.072	ug/l	99
90) Hexachloroethane	12.60	117	13224	19.967	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	46004	19.929	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8076	21.166	ug/l	99

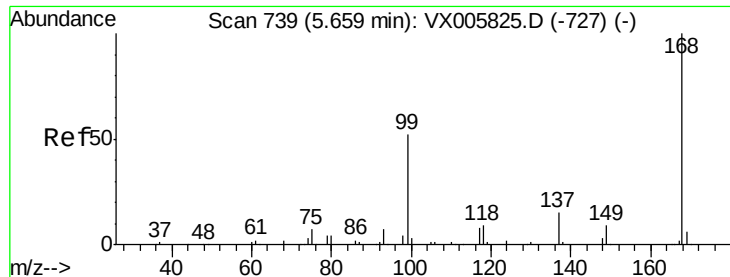
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110718\
Data File : VX005833.D
Acq On : 07 Nov 2018 17:44
Operator : JC/MD
Sample : VX1107WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Quant Time: Nov 19 08:01:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	32746	20.150	ug/l	99
94) Hexachlorobutadiene	13.79	225	16775	19.651	ug/l	98
95) Naphthalene	13.83	128	101071	19.799	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	34432	20.797	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

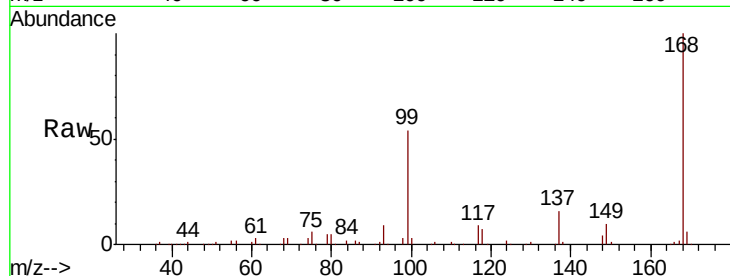
VX1107WBSD01

Tgt Ion:168 Resp: 114776

Ion Ratio Lower Upper

168 100

99 54.1 40.7 61.1

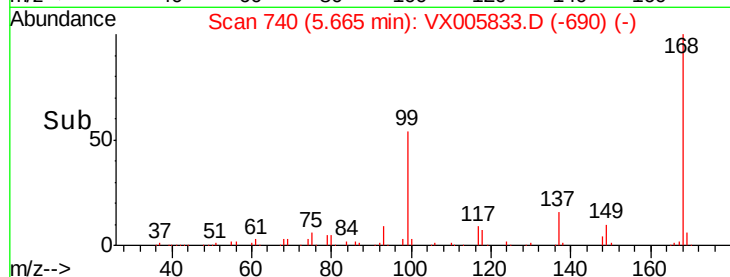


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



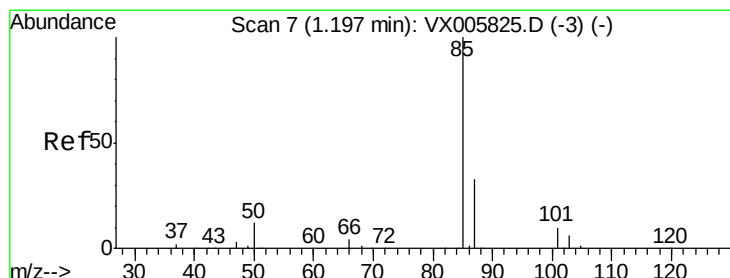
Abundance

Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 20.561 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005833.D

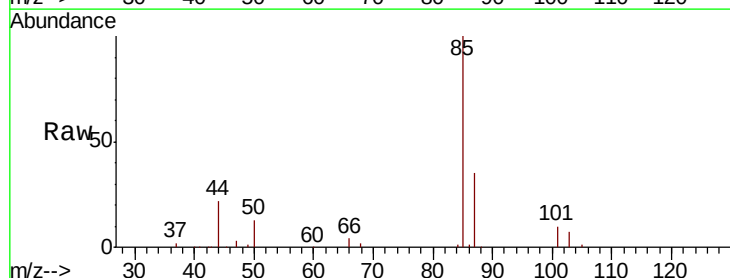
Acq: 07 Nov 2018 17:44

Tgt Ion: 85 Resp: 21277

Ion Ratio Lower Upper

85 100

87 34.6 16.3 48.9

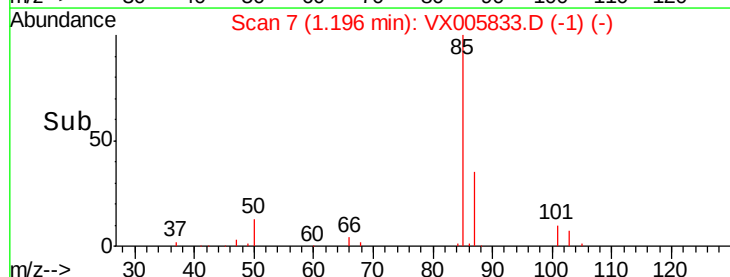


Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->



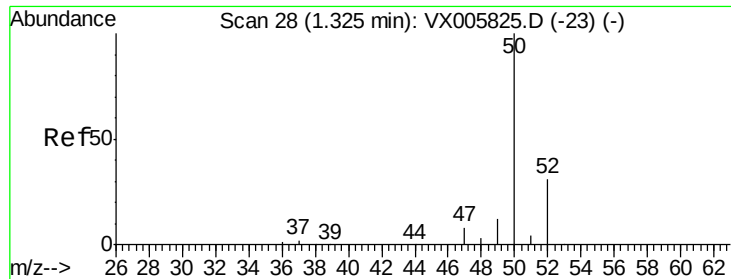
Abundance

Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->



#3

Chloromethane

Concen: 20.891 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

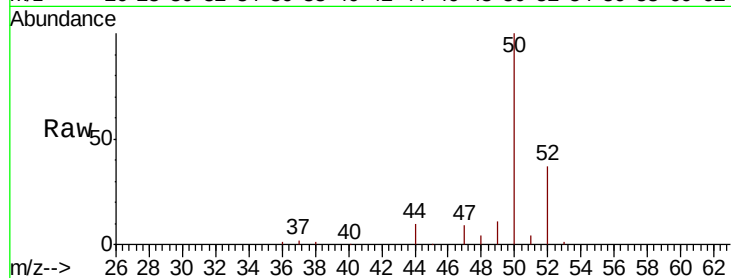
VX1107WBSD01

Tgt Ion: 50 Resp: 28372

Ion Ratio Lower Upper

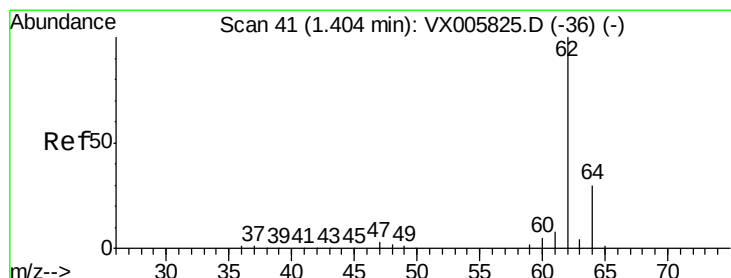
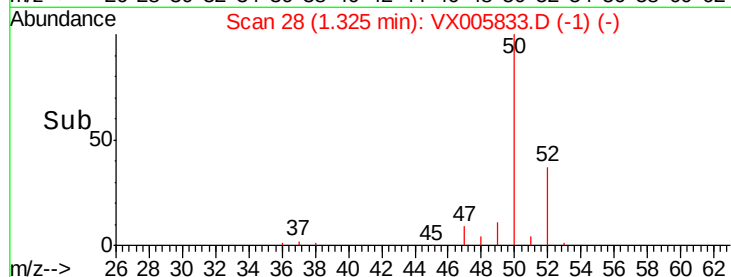
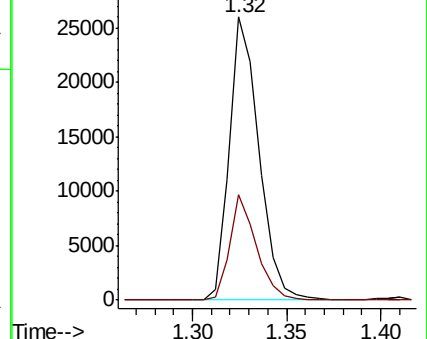
50 100

52 37.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.811 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005833.D

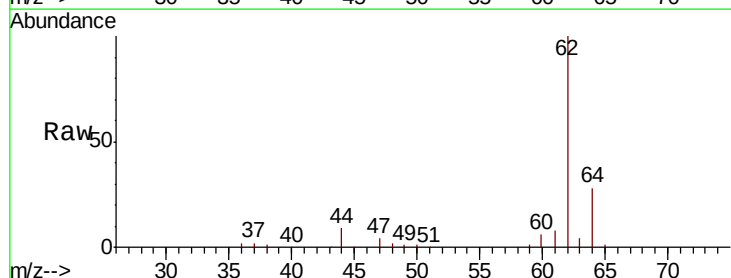
Acq: 07 Nov 2018 17:44

Tgt Ion: 62 Resp: 27010

Ion Ratio Lower Upper

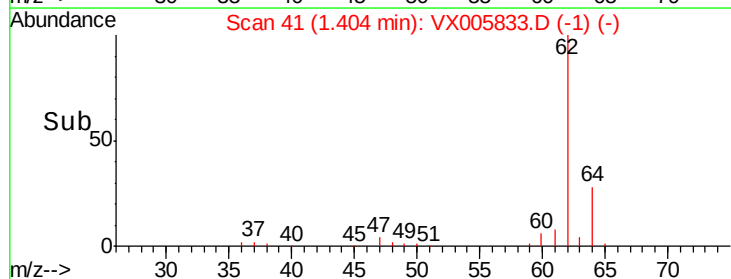
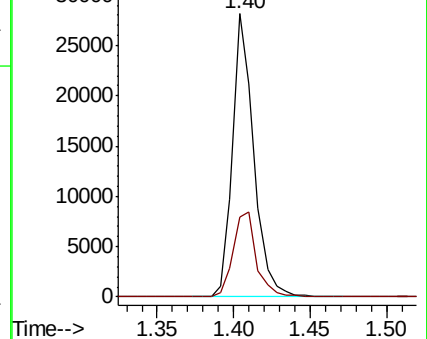
62 100

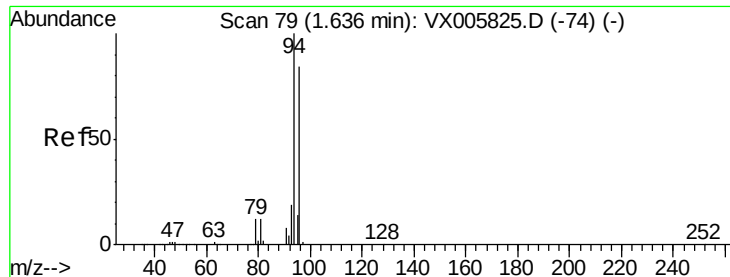
64 28.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.824 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

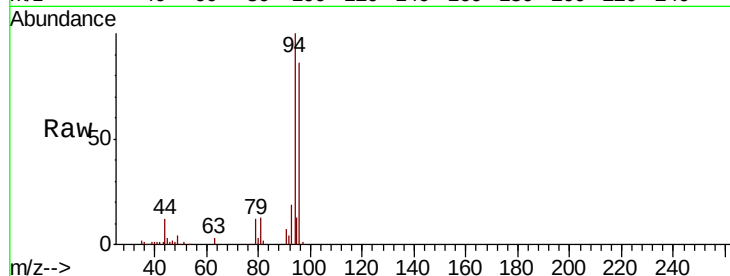
VX1107WBSD01

Tgt Ion: 94 Resp: 16540

Ion Ratio Lower Upper

94 100

96 85.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

20000

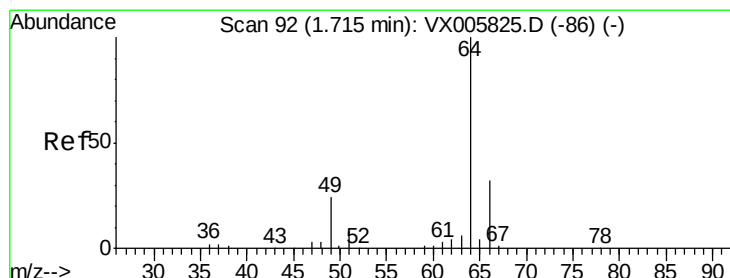
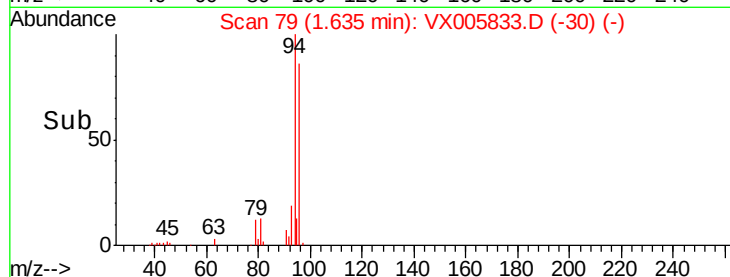
15000

10000

5000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 20.719 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005833.D

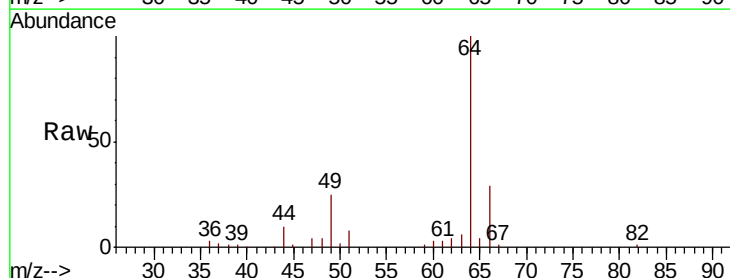
Acq: 07 Nov 2018 17:44

Tgt Ion: 64 Resp: 16855

Ion Ratio Lower Upper

64 100

66 29.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

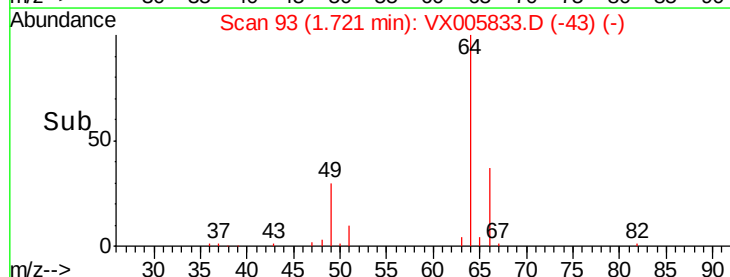
15000

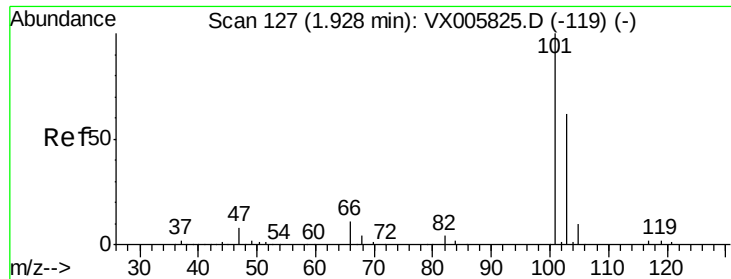
10000

5000

0

Time--> 1.65 1.70 1.75 1.80



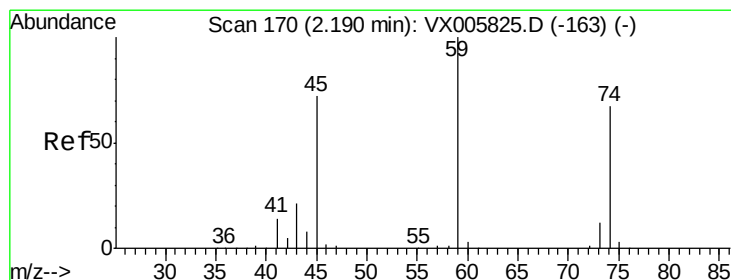
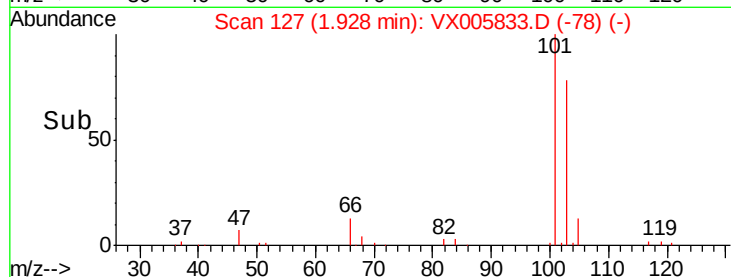
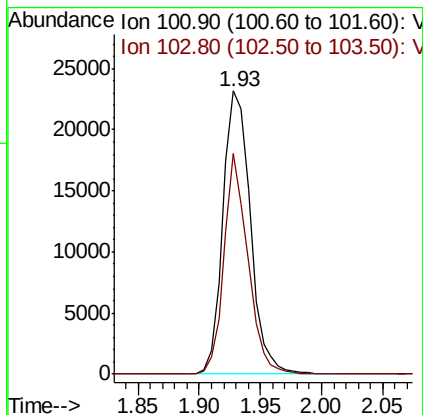
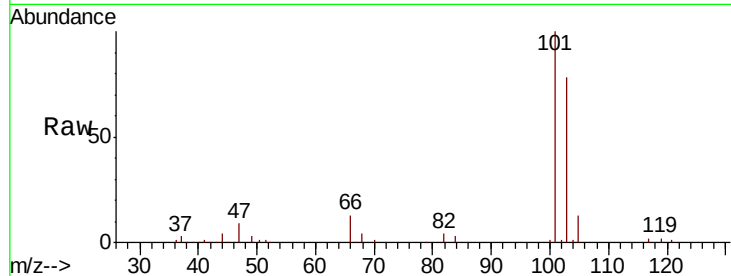


#7

Trichlorofluoromethane
 Concen: 19.991 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

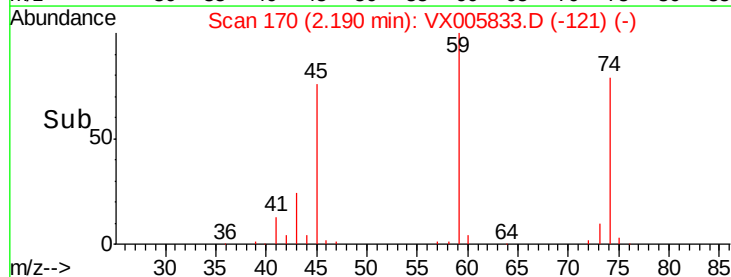
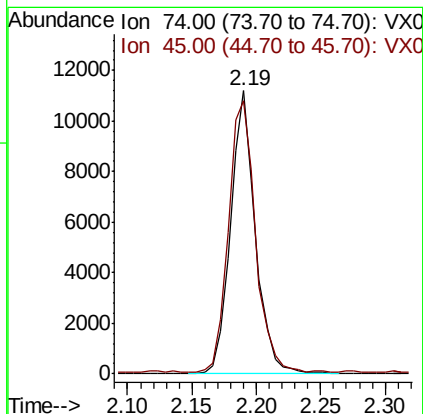
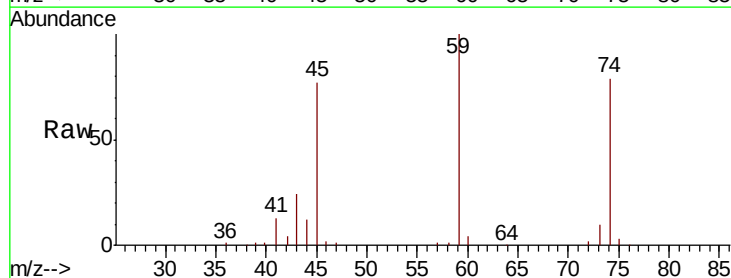
Tgt Ion:101 Resp: 36179
 Ion Ratio Lower Upper
 101 100
 103 77.8 50.0 75.0#

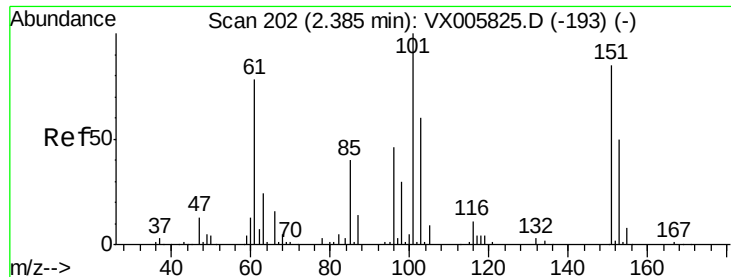


#8

Diethyl Ether
 Concen: 21.236 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

Tgt Ion: 74 Resp: 15059
 Ion Ratio Lower Upper
 74 100
 45 105.3 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.491 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

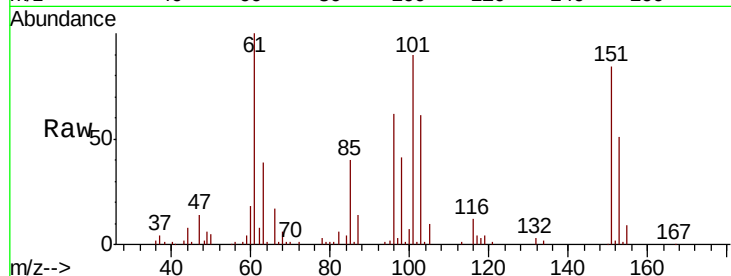
Tgt Ion:101 Resp: 20287

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.4

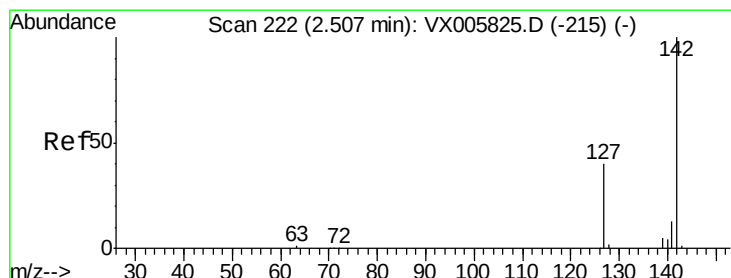
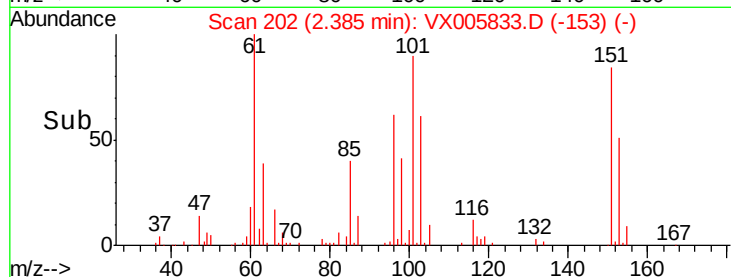
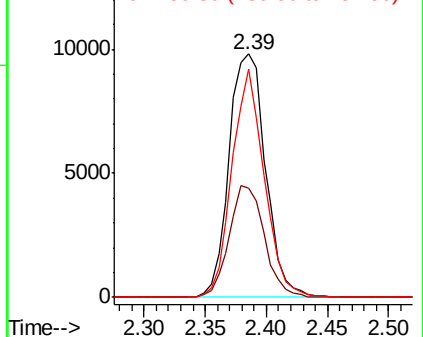
151 82.7 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.123 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

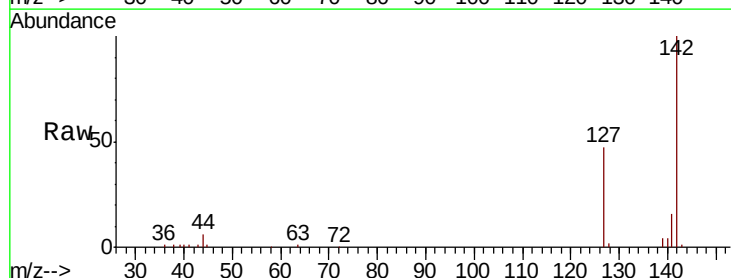
Tgt Ion:142 Resp: 24123

Ion Ratio Lower Upper

142 100

127 43.8 36.0 54.0

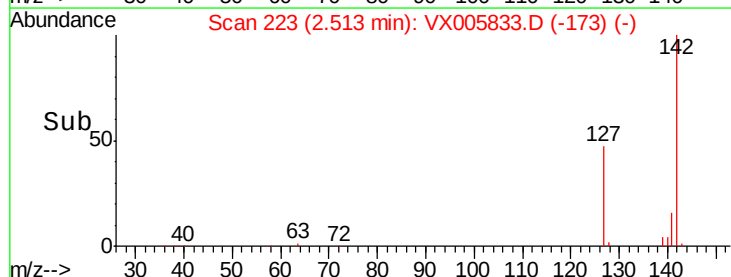
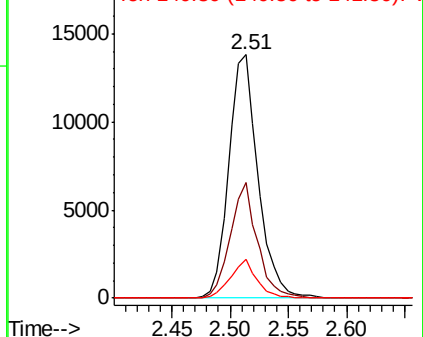
141 14.2 11.7 17.5

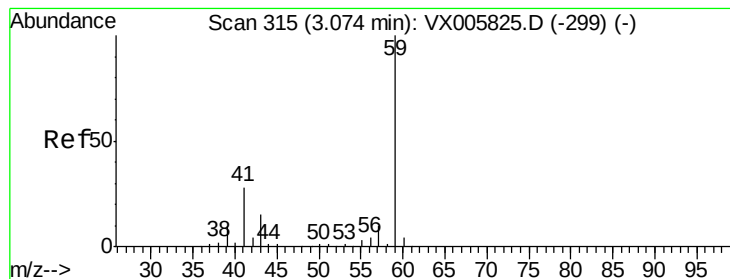


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



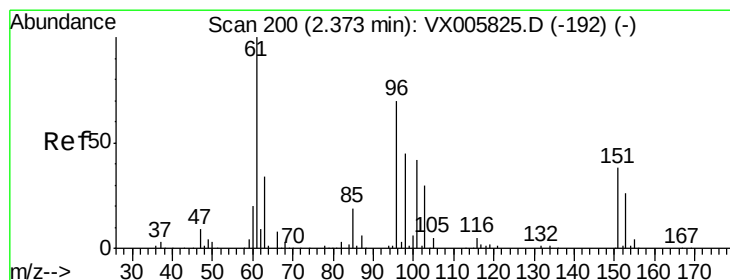
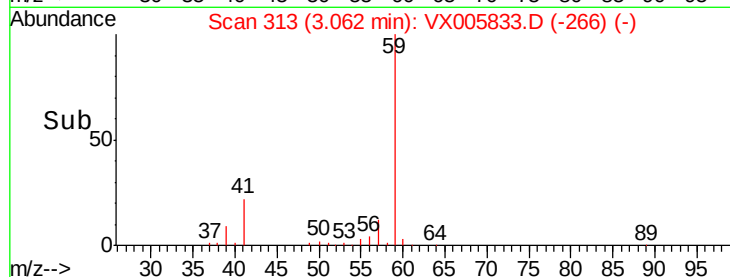
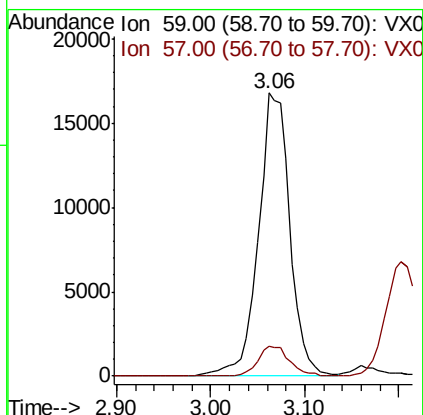
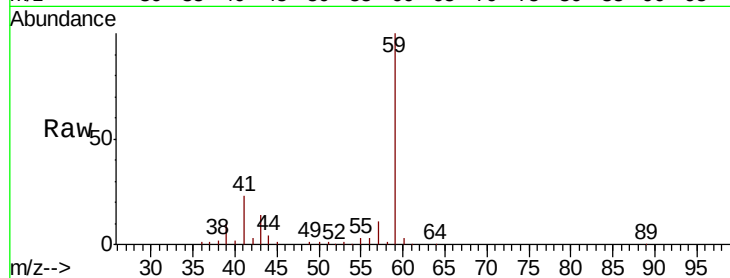


#11

Tert butyl alcohol
 Concen: 104.214 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

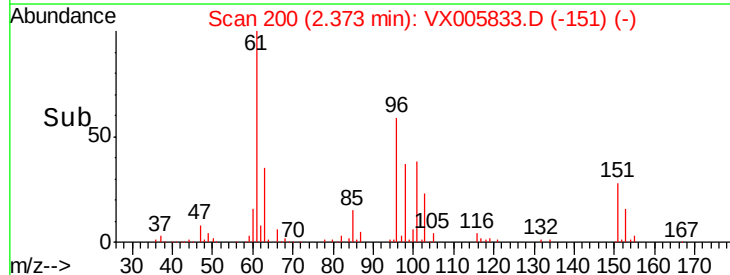
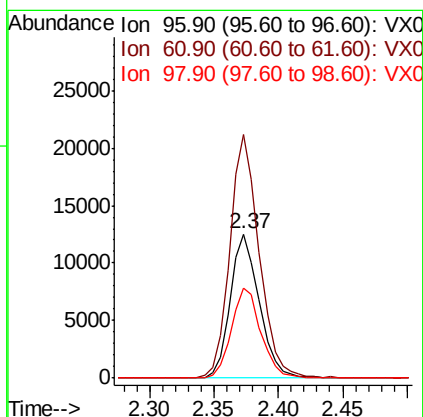
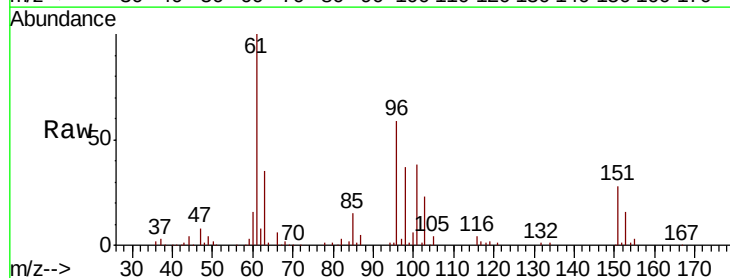
Tgt Ion: 59 Resp: 39392
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

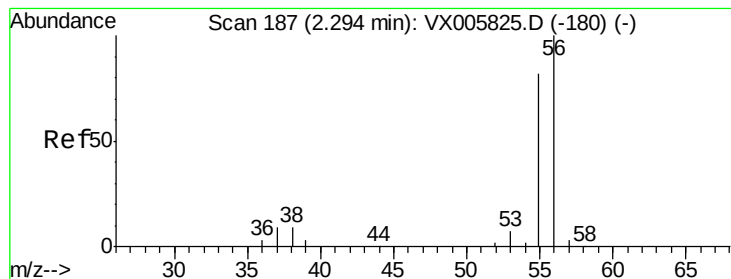


#12

1,1-Dichloroethene
 Concen: 19.418 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

Tgt Ion: 96 Resp: 19699
 Ion Ratio Lower Upper
 96 100
 61 169.2 131.8 197.8
 98 62.2 53.4 80.2





