

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040418\
 Data File : VX000667.D
 Acq On : 04 Apr 2018 20:01
 Operator : JC/MD
 Sample : VX0404WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Quant Time: Apr 05 05:21:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	98599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	175185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	177198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	102874	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	80425	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	5.51	113	57026	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
50) Toluene-d8	8.73	98	234085	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	11.15	95	89895	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	26752	20.25	ug/l	94
3) Chloromethane	1.32	50	24437	21.61	ug/l	100
4) Vinyl Chloride	1.40	62	30493	20.57	ug/l	97
5) Bromomethane	1.64	94	27928	19.35	ug/l	98
6) Chloroethane	1.73	64	21689	19.88	ug/l	89
7) Trichlorofluoromethane	1.93	101	54656	20.79	ug/l	98
8) Diethyl Ether	2.19	74	19962	20.48	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29621	20.87	ug/l	98
10) Methyl Iodide	2.52	142	12583	19.05	ug/l	97
11) Tert butyl alcohol	3.08	59	65715	101.16	ug/l	98
12) 1,1-Dichloroethene	2.38	96	26811	20.03	ug/l	98
13) Acrolein	2.30	56	36892	95.80	ug/l	98
14) Allyl chloride	2.73	41	52840	19.68	ug/l	97
15) Acrylonitrile	3.15	53	124800	104.16	ug/l	98
16) Acetone	2.45	43	138151	100.24	ug/l	97
17) Carbon Disulfide	2.57	76	61019	19.40	ug/l	99
18) Methyl Acetate	2.78	43	64689	21.05	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	104192	21.53	ug/l	99
20) Methylene Chloride	2.87	84	30288	19.27	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	28243	19.46	ug/l	89
22) Diisopropyl ether	3.88	45	68839	18.02	ug/l	98
23) Vinyl Acetate	3.83	43	323247	87.51	ug/l	99
24) 1,1-Dichloroethane	3.70	63	48565	19.13	ug/l	99
25) 2-Butanone	4.71	43	142272	101.84	ug/l	97
26) 2,2-Dichloropropane	4.60	77	28534	20.53	ug/l	97
27) cis-1,2-Dichloroethene	4.61	96	22363	20.35	ug/l	99
28) Bromochloromethane	5.03	49	18922	19.89	ug/l	98
29) Tetrahydrofuran	5.18	42	87130	96.93	ug/l	99
30) Chloroform	5.23	83	42781	19.87	ug/l	96
31) Cyclohexane	5.58	56	30250	18.30	ug/l	# 95
32) 1,1,1-Trichloroethane	5.50	97	37409	21.11	ug/l	99
36) 1,1-Dichloropropene	5.81	75	30951	19.05	ug/l	95
37) Ethyl Acetate	4.87	43	47057	19.03	ug/l	99
38) Carbon Tetrachloride	5.79	117	30898	19.75	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	35450	18.87	ug/l	97
40) Benzene	6.15	78	91784	19.78	ug/l	97
41) Methacrylonitrile	5.07	41	25601	18.90	ug/l	98
42) 1,2-Dichloroethane	6.21	62	38760	19.97	ug/l	98
43) Isopropyl Acetate	6.48	43	68889	19.21	ug/l	100
44) Trichloroethene	7.22	130	24437	19.06	ug/l	98
45) 1,2-Dichloropropane	7.52	63	24924	19.92	ug/l	96
46) Dibromomethane	7.67	93	18460	20.10	ug/l	99
47) Bromodichloromethane	7.91	83	34058	19.50	ug/l #	99
48) Methyl methacrylate	7.79	41	33651	18.31	ug/l	98
49) 1,4-Dioxane	7.77	88	13757	353.19	ug/l	93
51) 4-Methyl-2-Pentanone	8.66	43	284606	97.59	ug/l	100
52) Toluene	8.79	92	63313	19.31	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	38466	20.38	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	37564	19.58	ug/l	90
55) 1,1,2-Trichloroethane	9.23	97	26193	19.16	ug/l	98
56) Ethyl methacrylate	9.19	69	40708	19.33	ug/l	98
57) 1,3-Dichloropropane	9.38	76	45482	20.31	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	101895	106.25	ug/l	99
59) 2-Hexanone	9.51	43	243591	98.22	ug/l	99
60) Dibromochloromethane	9.59	129	26180	18.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	28796	19.53	ug/l	98
64) Tetrachloroethene	9.34	164	22686	19.66	ug/l	96
65) Chlorobenzene	10.15	112	72086	19.98	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	24612	20.00	ug/l	96
67) Ethyl Benzene	10.26	91	129284	20.25	ug/l	94
68) m/p-Xylenes	10.37	106	97715	40.61	ug/l	99
69) o-Xylene	10.71	106	47577	20.08	ug/l	100
70) Styrene	10.72	104	80818	20.23	ug/l	99
71) Bromoform	10.87	173	20022	19.23	ug/l #	100
73) Isopropylbenzene	11.02	105	132142	21.25	ug/l	100
74) N-amyl acetate	6.48	43	68889	20.64	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	49801	21.04	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	57147	25.47	ug/l	88
77) Bromobenzene	11.26	156	30774	19.79	ug/l	95
78) n-propylbenzene	11.37	91	164953	21.75	ug/l	99
79) 2-Chlorotoluene	11.43	91	92523	21.48	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	114296	21.52	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	12880	20.58	ug/l	91
82) 4-Chlorotoluene	11.52	91	113341	21.02	ug/l	99
83) tert-Butylbenzene	11.78	119	110800	21.40	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	119224	21.46	ug/l	100
85) sec-Butylbenzene	11.95	105	143257	21.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	125043	21.84	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	62223	20.54	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	67378	20.33	ug/l	98
89) n-Butylbenzene	12.40	91	124151	21.26	ug/l	100
90) Hexachloroethane	12.60	117	19089	19.63	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	64108	20.29	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14195	21.01	ug/l	99

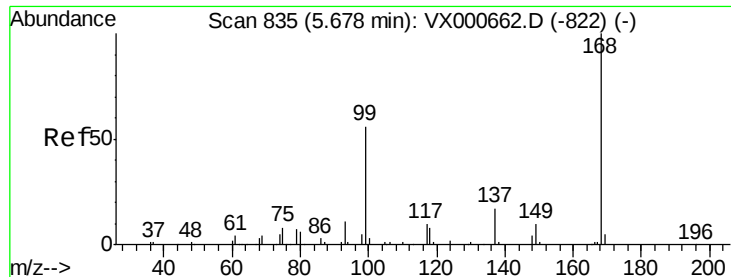
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040418\
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QLast Update : Thu Apr 05 03:34:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45030	21.17	ug/l	99
94) Hexachlorobutadiene	13.79	225	15852	19.46	ug/l	97
95) Naphthalene	13.84	128	167387	21.62	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	44135	20.62	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

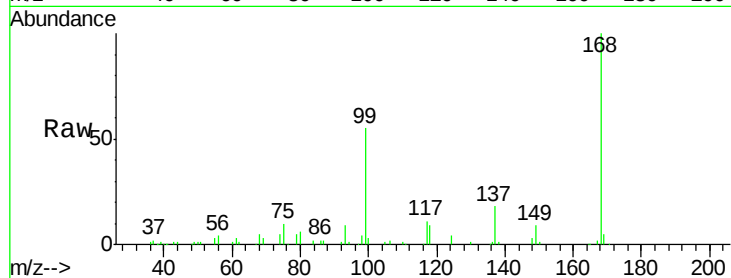
VX0404WBS01

Tgt Ion:168 Resp: 98599

Ion Ratio Lower Upper

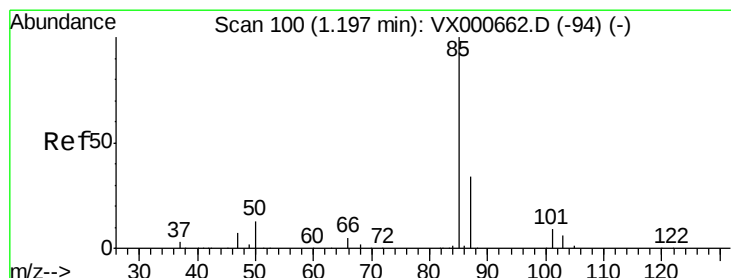
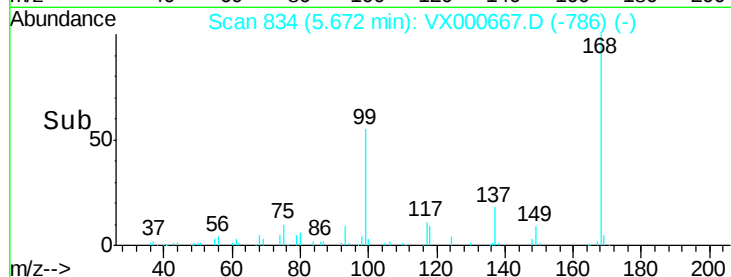
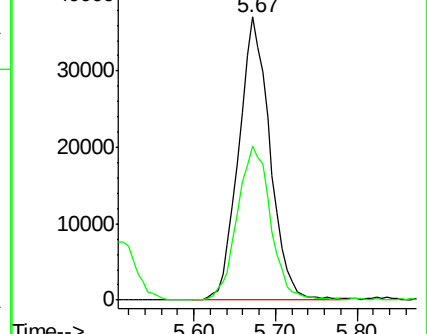
168 100

99 54.5 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.25 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000667.D

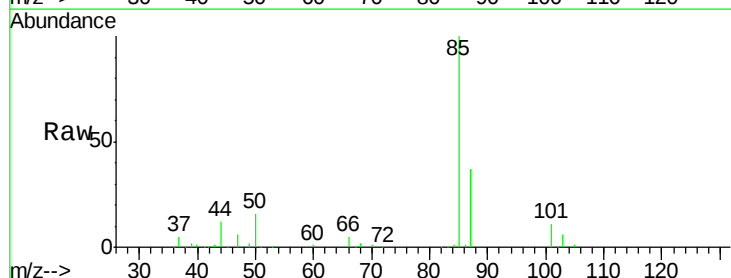
Acq: 04 Apr 2018 20:01

Tgt Ion: 85 Resp: 26752

Ion Ratio Lower Upper

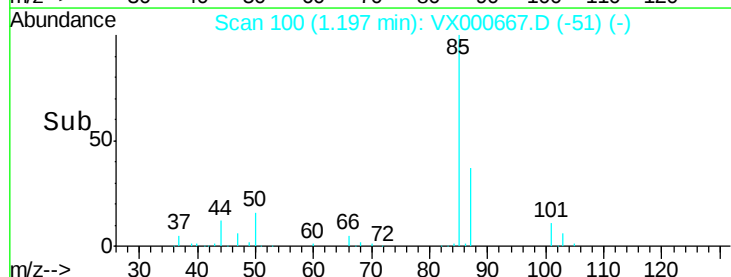
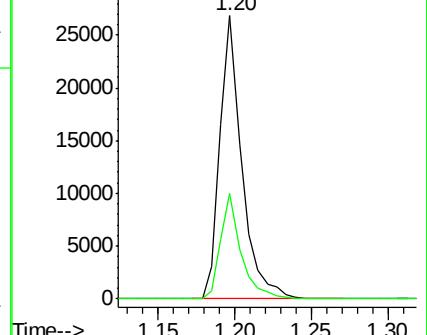
85 100

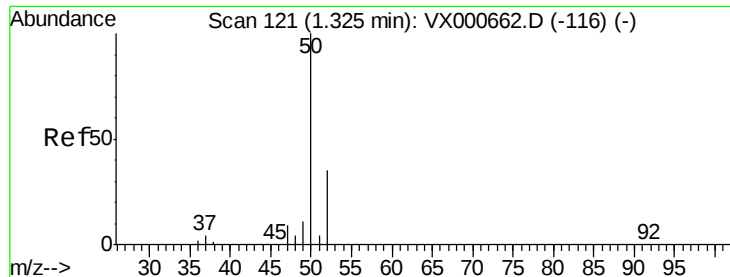
87 37.3 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.61 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

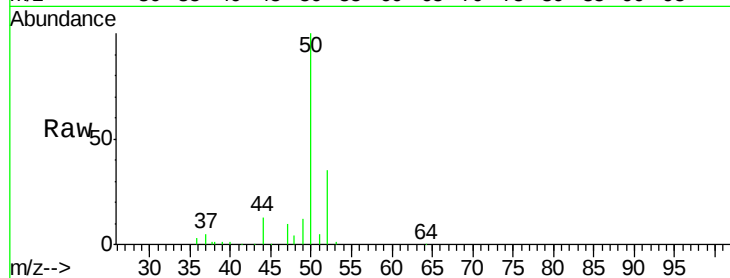
VX0404WBS01

Tgt Ion: 50 Resp: 24437

Ion Ratio Lower Upper

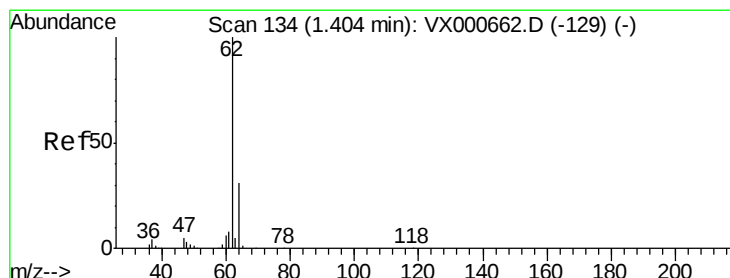
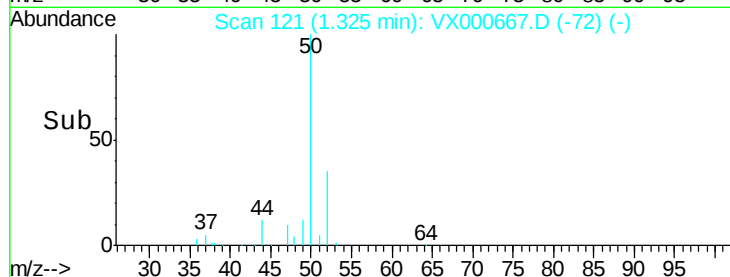
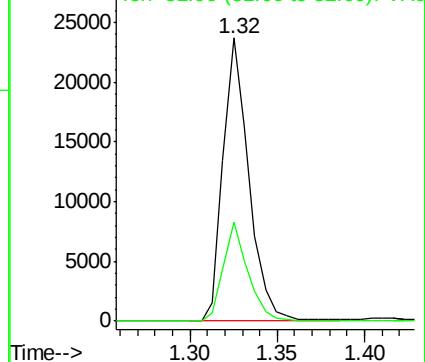
50 100

52 35.0 28.0 42.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.57 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000667.D

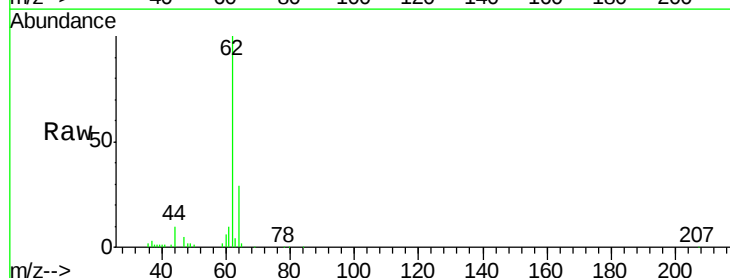
Acq: 04 Apr 2018 20:01

Tgt Ion: 62 Resp: 30493

Ion Ratio Lower Upper

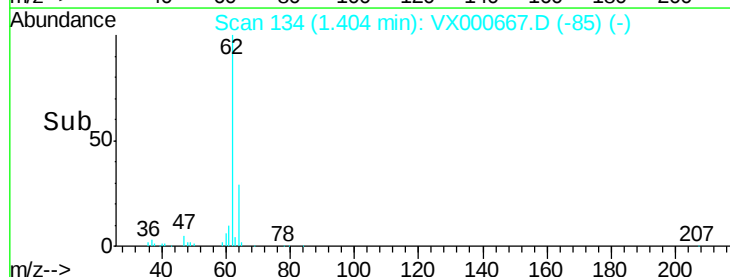
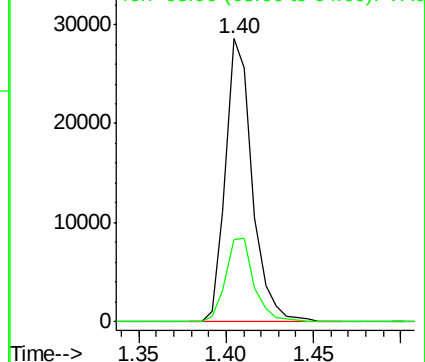
62 100

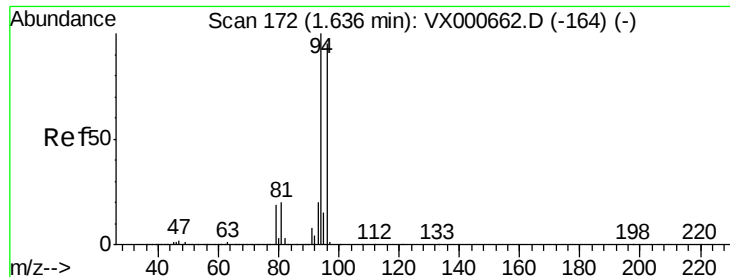
64 29.0 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.35 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

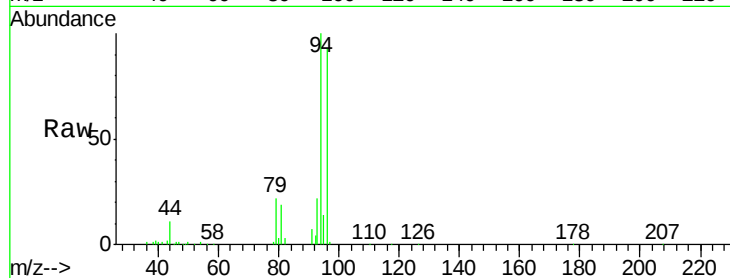
VX0404WBS01

Tgt Ion: 94 Resp: 27928

Ion Ratio Lower Upper

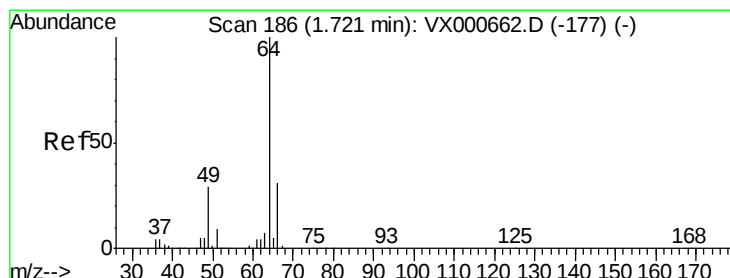
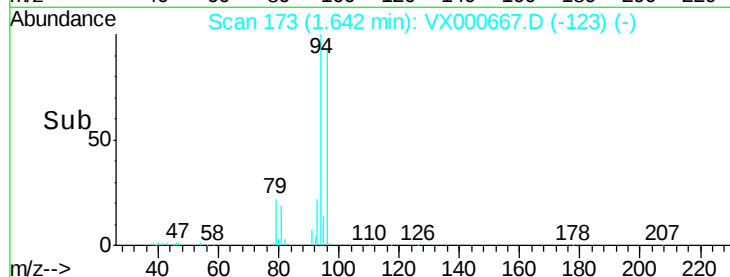
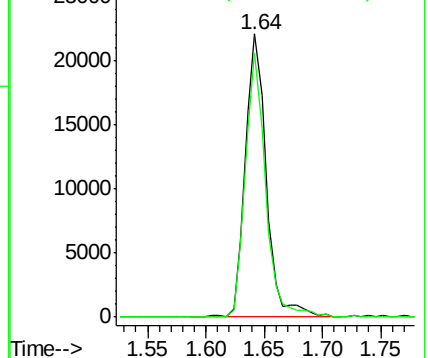
94 100

96 93.4 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.88 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000667.D

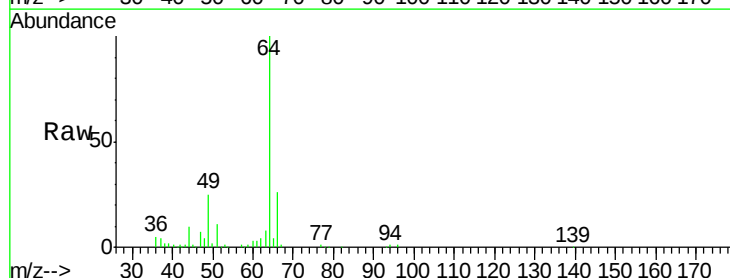
Acq: 04 Apr 2018 20:01

Tgt Ion: 64 Resp: 21689

Ion Ratio Lower Upper

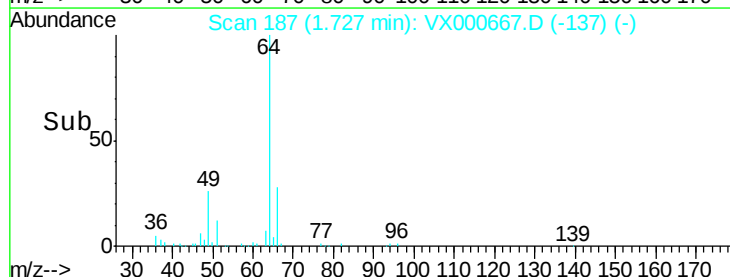
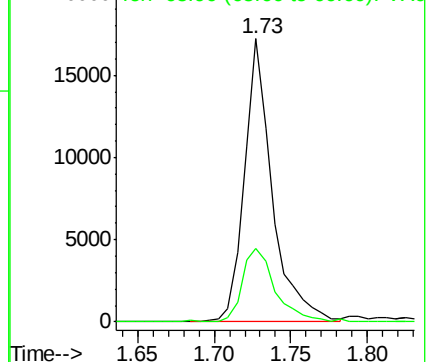
64 100

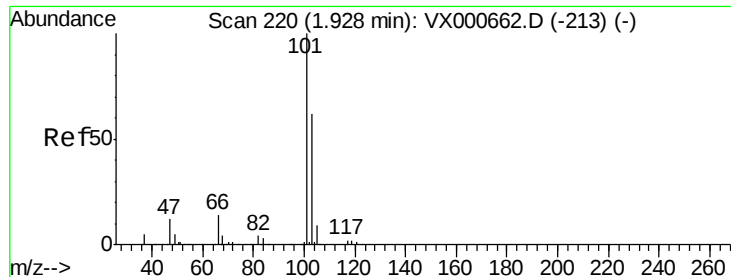
66 25.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



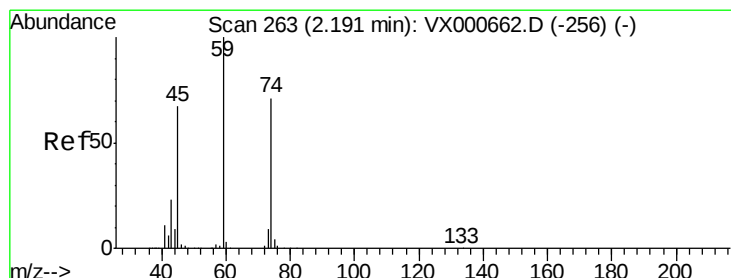
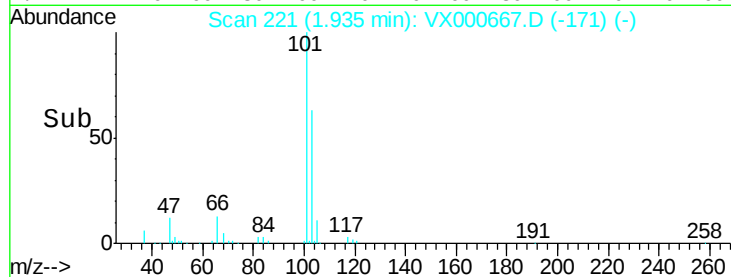
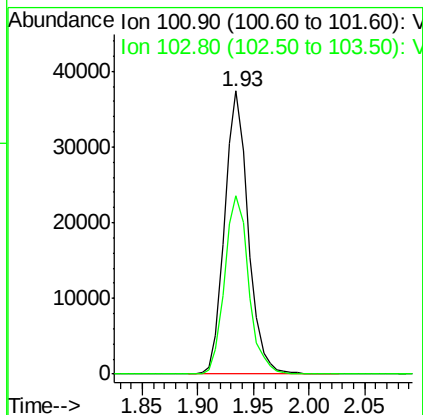
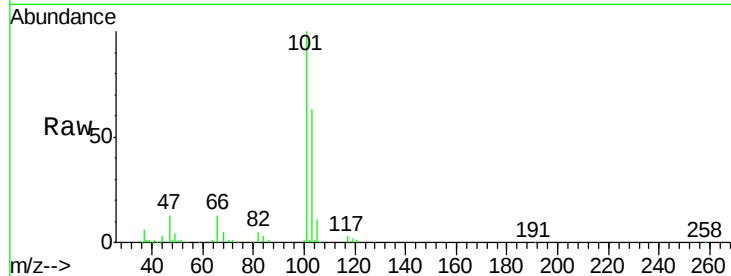


#7

Trichlorofluoromethane
Concen: 20.79 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Instrument :
MSVOA_X
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VX0404WBS01

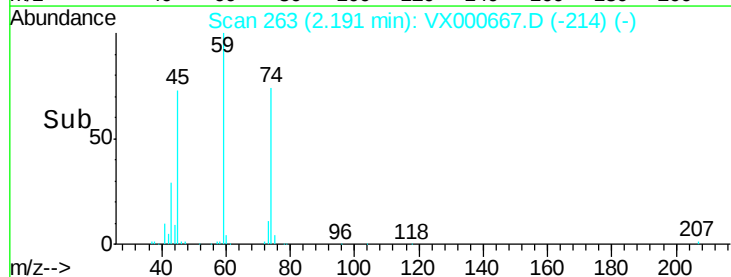
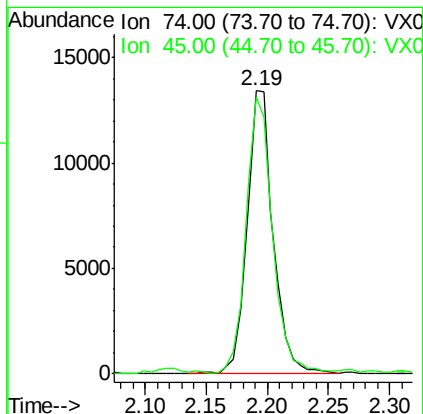
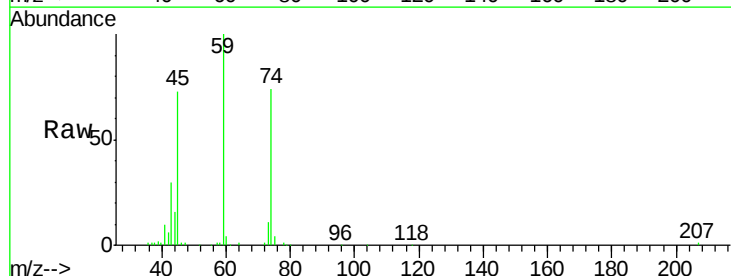
Tgt Ion:101 Resp: 54656
Ion Ratio Lower Upper
101 100
103 63.0 49.4 74.0

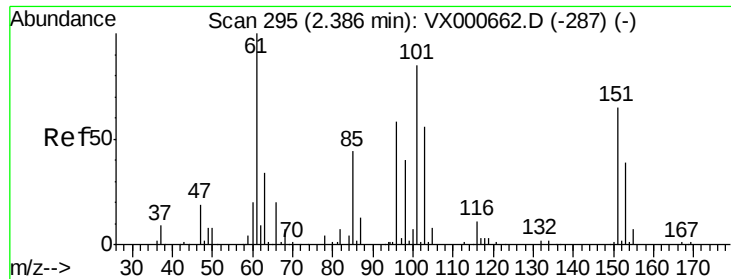


#8

Diethyl Ether
Concen: 20.48 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion: 74 Resp: 19962
Ion Ratio Lower Upper
74 100
45 100.1 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.87 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

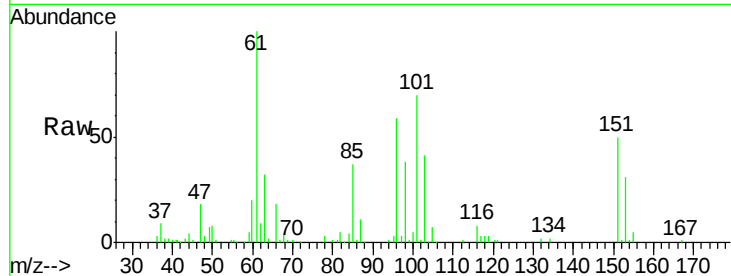
Tgt Ion:101 Resp: 29621

Ion Ratio Lower Upper

101 100

85 51.5 40.0 60.0

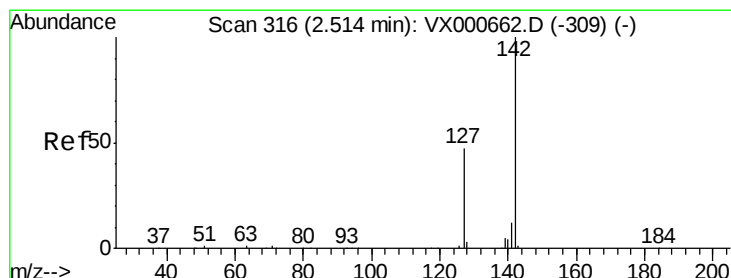
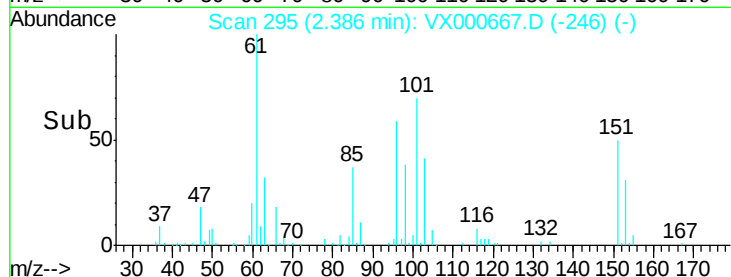
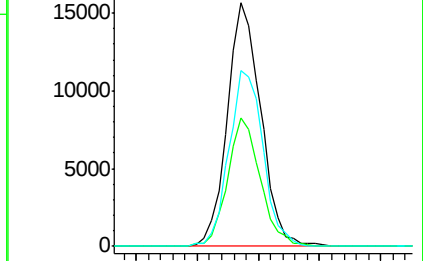
151 73.7 57.4 86.2



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: 19.05 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

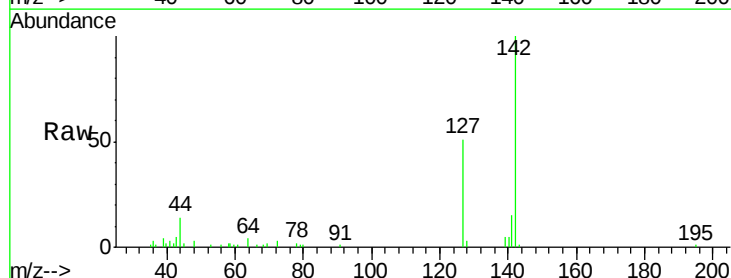
Tgt Ion:142 Resp: 12583

Ion Ratio Lower Upper

142 100

127 52.9 40.7 61.1

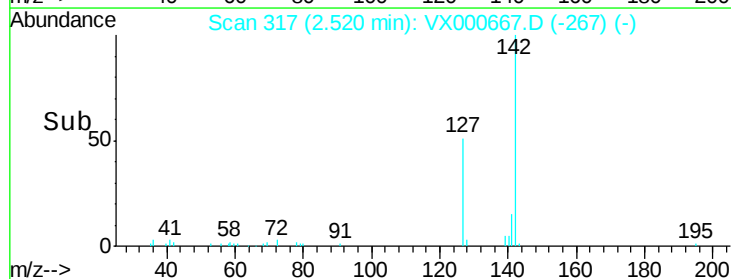
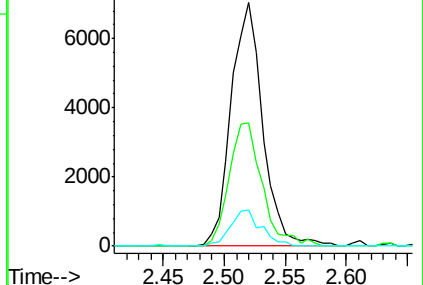
141 14.5 11.1 16.7

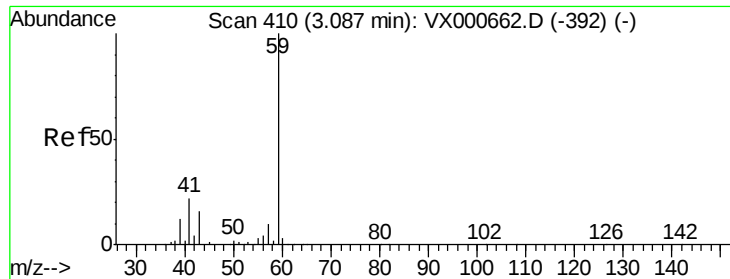


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 101.16 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

