

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000661.D
 Acq On : 04 Apr 2018 16:53
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 05 02:08:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 02:06:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	90117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	162107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	163904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	94135	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	30947	25.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.52%	
35) Dibromofluoromethane	5.51	113	22213	21.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.22%	
50) Toluene-d8	8.73	98	88554	20.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.98%	
62) 4-Bromofluorobenzene	11.15	95	33415	19.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	25719	25.20	ug/l	93
3) Chloromethane	1.32	50	21833	21.13	ug/l	99
4) Vinyl Chloride	1.40	62	30112	26.39	ug/l	96
5) Bromomethane	1.64	94	26806	19.61	ug/l	94
6) Chloroethane	1.73	64	20555	23.96	ug/l	92
7) Trichlorofluoromethane	1.93	101	51300	25.07	ug/l	99
8) Diethyl Ether	2.20	74	19635	26.64	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27312	23.96	ug/l	99
10) Methyl Iodide	2.51	142	11799	12.89	ug/l	99
11) Tert butyl alcohol	3.07	59	62345	144.02	ug/l	100
12) 1,1-Dichloroethene	2.38	96	23965	24.10	ug/l	99
13) Acrolein	2.30	56	36839	211.20	ug/l	98
14) Allyl chloride	2.73	41	50363	25.82	ug/l	98
15) Acrylonitrile	3.15	53	119569	138.63	ug/l	100
16) Acetone	2.45	43	132374	131.69	ug/l	99
17) Carbon Disulfide	2.57	76	56719	20.03	ug/l	99
18) Methyl Acetate	2.78	43	60552	28.05	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	95006	25.54	ug/l	93
20) Methylene Chloride	2.86	84	27829	24.08	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	26126	23.58	ug/l	91
22) Diisopropyl ether	3.88	45	64518	21.04	ug/l	98
23) Vinyl Acetate	3.83	43	327451	114.99	ug/l	100
24) 1,1-Dichloroethane	3.70	63	53208	27.13	ug/l	96
25) 2-Butanone	4.71	43	137264	123.54	ug/l	91
26) 2,2-Dichloropropane	4.59	77	26310	20.11	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	22133	22.08	ug/l	96
28) Bromochloromethane	5.03	49	19533	24.79	ug/l	97
29) Tetrahydrofuran	5.18	42	87112	126.97	ug/l	99
30) Chloroform	5.23	83	41069	23.03	ug/l	96
31) Cyclohexane	5.58	56	30545	20.93	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	35084	21.93	ug/l	98
36) 1,1-Dichloropropene	5.81	75	29741	19.82	ug/l	100
37) Ethyl Acetate	4.87	43	46784	22.63	ug/l	99
38) Carbon Tetrachloride	5.79	117	28634	18.44	ug/l	91

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 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 02:06:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	31596	17.56	ug/l	88
40) Benzene	6.15	78	86882	20.04	ug/l	97
41) Methacrylonitrile	5.07	41	24412	22.09	ug/l	99
42) 1,2-Dichloroethane	6.21	62	36779	21.31	ug/l	99
43) Isopropyl Acetate	6.48	43	66478	21.45	ug/l	100
44) Trichloroethene	7.22	130	23716	19.13	ug/l	91
45) 1,2-Dichloropropane	7.52	63	23917	21.41	ug/l	98
46) Dibromomethane	7.67	93	17923	20.50	ug/l	96
47) Bromodichloromethane	7.91	83	32104	20.78	ug/l	99
48) Methyl methacrylate	7.79	41	33946	22.55	ug/l	97
49) 1,4-Dioxane	7.76	88	14341	449.36	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	274536	112.91	ug/l	98
52) Toluene	8.79	92	57363	18.82	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	34714	19.43	ug/l	93
54) cis-1,3-Dichloropropene	9.05	75	33978	19.57	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	25304	20.10	ug/l	94
56) Ethyl methacrylate	9.19	69	37403	19.53	ug/l	94
57) 1,3-Dichloropropane	9.38	76	41905	20.70	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	96467	107.97	ug/l	99
59) 2-Hexanone	9.51	43	233530	112.58	ug/l	98
60) Dibromochloromethane	9.59	129	25595	20.03	ug/l	94
61) 1,2-Dibromoethane	9.68	107	26504	19.69	ug/l	100
64) Tetrachloroethene	9.34	164	23044	18.66	ug/l	93
65) Chlorobenzene	10.15	112	67674	18.93	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.23	131	22809	19.05	ug/l	97
67) Ethyl Benzene	10.26	91	123298	20.23	ug/l	99
68) m/p-Xylenes	10.37	106	93273	39.01	ug/l	95
69) o-Xylene	10.71	106	45322	19.64	ug/l	95
70) Styrene	10.72	104	73951	19.30	ug/l	98
71) Bromoform	10.87	173	18110	16.98	ug/l	# 100
73) Isopropylbenzene	11.02	105	122126	20.16	ug/l	100
74) N-amyl acetate	6.48	43	66478	21.78	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	46095	21.33	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	54209	27.26	ug/l	85
77) Bromobenzene	11.26	156	28914	17.96	ug/l	97
78) n-propylbenzene	11.37	91	150184	20.57	ug/l	100
79) 2-Chlorotoluene	11.43	91	85207	20.24	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	102867	20.08	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	12082	19.96	ug/l	89
82) 4-Chlorotoluene	11.52	91	102358	20.18	ug/l	99
83) tert-Butylbenzene	11.78	119	99557	19.38	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	109311	20.35	ug/l	100
85) sec-Butylbenzene	11.95	105	131451	20.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	111349	19.59	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	57950	18.96	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	60370	18.72	ug/l	98
89) n-Butylbenzene	12.40	91	111072	20.71	ug/l	99
90) Hexachloroethane	12.60	117	18287	20.64	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	57627	19.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13752	22.58	ug/l	97

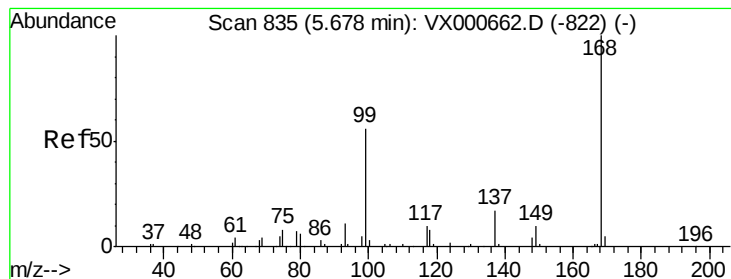
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Quant Title : SW846 8260
QLast Update : Thu Apr 05 02:06:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	41570	19.36	ug/l	98
94) Hexachlorobutadiene	13.79	225	14656	16.77	ug/l	99
95) Naphthalene	13.84	128	152782	20.41	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	41013	19.41	ug/l	98

(#) = 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: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

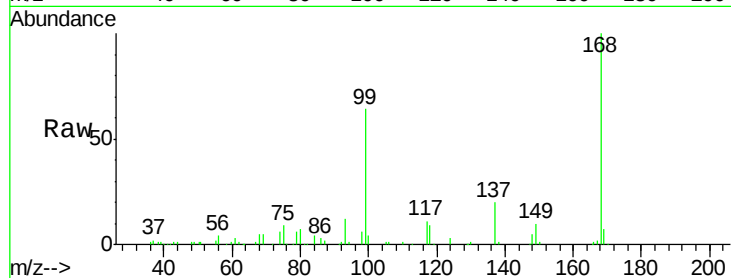
VSTDIC020

Tot Ion:168 Resp: 90117

Ion Ratio Lower Upper

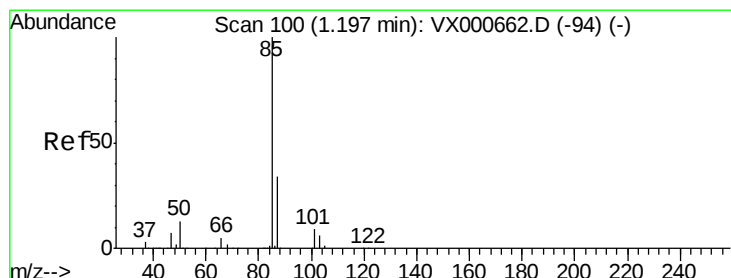
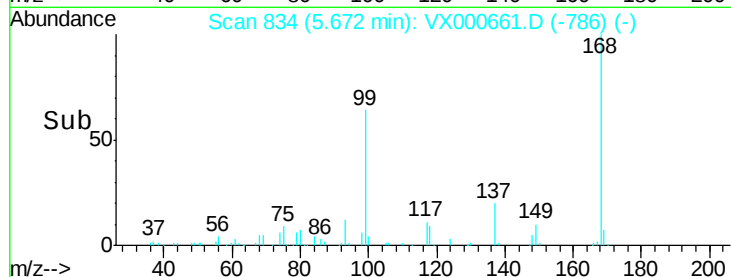
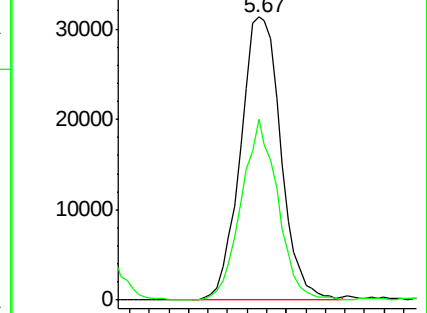
168 100

99 63.9 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: 25.20 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000661.D

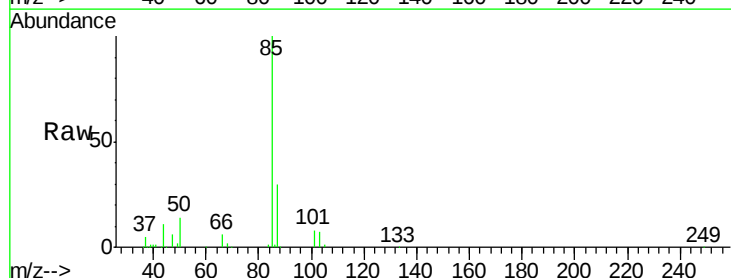
Acq: 04 Apr 2018 16:53

Tgt Ion: 85 Resp: 25719

Ion Ratio Lower Upper

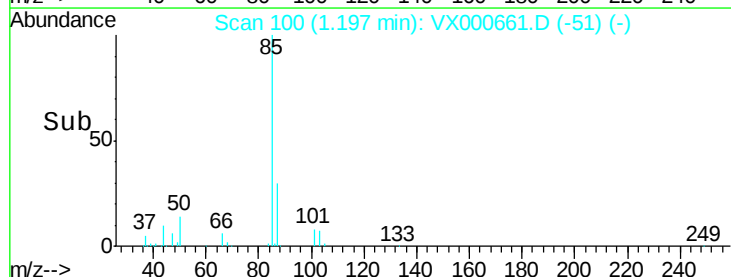
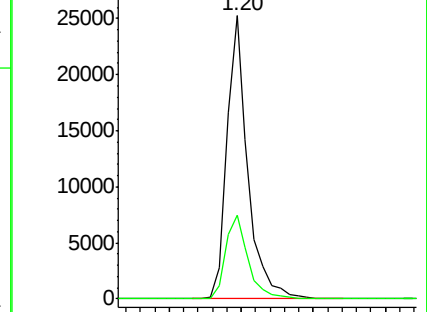
85 100

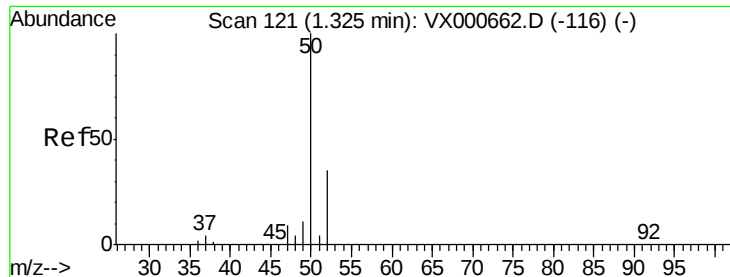
87 29.8 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.13 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

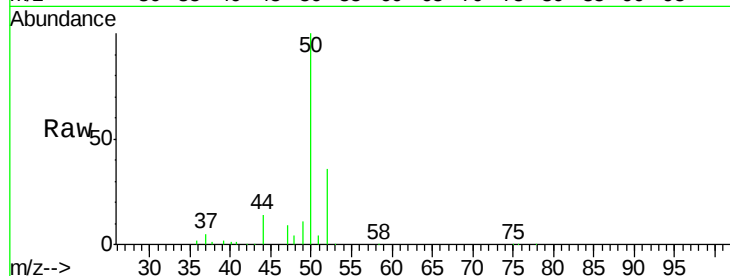
VSTDIC020

Tot Ion: 50 Resp: 21833

Ion Ratio Lower Upper

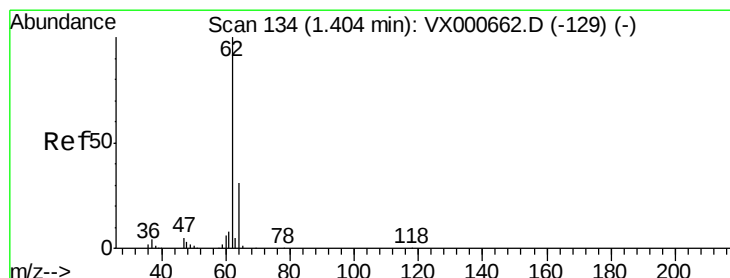
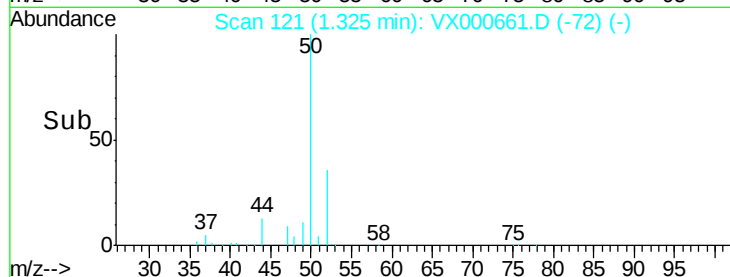
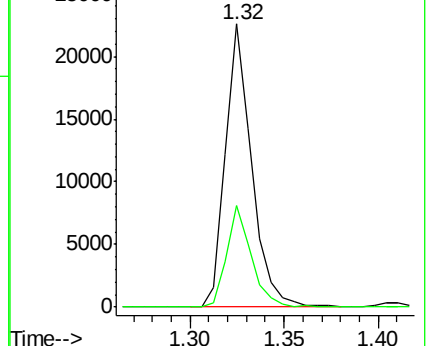
50 100

52 35.7 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: 26.39 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000661.D

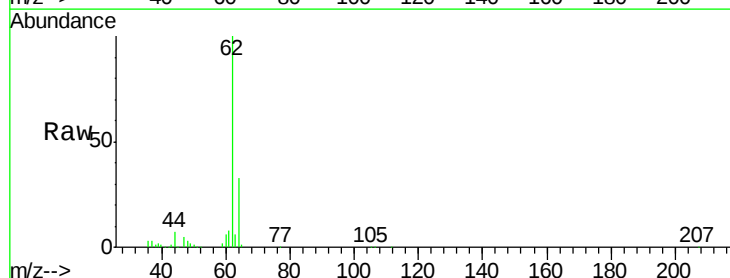
Acq: 04 Apr 2018 16:53

Tgt Ion: 62 Resp: 30112

Ion Ratio Lower Upper

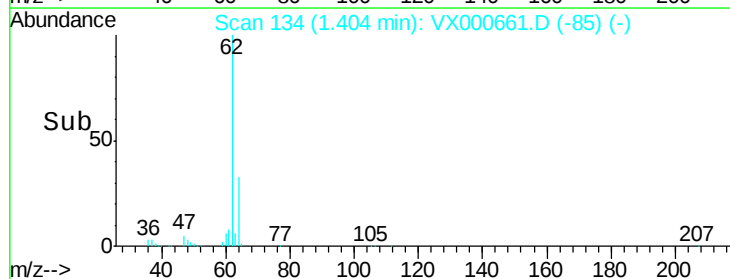
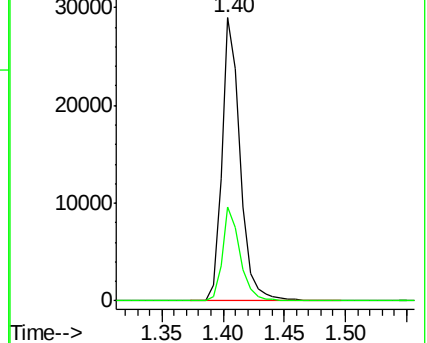
62 100

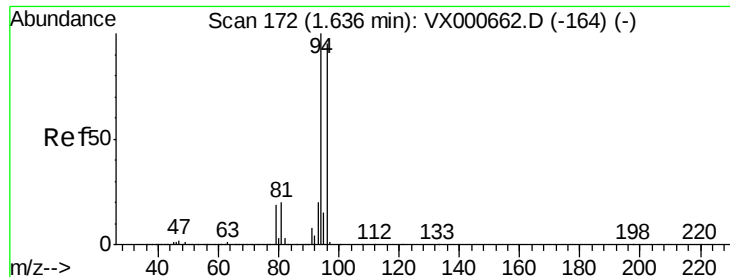
64 33.2 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.61 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

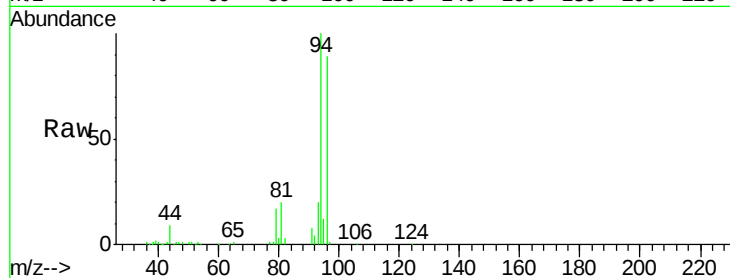
VSTDIC020

Tot Ion: 94 Resp: 26806

Ion Ratio Lower Upper

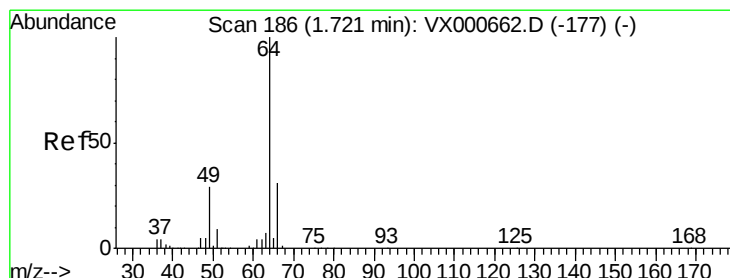
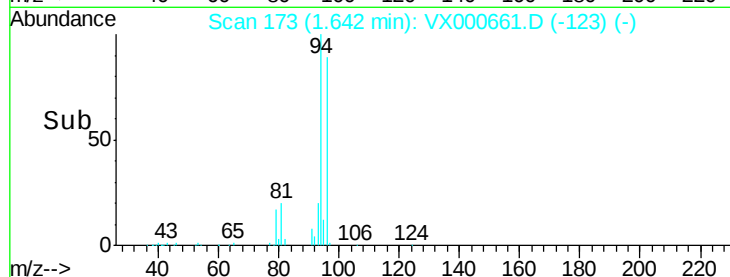
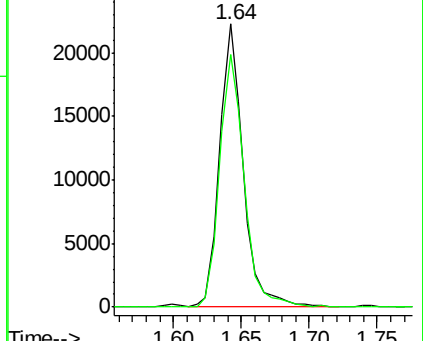
94 100

96 89.4 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: 23.96 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000661.D

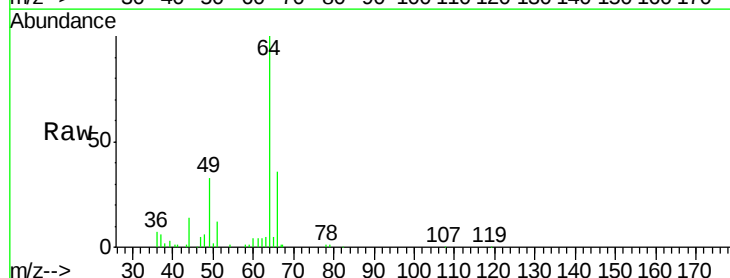
Acq: 04 Apr 2018 16:53

Tgt Ion: 64 Resp: 20555

Ion Ratio Lower Upper

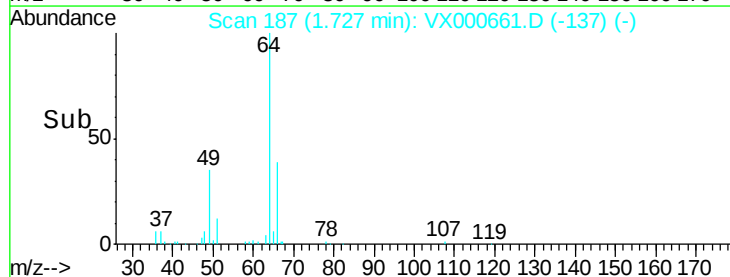
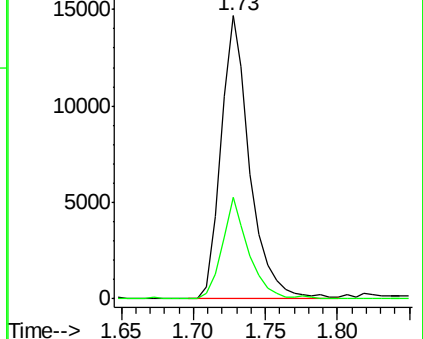
64 100

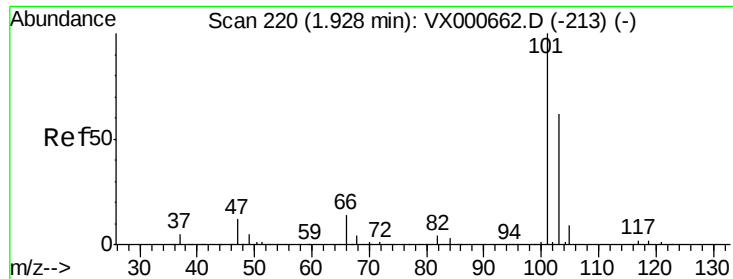
66 35.9 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



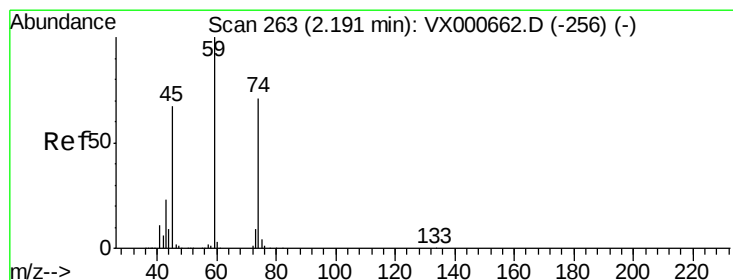
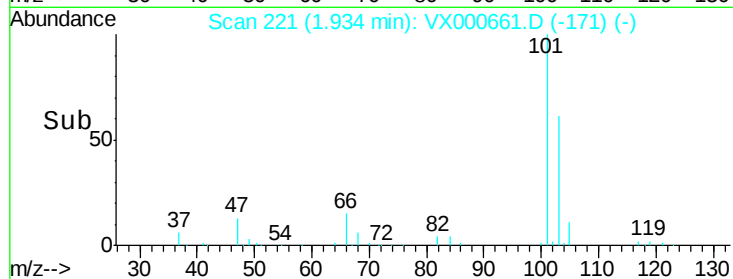
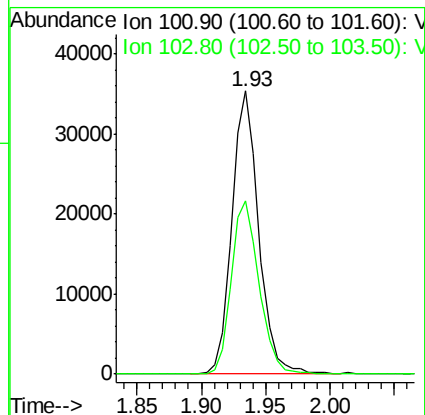
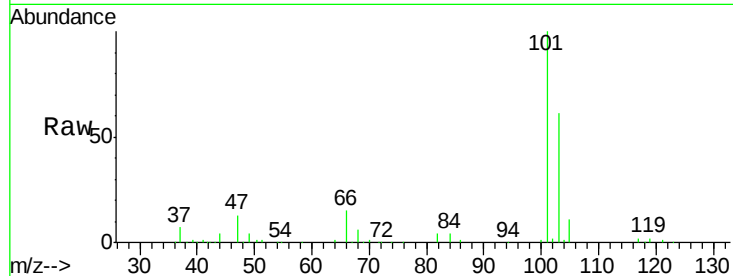