#13

Acrolein

Concen: 107.184 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

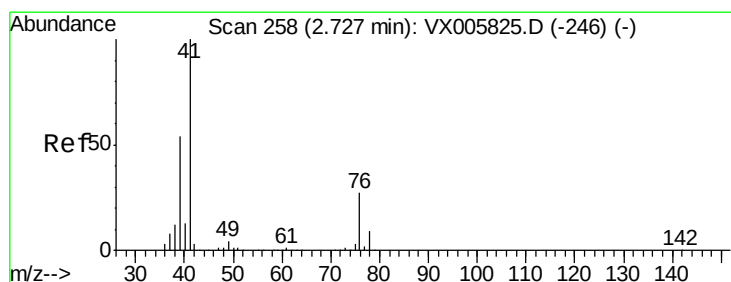
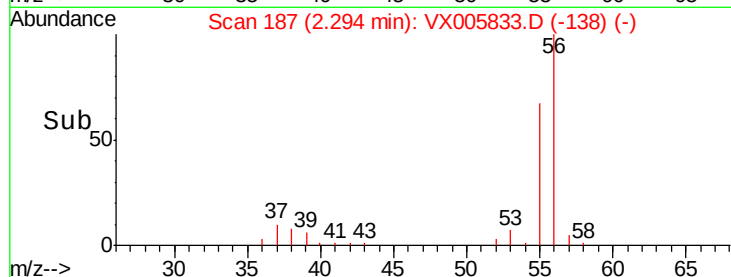
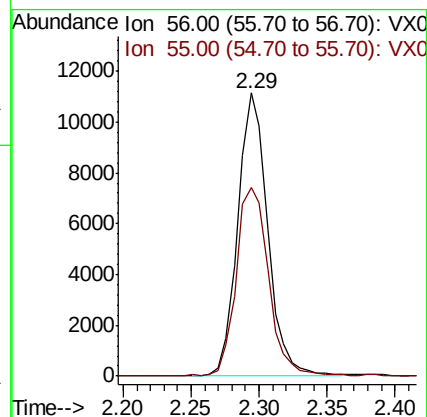
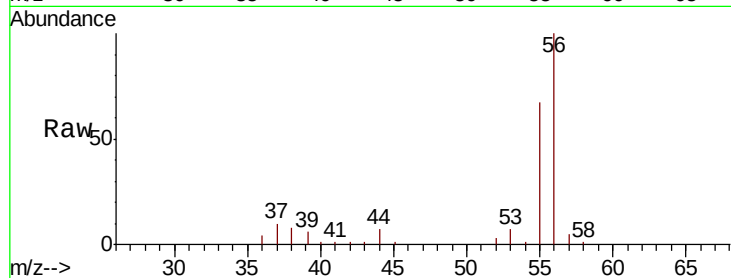
VX1107WBSD01

Tgt Ion: 56 Resp: 17181

Ion Ratio Lower Upper

56 100

55 71.9 57.3 85.9



#14

Allyl chloride

Concen: 20.270 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

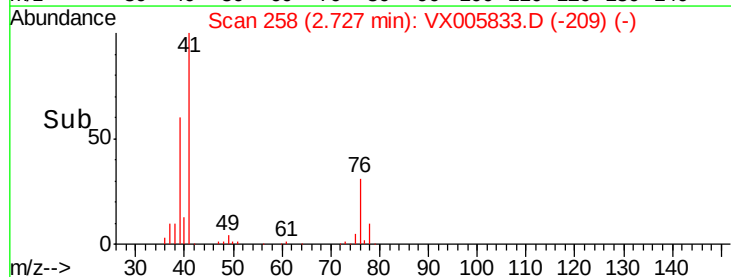
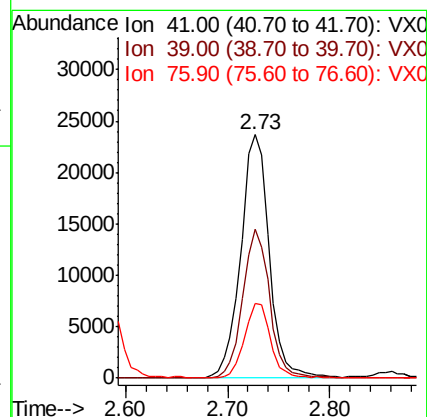
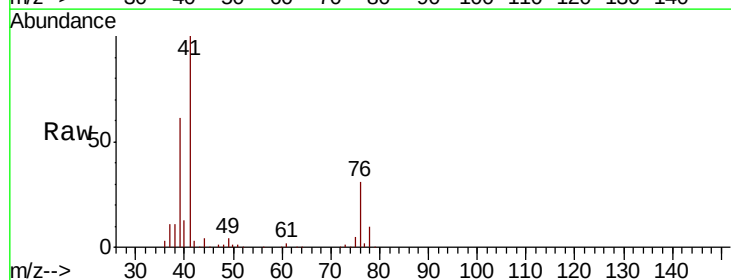
Tgt Ion: 41 Resp: 45928

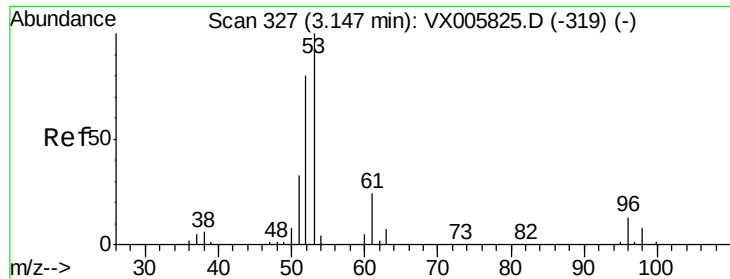
Ion Ratio Lower Upper

41 100

39 58.0 48.2 72.4

76 28.0 21.9 32.9





#15

Acrylonitrile

Concen: 106.251 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

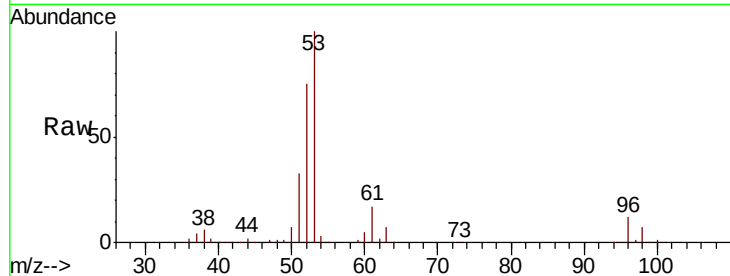
Tgt Ion: 53 Resp: 83231

Ion Ratio Lower Upper

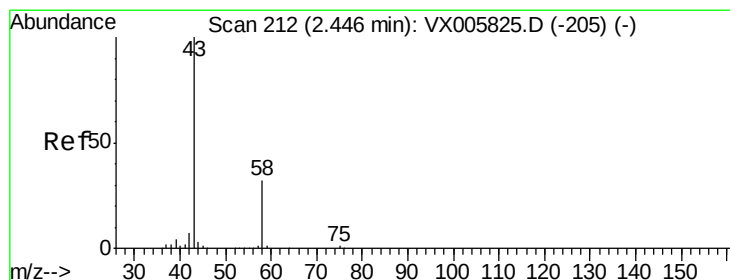
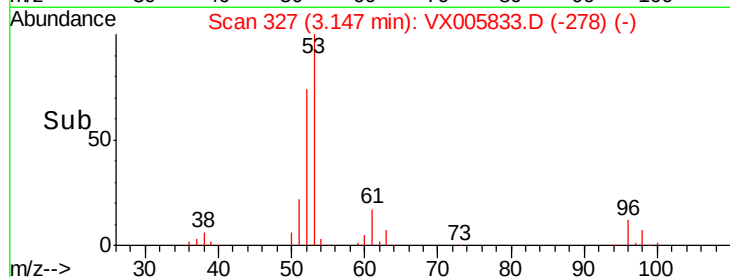
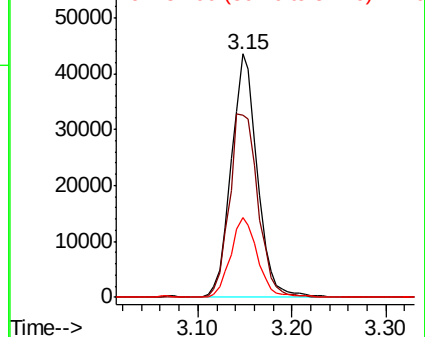
53 100

52 83.2 66.6 99.8

51 34.4 28.4 42.6



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



#16

Acetone

Concen: 107.967 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005833.D

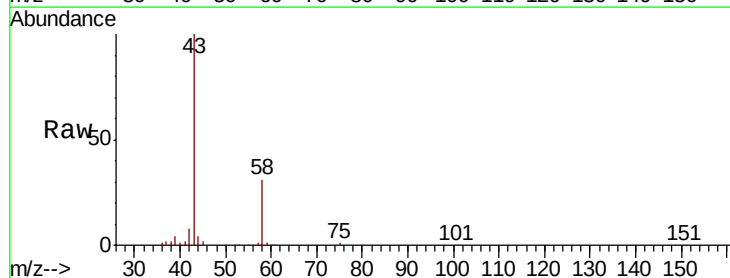
Acq: 07 Nov 2018 17:44

Tgt Ion: 43 Resp: 76705

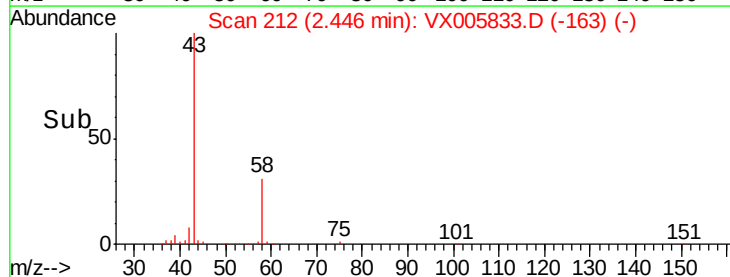
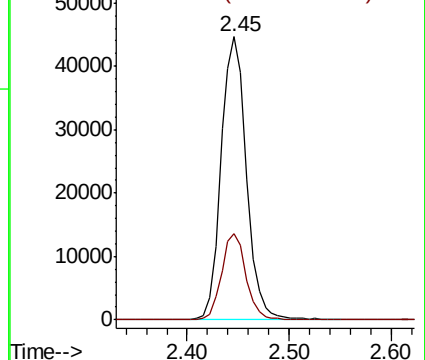
Ion Ratio Lower Upper

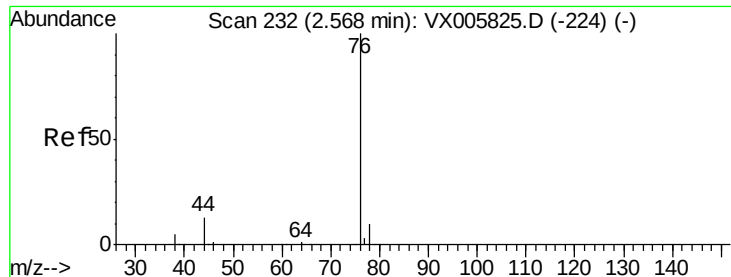
43 100

58 30.7 23.8 35.6



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





#17

Carbon Disulfide

Concen: 20.363 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

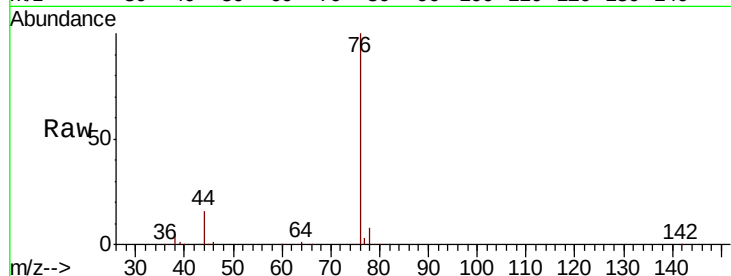
VX1107WBSD01

Tgt Ion: 76 Resp: 61619

Ion Ratio Lower Upper

76 100

78 8.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX005825.D (-224) (-)

Ion 77.90 (77.60 to 78.60): VX005825.D (-224) (-)

2.57

40000

30000

20000

10000

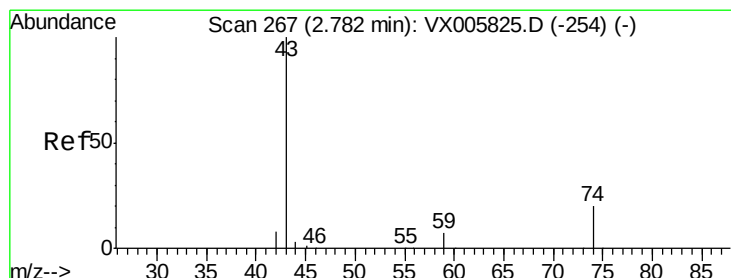
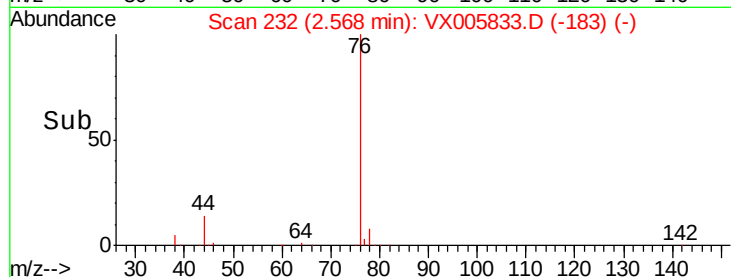
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 21.130 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005833.D

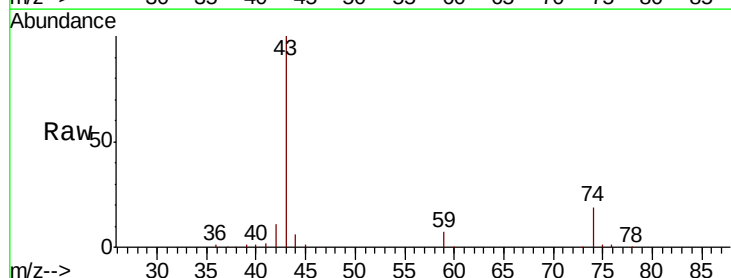
Acq: 07 Nov 2018 17:44

Tgt Ion: 43 Resp: 41861

Ion Ratio Lower Upper

43 100

74 20.2 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-254) (-)

Ion 74.00 (73.70 to 74.70): VX005825.D (-254) (-)

2.78

25000

20000

15000

10000

5000

0

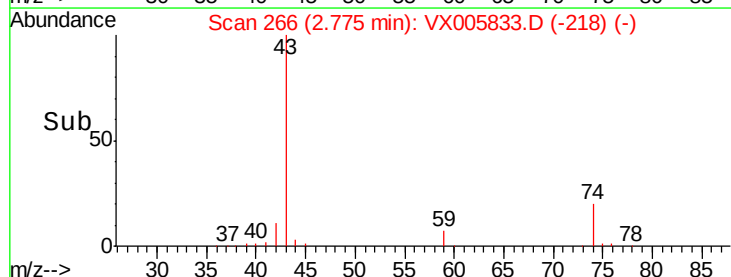
Time-->

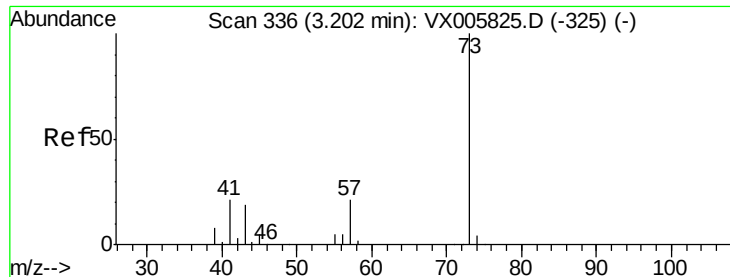
2.70

2.75

2.80

2.85

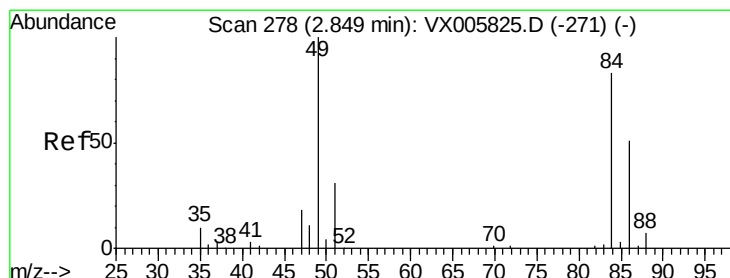
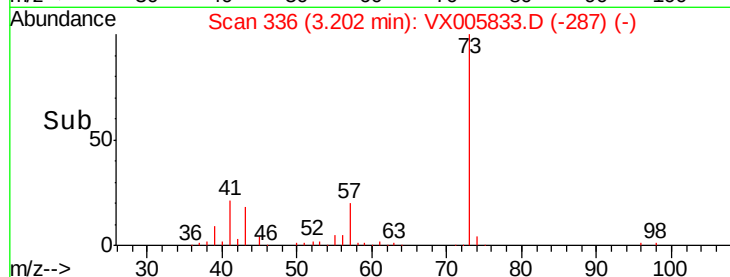
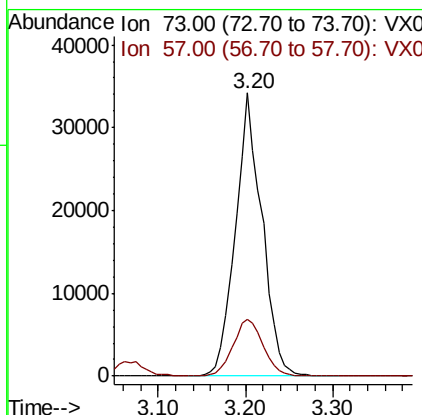
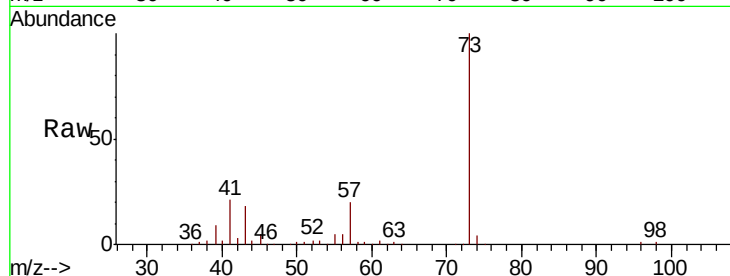




#19
Methyl tert-butyl Ether
Concen: 20.800 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

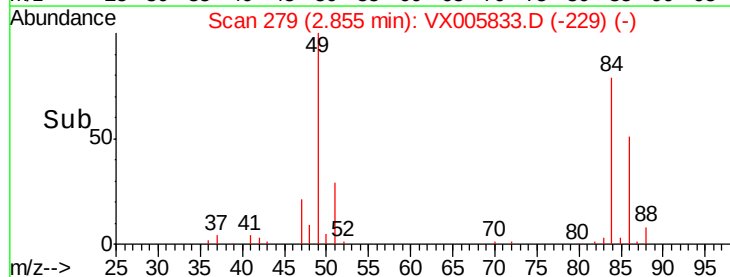
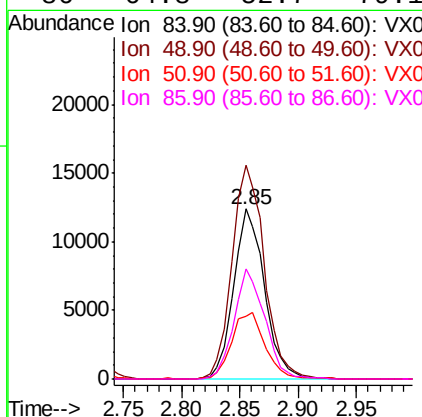
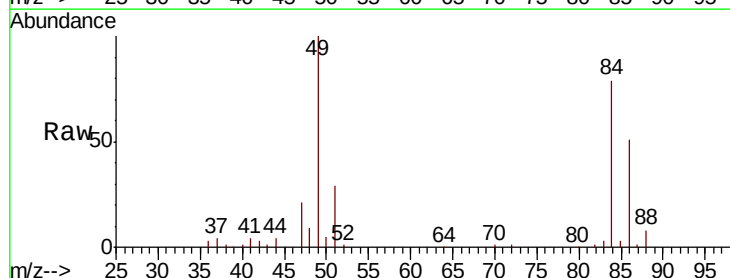
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

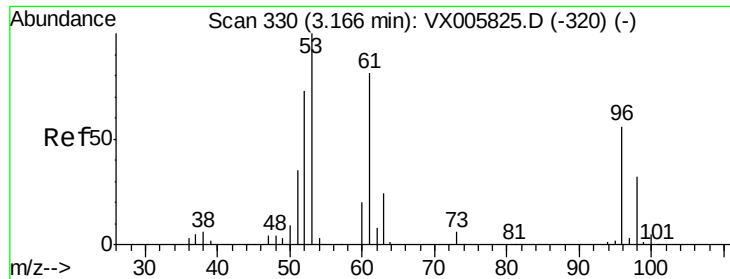
Tgt Ion: 73 Resp: 72022
Ion Ratio Lower Upper
73 100
57 19.9 18.8 28.2



#20
Methylene Chloride
Concen: 19.649 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Tgt Ion: 84 Resp: 22931
Ion Ratio Lower Upper
84 100
49 125.9 109.5 164.3
51 37.1 33.3 49.9
86 64.8 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.769 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

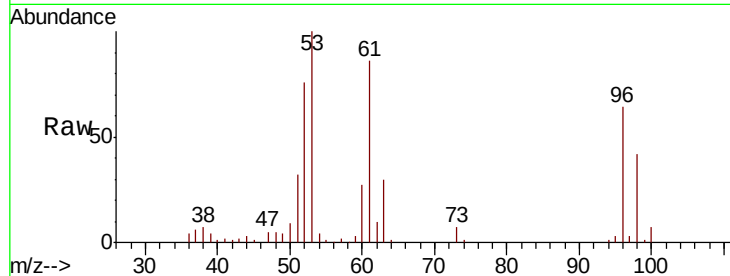
Tgt Ion: 96 Resp: 21153

Ion Ratio Lower Upper

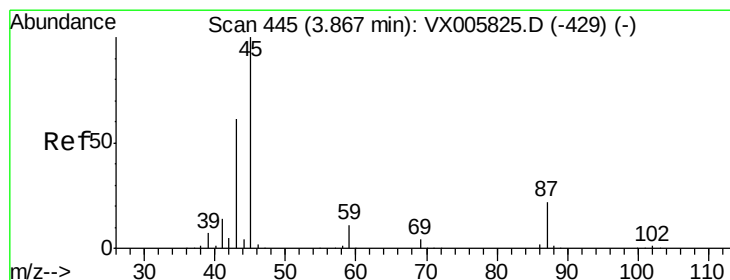
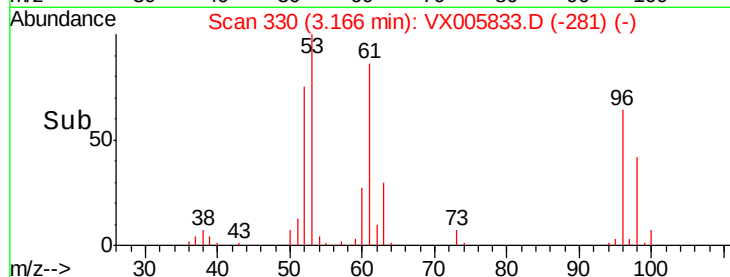
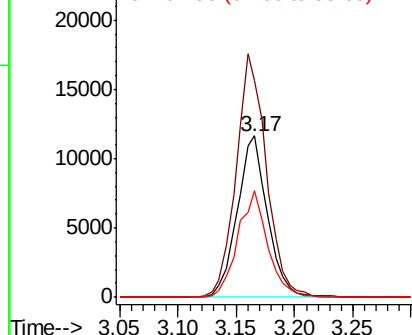
96 100

61 134.1 115.6 173.4

98 65.8 50.2 75.2



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



#22

Diisopropyl ether

Concen: 20.835 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Tgt Ion: 45 Resp: 82697

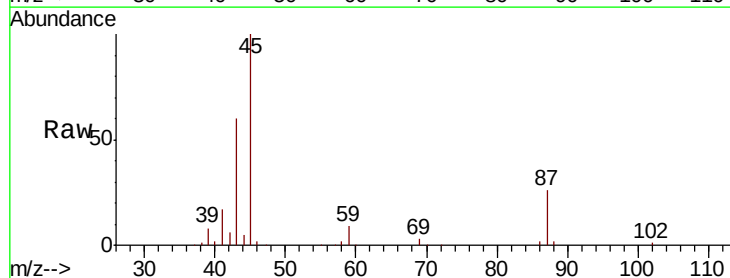
Ion Ratio Lower Upper

45 100

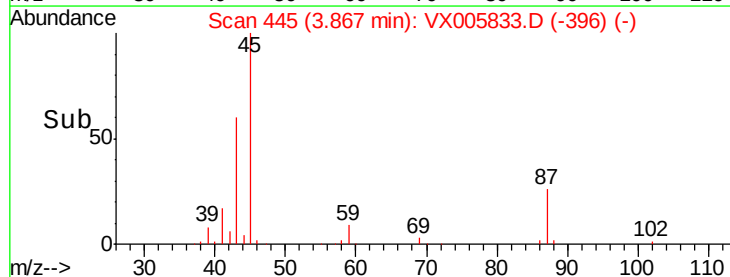
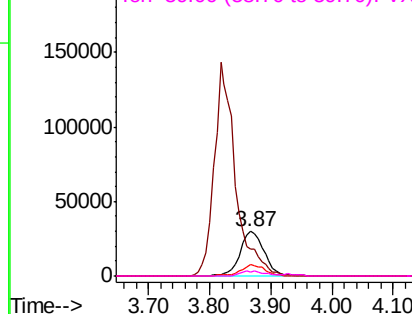
43 59.3 47.4 71.2

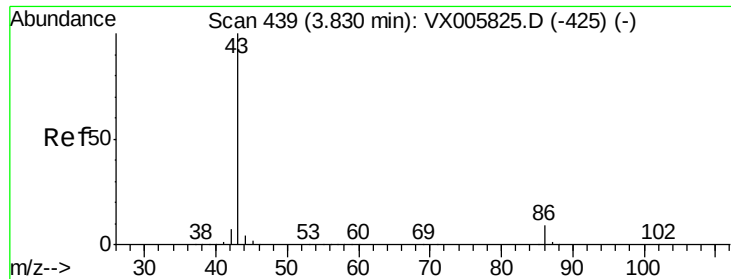
87 26.3 15.9 23.9#

59 8.9 7.7 11.5



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: 103.867 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

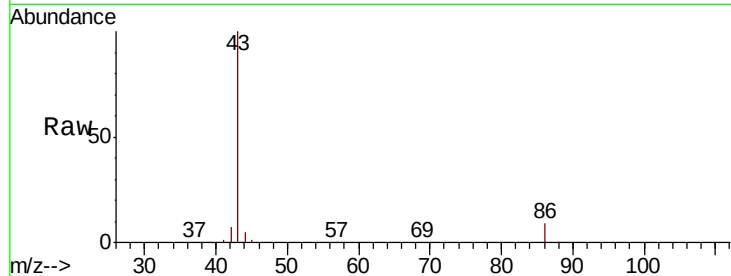
VX1107WBSD01

Tgt Ion: 43 Resp: 353481

Ion Ratio Lower Upper

43 100

86 8.8 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

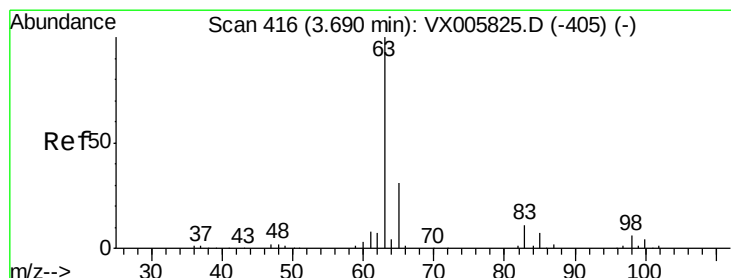
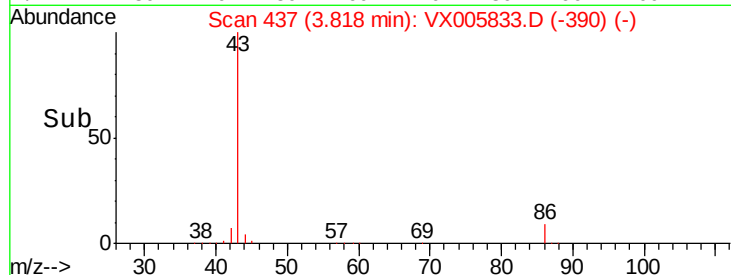
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.161 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

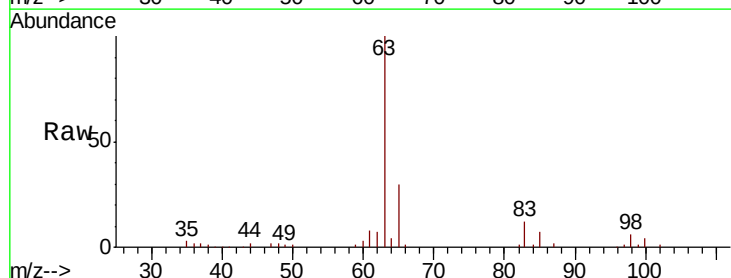
Tgt Ion: 63 Resp: 42692

Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 3.7 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

25000

20000

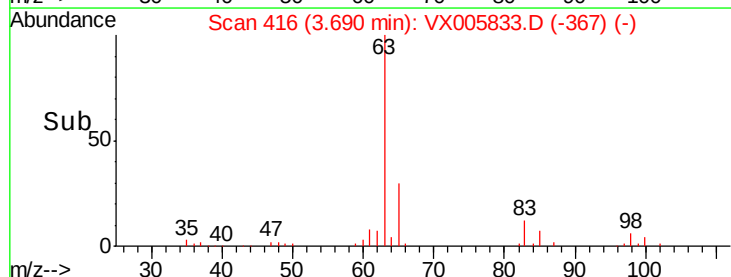
15000

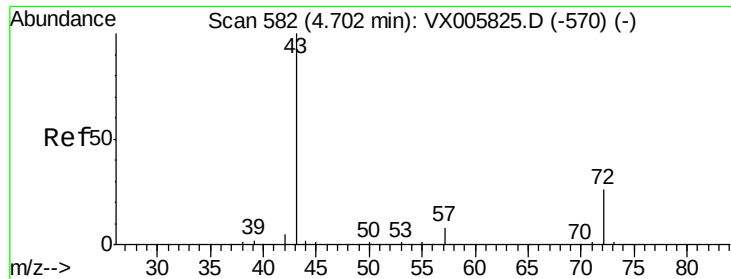
10000

5000

0

Time-->





#25

2-Butanone

Concen: 104.024 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

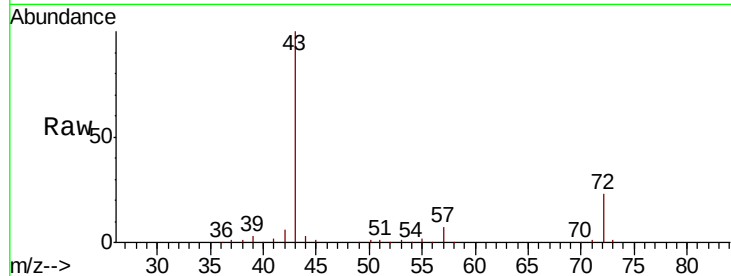
VX1107WBSD01

Tgt Ion: 43 Resp: 116189

Ion Ratio Lower Upper

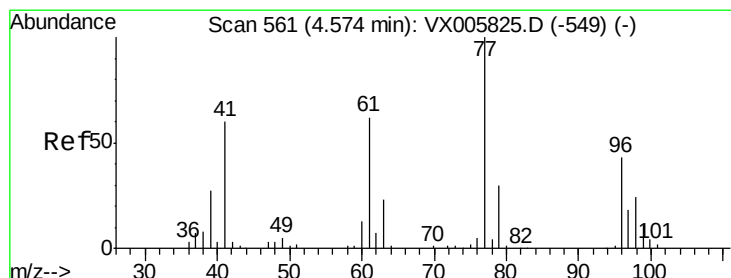
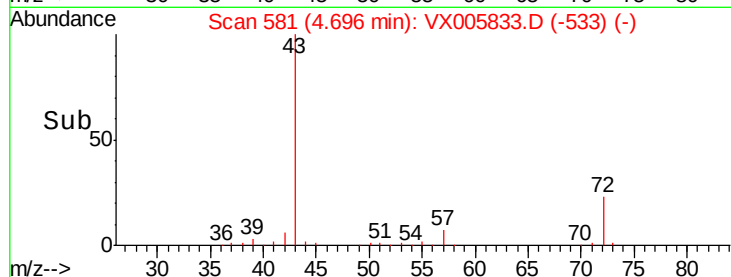
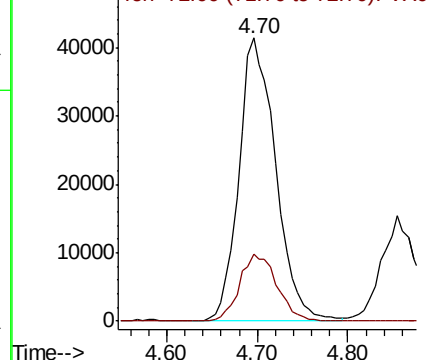
43 100