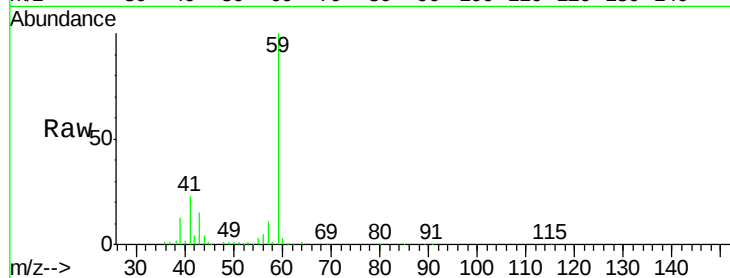
VX0404WBS01

Tgt Ion: 59 Resp: 65715

Ion Ratio Lower Upper

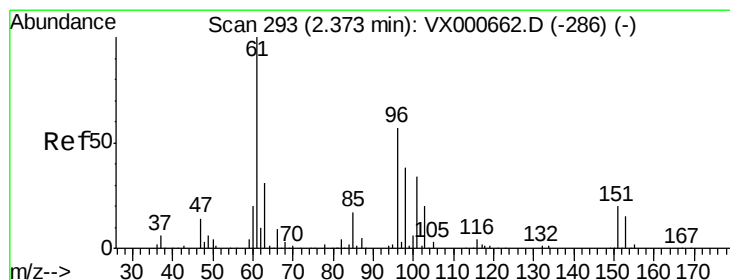
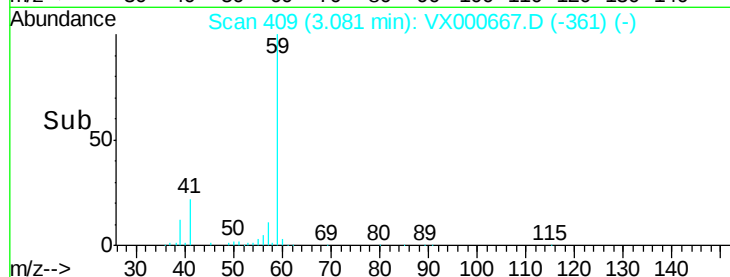
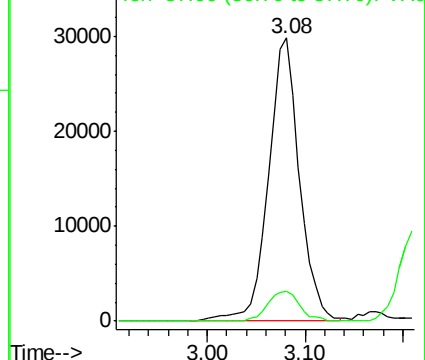
59 100

57 11.3 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 20.03 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

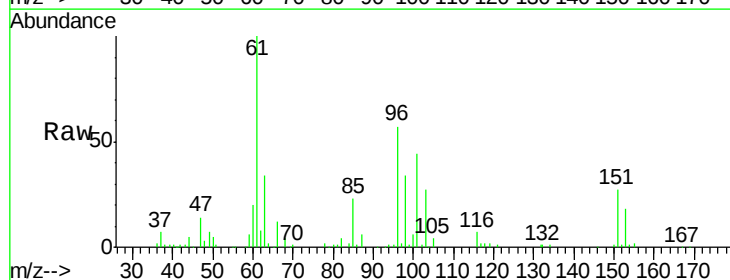
Tgt Ion: 96 Resp: 26811

Ion Ratio Lower Upper

96 100

61 175.9 140.2 210.2

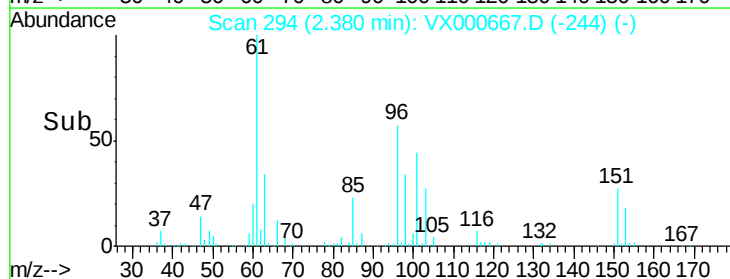
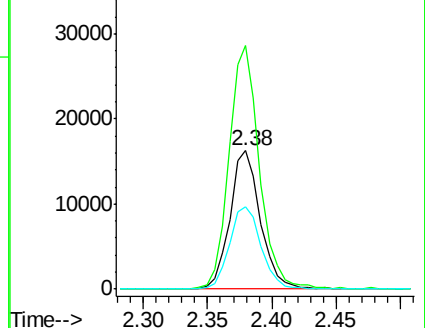
98 60.0 52.6 79.0

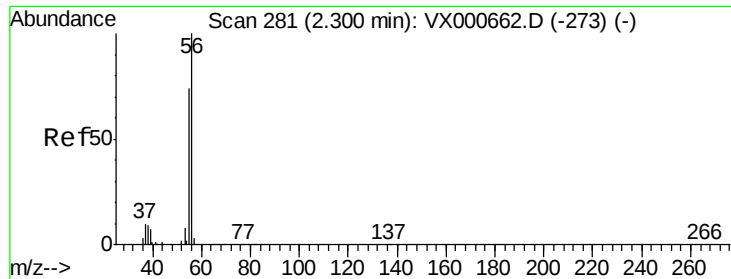


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 95.80 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

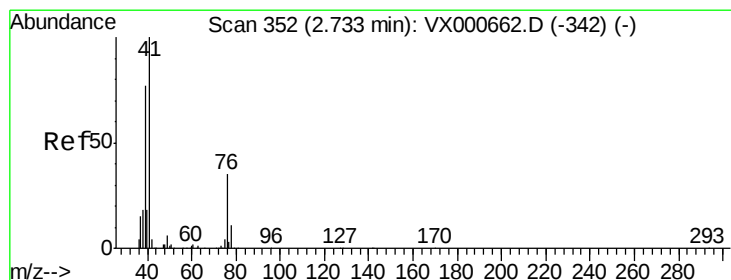
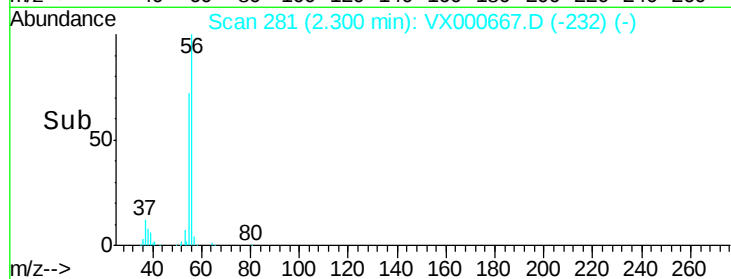
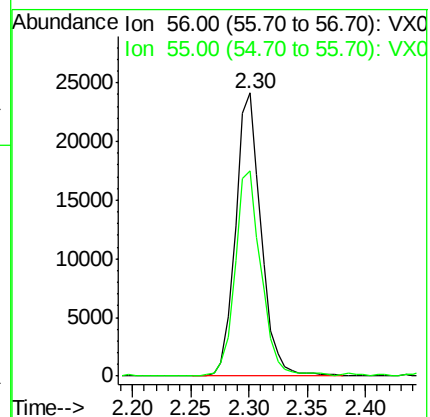
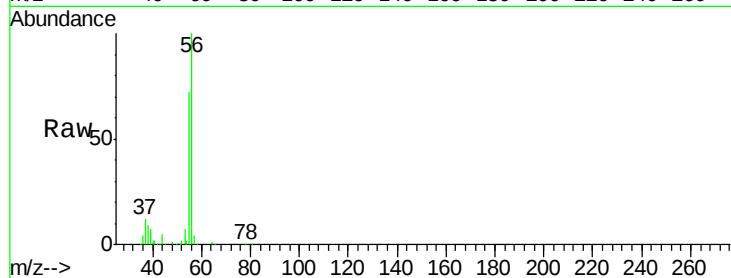
VX0404WBS01

Tgt Ion: 56 Resp: 36892

Ion Ratio Lower Upper

56 100

55 74.3 58.1 87.1



#14

Allyl chloride

Concen: 19.68 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

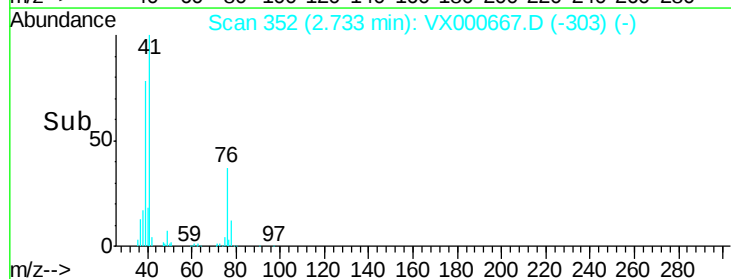
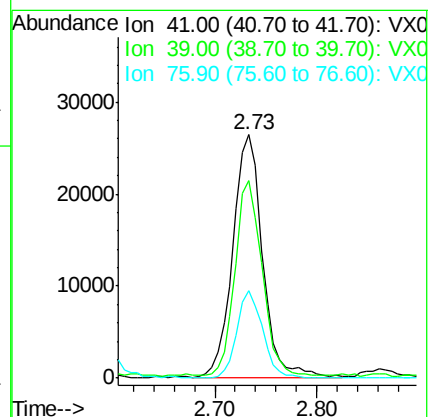
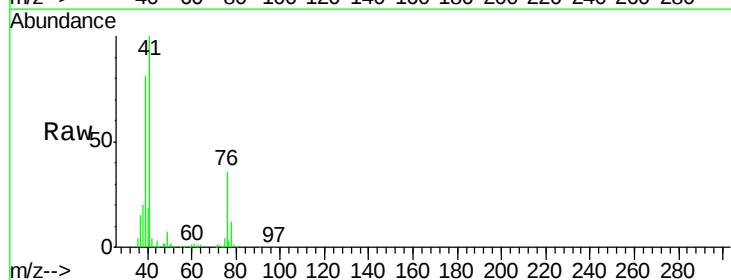
Tgt Ion: 41 Resp: 52840

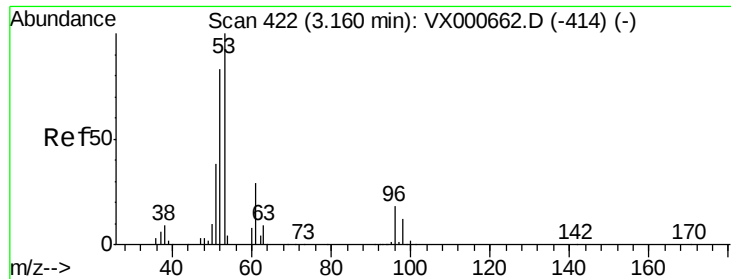
Ion Ratio Lower Upper

41 100

39 73.3 57.0 85.6

76 31.5 23.9 35.9





#15

Acrylonitrile

Concen: 104.16 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

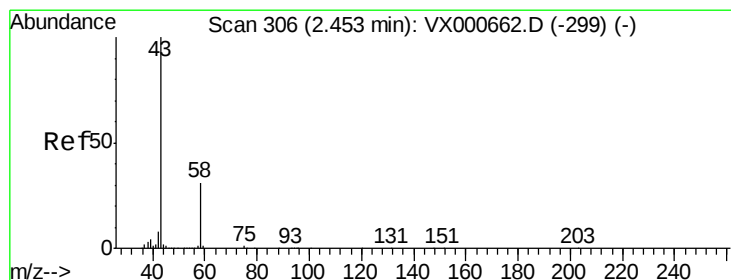
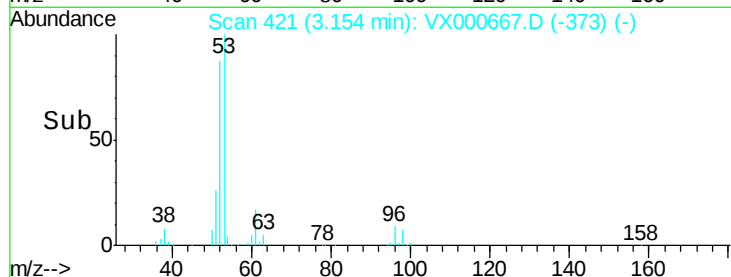
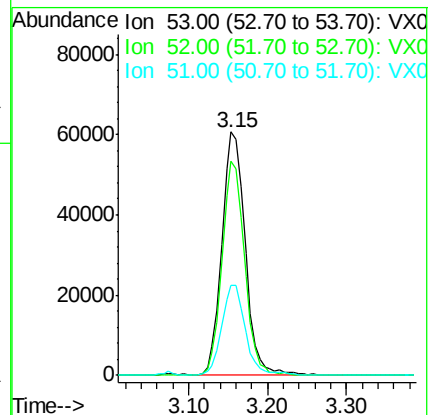
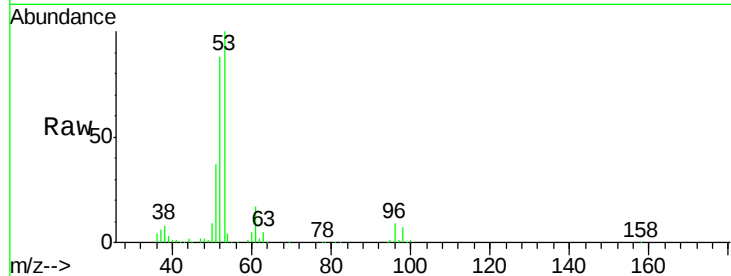
Tgt Ion: 53 Resp: 124800

Ion Ratio Lower Upper

53 100

52 85.5 66.5 99.7

51 38.0 30.6 46.0



#16

Acetone

Concen: 100.24 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000667.D

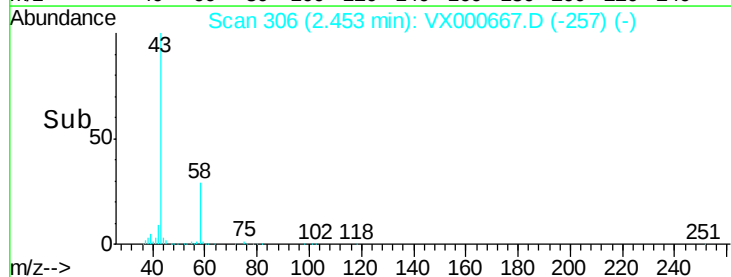
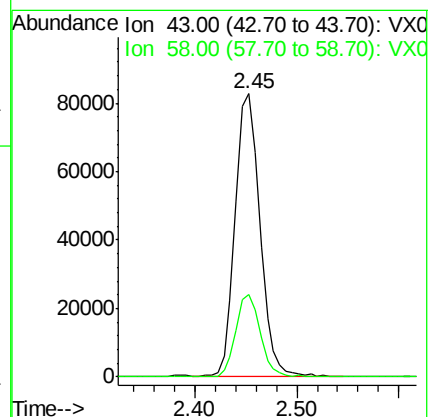
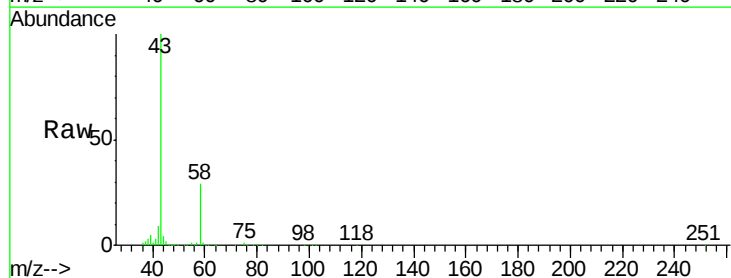
Acq: 04 Apr 2018 20:01

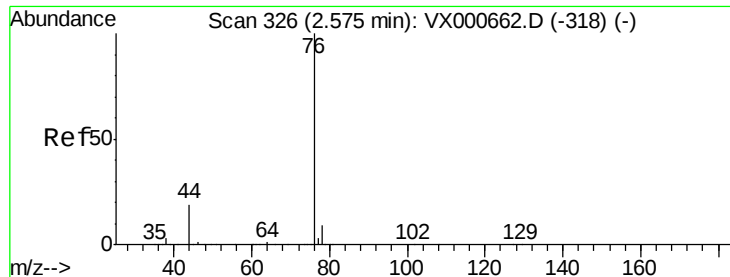
Tgt Ion: 43 Resp: 138151

Ion Ratio Lower Upper

43 100

58 29.2 24.7 37.1

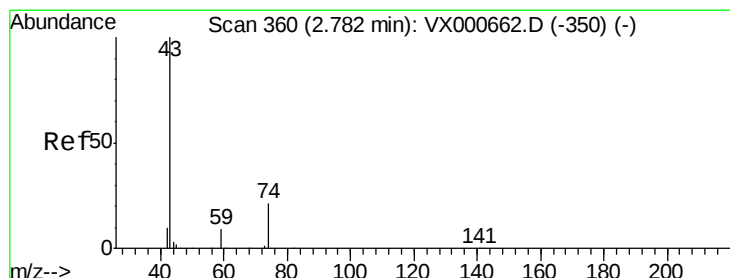
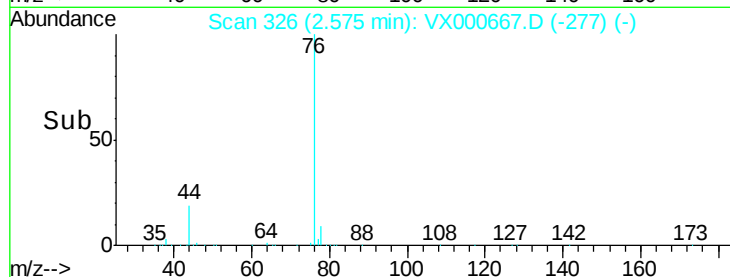
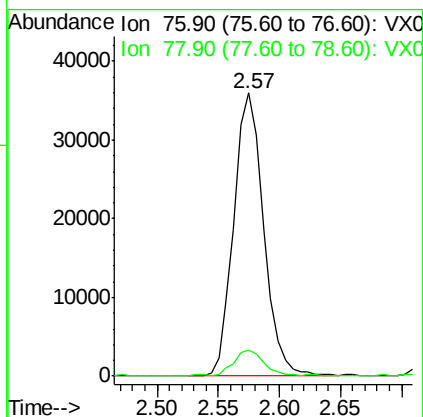
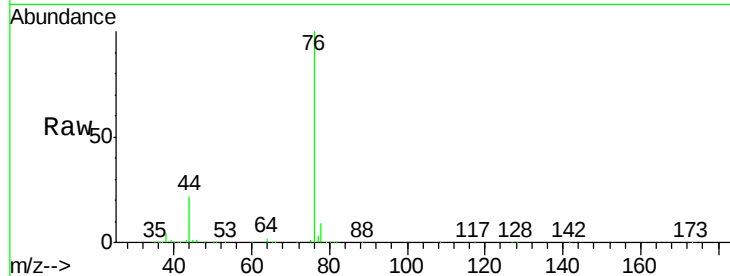




#17
Carbon Disulfide
Concen: 19.40 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

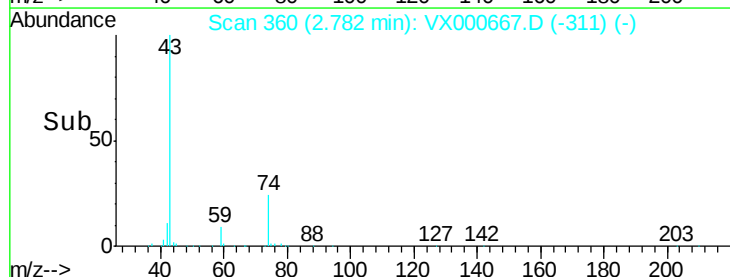
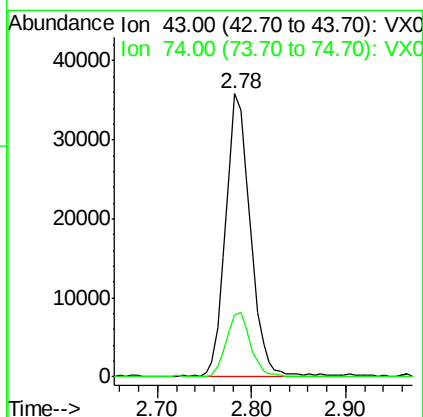
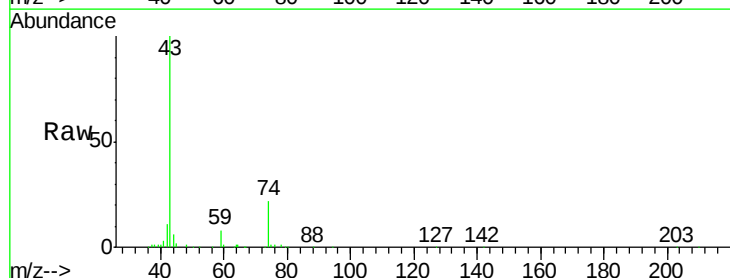
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

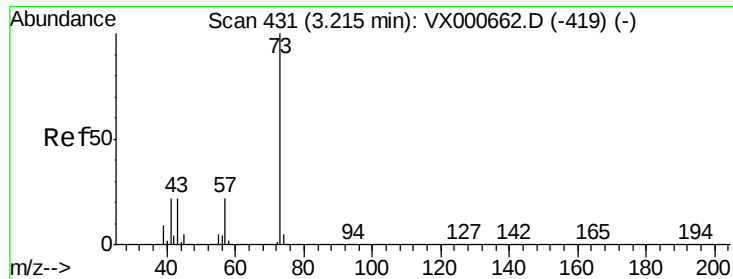
Tgt Ion: 76 Resp: 61019
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 21.05 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion: 43 Resp: 64689
Ion Ratio Lower Upper
43 100
74 22.4 17.0 25.4

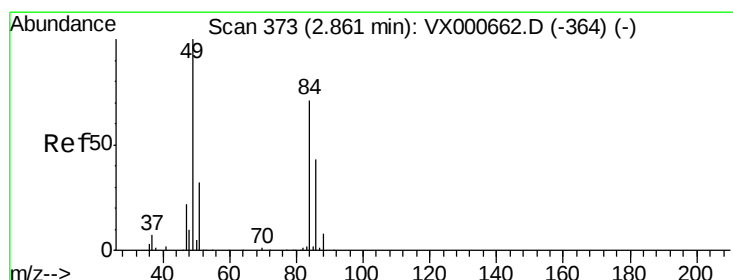
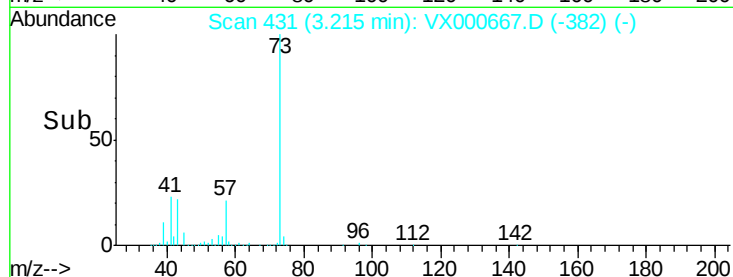
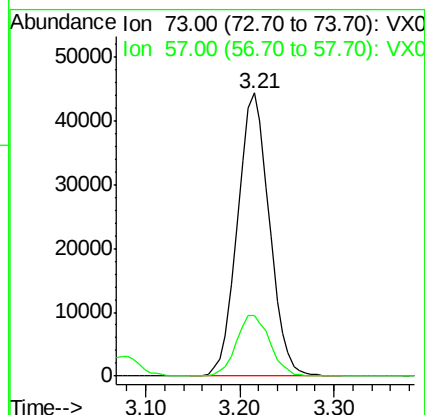
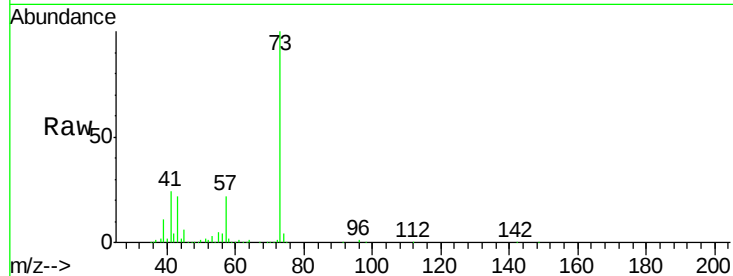




#19
Methyl tert-butyl Ether
Concen: 21.53 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

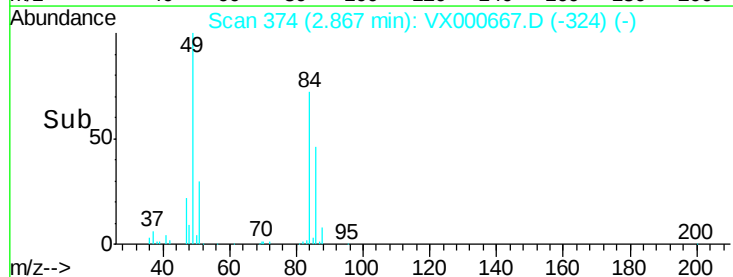
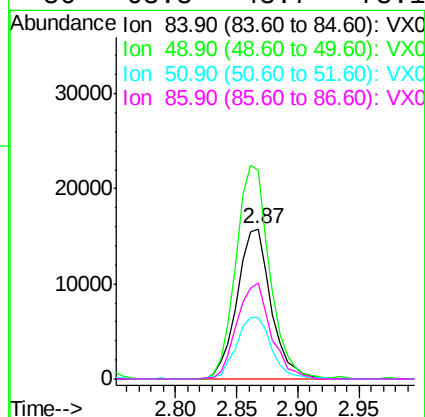
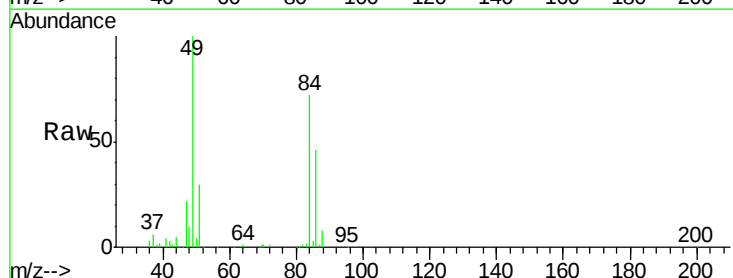
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

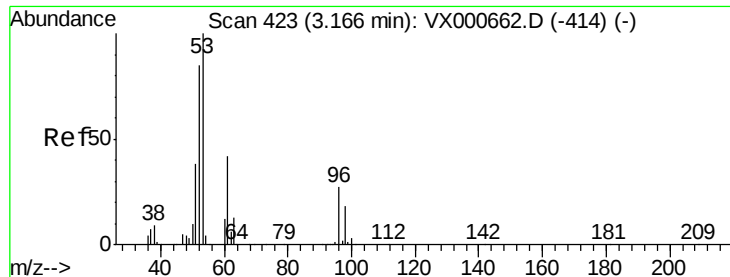
Tgt Ion: 73 Resp: 104192
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.6



#20
Methylene Chloride
Concen: 19.27 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion: 84 Resp: 30288
Ion Ratio Lower Upper
84 100
49 138.5 112.1 168.1
51 41.3 35.4 53.0
86 63.8 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 19.46 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

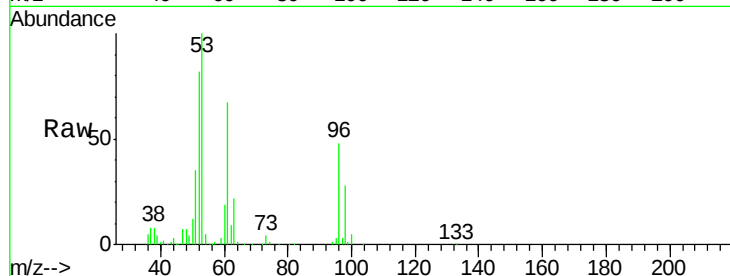
Tgt Ion: 96 Resp: 28243

Ion Ratio Lower Upper

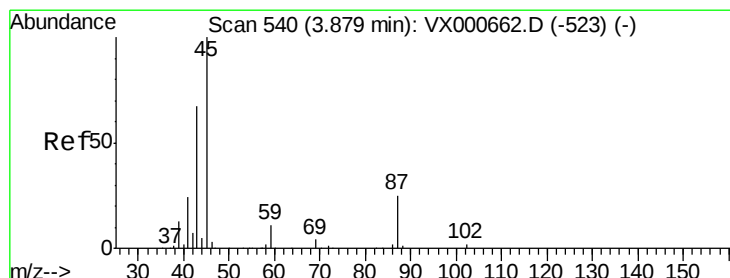
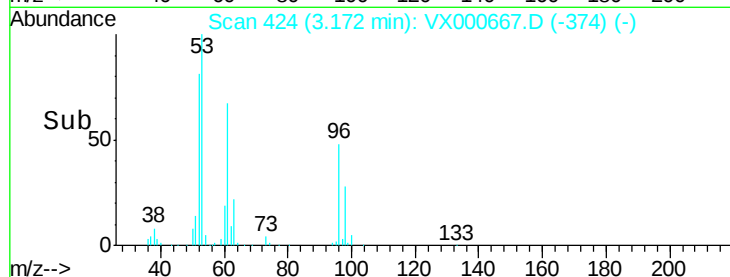
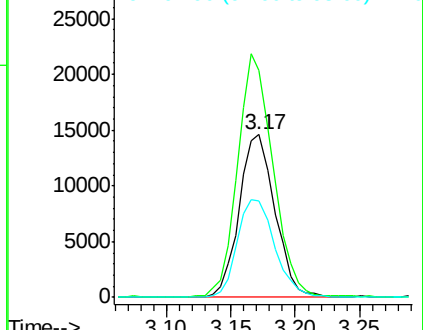
96 100

61 139.1 123.5 185.3

98 58.9 51.9 77.9



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: 18.02 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Tgt Ion: 45 Resp: 68839

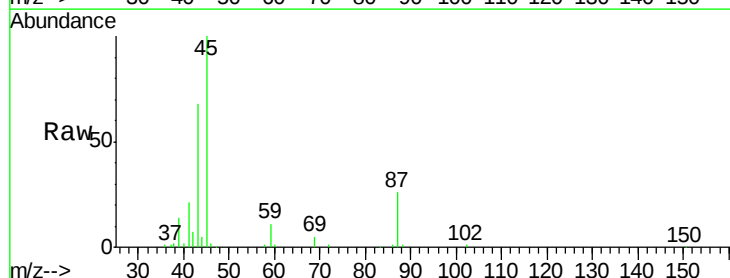
Ion Ratio Lower Upper

45 100

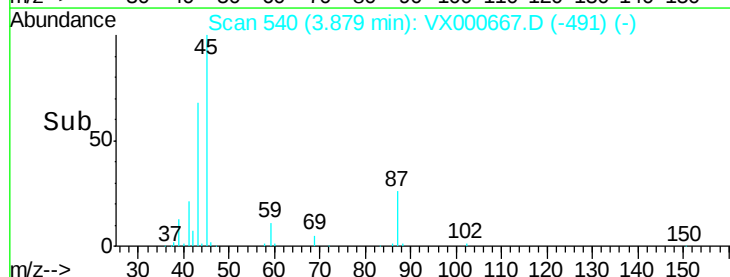
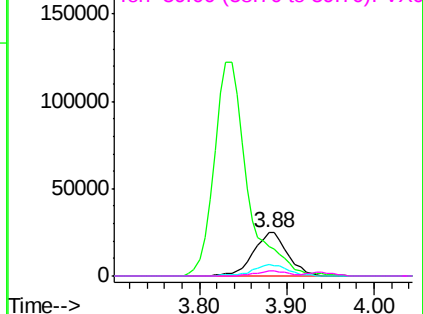
43 65.3 53.8 80.8

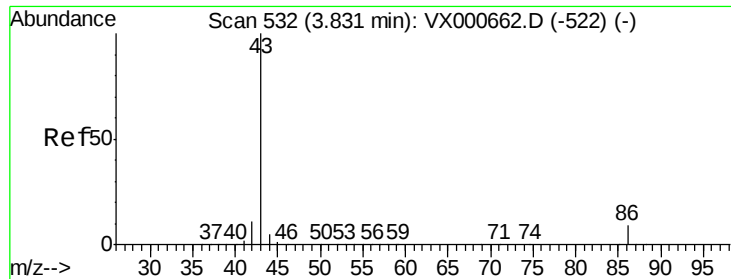
87 26.0 19.8 29.6

59 10.8 8.6 12.8



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: 87.51 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

