

Data File : VX003740.D
Acq On : 30 Jul 2018 23:33
Operator : JC/SP
Sample : VX0730SBS01
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0730SBS01

Quant Time: Jul 31 05:55:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:41:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	104528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	158562	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	150998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	86343	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	59497	56.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.56%	
35) Dibromofluoromethane	5.51	113	51537	55.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.40%	
50) Toluene-d8	8.71	98	220155	56.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.12%	
62) 4-Bromofluorobenzene	11.14	95	72985	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	18222	20.654	ug/l	99
3) Chloromethane	1.32	50	24616	22.196	ug/l	100
4) Vinyl Chloride	1.40	62	24765	20.760	ug/l #	84
5) Bromomethane	1.64	94	16783	24.799	ug/l	96
6) Chloroethane	1.71	64	20044	25.683	ug/l	97
7) Trichlorofluoromethane	1.92	101	32663	20.880	ug/l	87
8) Diethyl Ether	2.19	74	14167	23.963	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	21152	21.316	ug/l	96
10) Methyl Iodide	2.50	142	18740	16.426	ug/l	99
11) Tert butyl alcohol	3.09	59	16503	96.407	ug/l	98
12) 1,1-Dichloroethene	2.37	96	19192	20.542	ug/l	90
13) Acrolein	2.29	56	6932	123.773	ug/l	98
14) Allyl chloride	2.72	41	37684	22.753	ug/l	100
15) Acrylonitrile	3.15	53	46937	107.817	ug/l	100
16) Acetone	2.45	43	41499	102.769	ug/l	100
17) Carbon Disulfide	2.56	76	60560	19.922	ug/l	96
18) Methyl Acetate	2.78	43	26279	23.158	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	62473	24.565	ug/l	98
20) Methylene Chloride	2.86	84	28127	24.847	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	21902	21.394	ug/l	96
22) Diisopropyl ether	3.87	45	71195	23.813	ug/l	96
23) Vinyl Acetate	3.82	43	238482	110.596	ug/l	99
24) 1,1-Dichloroethane	3.70	63	40759	23.376	ug/l	97
25) 2-Butanone	4.70	43	61631	104.697	ug/l	93
26) 2,2-Dichloropropane	4.59	77	25951	18.898	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	24927	22.594	ug/l	99
28) Bromochloromethane	5.01	49	18973	24.259	ug/l	91
29) Tetrahydrofuran	5.16	42	39184	104.451	ug/l	98
30) Chloroform	5.21	83	40405	23.517	ug/l	96
31) Cyclohexane	5.57	56	32129	19.076	ug/l #	90
32) 1,1,1-Trichloroethane	5.49	97	31361	21.238	ug/l	97
36) 1,1-Dichloropropene	5.80	75	28652	19.295	ug/l	99
37) Ethyl Acetate	4.86	43	24072	21.104	ug/l	99
38) Carbon Tetrachloride	5.78	117	26133	19.027	ug/l	94

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	32402	17.773	ug/l	99
40) Benzene	6.14	78	86796	20.397	ug/l	98
41) Methacrylonitrile	5.06	41	14019	21.804	ug/l	99
42) 1,2-Dichloroethane	6.20	62	28960	22.533	ug/l	97
43) Isopropyl Acetate	6.46	43	37587	20.682	ug/l	98
44) Trichloroethene	7.21	130	23138	19.061	ug/l	98
45) 1,2-Dichloropropane	7.52	63	22745	21.735	ug/l	95
46) Dibromomethane	7.67	93	12771	21.178	ug/l	95
47) Bromodichloromethane	7.90	83	26270	21.860	ug/l	99
48) Methyl methacrylate	7.77	41	19711	21.622	ug/l	94
49) 1,4-Dioxane	7.76	88	6619	359.738	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	121783	109.035	ug/l	98
52) Toluene	8.79	92	59658	22.475	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	30414	22.159	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	31863	20.827	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	21415	23.442	ug/l	97
56) Ethyl methacrylate	9.18	69	27960	22.281	ug/l	95
57) 1,3-Dichloropropane	9.37	76	35323	23.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	58901	98.424	ug/l	97
59) 2-Hexanone	9.50	43	87476	102.805	ug/l	96
60) Dibromochloromethane	9.59	129	18846	20.484	ug/l	95
61) 1,2-Dibromoethane	9.68	107	19753	21.177	ug/l	99
64) Tetrachloroethene	9.34	164	26202	22.076	ug/l	95
65) Chlorobenzene	10.14	112	62165	19.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	20235	19.665	ug/l	99
67) Ethyl Benzene	10.26	91	101891	19.124	ug/l	98
68) m/p-Xylenes	10.36	106	79527	38.157	ug/l	97
69) o-Xylene	10.70	106	37419	19.335	ug/l	96
70) Styrene	10.71	104	64658	19.859	ug/l	99
71) Bromoform	10.86	173	12845	18.155	ug/l #	100
73) Isopropylbenzene	11.02	105	99386	18.387	ug/l	100
74) N-amyl acetate	6.46	43	37587	19.618	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	27959	19.896	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	29423	24.723	ug/l	84
77) Bromobenzene	11.26	156	27886	19.788	ug/l	96
78) n-propylbenzene	11.36	91	123192	18.812	ug/l	99
79) 2-Chlorotoluene	11.42	91	72617	19.532	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	88380	19.156	ug/l #	69
81) trans-1,4-Dichloro-2-buten	11.08	75	6783	16.882	ug/l	91
82) 4-Chlorotoluene	11.51	91	88570	19.641	ug/l	100
83) tert-Butylbenzene	11.77	119	82417	18.061	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	91731	19.316	ug/l	98
85) sec-Butylbenzene	11.95	105	107793	18.464	ug/l	99
86) p-Isopropyltoluene	12.07	119	98242	18.514	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	54901	19.259	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	56538	19.440	ug/l	99
89) n-Butylbenzene	12.39	91	94108	18.634	ug/l	98
90) Hexachloroethane	12.60	117	14195	18.016	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	51620	19.444	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	5196	18.635	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073018\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	38127	18.105	ug/l	100
94) Hexachlorobutadiene	13.79	225	22790	16.922	ug/l	99
95) Naphthalene	13.83	128	83972	18.659	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	35074	18.347	ug/l	99

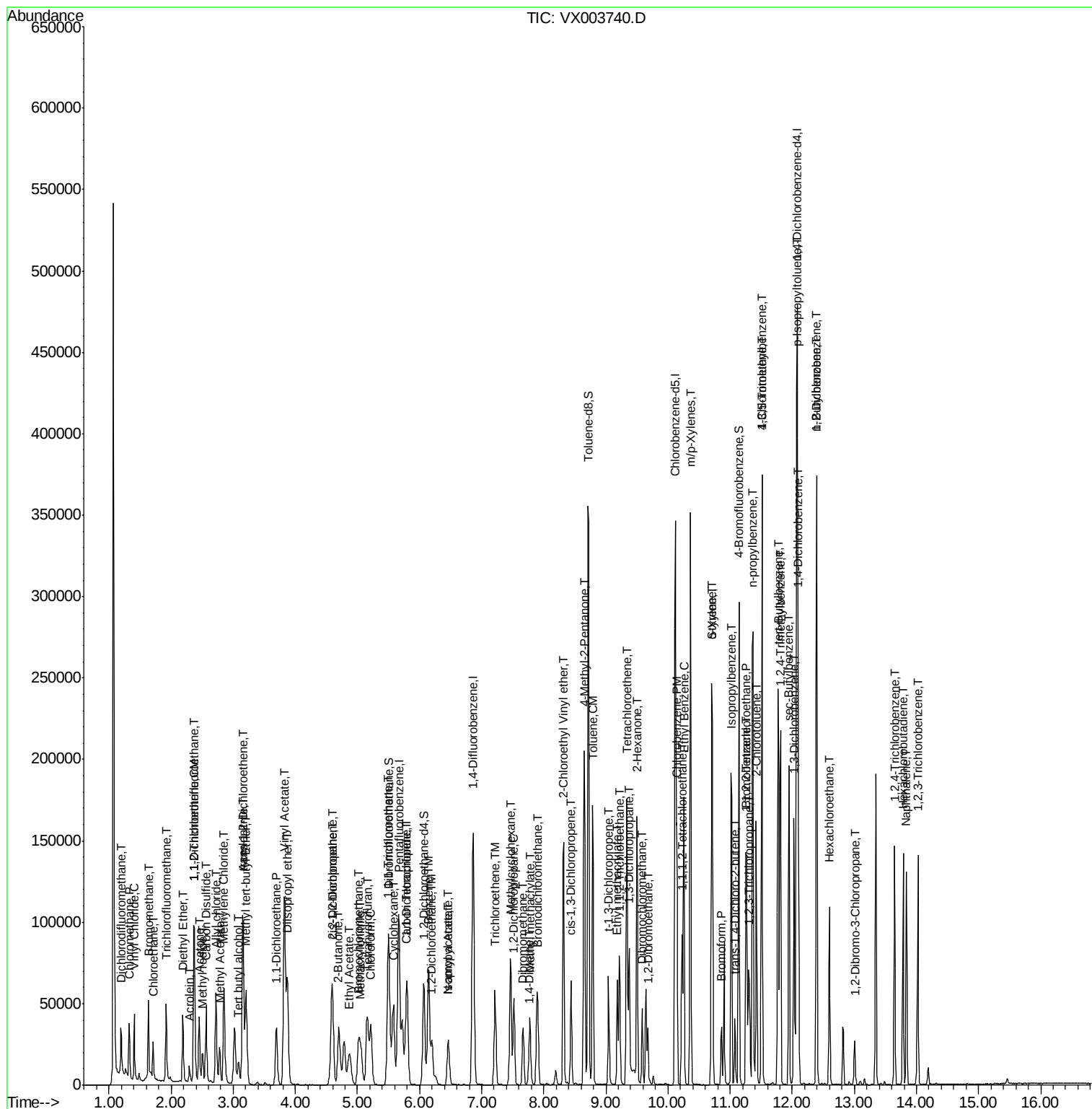
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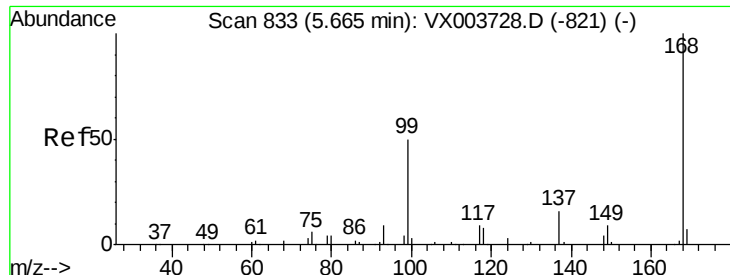
Data File : VX003740.D

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Instrument :
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ClientSampleId :
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Quant Time: Jul 31 05:55:05 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

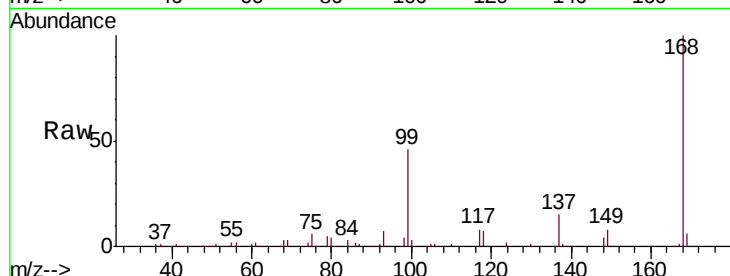
VX0730SBS01

Tgt Ion:168 Resp: 104528

Ion Ratio Lower Upper

168 100

99 45.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

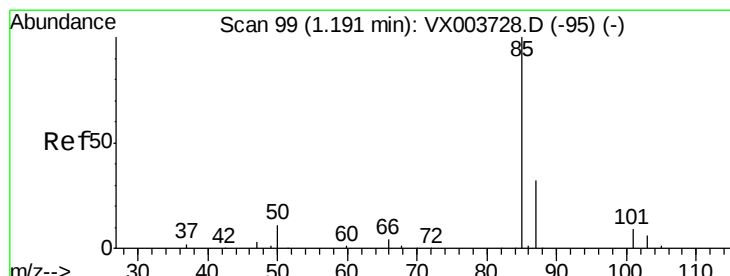
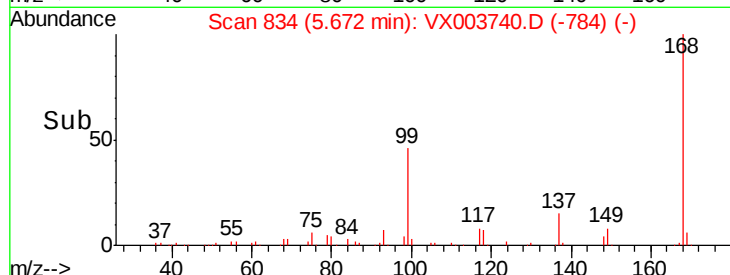
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.654 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003740.D