72 23.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.440 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005833.D

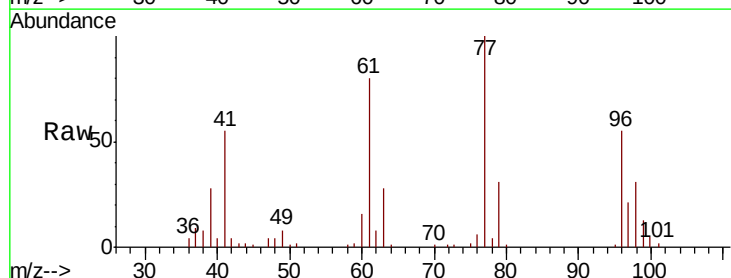
Acq: 07 Nov 2018 17:44

Tgt Ion: 77 Resp: 31751

Ion Ratio Lower Upper

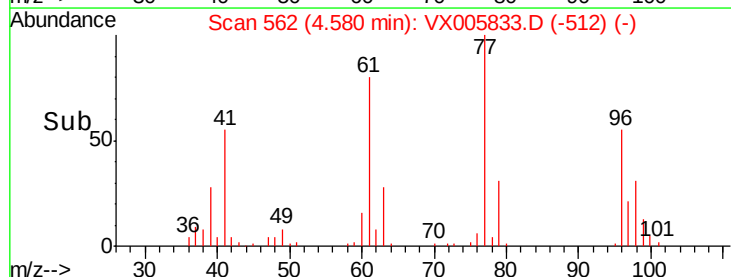
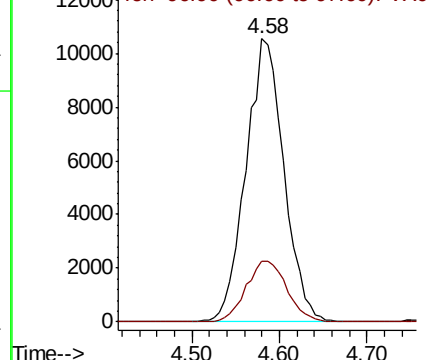
77 100

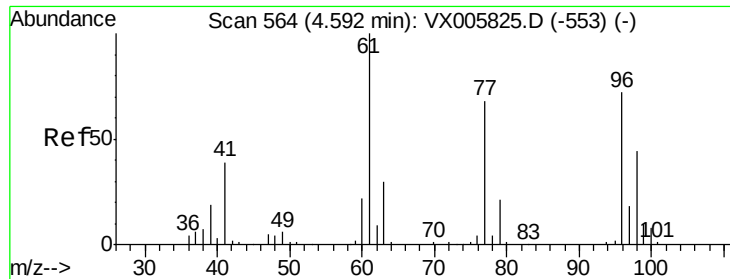
97 23.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



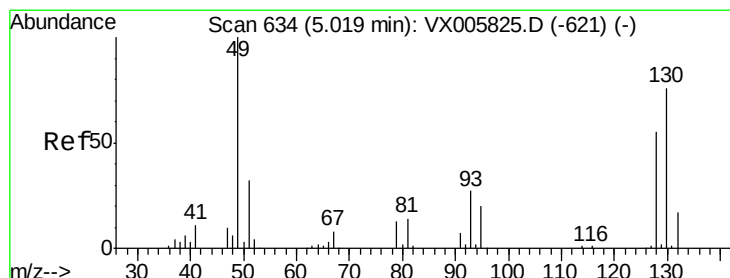
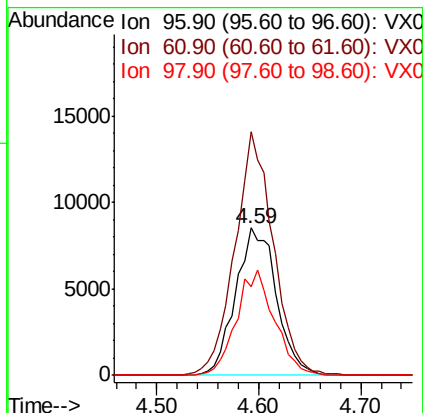
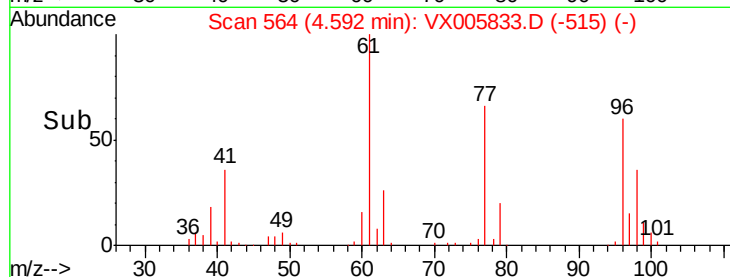
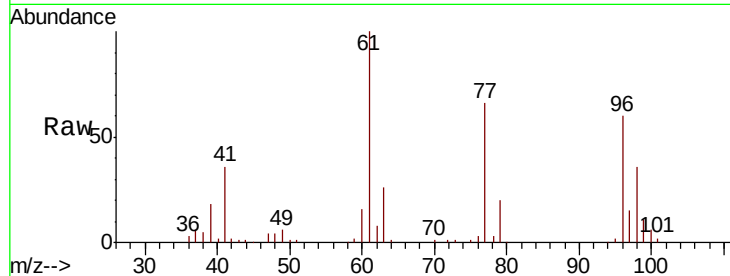


#27

cis-1,2-Dichloroethene
Concen: 20.044 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

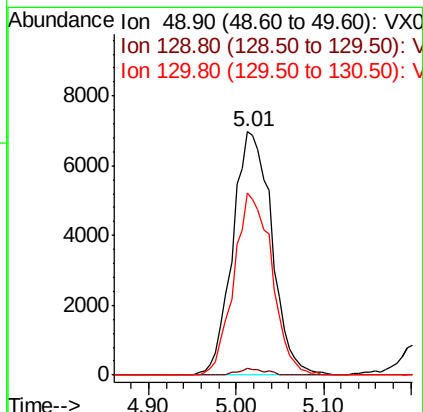
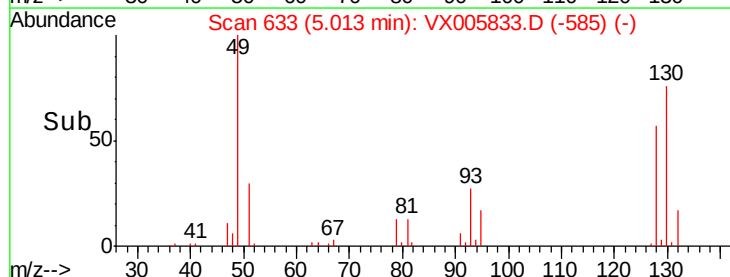
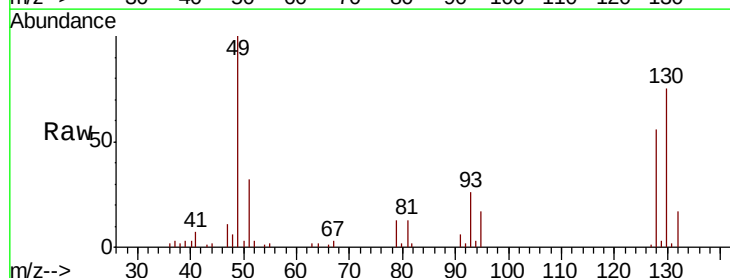
Tgt Ion: 96 Resp: 23683
Ion Ratio Lower Upper
96 100
61 156.0 0.0 304.6
98 66.2 0.0 127.4

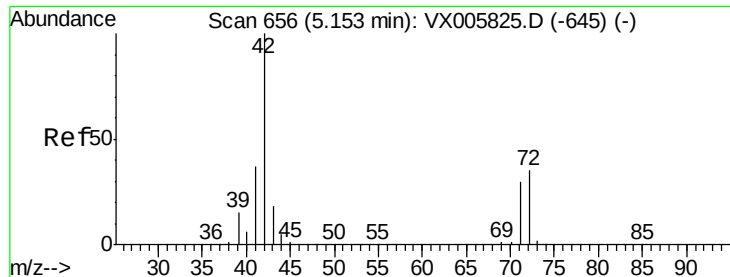


#28

Bromochloromethane
Concen: 22.922 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Tgt Ion: 49 Resp: 21693
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 72.5 58.9 88.3

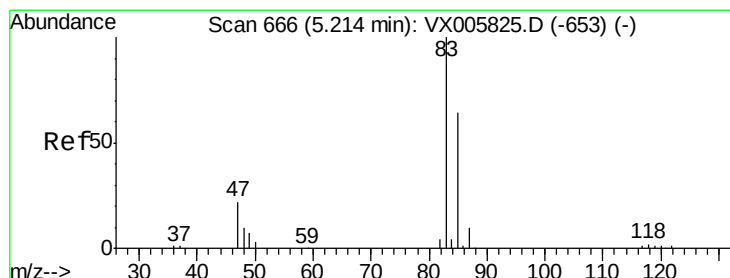
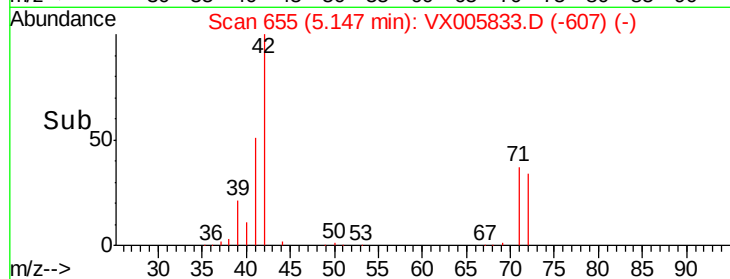
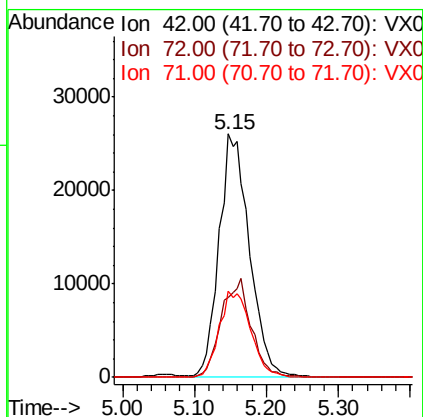
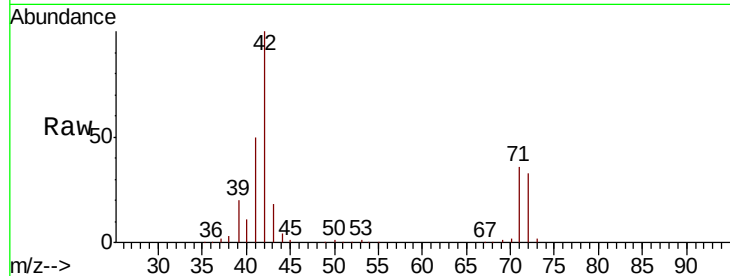




#29
Tetrahydrofuran
Concen: 106.279 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

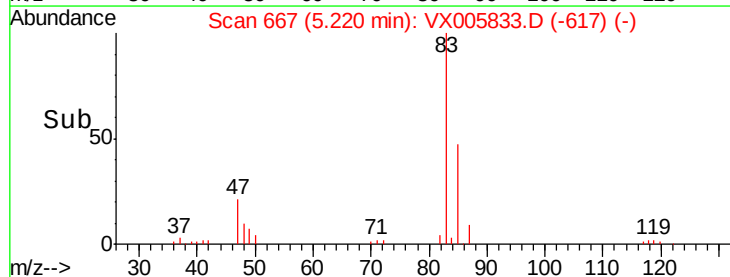
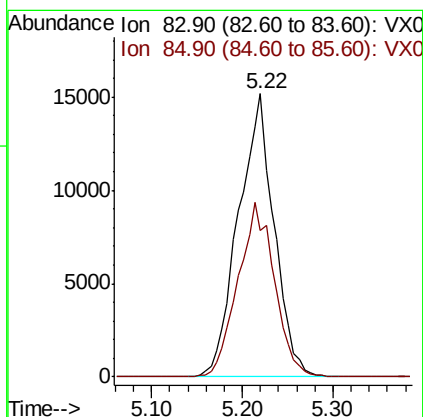
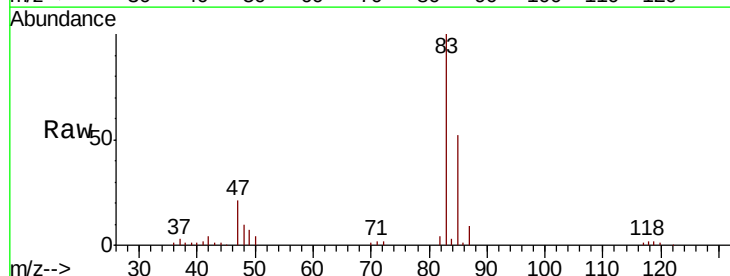
Instrument :
MSVOA_X
ClientSampled :
VX1107WBSD01

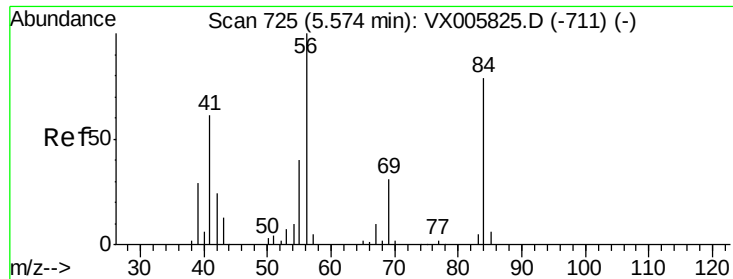
Tgt Ion: 42 Resp: 76219
Ion Ratio Lower Upper
42 100
72 39.8 32.0 48.0
71 36.7 29.8 44.8



#30
Chloroform
Concen: 20.225 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Tgt Ion: 83 Resp: 41319
Ion Ratio Lower Upper
83 100
85 51.7 50.6 76.0

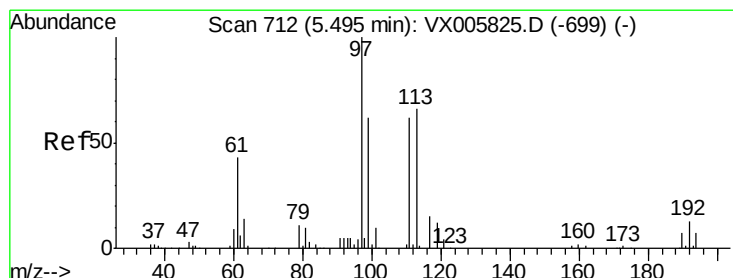
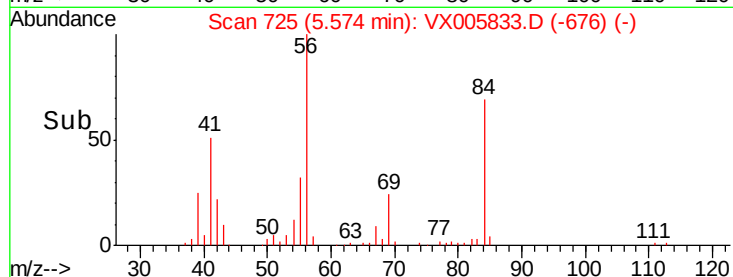
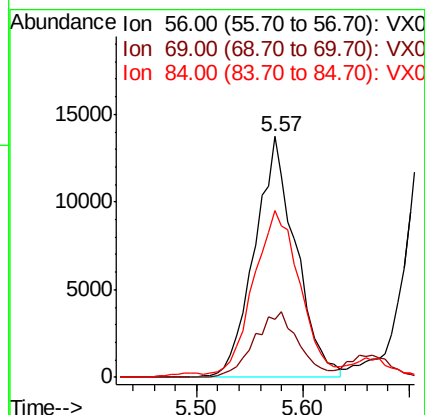
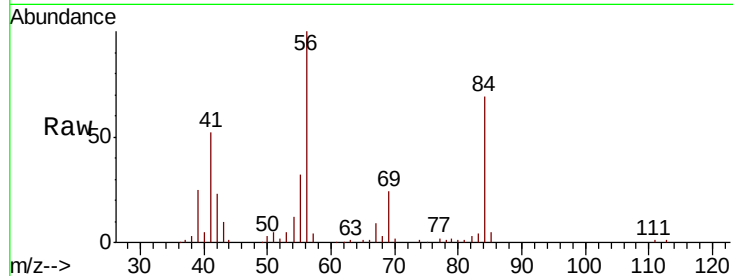




#31
Cyclohexane
Concen: 20.220 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

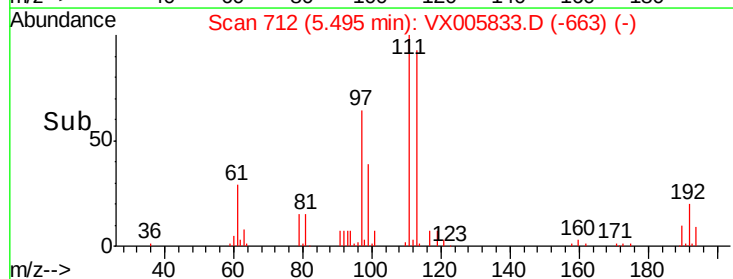
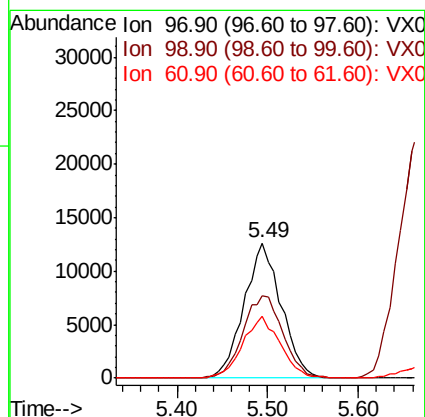
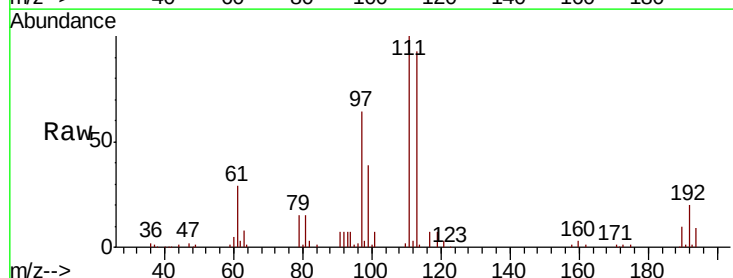
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

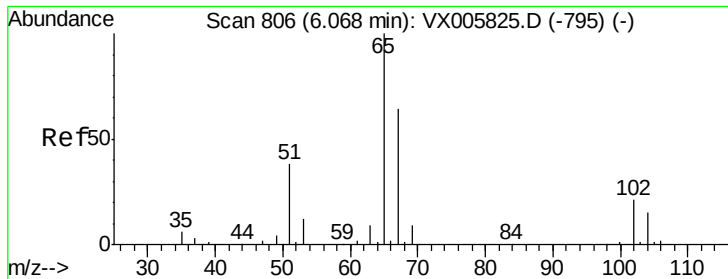
Tgt Ion: 56 Resp: 37169
Ion Ratio Lower Upper
56 100
69 24.3 22.6 34.0
84 67.7 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 21.017 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Tgt Ion: 97 Resp: 35814
Ion Ratio Lower Upper
97 100
99 65.1 52.3 78.5
61 46.2 35.2 52.8

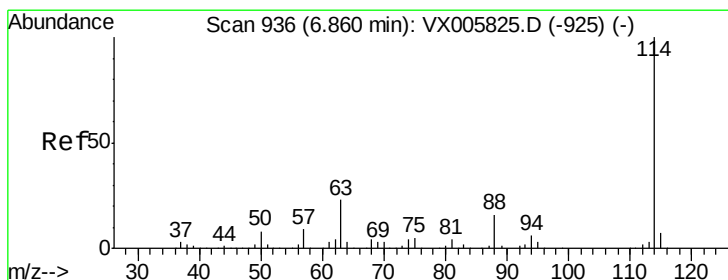
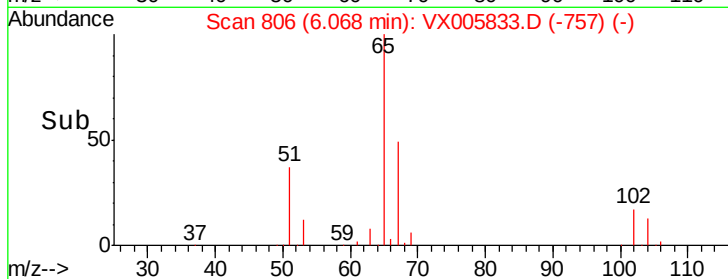
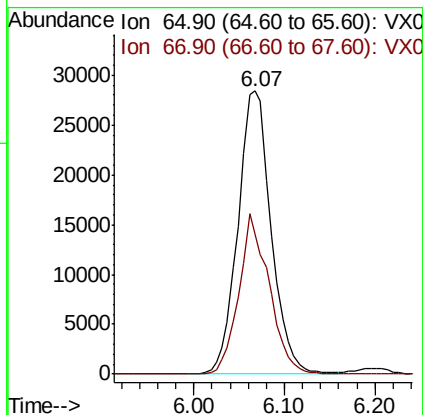
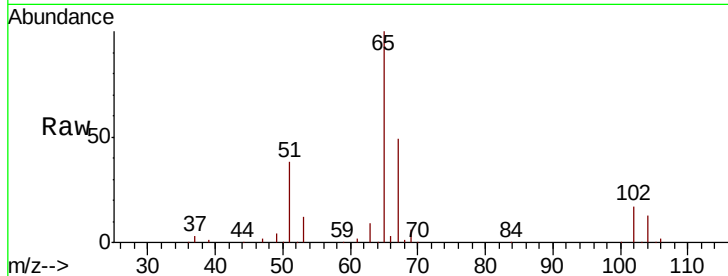




#33
 1,2-Dichloroethane-d4
 Concen: 54.640 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

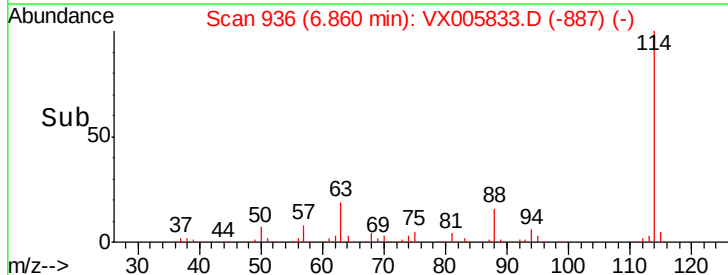
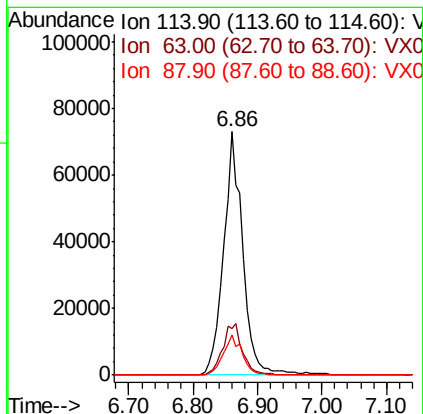
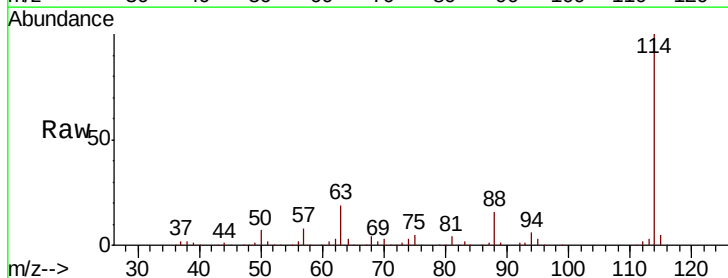
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

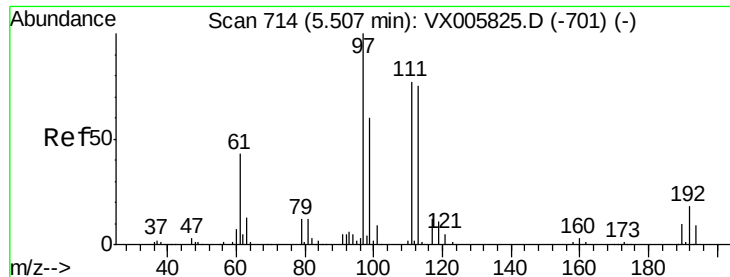
Tgt Ion: 65 Resp: 72098
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

Tgt Ion: 114 Resp: 154821
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.8
 88 16.5 0.0 31.2

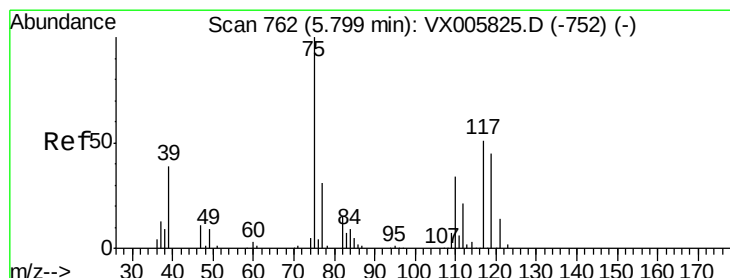
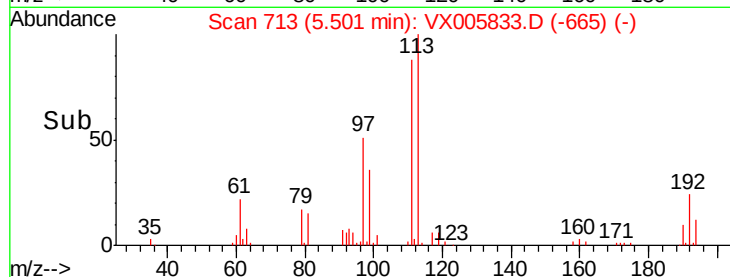
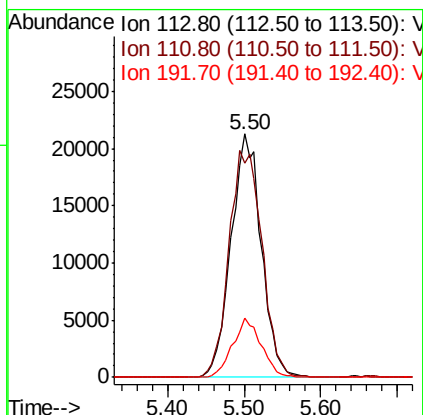
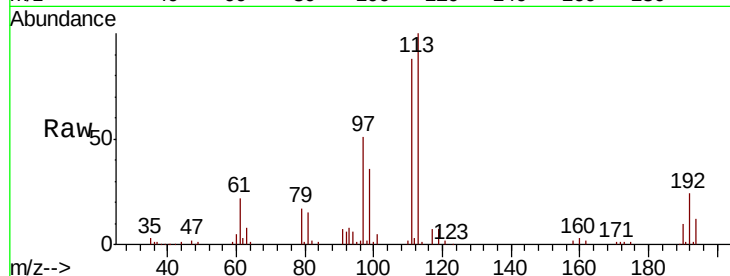




#35
 Dibromofluoromethane
 Concen: 55.258 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

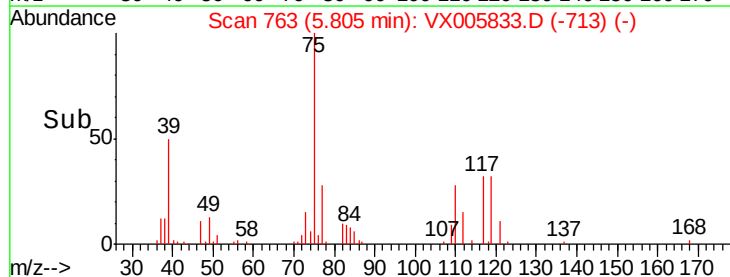
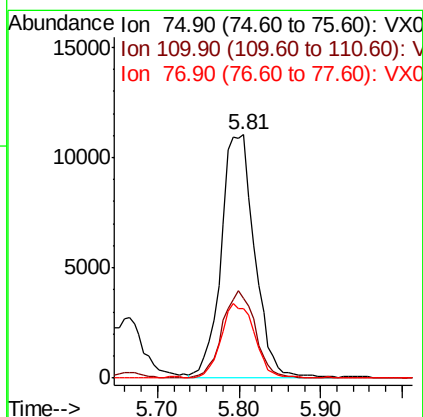
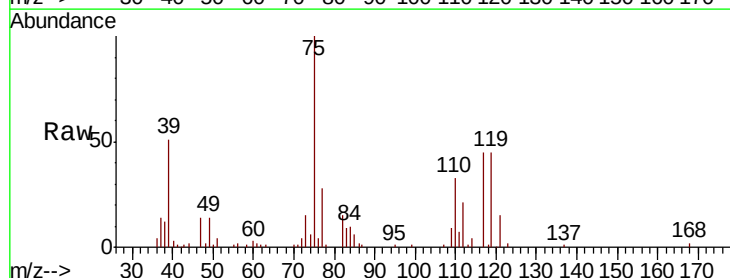
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

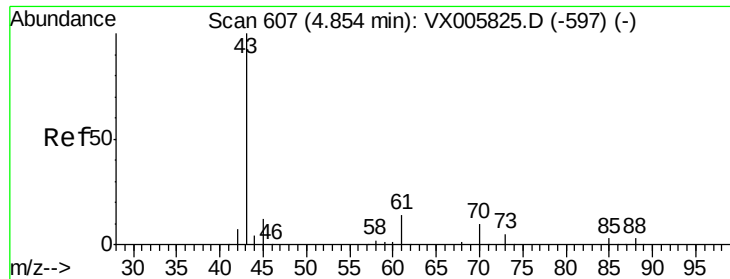
Tgt Ion:113 Resp: 58188
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.3 123.5
 192 23.1 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 21.087 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

Tgt Ion: 75 Resp: 31473
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.4 52.2
 77 30.4 25.8 38.6