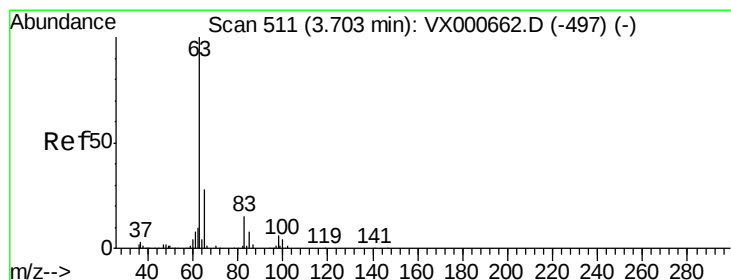
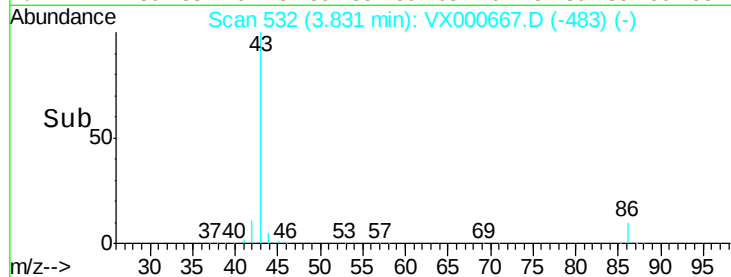
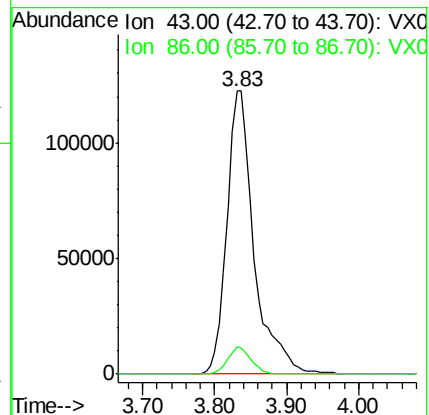
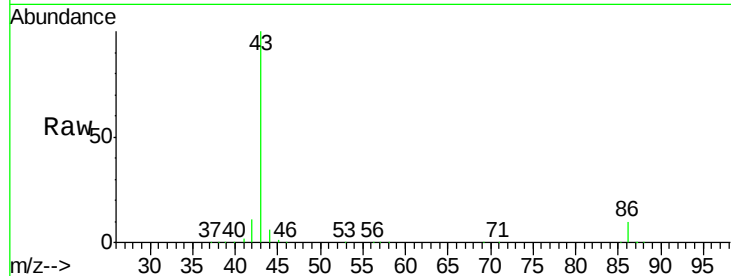
VX0404WBS01

Tgt Ion: 43 Resp: 323247

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.2



#24

1,1-Dichloroethane

Concen: 19.13 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

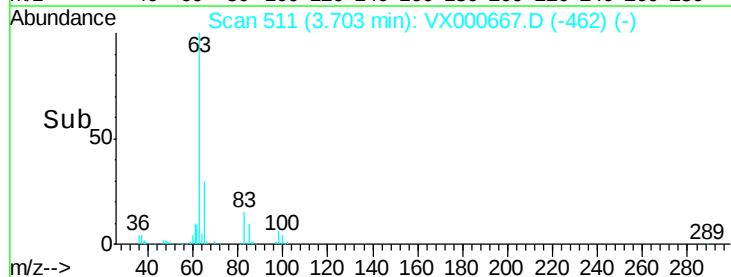
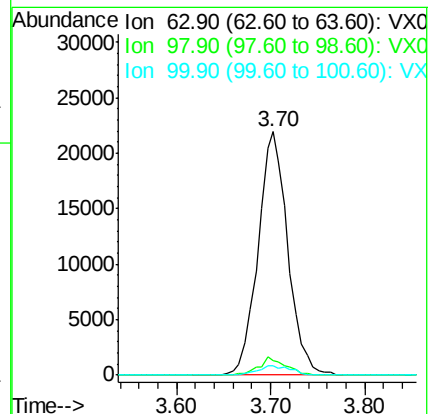
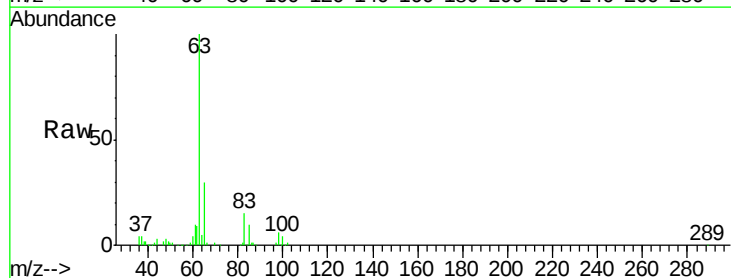
Tgt Ion: 63 Resp: 48565

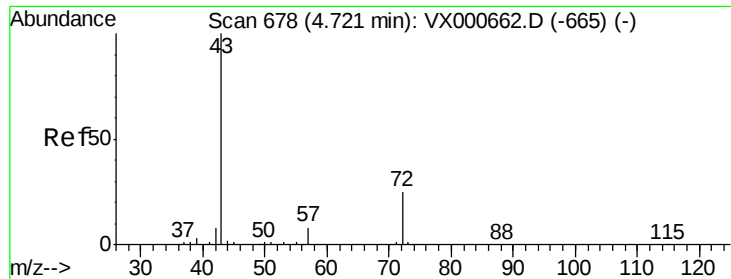
Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.0

100 3.7 2.1 6.2





#25

2-Butanone

Concen: 101.84 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

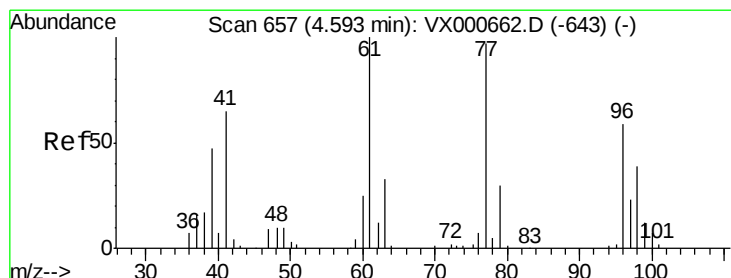
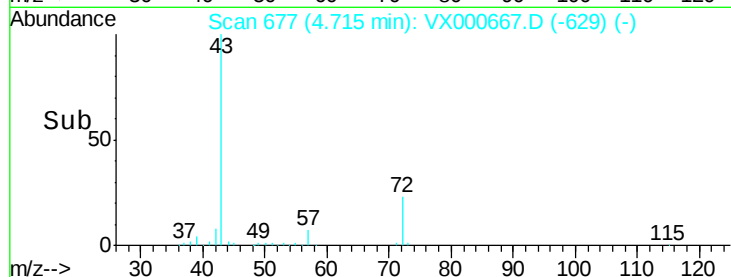
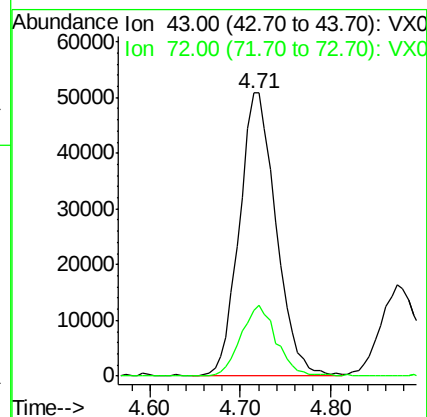
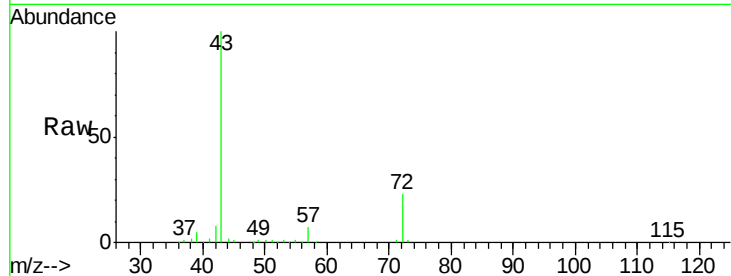
VX0404WBS01

Tgt Ion: 43 Resp: 142272

Ion Ratio Lower Upper

43 100

72 23.3 20.0 30.0



#26

2,2-Dichloropropane

Concen: 20.53 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000667.D

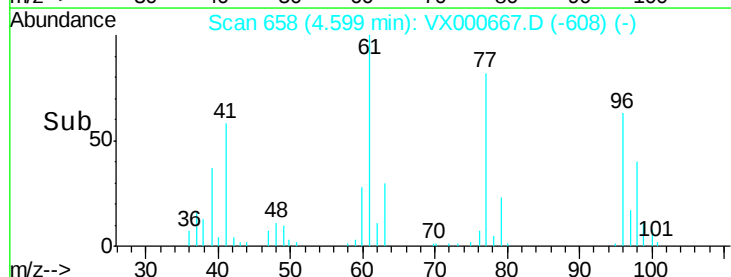
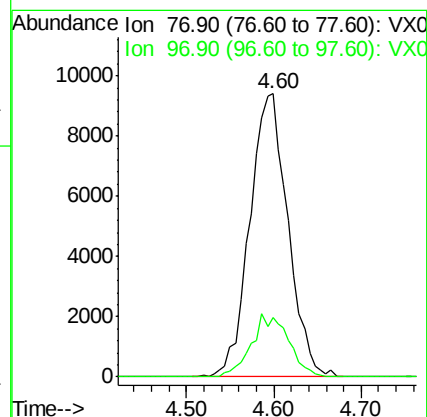
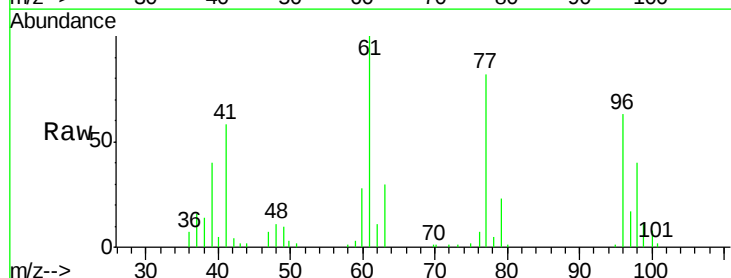
Acq: 04 Apr 2018 20:01

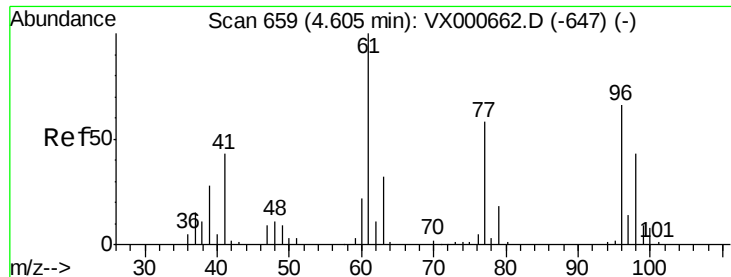
Tgt Ion: 77 Resp: 28534

Ion Ratio Lower Upper

77 100

97 21.6 11.5 34.4



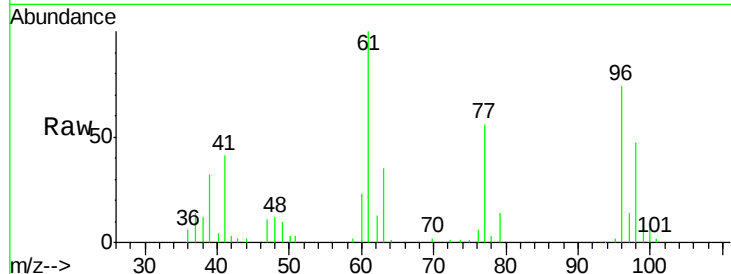


#27

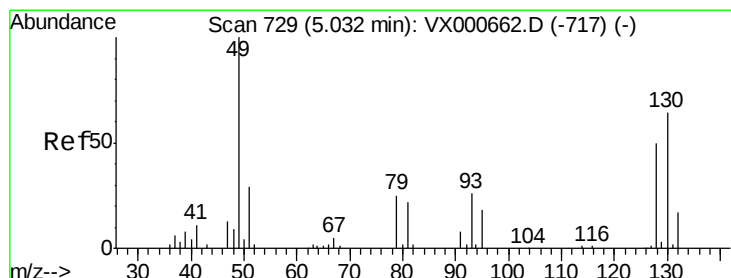
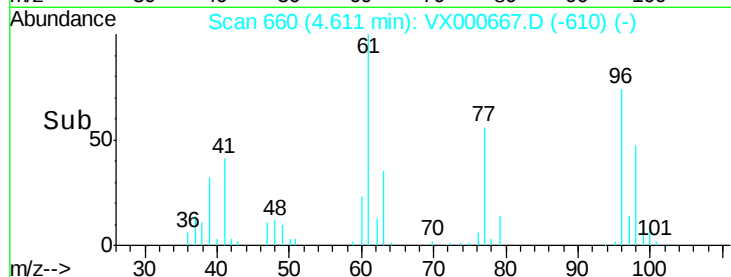
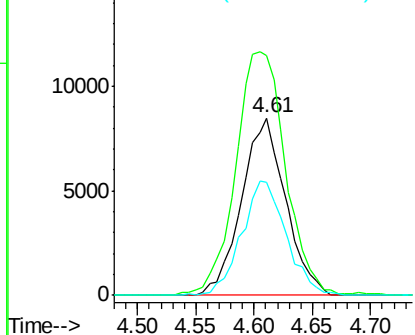
cis-1,2-Dichloroethene
 Concen: 20.35 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Tgt Ion: 96 Resp: 22363
 Ion Ratio Lower Upper
 96 100
 61 155.2 0.0 309.4
 98 65.3 0.0 129.2



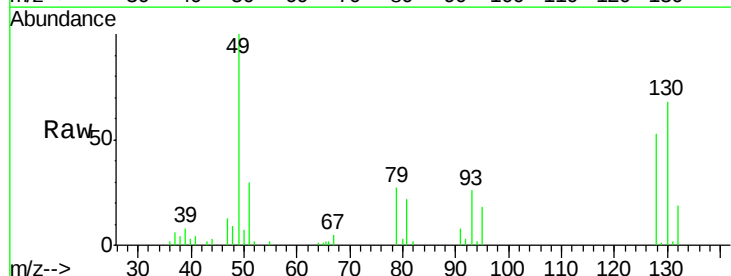
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



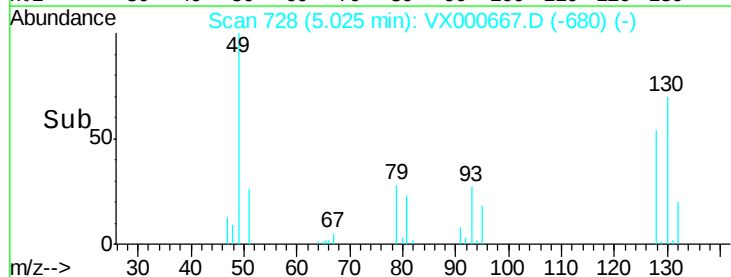
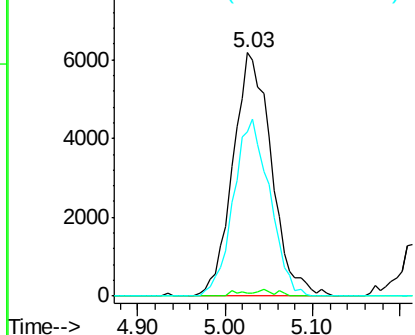
#28

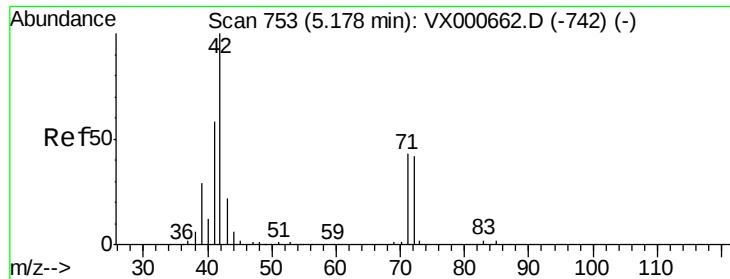
Bromochloromethane
 Concen: 19.89 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion: 49 Resp: 18922
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.8
 130 68.8 53.8 80.6



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

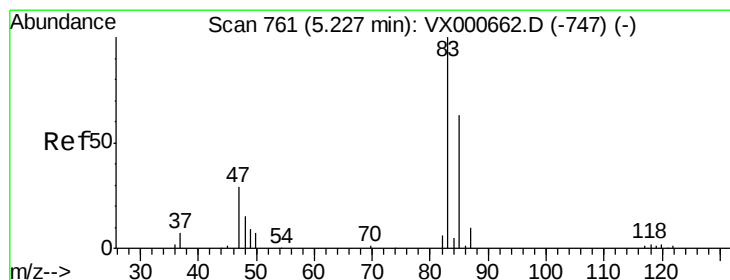
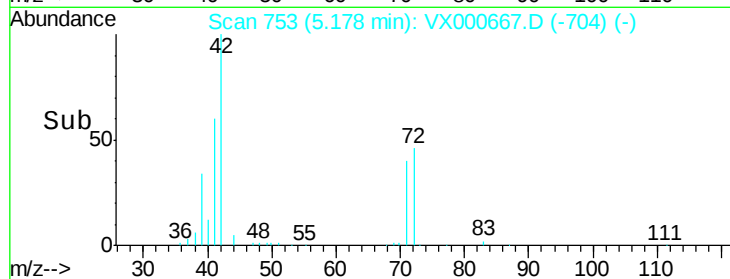
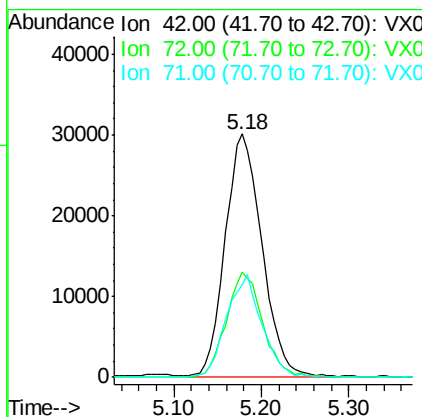
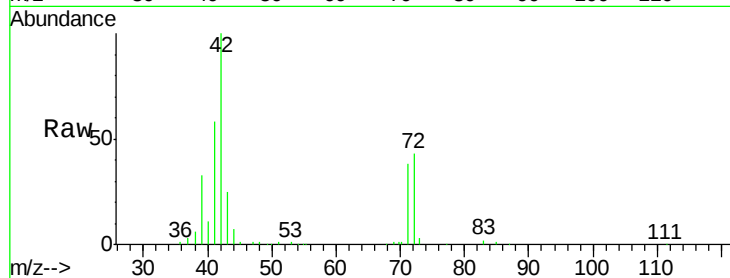




#29
Tetrahydrofuran
Concen: 96.93 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

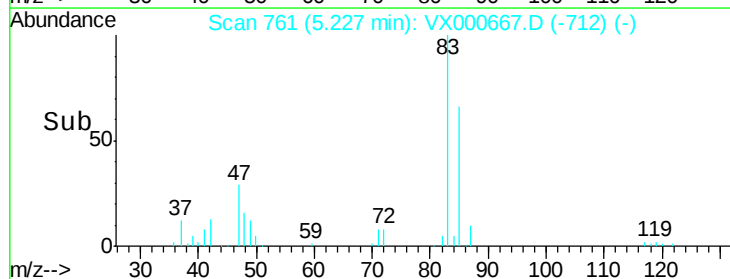
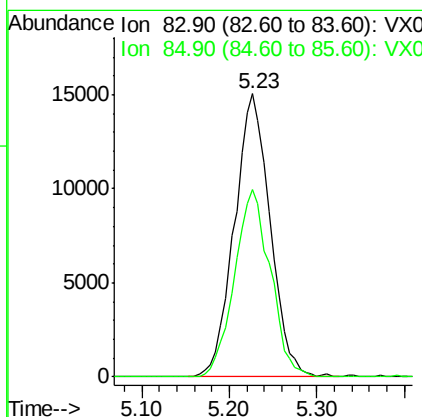
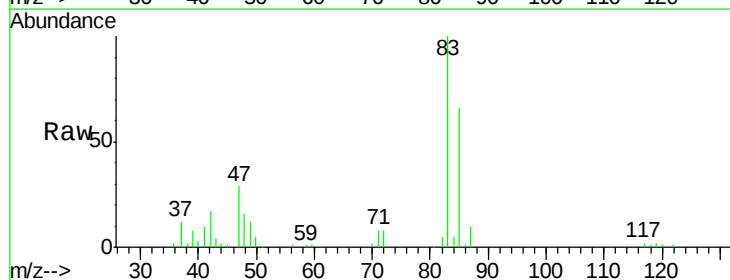
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

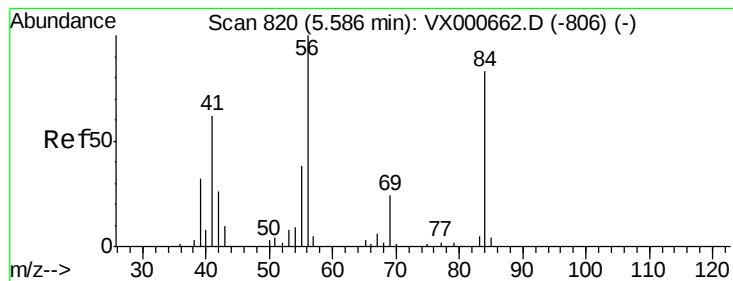
Tgt Ion: 42 Resp: 87130
Ion Ratio Lower Upper
42 100
72 43.4 34.5 51.7
71 41.1 32.2 48.2



#30
Chloroform
Concen: 19.87 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion: 83 Resp: 42781
Ion Ratio Lower Upper
83 100
85 66.1 50.2 75.4





#31

Cyclohexane

Concen: 18.30 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

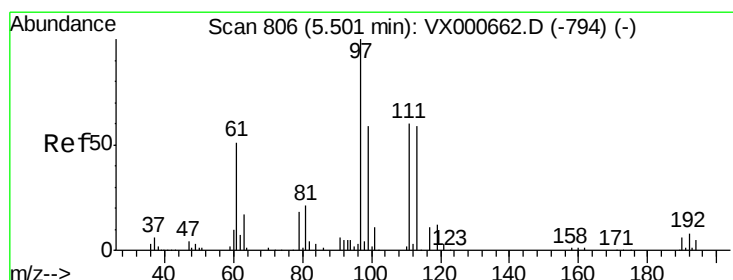
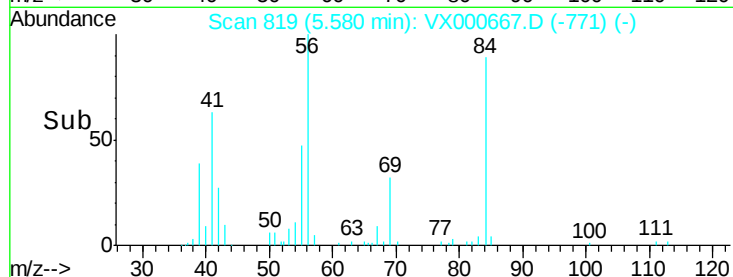
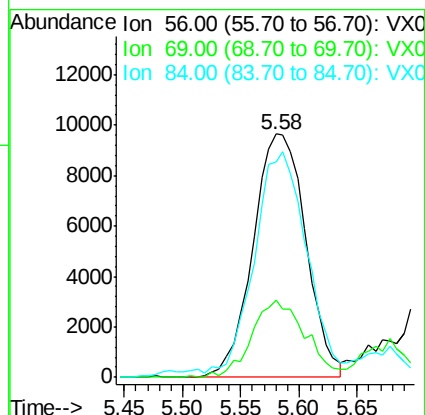
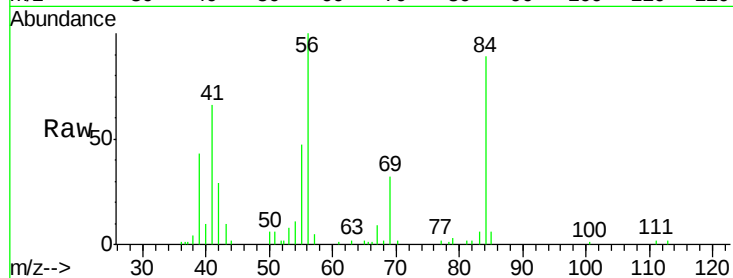
Tgt Ion: 56 Resp: 30250

Ion Ratio Lower Upper

56 100

69 30.9 19.4 29.0#

84 85.6 66.8 100.2



#32

1,1,1-Trichloroethane

Concen: 21.11 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

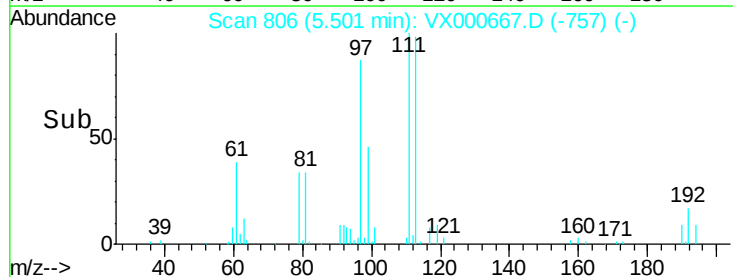
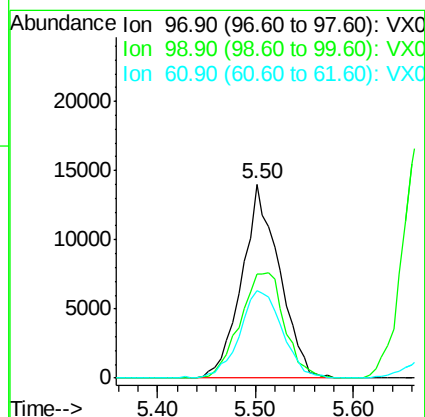
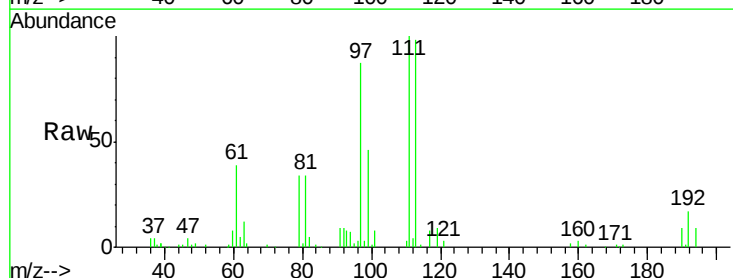
Tgt Ion: 97 Resp: 37409

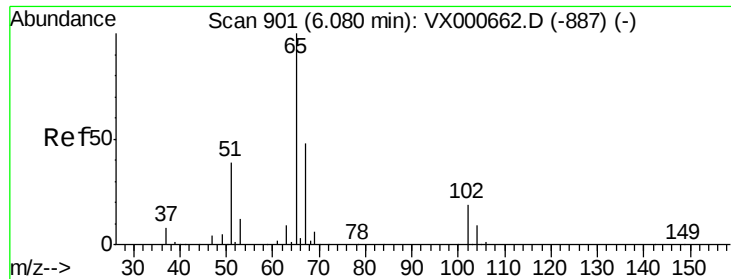
Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

61 51.3 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 48.01 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

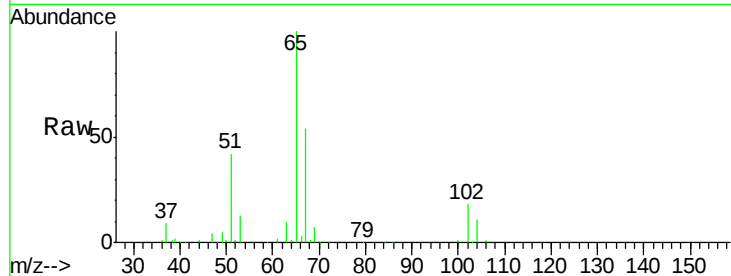
VX0404WBS01

Tgt Ion: 65 Resp: 80425

Ion Ratio Lower Upper

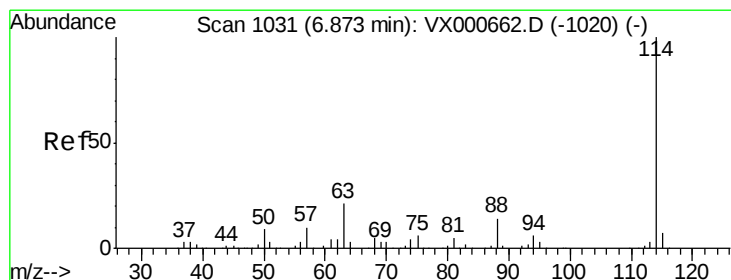
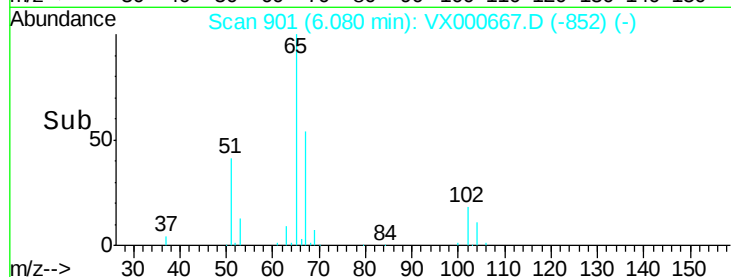
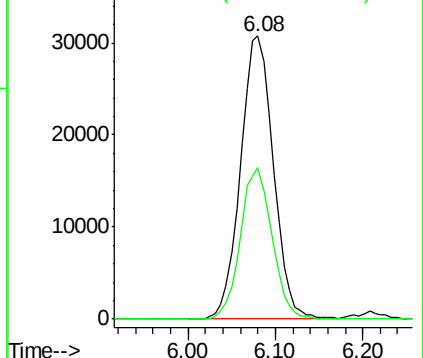
65 100

67 51.6 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

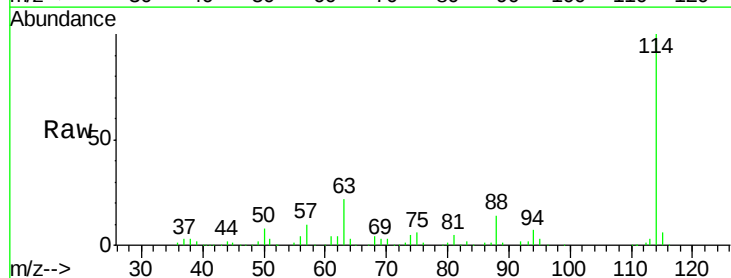
Tgt Ion: 114 Resp: 175185

Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.6

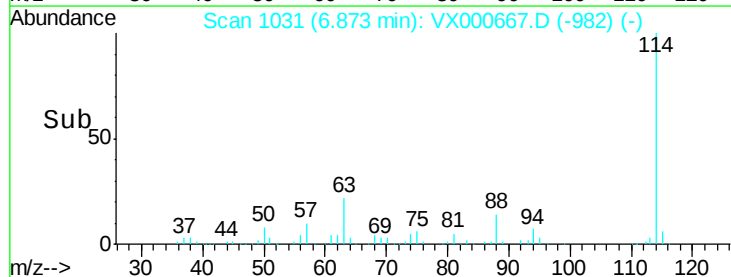
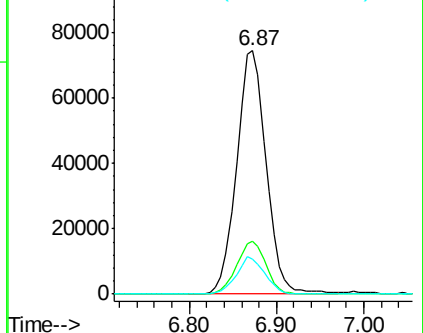
88 14.4 0.0 28.6

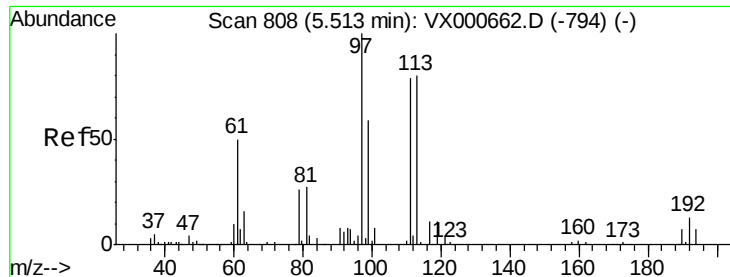


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.69 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