#7

Trichlorofluoromethane
 Concen: 25.07 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

Instrument :
 MSVOA_X
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 VSTDIC020

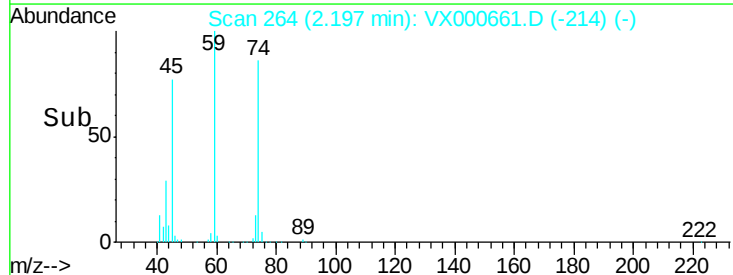
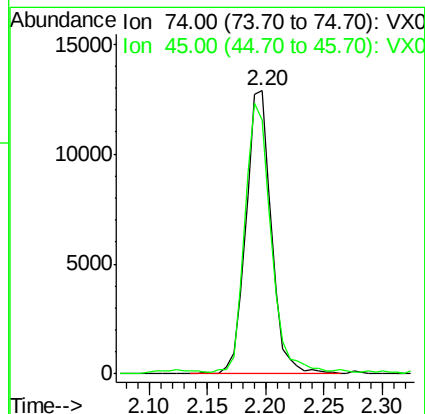
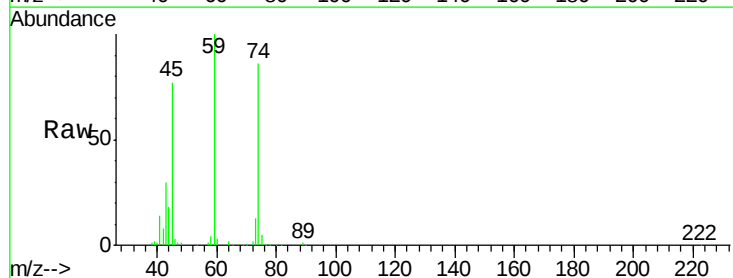
Tot Ion:101 Resp: 51300
 Ion Ratio Lower Upper
 101 100
 103 61.2 49.4 74.0

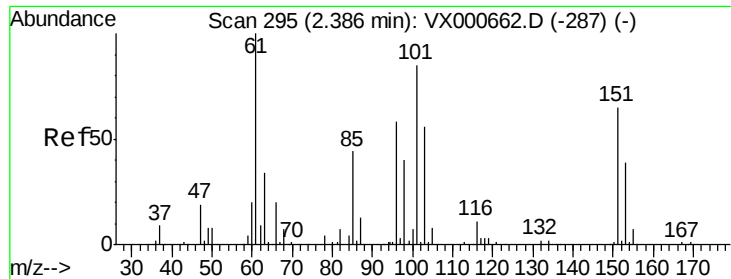


#8

Diethyl Ether
 Concen: 26.64 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.01 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

Tgt Ion: 74 Resp: 19635
 Ion Ratio Lower Upper
 74 100
 45 97.9 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.96 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

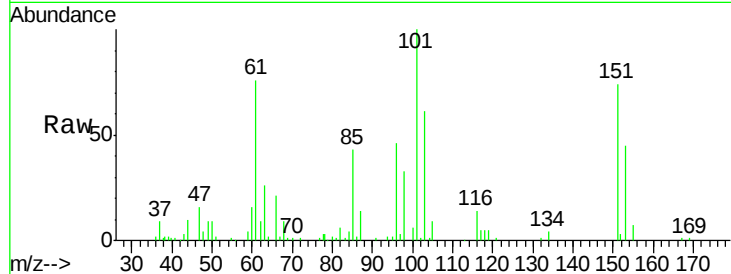
Tot Ion:101 Resp: 27312

Ion Ratio Lower Upper

101 100

85 49.0 40.0 60.0

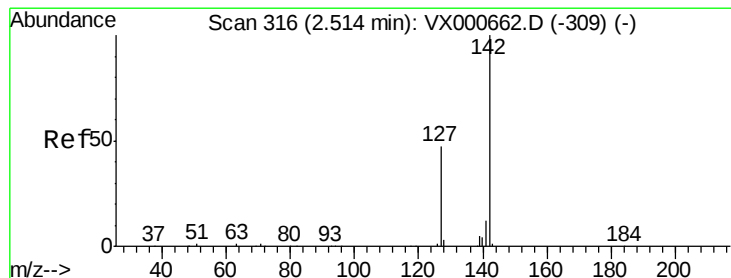
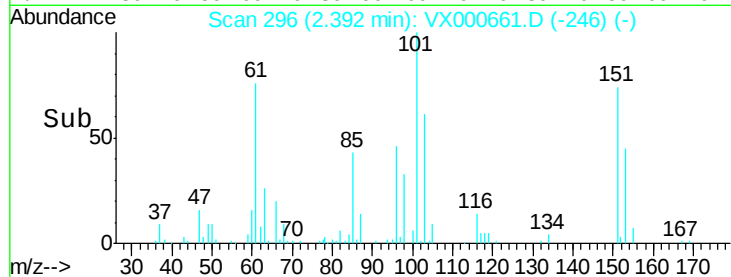
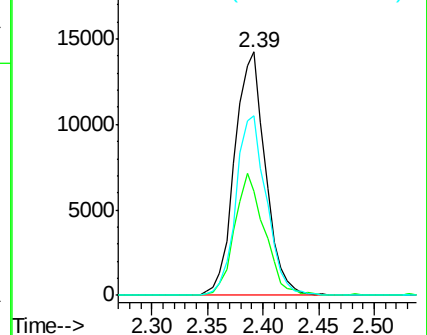
151 73.0 57.4 86.2



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: 12.89 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

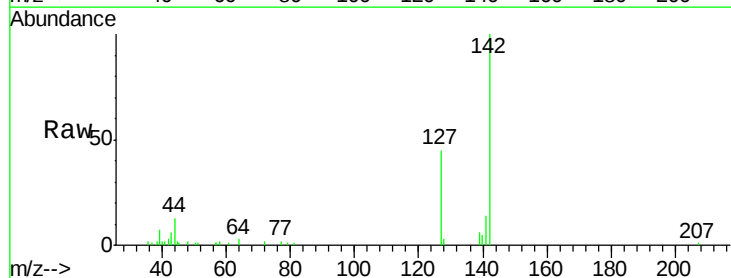
Tgt Ion:142 Resp: 11799

Ion Ratio Lower Upper

142 100

127 50.9 40.7 61.1

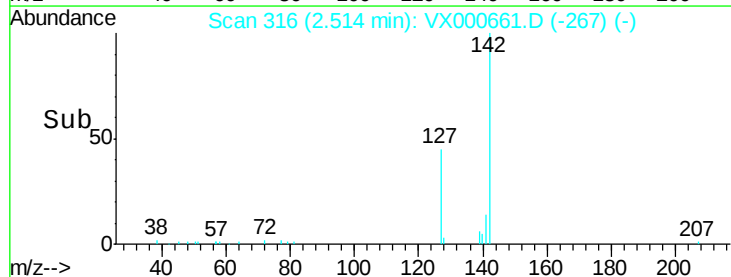
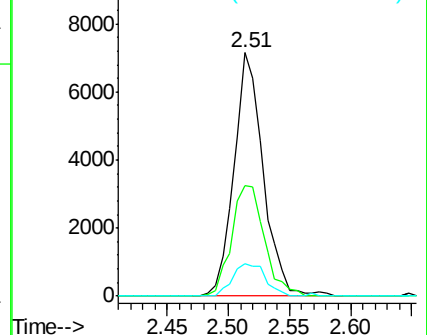
141 14.9 11.1 16.7

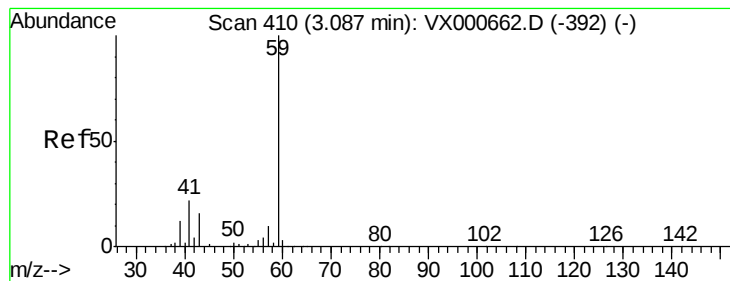


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



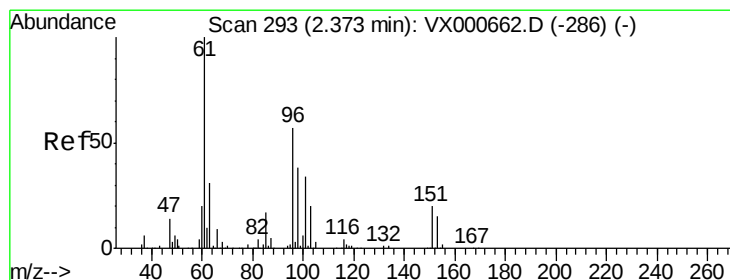
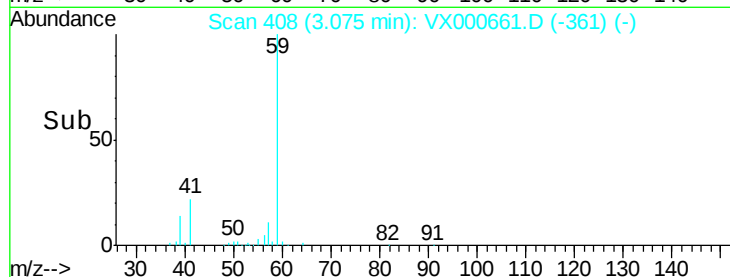
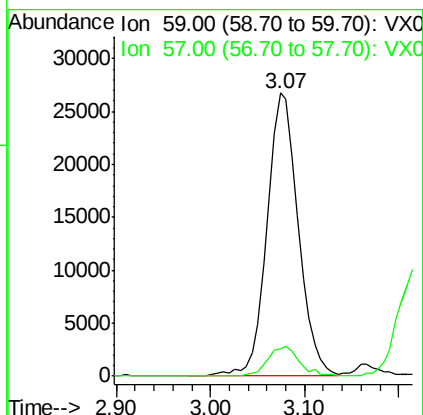
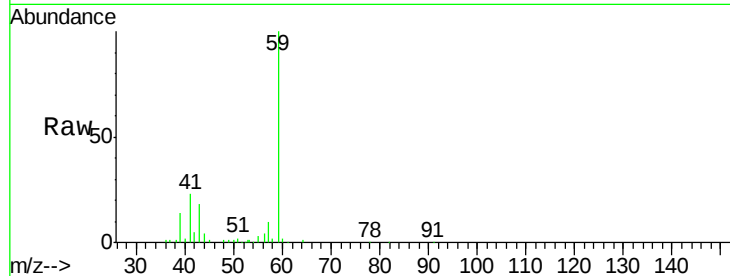


#11

Tert butyl alcohol
 Concen: 144.02 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

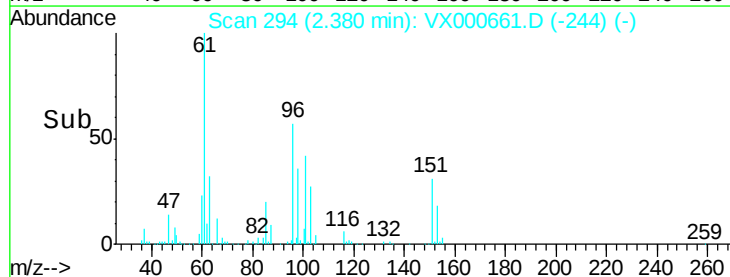
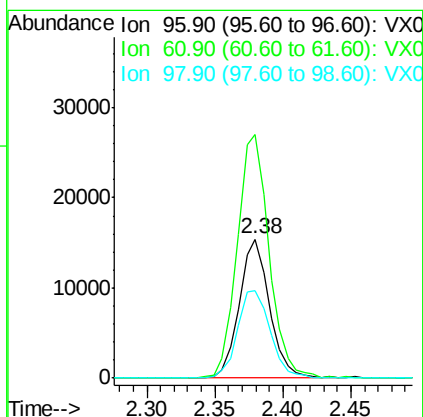
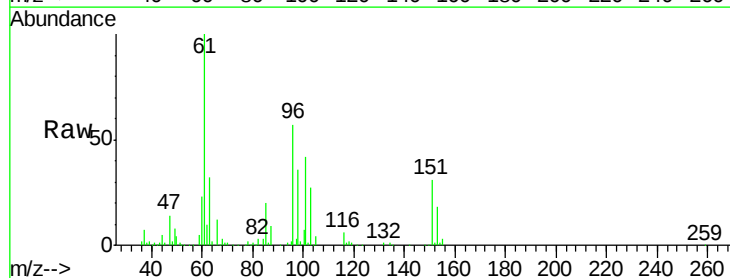
Tot Ion: 59 Resp: 62345
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

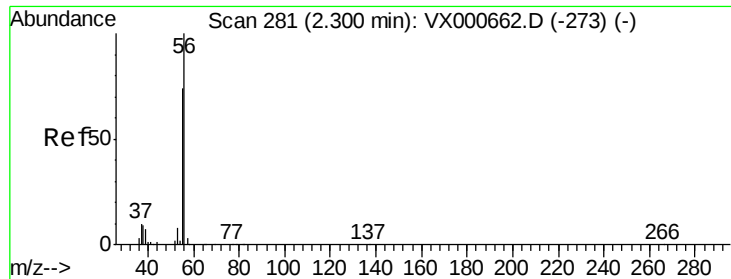


#12

1,1-Dichloroethene
 Concen: 24.10 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

Tgt Ion: 96 Resp: 23965
 Ion Ratio Lower Upper
 96 100
 61 174.9 140.2 210.2
 98 62.7 52.6 79.0





#13

Acrolein

Concen: 211.20 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

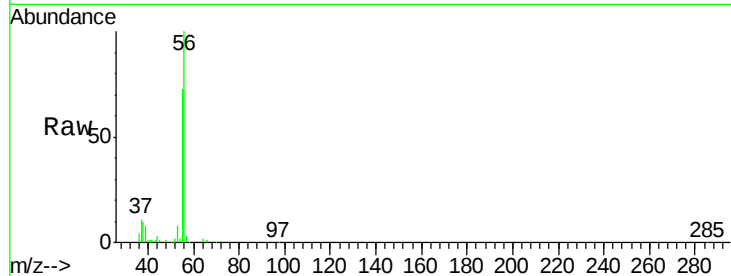
VSTDIC020

Tot Ion: 56 Resp: 36839

Ion Ratio Lower Upper

56 100

55 74.7 58.1 87.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

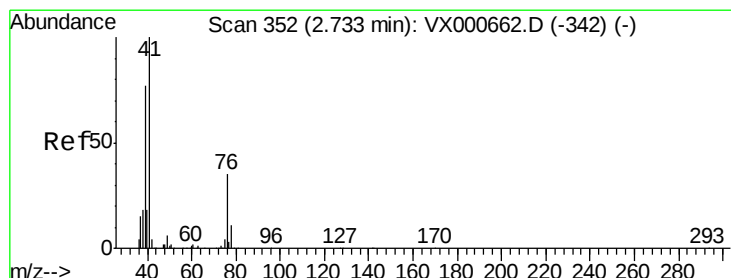
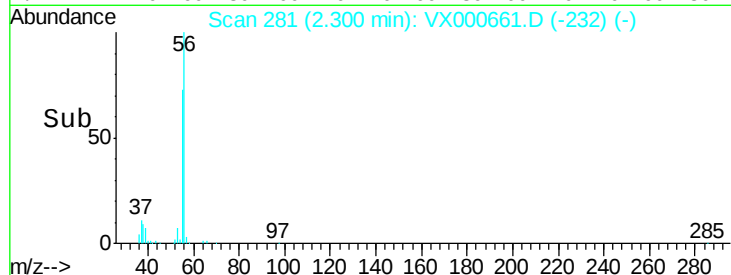
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 25.82 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

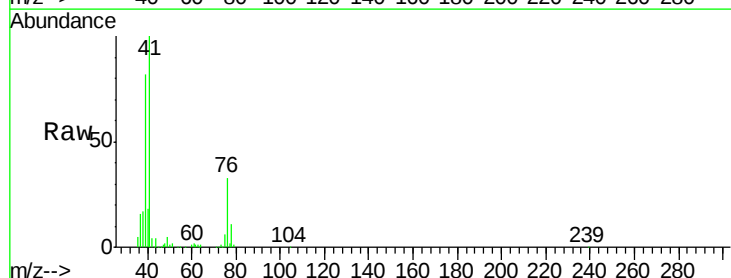
Tgt Ion: 41 Resp: 50363

Ion Ratio Lower Upper

41 100

39 73.6 57.0 85.6

76 29.9 23.9 35.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

30000

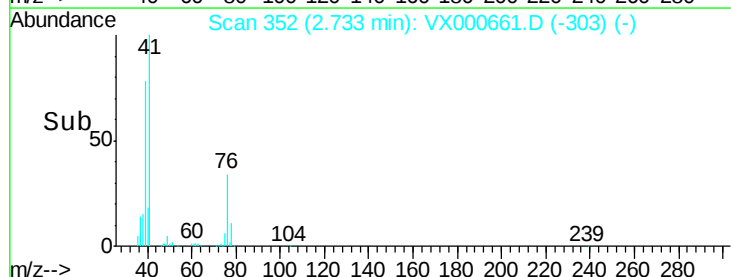
20000

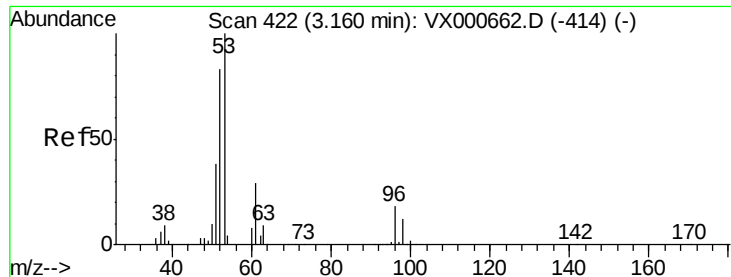
10000

0

Time-->

2.70 2.73 2.76 2.79 2.82





#15

Acrylonitrile

Concen: 138.63 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

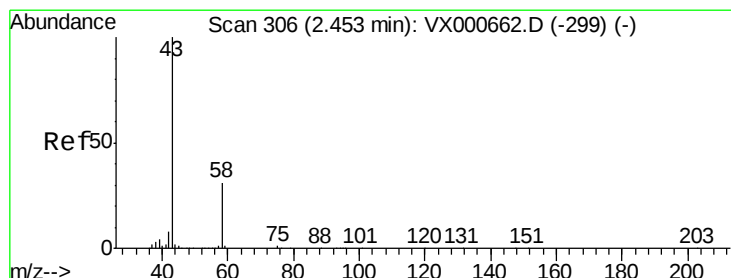
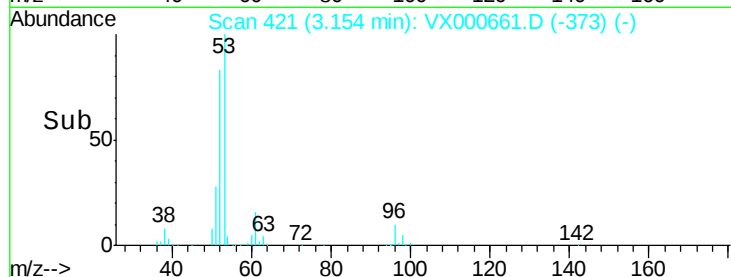
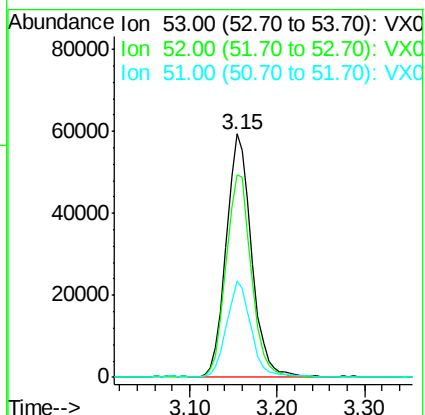
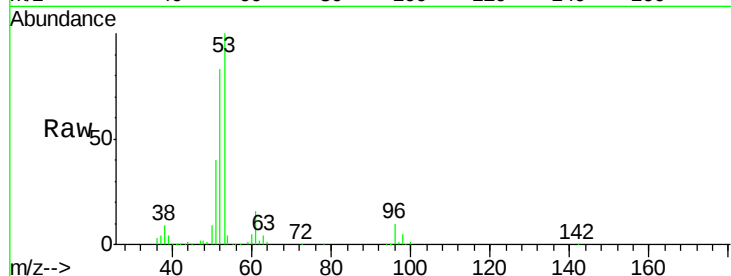
Tot Ion: 53 Resp: 119569

Ion Ratio Lower Upper

53 100

52 83.4 66.5 99.7

51 38.5 30.6 46.0



#16

Acetone

Concen: 131.69 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000661.D

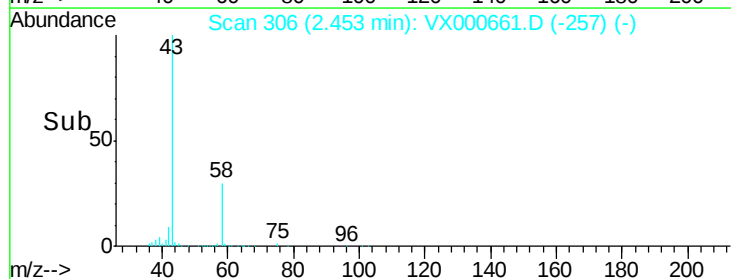
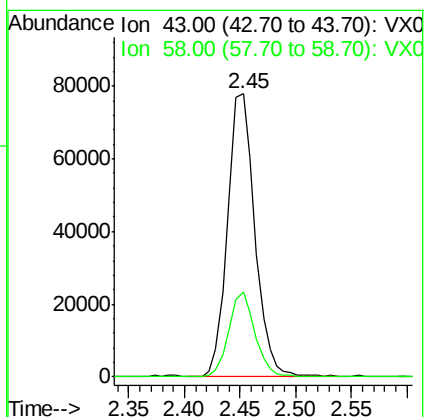
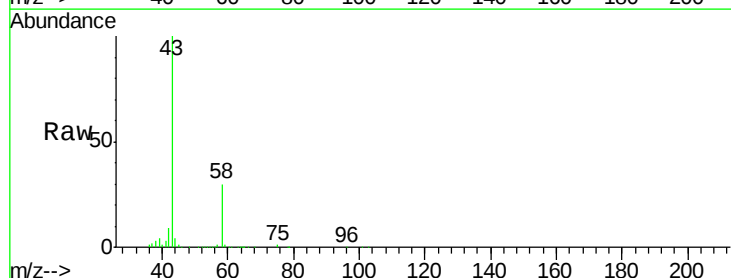
Acq: 04 Apr 2018 16:53

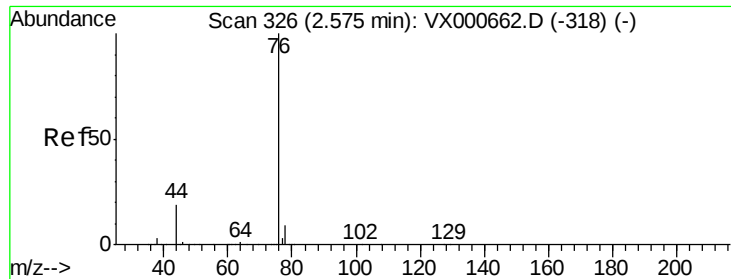
Tgt Ion: 43 Resp: 132374

Ion Ratio Lower Upper

43 100

58 30.2 24.7 37.1

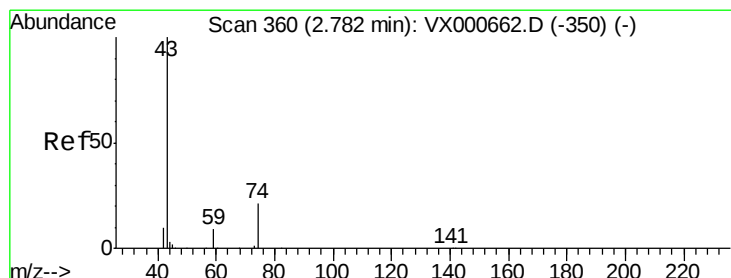
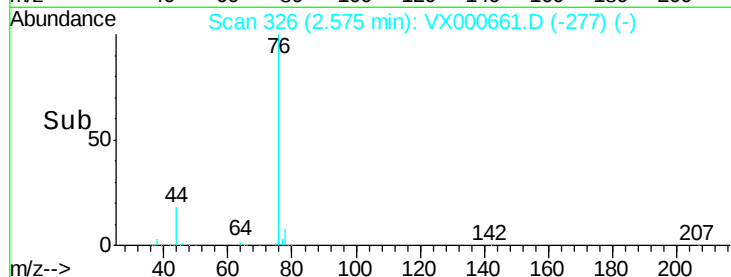
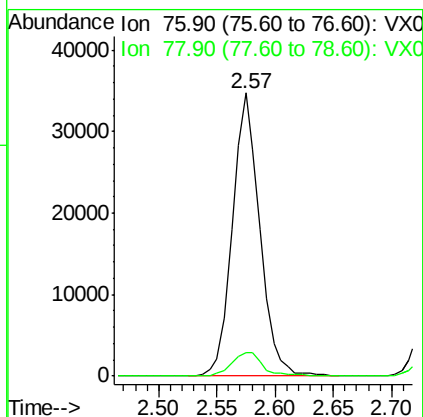
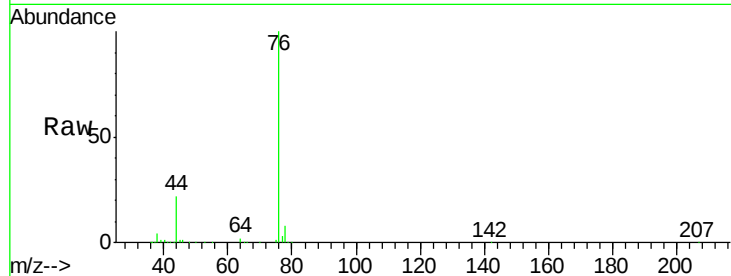