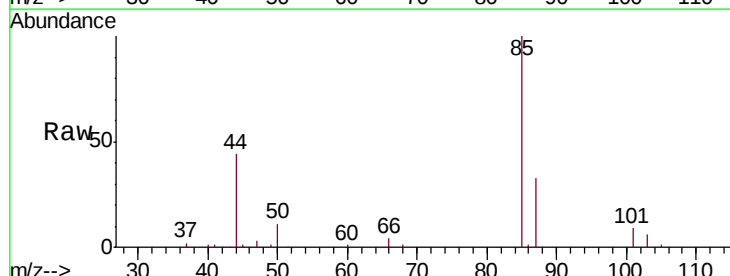
Acq: 30 Jul 2018 23:33

Tgt Ion: 85 Resp: 18222

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

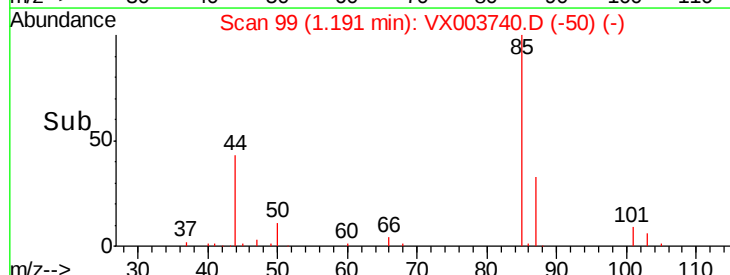
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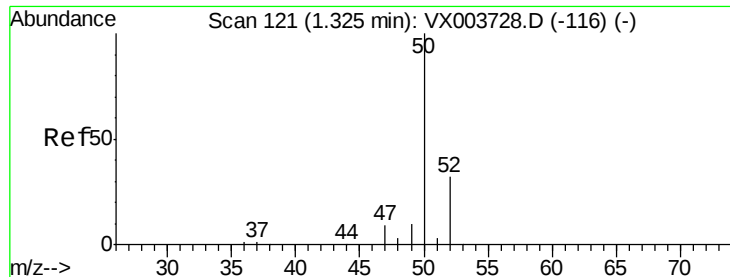
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5000

0

Time--> 1.15 1.20 1.25

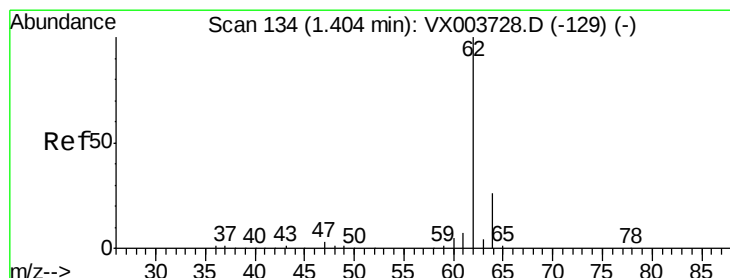
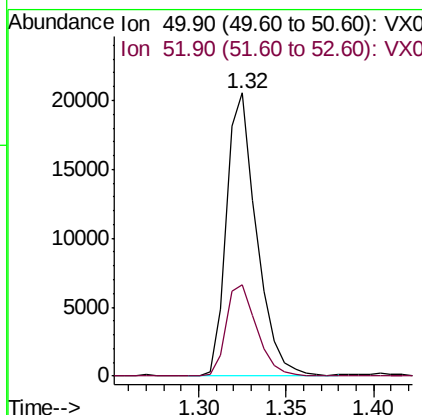
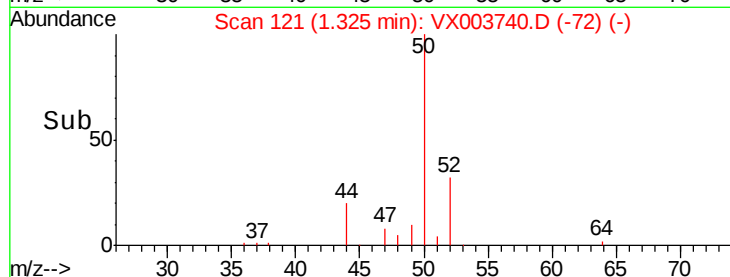
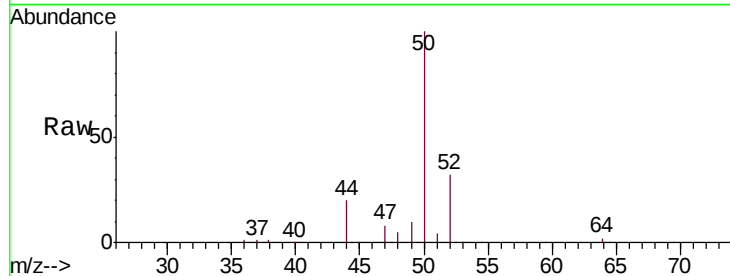




#3
Chloromethane
Concen: 22.196 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003740.D
Acq: 30 Jul 2018 23:33

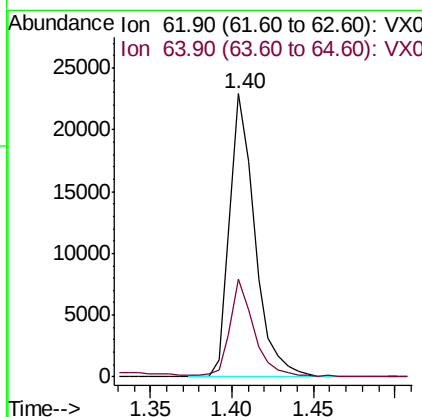
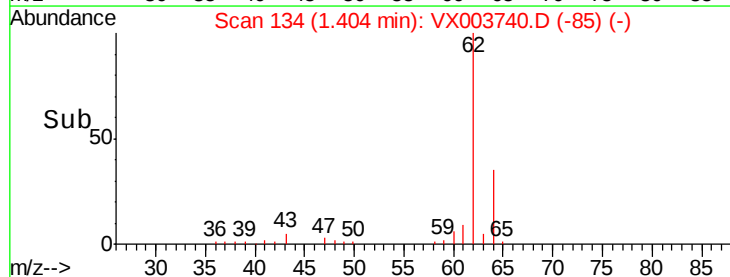
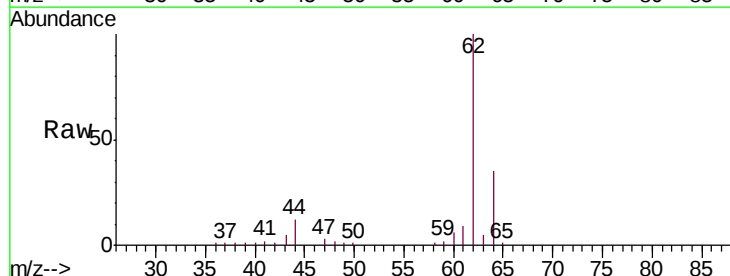
Instrument :
MSVOA_X
ClientSampleId :
VX0730SBS01

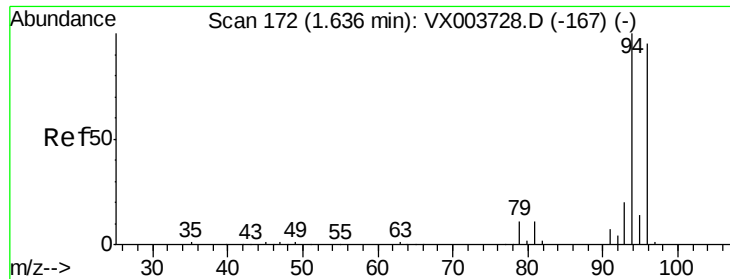
Tgt Ion: 50 Resp: 24616
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9



#4
Vinyl Chloride
Concen: 20.760 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003740.D
Acq: 30 Jul 2018 23:33

Tgt Ion: 62 Resp: 24765
Ion Ratio Lower Upper
62 100
64 34.5 21.0 31.4#

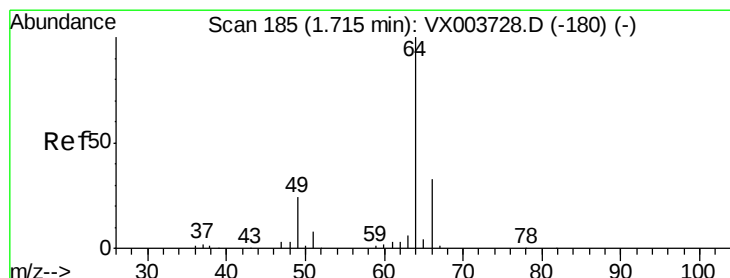
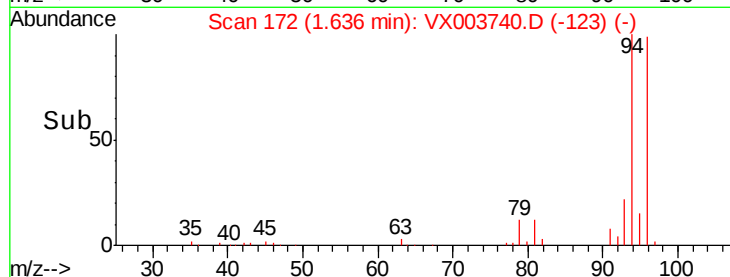
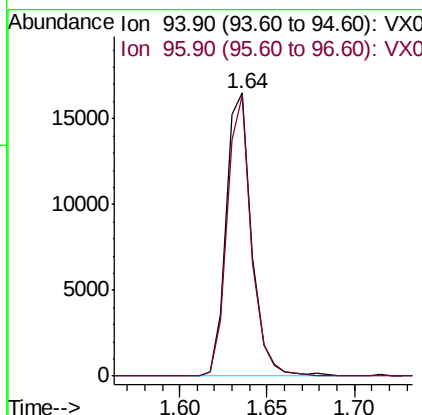
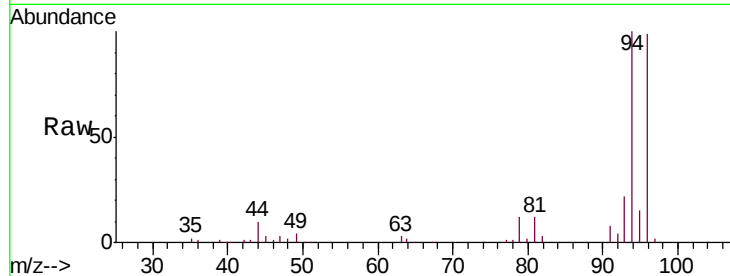




#5
Bromomethane
Concen: 24.799 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003740.D
Acq: 30 Jul 2018 23:33

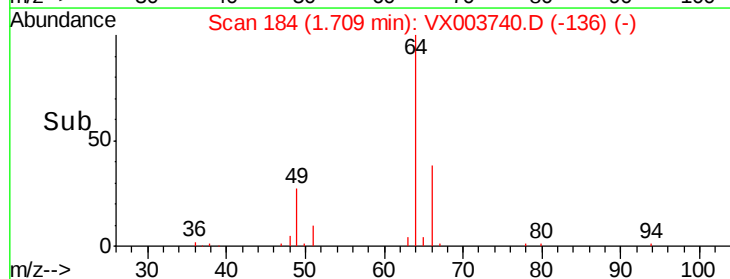
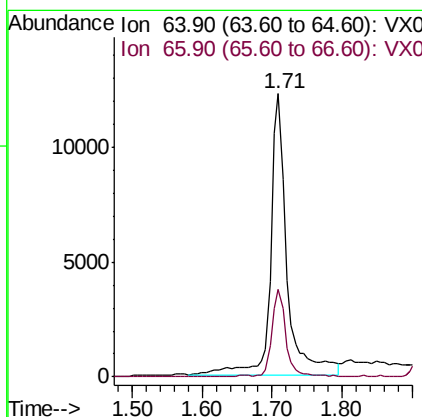
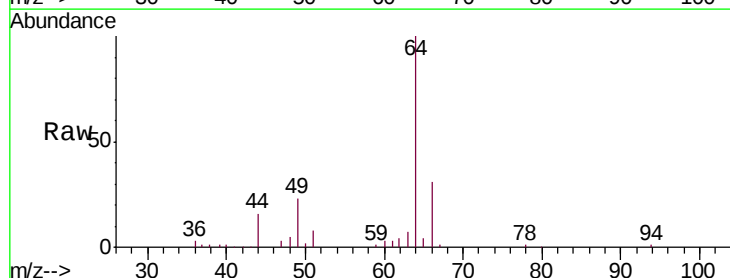
Instrument :
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ClientSampleId :
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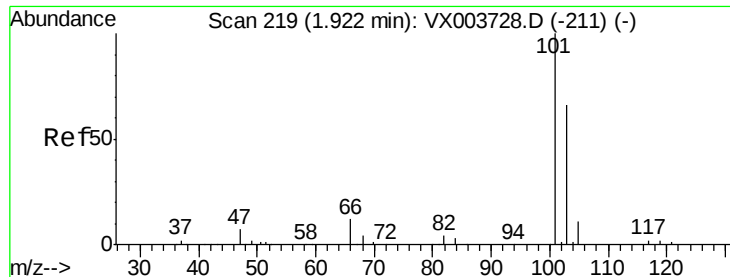
Tgt Ion: 94 Resp: 16783
Ion Ratio Lower Upper
94 100
96 99.1 76.0 114.0



#6
Chloroethane
Concen: 25.683 ug/l
RT: 1.71 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX003740.D
Acq: 30 Jul 2018 23:33

Tgt Ion: 64 Resp: 20044
Ion Ratio Lower Upper
64 100
66 31.1 26.4 39.6



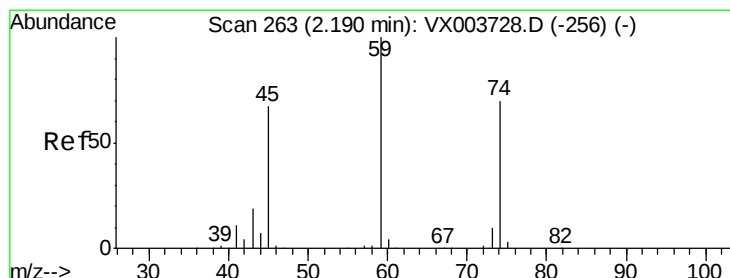
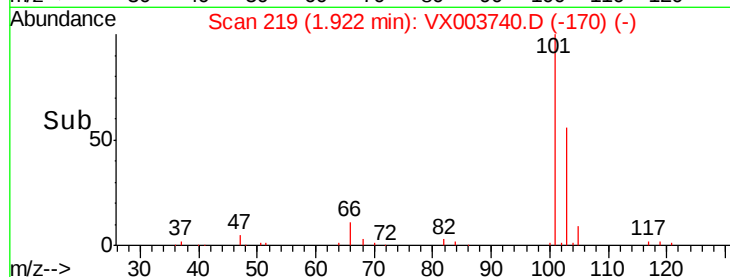
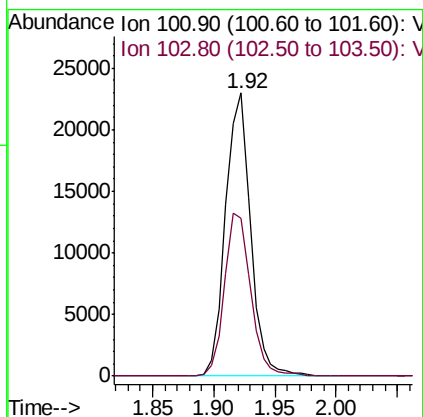
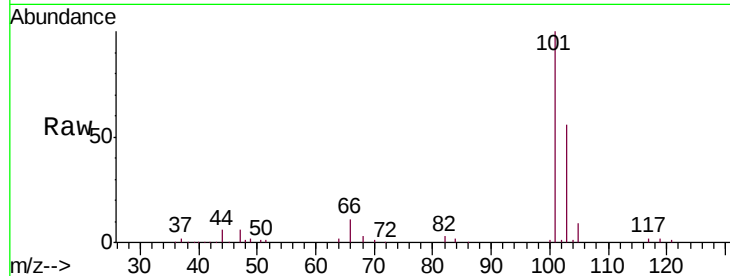