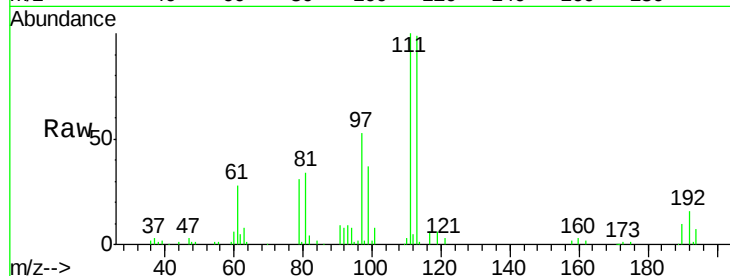
Tgt Ion:113 Resp: 57026

Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

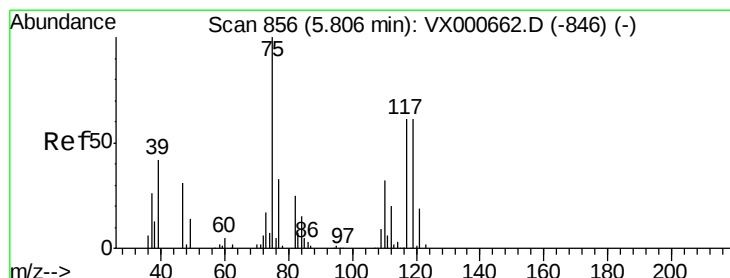
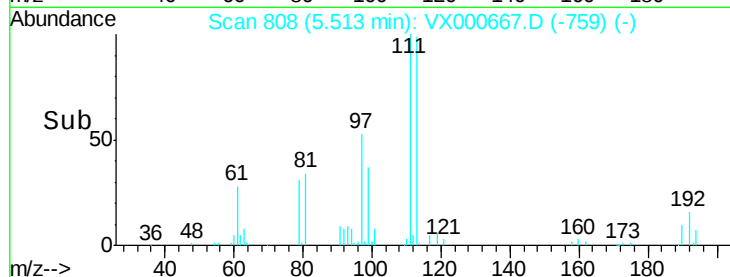
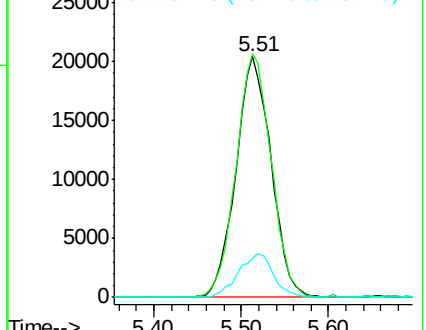
192 18.0 14.3 21.5



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: 19.05 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

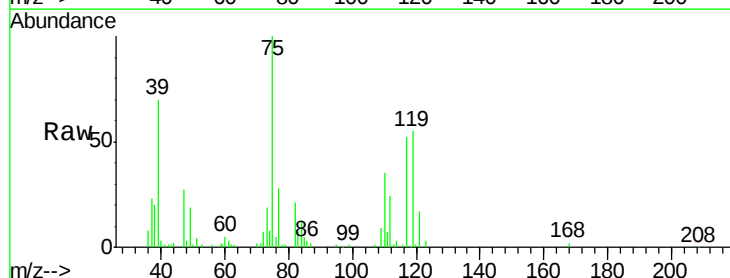
Tgt Ion: 75 Resp: 30951

Ion Ratio Lower Upper

75 100

110 35.6 16.3 48.9

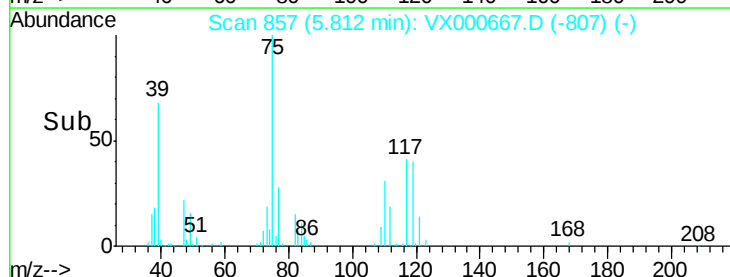
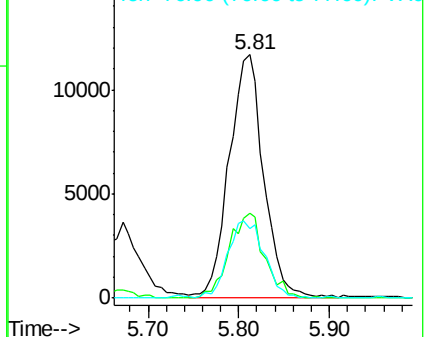
77 33.3 24.3 36.5

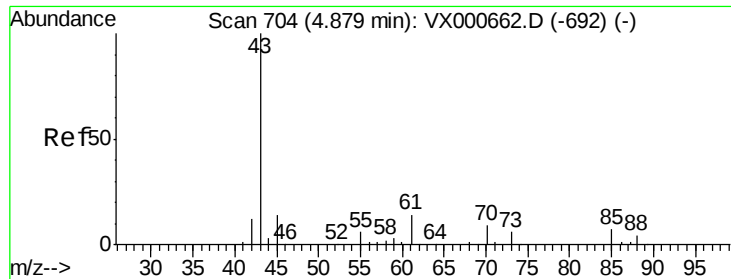


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

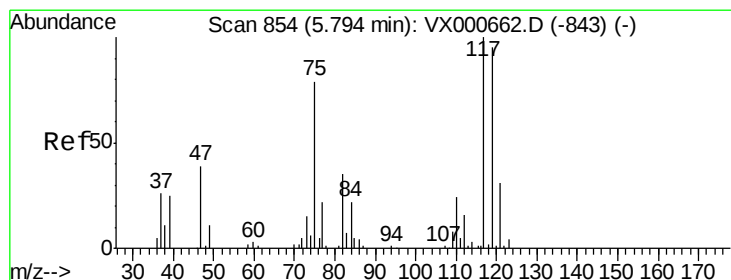
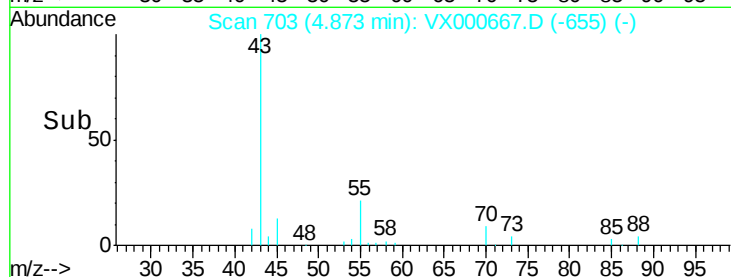
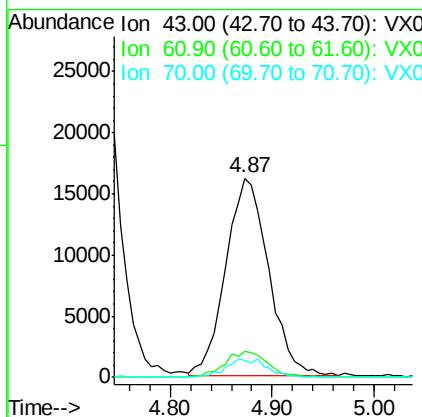
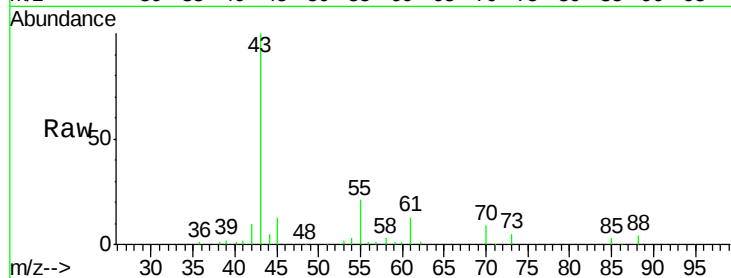




#37
Ethyl Acetate
Concen: 19.03 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

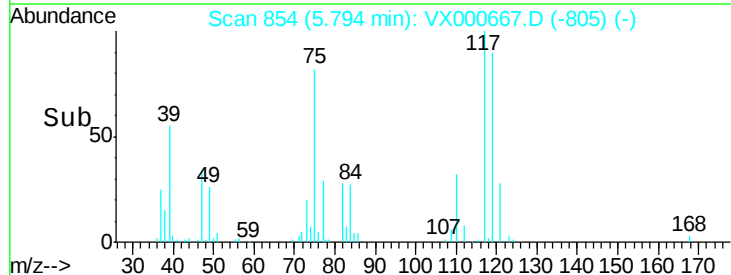
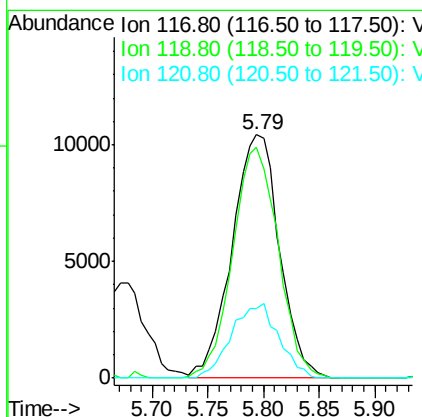
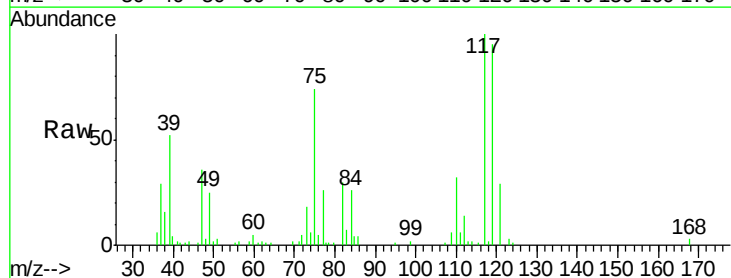
Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

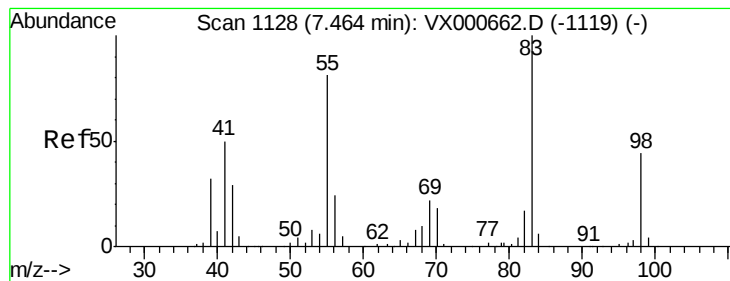
Tgt Ion: 43 Resp: 47057
Ion Ratio Lower Upper
43 100
61 13.1 10.4 15.6
70 8.8 6.8 10.2



#38
Carbon Tetrachloride
Concen: 19.75 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion: 117 Resp: 30898
Ion Ratio Lower Upper
117 100
119 94.7 76.1 114.1
121 28.6 24.8 37.2





#39

Methylcyclohexane

Concen: 18.87 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

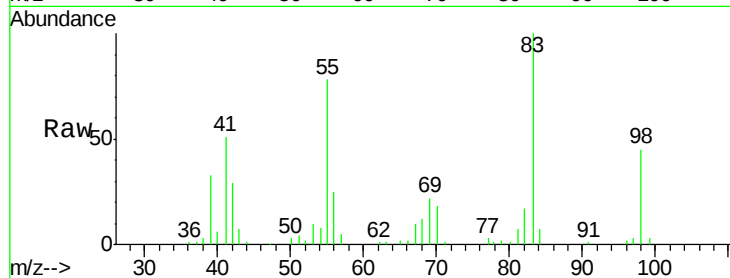
Tgt Ion: 83 Resp: 35450

Ion Ratio Lower Upper

83 100

55 78.0 64.5 96.7

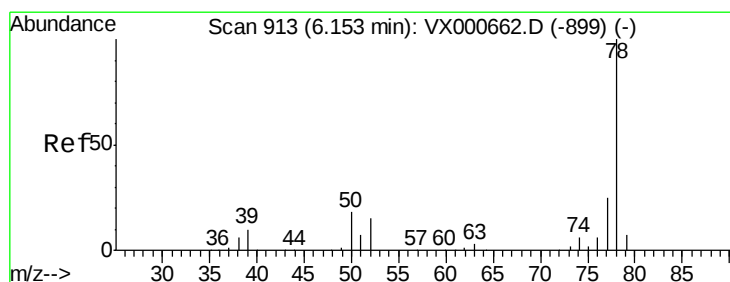
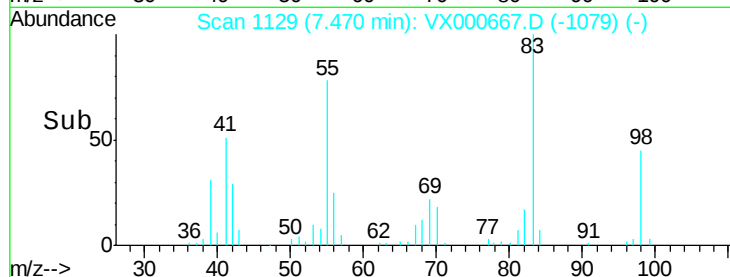
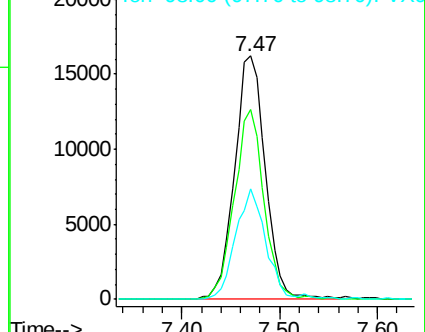
98 45.4 35.0 52.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 19.78 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX000667.D

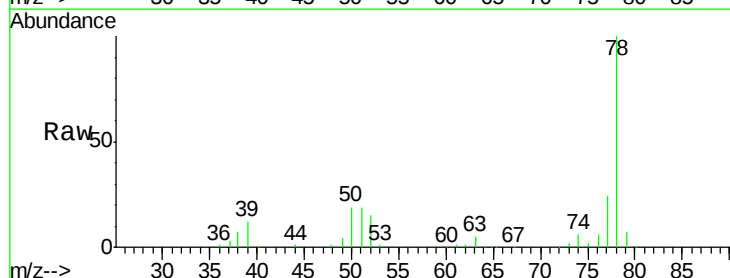
Acq: 04 Apr 2018 20:01

Tgt Ion: 78 Resp: 91784

Ion Ratio Lower Upper

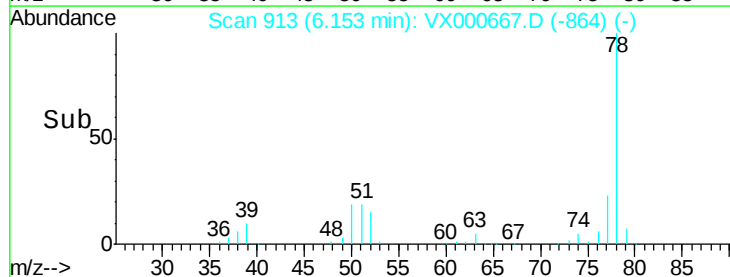
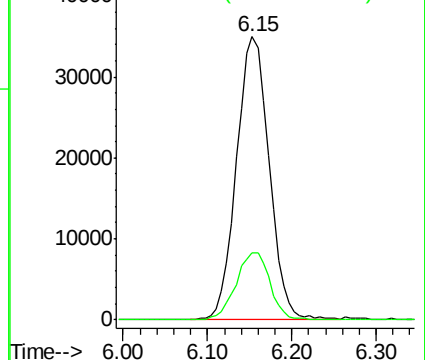
78 100

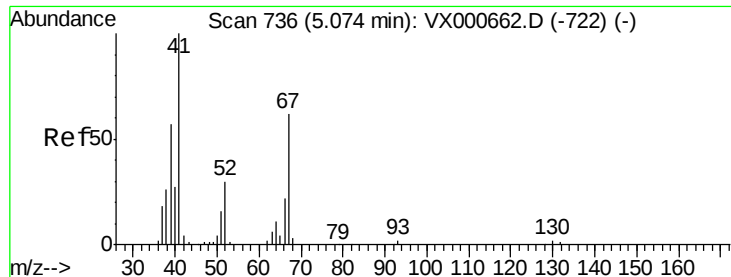
77 23.7 20.2 30.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 18.90 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

Tgt Ion: 41 Resp: 25601

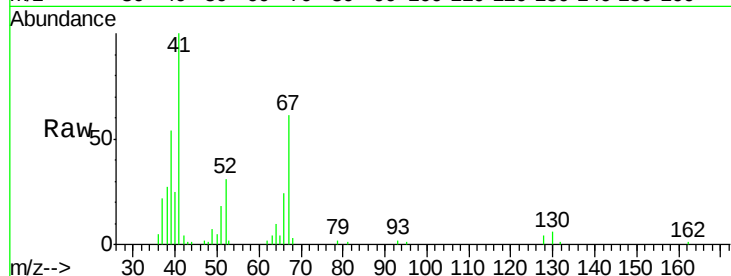
Ion Ratio Lower Upper

41 100

39 55.9 46.2 69.4

67 66.6 52.4 78.6

52 31.0 26.0 39.0

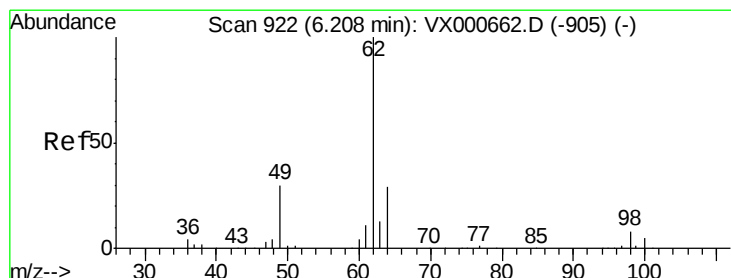
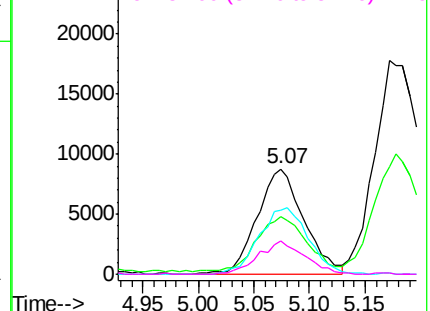
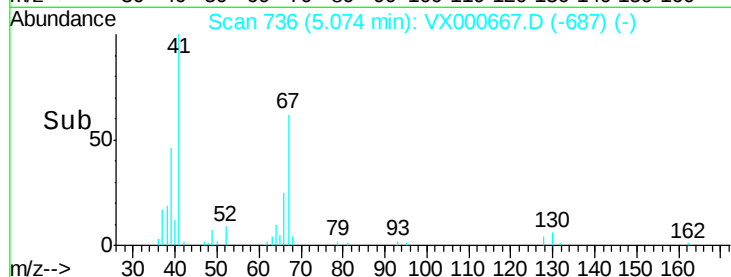


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.97 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.00 min

Lab File: VX000667.D

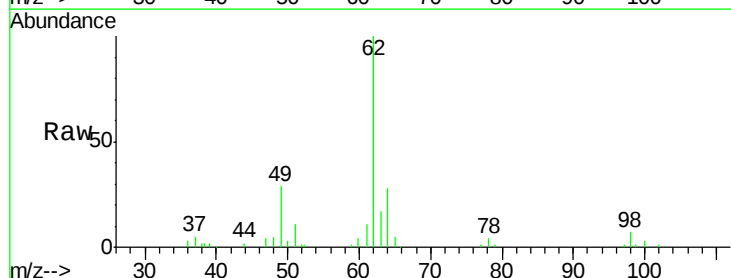
Acq: 04 Apr 2018 20:01

Tgt Ion: 62 Resp: 38760

Ion Ratio Lower Upper

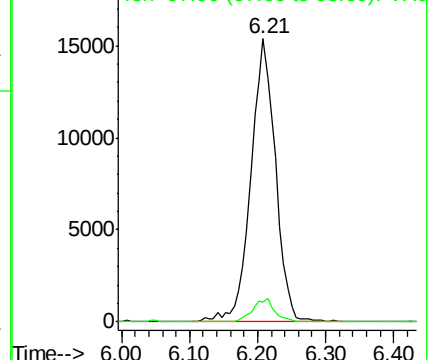
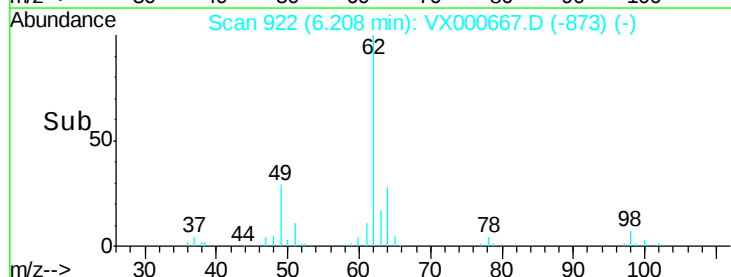
62 100

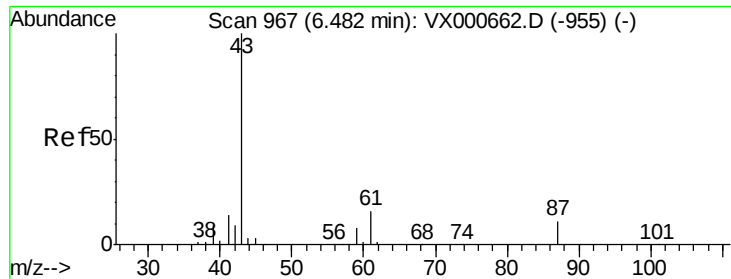
98 7.3 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.21 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

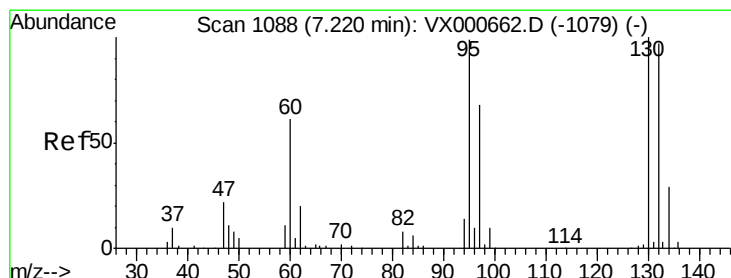
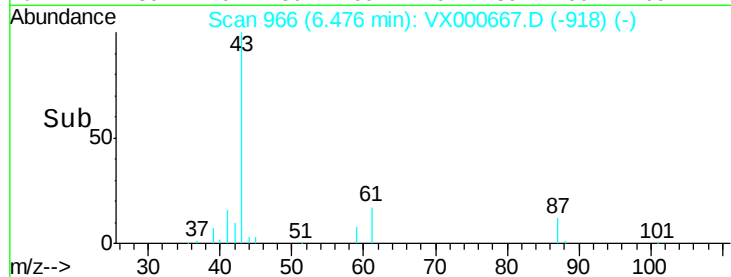
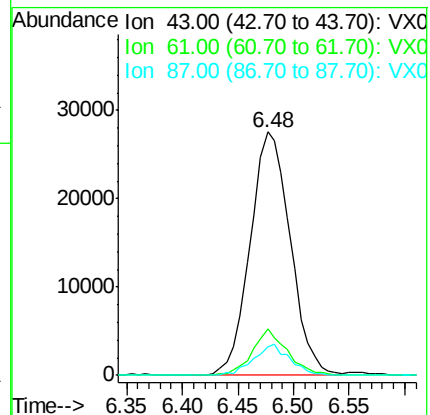
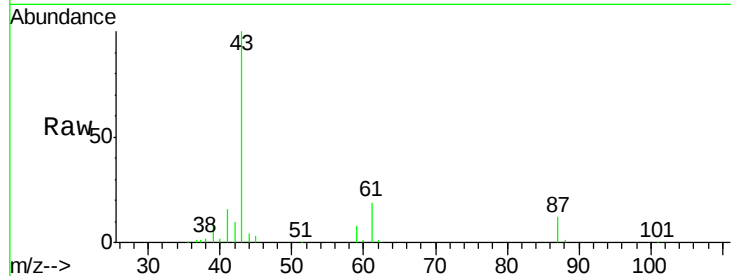
Tgt Ion: 43 Resp: 68889

Ion Ratio Lower Upper

43 100

61 16.8 13.4 20.2

87 11.6 9.4 14.0



#44

Trichloroethene

Concen: 19.06 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000667.D

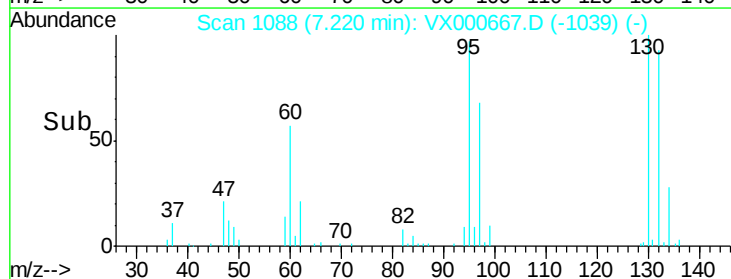
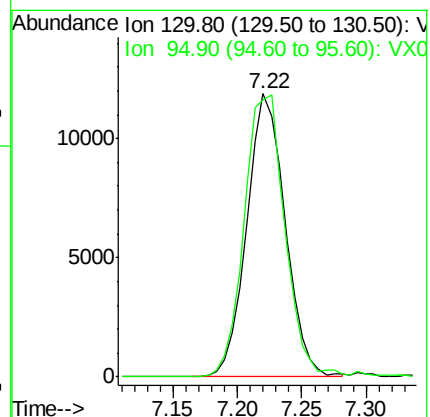
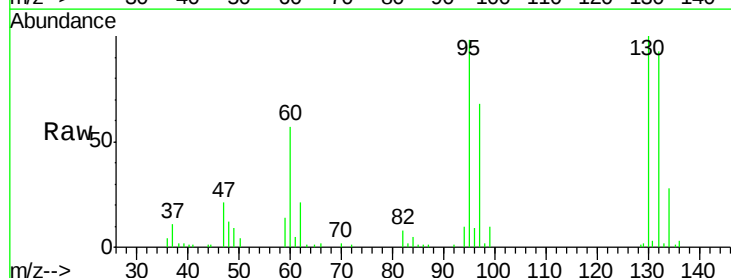
Acq: 04 Apr 2018 20:01

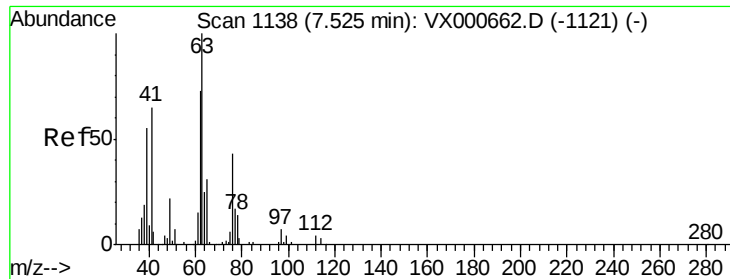
Tgt Ion: 130 Resp: 24437

Ion Ratio Lower Upper

130 100

95 97.7 0.0 198.8





#45

1,2-Dichloropropane

Concen: 19.92 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

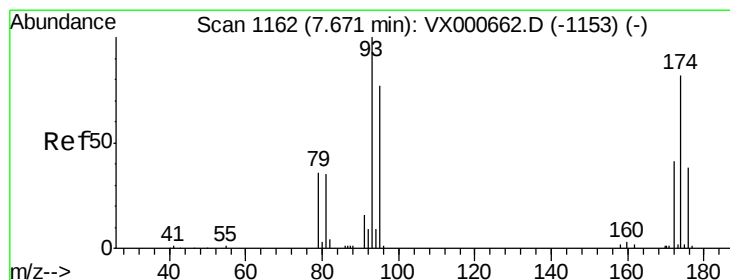
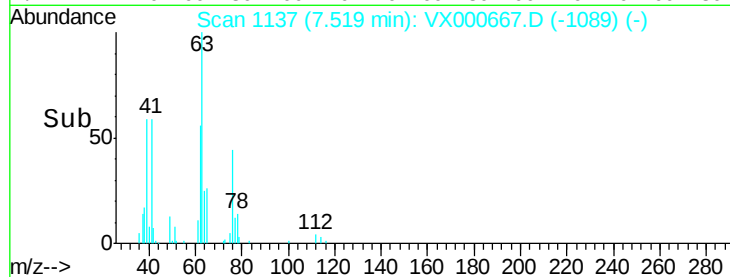
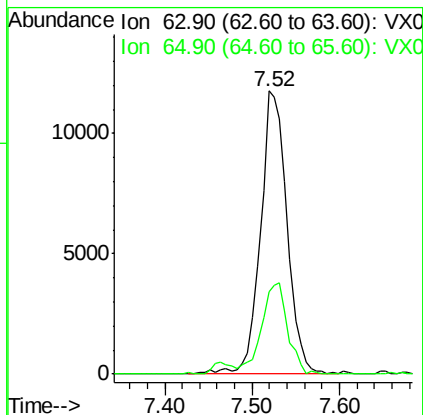
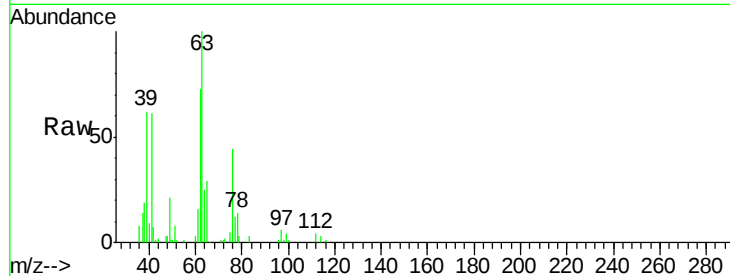
VX0404WBS01

Tgt Ion: 63 Resp: 24924

Ion Ratio Lower Upper

63 100

65 28.9 24.8 37.2



#46

Dibromomethane

Concen: 20.10 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

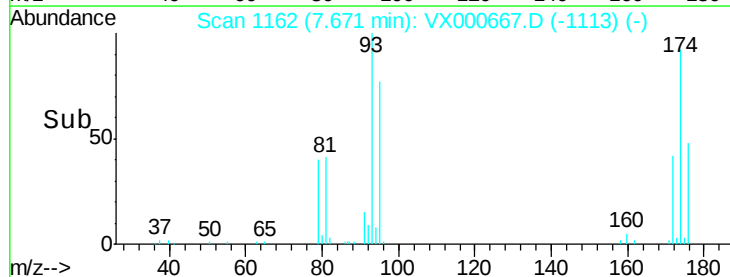
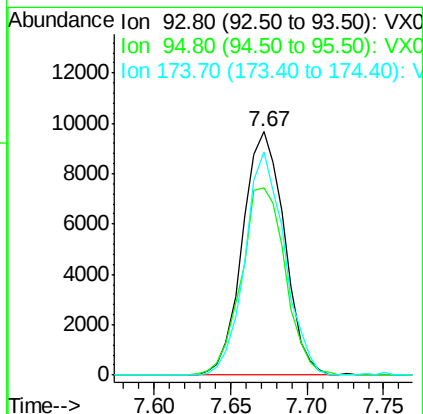
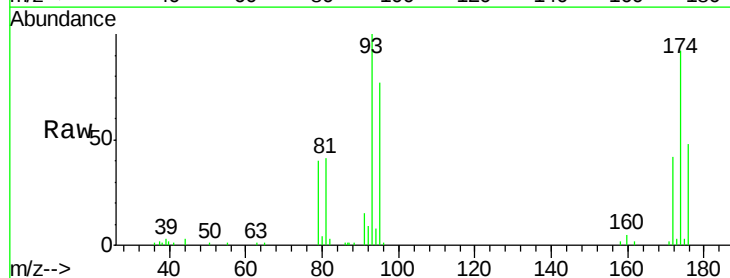
Tgt Ion: 93 Resp: 18460