#17
Carbon Disulfide
Concen: 20.03 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

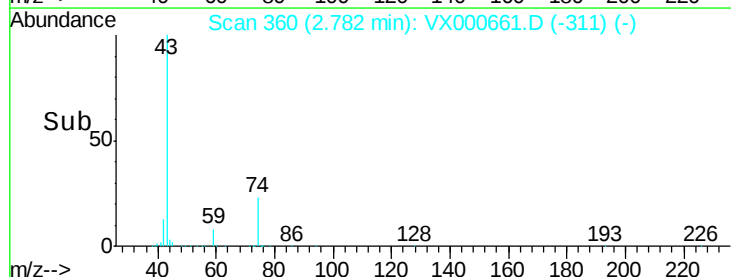
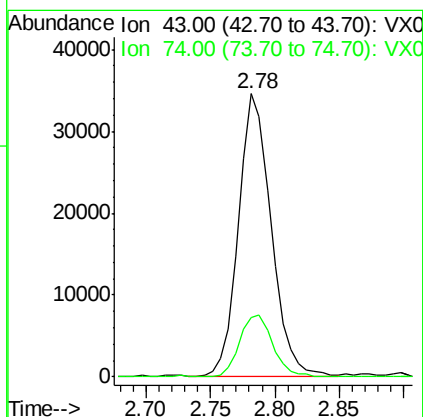
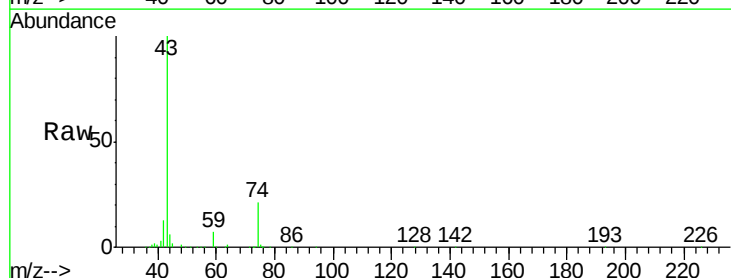
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

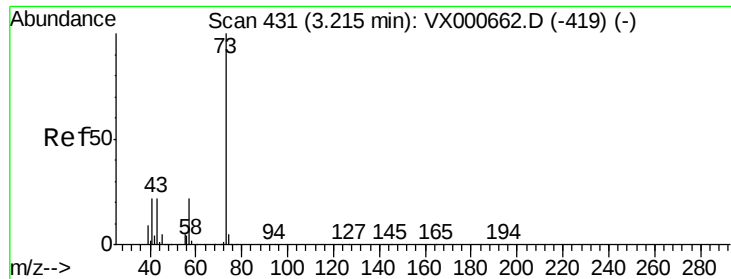
Tot Ion: 76 Resp: 56719
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6



#18
Methyl Acetate
Concen: 28.05 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Tgt Ion: 43 Resp: 60552
Ion Ratio Lower Upper
43 100
74 22.7 17.0 25.4



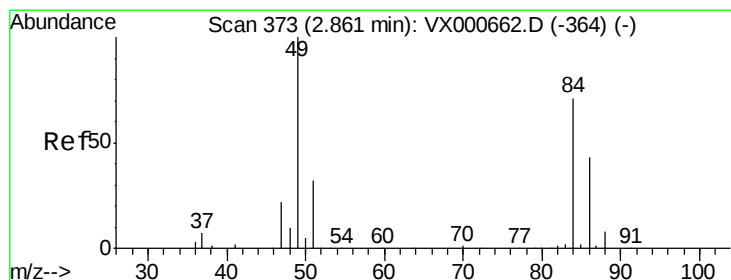
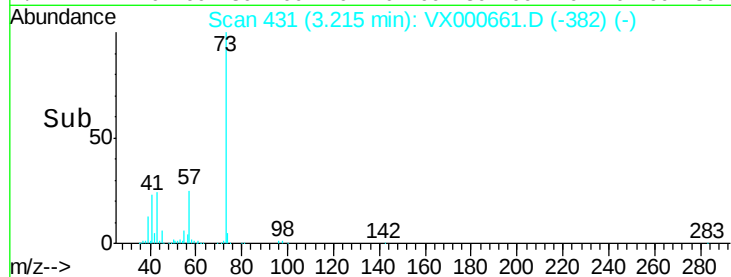
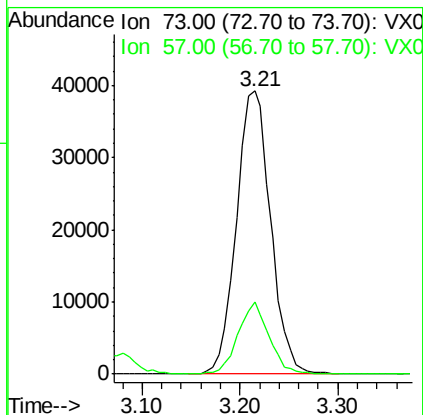
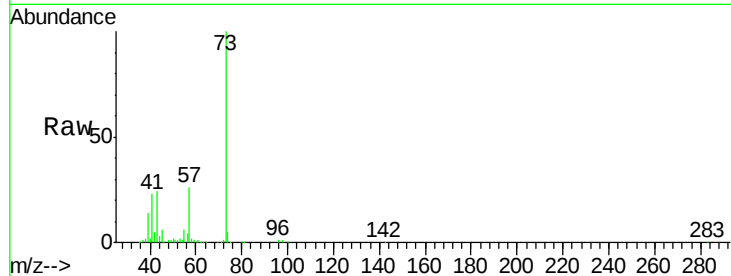


#19

Methyl tert-butyl Ether
 Concen: 25.54 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

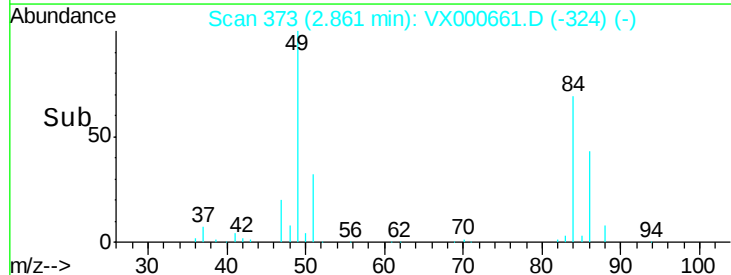
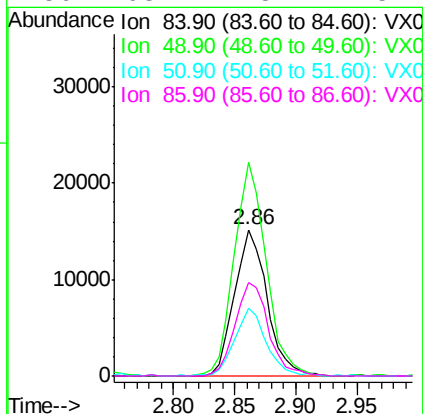
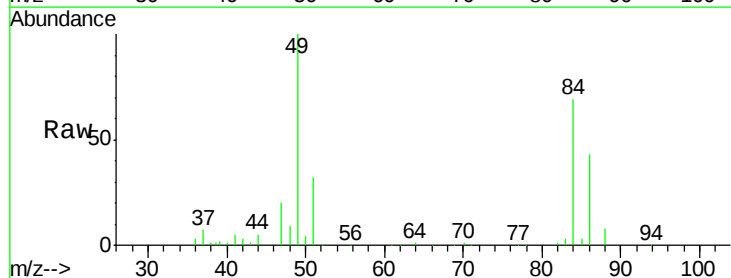
Tot Ion: 73 Resp: 95006
 Ion Ratio Lower Upper
 73 100
 57 25.6 17.8 26.6

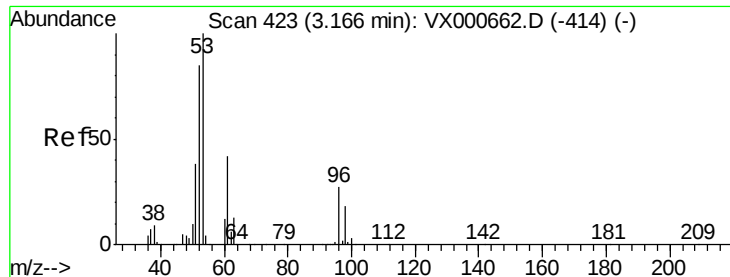


#20

Methylene Chloride
 Concen: 24.08 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

Tgt Ion: 84 Resp: 27829
 Ion Ratio Lower Upper
 84 100
 49 145.9 112.1 168.1
 51 45.8 35.4 53.0
 86 63.4 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 23.58 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

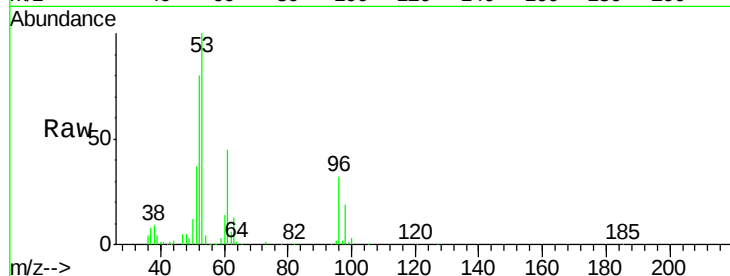
Tot Ion: 96 Resp: 26126

Ion Ratio Lower Upper

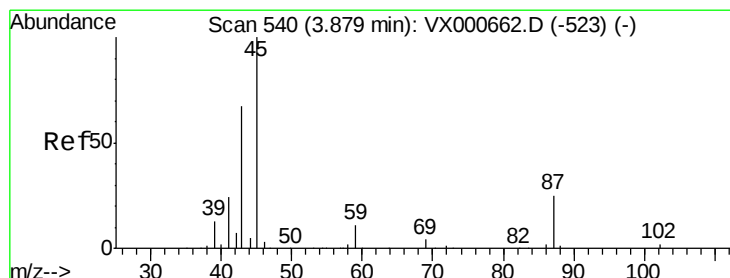
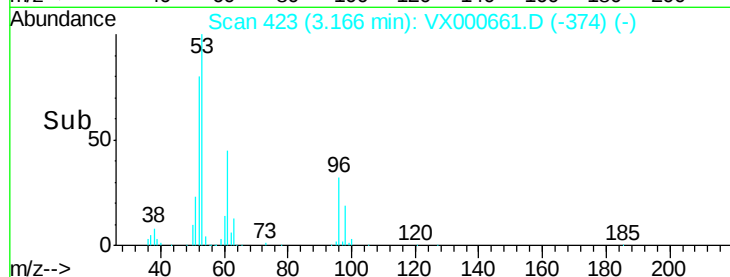
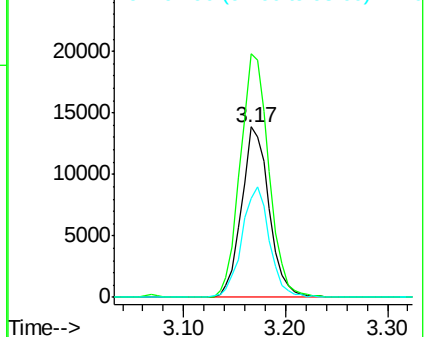
96 100

61 142.7 123.5 185.3

98 58.2 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: 21.04 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Tgt Ion: 45 Resp: 64518

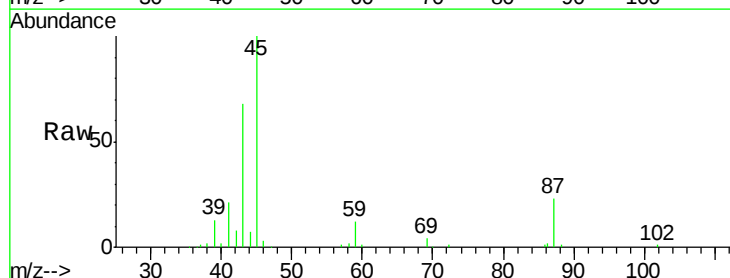
Ion Ratio Lower Upper

45 100

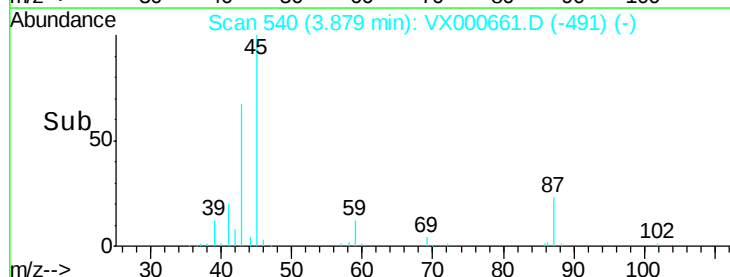
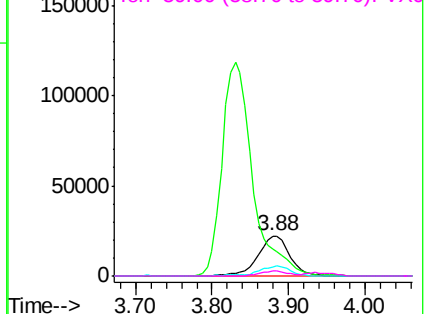
43 67.1 53.8 80.8

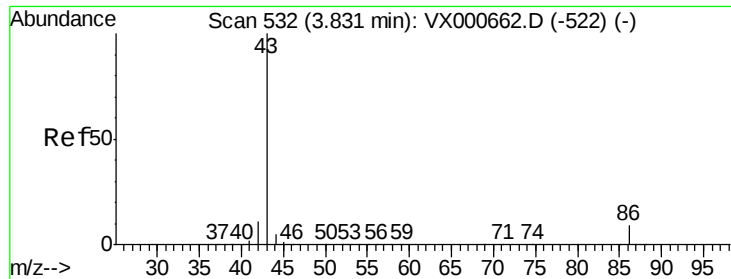
87 22.8 19.8 29.6

59 12.1 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: 114.99 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

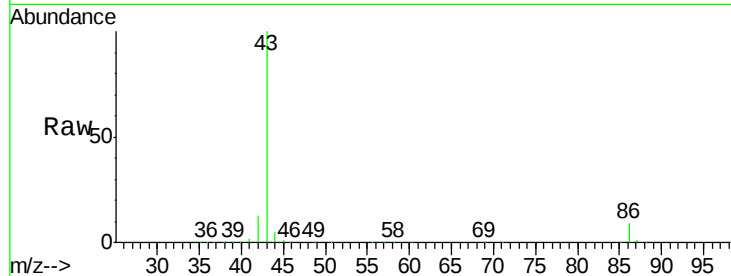
VSTDIC020

Tot Ion: 43 Resp: 327451

Ion Ratio Lower Upper

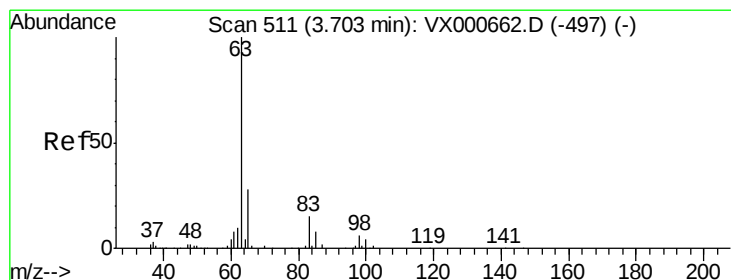
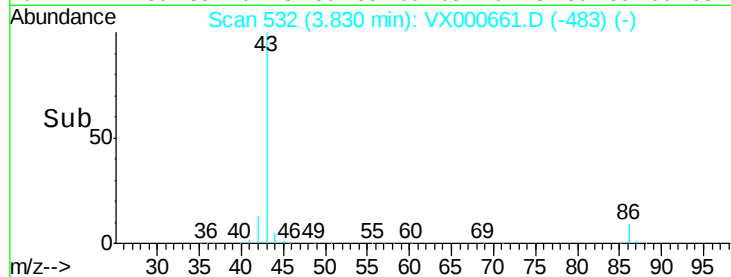
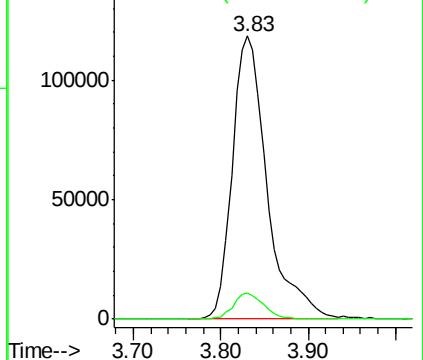
43 100

86 9.2 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 27.13 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

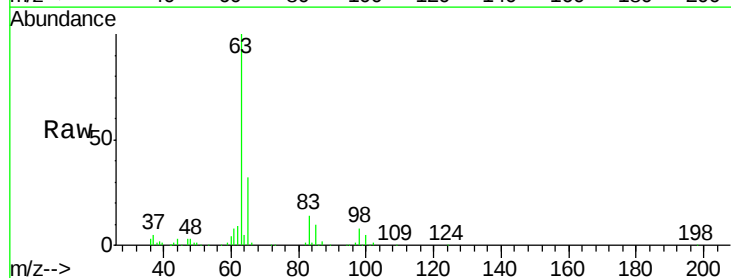
Tgt Ion: 63 Resp: 53208

Ion Ratio Lower Upper

63 100

98 7.6 3.0 9.0

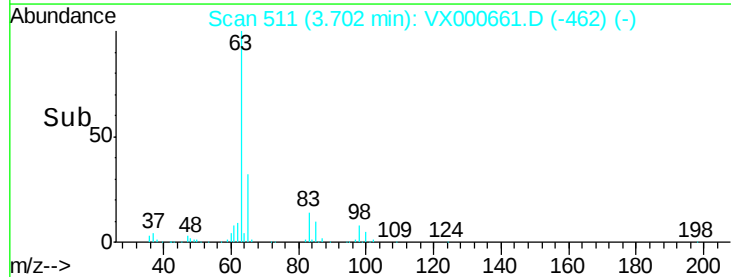
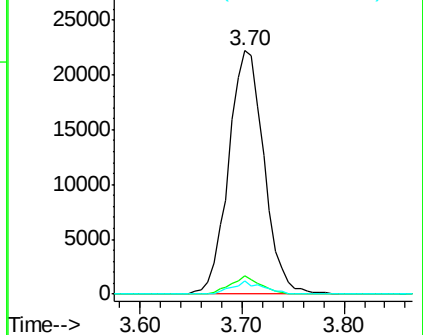
100 5.3 2.1 6.2

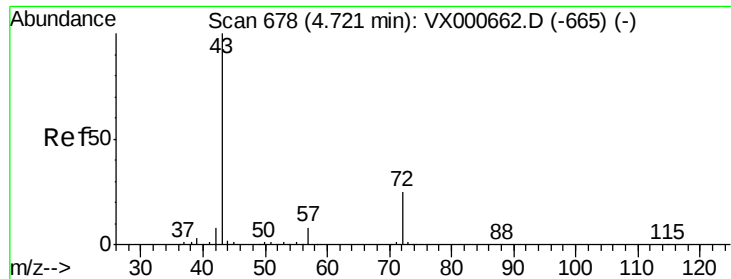


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 123.54 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

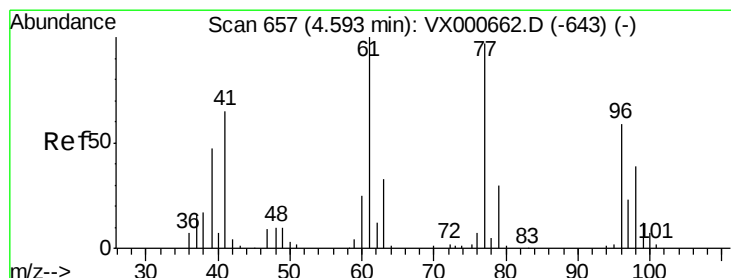
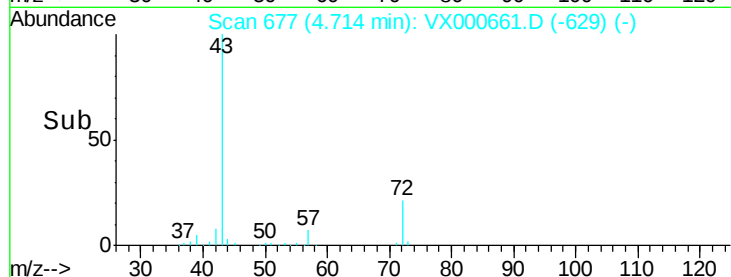
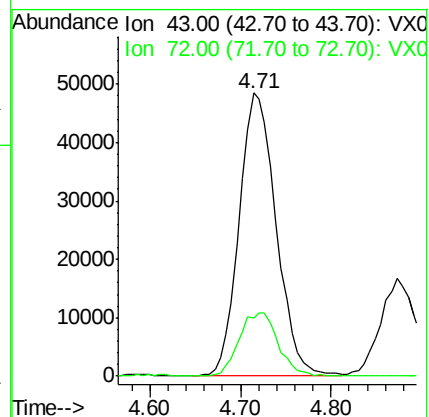
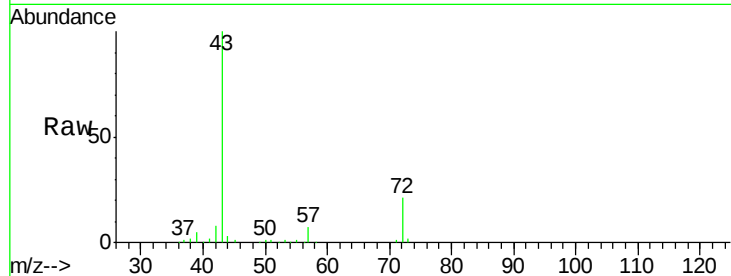
VSTDIC020

Tot Ion: 43 Resp: 137264

Ion Ratio Lower Upper

43 100

72 20.7 20.0 30.0



#26

2,2-Dichloropropane

Concen: 20.11 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000661.D

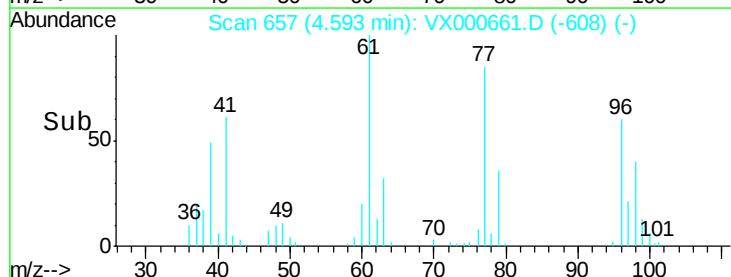
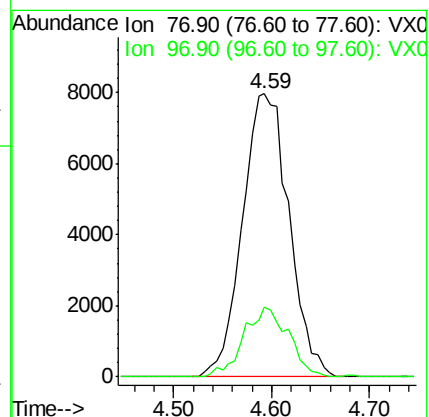
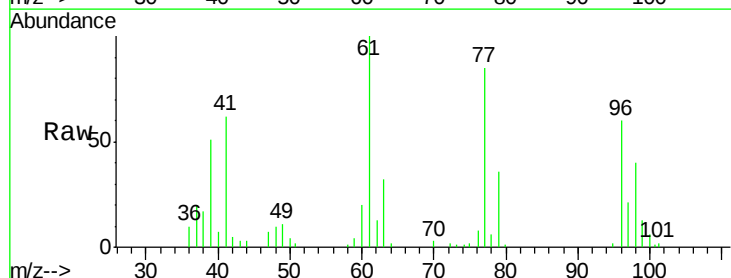
Acq: 04 Apr 2018 16:53