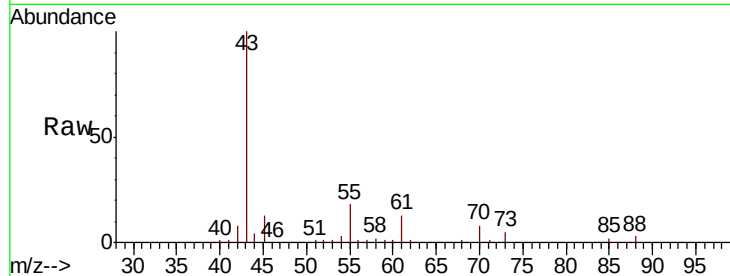




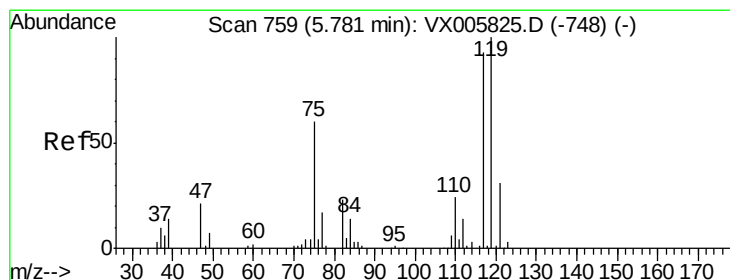
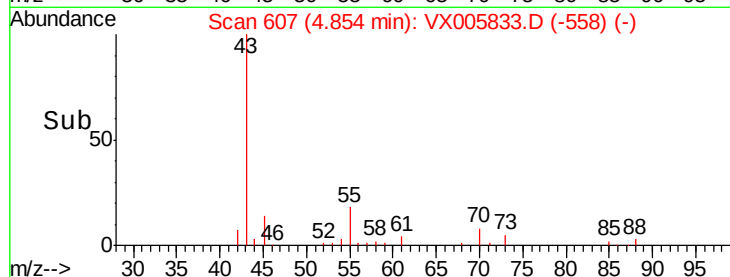
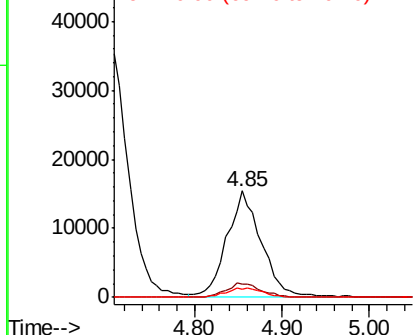
#37
Ethyl Acetate
Concen: 21.080 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion: 43 Resp: 41373
Ion Ratio Lower Upper
43 100
61 13.8 10.8 16.2
70 9.5 7.8 11.8

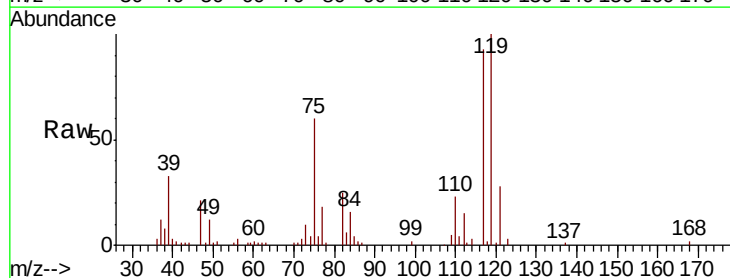


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

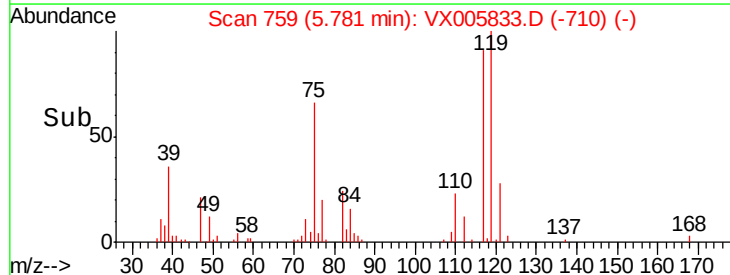
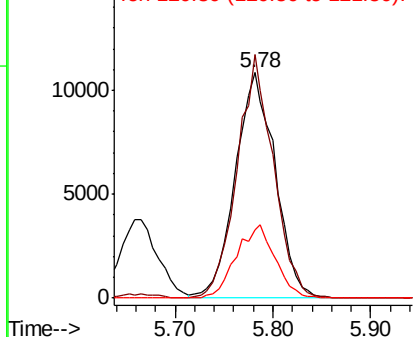


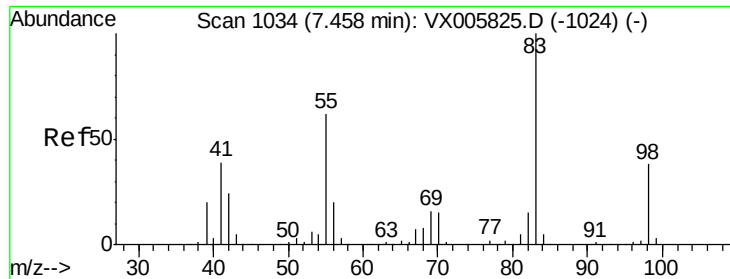
#38
Carbon Tetrachloride
Concen: 20.597 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Tgt Ion: 117 Resp: 30775
Ion Ratio Lower Upper
117 100
119 108.0 78.1 117.1
121 30.2 24.6 36.8



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

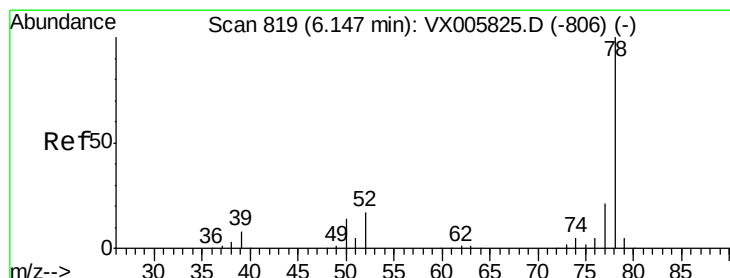
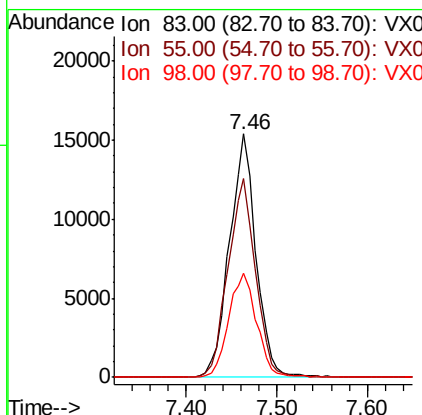
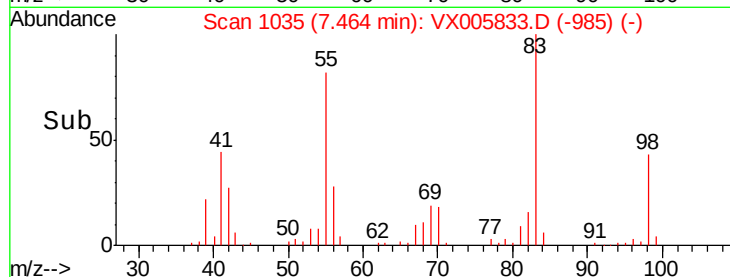
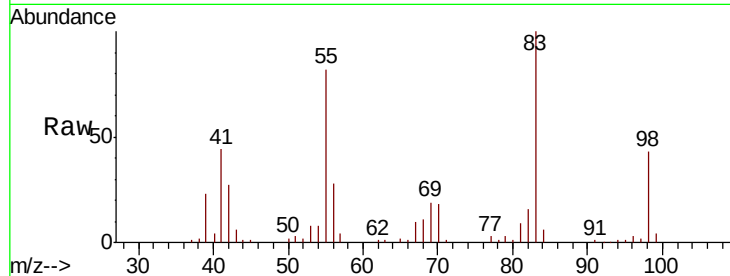




#39
Methylcyclohexane
Concen: 20.683 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

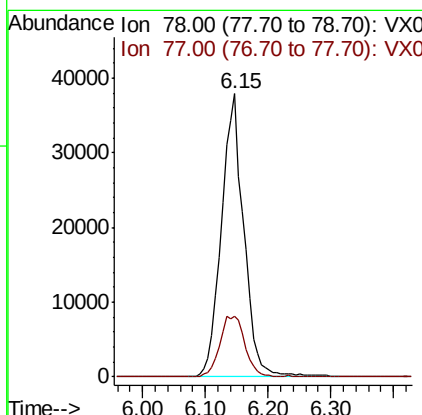
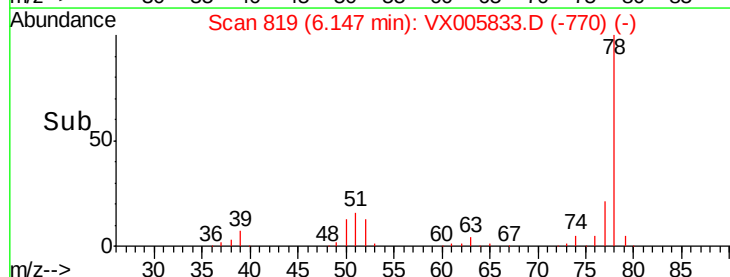
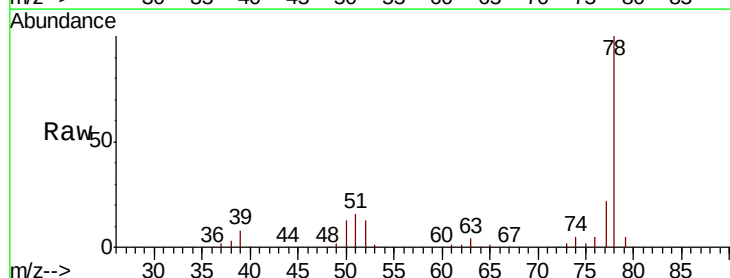
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

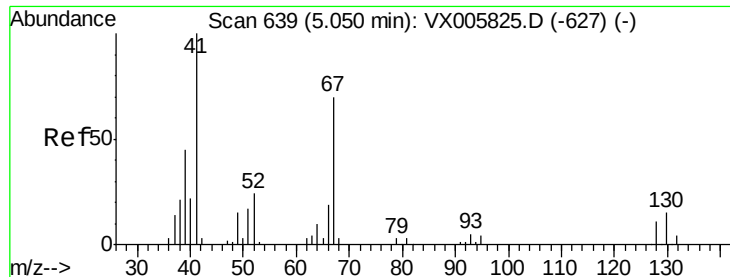
Tgt Ion: 83 Resp: 31287
Ion Ratio Lower Upper
83 100
55 81.9 63.7 95.5
98 42.9 36.2 54.2



#40
Benzene
Concen: 21.614 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Tgt Ion: 78 Resp: 94043
Ion Ratio Lower Upper
78 100
77 21.6 18.4 27.6

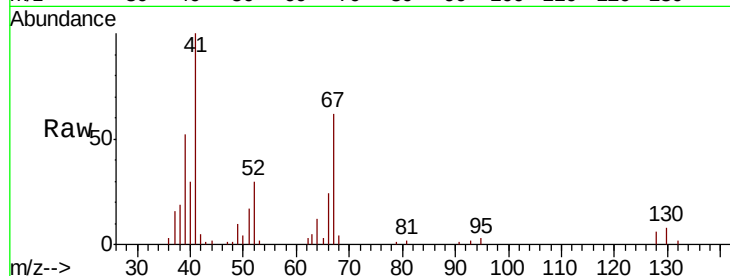




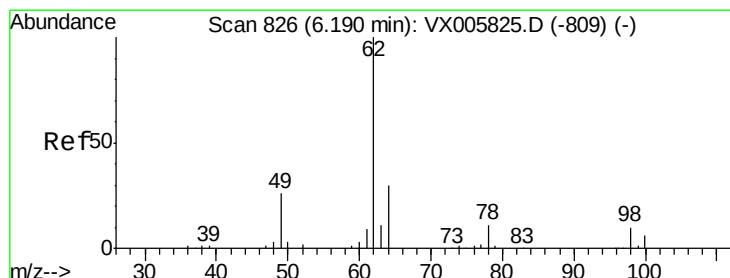
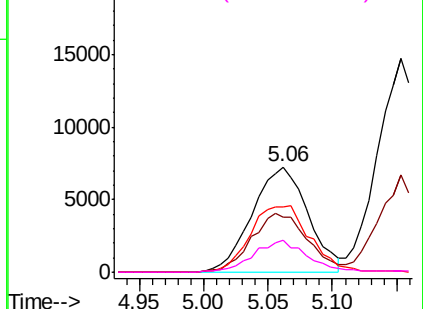
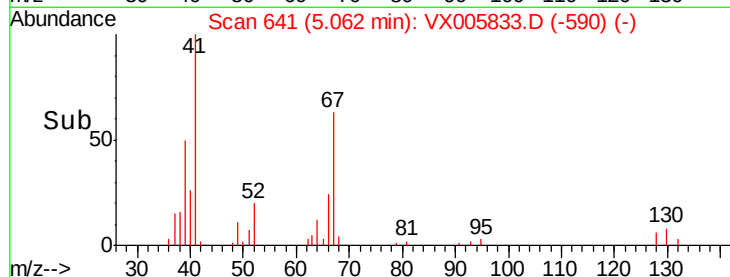
#41
Methacrylonitrile
Concen: 20.498 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion:	41	Resp:	21739
Ion	Ratio	Lower	Upper
41	100		
39	56.2	42.2	63.2
67	68.0	53.4	80.0
52	30.0	23.4	35.2

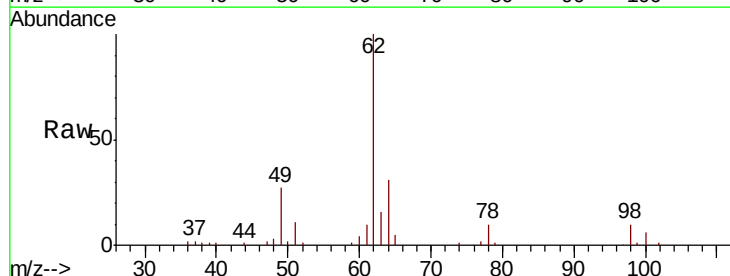


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

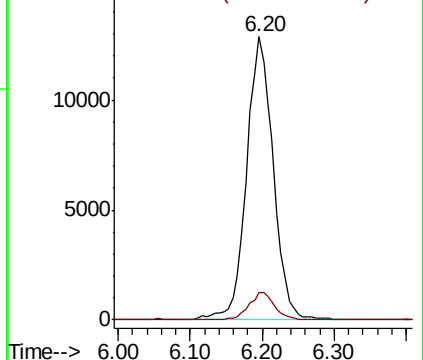
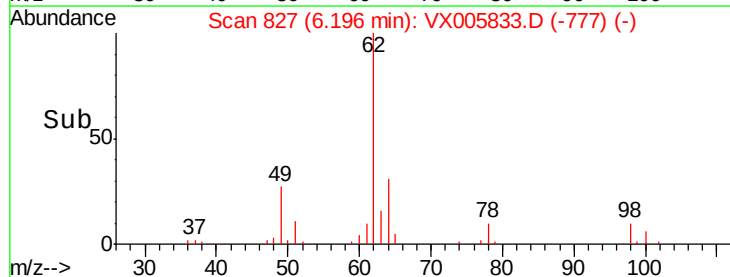


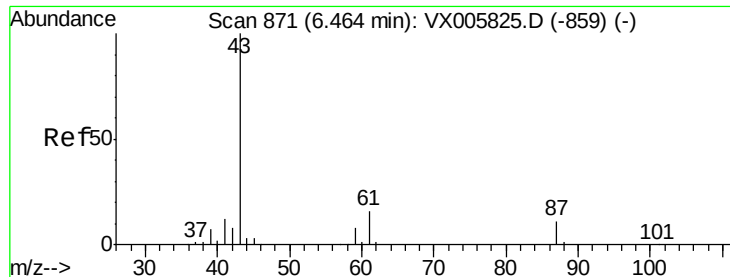
#42
1,2-Dichloroethane
Concen: 21.211 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Tgt Ion:	62	Resp:	33056
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.620 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

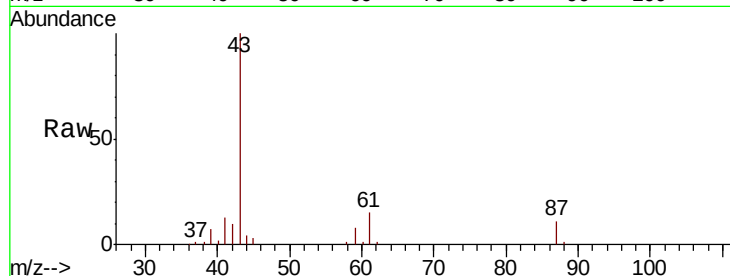
Tgt Ion: 43 Resp: 58643

Ion Ratio Lower Upper

43 100

61 18.5 14.6 22.0

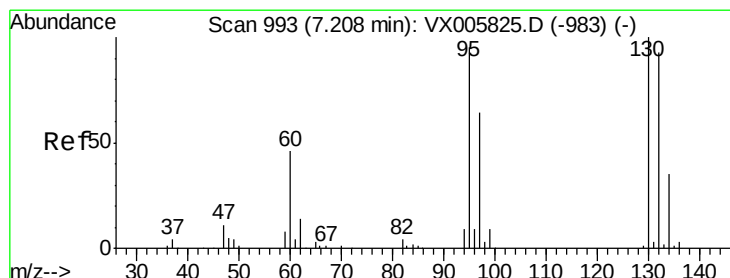
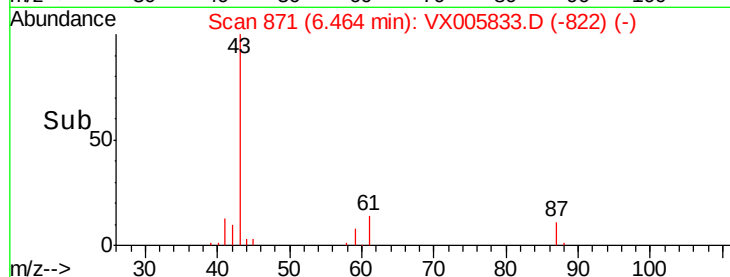
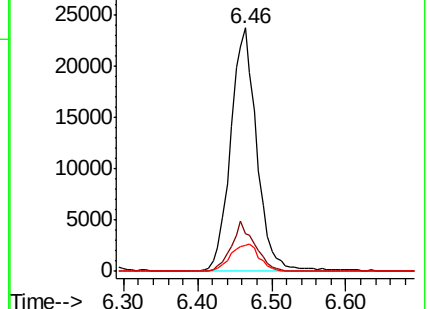
87 12.2 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.069 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005833.D

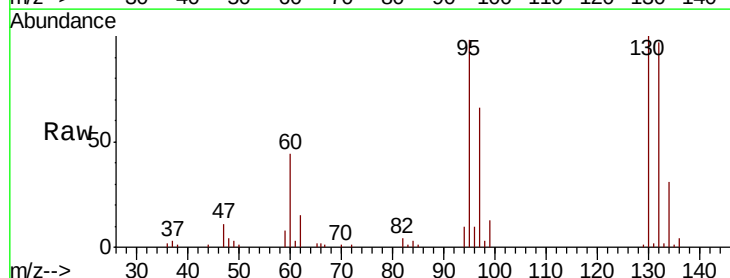
Acq: 07 Nov 2018 17:44

Tgt Ion: 130 Resp: 22175

Ion Ratio Lower Upper

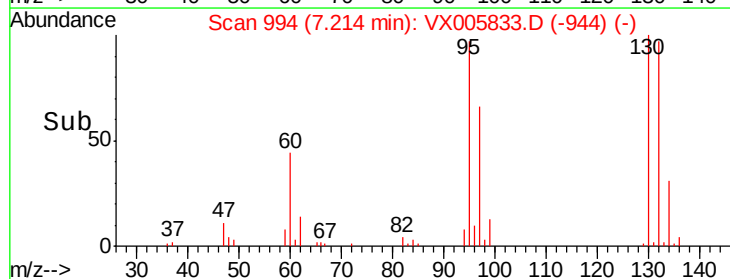
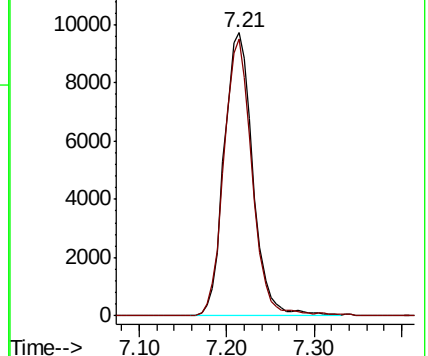
130 100

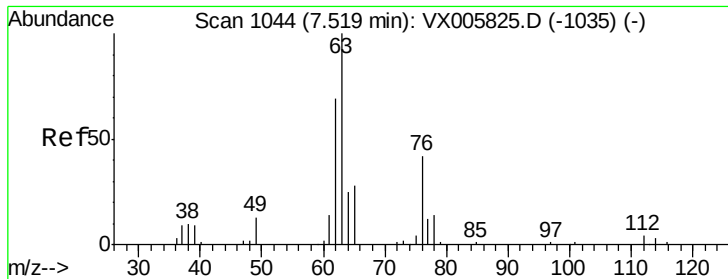
95 98.0 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.031 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

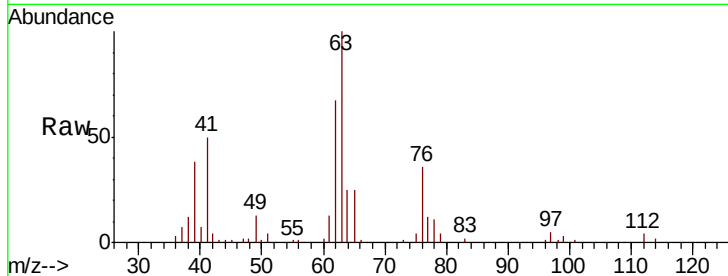
VX1107WBSD01

Tgt Ion: 63 Resp: 21154

Ion Ratio Lower Upper

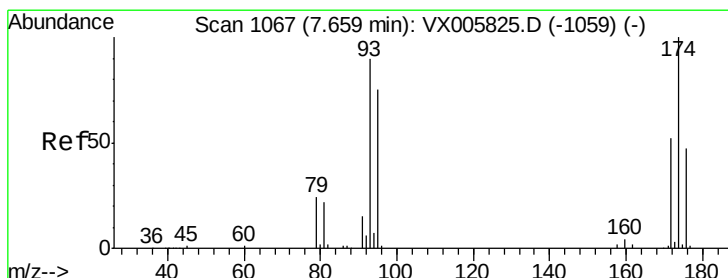
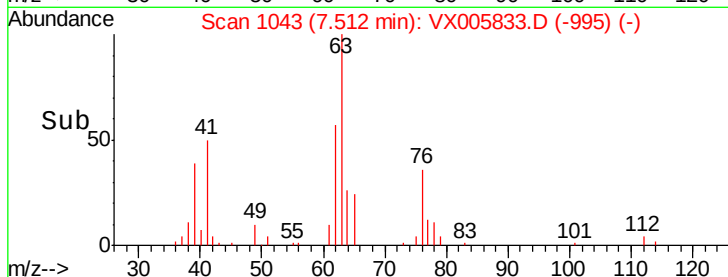
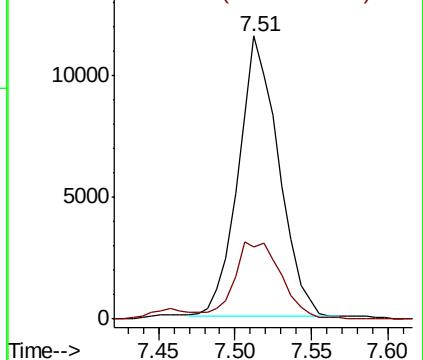
63 100

65 25.0 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.525 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

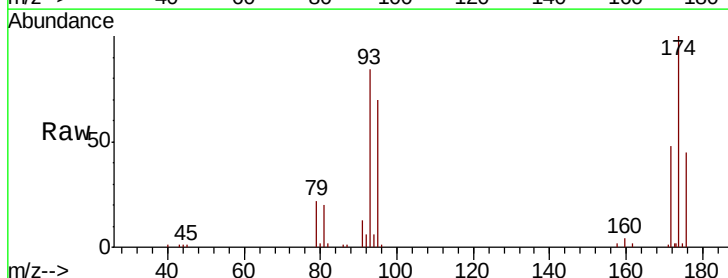
Tgt Ion: 93 Resp: 13602

Ion Ratio Lower Upper

93 100

95 83.0 67.4 101.0

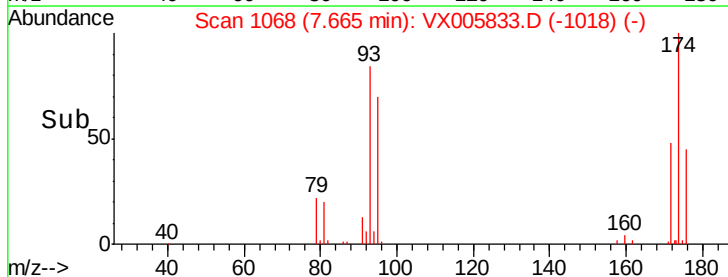
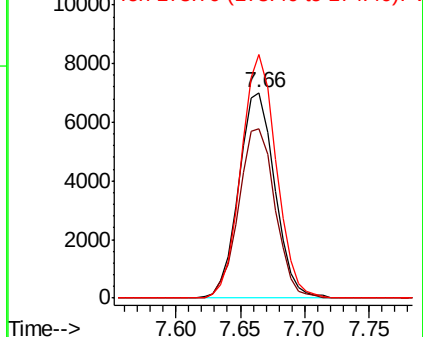
174 115.2 91.5 137.3

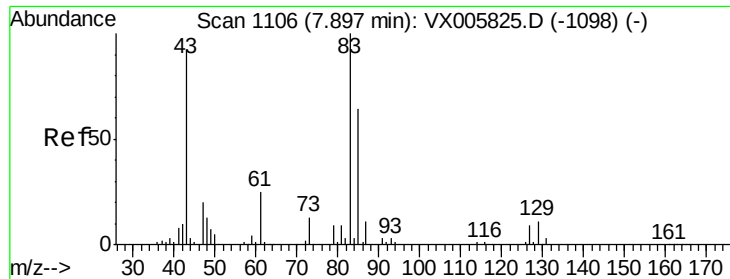


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.940 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

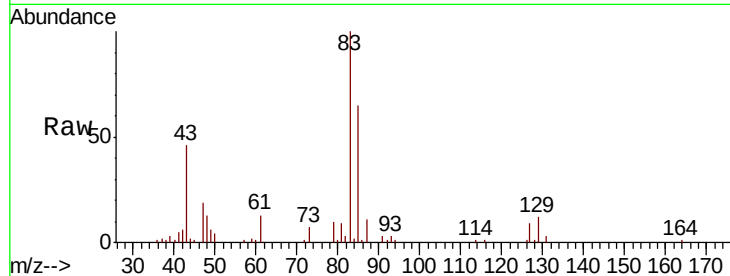
Tgt Ion: 83 Resp: 26225

Ion Ratio Lower Upper

83 100

85 65.1 50.2 75.4

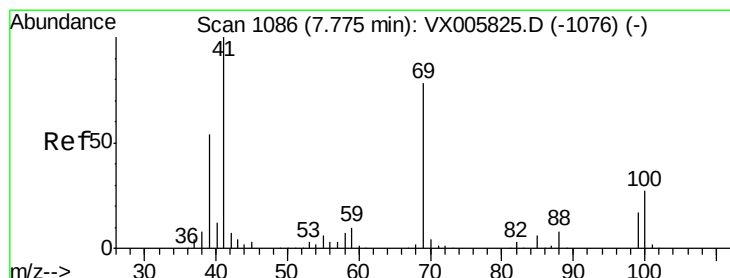
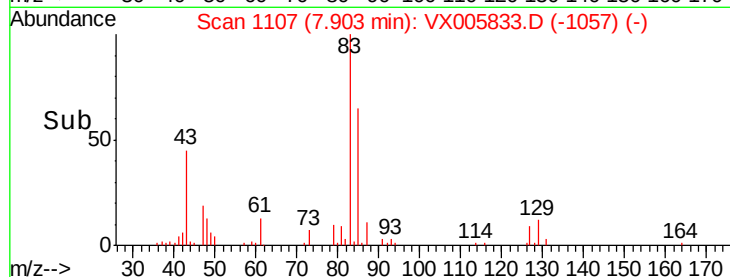
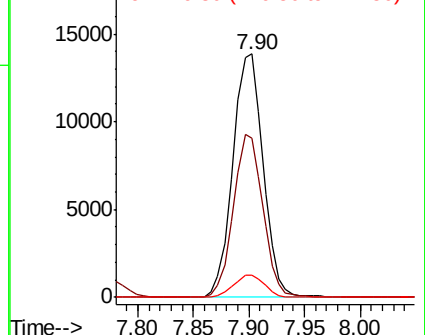
127 9.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.167 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

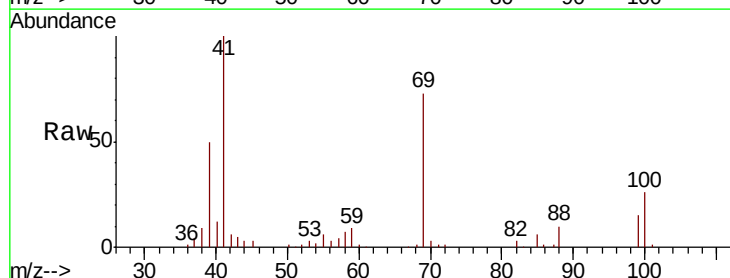
Tgt Ion: 41 Resp: 27030

Ion Ratio Lower Upper

41 100

69 76.2 63.2 94.8

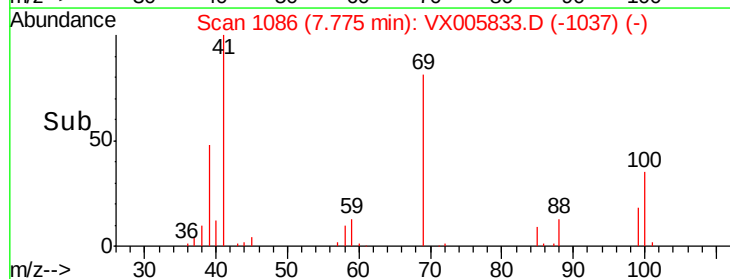
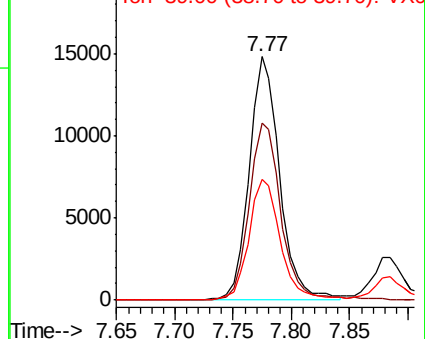
39 51.4 42.2 63.2

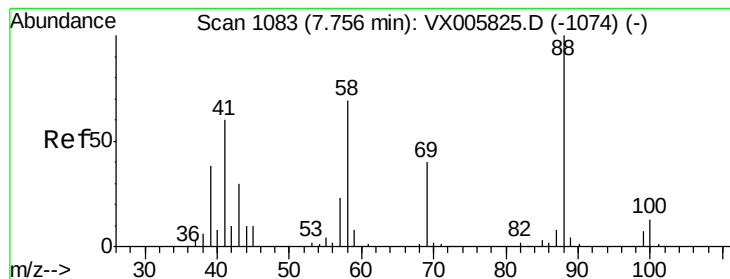


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 424.897 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