#7

Trichlorofluoromethane
 Concen: 20.880 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003740.D
 Acq: 30 Jul 2018 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730SBS01

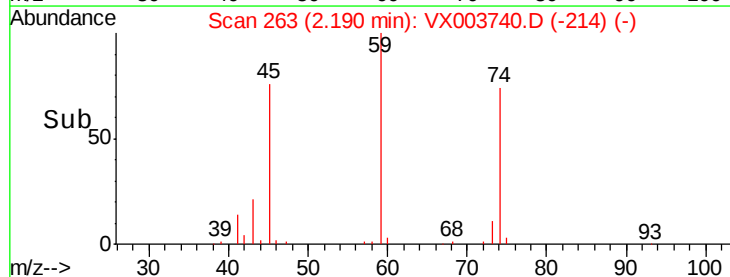
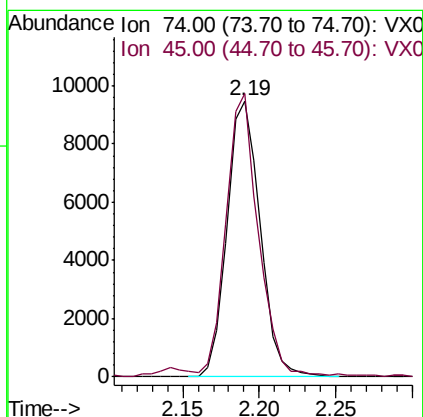
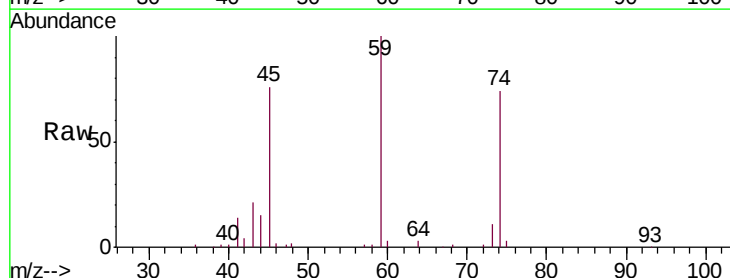
Tgt Ion: 101 Resp: 32663
 Ion Ratio Lower Upper
 101 100
 103 55.7 52.6 78.8

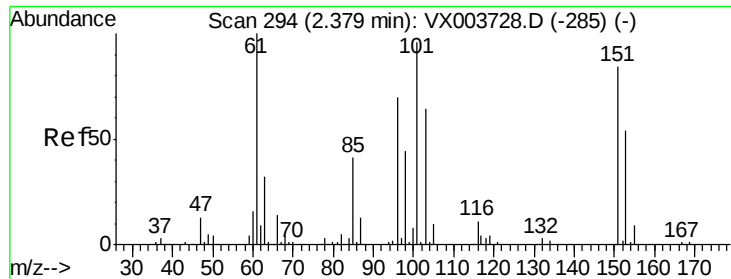


#8

Diethyl Ether
 Concen: 23.963 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003740.D
 Acq: 30 Jul 2018 23:33

Tgt Ion: 74 Resp: 14167
 Ion Ratio Lower Upper
 74 100
 45 101.3 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.316 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0730SBS01

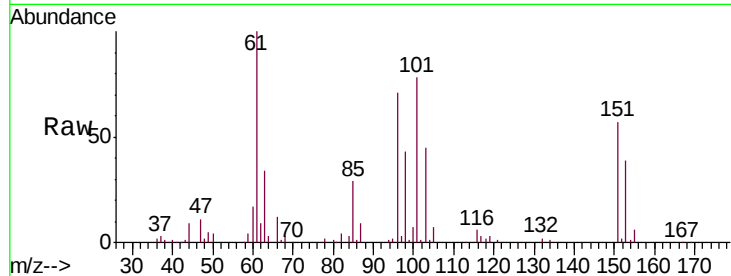
Tgt Ion:101 Resp: 21152

Ion Ratio Lower Upper

101 100

85 39.3 33.3 49.9

151 82.6 68.8 103.2

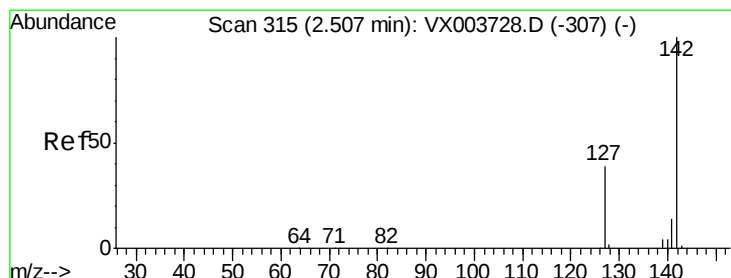
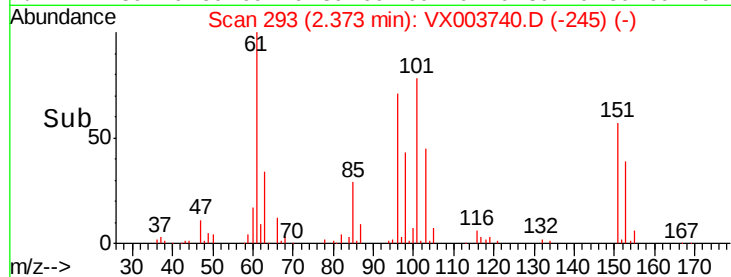
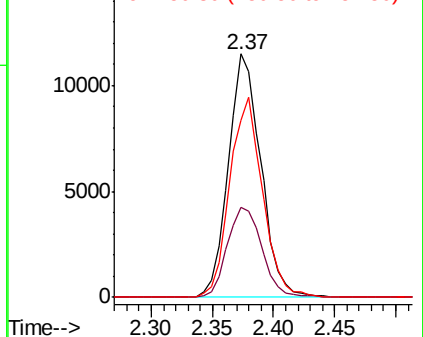


Abundance

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: 16.426 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

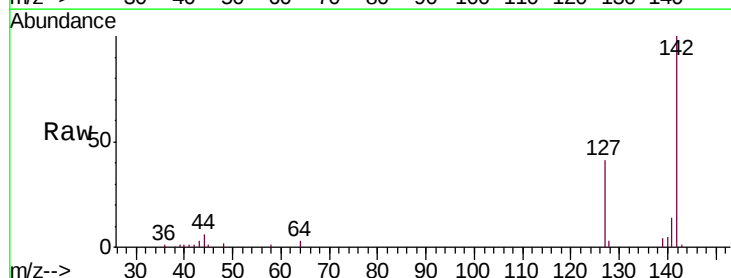
Tgt Ion:142 Resp: 18740

Ion Ratio Lower Upper

142 100

127 40.5 32.0 48.0

141 14.1 11.3 16.9

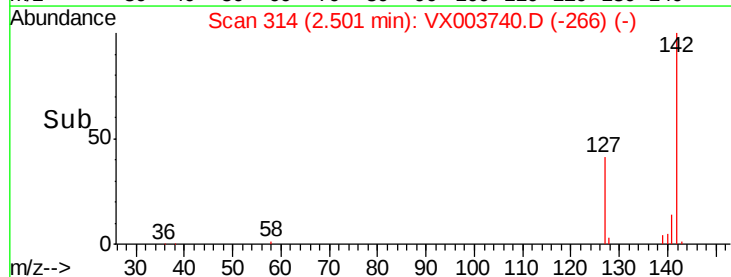
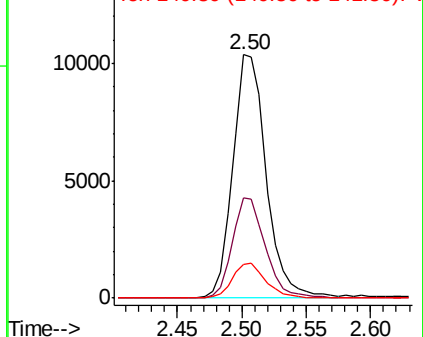


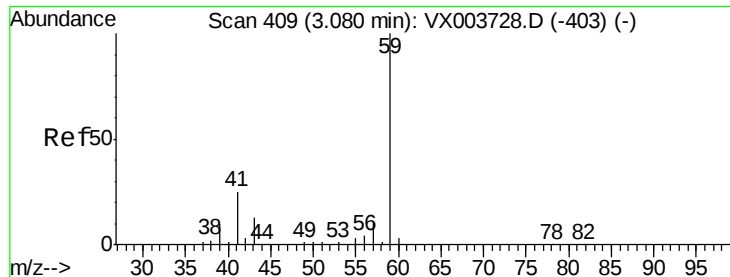
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

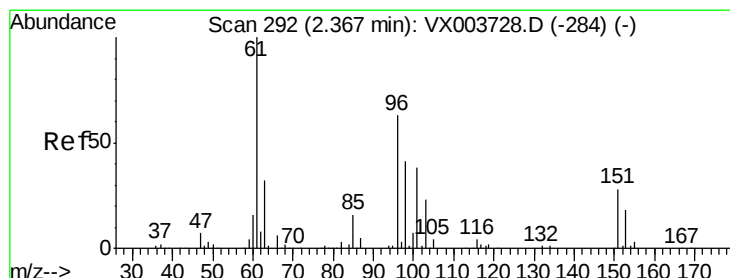
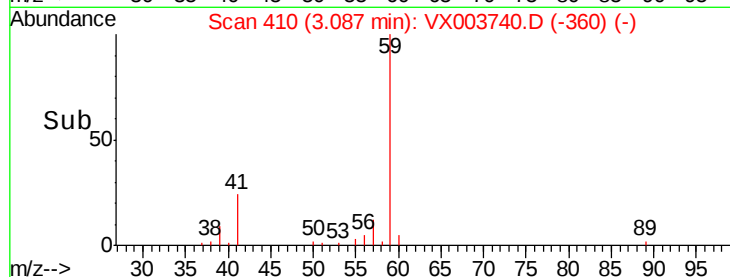
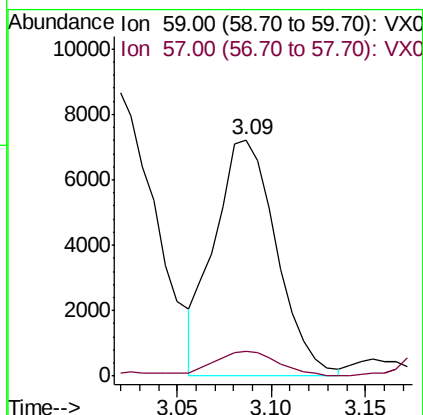
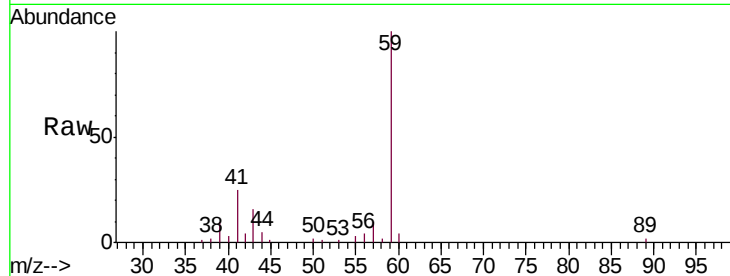




#11
Tert butyl alcohol
Concen: 96.407 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003740.D
Acq: 30 Jul 2018 23:33

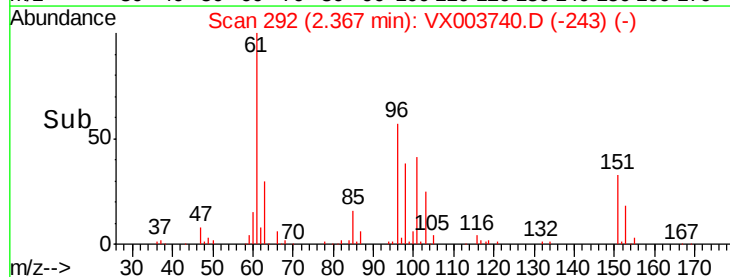
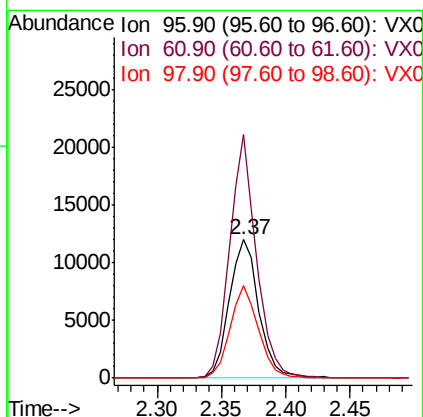
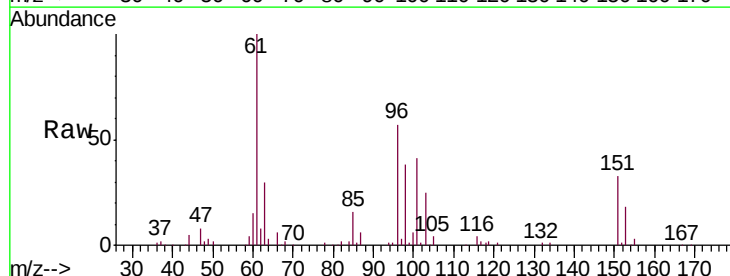
Instrument :
MSVOA_X
ClientSampleId :
VX0730SBS01