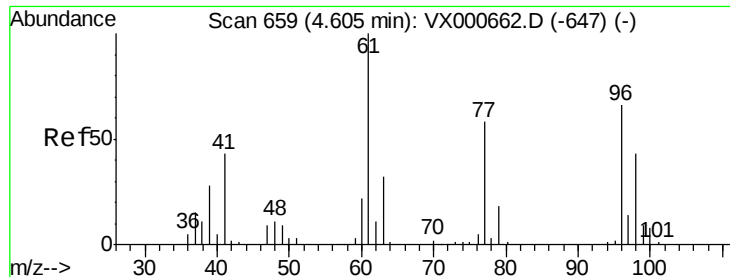
Tgt Ion: 77 Resp: 26310

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 22.08 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

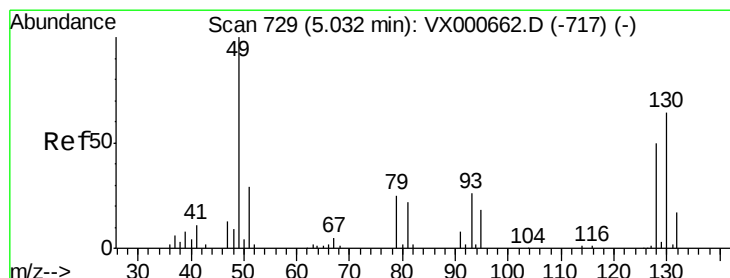
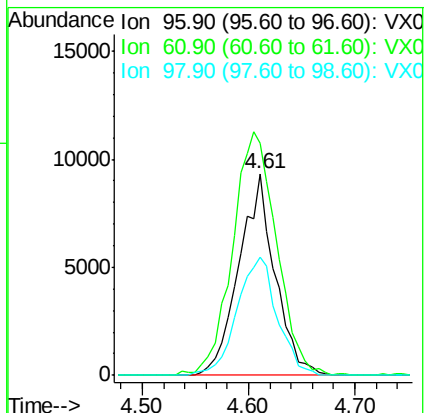
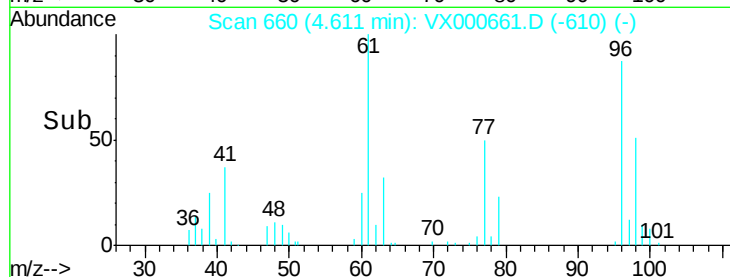
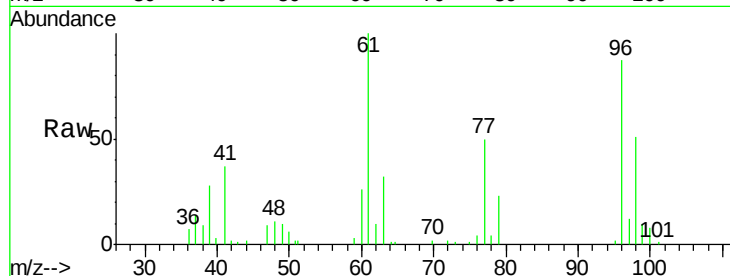
Tot Ion: 96 Resp: 22133

Ion Ratio Lower Upper

96 100

61 147.6 0.0 309.4

98 65.3 0.0 129.2



#28

Bromochloromethane

Concen: 24.79 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

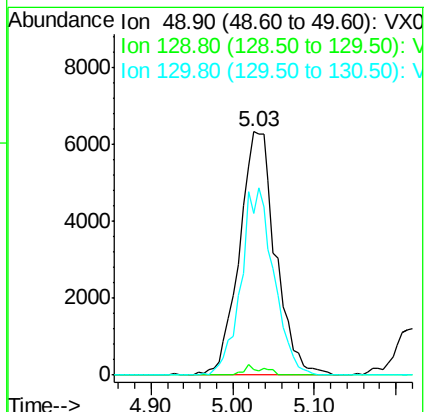
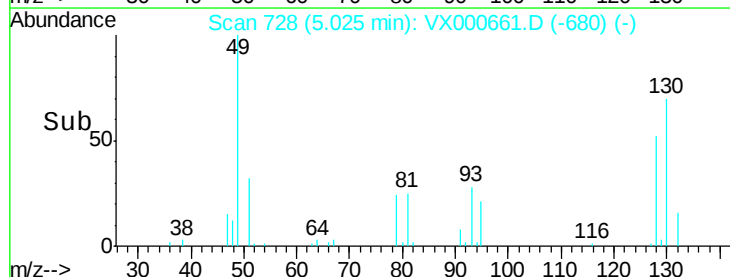
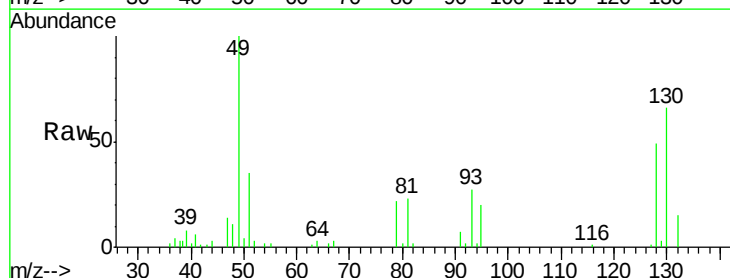
Tgt Ion: 49 Resp: 19533

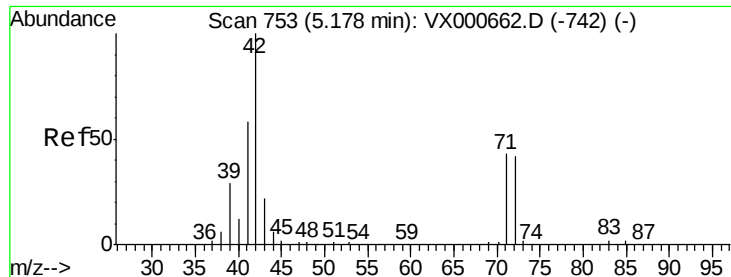
Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.8

130 69.3 53.8 80.6

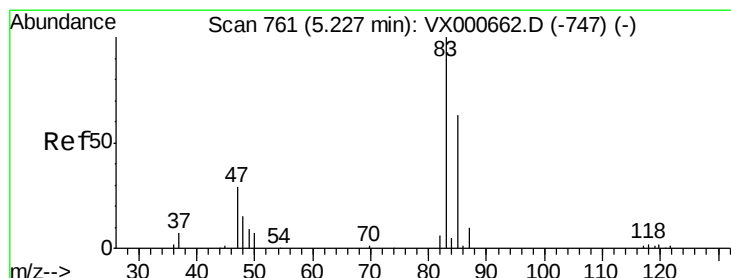
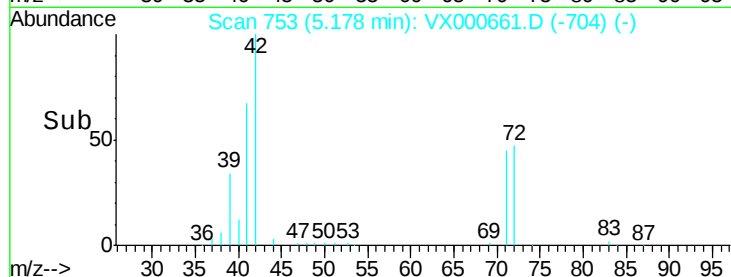
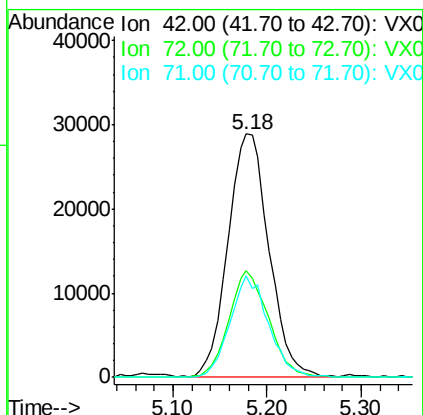
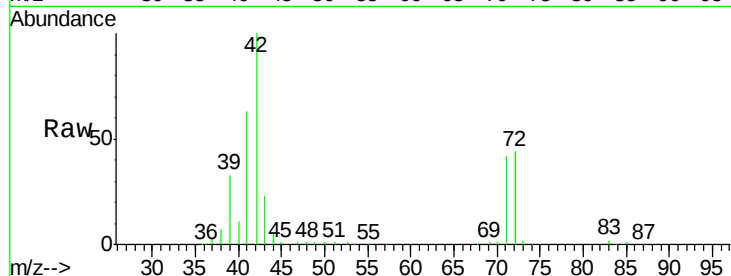




#29
Tetrahydrofuran
Concen: 126.97 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

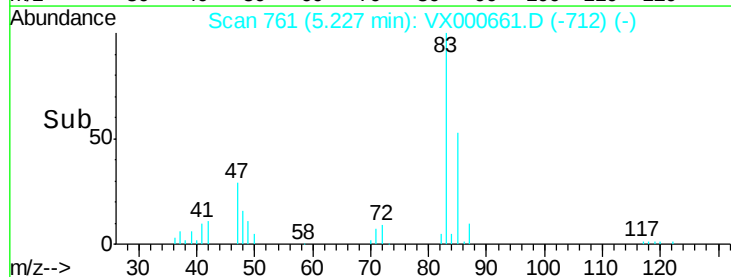
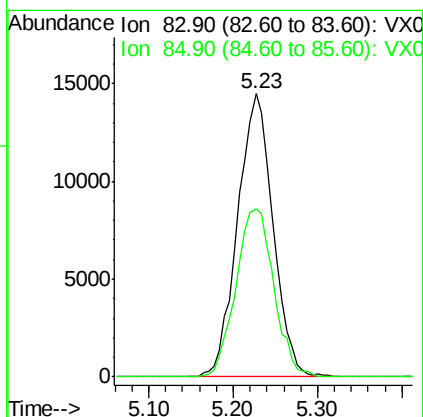
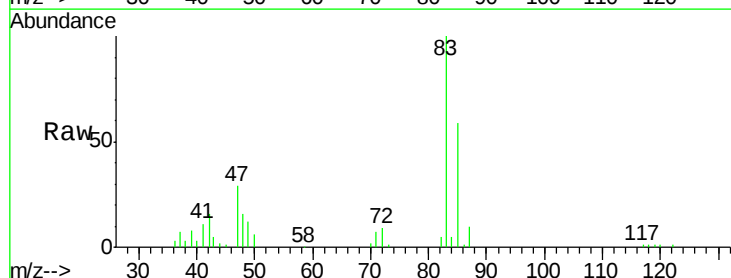
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

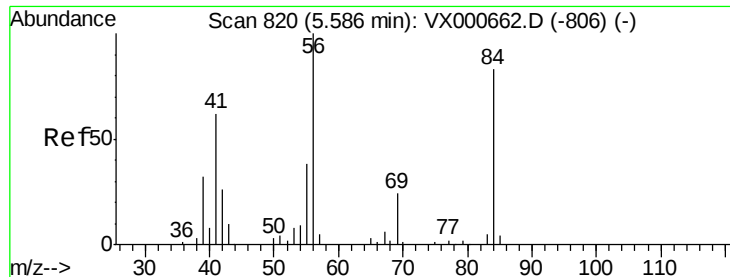
Tot Ion: 42 Resp: 87112
Ion Ratio Lower Upper
42 100
72 42.7 34.5 51.7
71 39.2 32.2 48.2



#30
Chloroform
Concen: 23.03 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Tgt Ion: 83 Resp: 41069
Ion Ratio Lower Upper
83 100
85 59.3 50.2 75.4

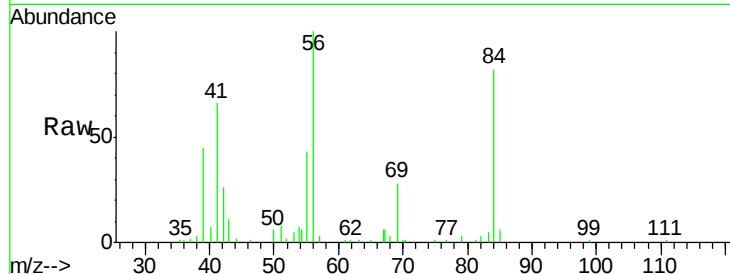




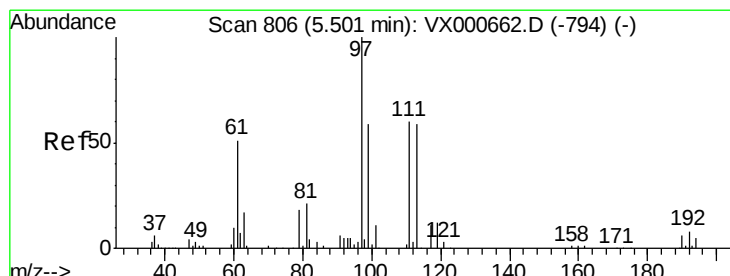
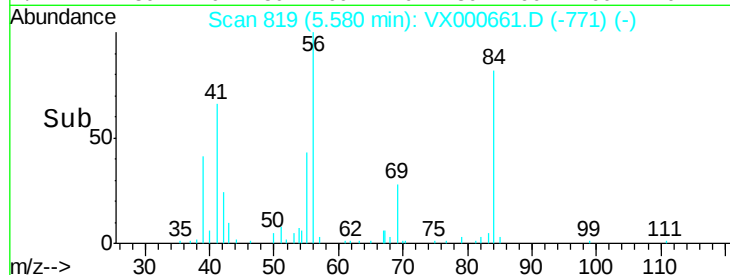
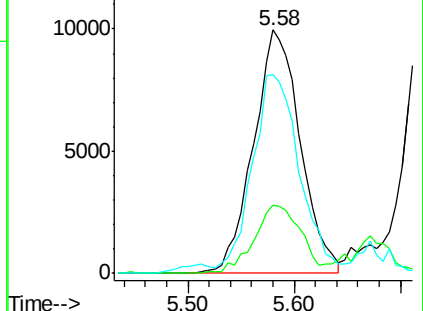
#31
Cyclohexane
Concen: 20.93 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 56 Resp: 30545
Ion Ratio Lower Upper
56 100
69 27.9 19.4 29.0
84 79.1 66.8 100.2

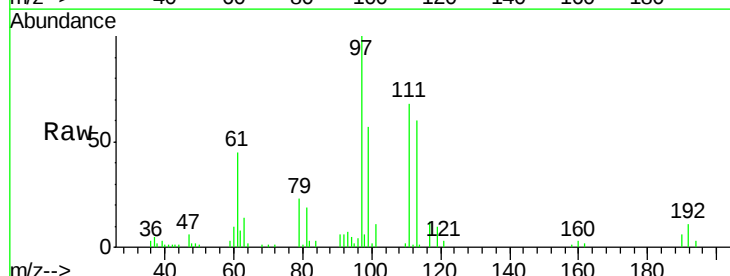


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

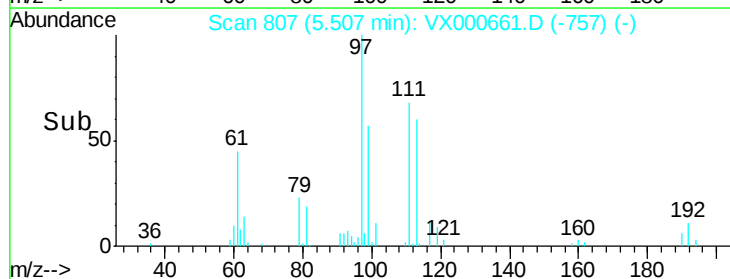
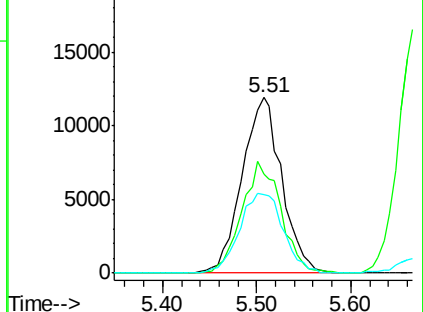


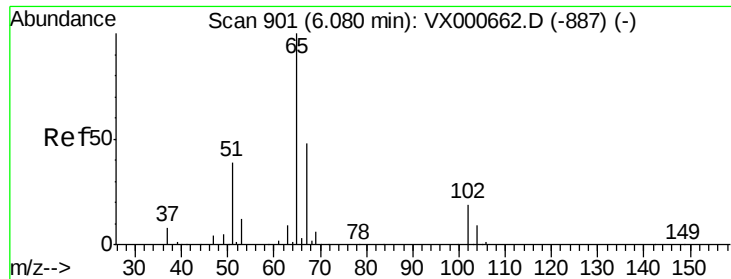
#32
1,1,1-Trichloroethane
Concen: 21.93 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Tgt Ion: 97 Resp: 35084
Ion Ratio Lower Upper
97 100
99 62.8 51.7 77.5
61 50.3 41.4 62.2



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





#33

1,2-Dichloroethane-d4

Concen: 25.26 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

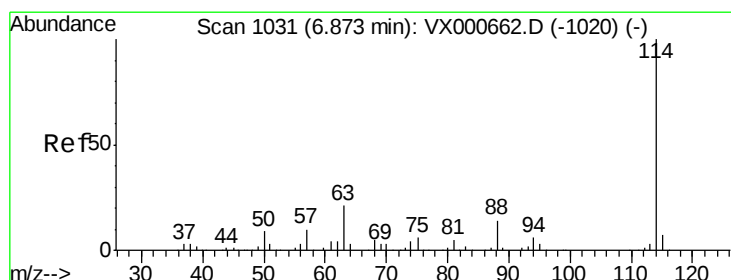
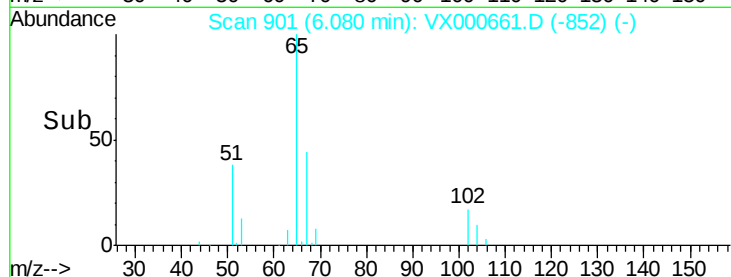
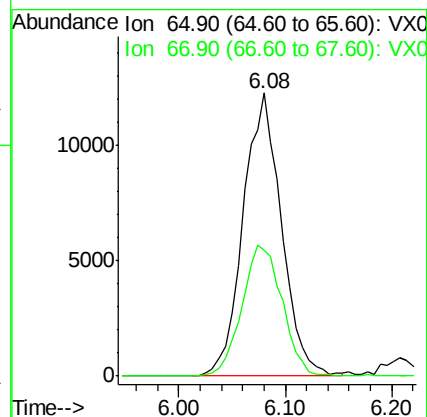
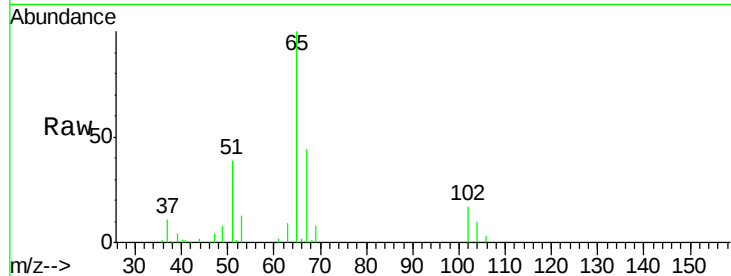
VSTDIC020

Tot Ion: 65 Resp: 30947

Ion Ratio Lower Upper

65 100

67 48.6 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

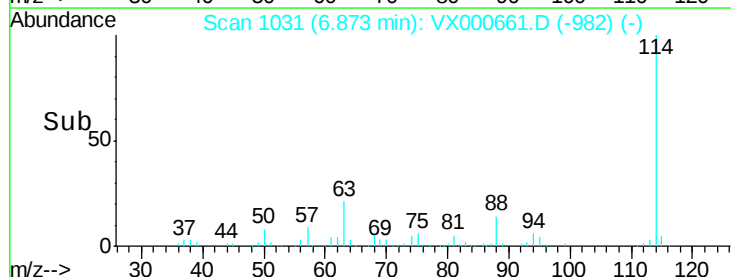
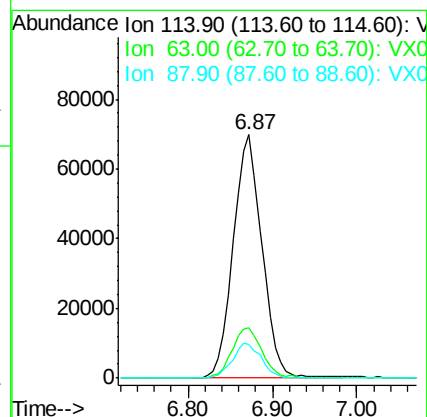
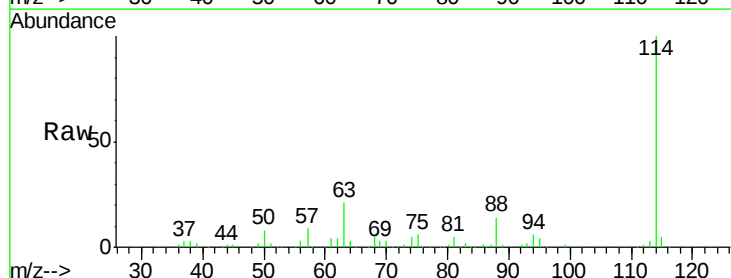
Tgt Ion: 114 Resp: 162107

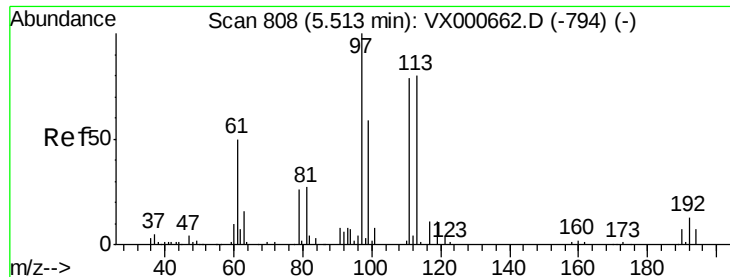
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.6

88 14.1 0.0 28.6





#35

Dibromofluoromethane

Concen: 21.61 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

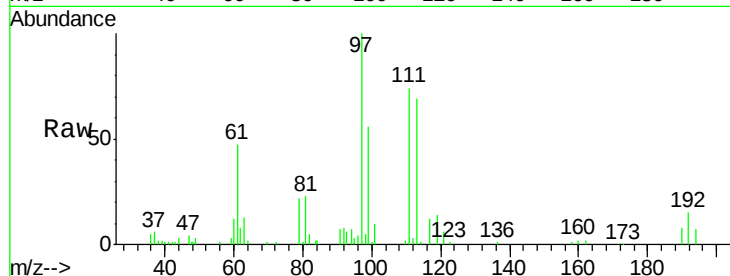
Tot Ion:113 Resp: 22213

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

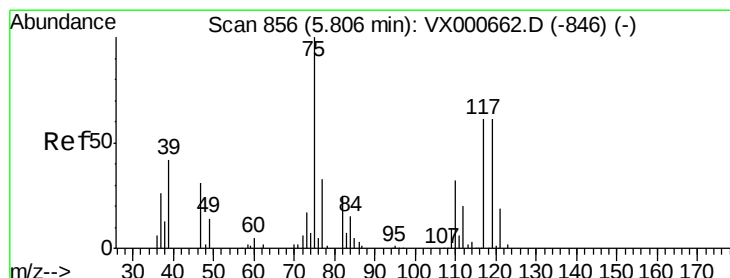
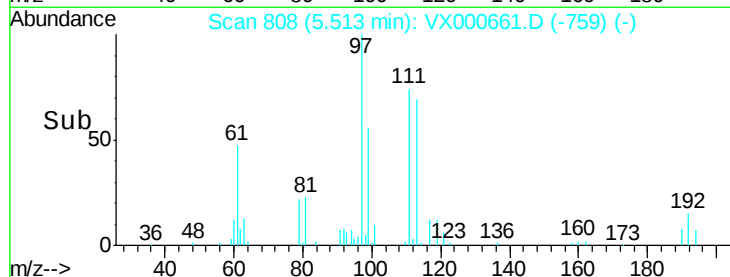
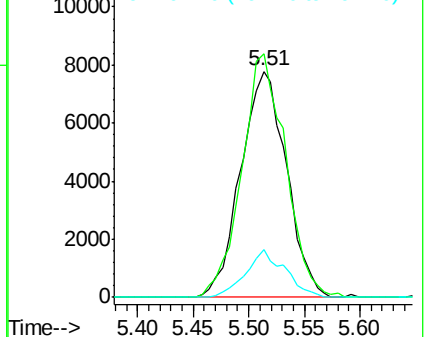
192 18.0 14.3 21.5