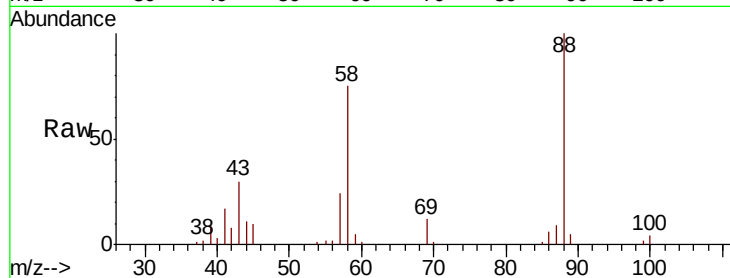
Tgt Ion: 88 Resp: 11692

Ion Ratio Lower Upper

88 100

43 35.7 27.4 41.0

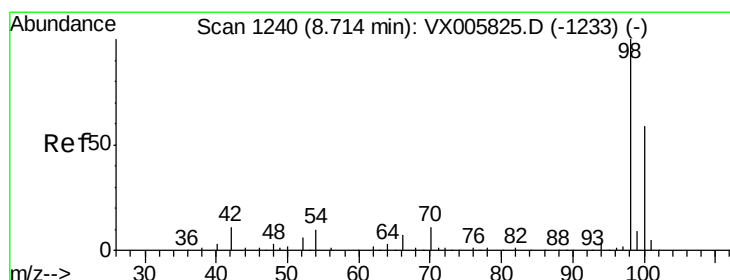
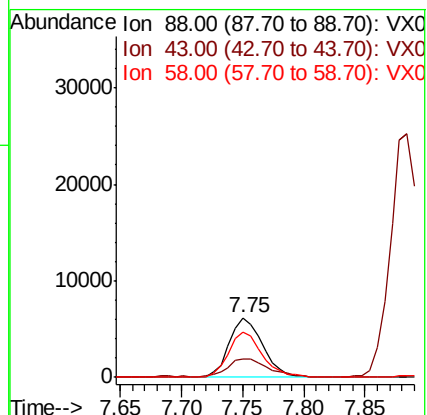
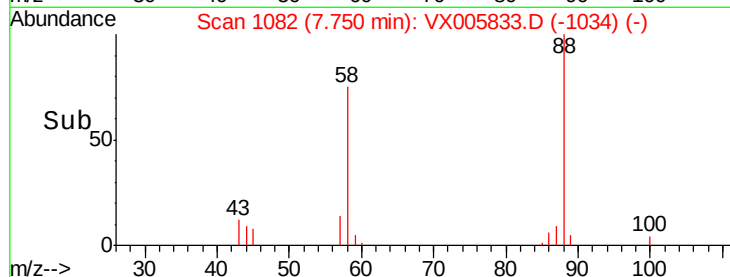
58 76.1 59.4 89.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 53.053 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005833.D

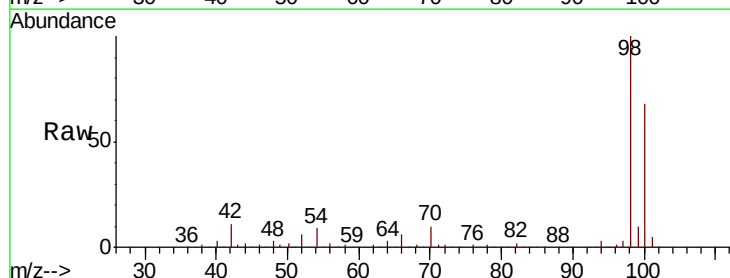
Acq: 07 Nov 2018 17:44

Tgt Ion: 98 Resp: 185729

Ion Ratio Lower Upper

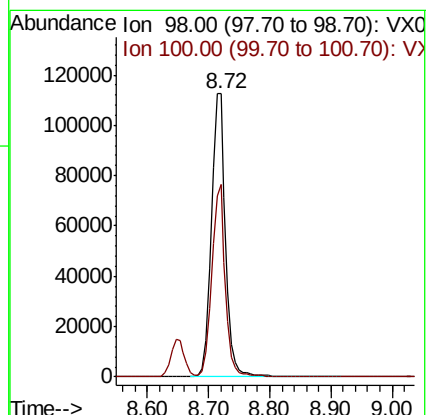
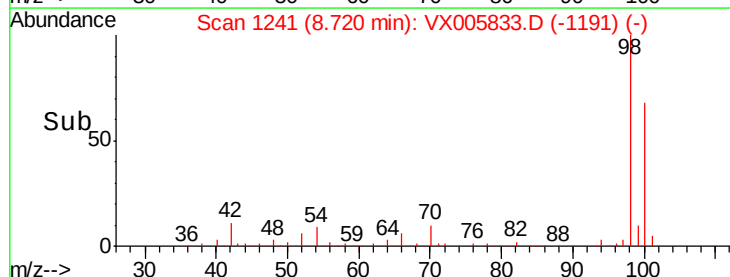
98 100

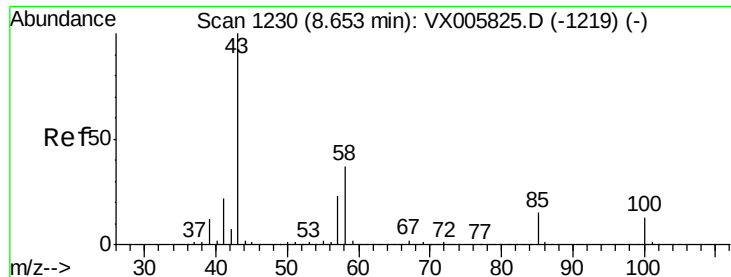
100 64.8 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 104.782 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

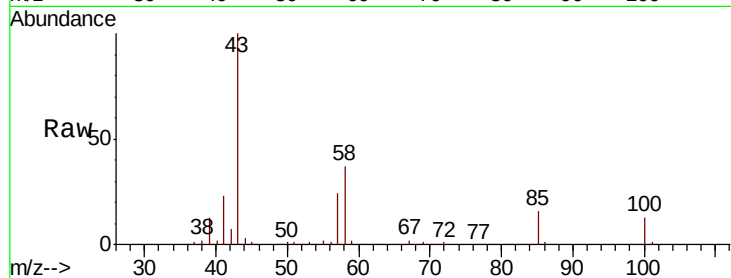
VX1107WBSD01

Tgt Ion: 43 Resp: 187808

Ion Ratio Lower Upper

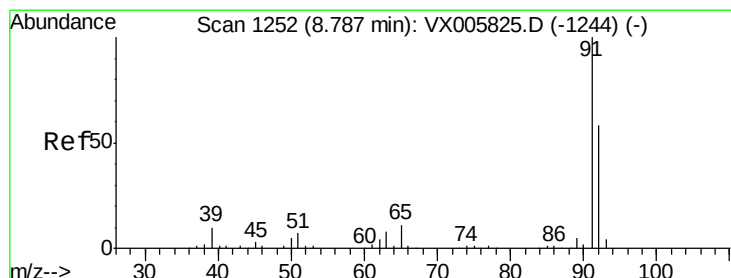
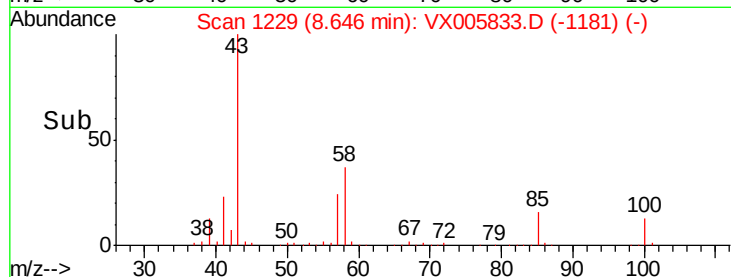
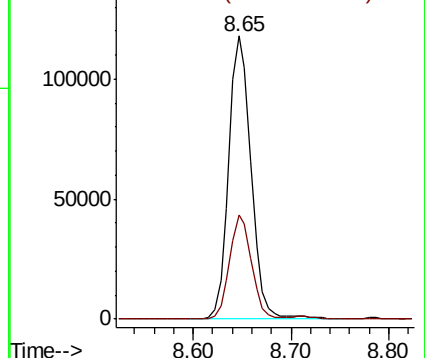
43 100

58 36.0 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.970 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005833.D

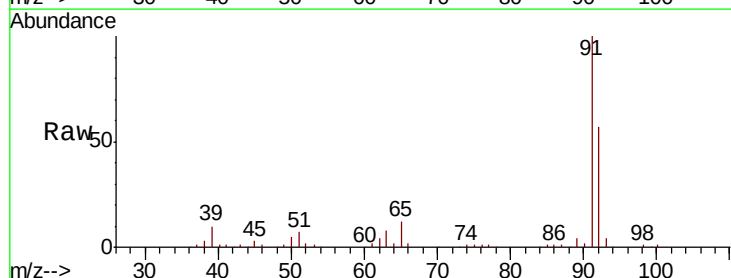
Acq: 07 Nov 2018 17:44

Tgt Ion: 92 Resp: 48562

Ion Ratio Lower Upper

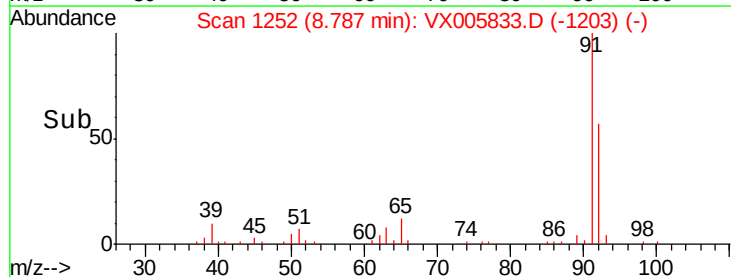
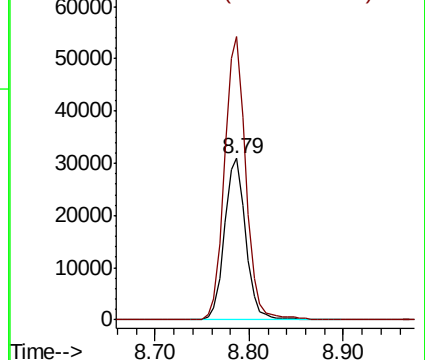
92 100

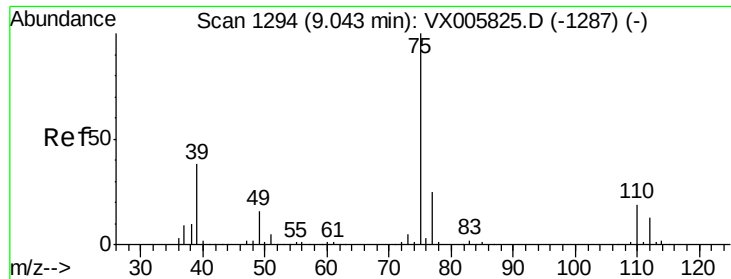
91 175.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

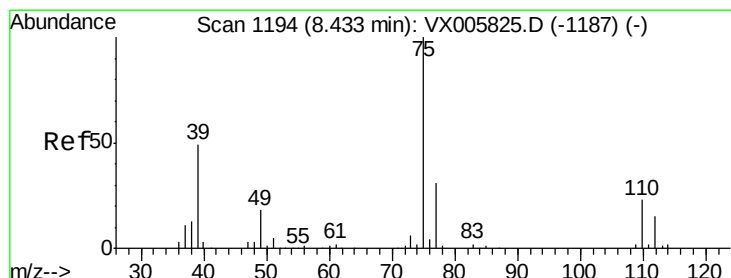
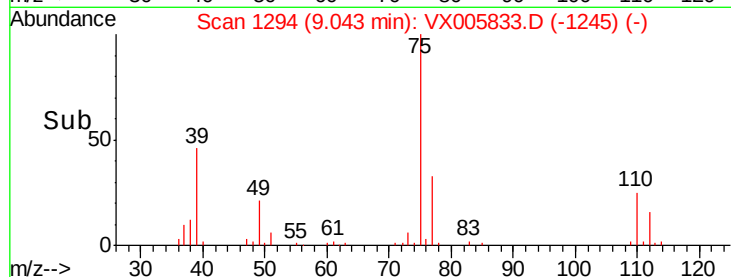
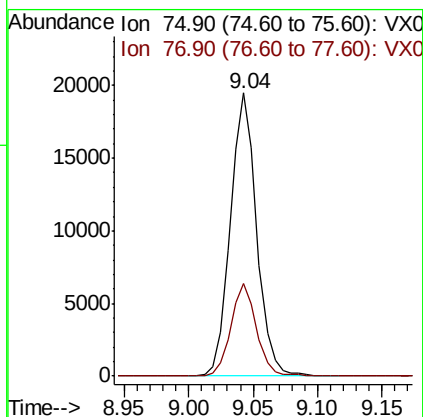
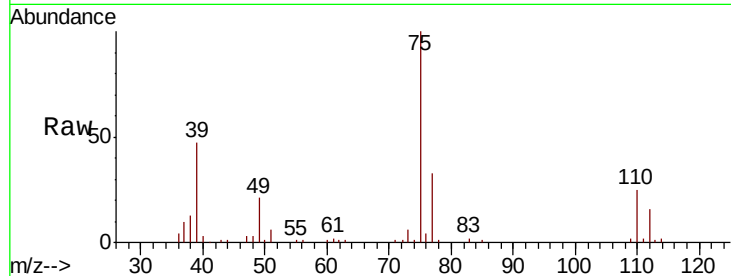




#53
 t-1,3-Dichloropropene
 Concen: 18.823 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

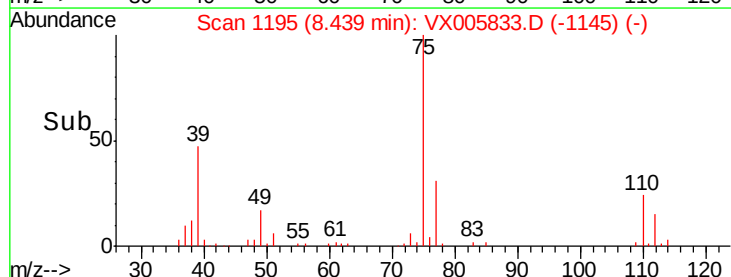
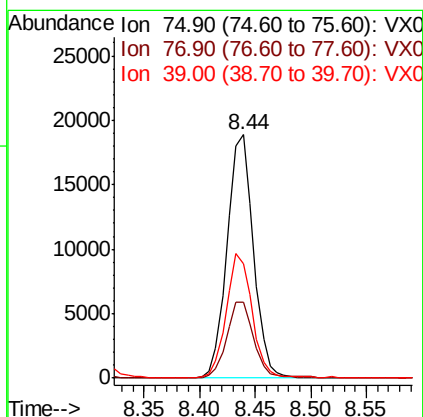
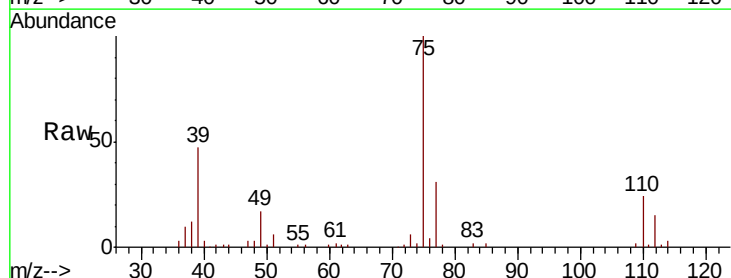
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

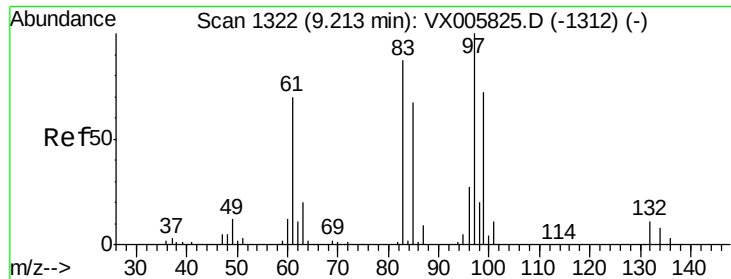
Tgt Ion: 75 Resp: 27819
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.590 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

Tgt Ion: 75 Resp: 31016
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8
 39 47.2 38.2 57.2

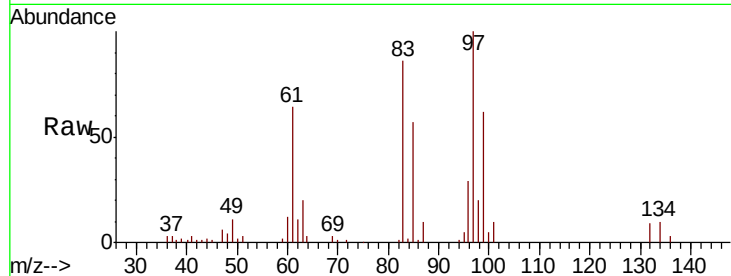




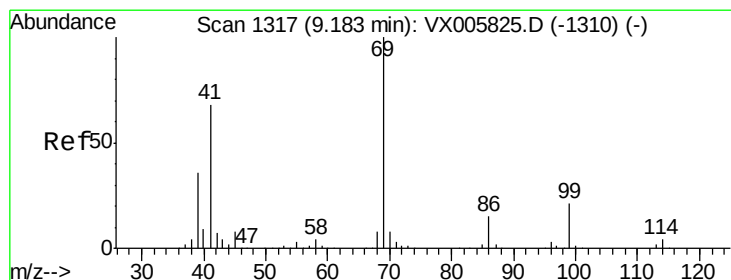
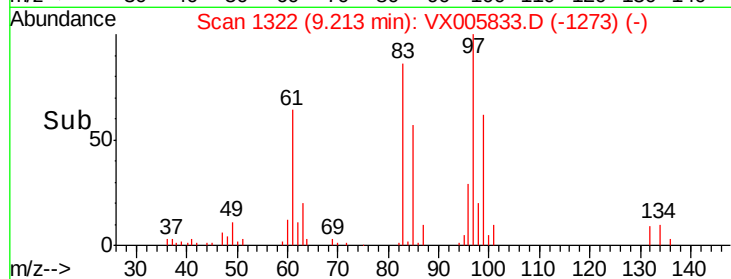
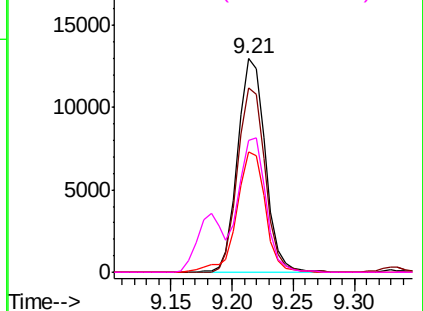
#55
 1,1,2-Trichloroethane
 Concen: 18.696 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tgt Ion:	97	Resp:	20262
Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.7	106.1
85	56.5	45.8	68.6
99	61.9	51.8	77.8

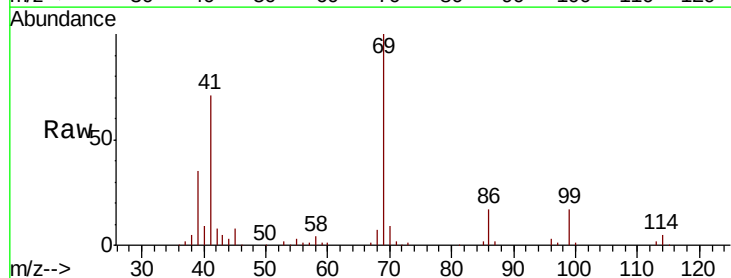


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

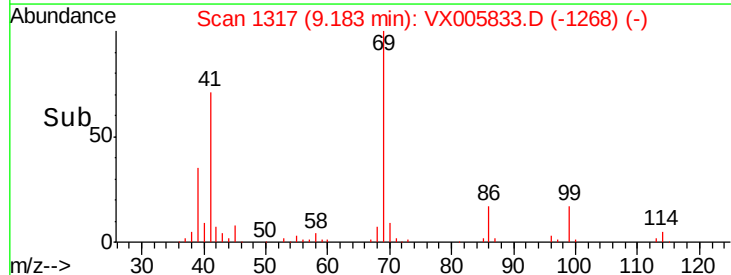
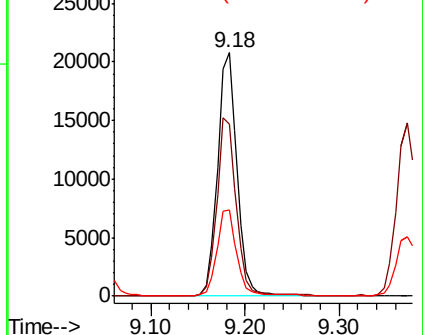


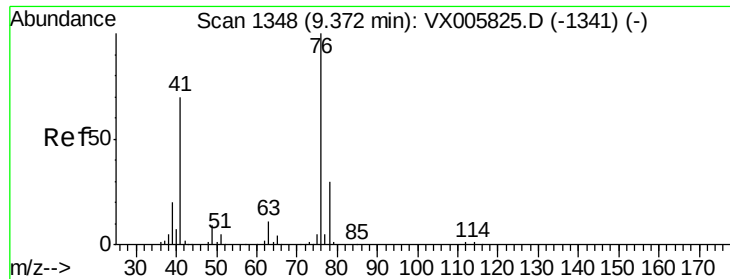
#56
 Ethyl methacrylate
 Concen: 18.348 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

Tgt Ion:	69	Resp:	29753
Ion	Ratio	Lower	Upper
69	100		
41	73.5	57.0	85.6
39	36.1	28.3	42.5



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

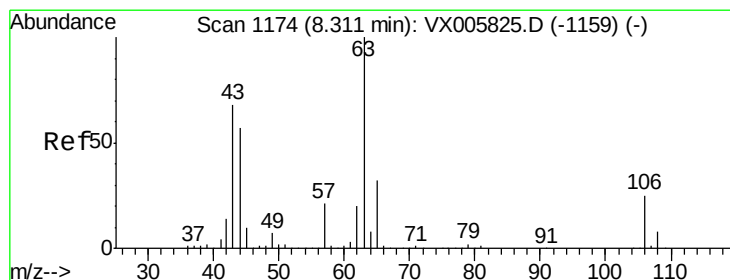
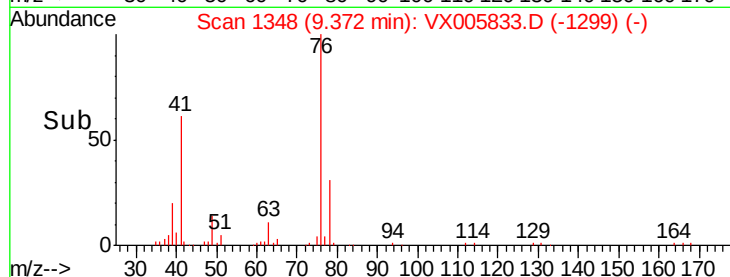
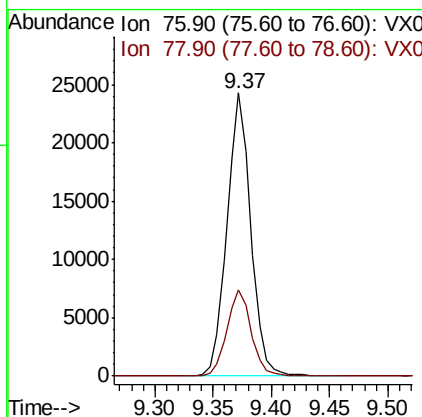
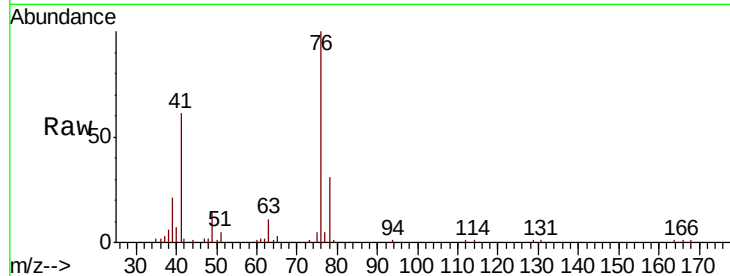




#57
 1,3-Dichloropropane
 Concen: 18.914 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

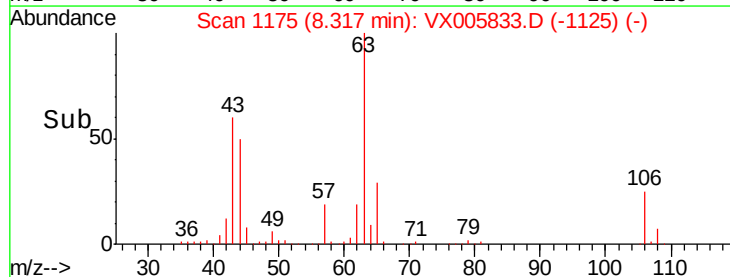
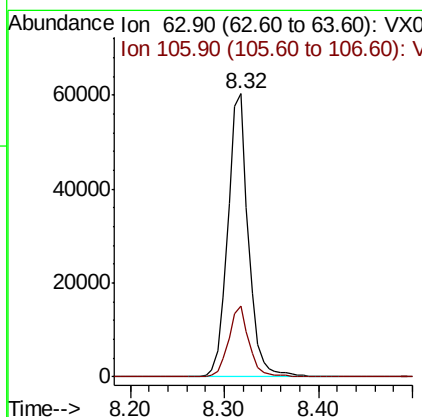
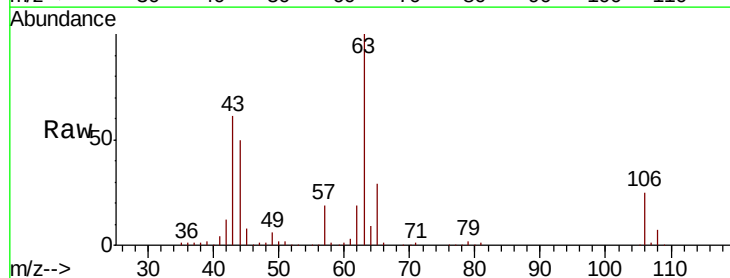
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

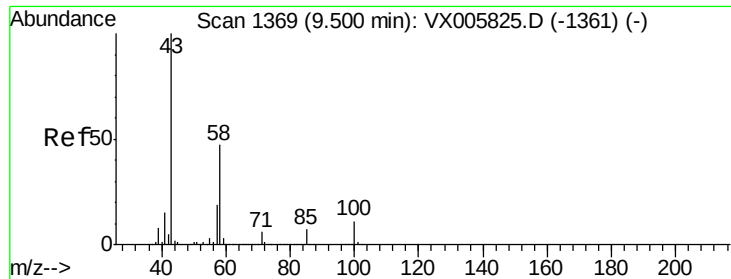
Tgt Ion: 76 Resp: 34447
 Ion Ratio Lower Upper
 76 100
 78 30.9 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.424 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

Tgt Ion: 63 Resp: 91520
 Ion Ratio Lower Upper
 63 100
 106 24.8 21.3 31.9

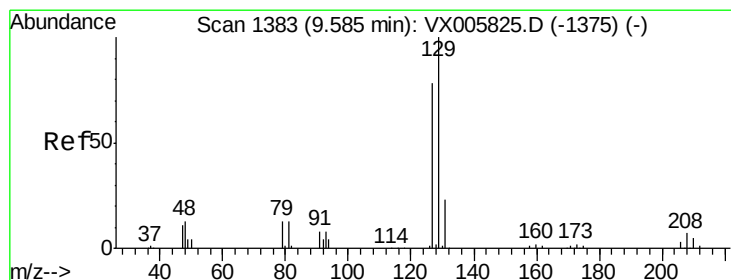
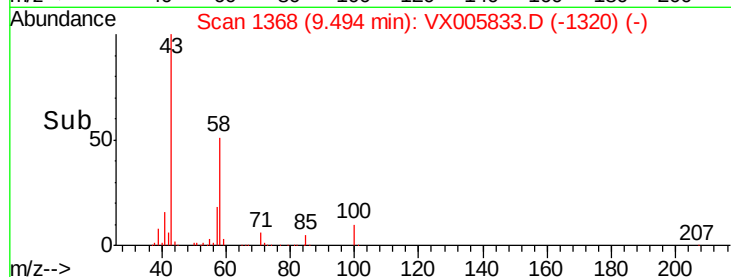
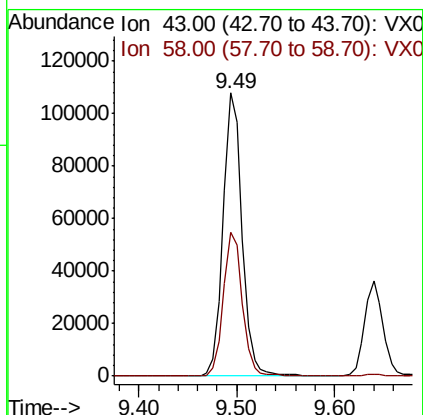
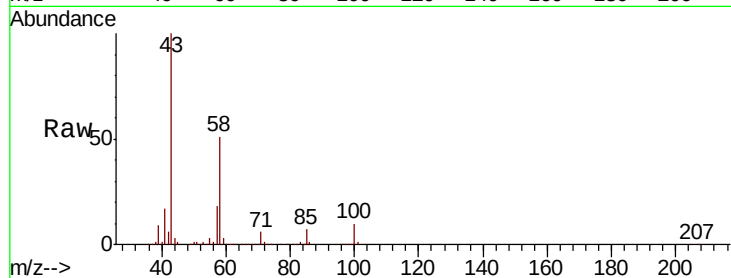




#59
2-Hexanone
Concen: 92.253 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

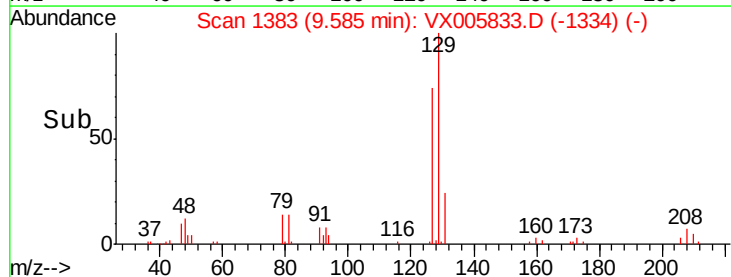
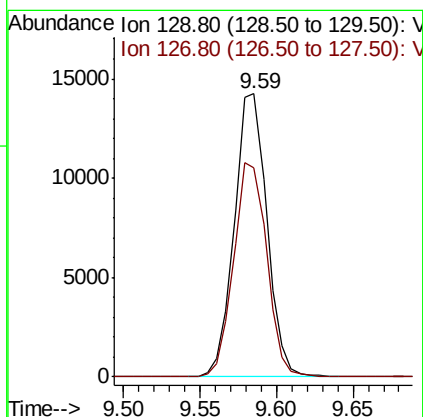
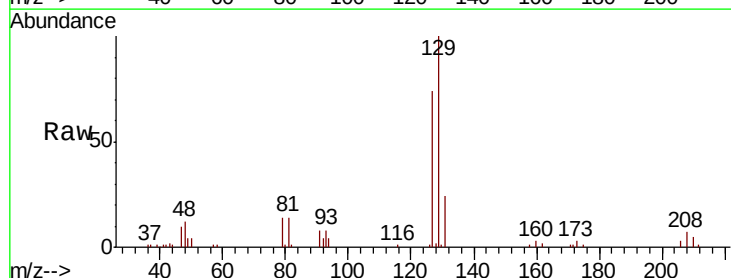
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