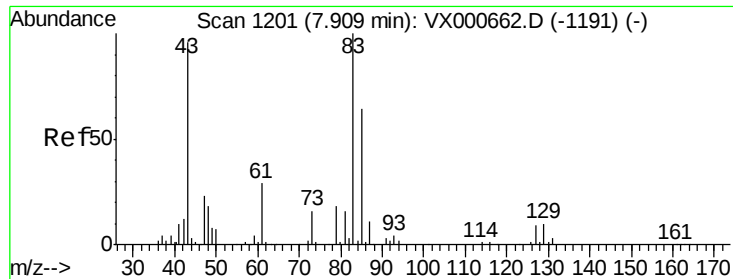
Ion Ratio Lower Upper

93 100

95 80.6 65.3 97.9

174 86.6 70.2 105.4





#47

Bromodichloromethane

Concen: 19.50 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

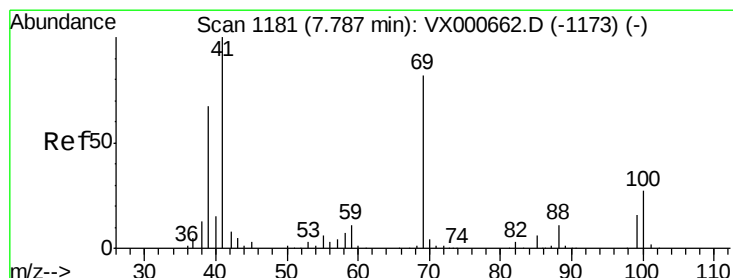
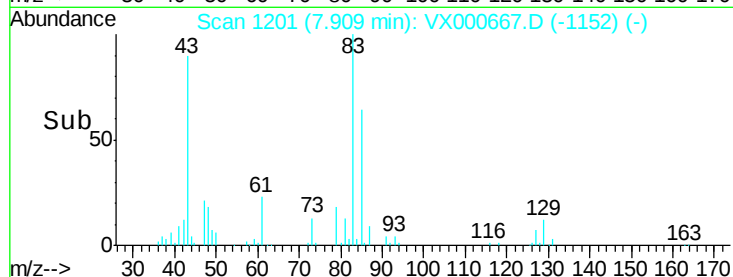
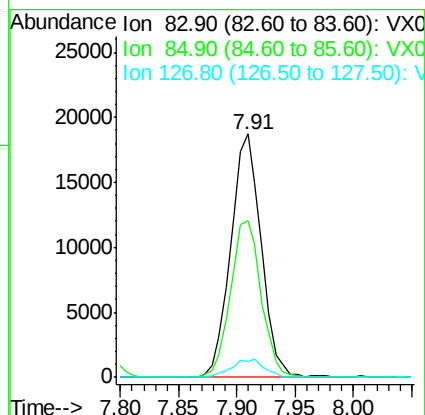
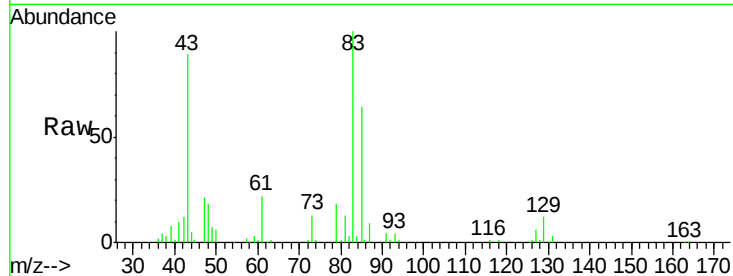
Tgt Ion: 83 Resp: 34058

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.0

127 6.5 7.3 10.9#



#48

Methyl methacrylate

Concen: 18.31 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

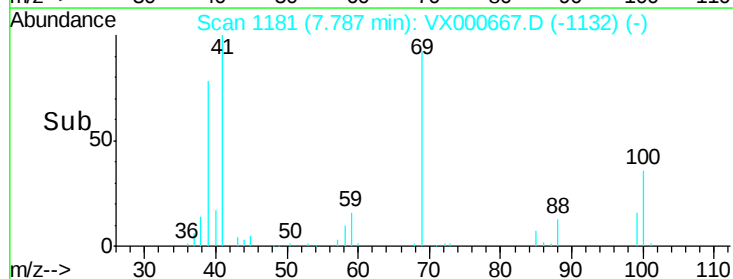
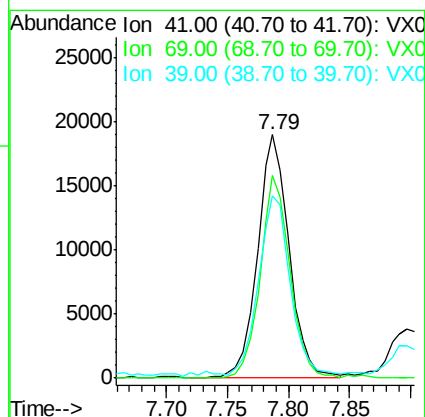
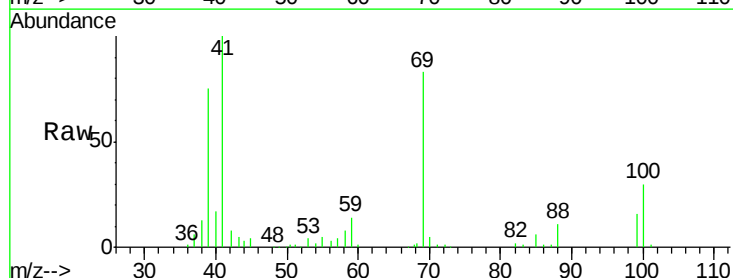
Tgt Ion: 41 Resp: 33651

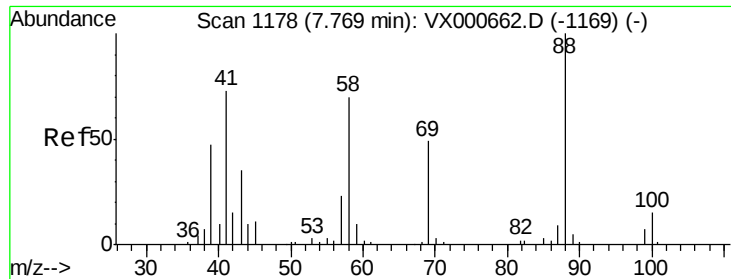
Ion Ratio Lower Upper

41 100

69 79.6 64.3 96.5

39 73.4 57.0 85.4

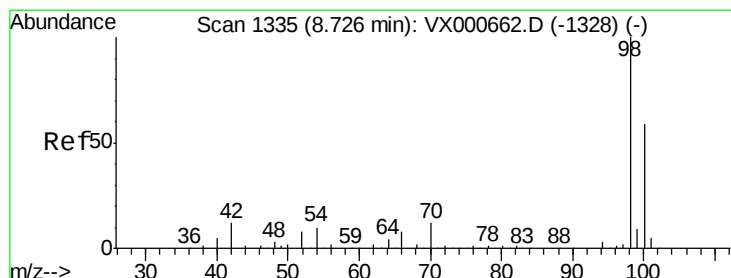
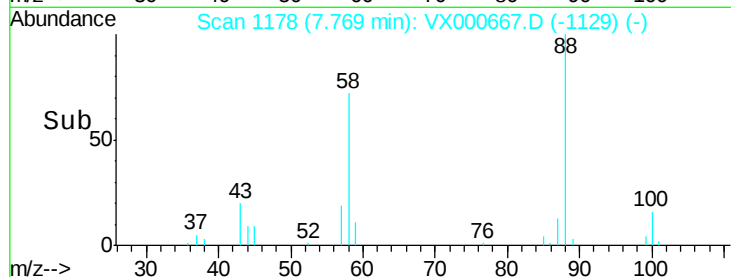
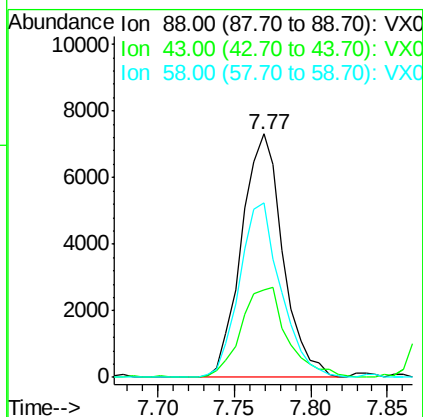
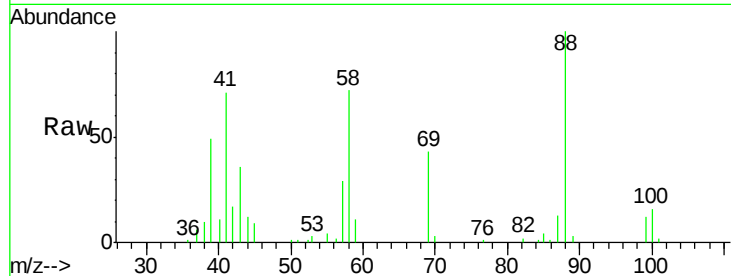




#49
 1,4-Dioxane
 Concen: 353.19 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

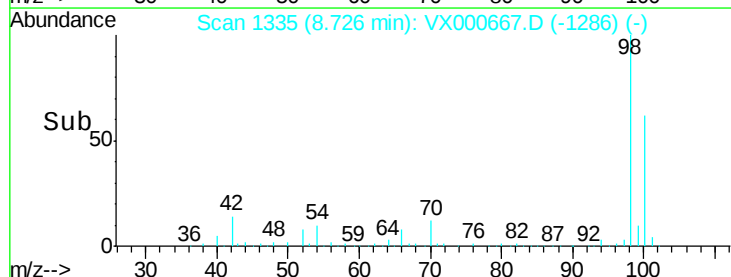
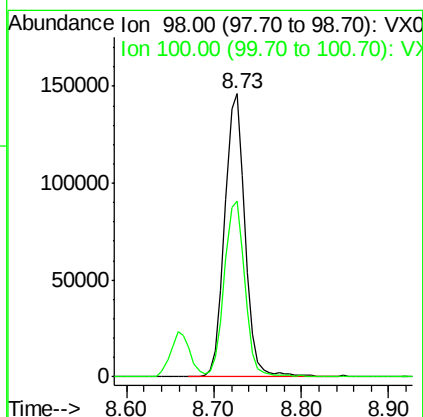
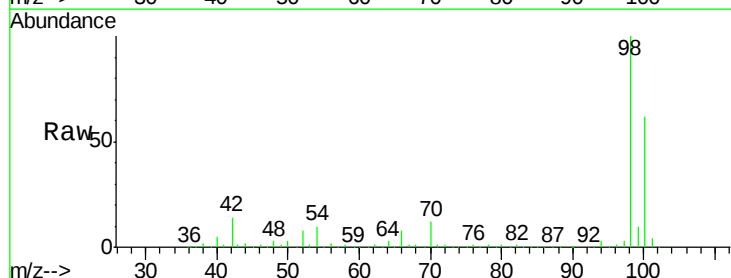
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

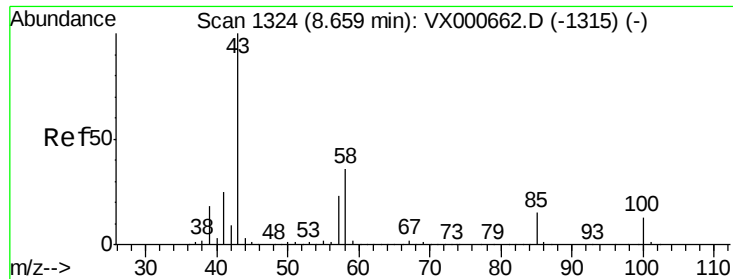
Tgt Ion: 88 Resp: 13757
 Ion Ratio Lower Upper
 88 100
 43 41.3 29.4 44.0
 58 71.6 53.4 80.0



#50
 Toluene-d8
 Concen: 46.03 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion: 98 Resp: 234085
 Ion Ratio Lower Upper
 98 100
 100 62.9 51.0 76.6

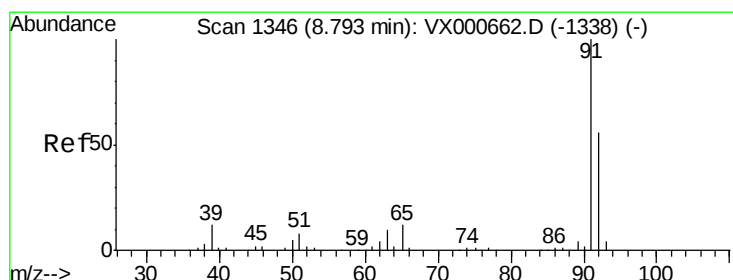
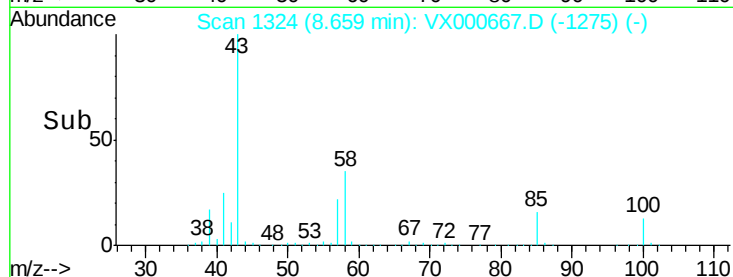
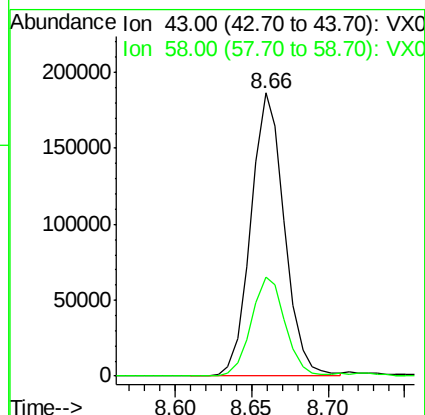
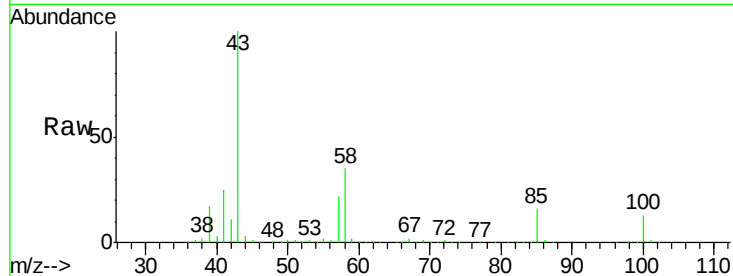




#51
4-Methyl-2-Pentanone
Concen: 97.59 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

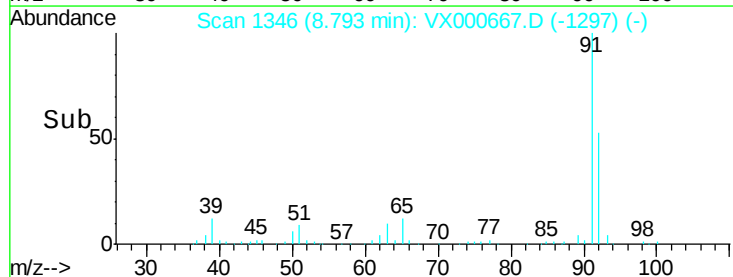
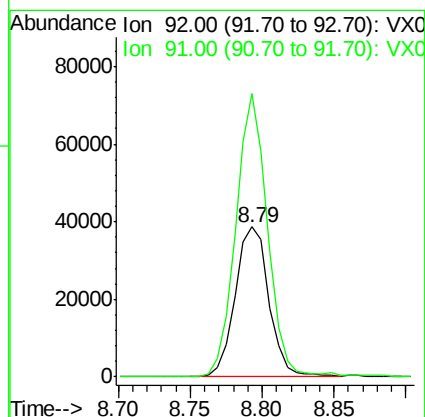
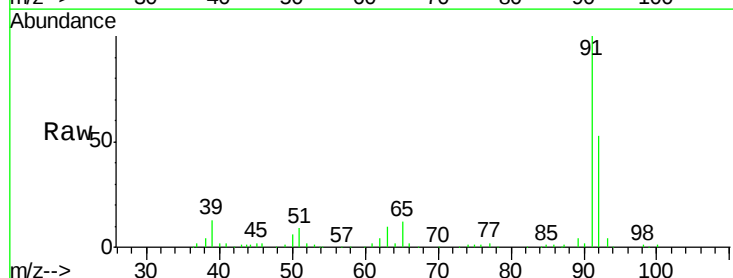
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

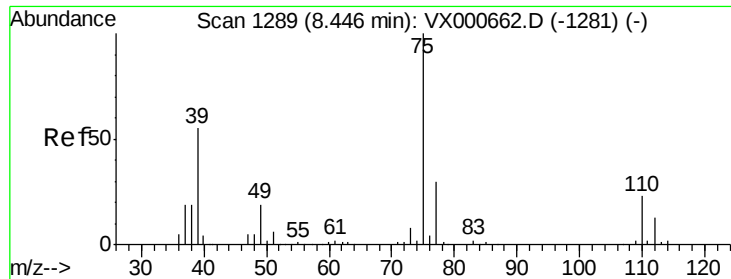
Tgt Ion: 43 Resp: 284606
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.2



#52
Toluene
Concen: 19.31 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion: 92 Resp: 63313
Ion Ratio Lower Upper
92 100
91 177.5 141.7 212.5

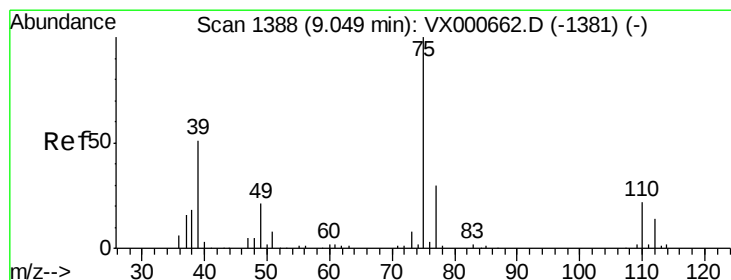
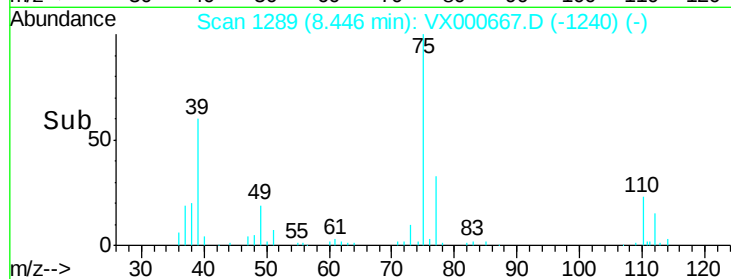
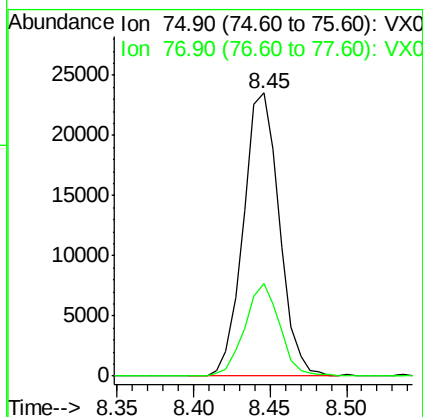
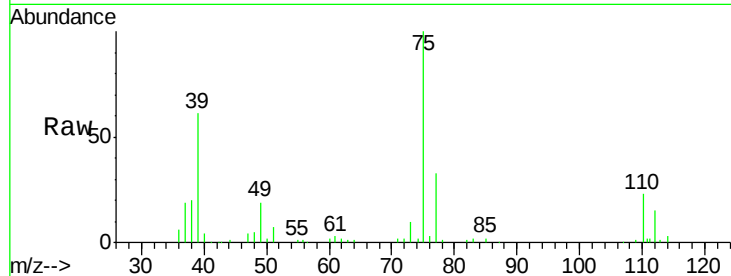




#53
 t-1,3-Dichloropropene
 Concen: 20.38 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

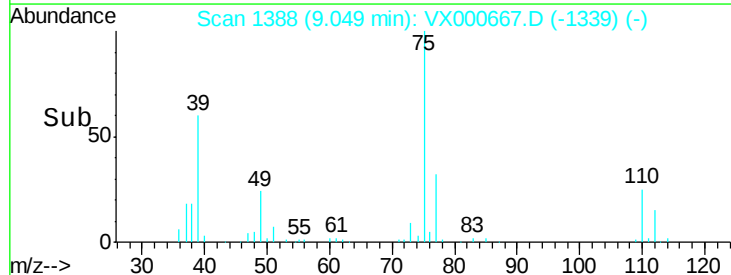
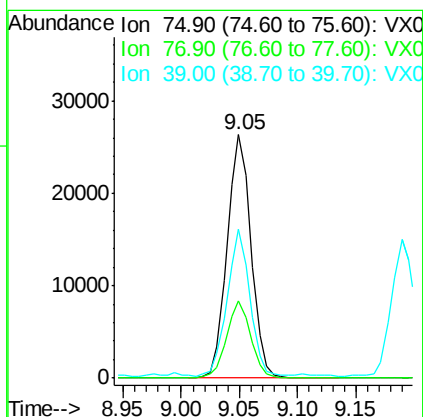
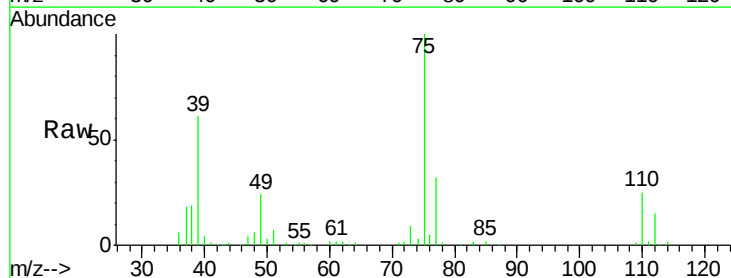
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

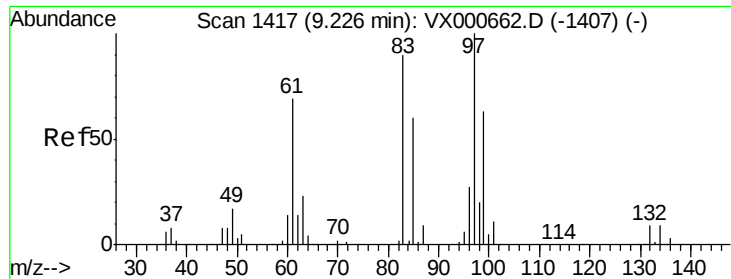
Tgt Ion: 75 Resp: 38466
 Ion Ratio Lower Upper
 75 100
 77 32.6 23.8 35.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.58 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion: 75 Resp: 37564
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.1 36.1
 39 60.4 40.7 61.1

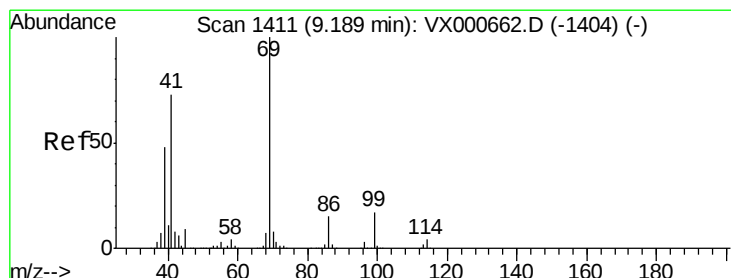
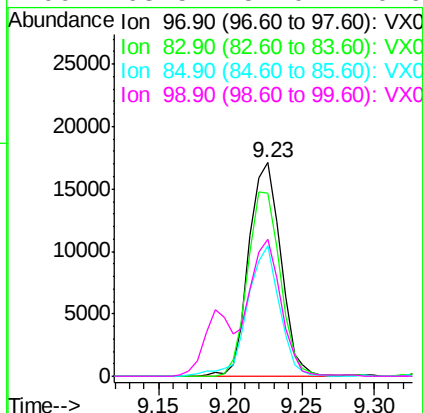
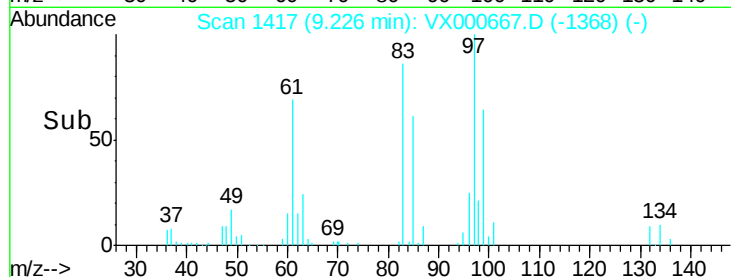
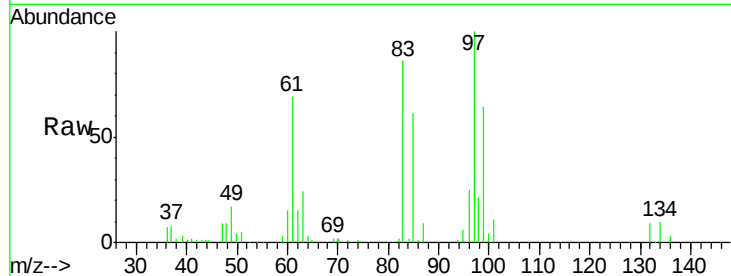




#55
 1,1,2-Trichloroethane
 Concen: 19.16 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

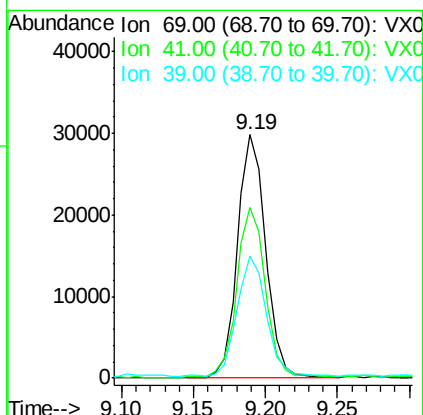
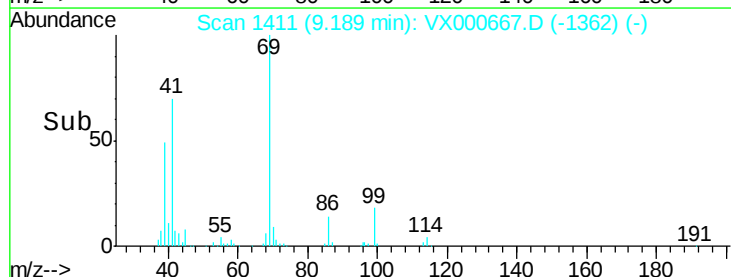
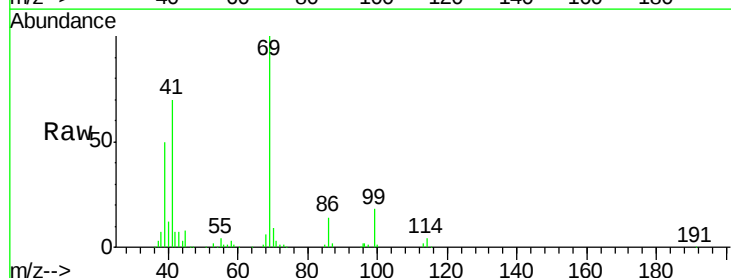
Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBS01

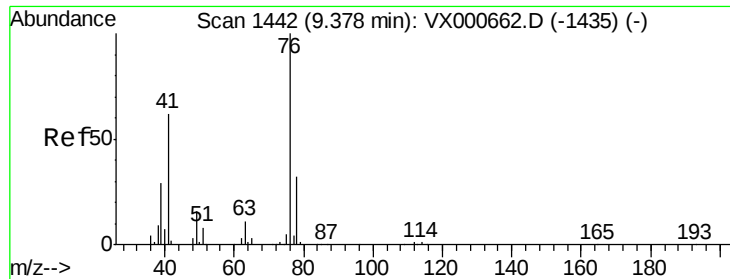
Tgt Ion:	97	Resp:	26193
Ion	Ratio	Lower	Upper
97	100		
83	85.6	72.1	108.1
85	61.4	48.3	72.5
99	63.5	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 19.33 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion:	69	Resp:	40708
Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.5	84.7
39	52.5	39.8	59.8

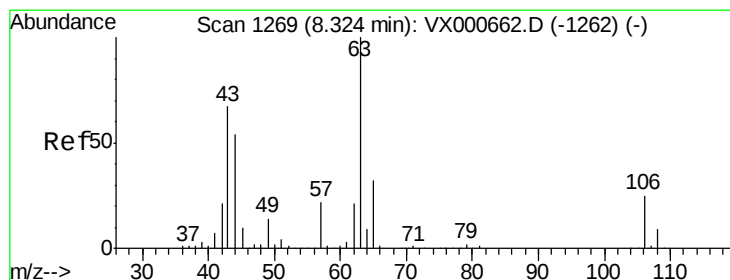
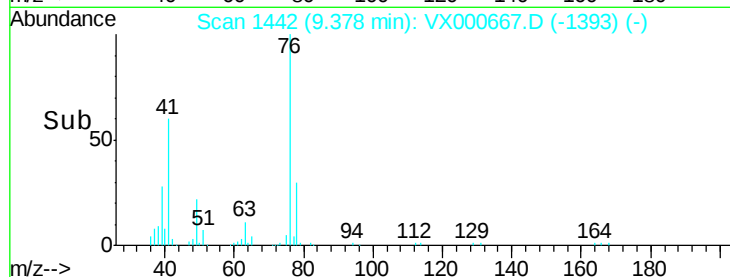
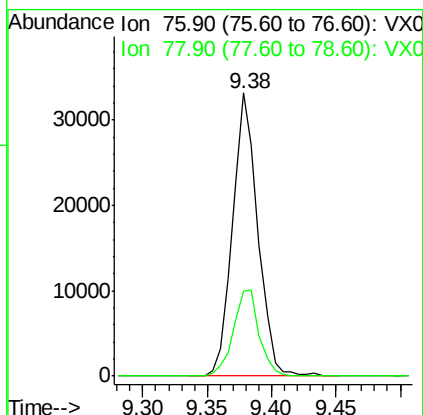
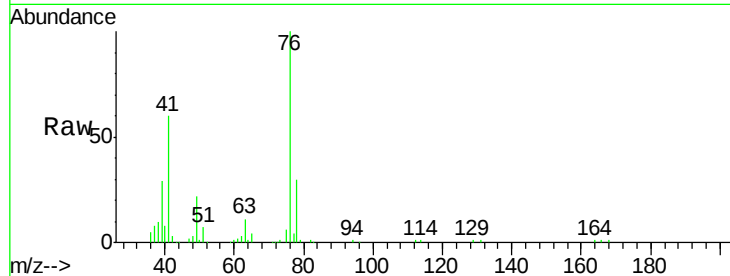




#57
 1,3-Dichloropropane
 Concen: 20.31 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

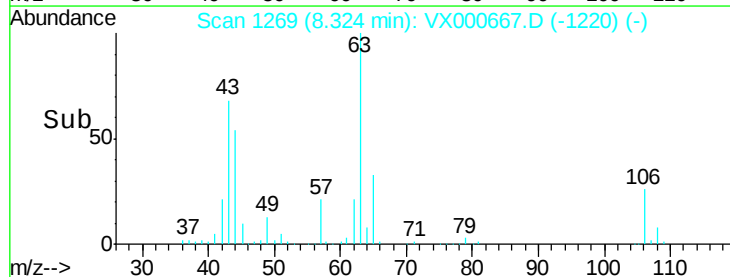
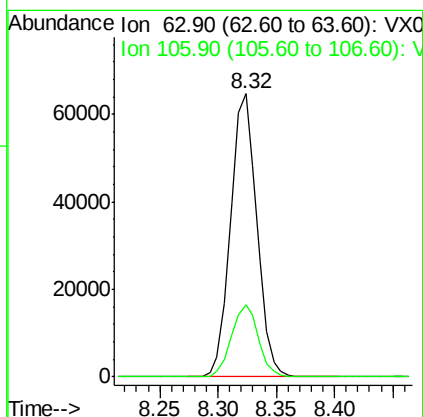
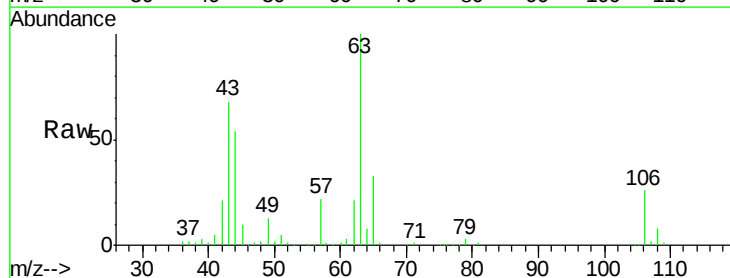
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

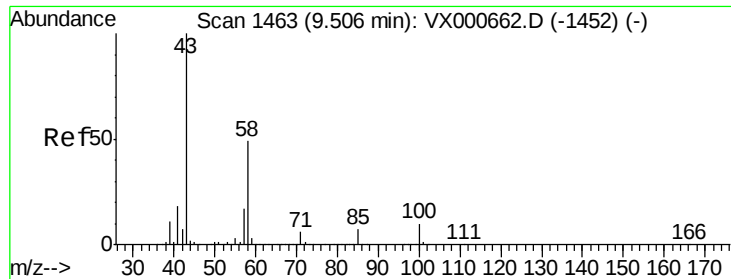
Tgt Ion: 76 Resp: 45482
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.25 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion: 63 Resp: 101895
 Ion Ratio Lower Upper
 63 100
 106 26.2 20.5 30.7