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: 19.82 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

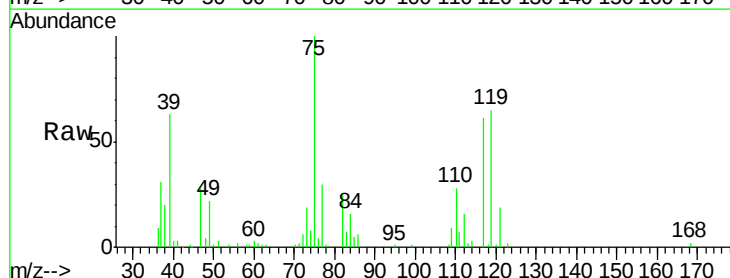
Tgt Ion: 75 Resp: 29741

Ion Ratio Lower Upper

75 100

110 32.6 16.3 48.9

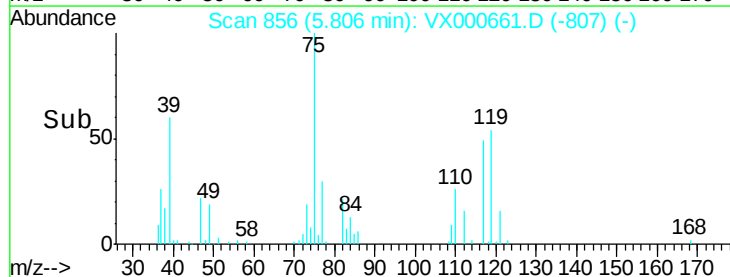
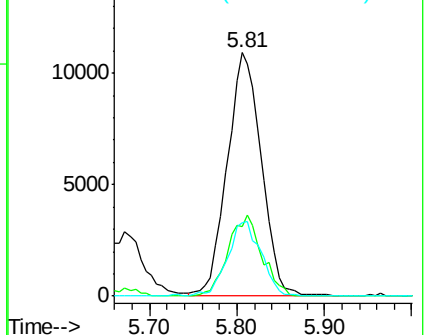
77 29.9 24.3 36.5

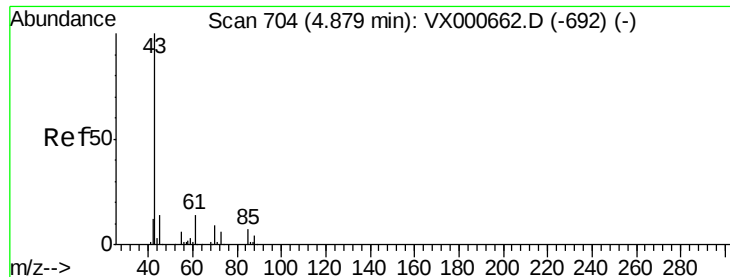


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

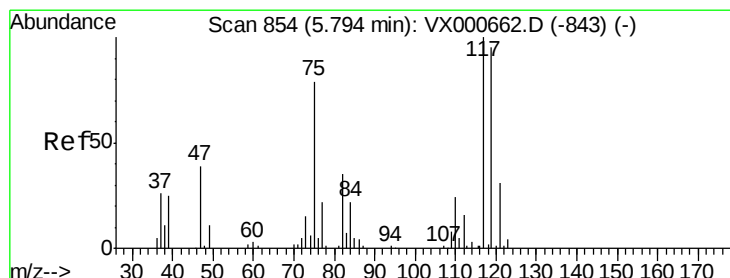
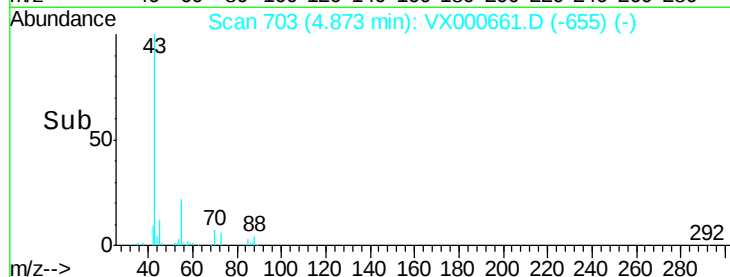
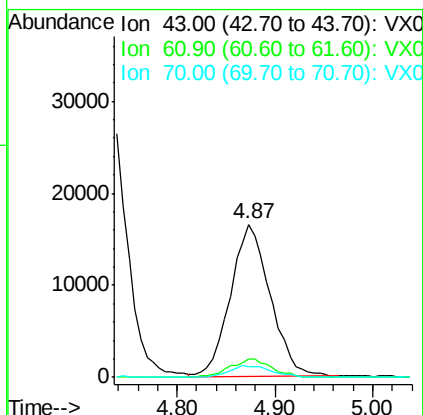
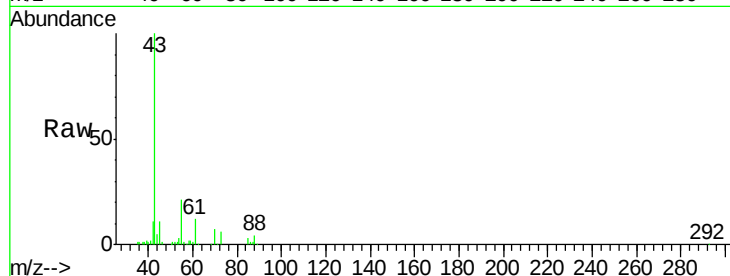




#37
Ethyl Acetate
Concen: 22.63 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

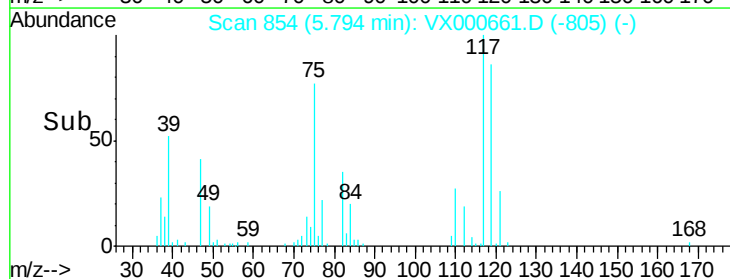
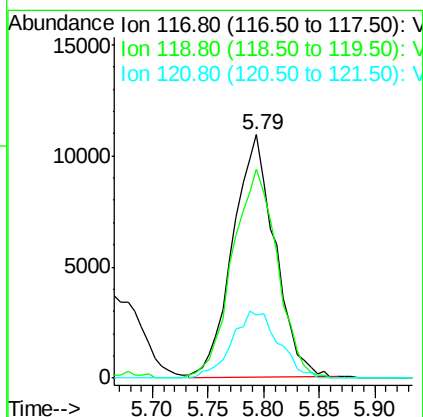
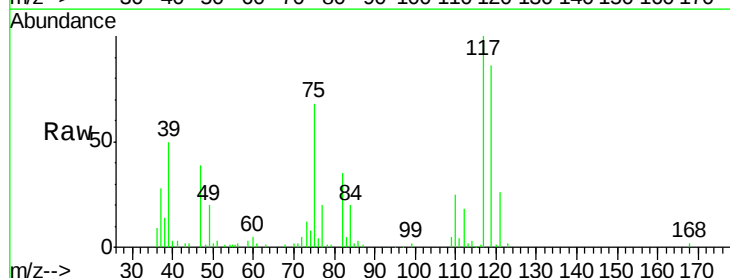
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

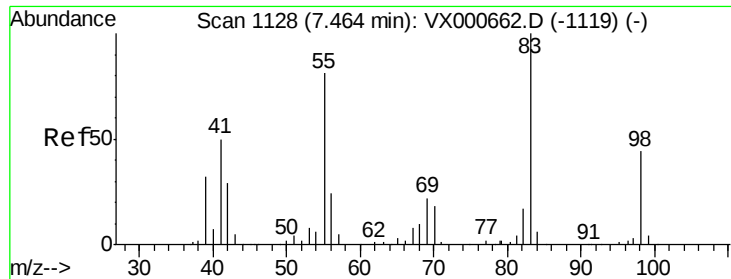
Tot Ion: 43 Resp: 46784
Ion Ratio Lower Upper
43 100
61 12.6 10.4 15.6
70 8.0 6.8 10.2



#38
Carbon Tetrachloride
Concen: 18.44 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Tgt Ion: 117 Resp: 28634
Ion Ratio Lower Upper
117 100
119 86.5 76.1 114.1
121 26.1 24.8 37.2

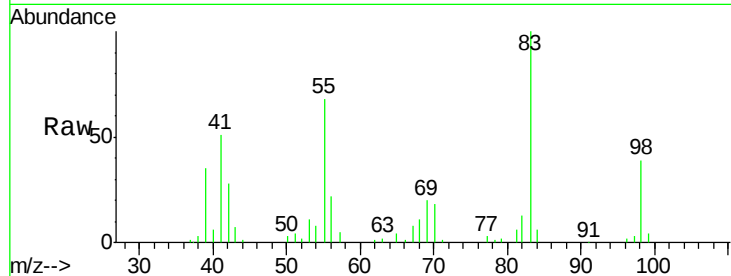




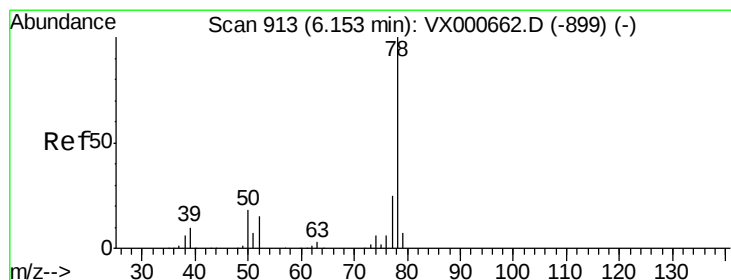
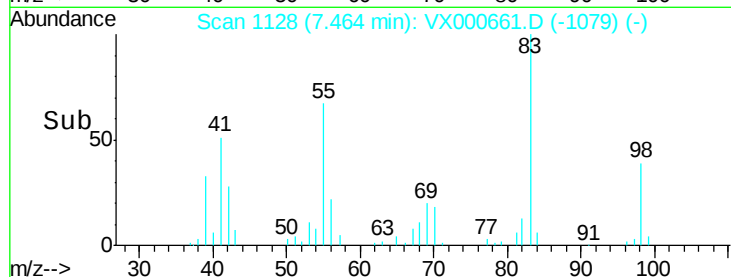
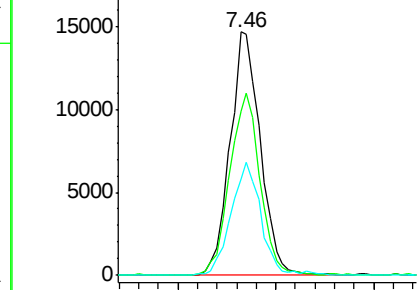
#39
Methvlcvclohexane
Concen: 17.56 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 83 Resp: 31596
Ion Ratio Lower Upper
83 100
55 67.6 64.5 96.7
98 39.4 35.0 52.6

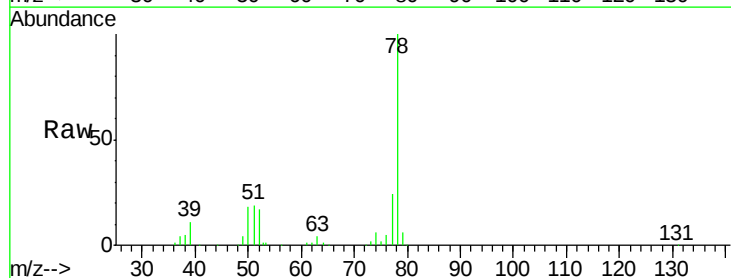


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

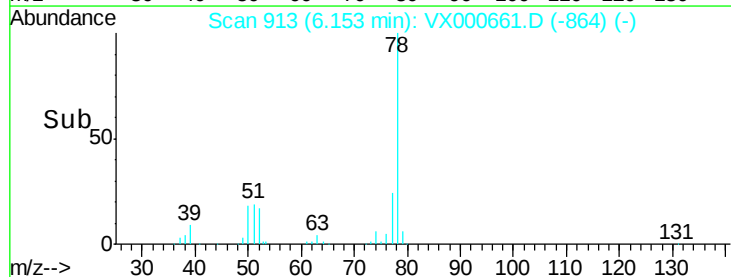
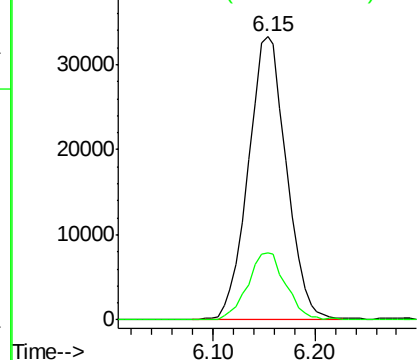


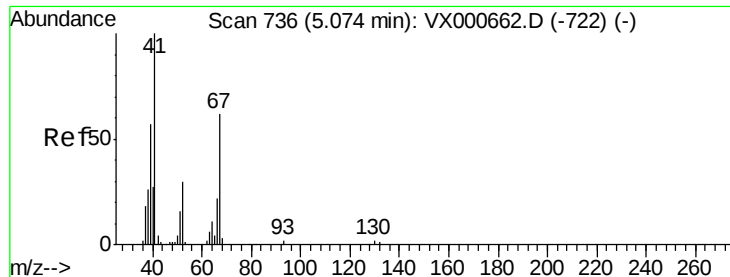
#40
Benzene
Concen: 20.04 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Tgt Ion: 78 Resp: 86882
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

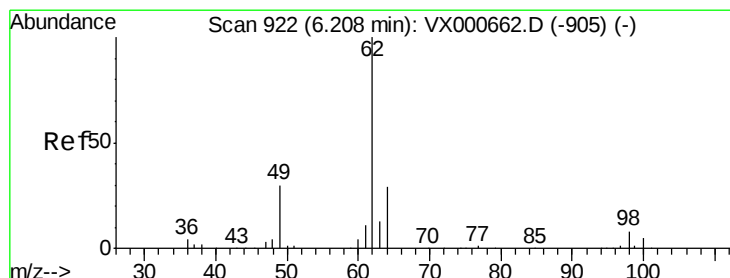
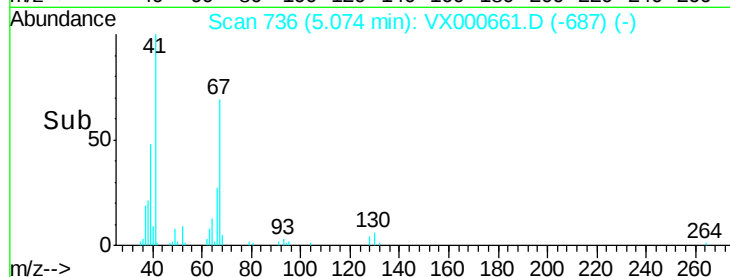
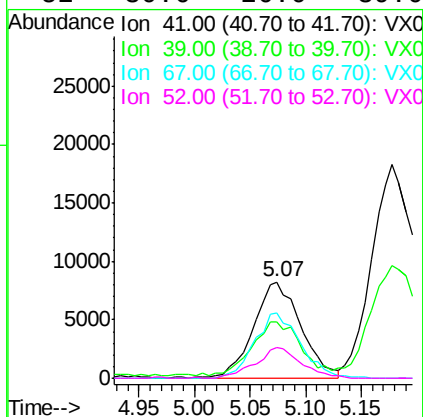
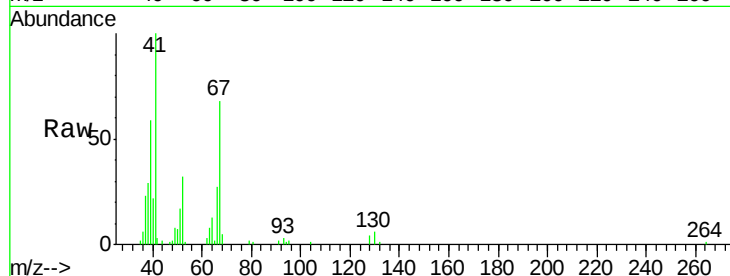




#41
Methacrylonitrile
Concen: 22.09 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

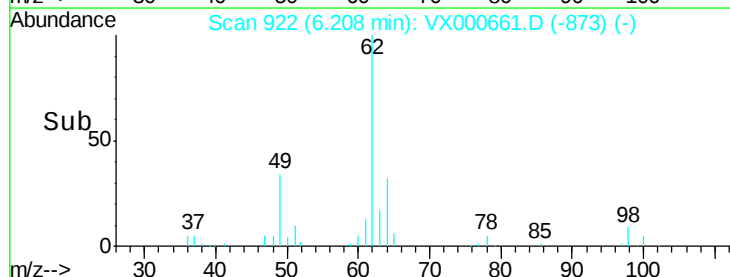
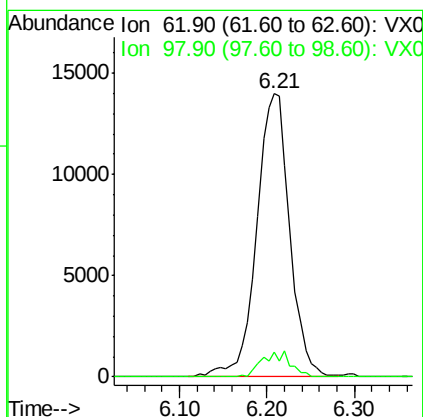
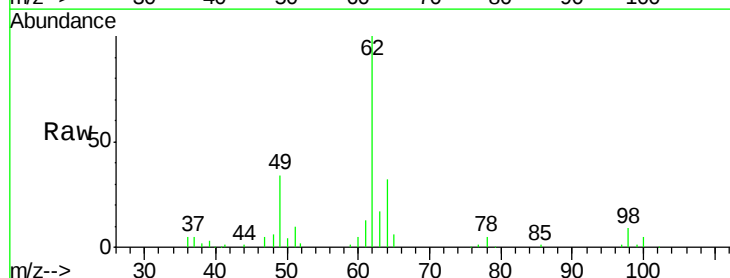
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

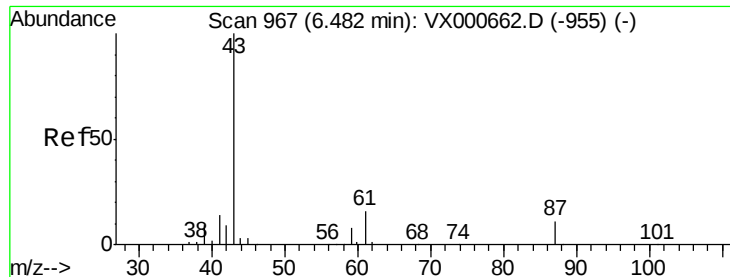
Tot Ion:	41	Resp:	24412
Ion	Ratio	Lower	Upper
41	100		
39	58.5	46.2	69.4
67	65.8	52.4	78.6
52	30.6	26.0	39.0



#42
1,2-Dichloroethane
Concen: 21.31 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Tgt Ion:	62	Resp:	36779
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.2



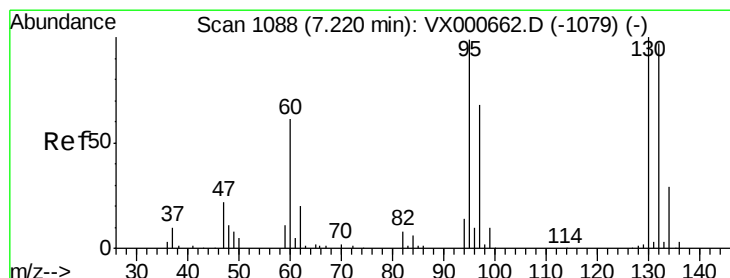
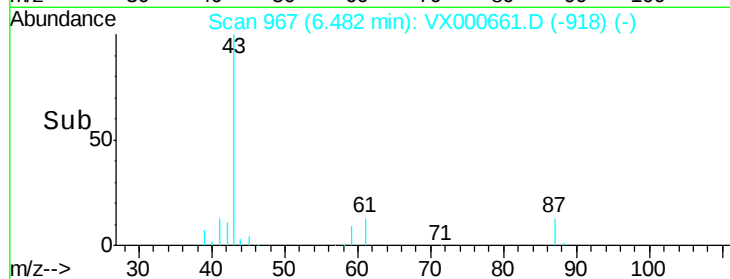
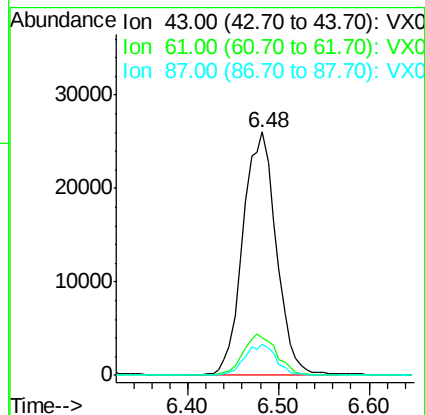
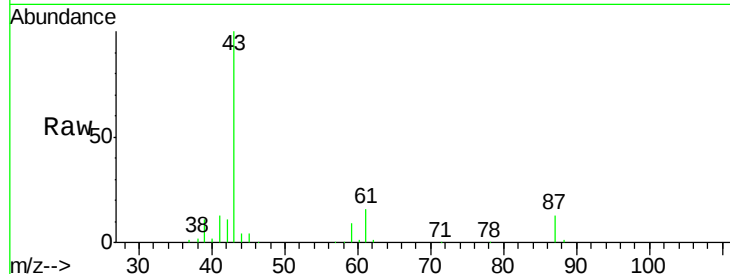


#43

Isopropyl Acetate
 Concen: 21.45 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

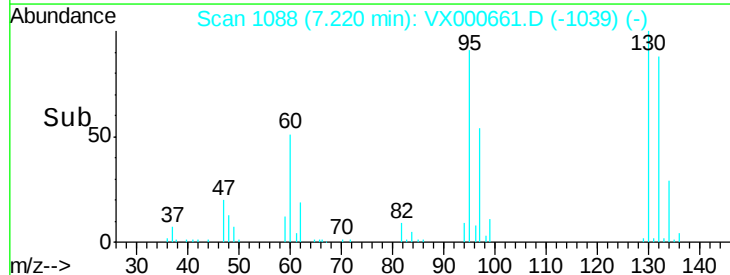
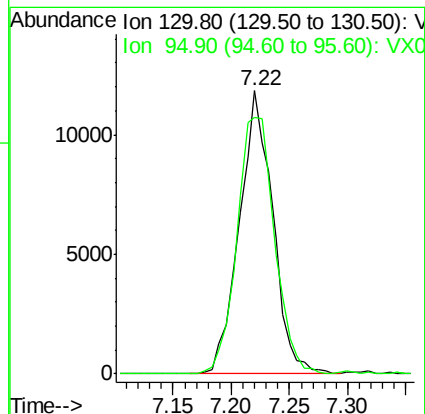
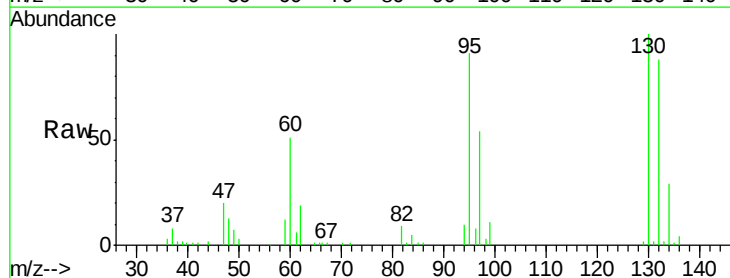
Tot Ion	43	Resp	66478
Ion Ratio	Lower	Upper	
43	100		
61	16.9	13.4	20.2
87	12.0	9.4	14.0

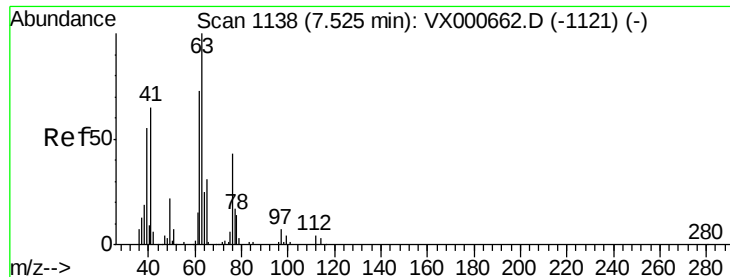


#44

Trichloroethene
 Concen: 19.13 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