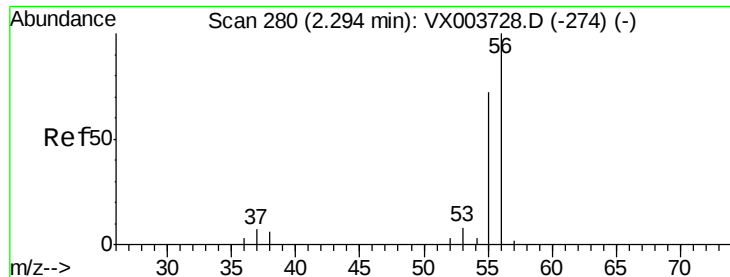
Tgt Ion: 59 Resp: 16503
Ion Ratio Lower Upper
59 100
57 11.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 20.542 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX003740.D
Acq: 30 Jul 2018 23:33

Tgt Ion: 96 Resp: 19192
Ion Ratio Lower Upper
96 100
61 176.0 127.1 190.7
98 66.7 52.0 78.0

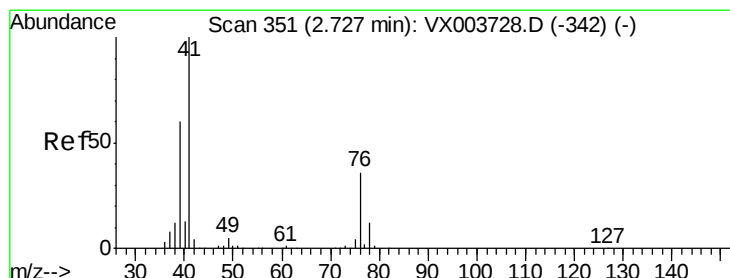
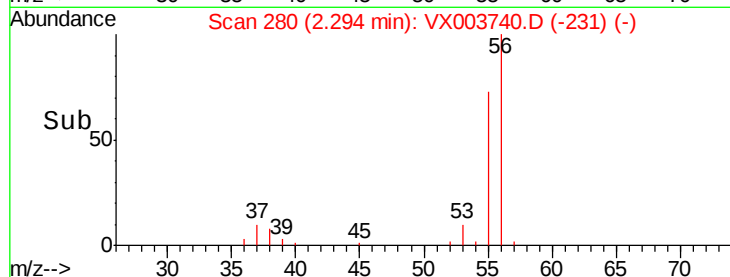
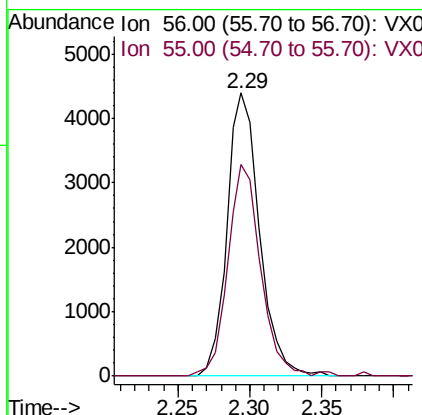
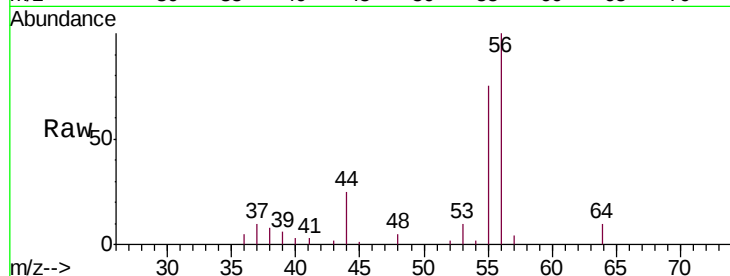




#13
Acrolein
Concen: 123.773 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003740.D
Acq: 30 Jul 2018 23:33

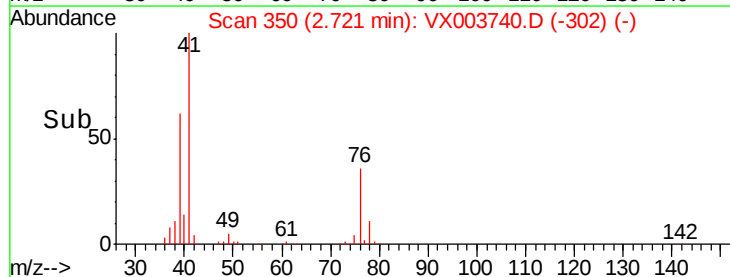
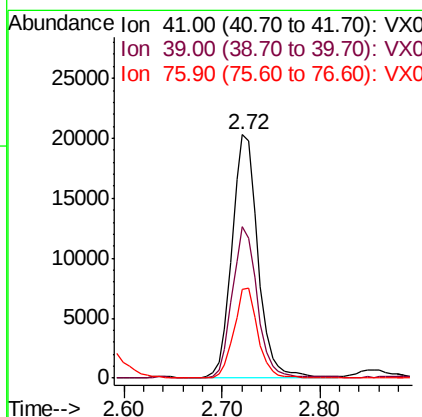
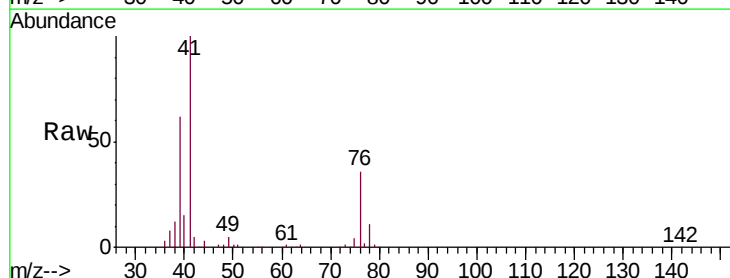
Instrument :
MSVOA_X
ClientSampleId :
VX0730SBS01

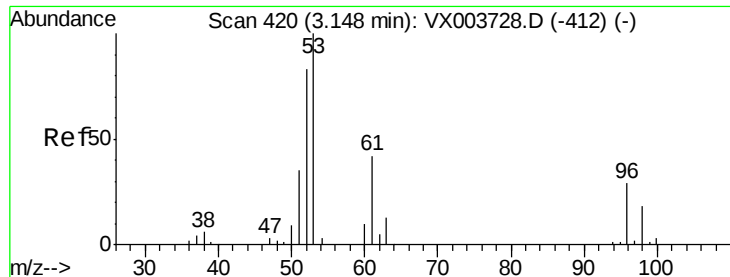
Tgt Ion: 56 Resp: 6932
Ion Ratio Lower Upper
56 100
55 75.3 61.4 92.0



#14
Allyl chloride
Concen: 22.753 ug/l
RT: 2.72 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX003740.D
Acq: 30 Jul 2018 23:33

Tgt Ion: 41 Resp: 37684
Ion Ratio Lower Upper
41 100
39 59.8 47.7 71.5
76 33.7 27.0 40.6





#15

Acrylonitrile

Concen: 107.817 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0730SBS01

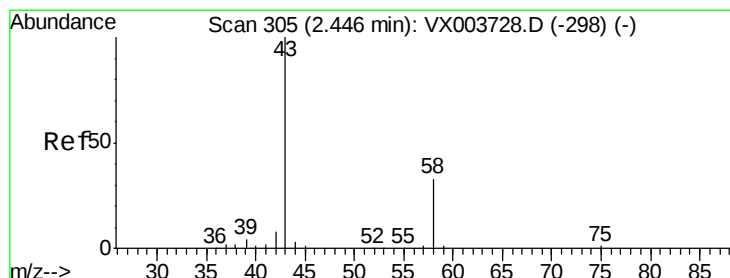
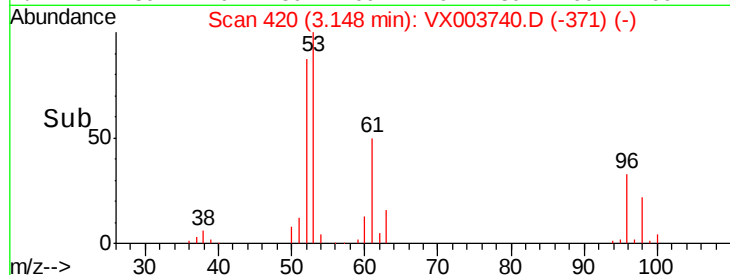
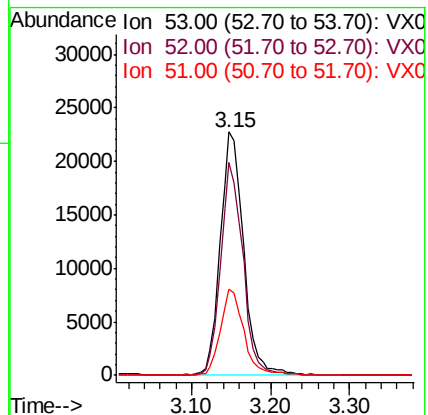
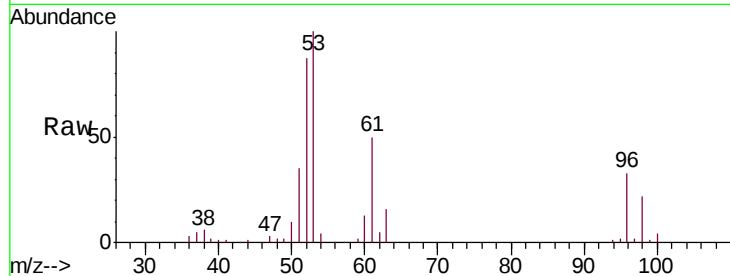
Tgt Ion: 53 Resp: 46937

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.2

51 35.7 28.5 42.7



#16

Acetone

Concen: 102.769 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003740.D

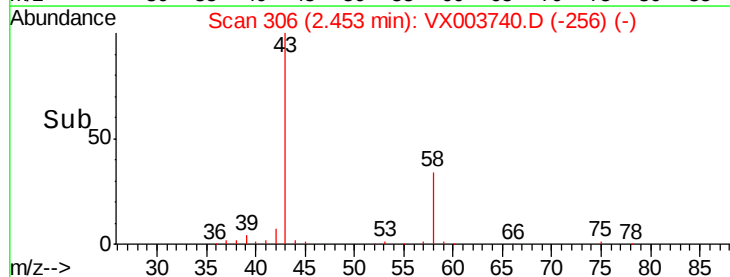
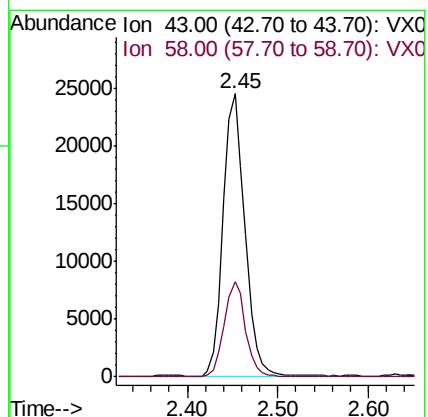
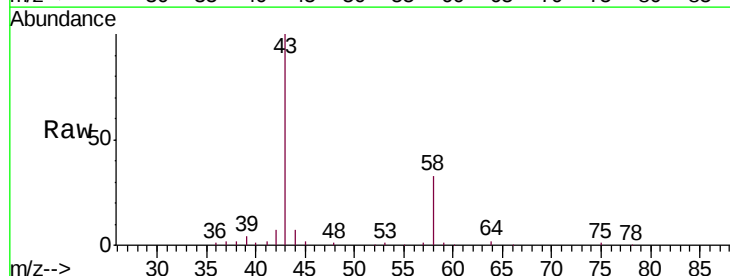
Acq: 30 Jul 2018 23:33

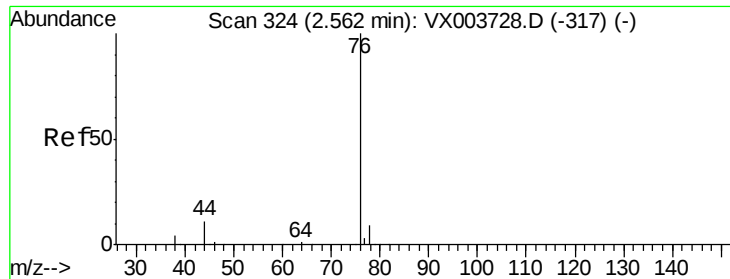
Tgt Ion: 43 Resp: 41499

Ion Ratio Lower Upper

43 100

58 33.5 26.7 40.1

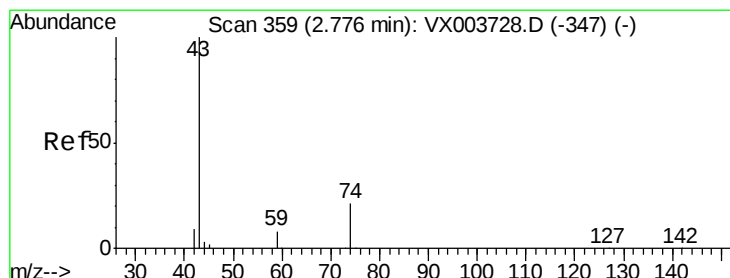
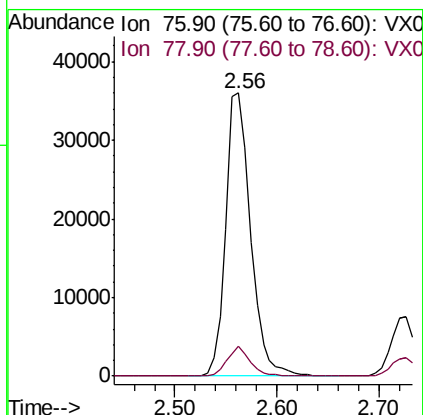
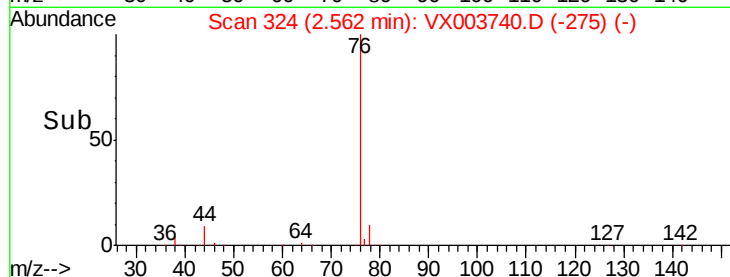
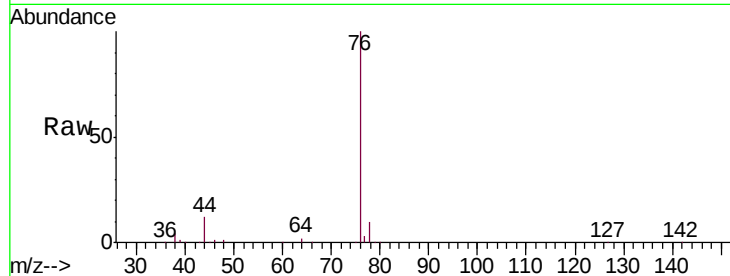