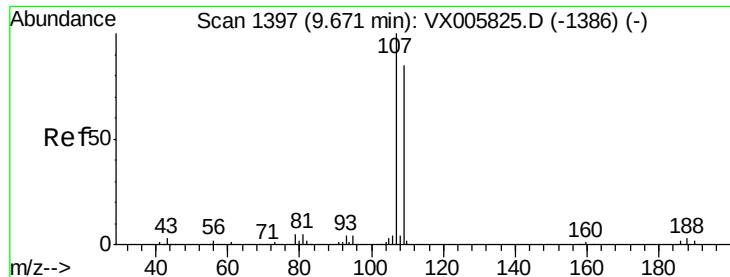
Tgt Ion: 43 Resp: 145750
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.8



#60
Dibromochloromethane
Concen: 18.016 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Tgt Ion: 129 Resp: 21101
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 17.298 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

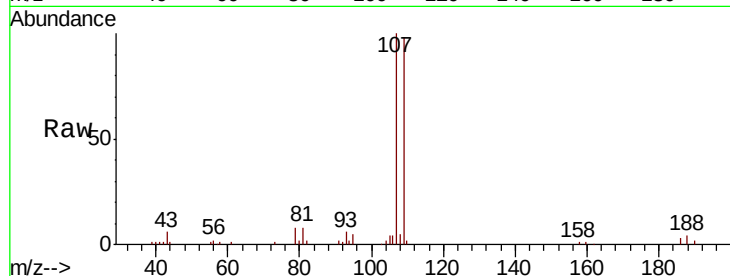
VX1107WBSD01

Tgt Ion:107 Resp: 20730

Ion Ratio Lower Upper

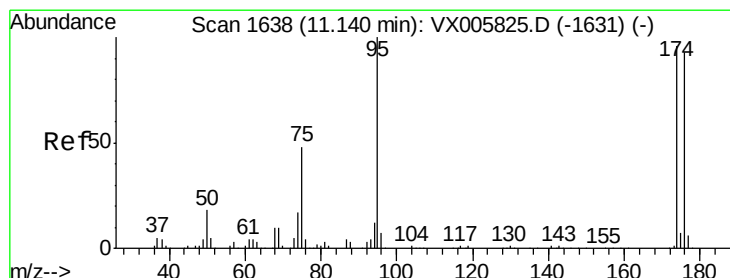
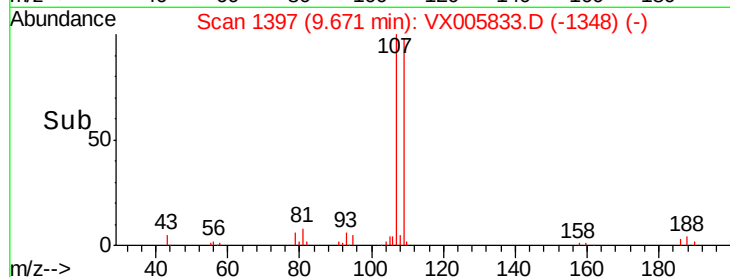
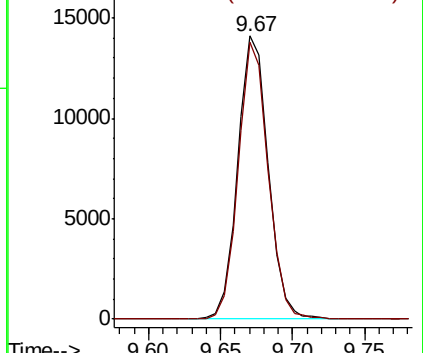
107 100

109 95.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.981 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

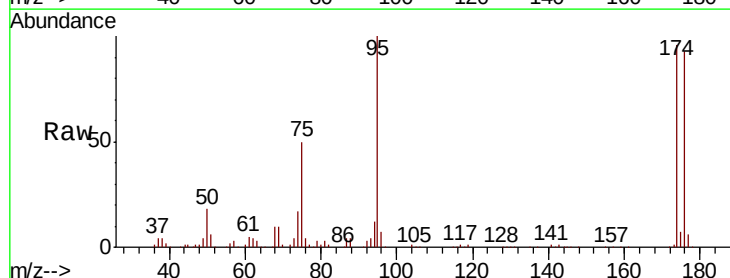
Tgt Ion: 95 Resp: 66686

Ion Ratio Lower Upper

95 100

174 90.4 0.0 184.4

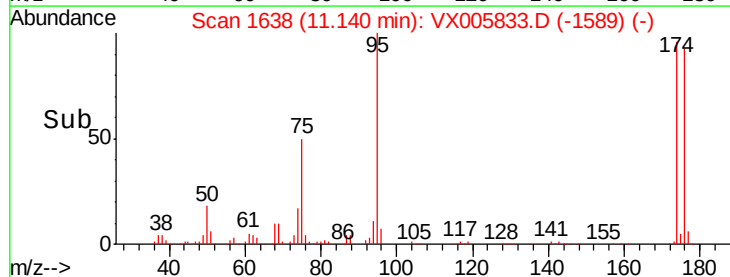
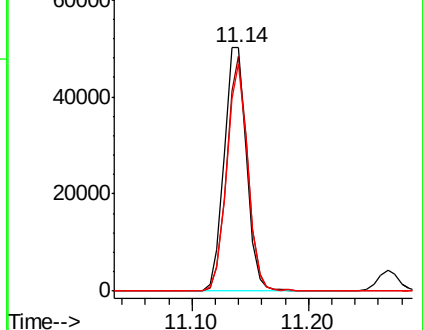
176 87.9 0.0 177.4

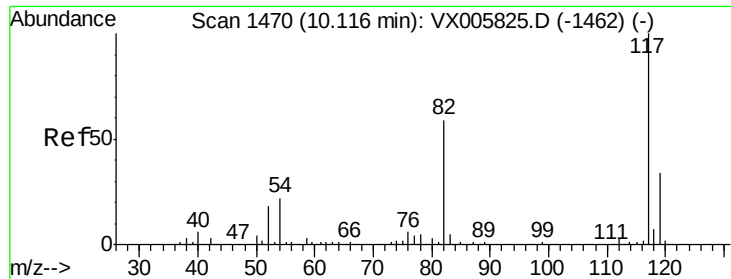


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

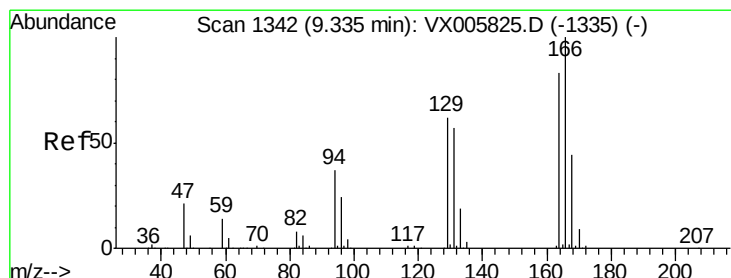
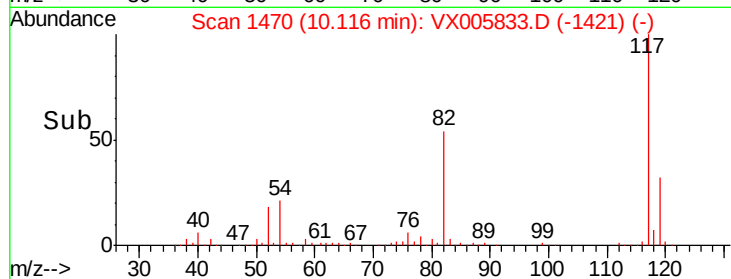
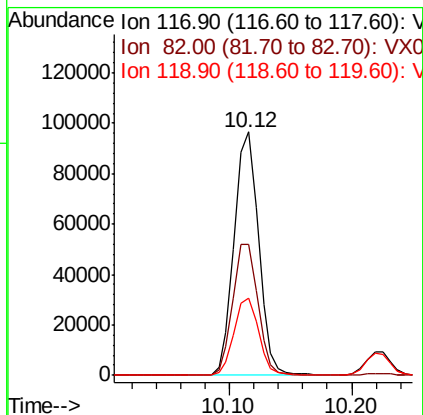
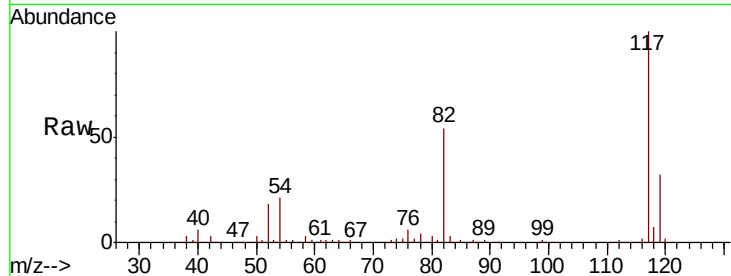




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

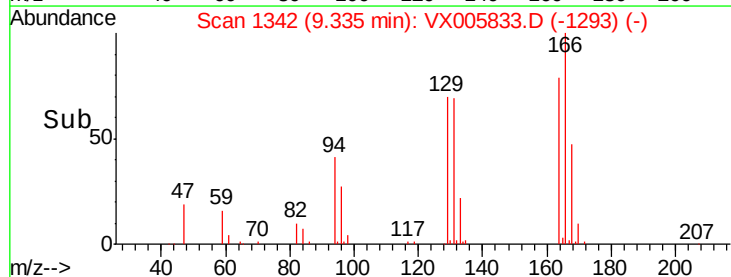
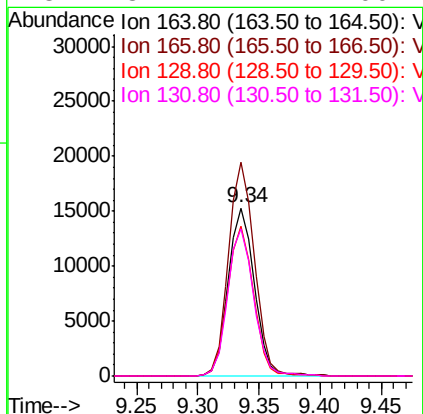
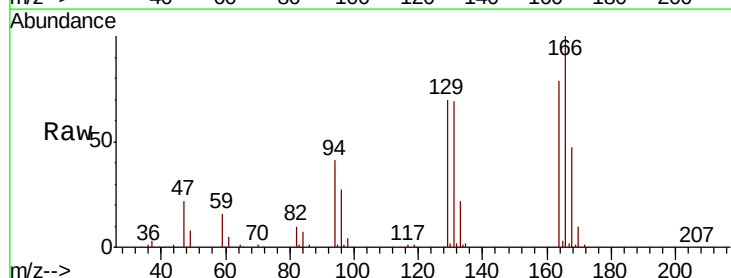
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

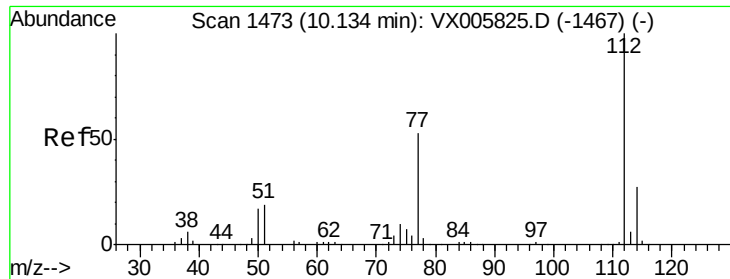
Tgt Ion:117 Resp: 134364
Ion Ratio Lower Upper
117 100
82 54.0 44.1 66.1
119 31.8 26.2 39.2



#64
Tetrachloroethene
Concen: 19.743 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Tgt Ion:164 Resp: 22585
Ion Ratio Lower Upper
164 100
166 127.0 101.9 152.9
129 89.0 72.6 109.0
131 87.4 71.1 106.7

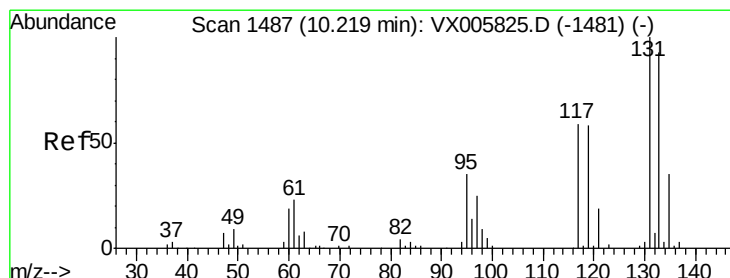
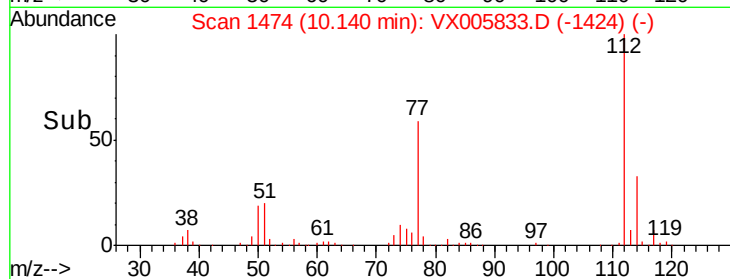
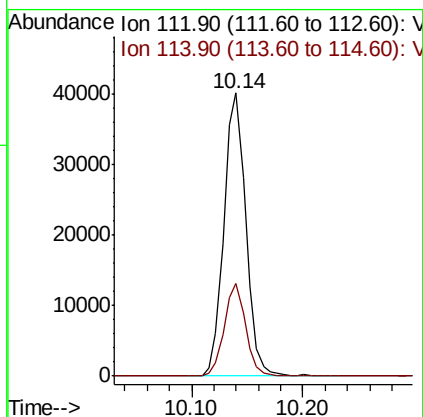
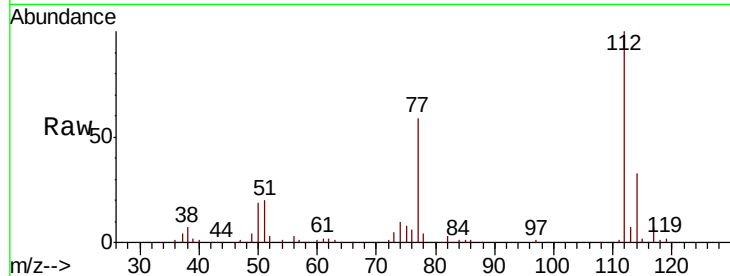




#65
Chlorobenzene
Concen: 20.442 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

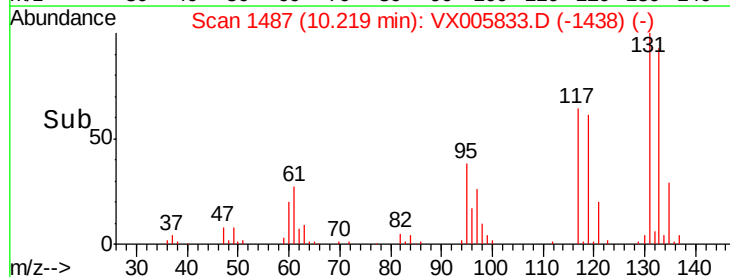
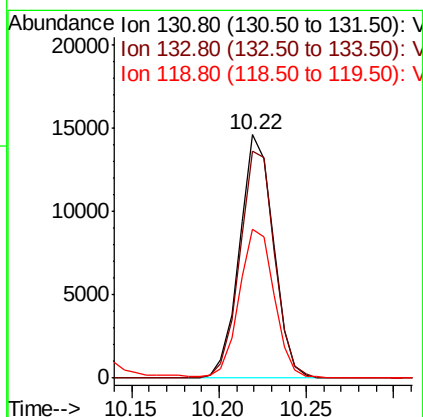
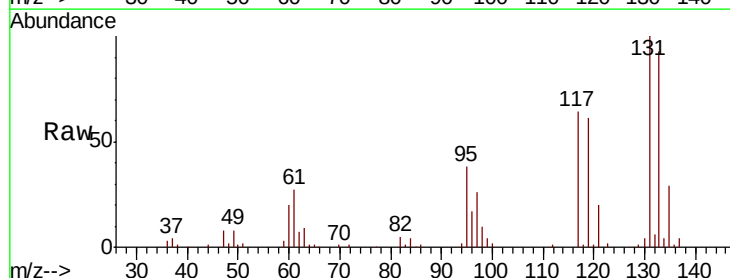
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

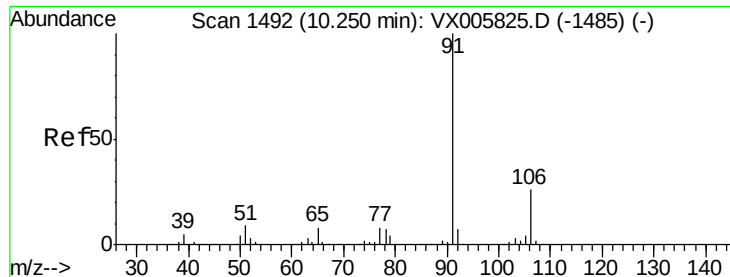
Tgt Ion:112 Resp: 55025
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.070 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Tgt Ion:131 Resp: 19717
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 63.3 31.8 95.3





#67

Ethyl Benzene

Concen: 21.265 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

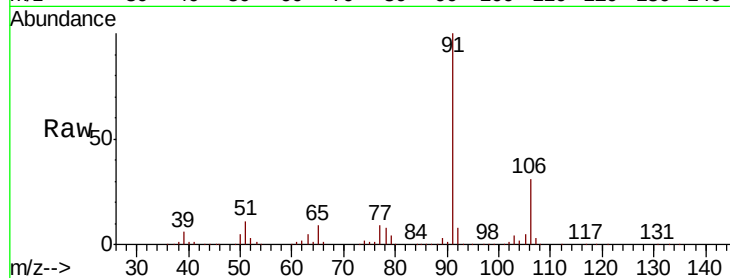
VX1107WBSD01

Tgt Ion: 91 Resp: 91785

Ion Ratio Lower Upper

91 100

106 31.1 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005825.D (-1485) (-)

120000

100000

80000

60000

40000

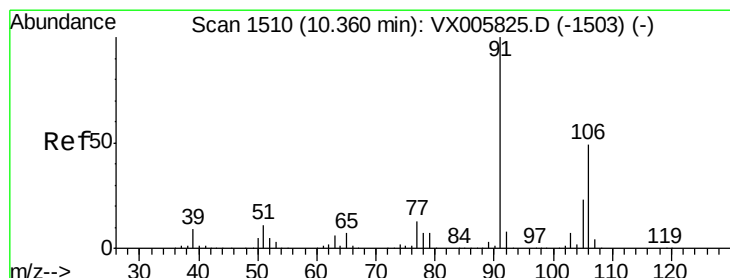
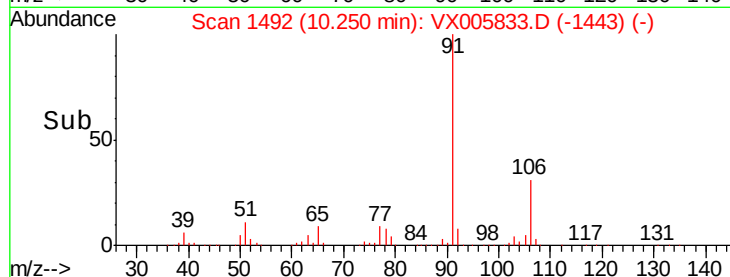
20000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 43.276 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005833.D

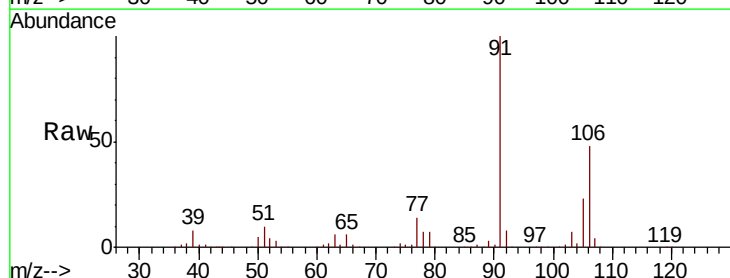
Acq: 07 Nov 2018 17:44

Tgt Ion: 106 Resp: 71250

Ion Ratio Lower Upper

106 100

91 205.3 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1503) (-)

120000

100000

80000

60000

40000

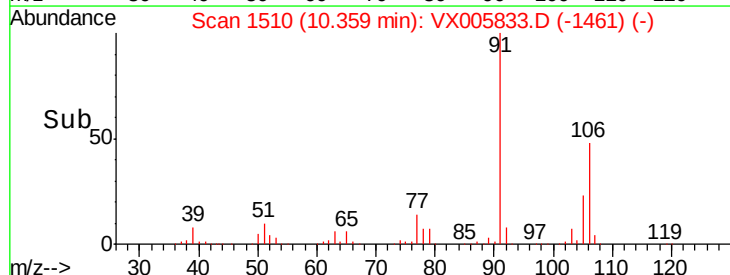
20000

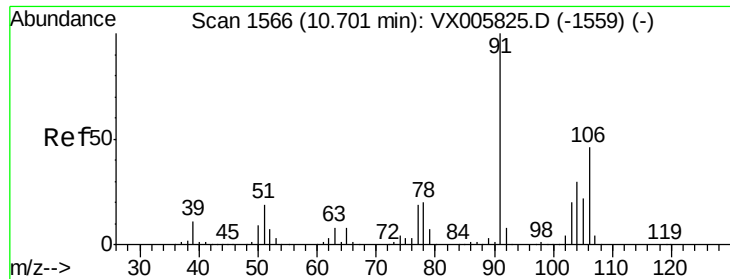
0

10.30

10.40

Time-->

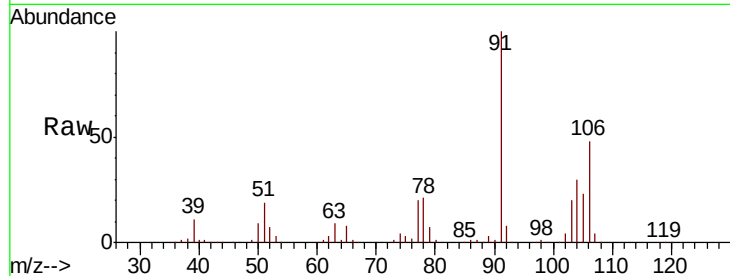




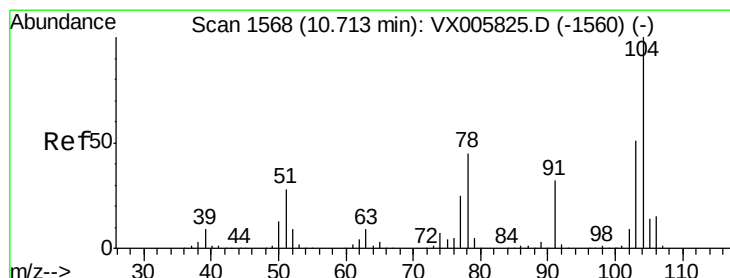
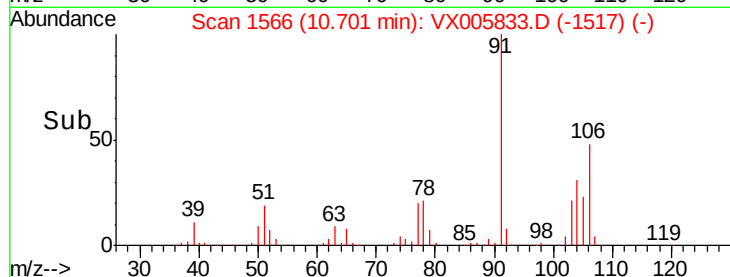
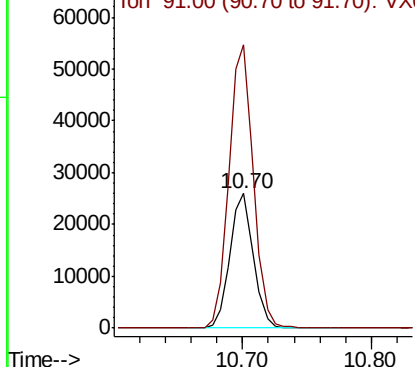
#69
o-Xylene
Concen: 22.740 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion:106 Resp: 33572
Ion Ratio Lower Upper
106 100
91 216.6 108.5 325.5

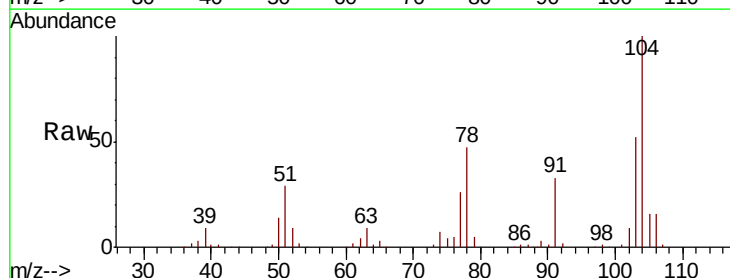


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

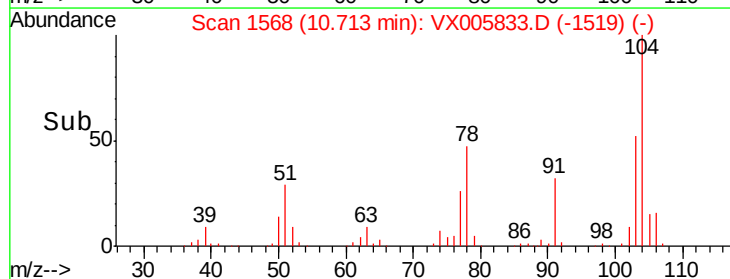
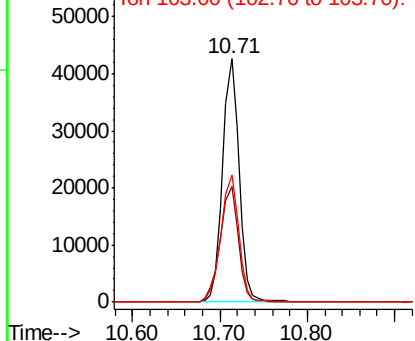


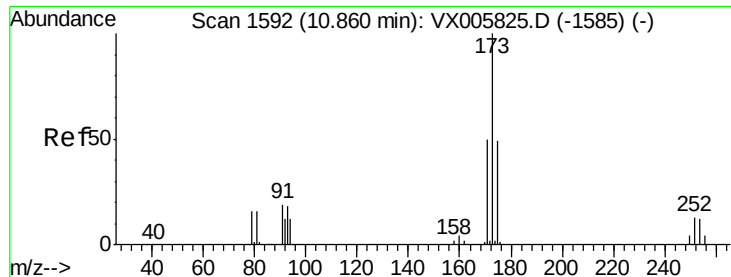
#70
Styrene
Concen: 22.931 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Tgt Ion:104 Resp: 55846
Ion Ratio Lower Upper
104 100
78 52.3 40.2 60.4
103 56.6 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 21.631 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

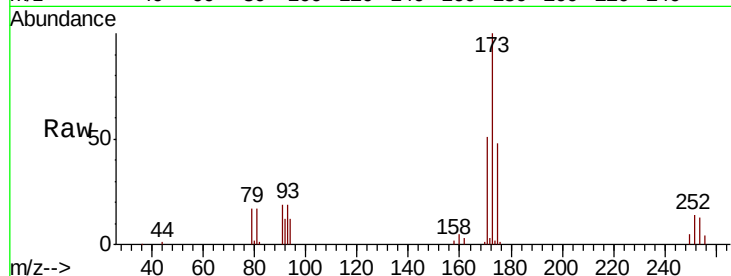
Tgt Ion:173 Resp: 16969

Ion Ratio Lower Upper

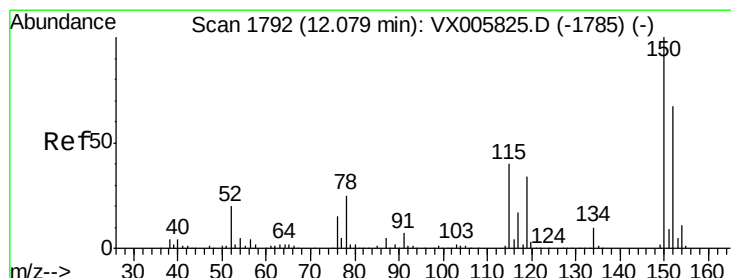
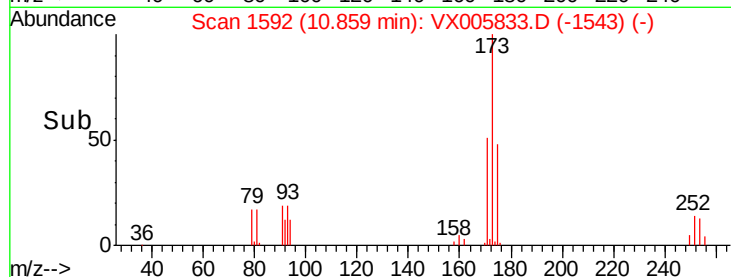
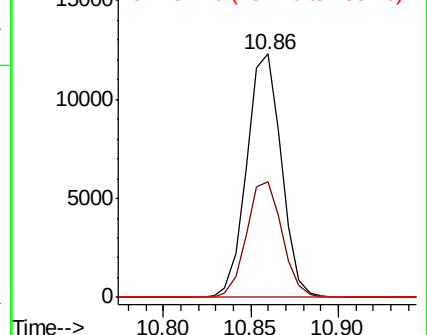
173 100

175 48.7 24.8 74.3

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: VX005833.D

Acq: 07 Nov 2018 17:44

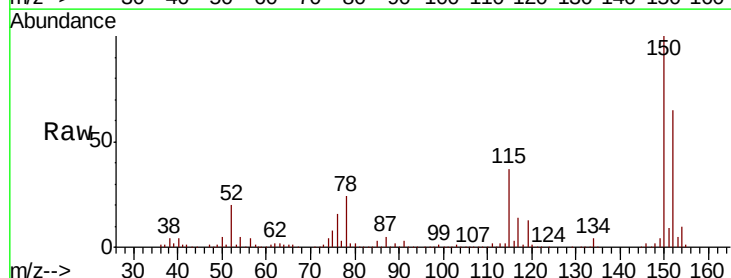
Tgt Ion:152 Resp: 73665

Ion Ratio Lower Upper

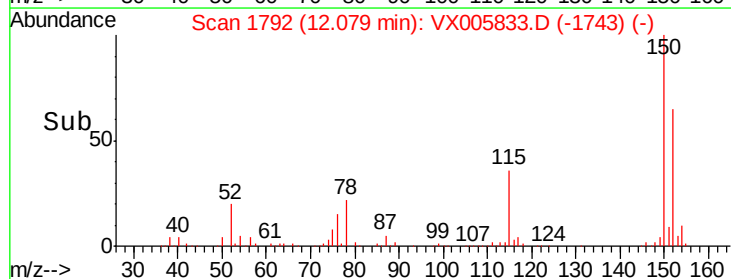
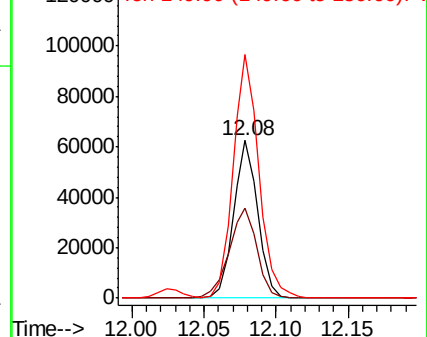
152 100