Tgt Ion	130	Resp	23716
Ion Ratio	Lower	Upper	
130	100		
95	90.6	0.0	198.8

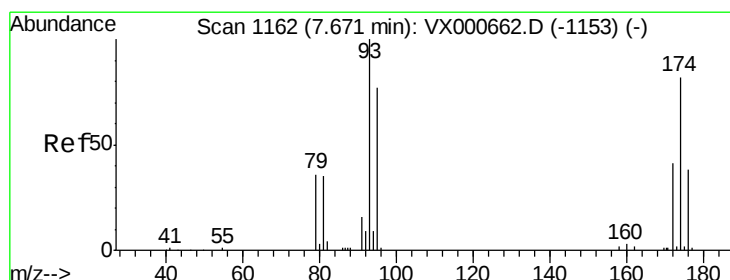
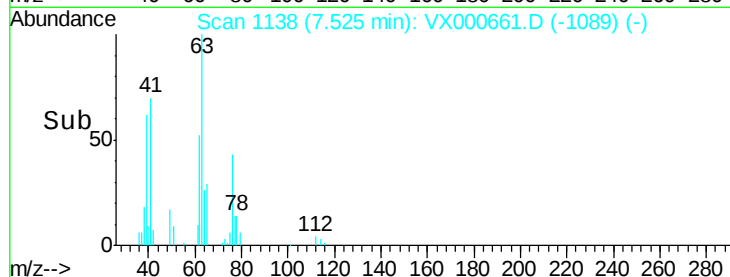
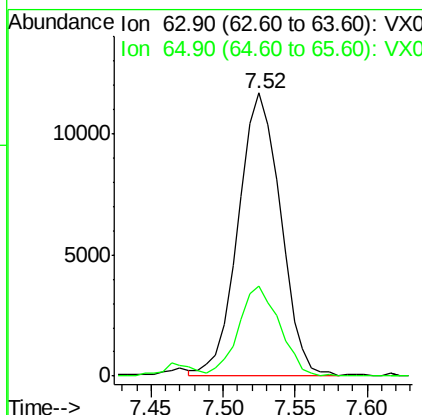
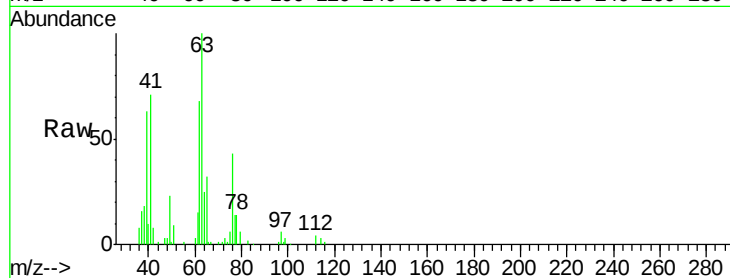




#45
 1,2-Dichloropropane
 Concen: 21.41 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

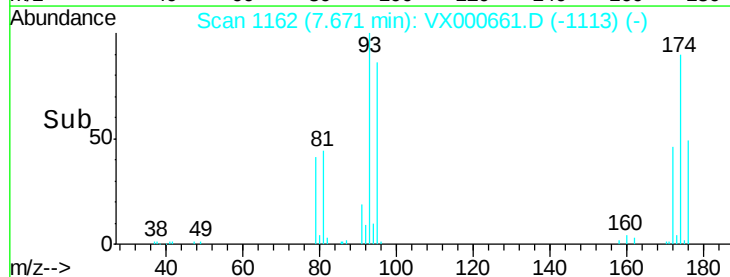
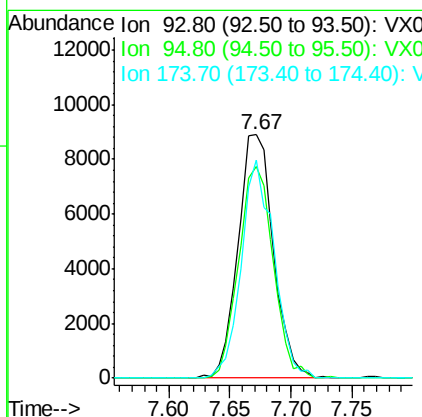
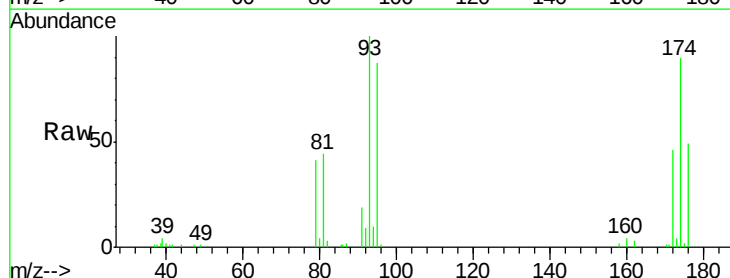
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

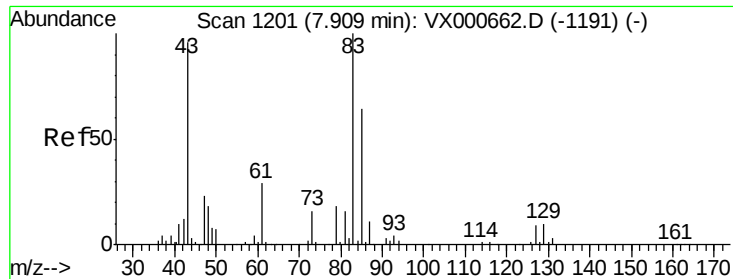
Tot Ion: 63 Resp: 23917
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.8 37.2



#46
 Dibromomethane
 Concen: 20.50 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

Tgt Ion: 93 Resp: 17923
 Ion Ratio Lower Upper
 93 100
 95 84.9 65.3 97.9
 174 83.0 70.2 105.4





#47

Bromodichloromethane

Concen: 20.78 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

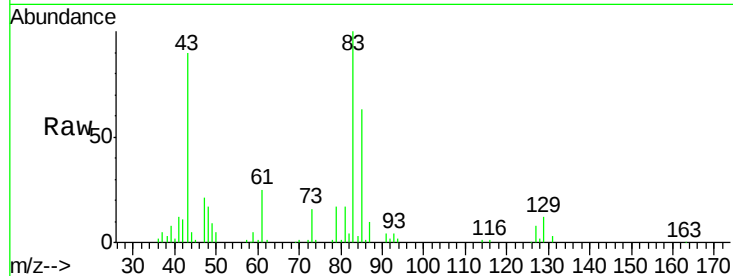
Tot Ion: 83 Resp: 32104

Ion Ratio Lower Upper

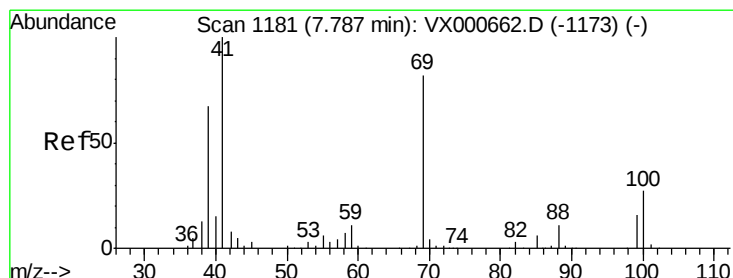
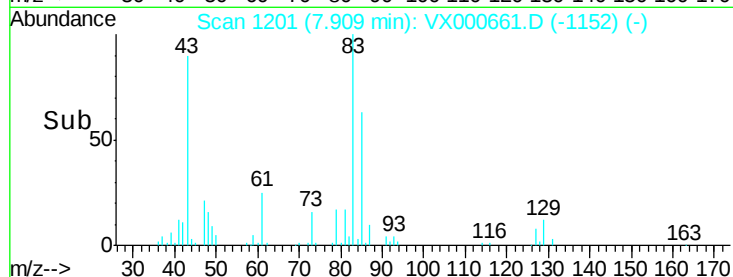
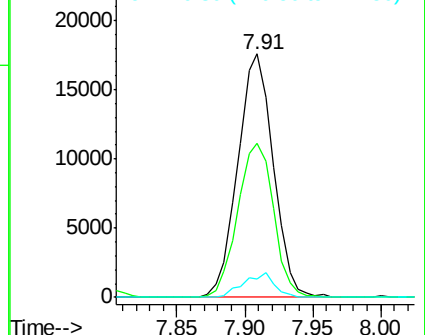
83 100

85 63.5 51.4 77.0

127 7.5 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.55 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

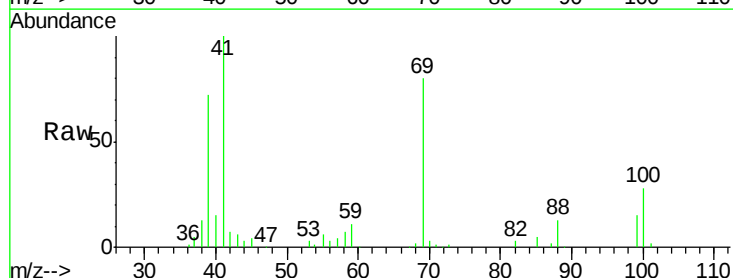
Tgt Ion: 41 Resp: 33946

Ion Ratio Lower Upper

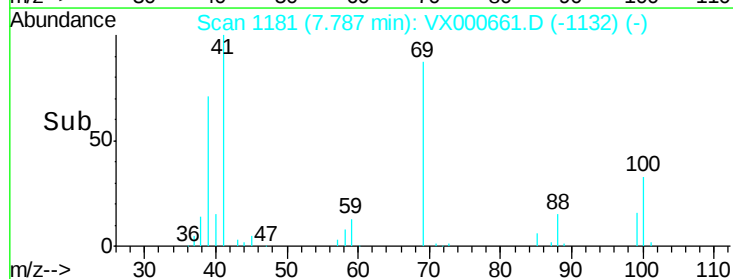
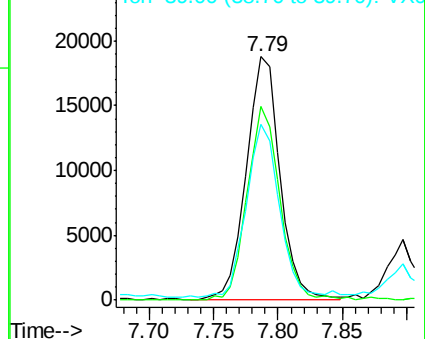
41 100

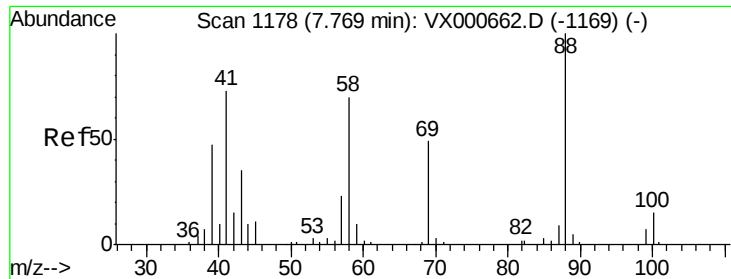
69 77.2 64.3 96.5

39 69.5 57.0 85.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

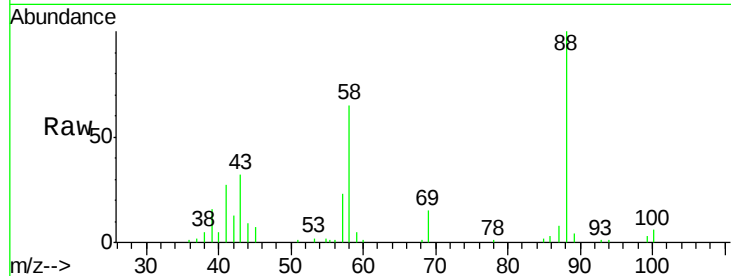




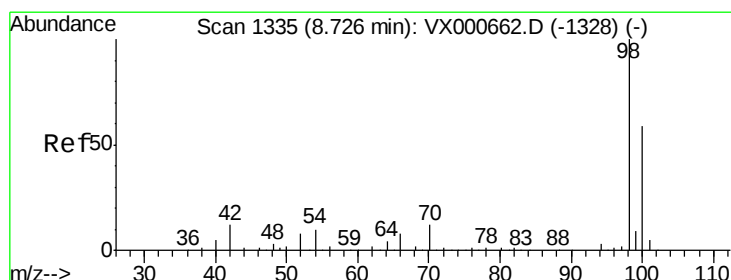
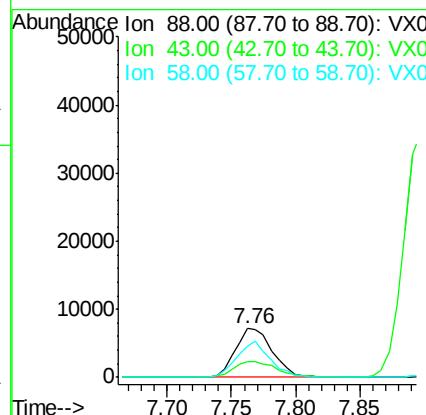
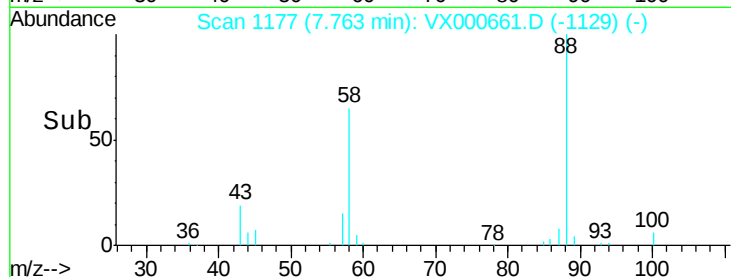
#49
1,4-Dioxane
Concen: 449.36 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 88 Resp: 14341
Ion Ratio Lower Upper
88 100
43 38.5 29.4 44.0
58 67.0 53.4 80.0

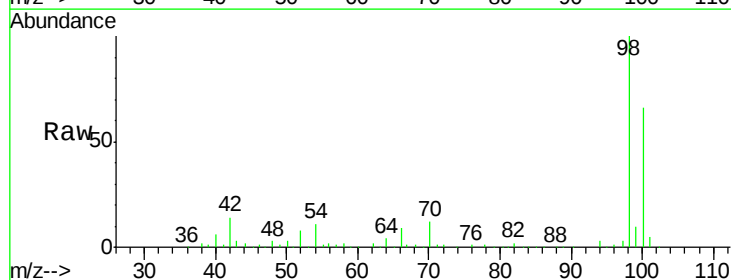


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

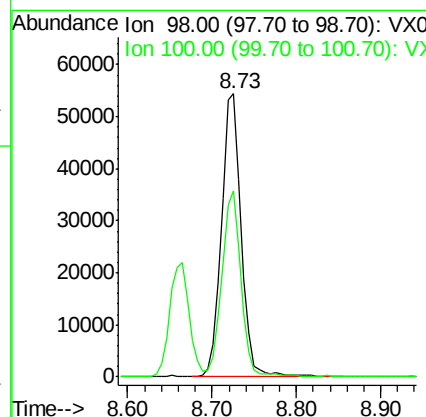
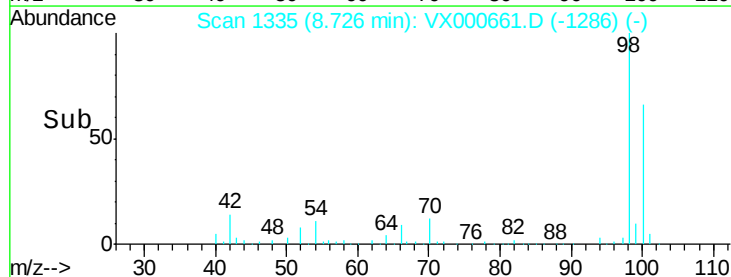


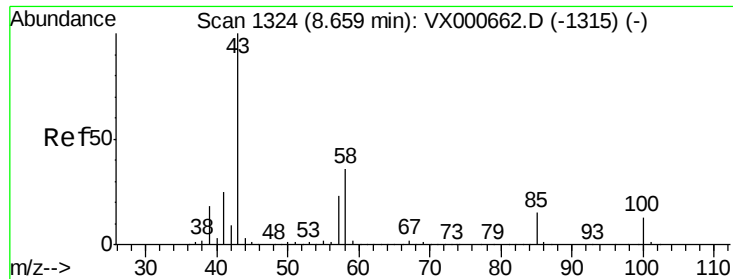
#50
Toluene-d8
Concen: 20.49 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Tgt Ion: 98 Resp: 88554
Ion Ratio Lower Upper
98 100
100 63.1 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 112.91 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

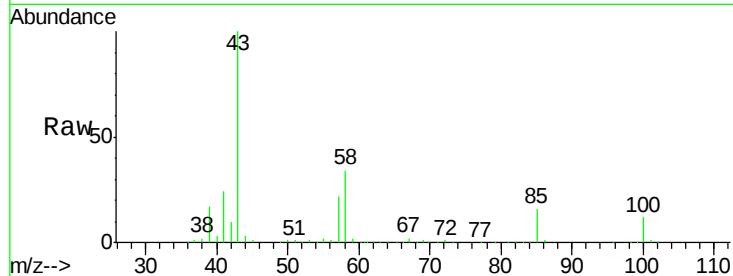
VSTDIC020

Tot Ion: 43 Resp: 274536

Ion Ratio Lower Upper

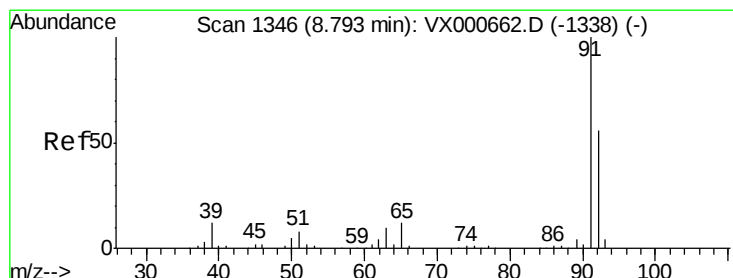
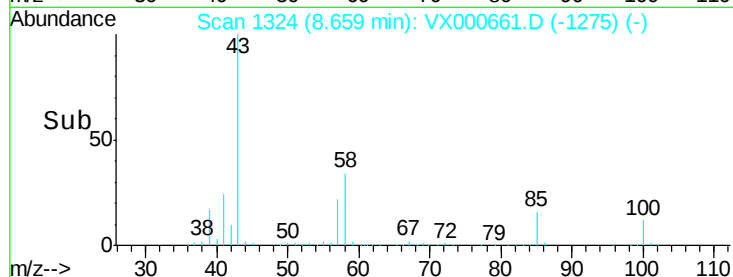
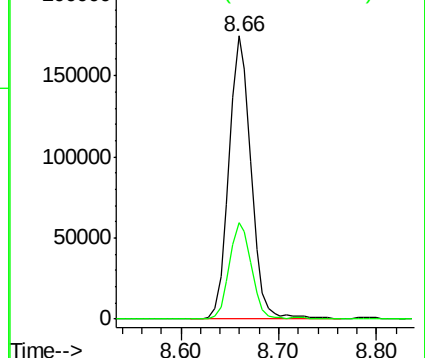
43 100

58 34.0 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.82 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000661.D

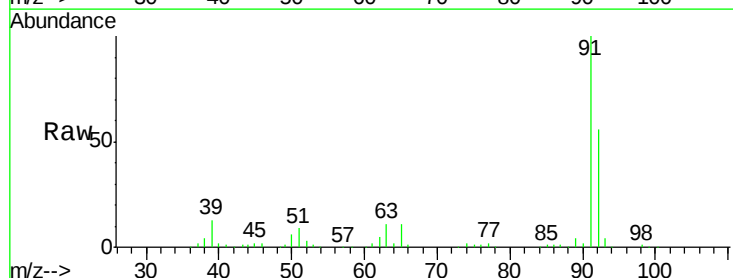
Acq: 04 Apr 2018 16:53

Tgt Ion: 92 Resp: 57363

Ion Ratio Lower Upper

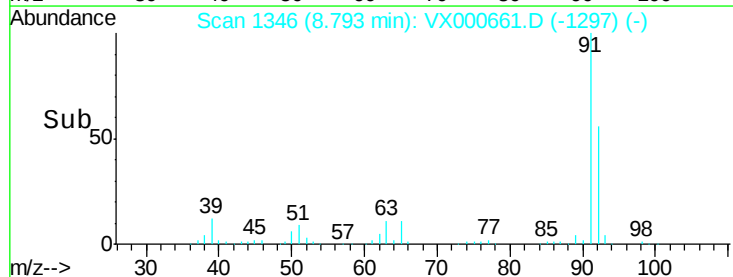
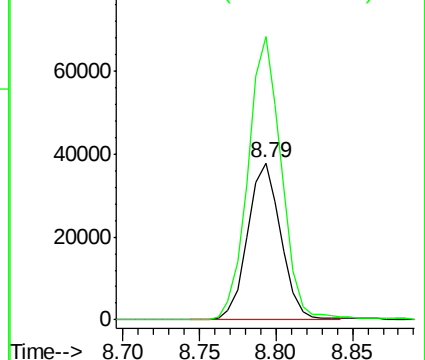
92 100

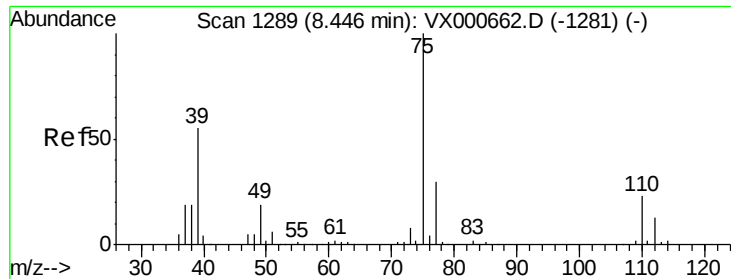
91 180.6 141.7 212.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.43 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampled :

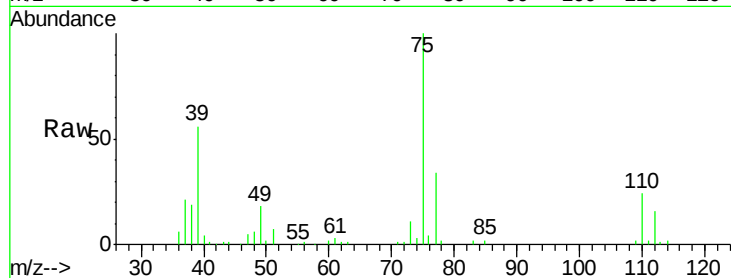
VSTDIC020

Tot Ion: 75 Resp: 34714

Ion Ratio Lower Upper

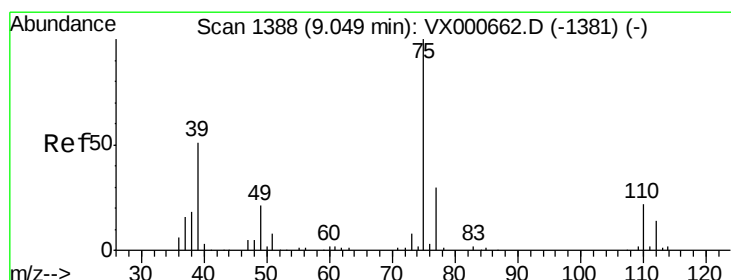
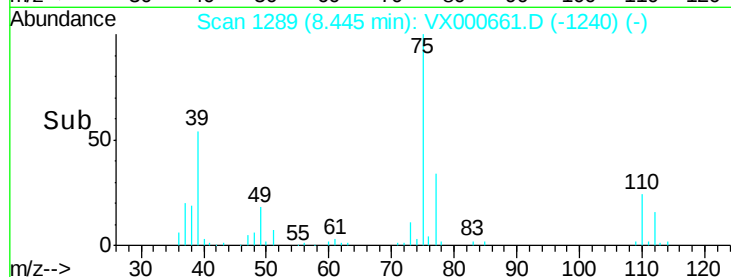
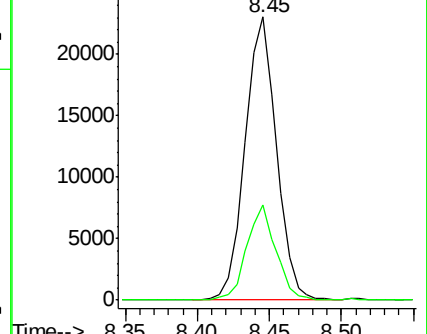
75 100

77 33.7 23.8 35.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.57 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