#17
Carbon Disulfide
Concen: 19.922 ug/l
RT: 2.56 min Scan# 324
Delta R.T. 0.00 min
Lab File: VX003740.D
Acq: 30 Jul 2018 23:33

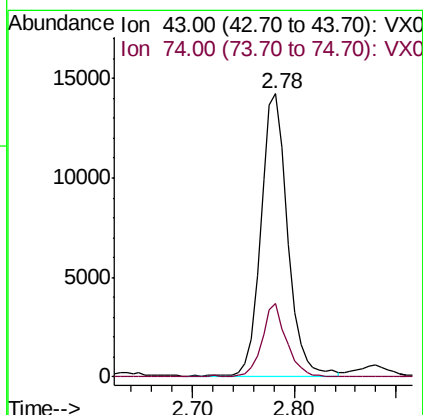
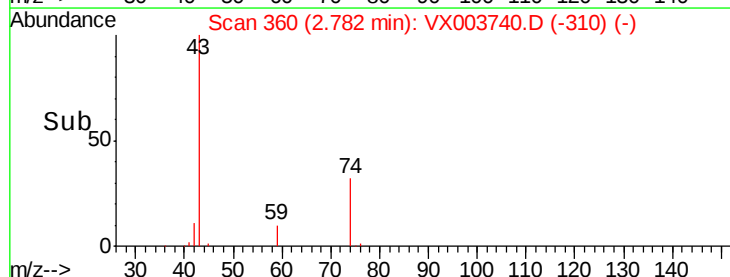
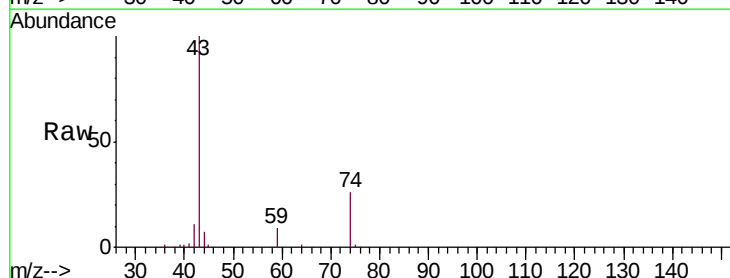
Instrument :
MSVOA_X
ClientSampleId :
VX0730SBS01

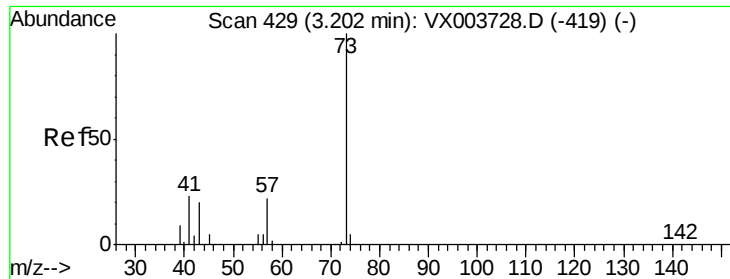
Tgt Ion: 76 Resp: 60560
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9



#18
Methyl Acetate
Concen: 23.158 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX003740.D
Acq: 30 Jul 2018 23:33

Tgt Ion: 43 Resp: 26279
Ion Ratio Lower Upper
43 100
74 23.3 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 24.565 ug/l

RT: 3.20 min Scan# 429

Delta R.T. 0.00 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

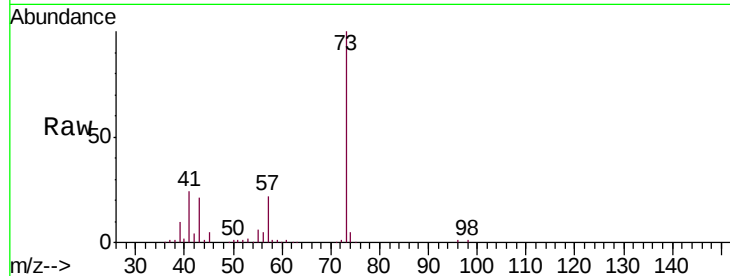
VX0730SBS01

Tgt Ion: 73 Resp: 62473

Ion Ratio Lower Upper

73 100

57 21.8 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

25000

20000

15000

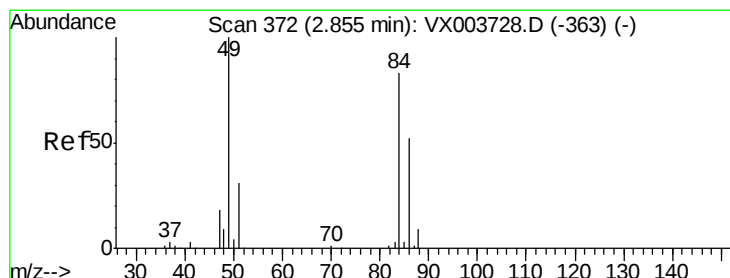
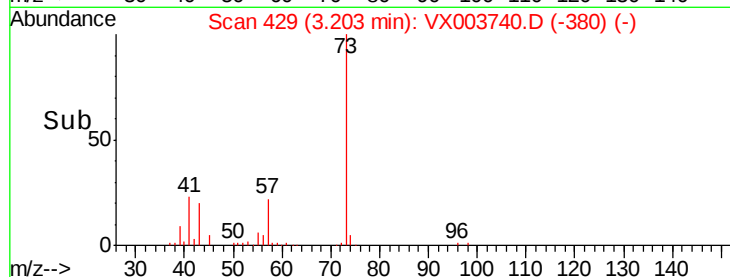
10000

5000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 24.847 ug/l

RT: 2.86 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

Tgt Ion: 84 Resp: 28127

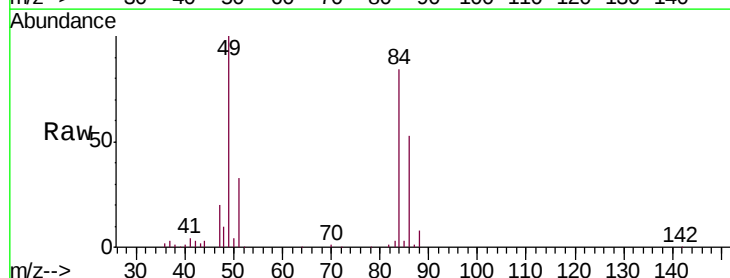
Ion Ratio Lower Upper

84 100

49 118.5 95.8 143.8

51 39.1 29.6 44.4

86 63.2 50.0 75.0



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

25000

20000

15000

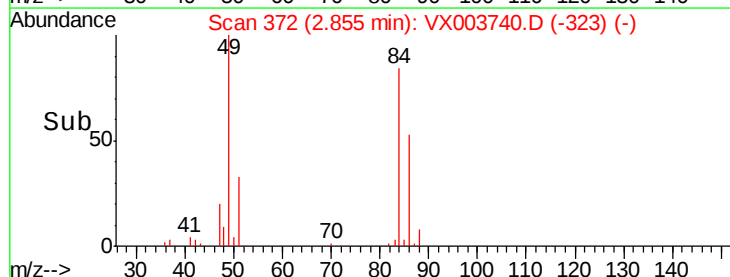
10000

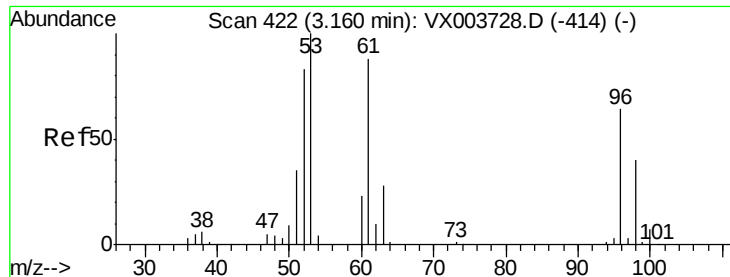
5000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#21

trans-1,2-Dichloroethene

Concen: 21.394 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0730SBS01

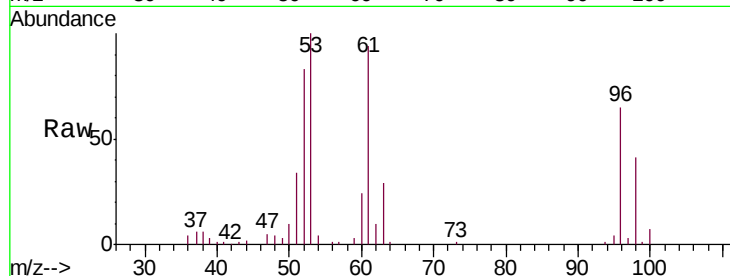
Tgt Ion: 96 Resp: 21902

Ion Ratio Lower Upper

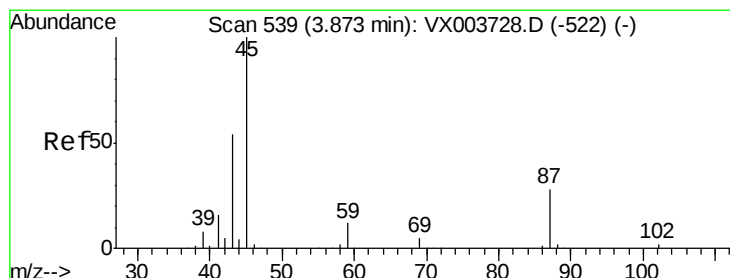
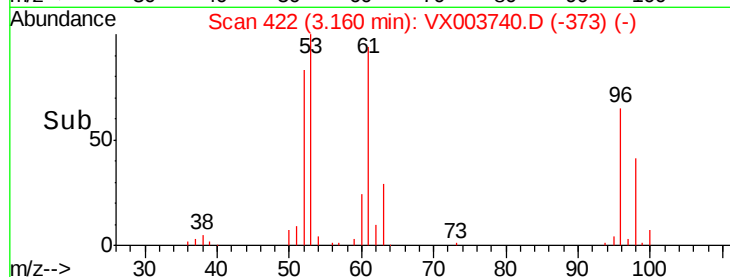
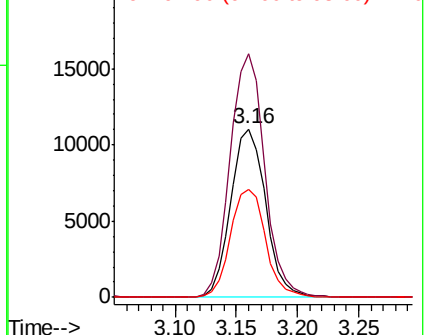
96 100

61 144.5 110.9 166.3

98 63.8 50.2 75.4



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



#22

Diisopropyl ether

Concen: 23.813 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

Tgt Ion: 45 Resp: 71195

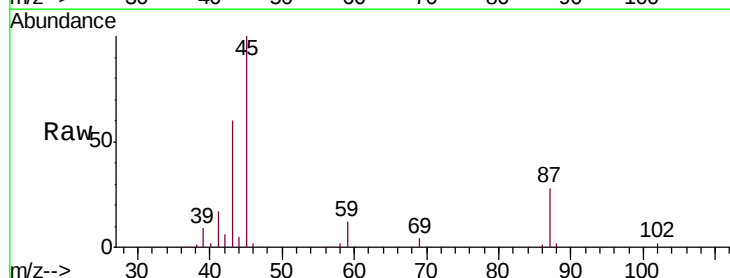
Ion Ratio Lower Upper

45 100

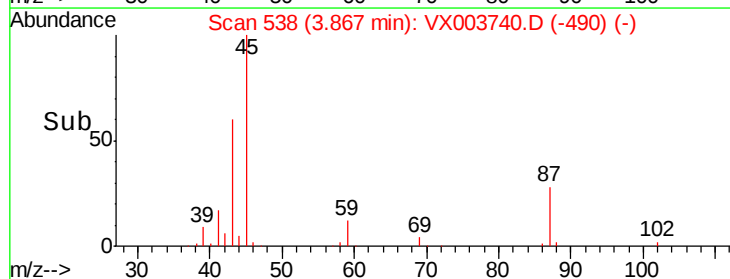
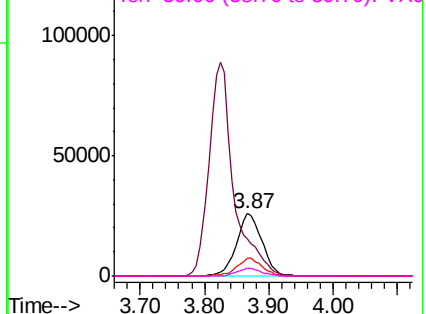
43 59.5 43.5 65.3