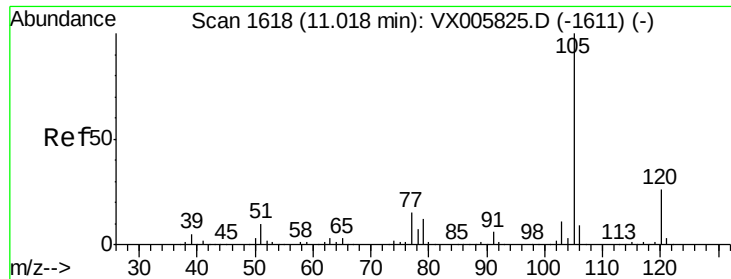
115 65.4 39.4 118.1

150 163.8 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

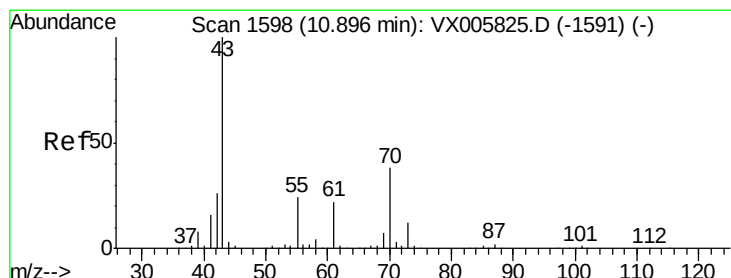
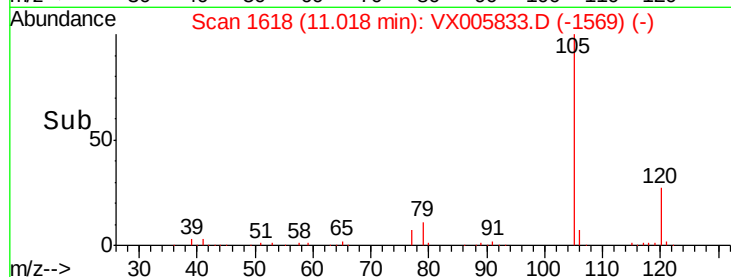
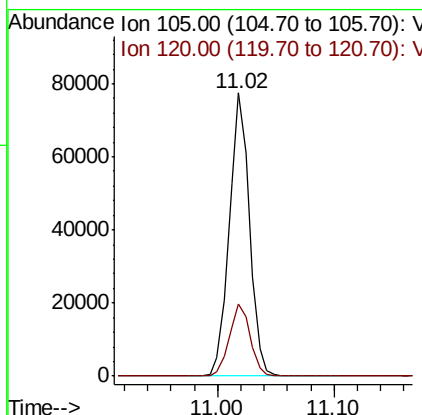
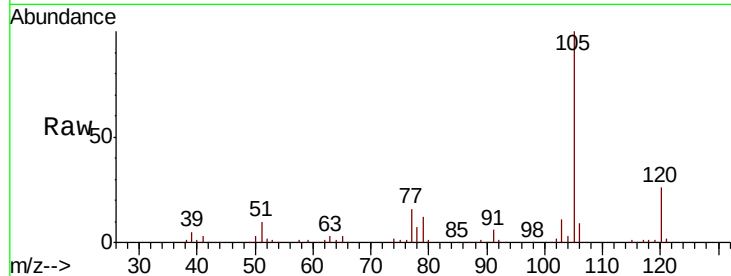




#73
Isopropylbenzene
Concen: 21.930 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

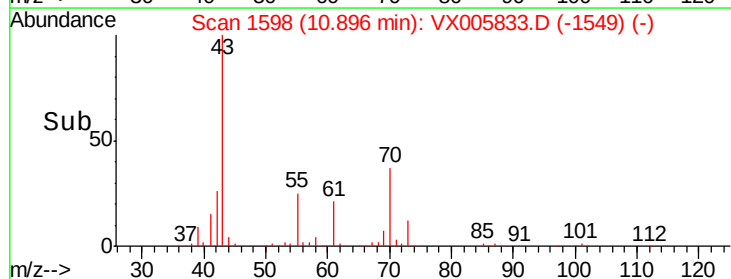
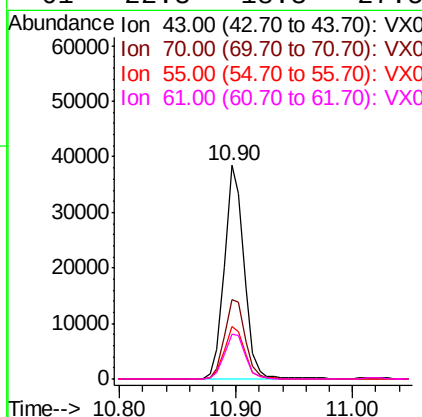
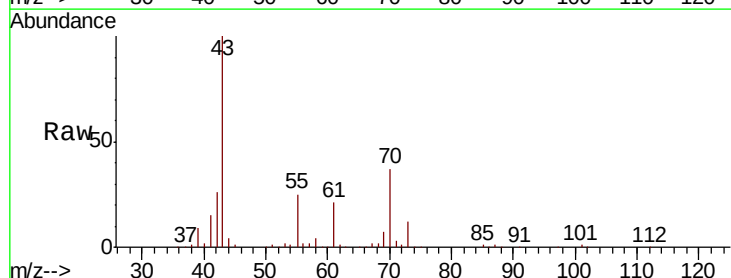
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

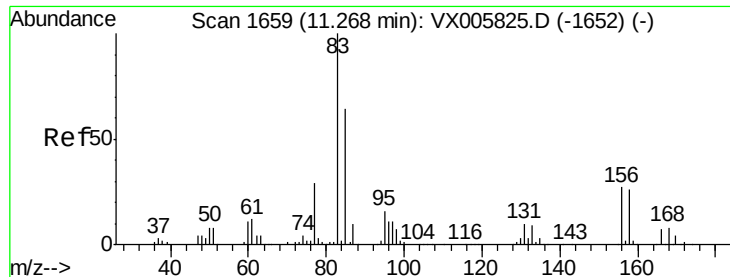
Tgt Ion:105 Resp: 93421
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3



#74
N-amyl acetate
Concen: 19.628 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Tgt Ion: 43 Resp: 45054
Ion Ratio Lower Upper
43 100
70 39.3 31.6 47.4
55 25.5 19.7 29.5
61 22.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.733 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

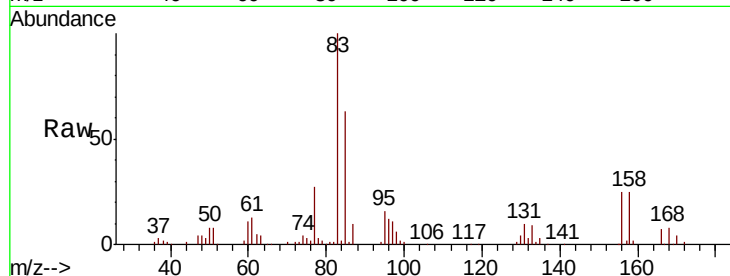
Tgt Ion: 83 Resp: 32418

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.9

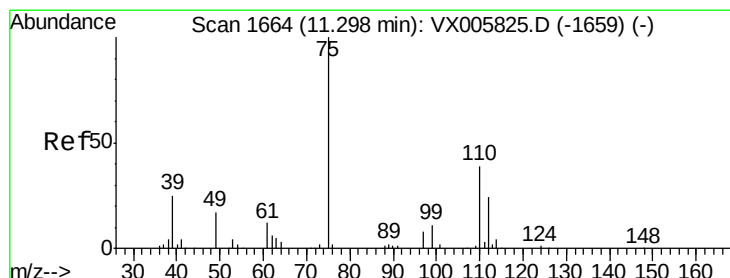
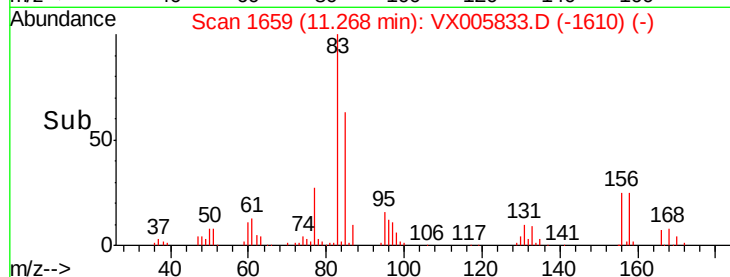
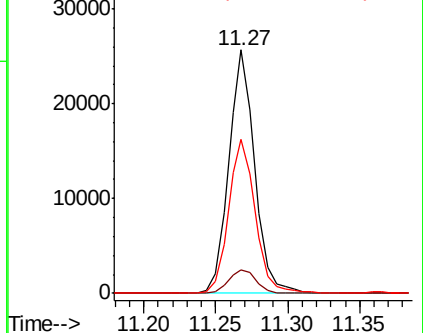
85 65.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.136 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005833.D

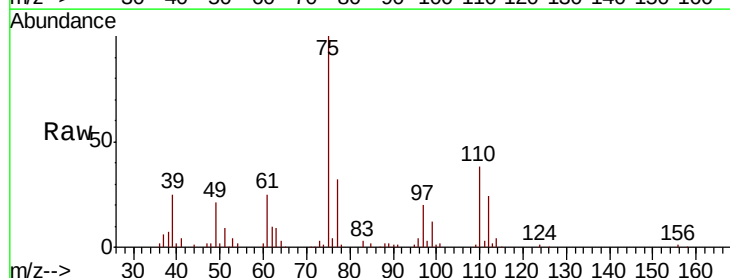
Acq: 07 Nov 2018 17:44

Tgt Ion: 75 Resp: 39204

Ion Ratio Lower Upper

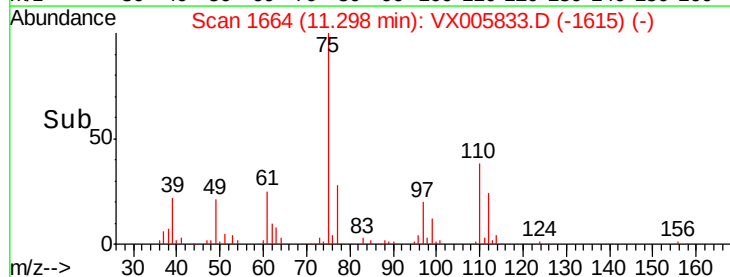
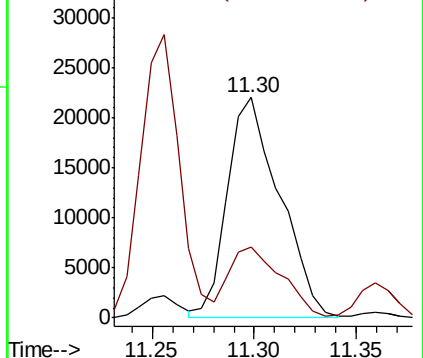
75 100

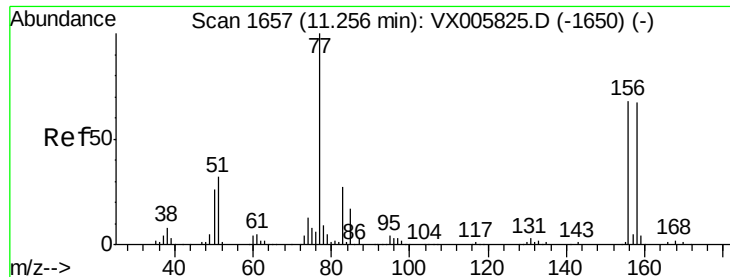
77 32.3 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.641 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

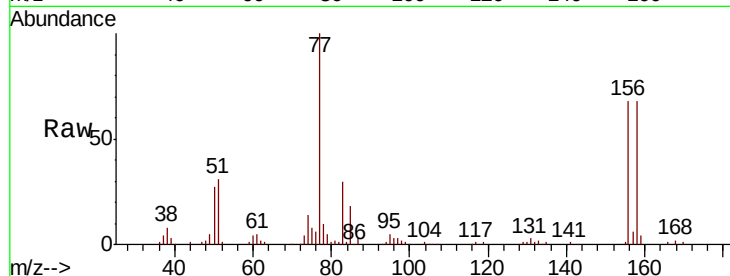
Tgt Ion:156 Resp: 24784

Ion Ratio Lower Upper

156 100

77 150.7 74.8 224.4

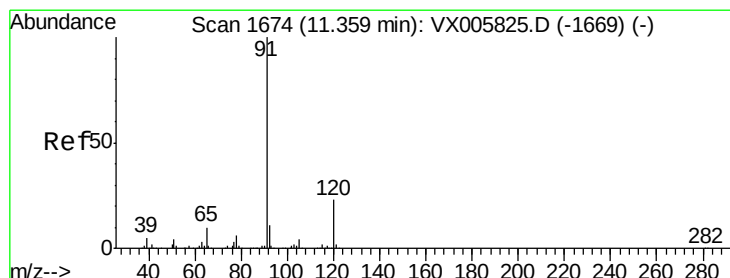
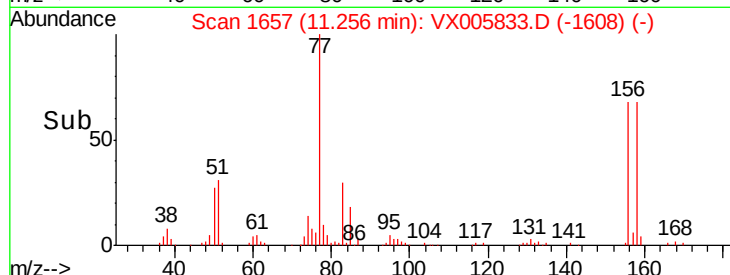
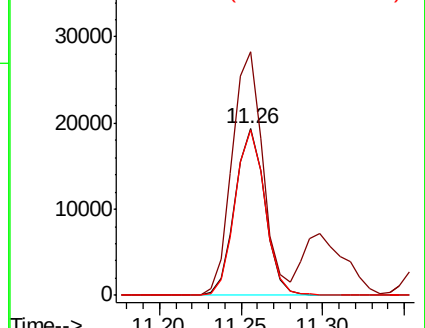
158 99.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.404 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005833.D

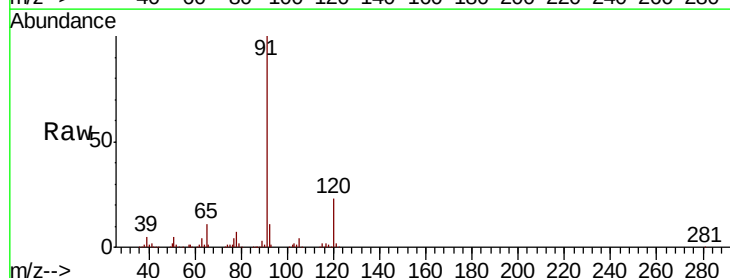
Acq: 07 Nov 2018 17:44

Tgt Ion: 91 Resp: 107459

Ion Ratio Lower Upper

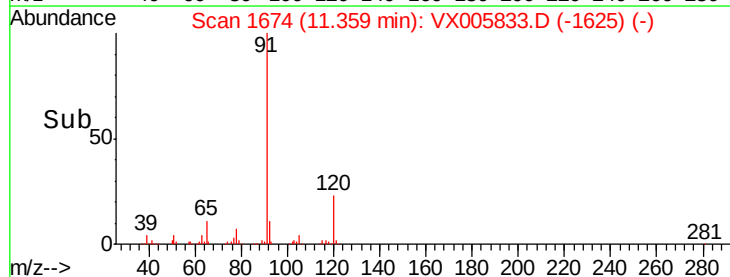
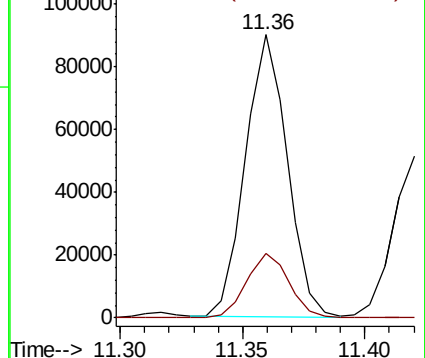
91 100

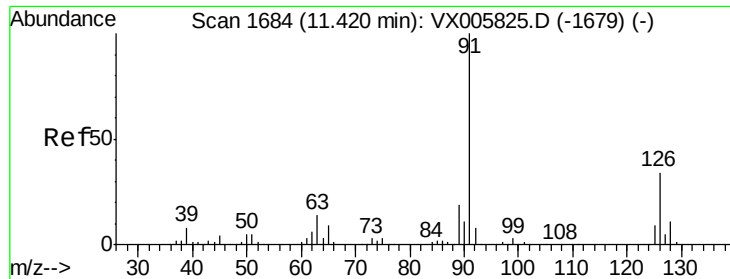
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.308 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

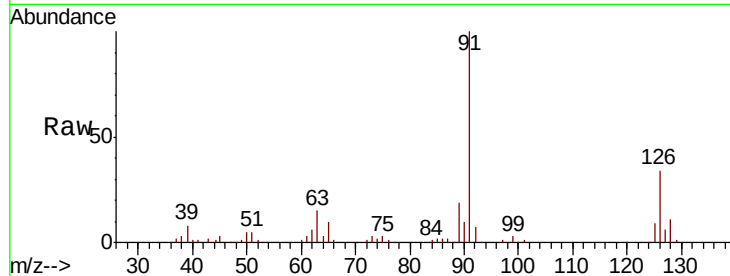
VX1107WBSD01

Tgt Ion: 91 Resp: 64661

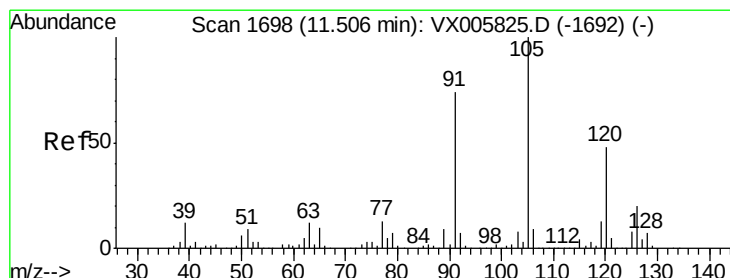
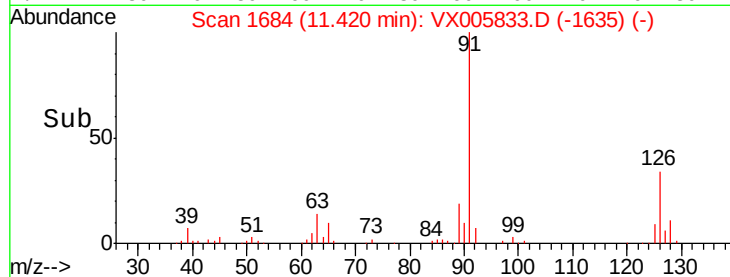
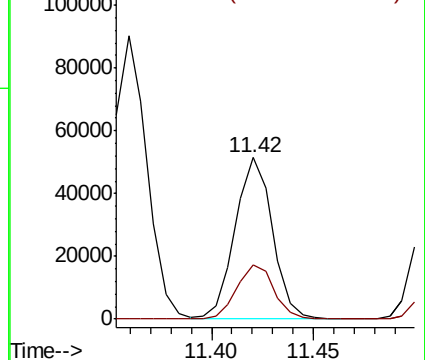
Ion Ratio Lower Upper

91 100

126 34.0 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.791 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005833.D

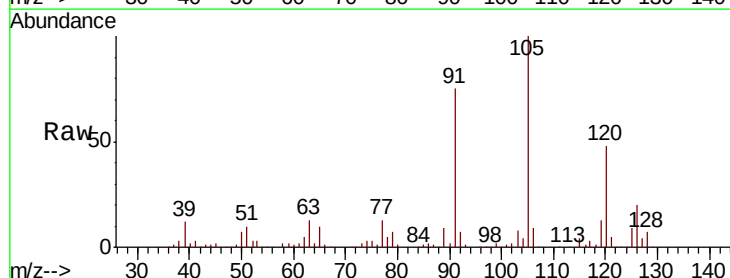
Acq: 07 Nov 2018 17:44

Tgt Ion: 105 Resp: 78885

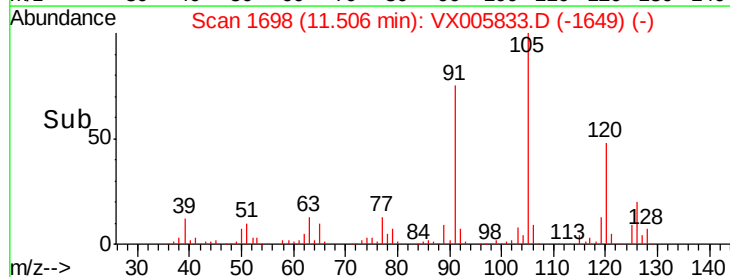
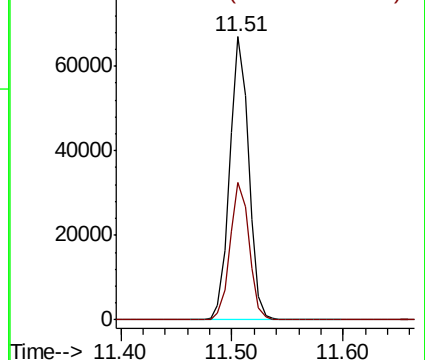
Ion Ratio Lower Upper

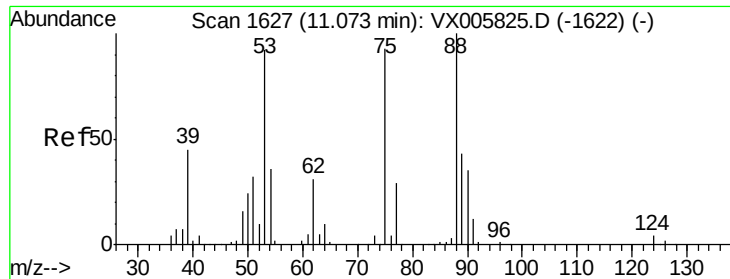
105 100

120 48.7 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005825.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.201 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampled :

VX1107WBSD01

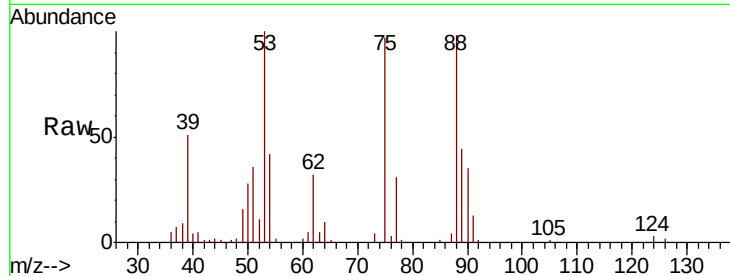
Tgt Ion: 75 Resp: 9507

Ion Ratio Lower Upper

75 100

53 103.0 80.2 120.2

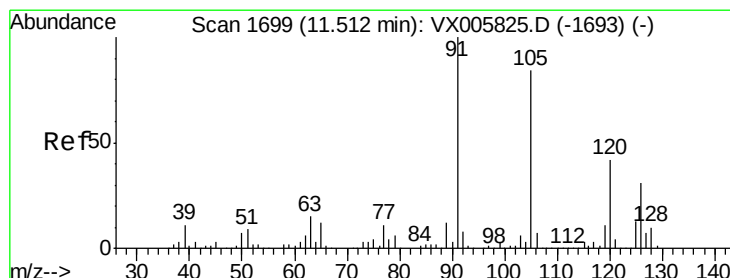
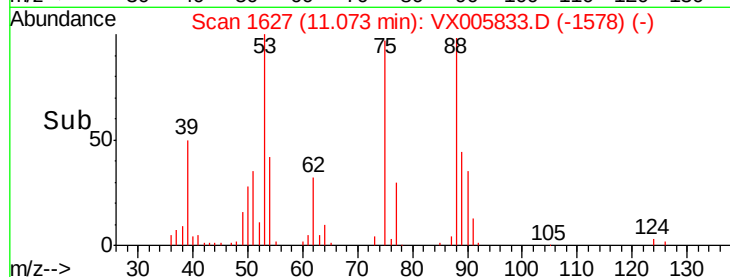
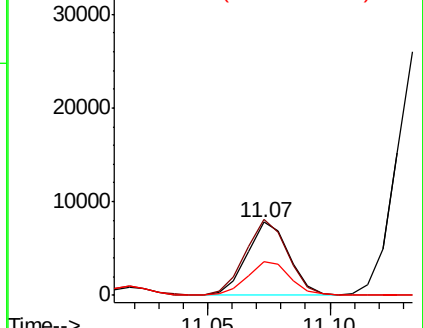
89 45.9 39.8 59.8



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: 21.526 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005833.D

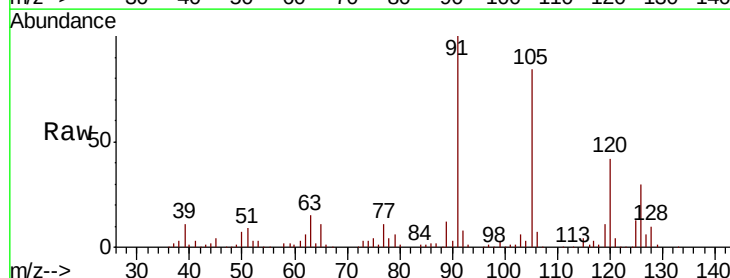
Acq: 07 Nov 2018 17:44

Tgt Ion: 91 Resp: 76983

Ion Ratio Lower Upper

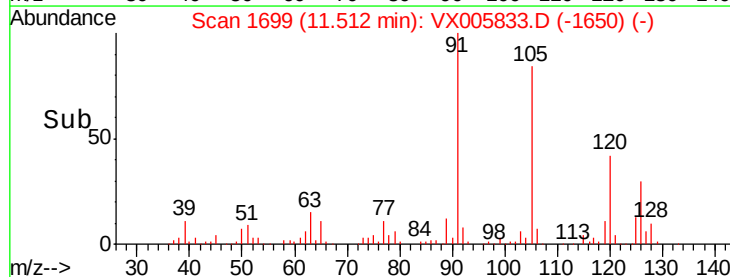
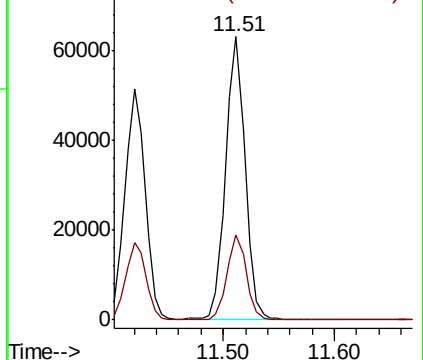
91 100

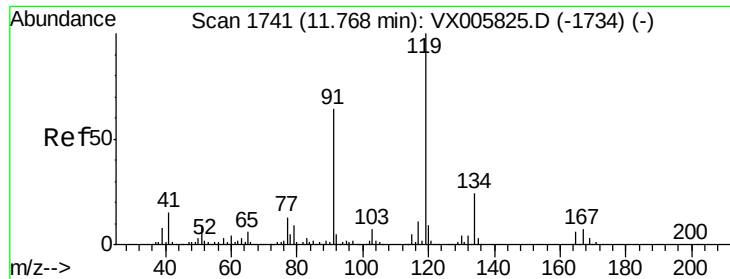
126 29.7 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

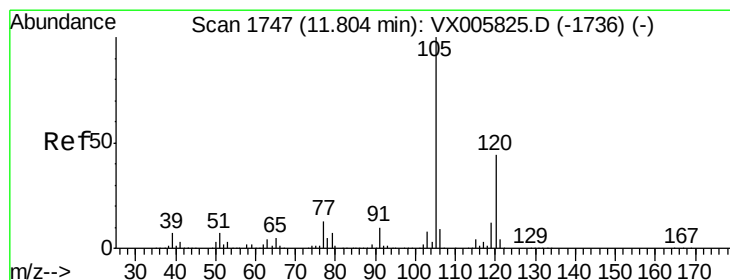
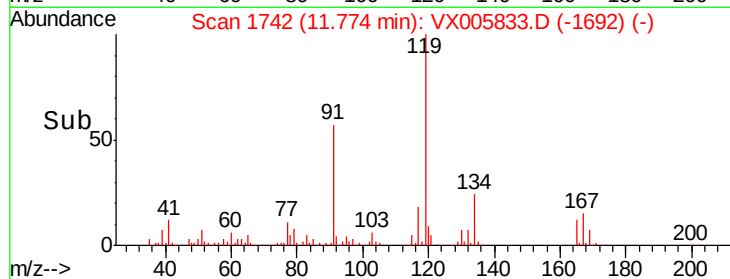
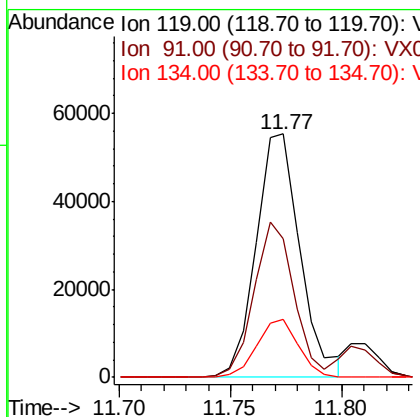
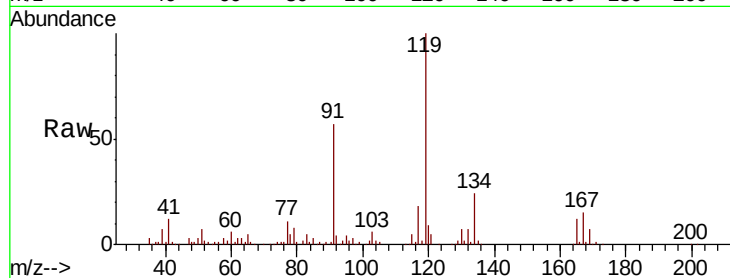




#83
 tert-Butylbenzene
 Concen: 20.839 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

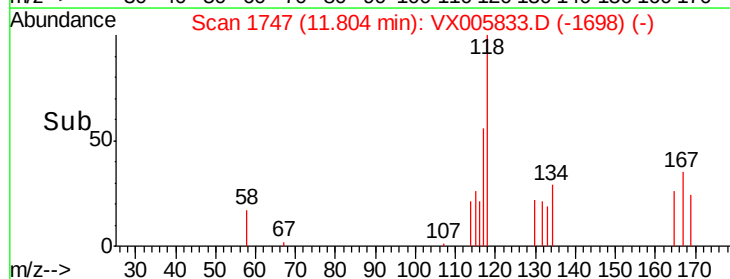
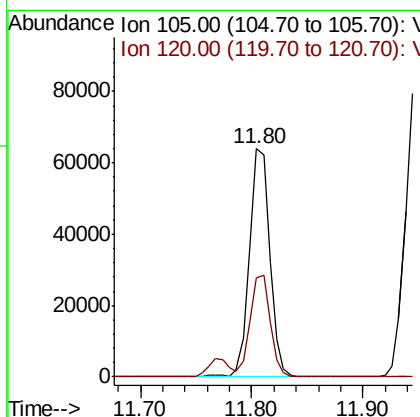
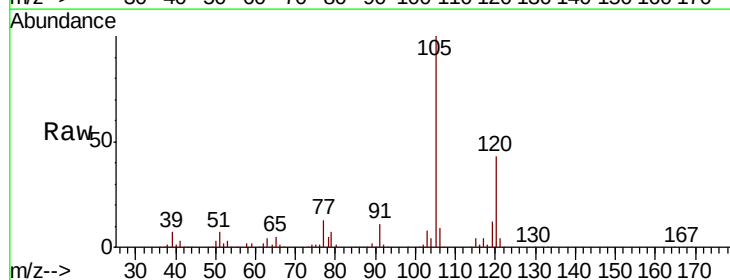
Instrument :
 MSVOA_X
 ClientSampled :
 VX1107WBSD01