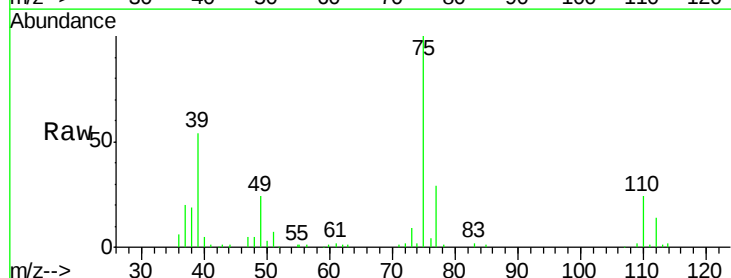
Tgt Ion: 75 Resp: 33978

Ion Ratio Lower Upper

75 100

77 29.2 24.1 36.1

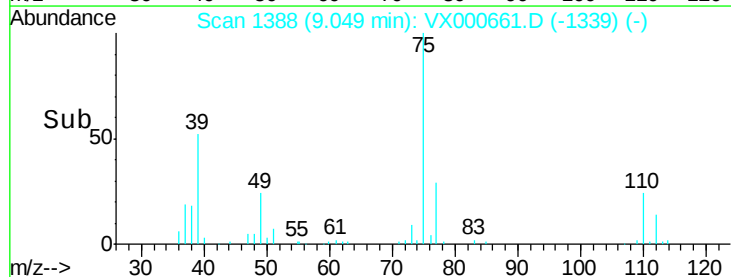
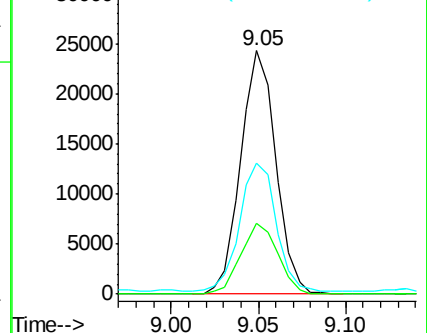
39 52.4 40.7 61.1

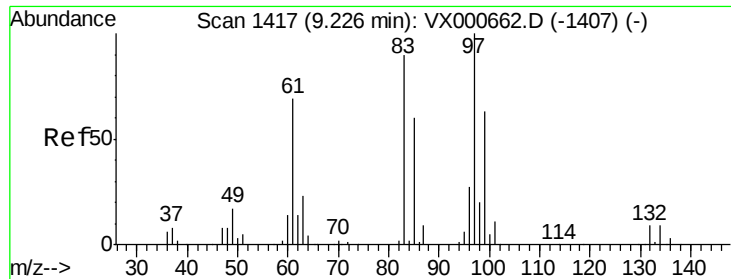


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

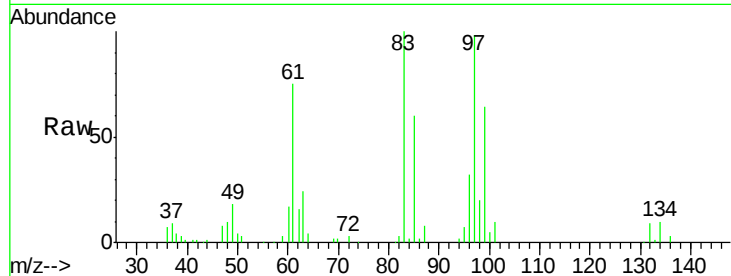




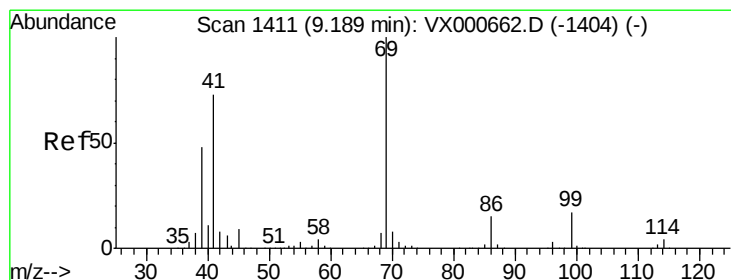
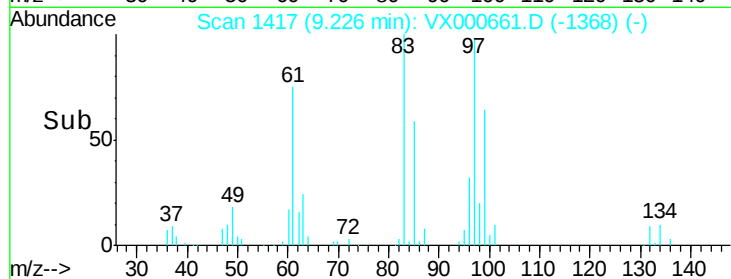
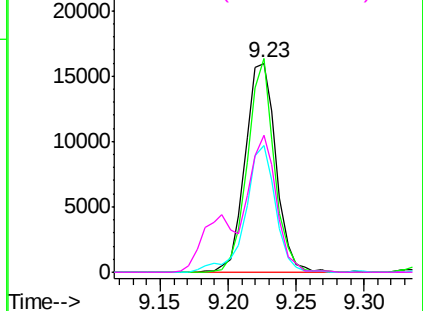
#55
 1,1,2-Trichloroethane
 Concen: 20.10 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 97 Resp: 25304
 Ion Ratio Lower Upper
 97 100
 83 102.2 72.1 108.1
 85 60.8 48.3 72.5
 99 65.5 51.0 76.6

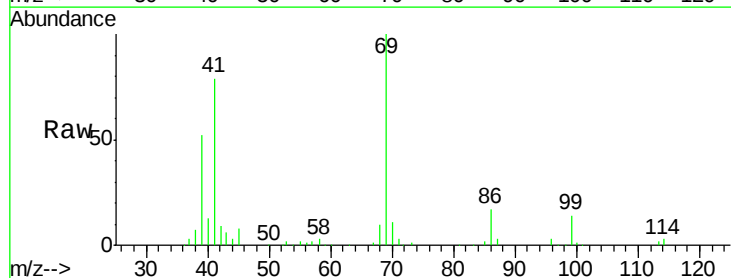


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

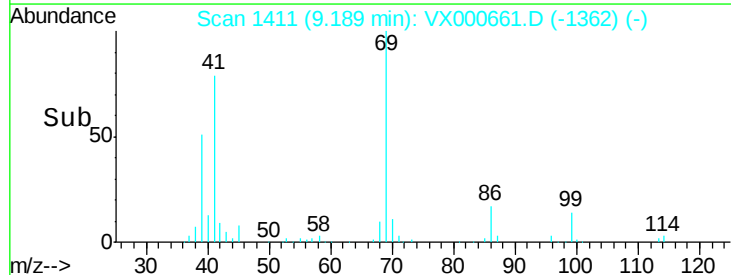
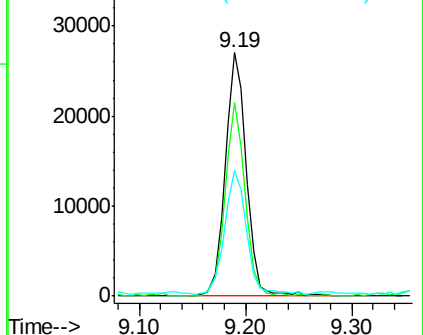


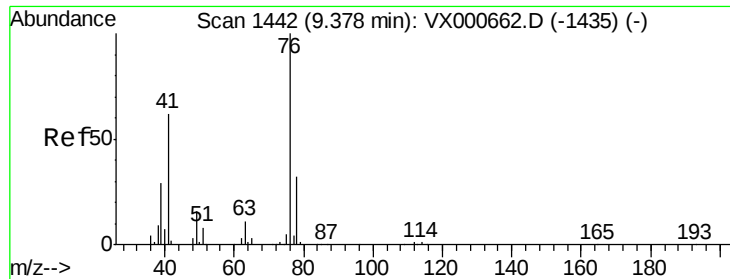
#56
 Ethyl methacrylate
 Concen: 19.53 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

Tgt Ion: 69 Resp: 37403
 Ion Ratio Lower Upper
 69 100
 41 75.6 56.5 84.7
 39 53.0 39.8 59.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

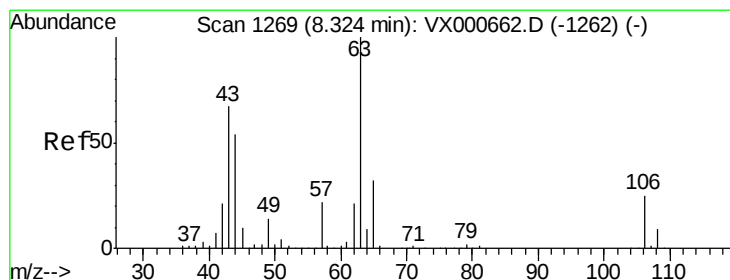
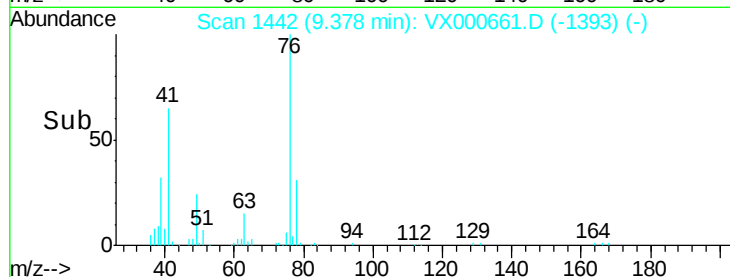
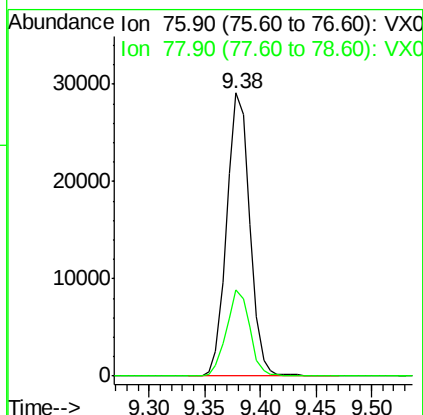
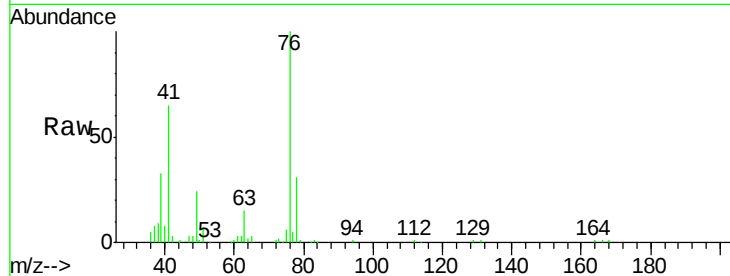




#57
 1,3-Dichloropropane
 Concen: 20.70 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

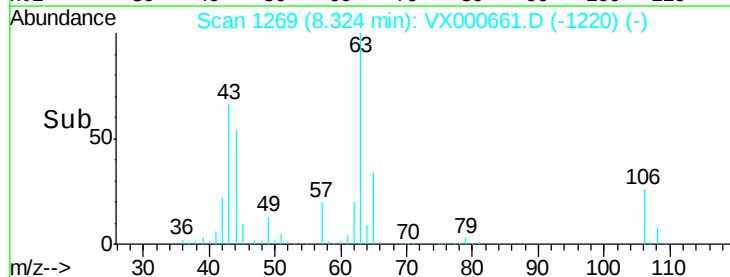
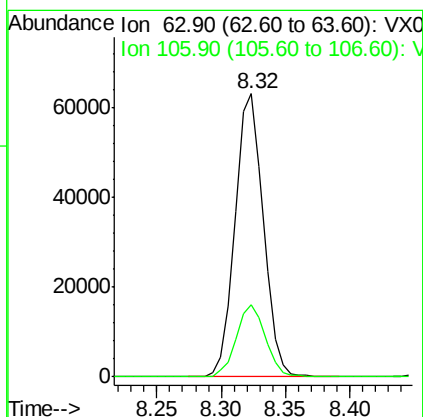
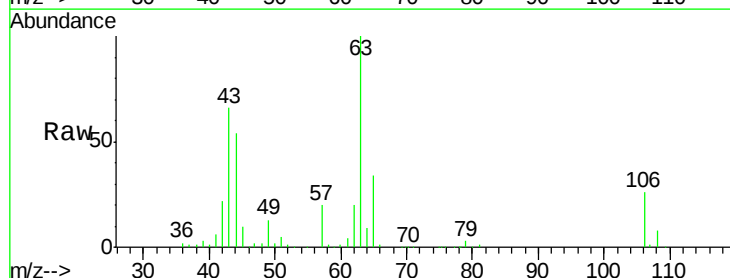
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

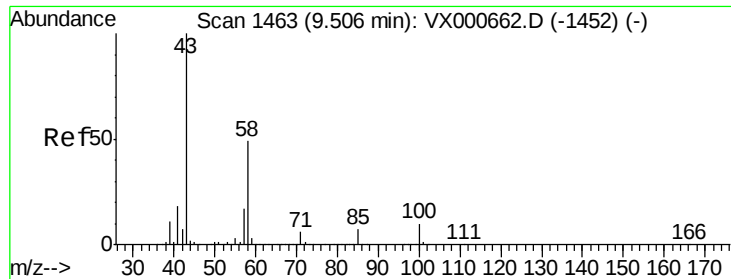
Tot Ion: 76 Resp: 41905
 Ion Ratio Lower Upper
 76 100
 78 30.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.97 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

Tgt Ion: 63 Resp: 96467
 Ion Ratio Lower Upper
 63 100
 106 26.1 20.5 30.7

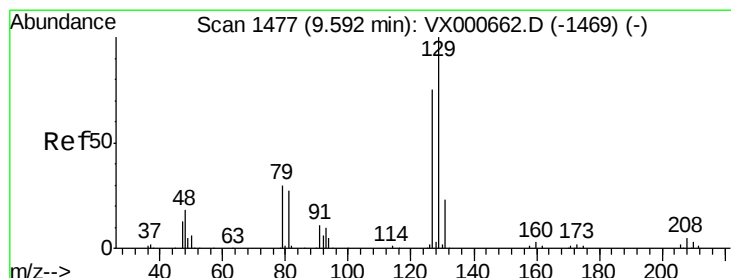
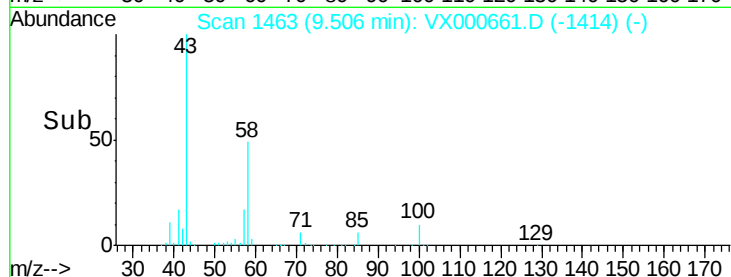
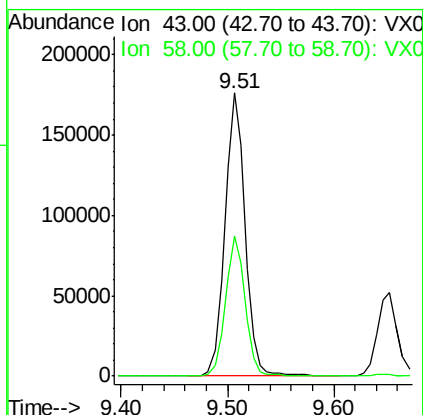
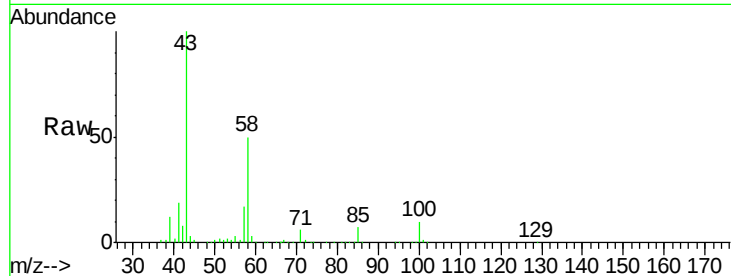




#59
2-Hexanone
Concen: 112.58 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

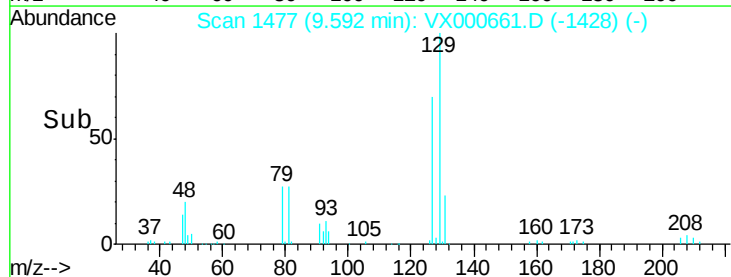
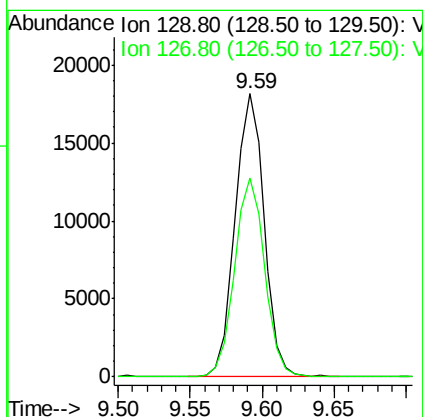
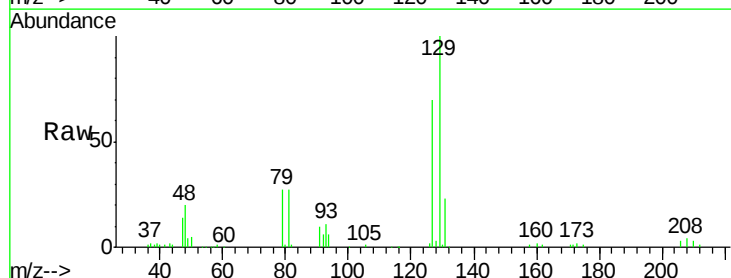
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

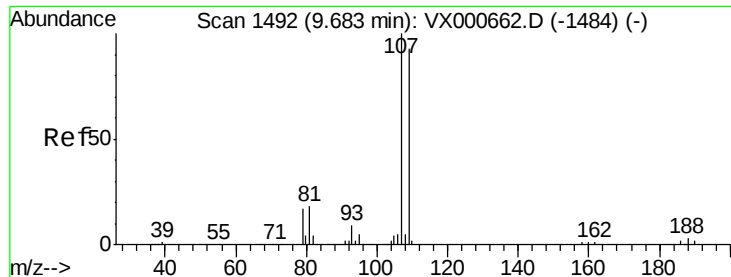
Tot Ion: 43 Resp: 233530
Ion Ratio Lower Upper
43 100
58 48.2 24.8 74.3



#60
Dibromochloromethane
Concen: 20.03 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Tgt Ion:129 Resp: 25595
Ion Ratio Lower Upper
129 100
127 72.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 19.69 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

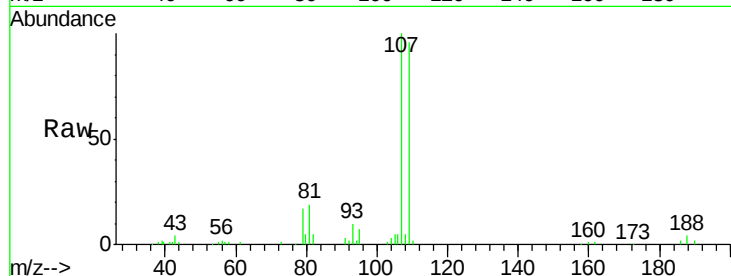
VSTDIC020

Tot Ion:107 Resp: 26504

Ion Ratio Lower Upper

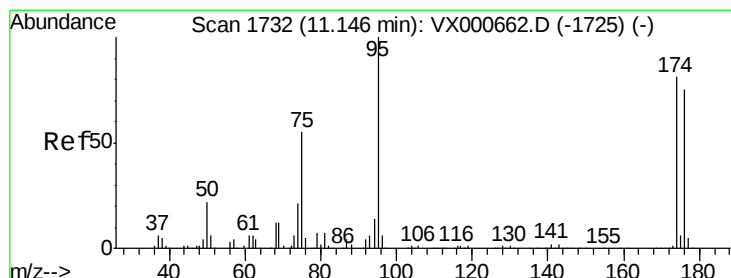
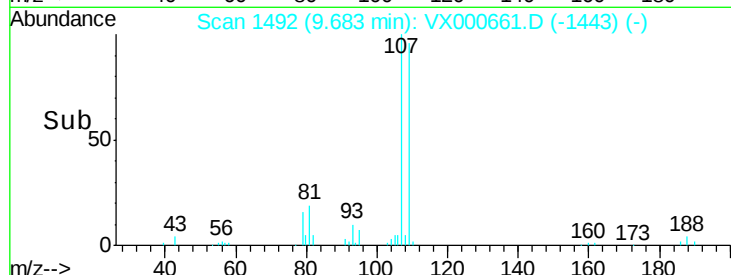
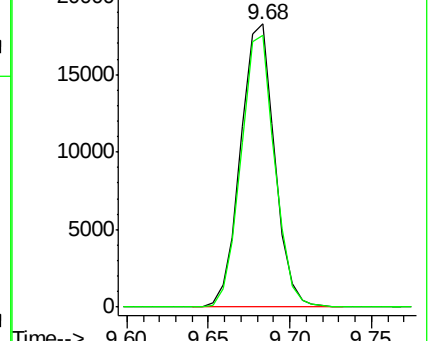
107 100

109 95.6 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: 19.55 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

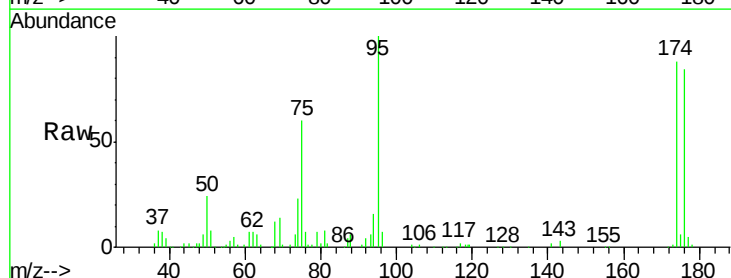
Tgt Ion: 95 Resp: 33415

Ion Ratio Lower Upper

95 100

174 84.5 0.0 156.8

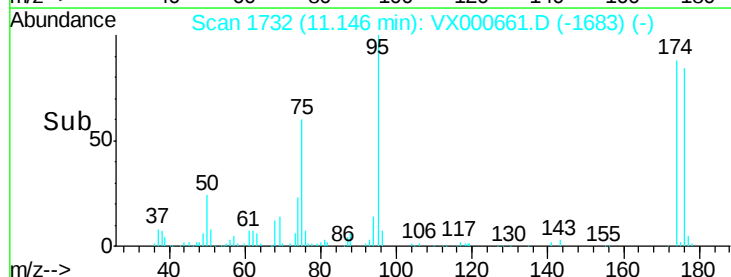
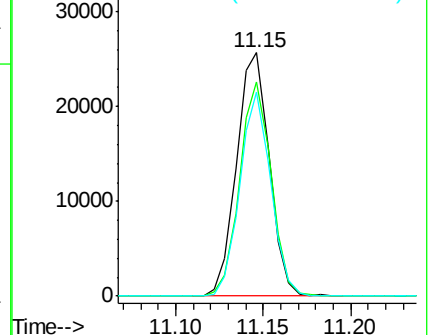
176 78.7 0.0 150.6

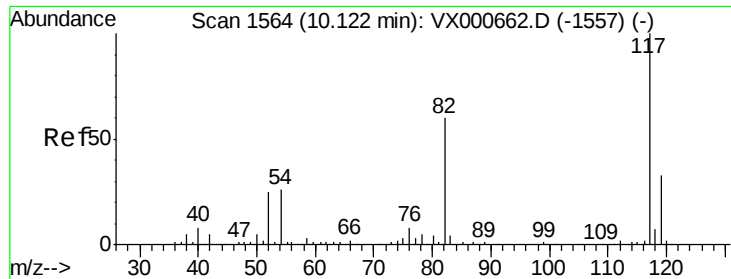


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

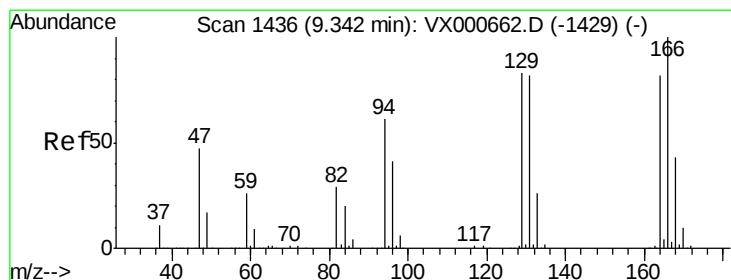
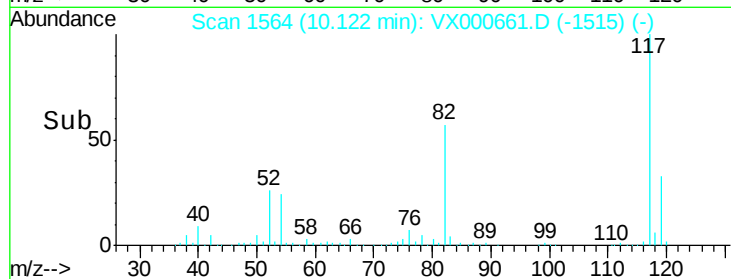
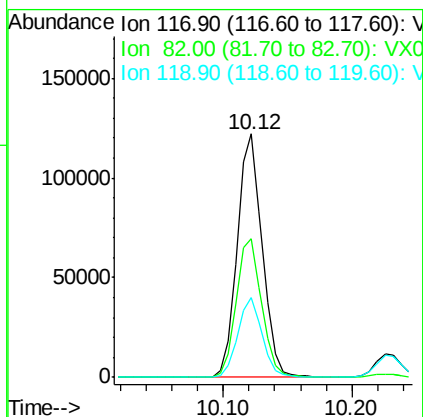
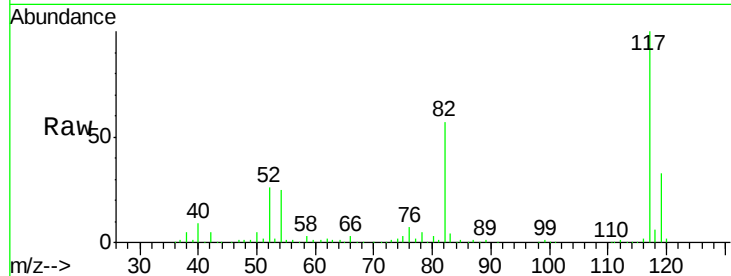