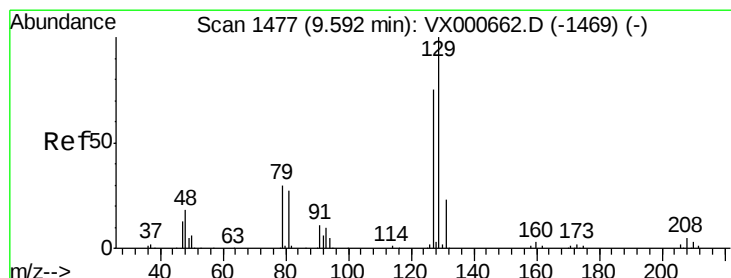
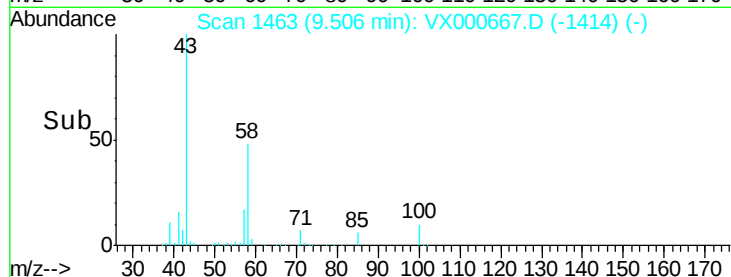
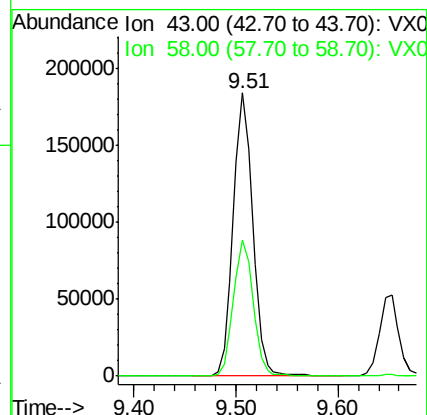
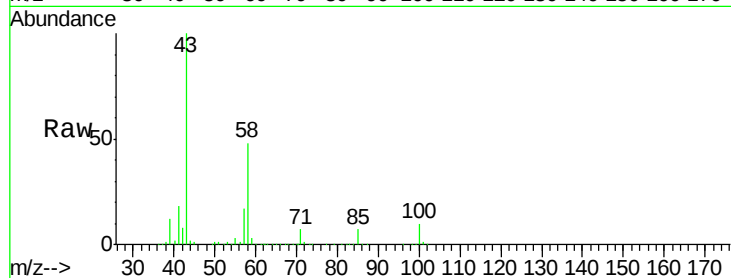




#59
2-Hexanone
Concen: 98.22 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

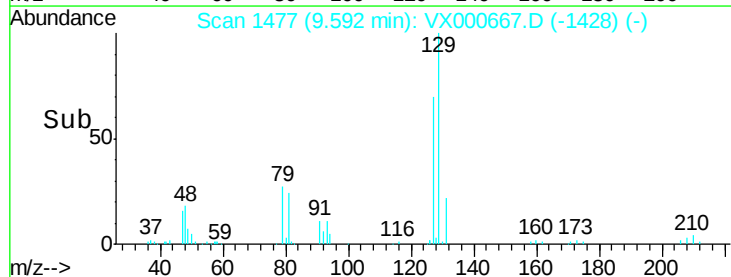
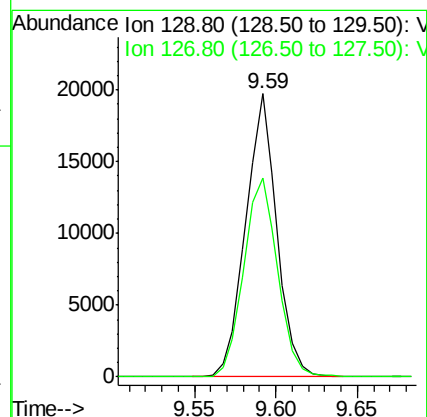
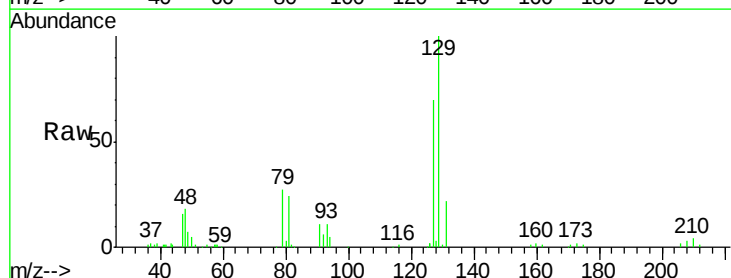
Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

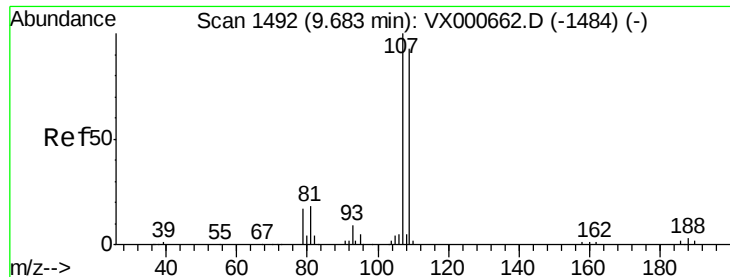
Tgt Ion: 43 Resp: 243591
Ion Ratio Lower Upper
43 100
58 48.7 24.8 74.3



#60
Dibromochloromethane
Concen: 18.61 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion: 129 Resp: 26180
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1





#61

1,2-Dibromoethane

Concen: 19.53 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

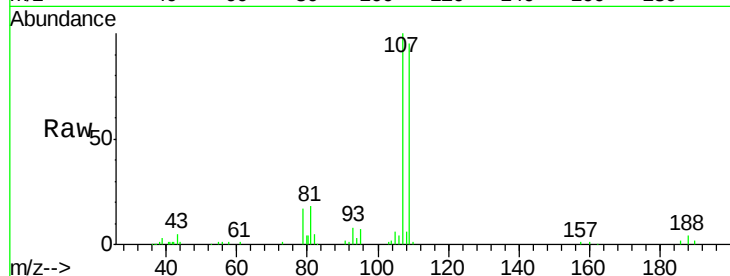
VX0404WBS01

Tgt Ion: 107 Resp: 28796

Ion Ratio Lower Upper

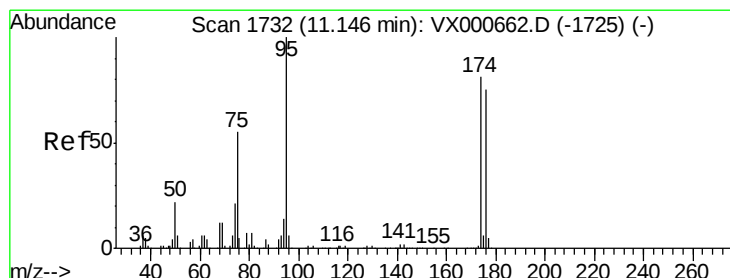
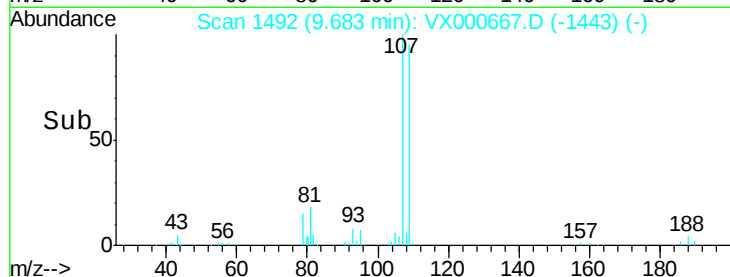
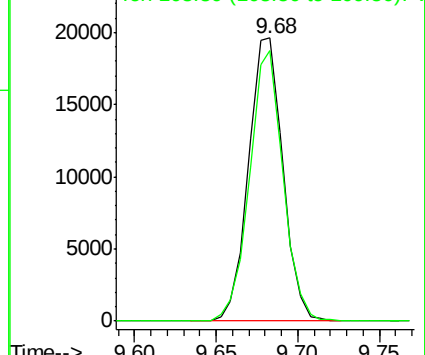
107 100

109 93.4 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.67 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

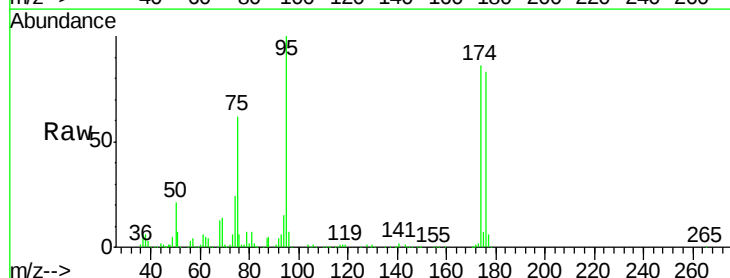
Tgt Ion: 95 Resp: 89895

Ion Ratio Lower Upper

95 100

174 81.6 0.0 156.8

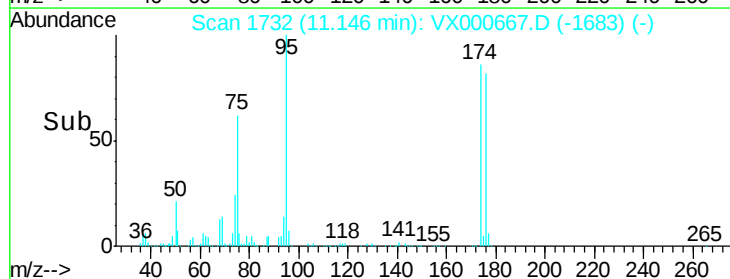
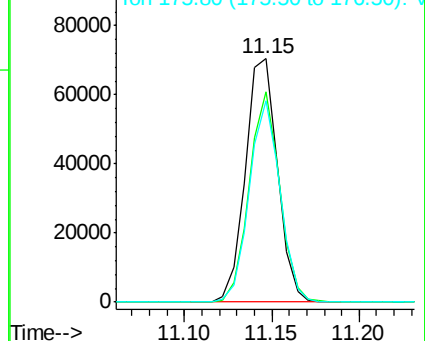
176 78.8 0.0 150.6

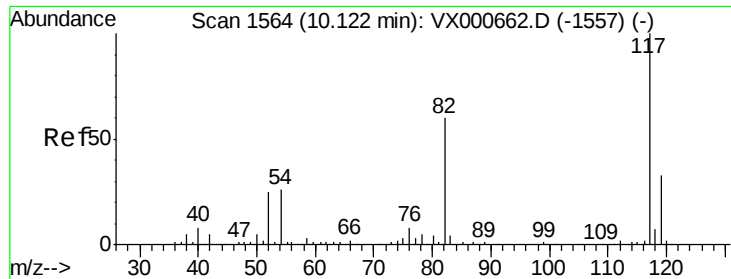


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

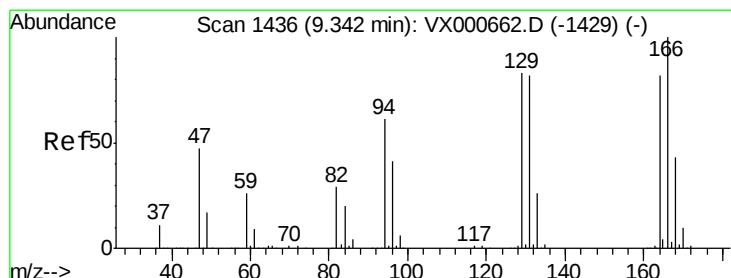
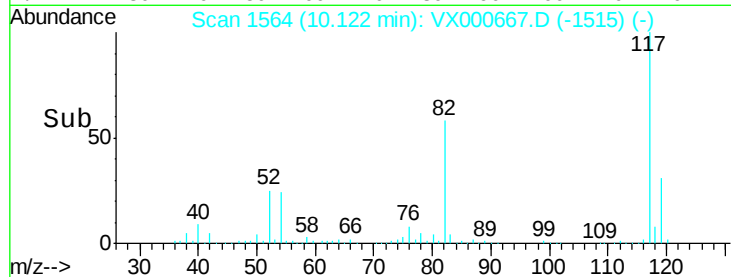
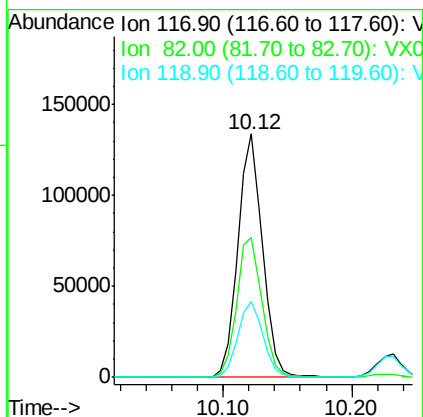
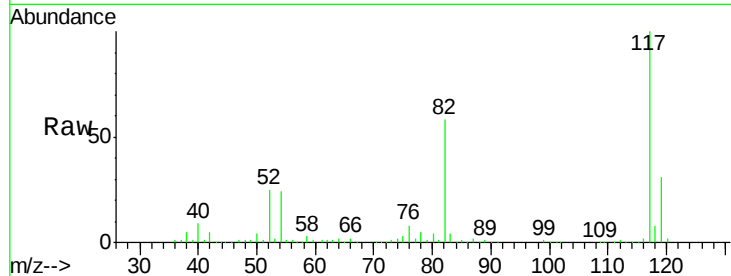




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

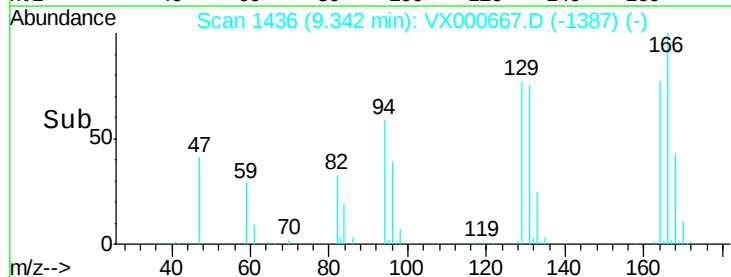
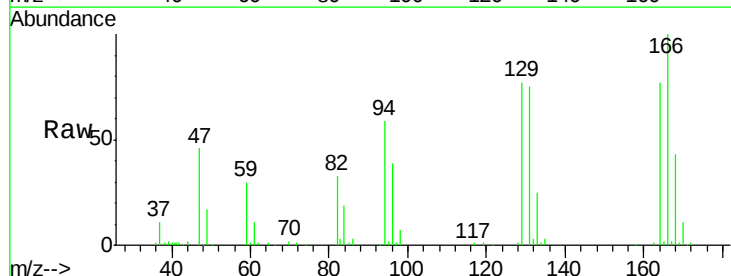
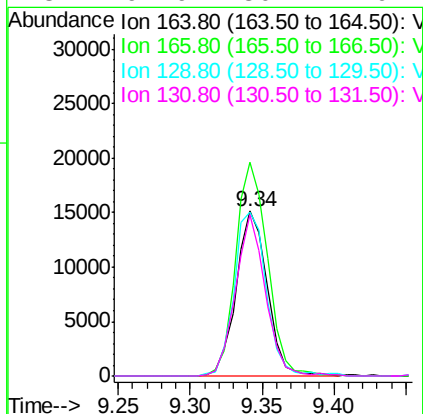
Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

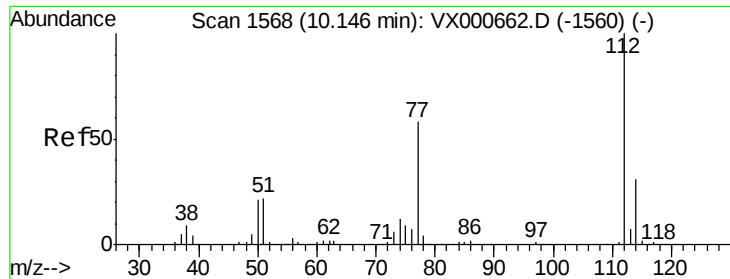
Tgt Ion:117 Resp: 177198
Ion Ratio Lower Upper
117 100
82 57.6 48.3 72.5
119 31.4 26.0 39.0



#64
Tetrachloroethene
Concen: 19.66 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion:164 Resp: 22686
Ion Ratio Lower Upper
164 100
166 129.8 97.8 146.8
129 99.6 81.3 121.9
131 97.9 80.2 120.2





#65

Chlorobenzene

Concen: 19.98 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

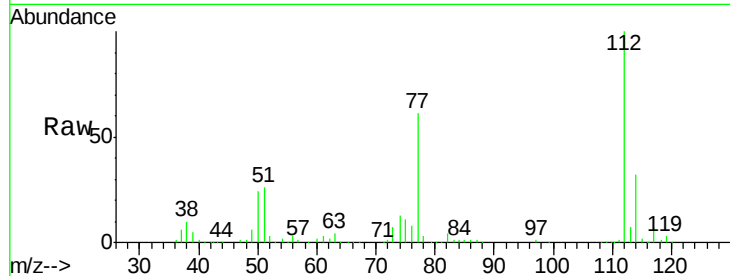
VX0404WBS01

Tgt Ion:112 Resp: 72086

Ion Ratio Lower Upper

112 100

114 31.6 24.4 36.6

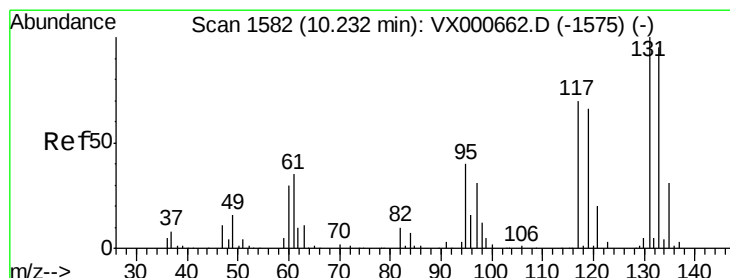
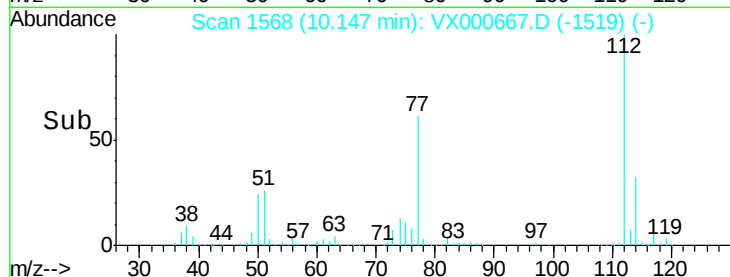


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.00 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

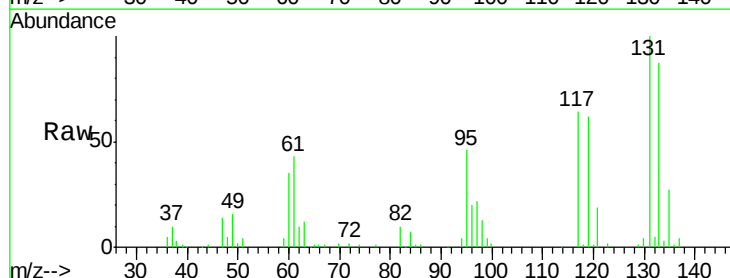
Tgt Ion:131 Resp: 24612

Ion Ratio Lower Upper

131 100

133 94.9 49.0 147.2

119 65.5 34.9 104.8



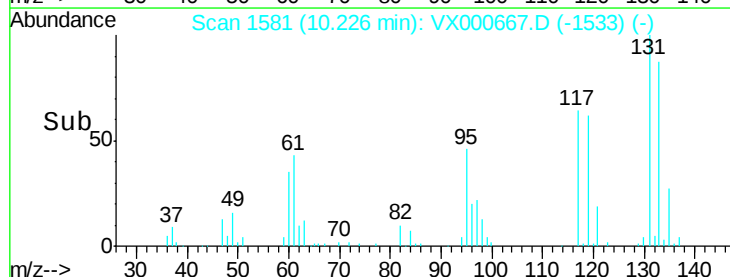
Abundance Ion 130.80 (130.50 to 131.50): V

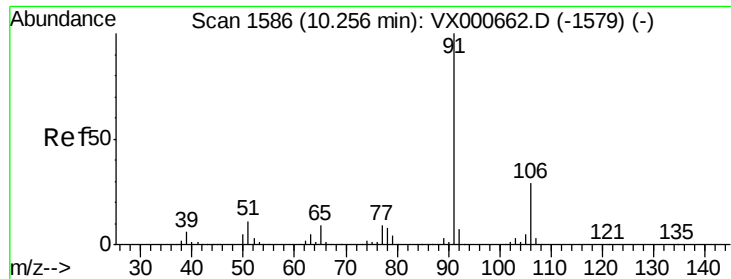
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

Time-->





#67

Ethyl Benzene

Concen: 20.25 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

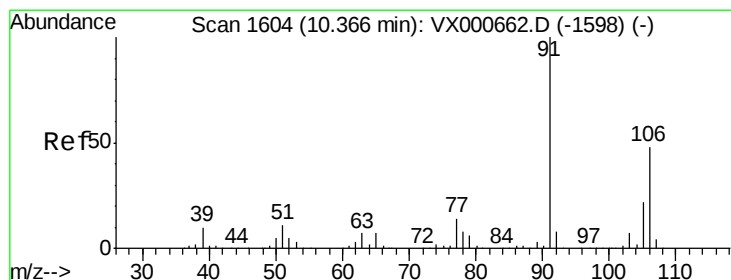
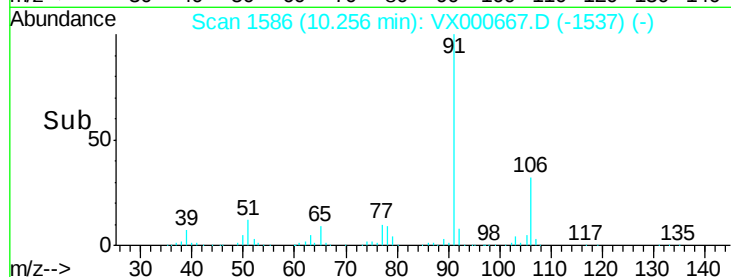
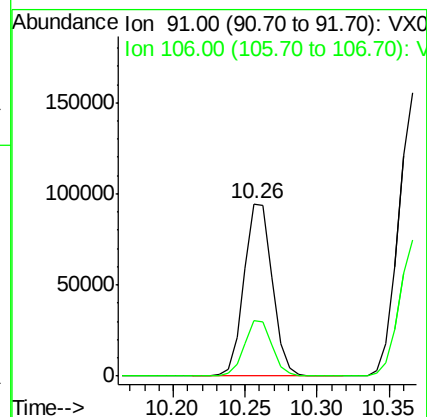
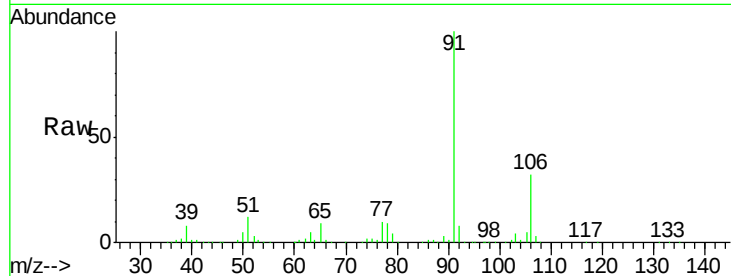
VX0404WBS01

Tgt Ion: 91 Resp: 129284

Ion Ratio Lower Upper

91 100

106 32.3 23.4 35.2



#68

m/p-Xylenes

Concen: 40.61 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000667.D

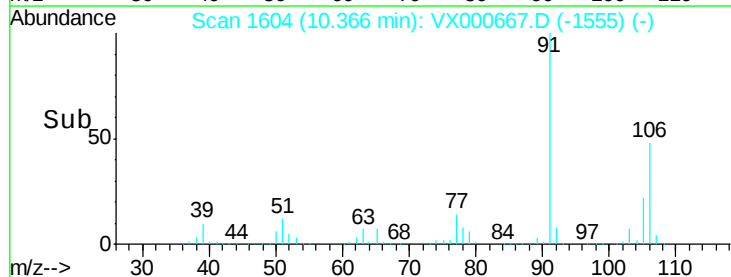
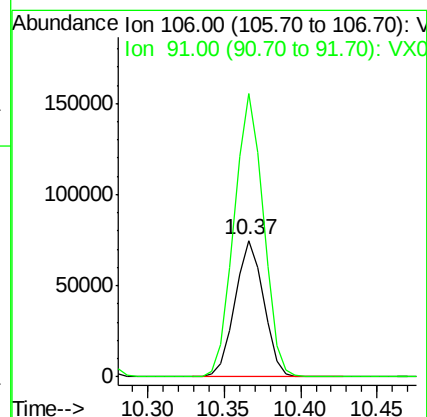
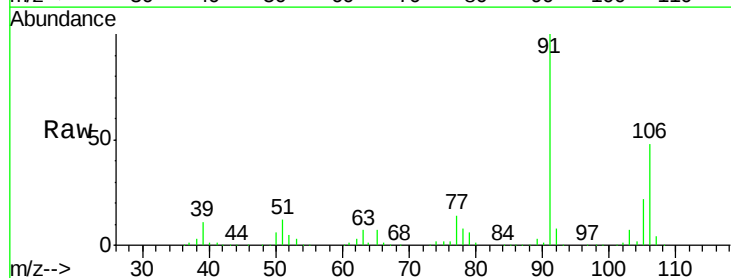
Acq: 04 Apr 2018 20:01

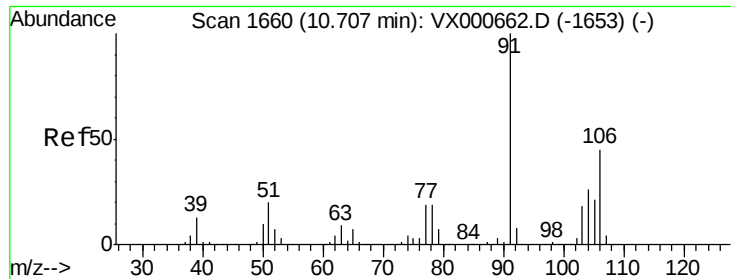
Tgt Ion: 106 Resp: 97715

Ion Ratio Lower Upper

106 100

91 210.9 167.0 250.6

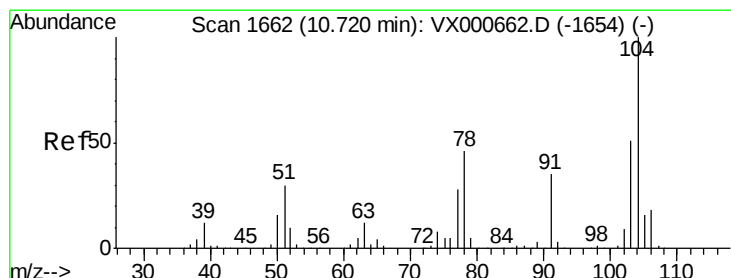
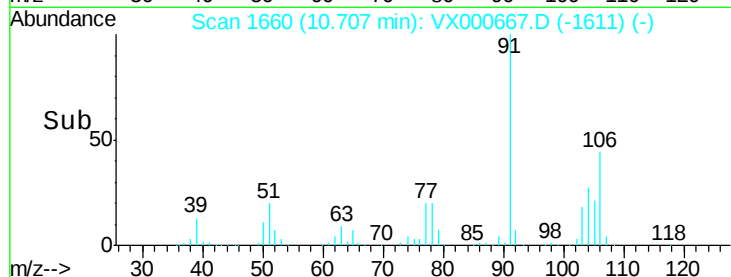
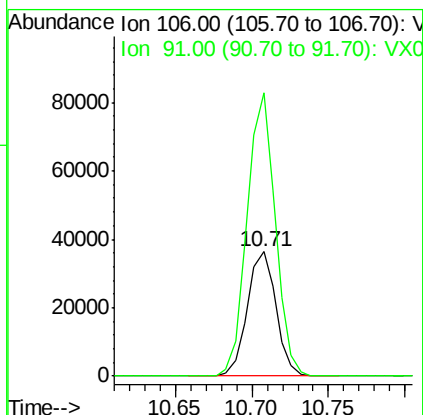
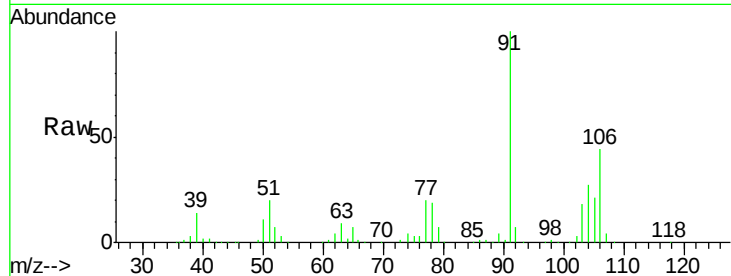




#69
o-Xylene
Concen: 20.08 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

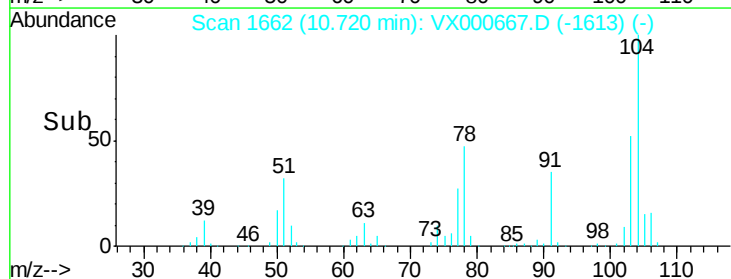
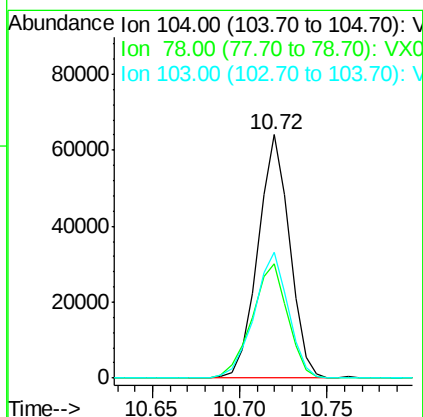
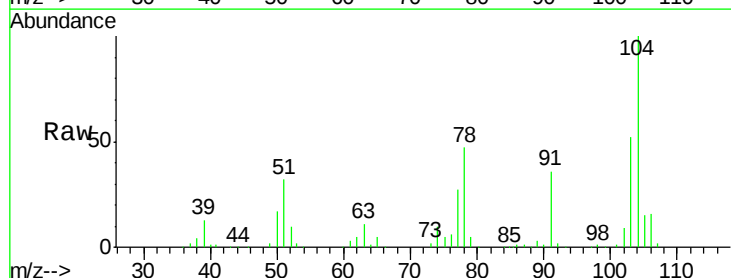
Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

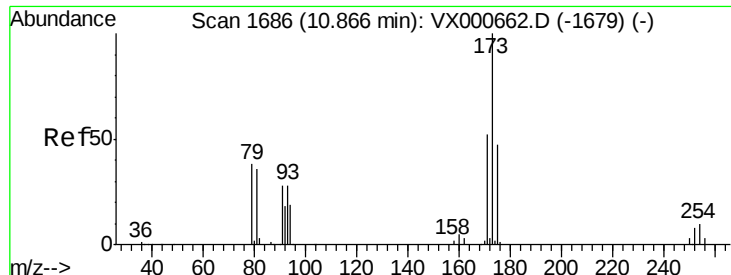
Tgt Ion:106 Resp: 47577
Ion Ratio Lower Upper
106 100
91 222.8 111.6 334.6



#70
Styrene
Concen: 20.23 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion:104 Resp: 80818
Ion Ratio Lower Upper
104 100
78 53.2 41.9 62.9
103 55.7 45.3 67.9

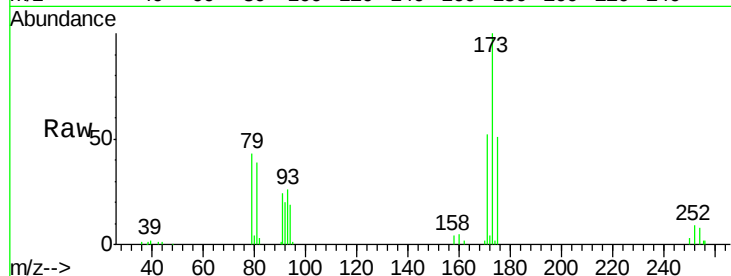




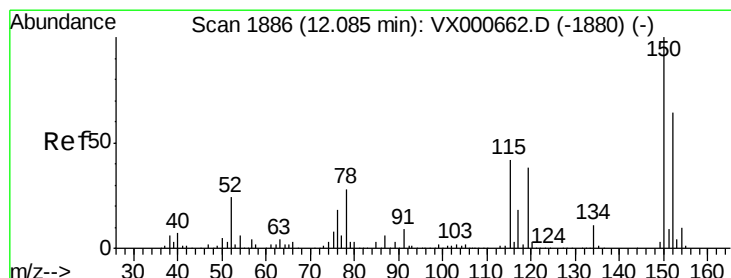
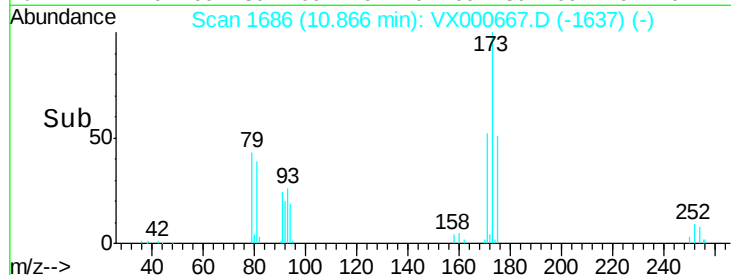
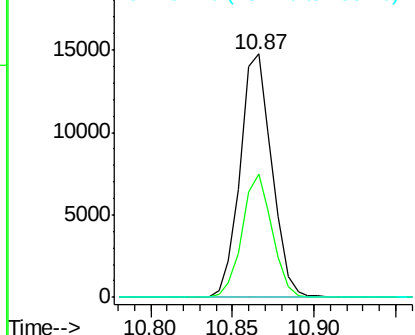
#71
 Bromoform
 Concen: 19.23 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Tgt Ion:173 Resp: 20022
 Ion Ratio Lower Upper
 173 100
 175 47.8 24.0 72.0
 254 0.0 0.0 0.0