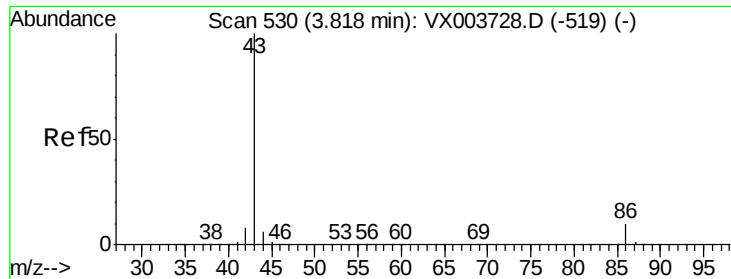
87 28.2 22.6 33.8

59 11.9 9.3 13.9



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: 110.596 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

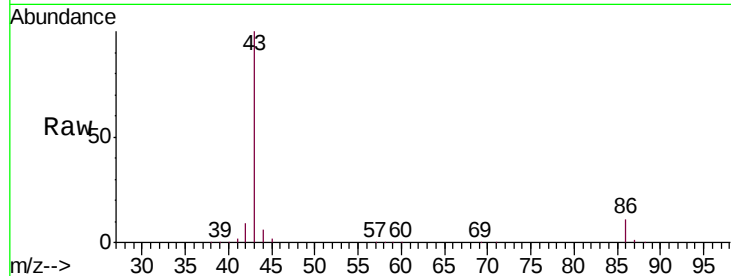
VX0730SBS01

Tgt Ion: 43 Resp: 238482

Ion Ratio Lower Upper

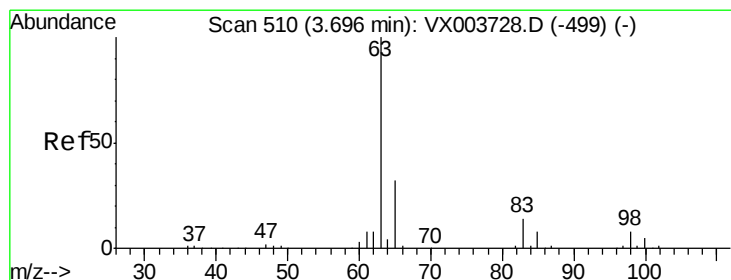
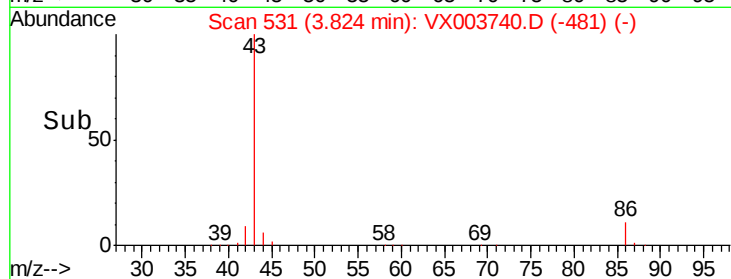
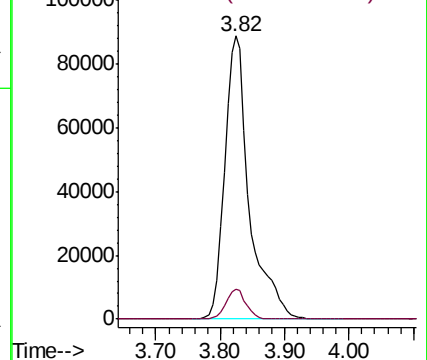
43 100

86 10.6 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 23.376 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

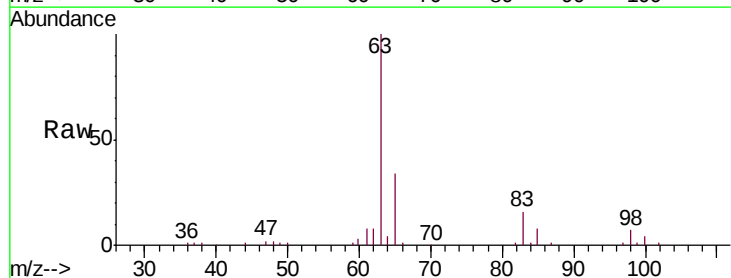
Tgt Ion: 63 Resp: 40759

Ion Ratio Lower Upper

63 100

98 6.9 4.0 12.0

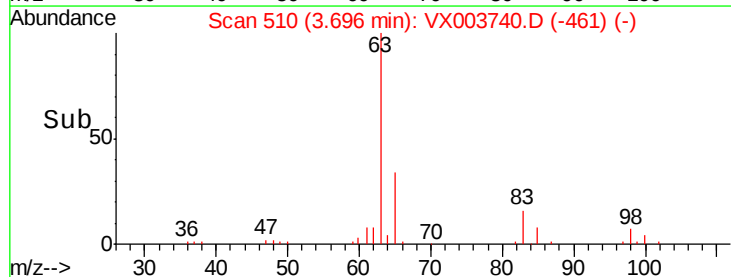
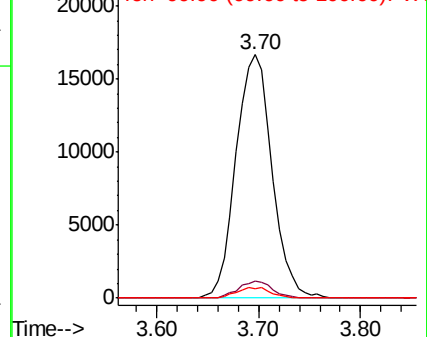
100 3.8 2.4 7.2

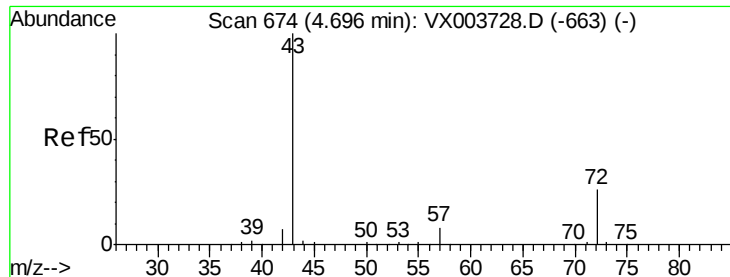


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.697 ug/l

RT: 4.70 min Scan# 674

Delta R.T. 0.00 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

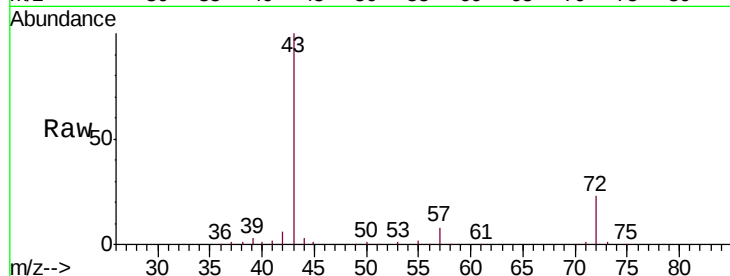
VX0730SBS01

Tgt Ion: 43 Resp: 61631

Ion Ratio Lower Upper

43 100

72 22.5 20.9 31.3



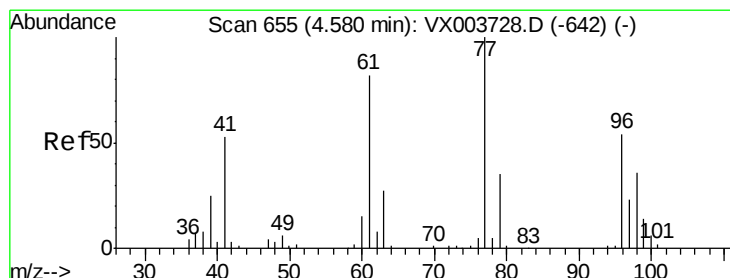
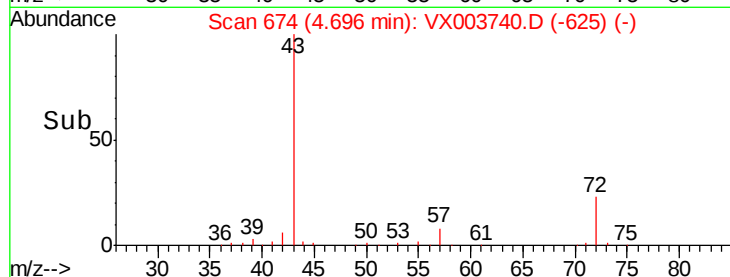
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Time-->

4.70

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 18.898 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003740.D

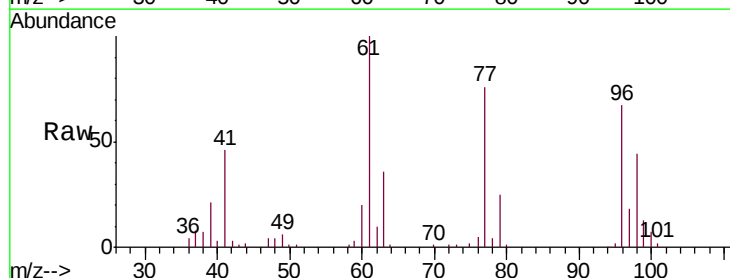
Acq: 30 Jul 2018 23:33

Tgt Ion: 77 Resp: 25951

Ion Ratio Lower Upper

77 100

97 25.6 12.2 36.6



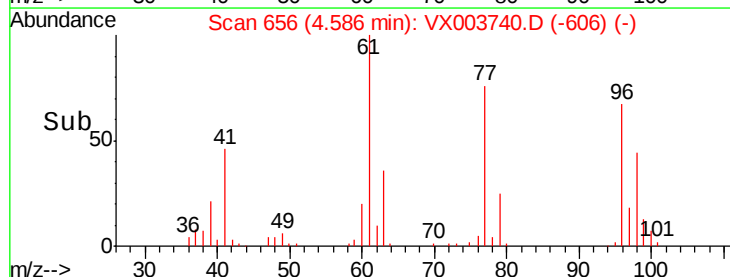
Abundance Ion 76.90 (76.60 to 77.60): VX0

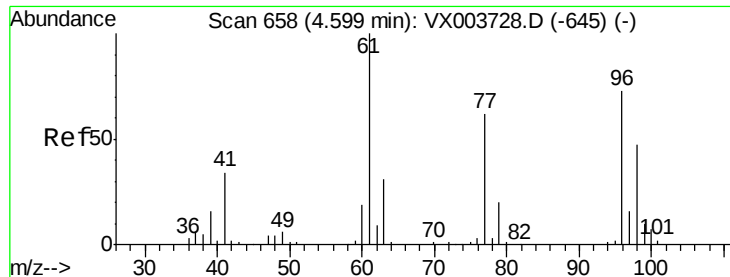
Ion 96.90 (96.60 to 97.60): VX0

Time-->

4.59

4.50 4.60 4.70





#27

cis-1,2-Dichloroethene

Concen: 22.594 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0730SBS01

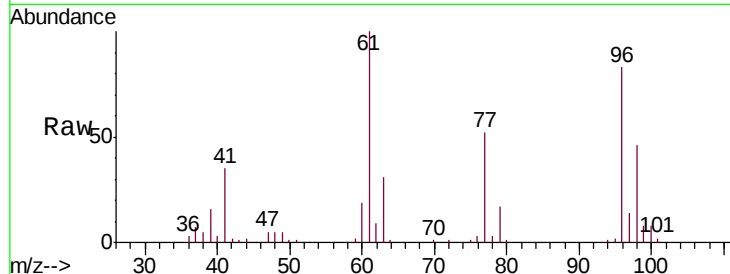
Tgt Ion: 96 Resp: 24927

Ion Ratio Lower Upper

96 100

61 144.2 0.0 285.6

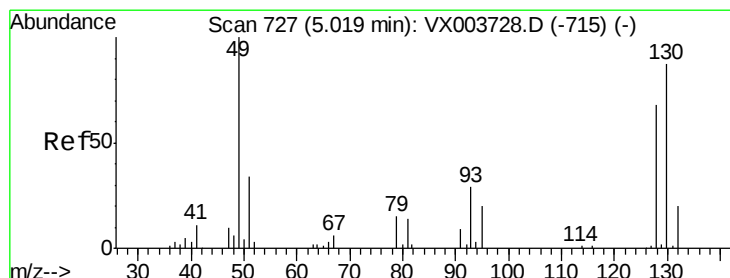
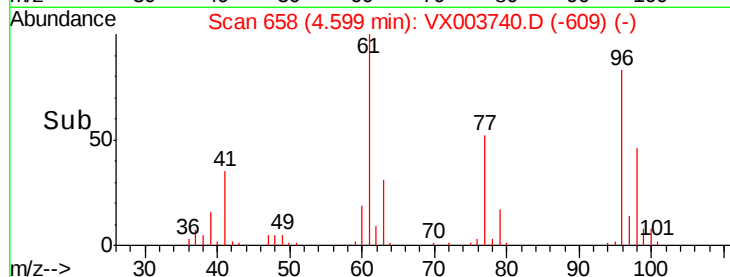
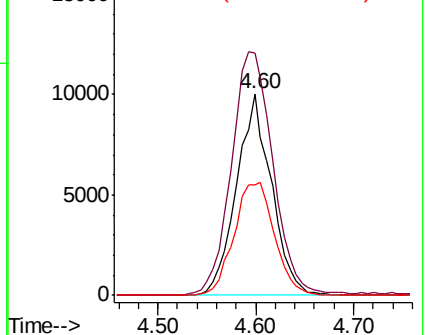
98 64.5 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 24.259 ug/l