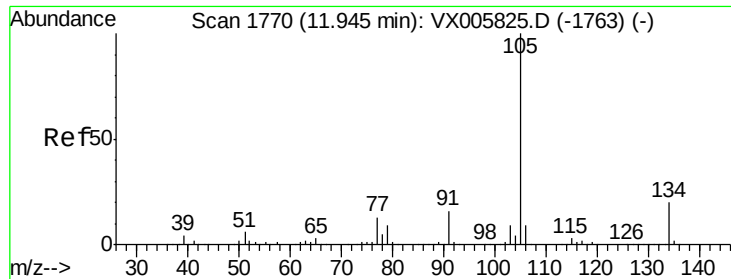
Tgt Ion:119 Resp: 76320
 Ion Ratio Lower Upper
 119 100
 91 58.1 28.5 85.5
 134 22.6 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.428 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

Tgt Ion:105 Resp: 81895
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.4 67.0

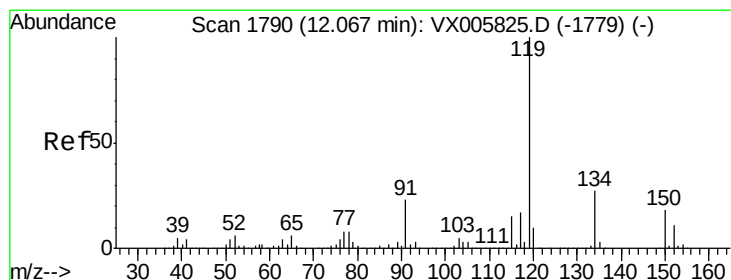
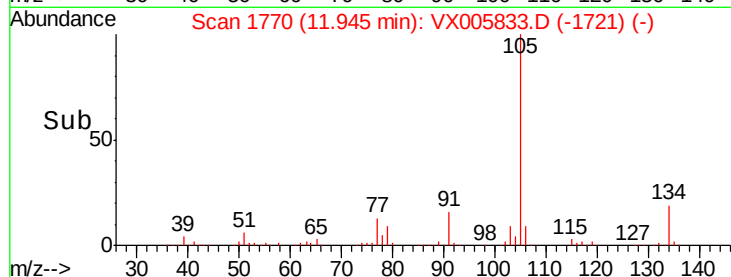
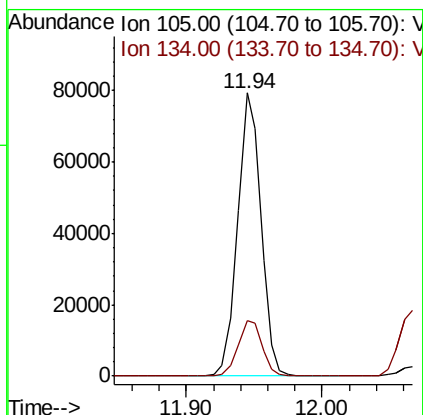
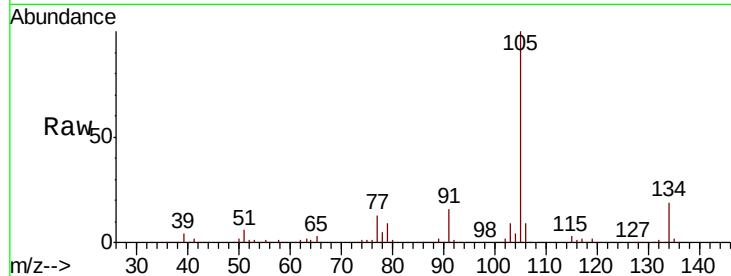




#85
 sec-Butylbenzene
 Concen: 21.122 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

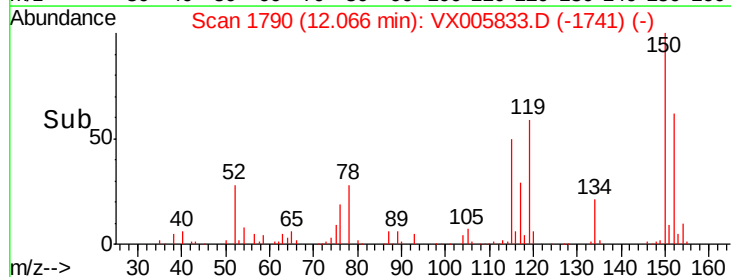
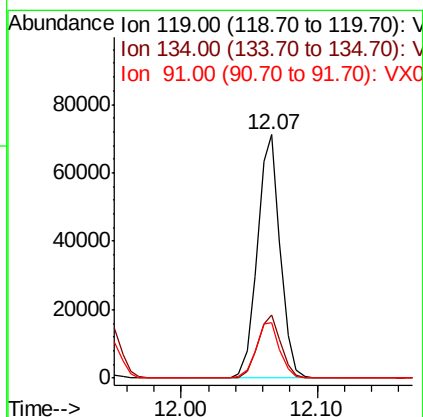
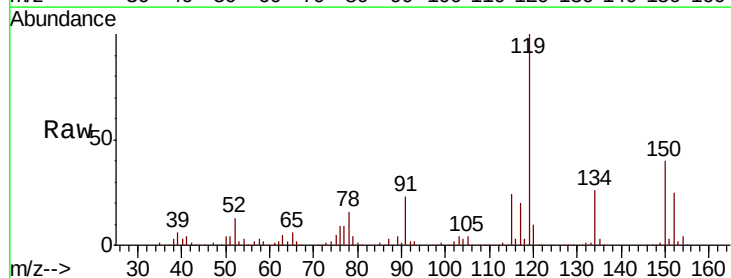
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

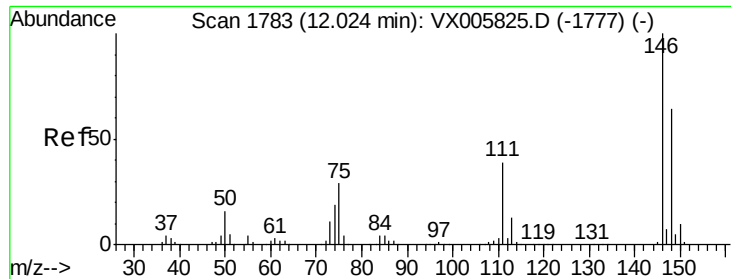
Tgt Ion:105 Resp: 94594
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 21.163 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

Tgt Ion:119 Resp: 83952
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 23.8 11.4 34.2

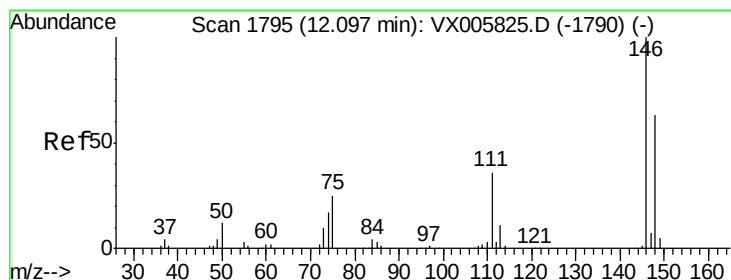
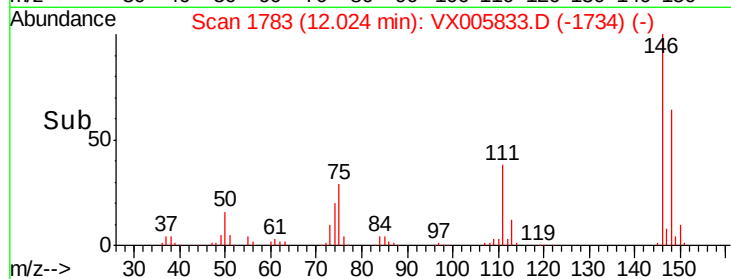
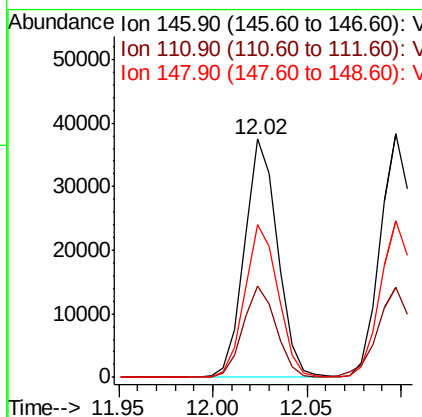
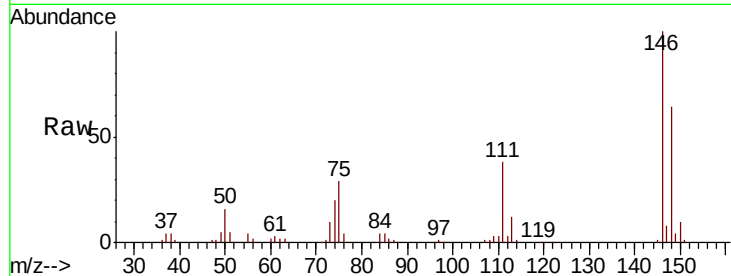




#87
 1,3-Dichlorobenzene
 Concen: 19.892 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

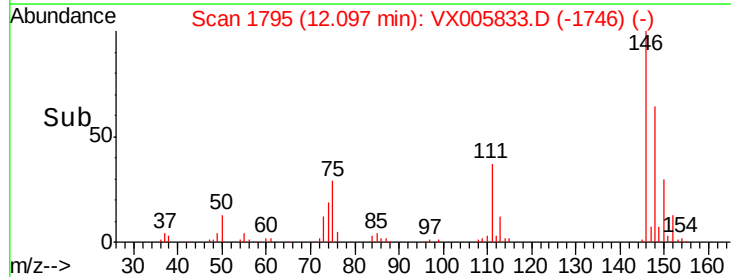
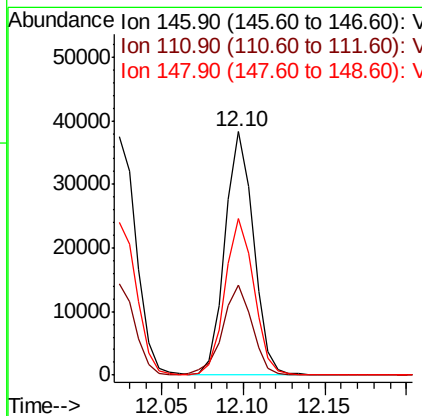
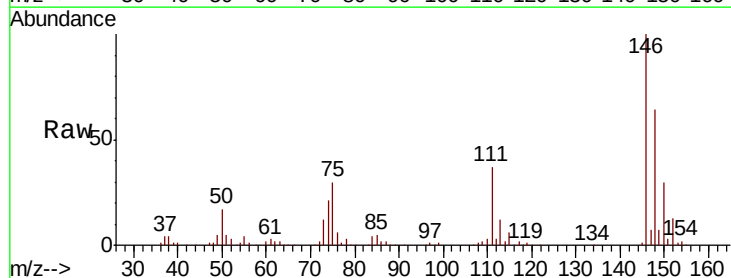
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

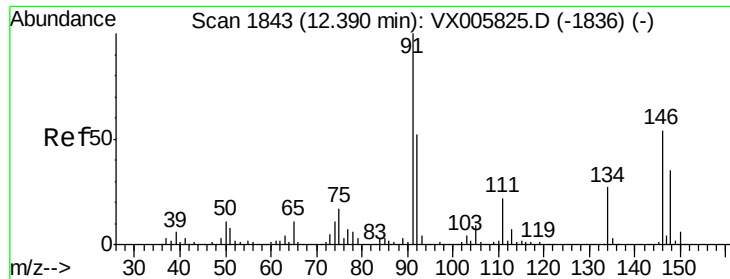
Tgt Ion:146 Resp: 45837
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.0 57.0
 148 64.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.767 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

Tgt Ion:146 Resp: 46630
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.6 55.8
 148 65.4 32.1 96.3

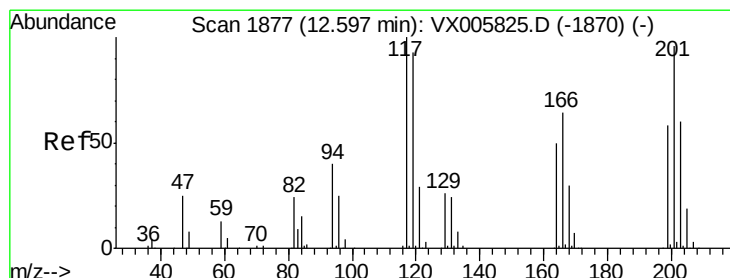
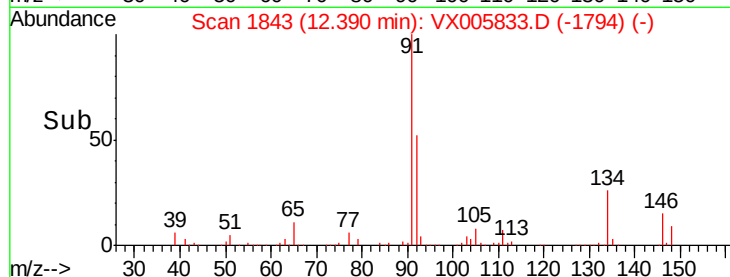
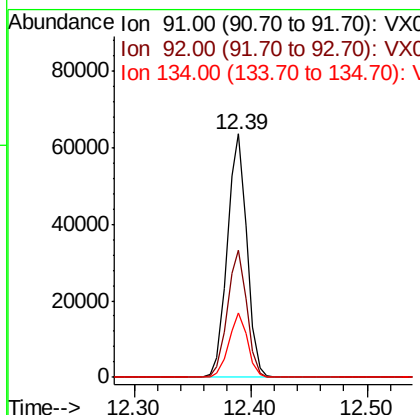
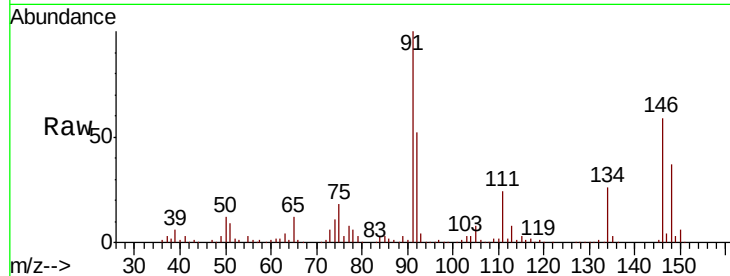




#89
n-Butylbenzene
Concen: 20.072 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

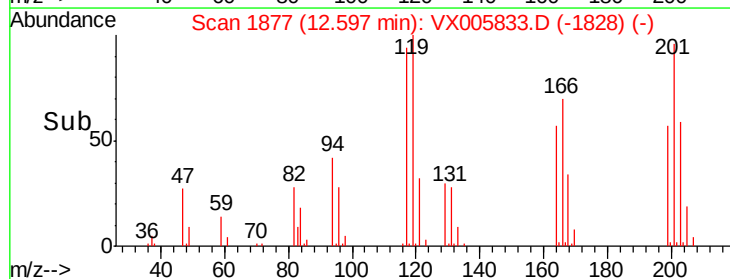
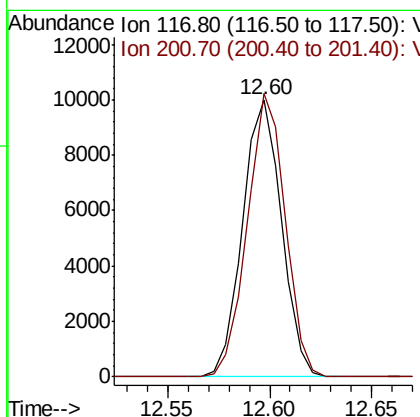
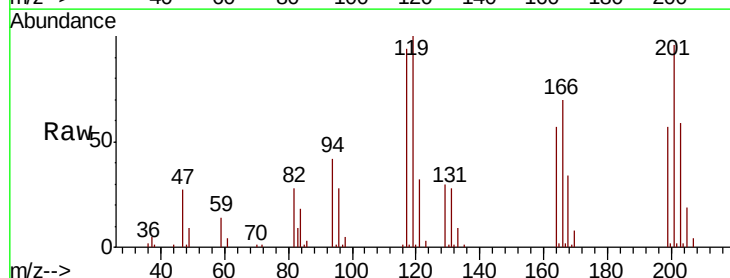
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

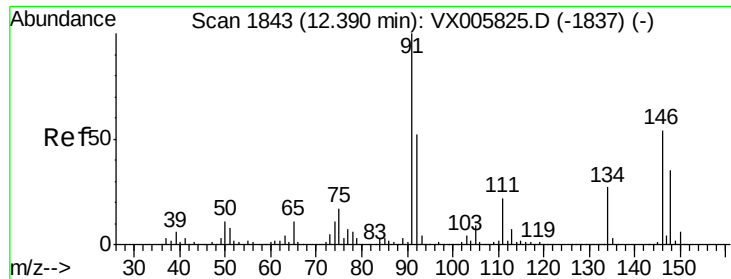
Tgt Ion: 91 Resp: 73797
Ion Ratio Lower Upper
91 100
92 51.6 26.1 78.2
134 25.5 13.1 39.3



#90
Hexachloroethane
Concen: 19.967 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005833.D
Acq: 07 Nov 2018 17:44

Tgt Ion: 117 Resp: 13224
Ion Ratio Lower Upper
117 100
201 99.7 47.9 143.6

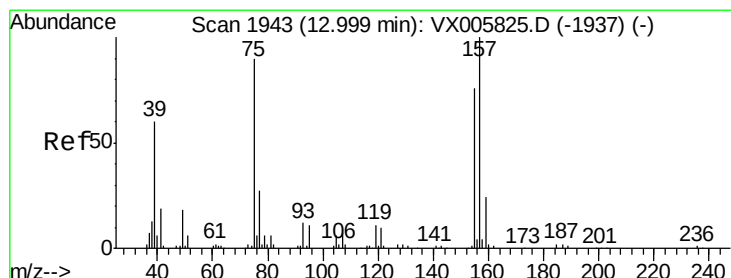
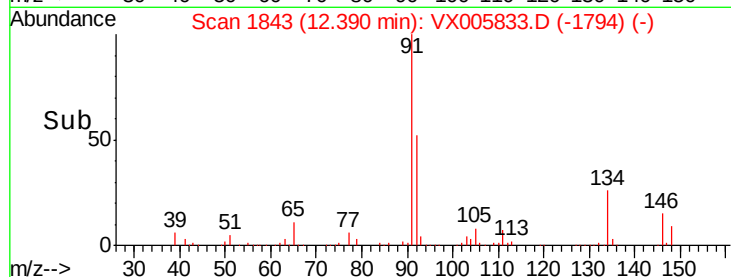
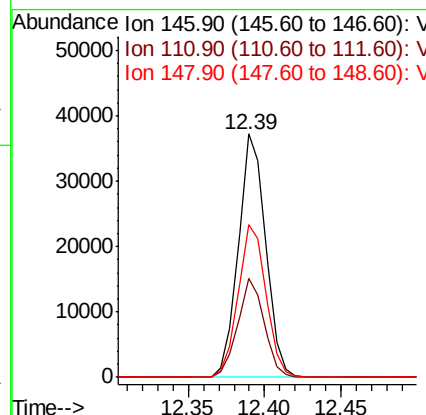
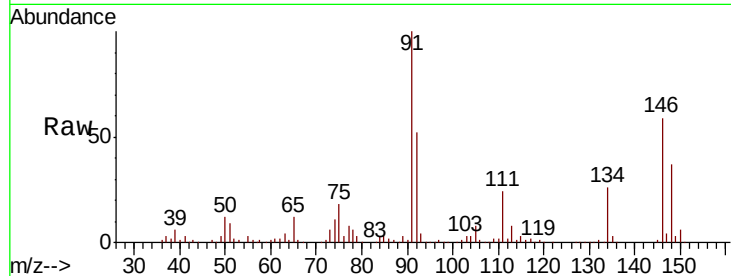




#91
 1,2-Dichlorobenzene
 Concen: 19.929 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

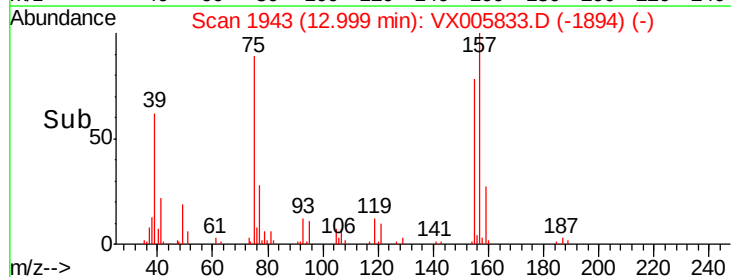
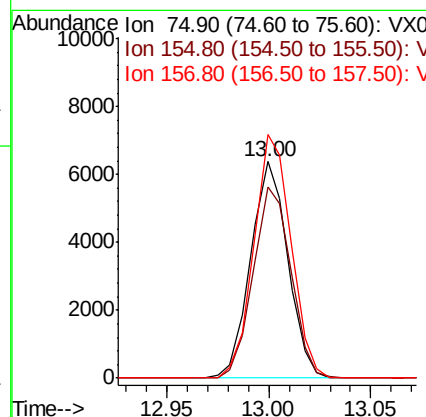
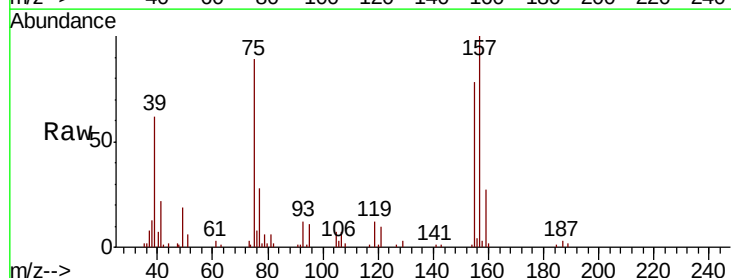
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

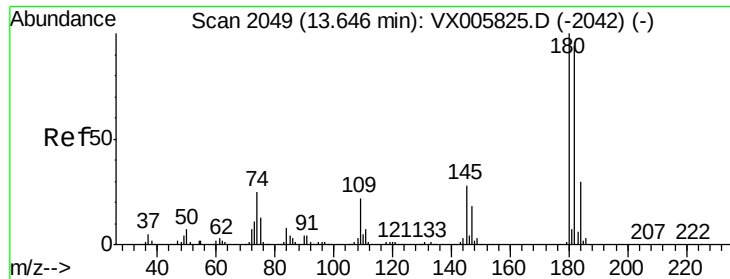
Tgt Ion: 146 Resp: 46004
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 59.9
 148 63.6 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.166 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

Tgt Ion: 75 Resp: 8076
 Ion Ratio Lower Upper
 75 100
 155 90.2 45.4 136.1
 157 112.3 57.4 172.0

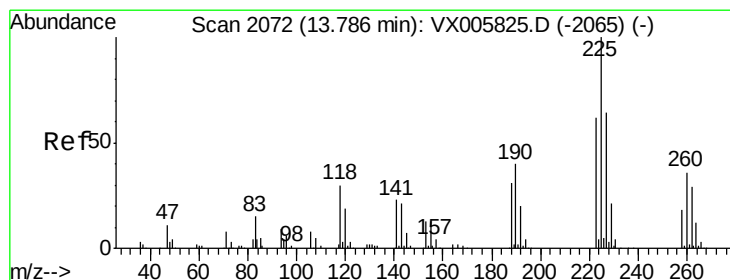
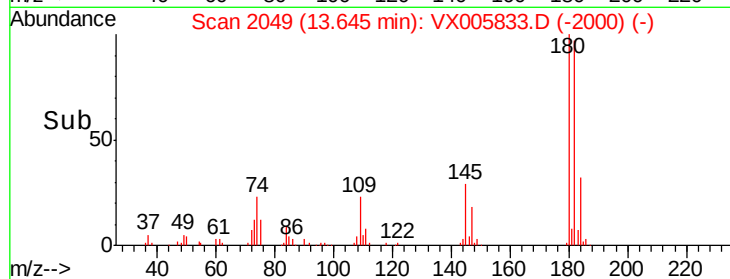
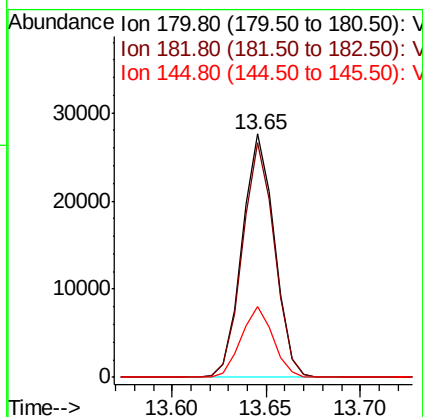
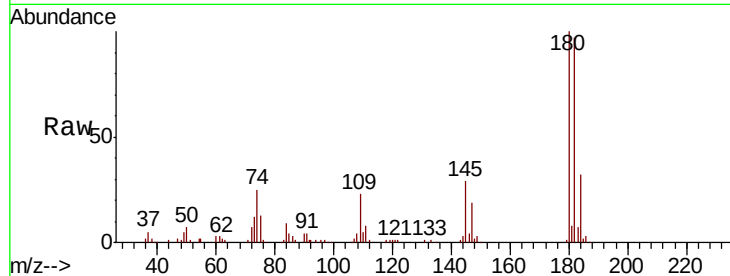




#93
 1,2,4-Trichlorobenzene
 Concen: 20.150 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

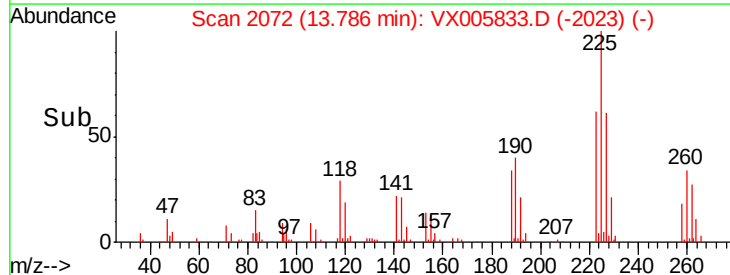
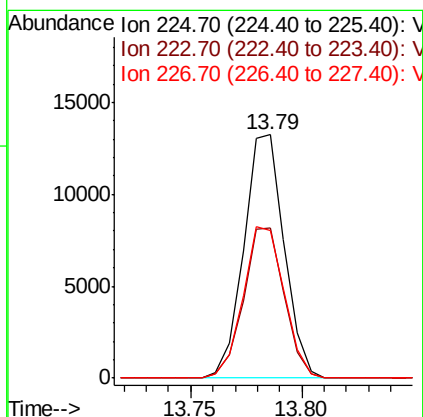
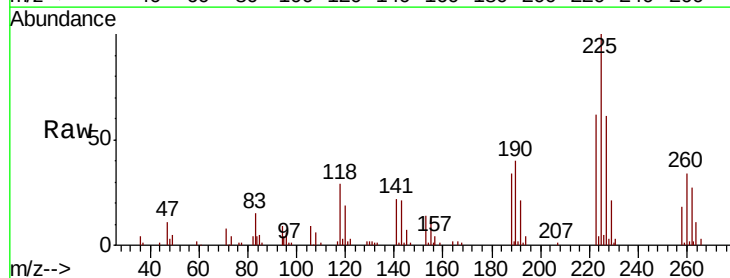
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

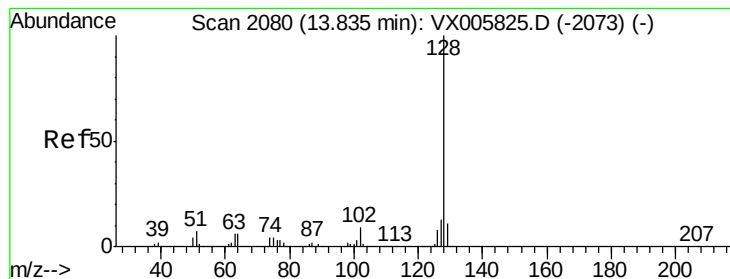
Tgt Ion:180 Resp: 32746
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.6 142.8
 145 28.8 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 19.651 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005833.D
 Acq: 07 Nov 2018 17:44

Tgt Ion:225 Resp: 16775
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.7 95.1
 227 63.2 32.3 96.9





#95

Naphthalene

Concen: 19.799 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

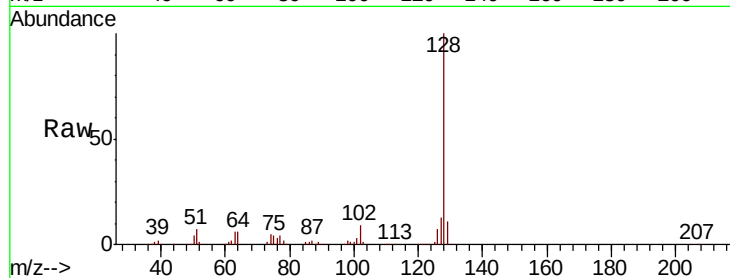
Tgt Ion:128 Resp: 101071

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

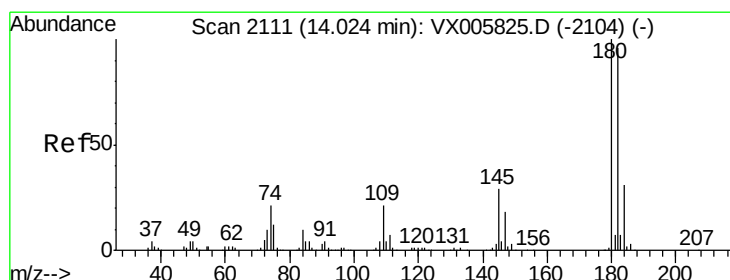
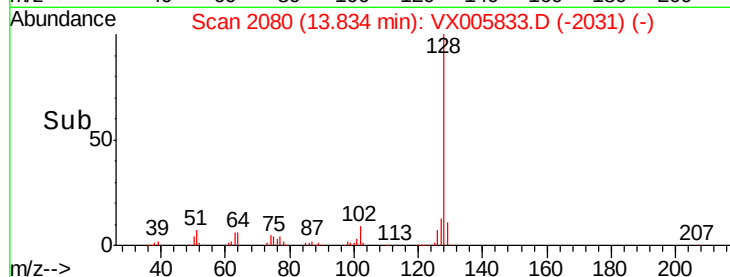
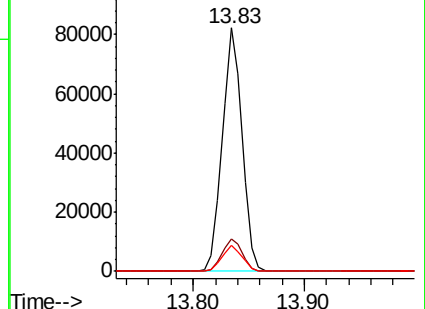
129 10.7 8.7 13.1



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: 20.797 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005833.D

Acq: 07 Nov 2018 17:44

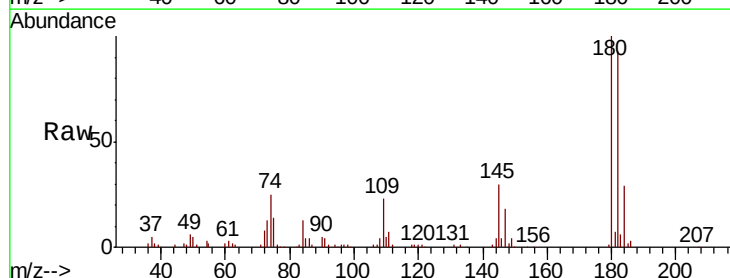
Tgt Ion:180 Resp: 34432

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.2

145 30.1 15.1 45.3



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