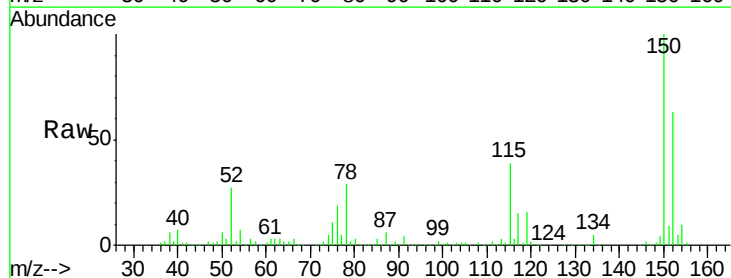


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

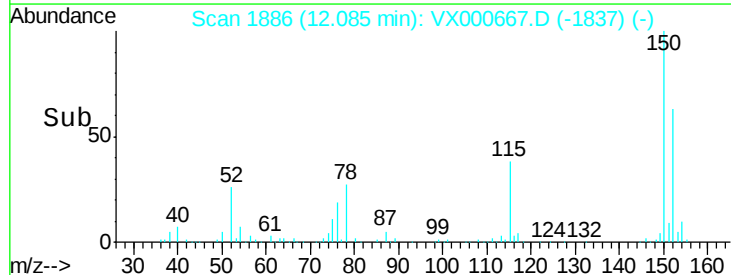
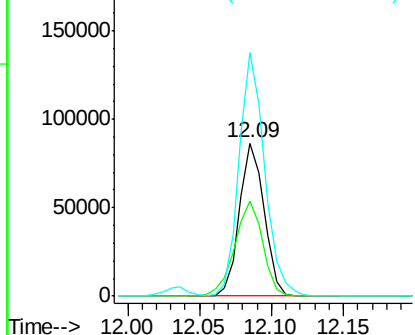


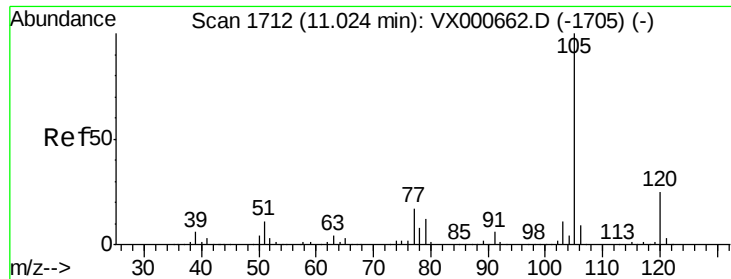
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion:152 Resp: 102874
 Ion Ratio Lower Upper
 152 100
 115 70.7 41.9 125.8
 150 165.2 0.0 348.0



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: 21.25 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

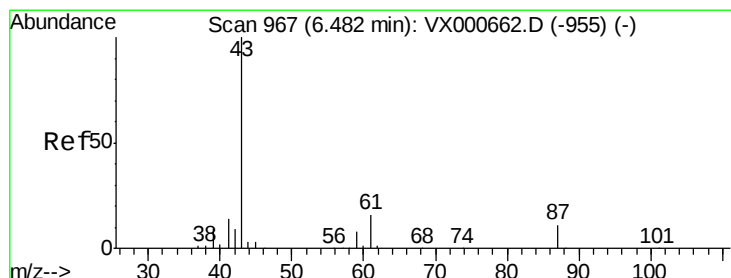
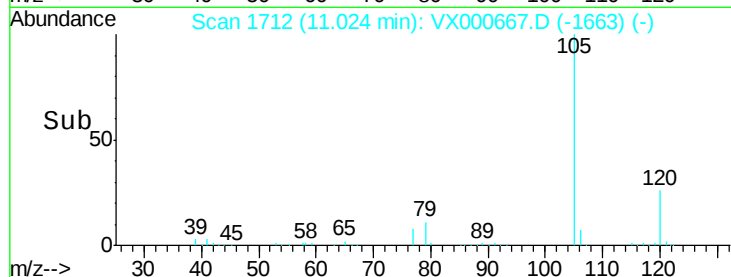
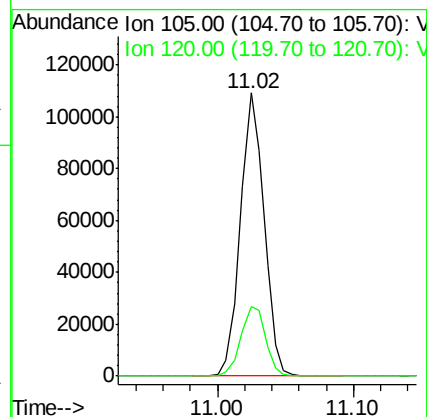
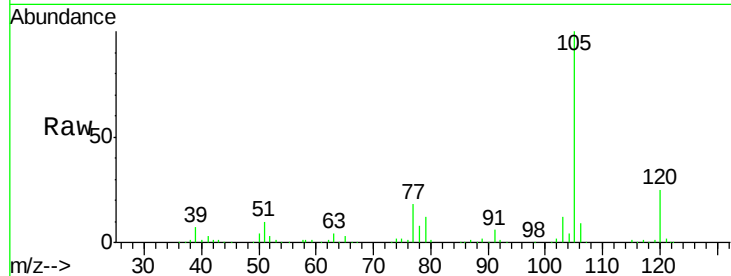
VX0404WBS01

Tgt Ion: 105 Resp: 132142

Ion Ratio Lower Upper

105 100

120 25.7 13.0 38.9



#74

N-ethyl acetate

Concen: 20.64 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Tgt Ion: 43 Resp: 68889

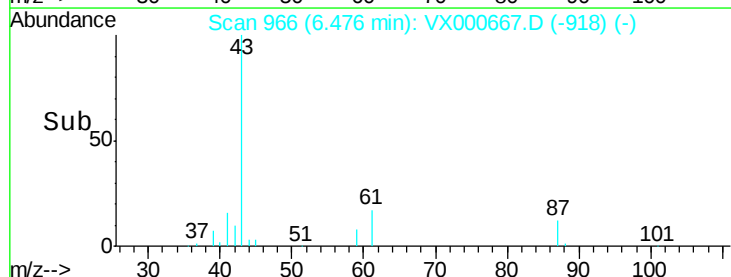
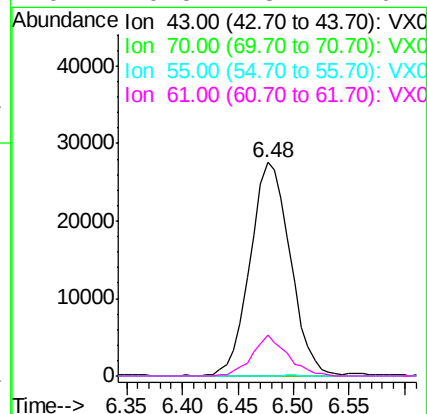
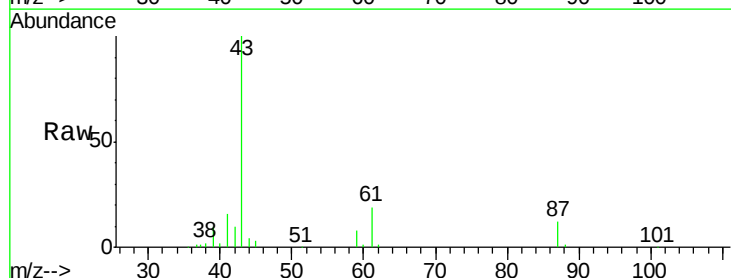
Ion Ratio Lower Upper

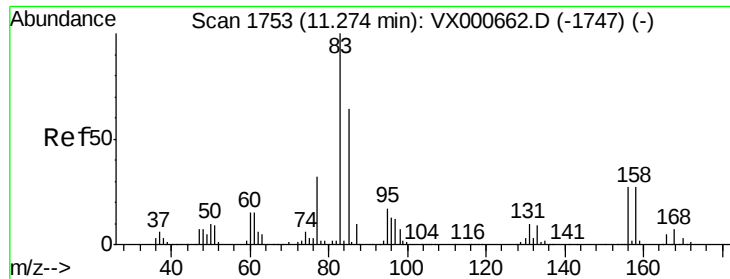
43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 16.8 13.4 20.2

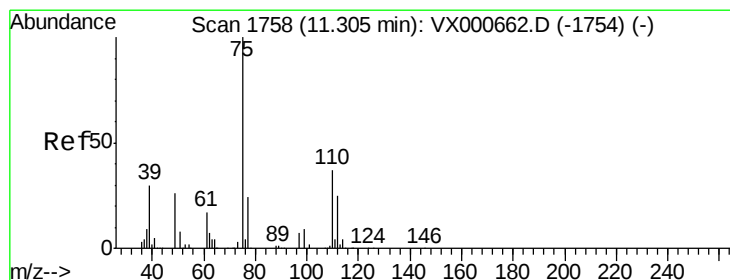
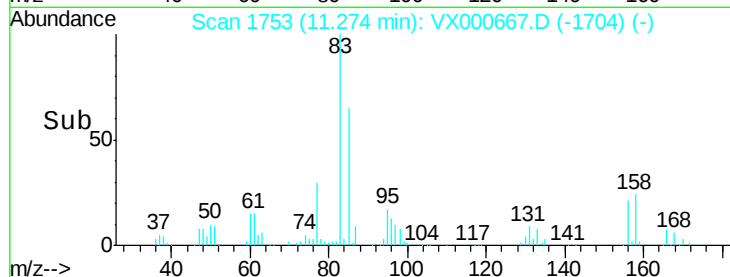
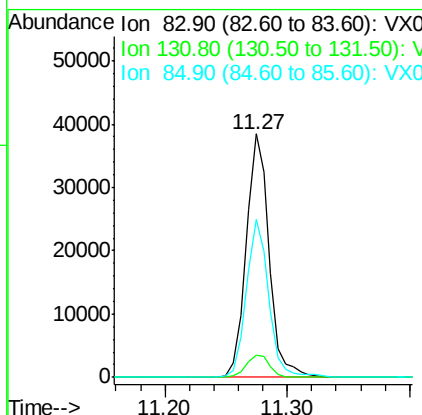
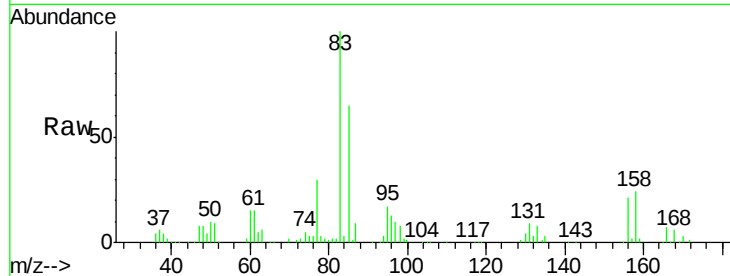




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.04 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

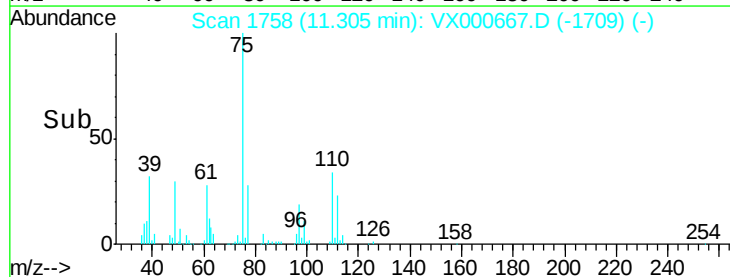
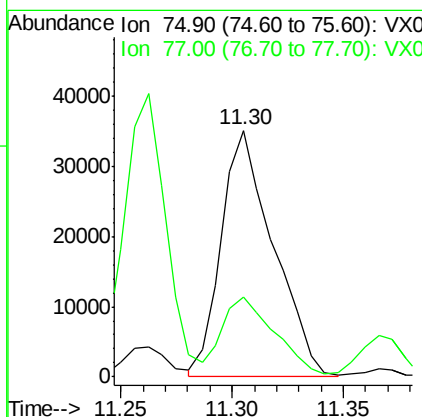
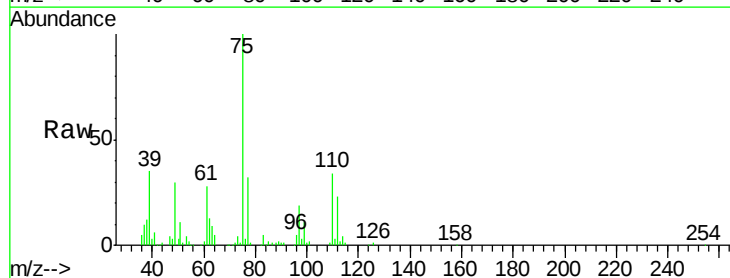
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

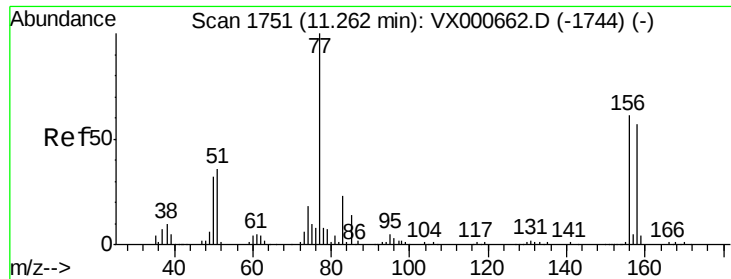
Tgt Ion: 83 Resp: 49801
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.7 14.1
 85 63.6 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 25.47 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion: 75 Resp: 57147
 Ion Ratio Lower Upper
 75 100
 77 32.9 20.2 60.6





#77

Bromobenzene

Concen: 19.79 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

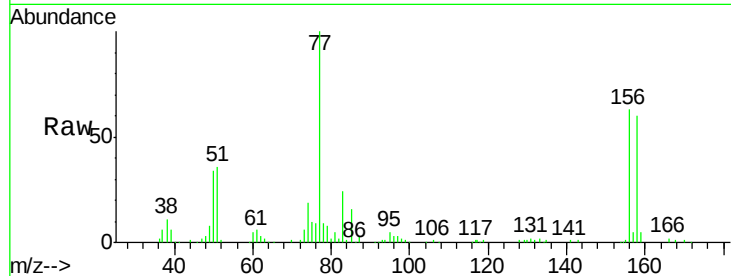
Tgt Ion:156 Resp: 30774

Ion Ratio Lower Upper

156 100

77 171.9 82.3 246.9

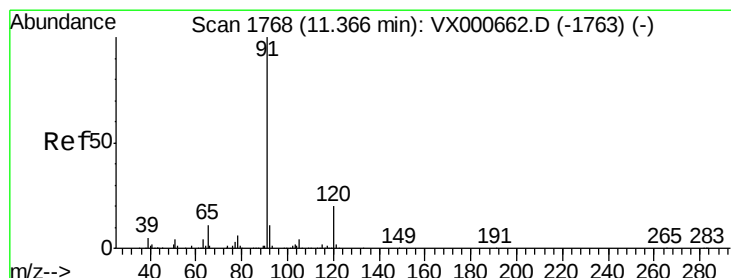
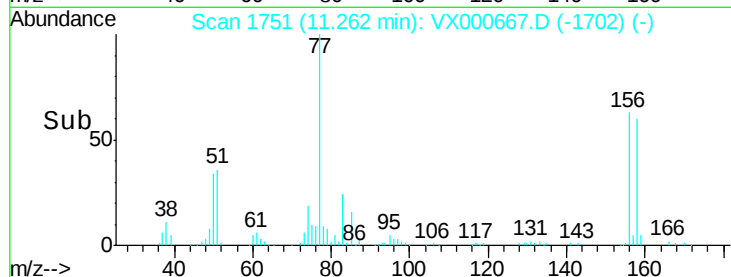
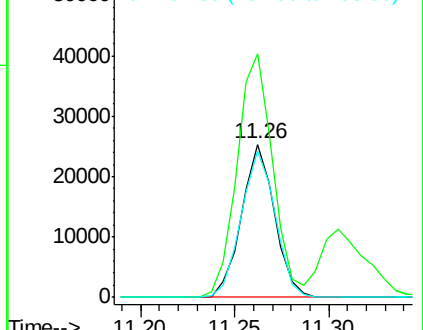
158 98.9 46.9 140.7



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: 21.75 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000667.D

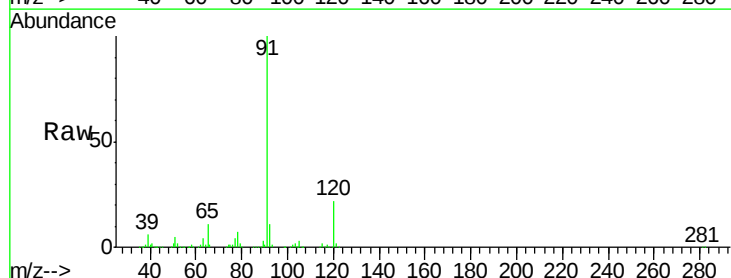
Acq: 04 Apr 2018 20:01

Tgt Ion: 91 Resp: 164953

Ion Ratio Lower Upper

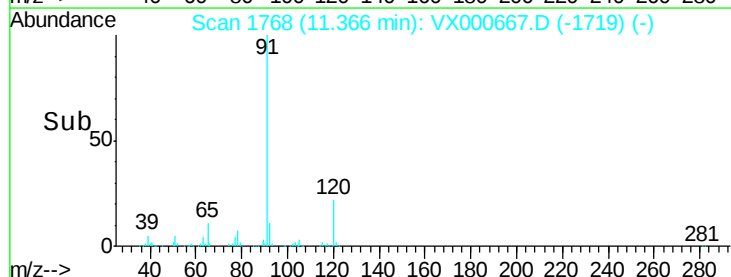
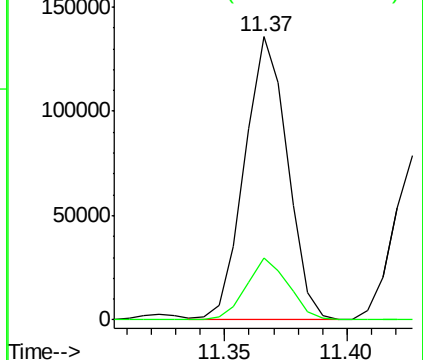
91 100

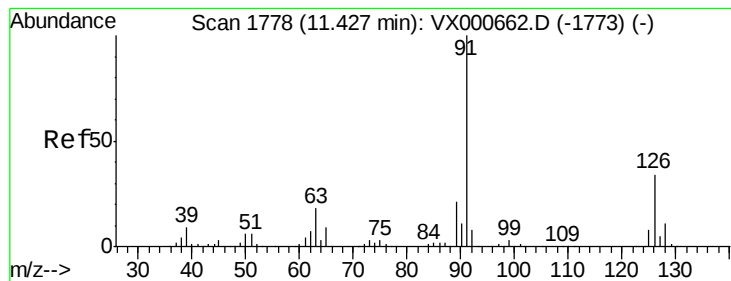
120 21.6 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.48 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

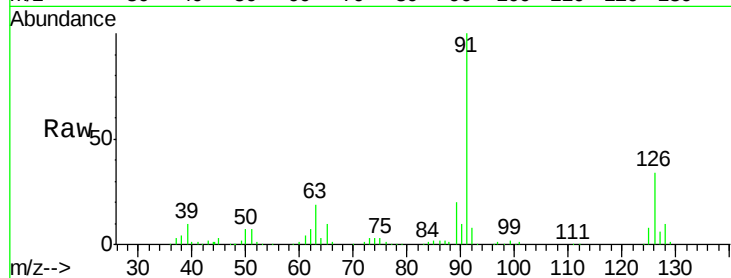
VX0404WBS01

Tgt Ion: 91 Resp: 92523

Ion Ratio Lower Upper

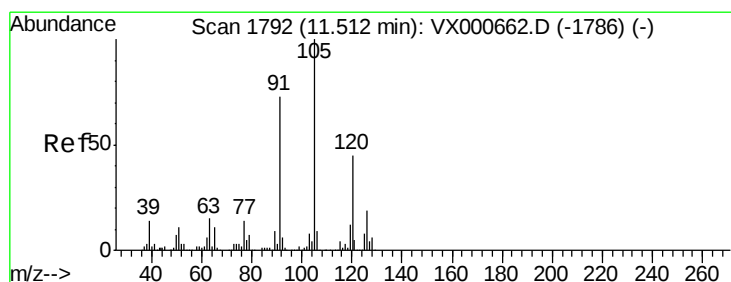
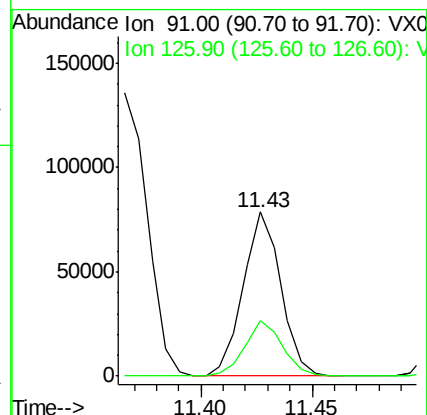
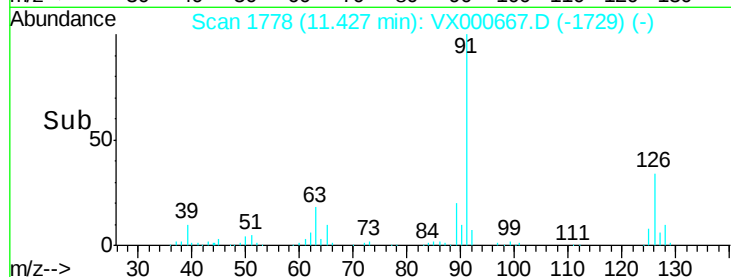
91 100

126 34.0 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.52 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000667.D

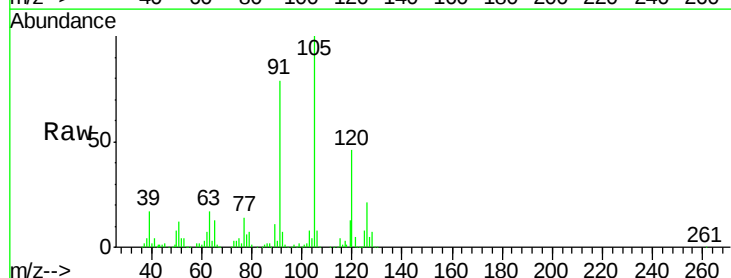
Acq: 04 Apr 2018 20:01

Tgt Ion: 105 Resp: 114296

Ion Ratio Lower Upper

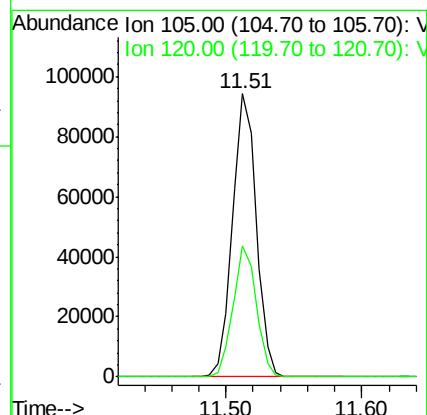
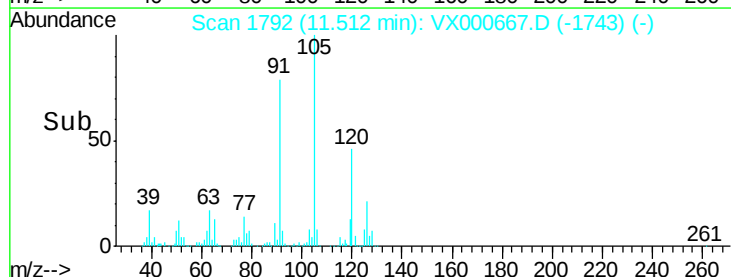
105 100

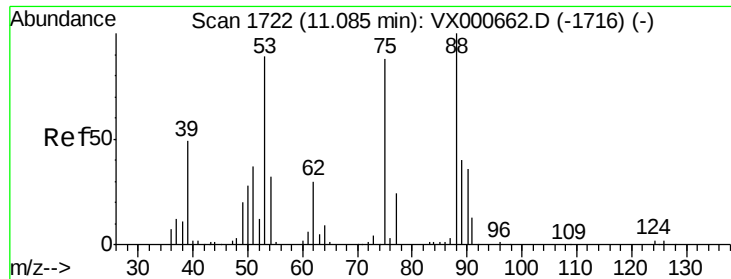
120 45.4 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

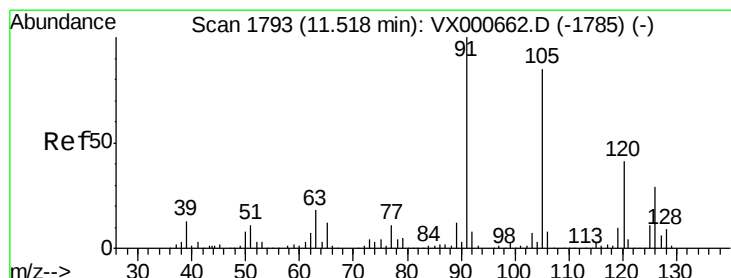
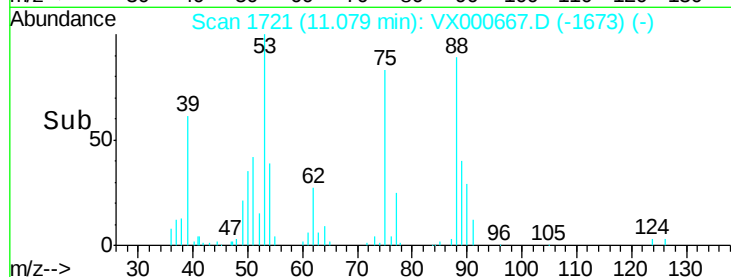
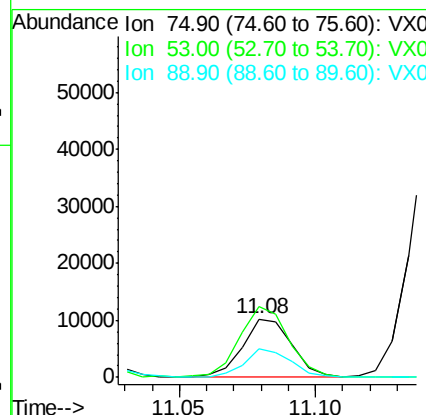
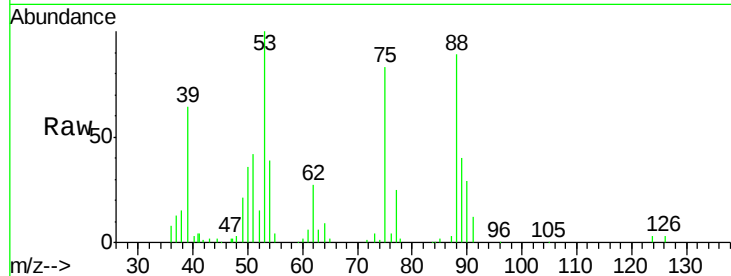




#81
trans-1,4-Dichloro-2-butene
Concen: 20.58 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

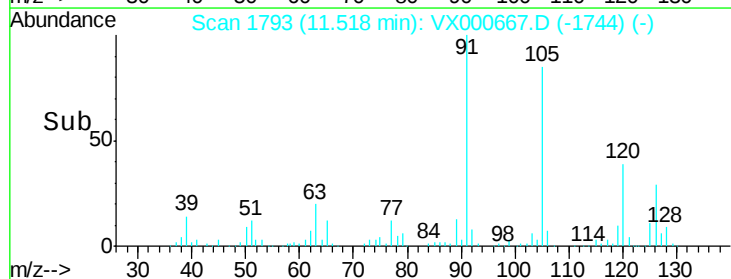
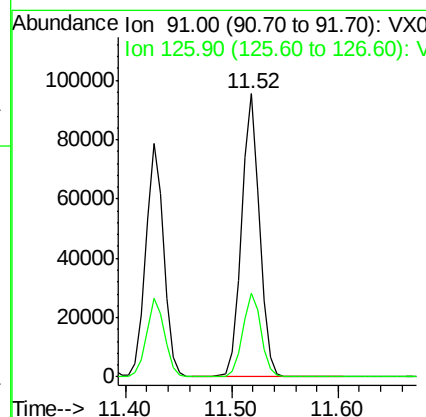
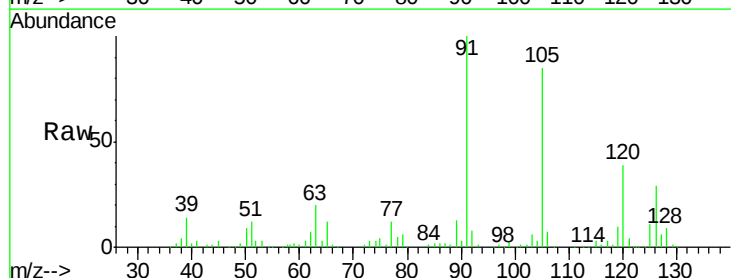
Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

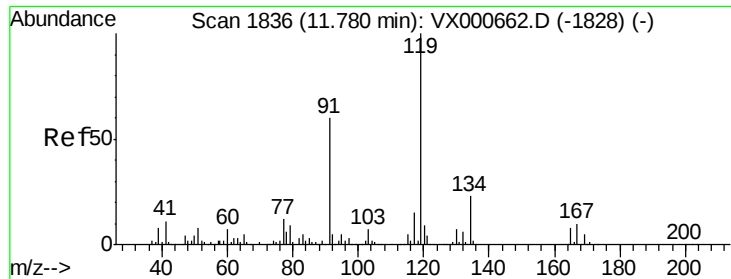
Tgt Ion: 75 Resp: 12880
Ion Ratio Lower Upper
75 100
53 120.6 85.7 128.5
89 45.8 36.3 54.5



#82
4-Chlorotoluene
Concen: 21.02 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion: 91 Resp: 113341
Ion Ratio Lower Upper
91 100
126 30.0 14.8 44.3

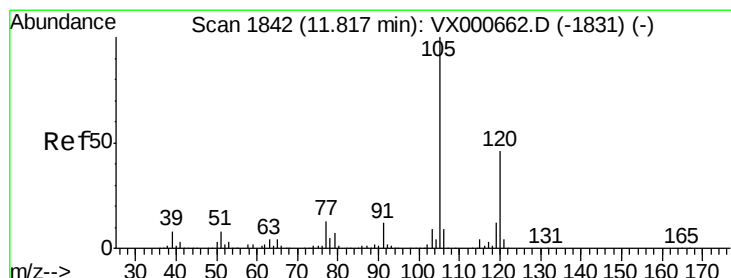
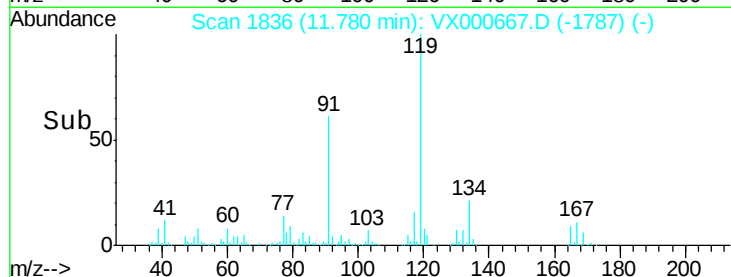
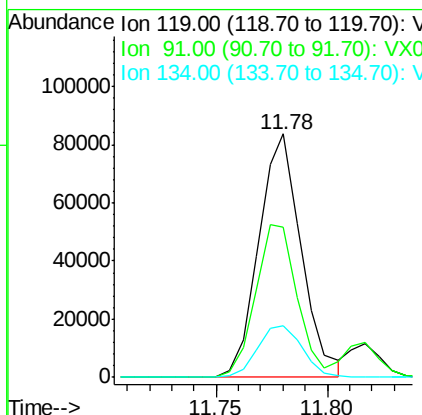
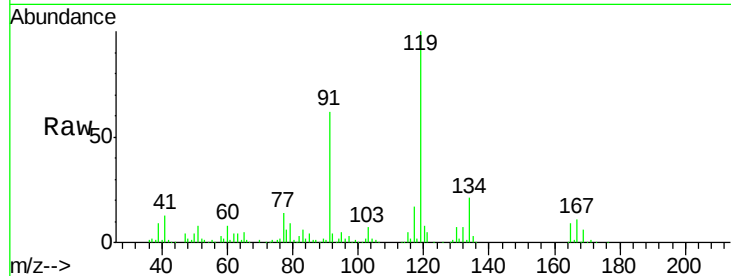