RT: 5.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

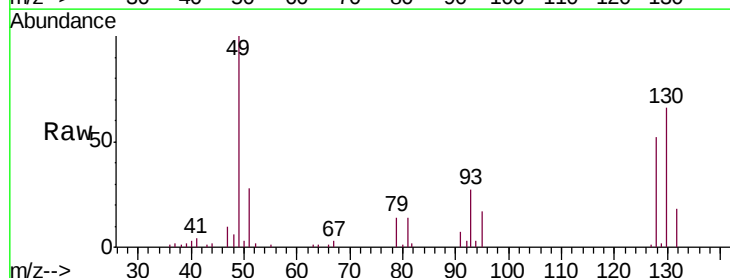
Tgt Ion: 49 Resp: 18973

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

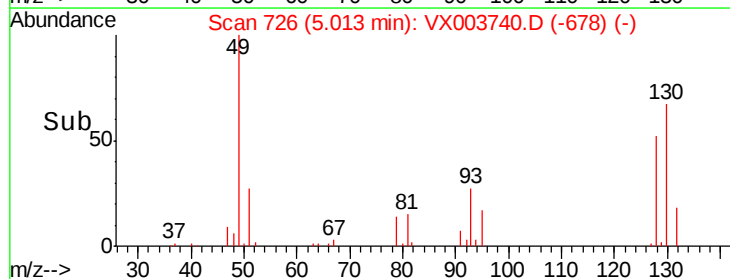
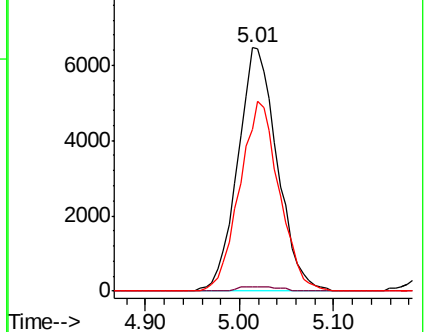
130 77.9 68.9 103.3

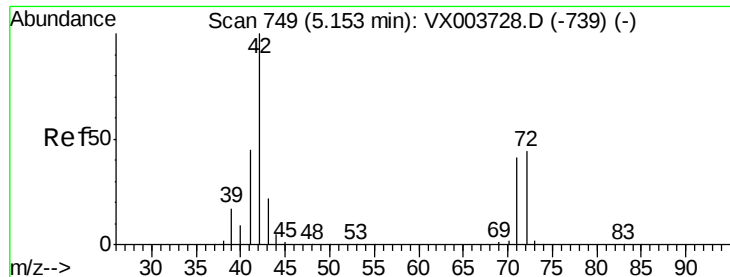


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

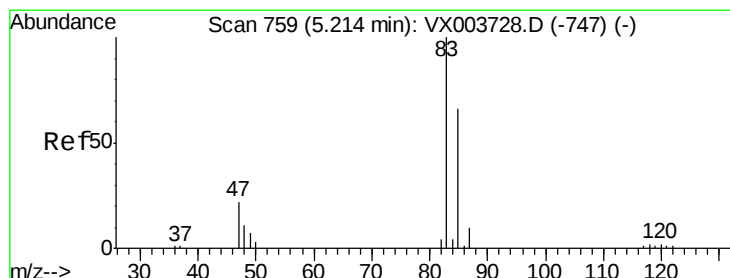
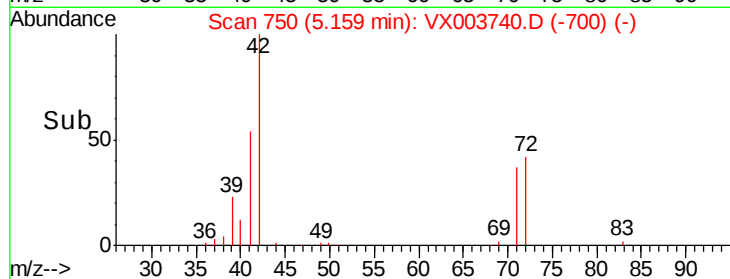
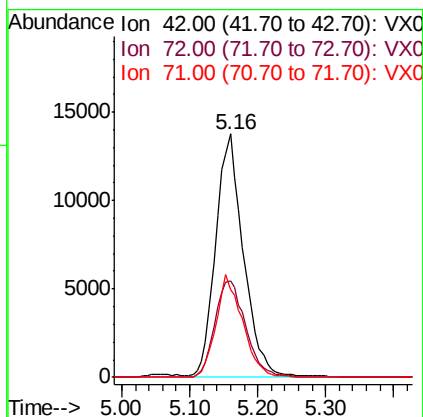
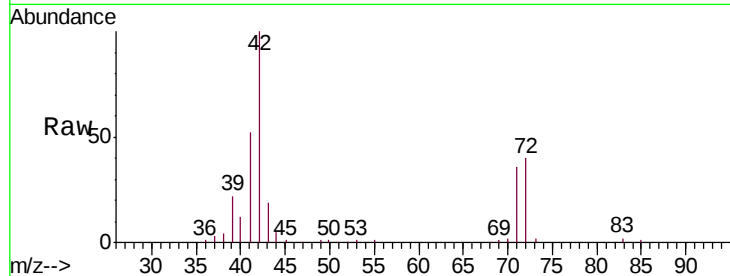




#29
Tetrahydrofuran
Concen: 104.451 ug/l
RT: 5.16 min Scan# 750
Delta R.T. 0.01 min
Lab File: VX003740.D
Acq: 30 Jul 2018 23:33

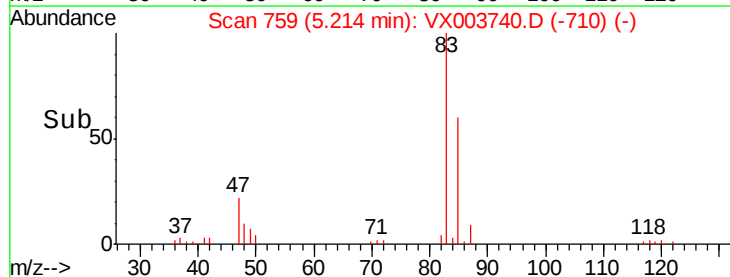
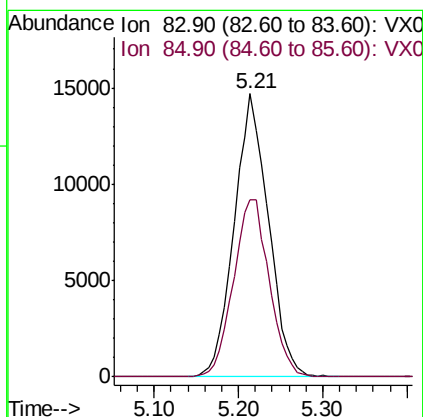
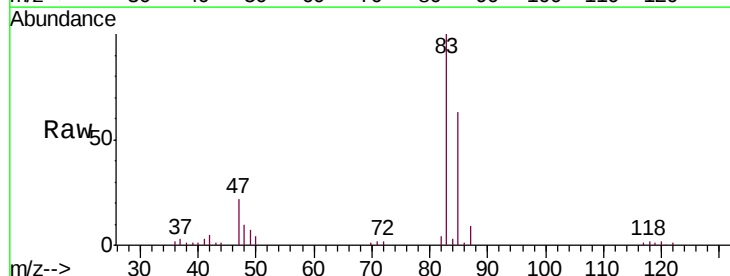
Instrument :
MSVOA_X
ClientSampleId :
VX0730SBS01

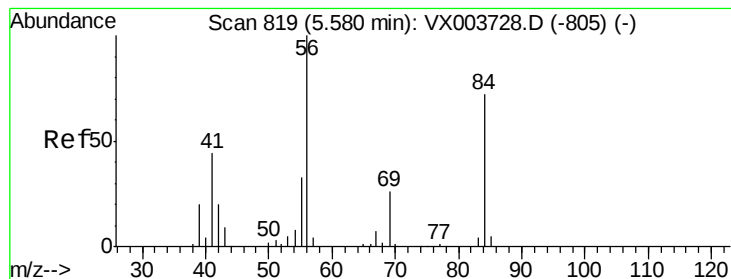
Tgt Ion: 42 Resp: 39184
Ion Ratio Lower Upper
42 100
72 43.5 35.6 53.4
71 40.2 33.4 50.0



#30
Chloroform
Concen: 23.517 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003740.D
Acq: 30 Jul 2018 23:33

Tgt Ion: 83 Resp: 40405
Ion Ratio Lower Upper
83 100
85 62.7 52.8 79.2





#31

Cyclohexane

Concen: 19.076 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0730SBS01

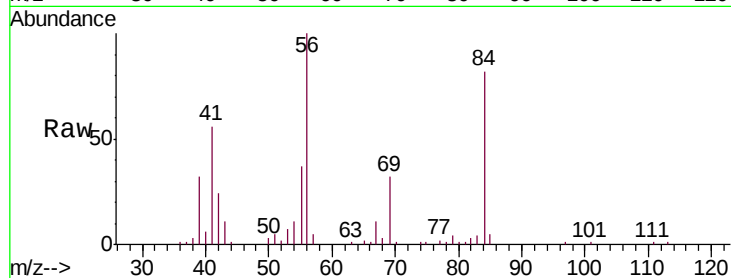
Tgt Ion: 56 Resp: 32129

Ion Ratio Lower Upper

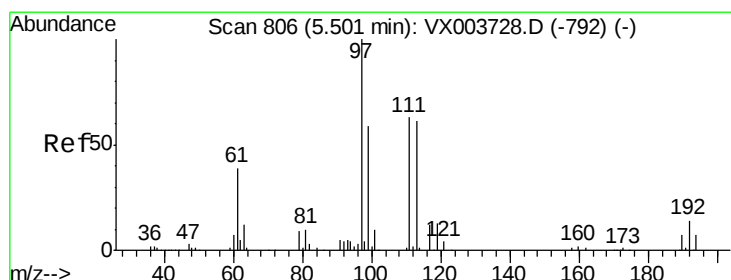
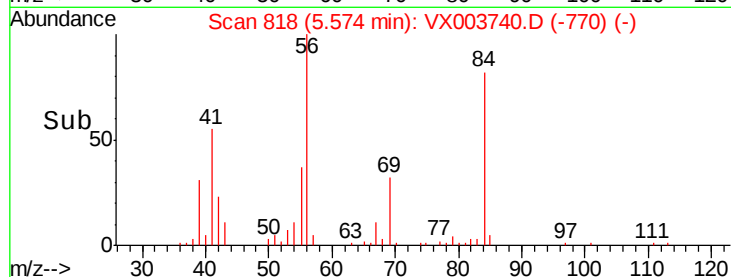
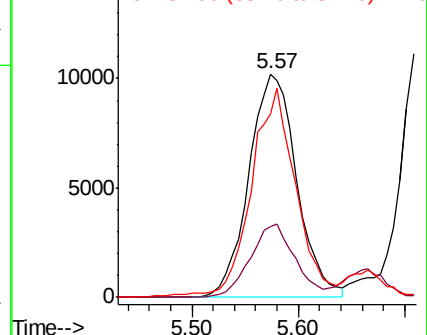
56 100

69 31.5 20.6 30.8#

84 80.2 57.9 86.9



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



#32

1,1,1-Trichloroethane

Concen: 21.238 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

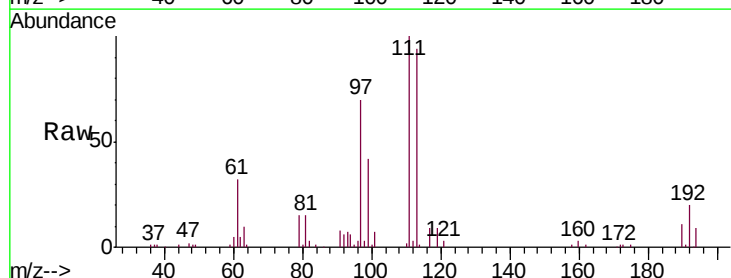
Tgt Ion: 97 Resp: 31361

Ion Ratio Lower Upper

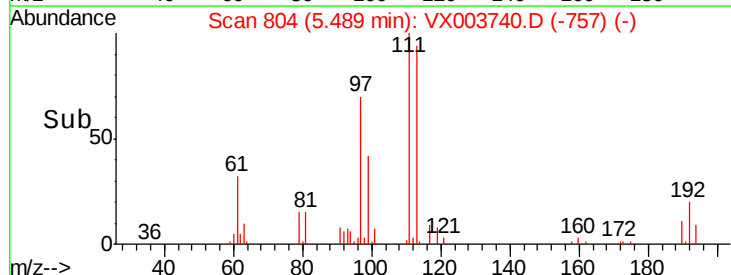
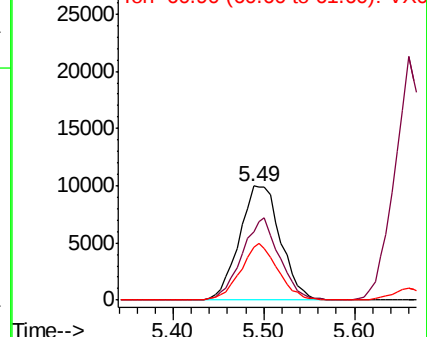
97 100

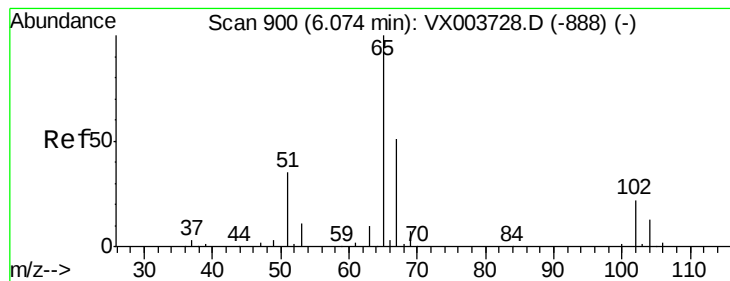
99 65.5 51.4 77.2

61 44.6 33.4 50.2



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





#33

1,2-Dichloroethane-d4

Concen: 56.280 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

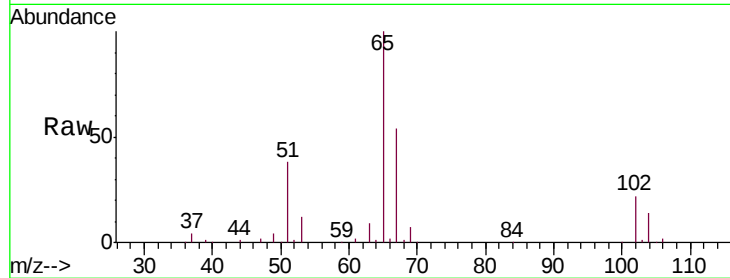
VX0730SBS01

Tgt Ion: 65 Resp: 59497

Ion Ratio Lower Upper

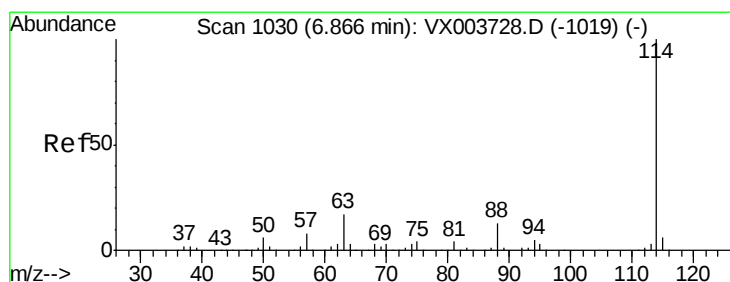
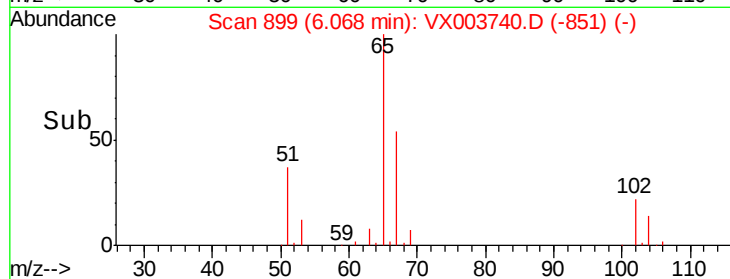
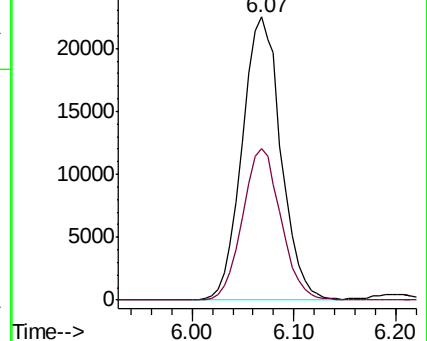
65 100

67 52.8 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

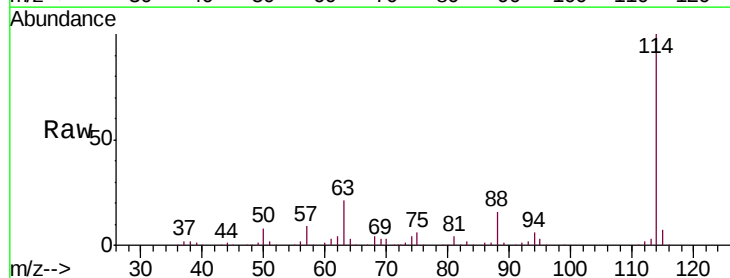
Tgt Ion: 114 Resp: 158562

Ion Ratio Lower Upper

114 100

63 21.2 0.0 34.0

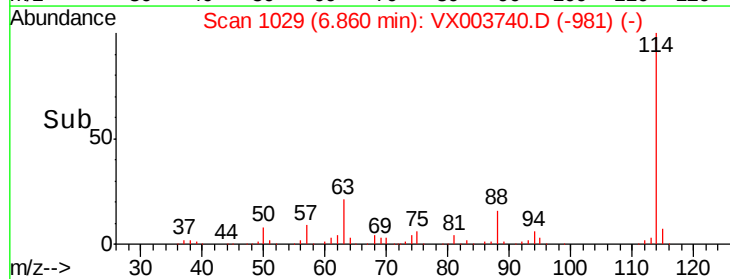
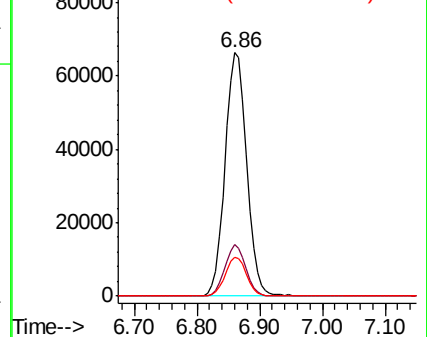
88 15.7 0.0 26.4

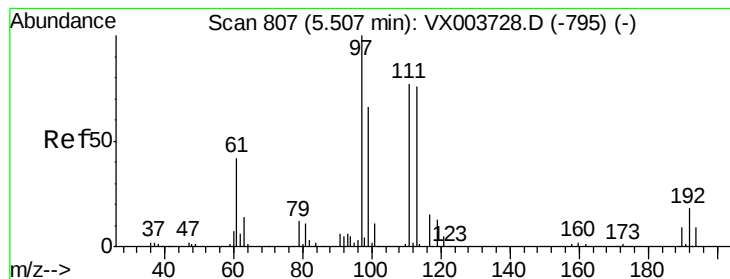


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 55.199 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0730SBS01

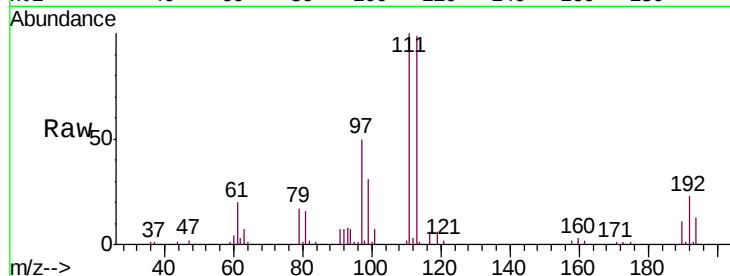
Tgt Ion:113 Resp: 51537

Ion Ratio Lower Upper

113 100

111 104.8 81.8 122.6

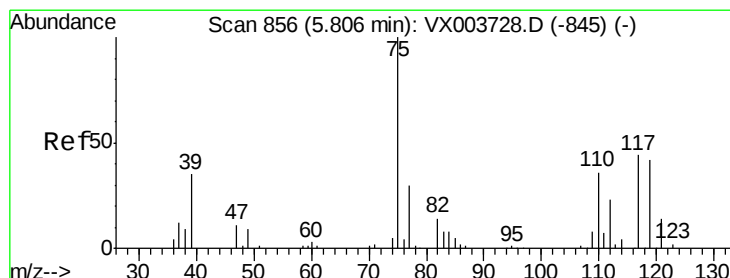
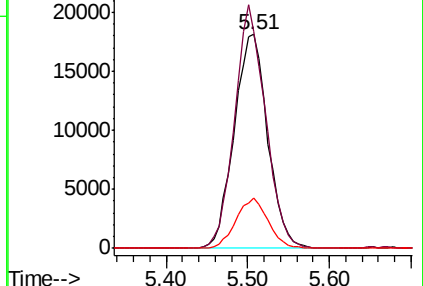
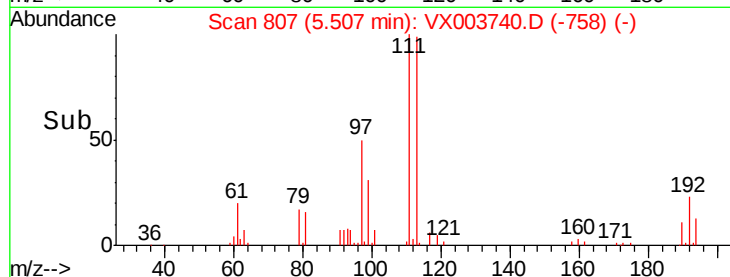
192 22.5 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.295 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

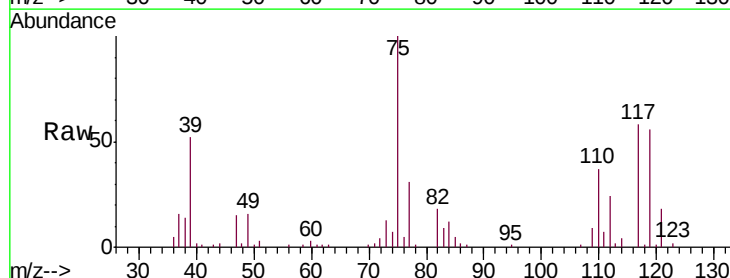
Tgt Ion: 75 Resp: 28652

Ion Ratio Lower Upper

75 100

110 35.8 18.3 54.8

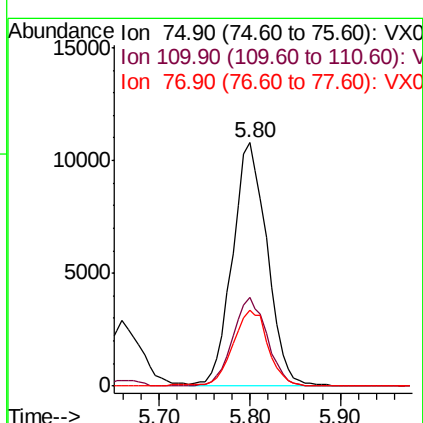
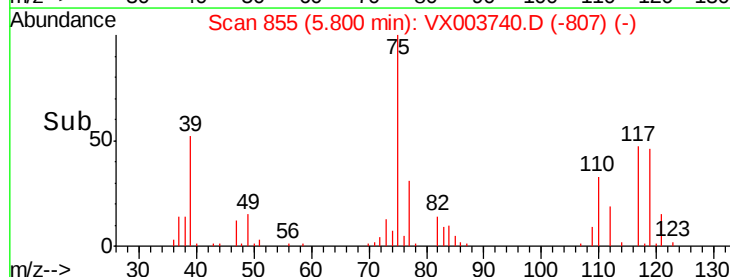
77 31.2 25.1 37.7

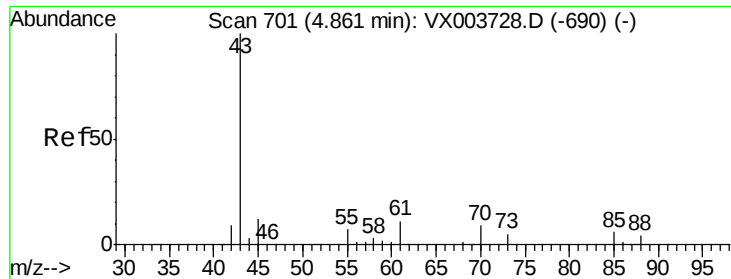


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 21.104 ug/l

RT: 4.86 min Scan# 701

Delta R.T. 0.00 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0730SBS01

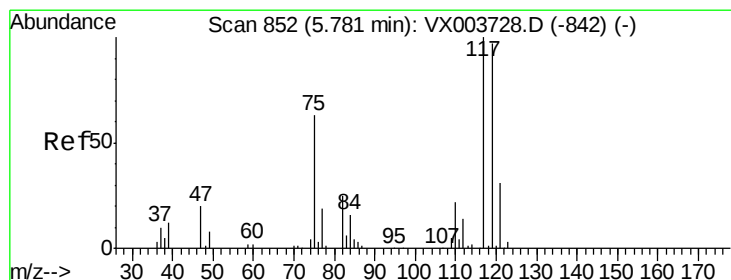
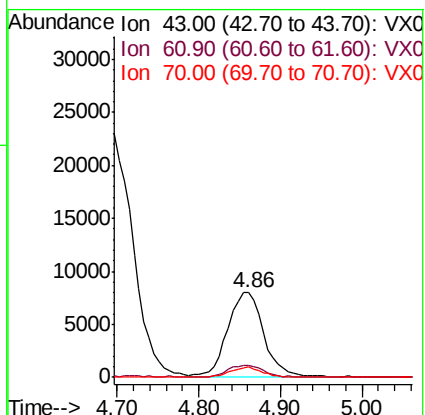
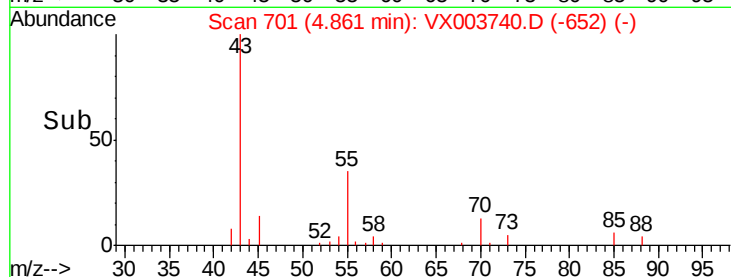
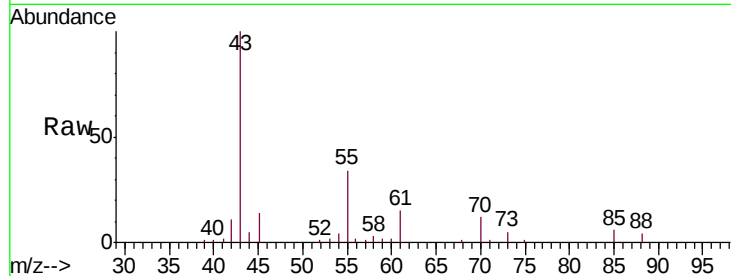
Tgt Ion: 43 Resp: 24072

Ion Ratio Lower Upper

43 100

61 14.6 11.4 17.0

70 10.5 8.2 12.2



#38

Carbon Tetrachloride

Concen: 19.027 ug/l

RT: 5.78 min Scan# 852

Delta R.T. 0.00 min

Lab File: VX003740.D

Acq: 30 Jul 2018 23:33

Tgt Ion: 117 Resp: 26133

Ion Ratio Lower Upper

117 100

119 88.2 77.2 115.8

121 31.0 25.0 37.4