#83
 tert-Butylbenzene
 Concen: 21.40 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

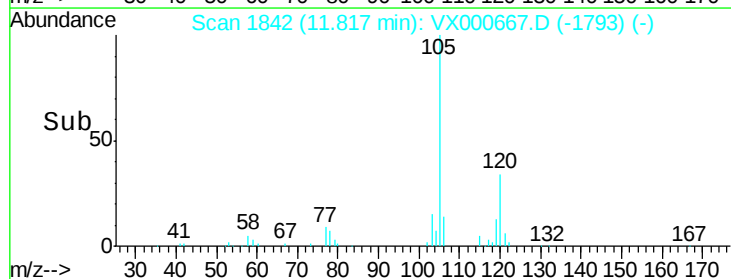
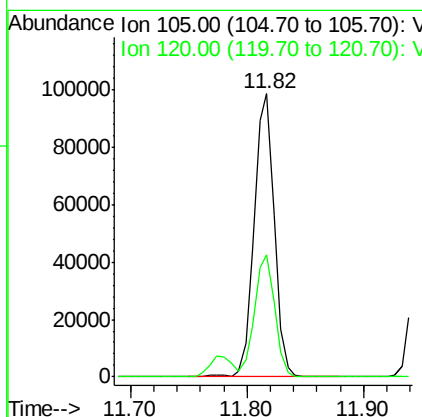
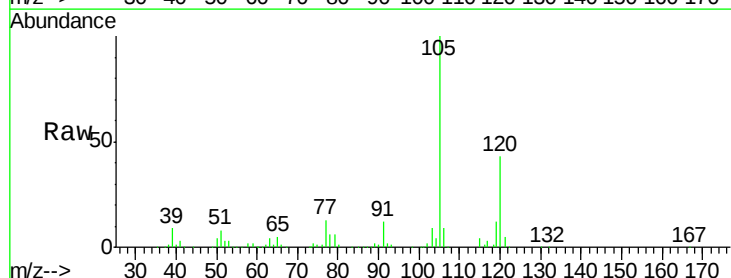
Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBS01

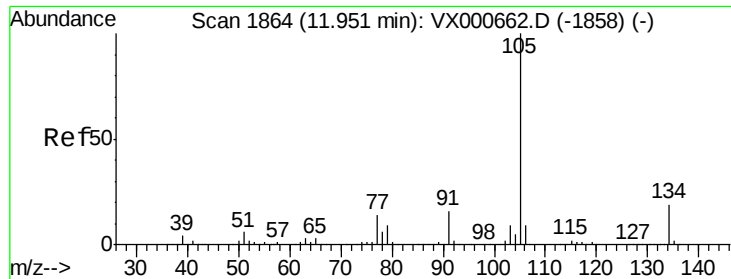
Tgt Ion:119 Resp: 110800
 Ion Ratio Lower Upper
 119 100
 91 61.6 30.9 92.8
 134 22.3 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.46 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion:105 Resp: 119224
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.6 65.0





#85

sec-Butylbenzene

Concen: 21.78 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

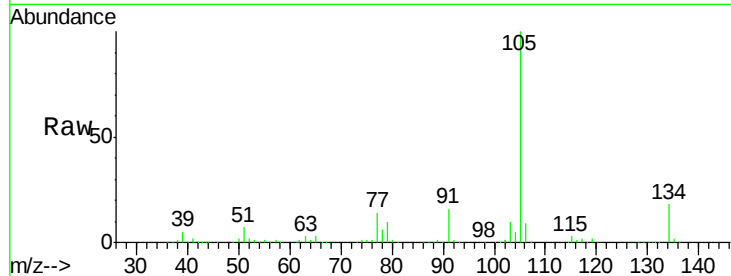
VX0404WBS01

Tgt Ion:105 Resp: 143257

Ion Ratio Lower Upper

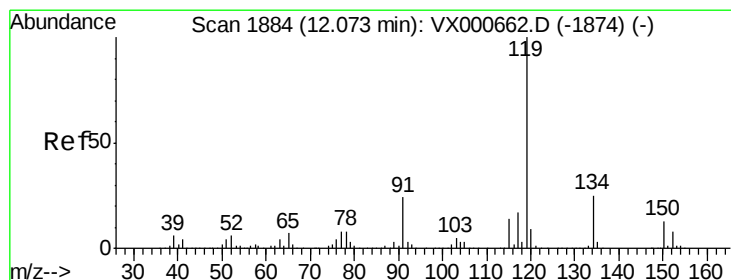
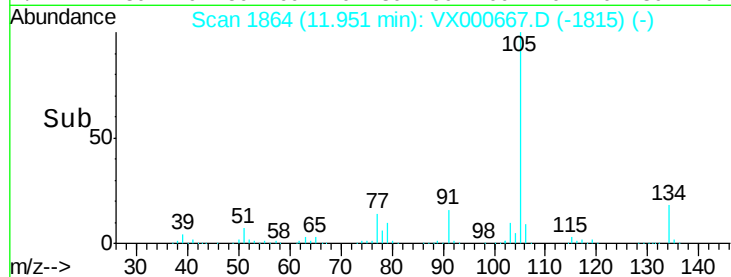
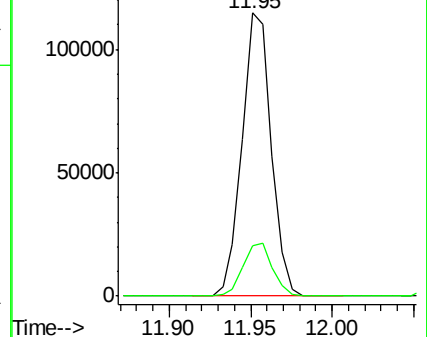
105 100

134 18.9 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.84 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

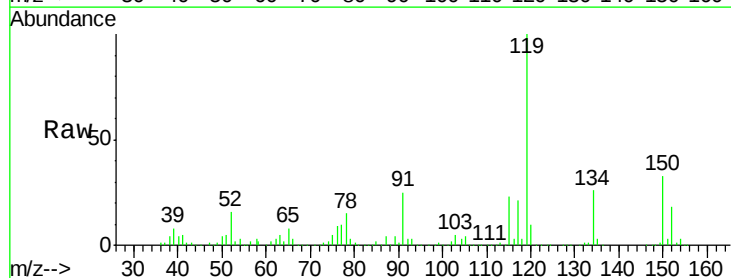
Tgt Ion:119 Resp: 125043

Ion Ratio Lower Upper

119 100

134 24.9 12.9 38.6

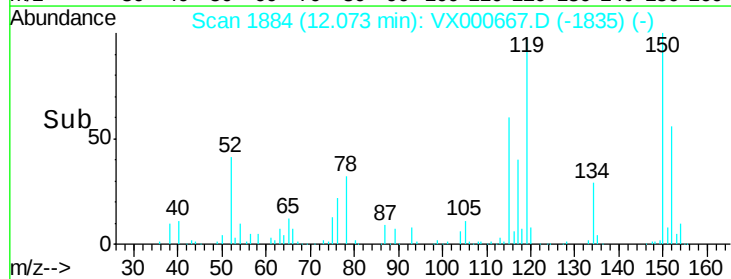
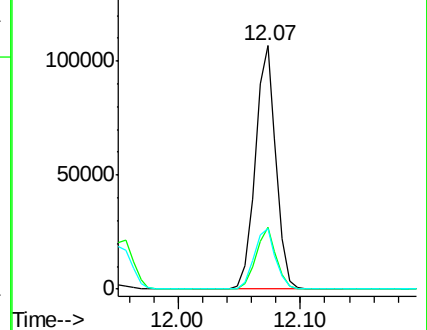
91 26.0 12.6 37.6

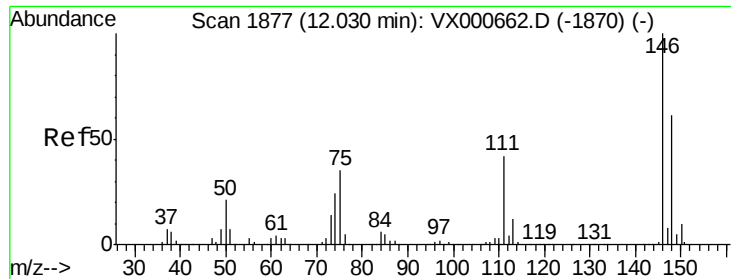


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

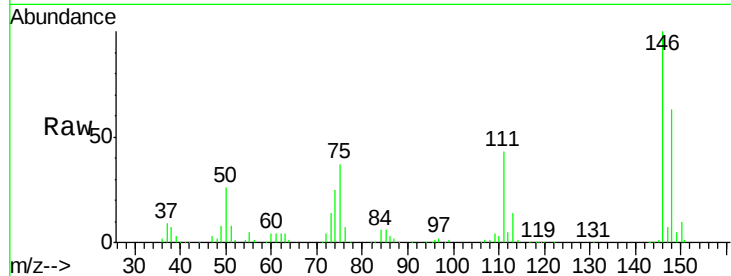




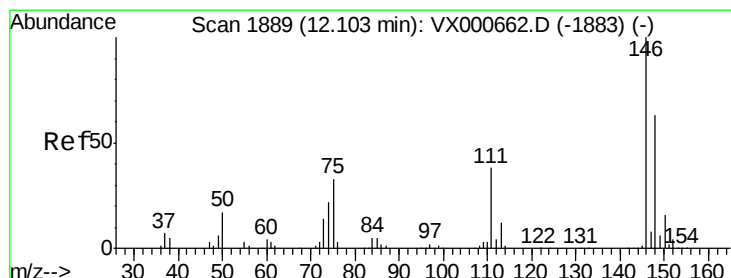
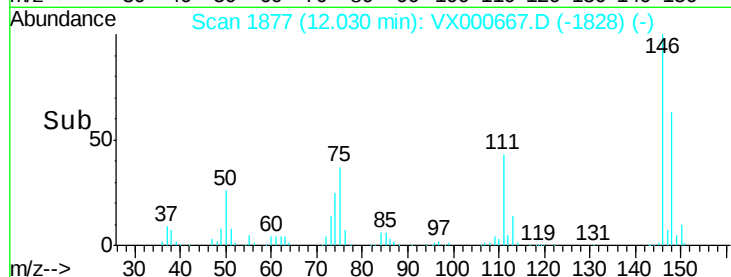
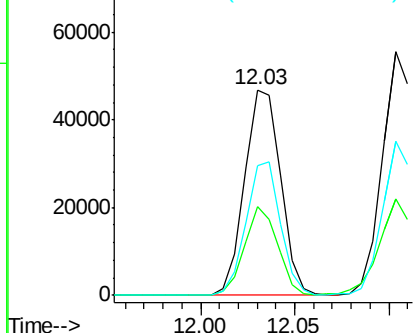
#87
 1,3-Dichlorobenzene
 Concen: 20.54 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Tgt Ion:146 Resp: 62223
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.2 60.6
 148 62.1 31.0 93.0

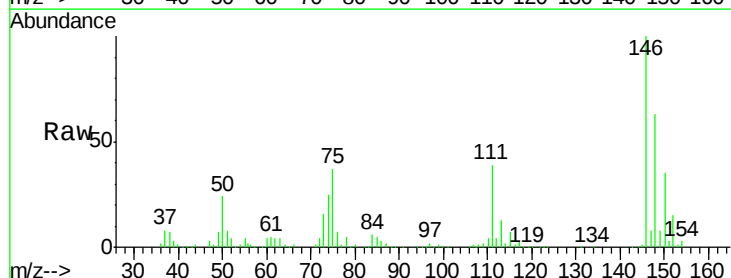


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

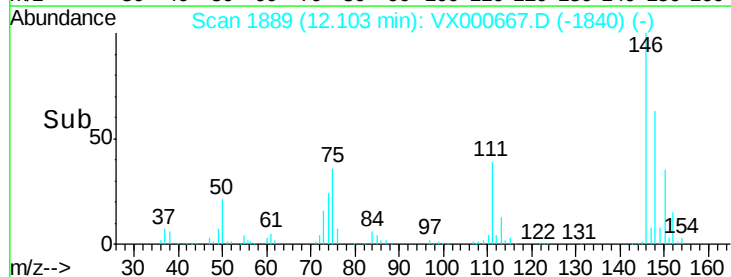
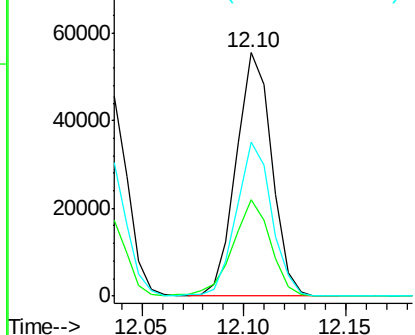


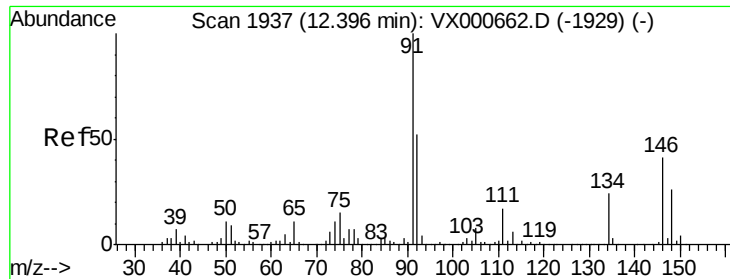
#88
 1,4-Dichlorobenzene
 Concen: 20.33 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion:146 Resp: 67378
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.1 60.3
 148 62.6 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.26 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

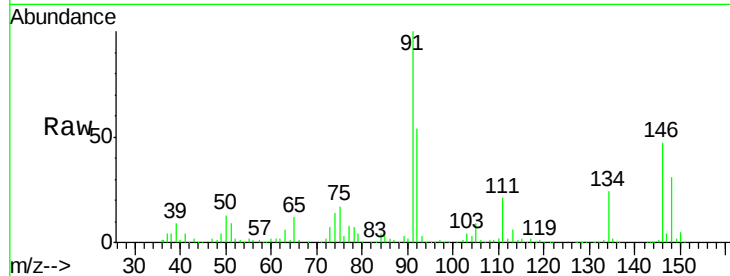
Tgt Ion: 91 Resp: 124151

Ion Ratio Lower Upper

91 100

92 51.7 25.9 77.8

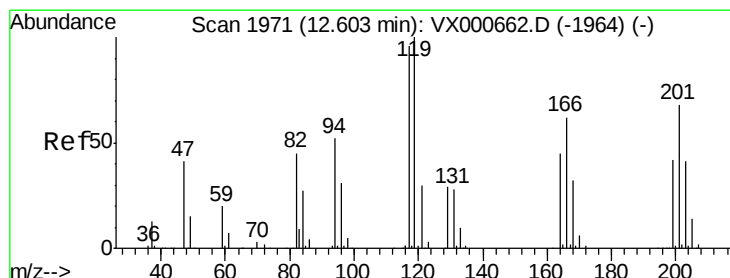
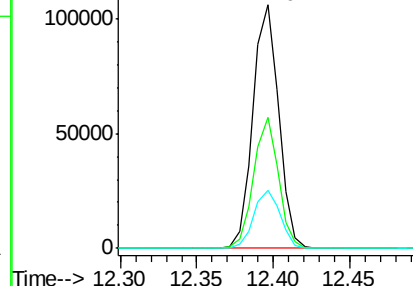
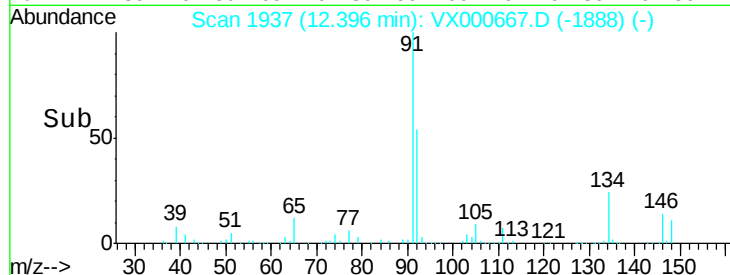
134 24.3 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.63 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000667.D

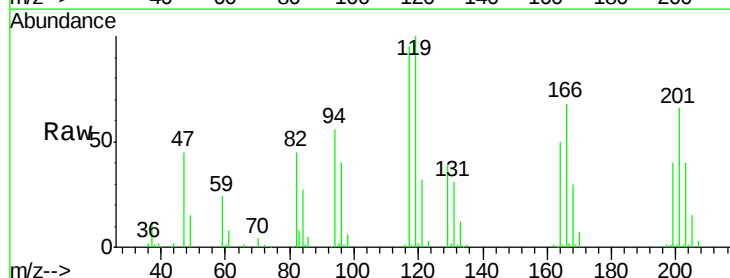
Acq: 04 Apr 2018 20:01

Tgt Ion: 117 Resp: 19089

Ion Ratio Lower Upper

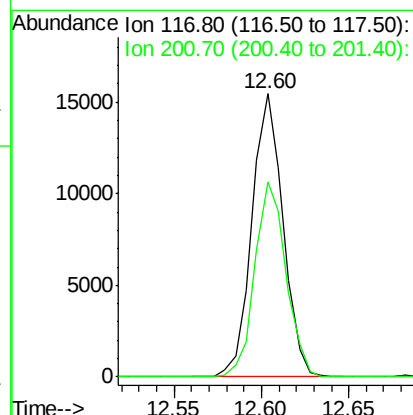
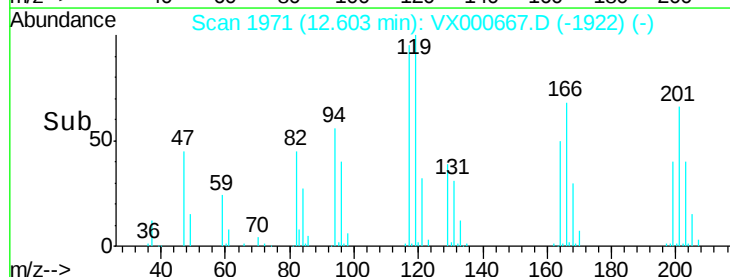
117 100

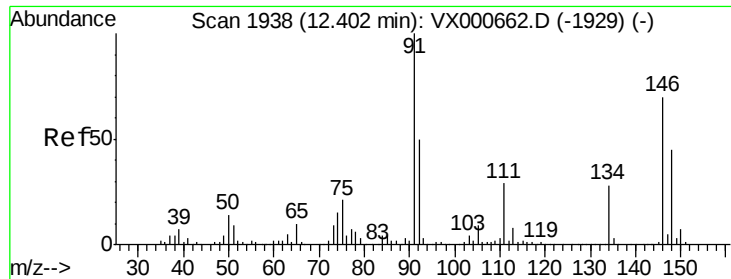
201 68.9 33.9 101.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

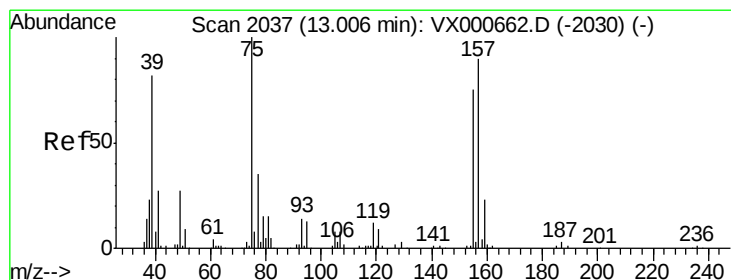
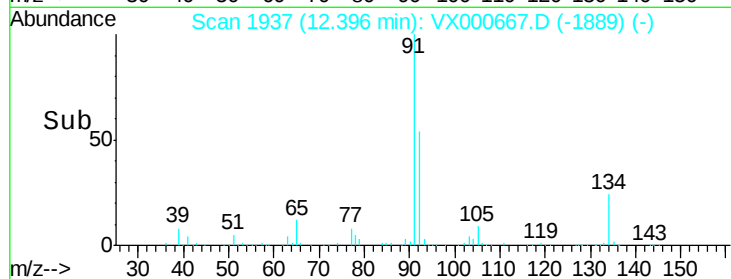
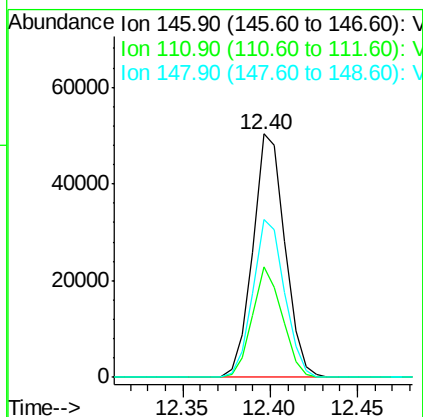
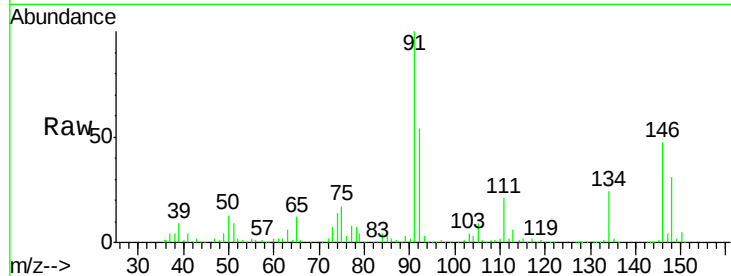




#91
 1,2-Dichlorobenzene
 Concen: 20.29 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

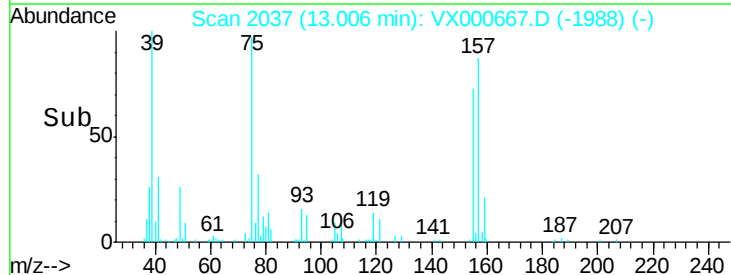
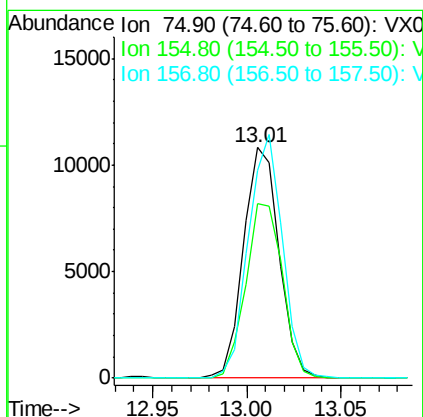
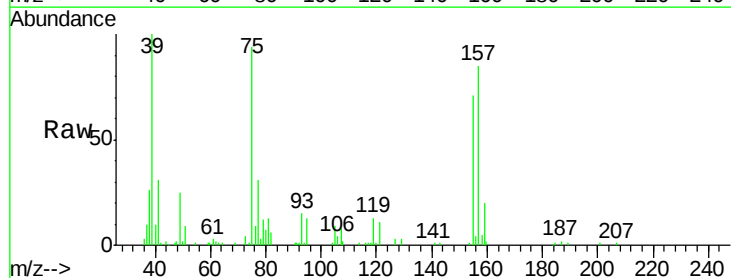
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

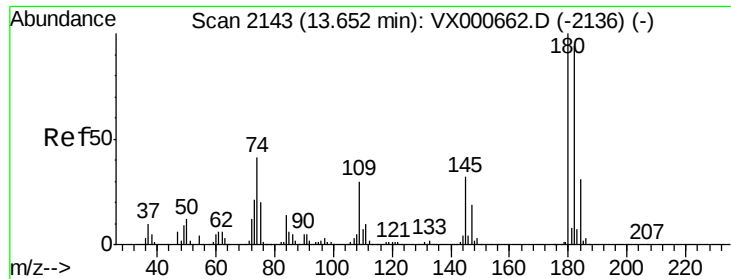
Tgt Ion:146 Resp: 64108
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.3 63.7
 148 64.2 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.01 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion: 75 Resp: 14195
 Ion Ratio Lower Upper
 75 100
 155 77.9 38.9 116.7
 157 100.7 49.1 147.3

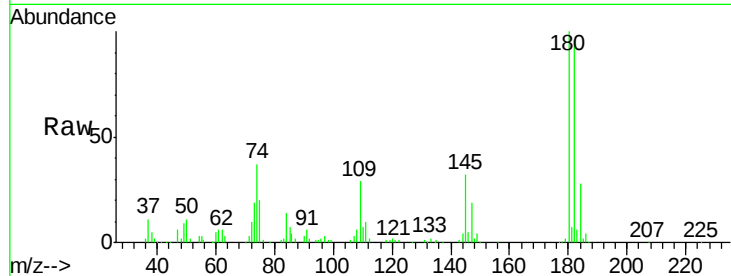




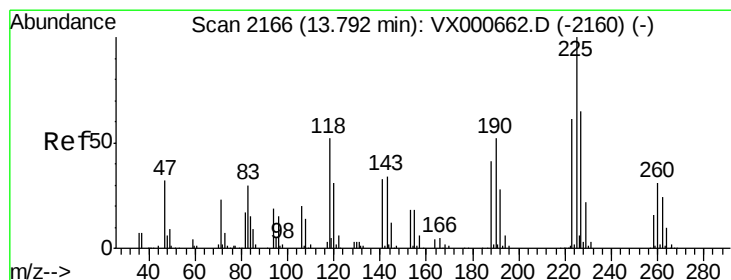
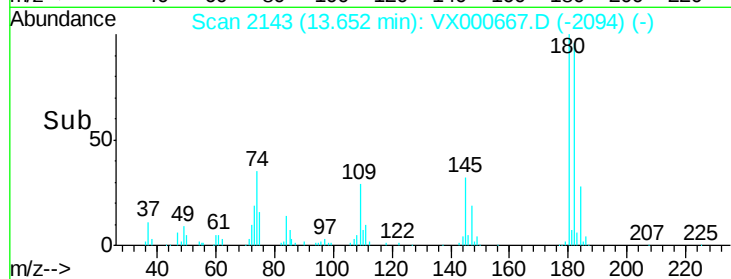
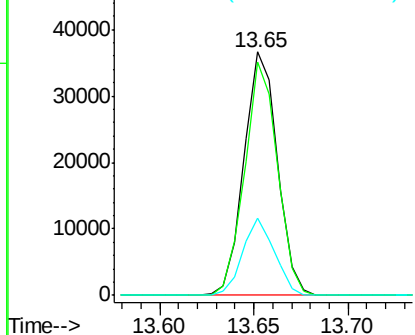
#93
 1,2,4-Trichlorobenzene
 Concen: 21.17 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Tgt Ion:180 Resp: 45030
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.4 142.2
 145 30.1 14.8 44.3

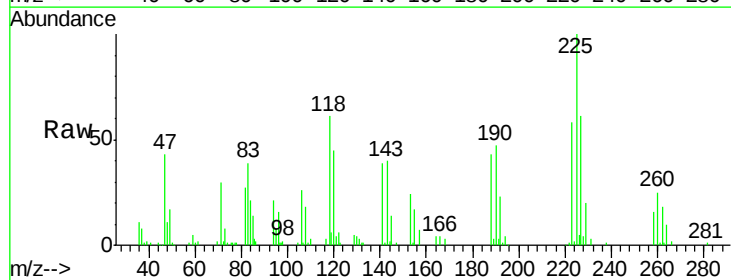


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

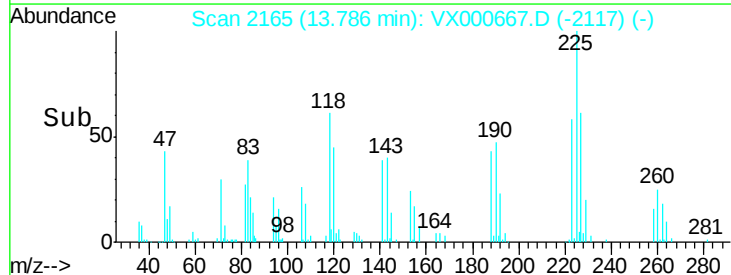
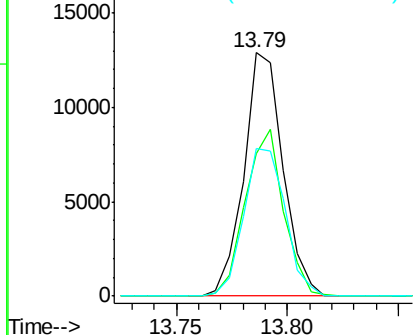


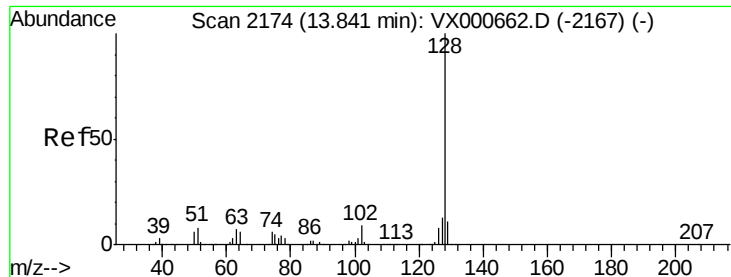
#94
 Hexachlorobutadiene
 Concen: 19.46 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion:225 Resp: 15852
 Ion Ratio Lower Upper
 225 100
 223 66.7 31.4 94.0
 227 64.4 32.7 98.1



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

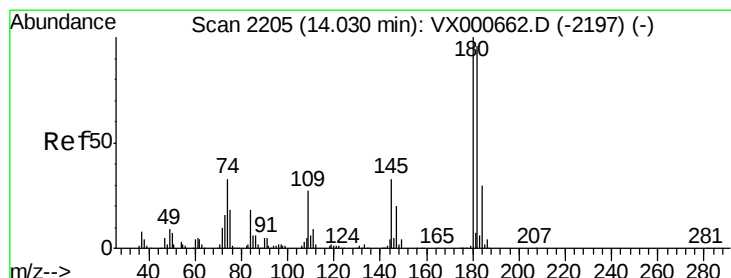
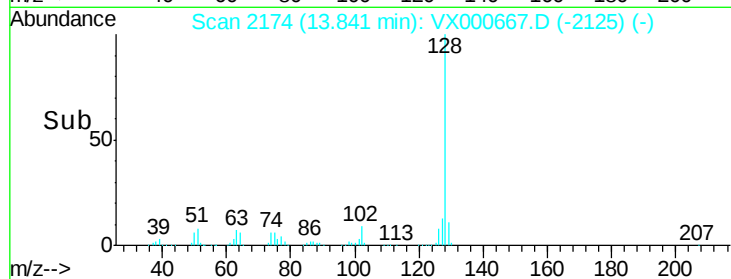
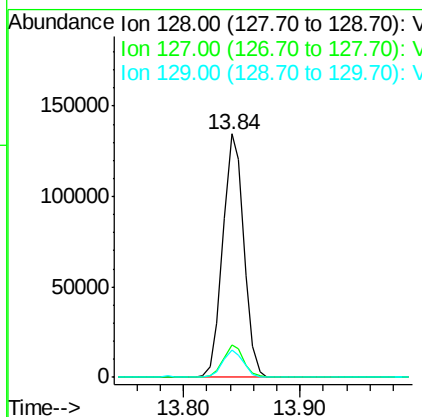
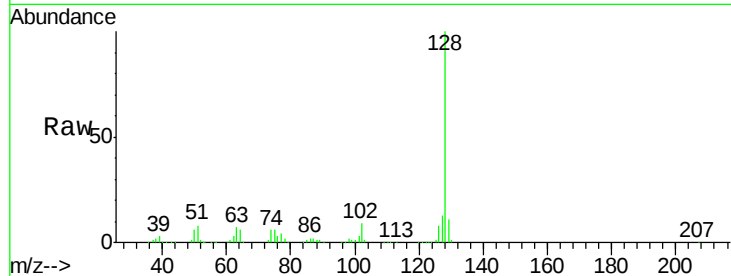




#95
Naphthalene
Concen: 21.62 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tgt Ion:128 Resp: 167387
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.62 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion:180 Resp: 44135
Ion Ratio Lower Upper
180 100
182 95.4 47.2 141.6
145 32.5 16.8 50.4