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

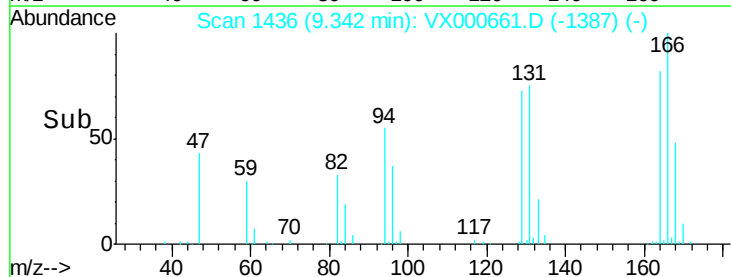
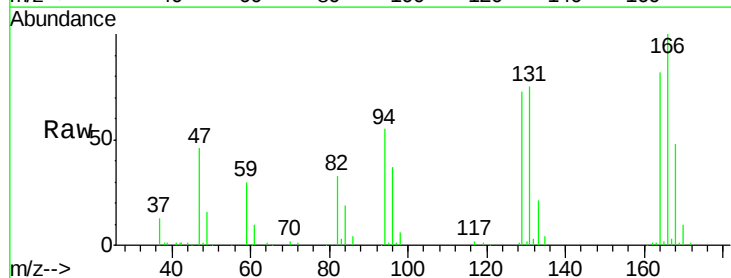
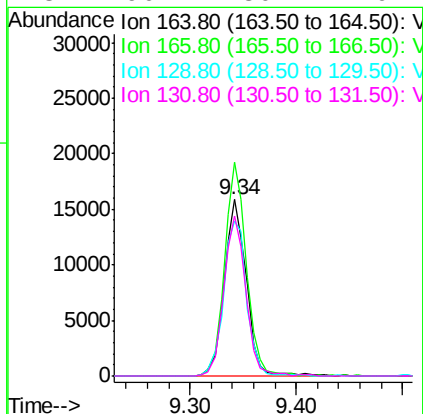
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

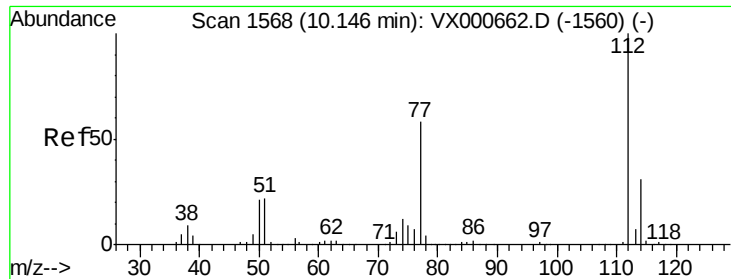
Tot Ion:117 Resp: 163904
Ion Ratio Lower Upper
117 100
82 56.8 48.3 72.5
119 32.9 26.0 39.0



#64
Tetrachloroethene
Concen: 18.66 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Tgt Ion:164 Resp: 23044
Ion Ratio Lower Upper
164 100
166 121.3 97.8 146.8
129 88.3 81.3 121.9
131 90.7 80.2 120.2

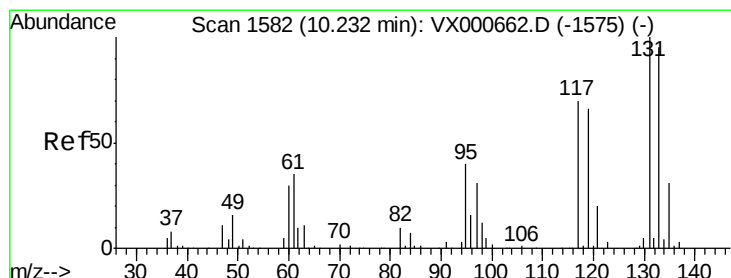
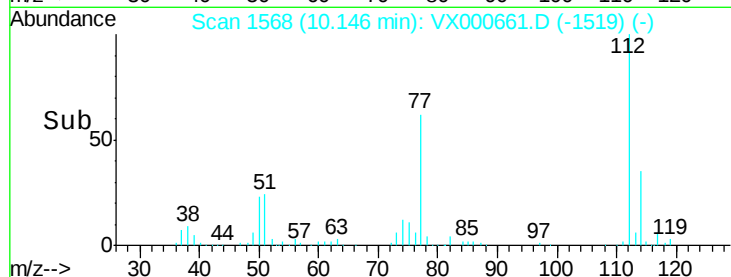
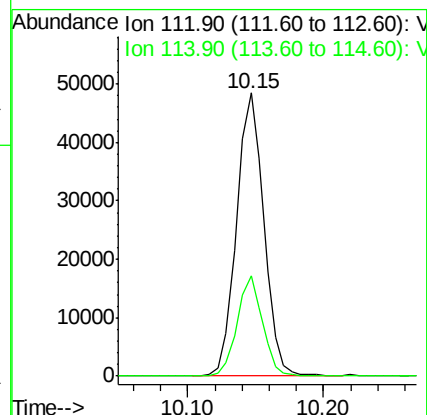
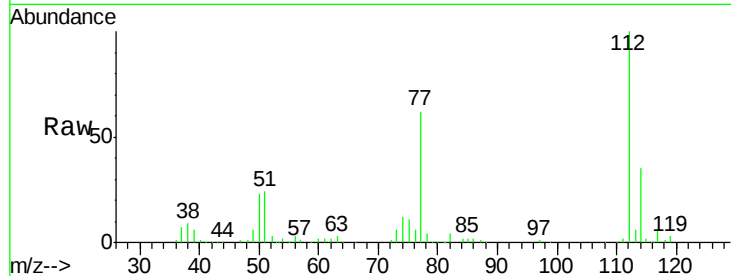




#65
Chlorobenzene
Concen: 18.93 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

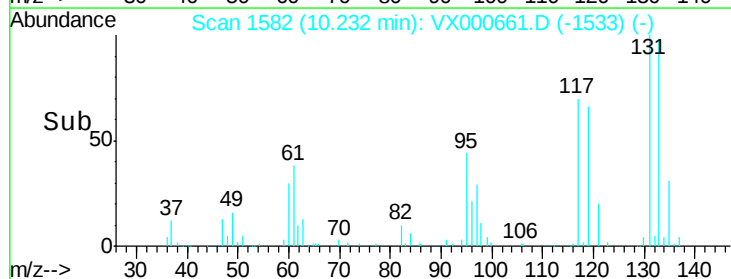
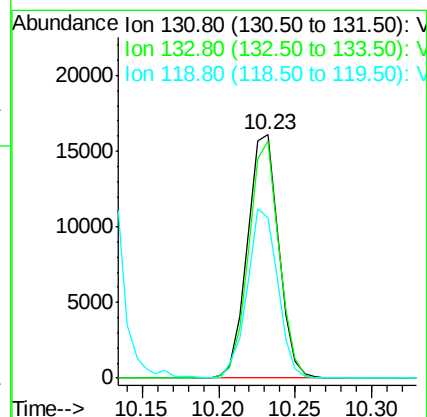
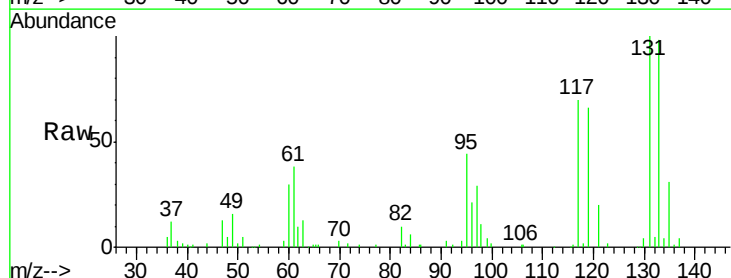
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

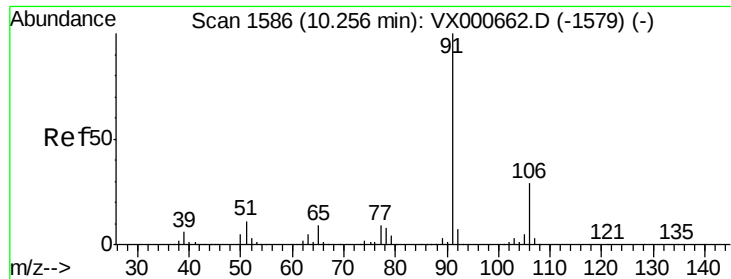
Tot Ion:112 Resp: 67674
Ion Ratio Lower Upper
112 100
114 35.4 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.05 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Tgt Ion:131 Resp: 22809
Ion Ratio Lower Upper
131 100
133 94.5 49.0 147.2
119 68.0 34.9 104.8





#67

Ethyl Benzene

Concen: 20.23 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

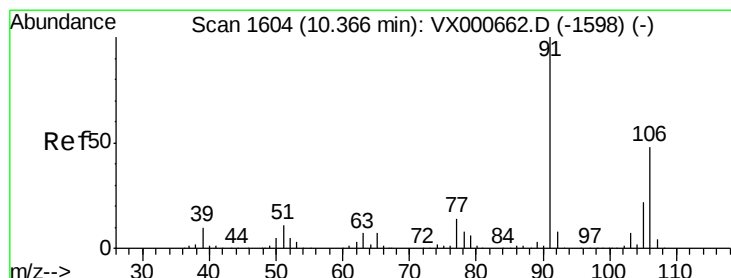
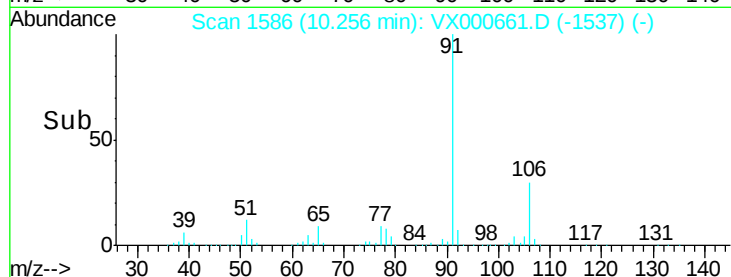
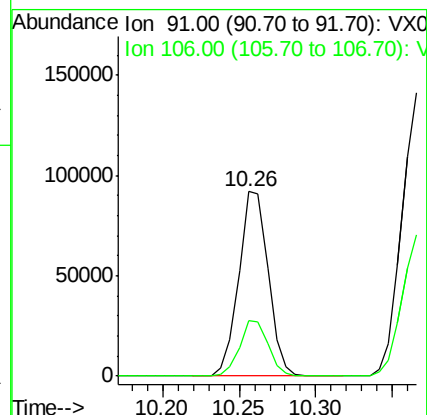
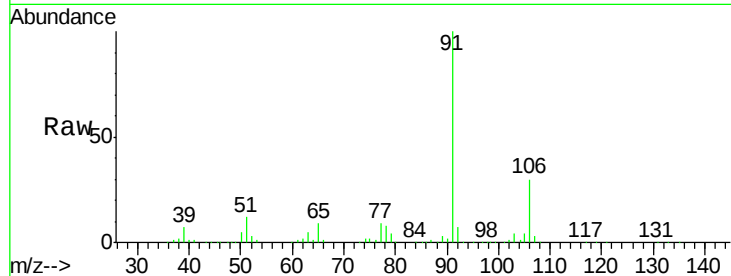
VSTDIC020

Tot Ion: 91 Resp: 123298

Ion Ratio Lower Upper

91 100

106 30.1 23.4 35.2



#68

m/p-Xylenes

Concen: 39.01 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000661.D

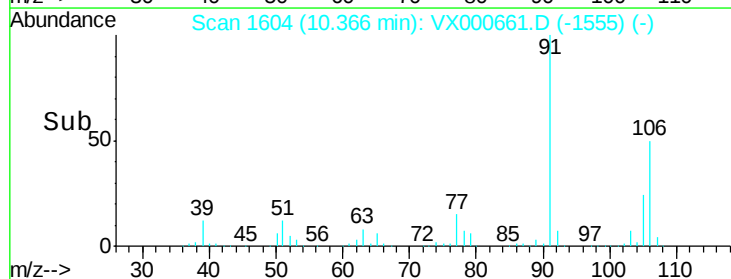
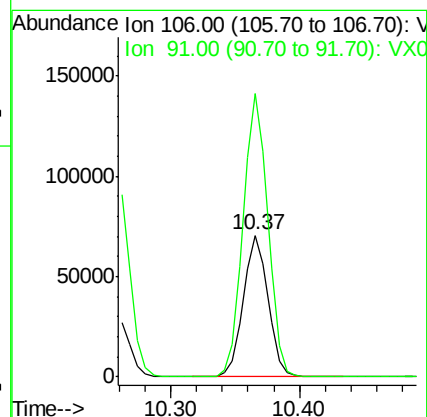
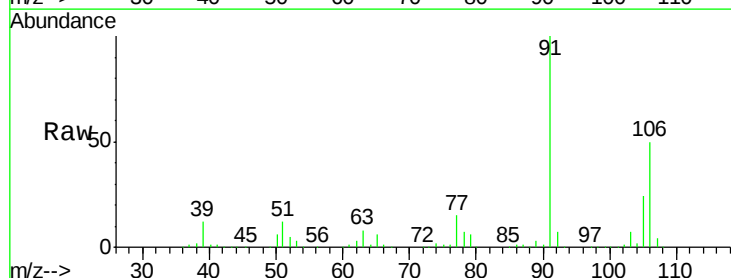
Acq: 04 Apr 2018 16:53

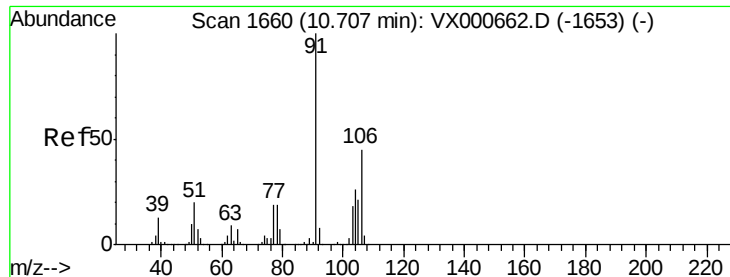
Tgt Ion: 106 Resp: 93273

Ion Ratio Lower Upper

106 100

91 201.4 167.0 250.6

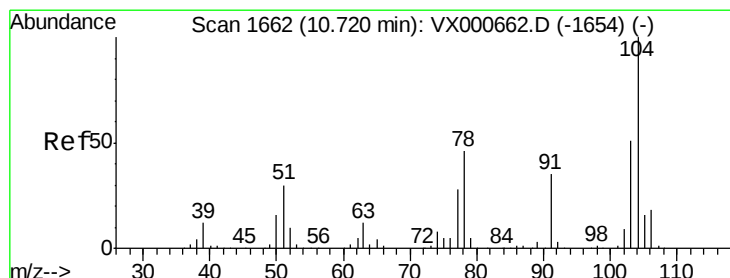
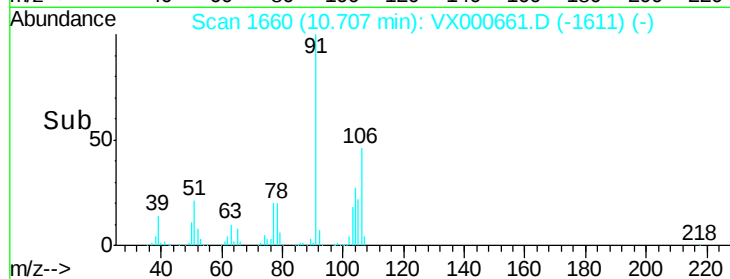
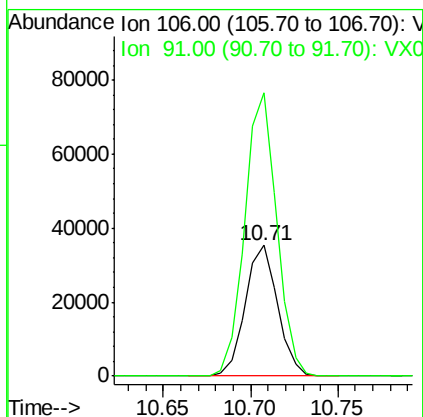
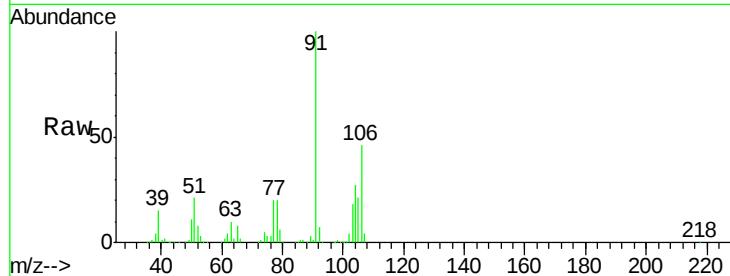




#69
o-Xylene
Concen: 19.64 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

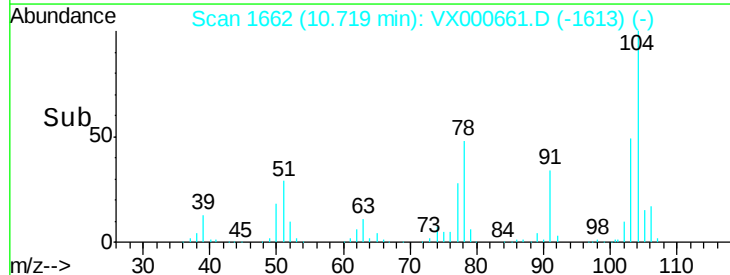
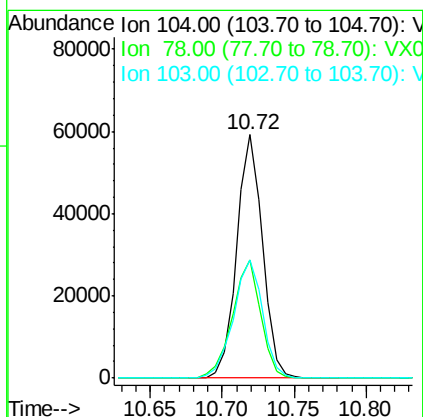
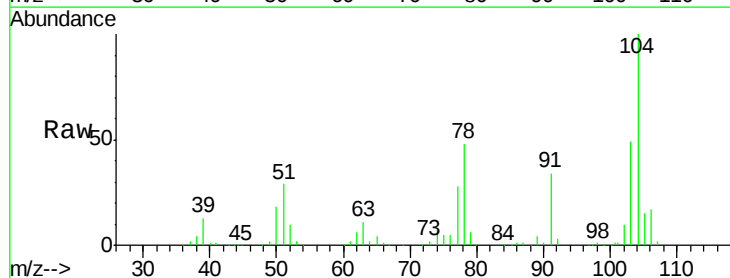
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

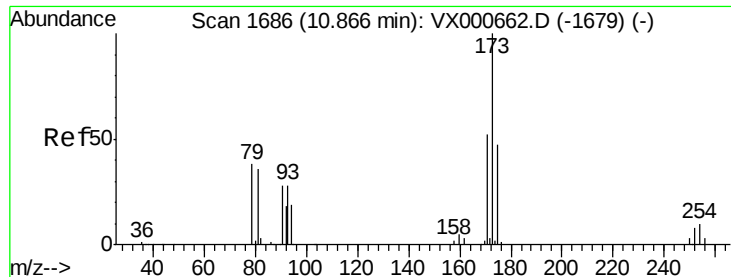
Tot Ion:106 Resp: 45322
Ion Ratio Lower Upper
106 100
91 214.5 111.6 334.6



#70
Styrene
Concen: 19.30 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Tgt Ion:104 Resp: 73951
Ion Ratio Lower Upper
104 100
78 53.4 41.9 62.9
103 55.1 45.3 67.9





#71

Bromoform

Concen: 16.98 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

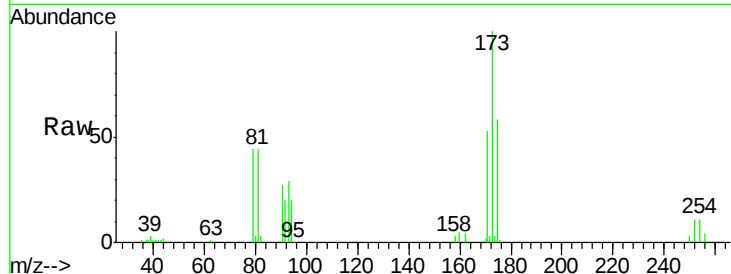
Tot Ion:173 Resp: 18110

Ion Ratio Lower Upper

173 100

175 47.9 24.0 72.0

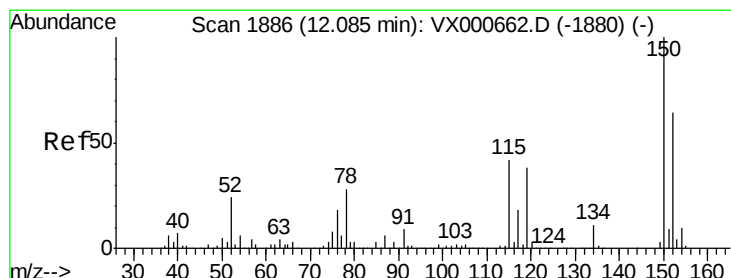
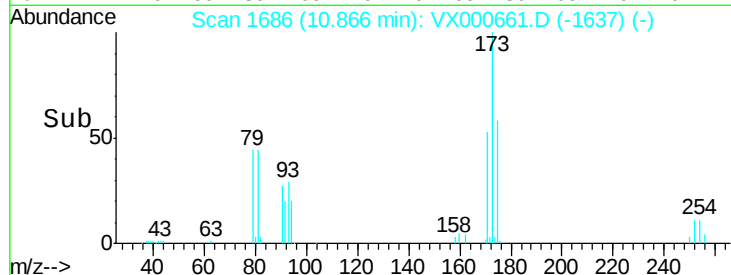
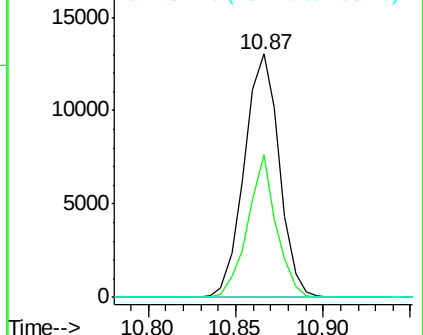
254 0.0 0.0 0.0



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: VX000661.D

Acq: 04 Apr 2018 16:53

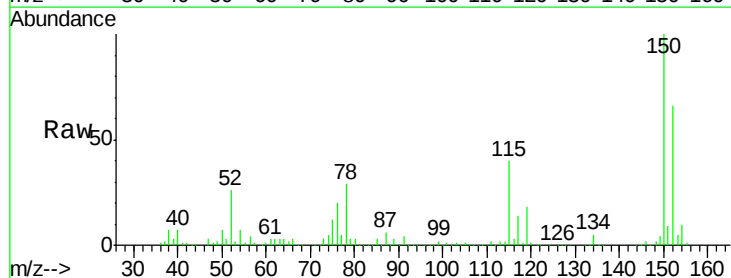
Tgt Ion:152 Resp: 94135

Ion Ratio Lower Upper

152 100

115 69.7 41.9 125.8

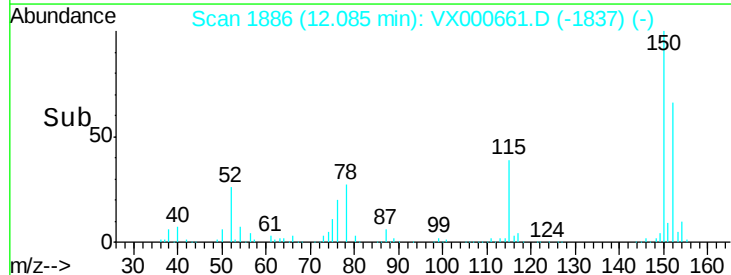
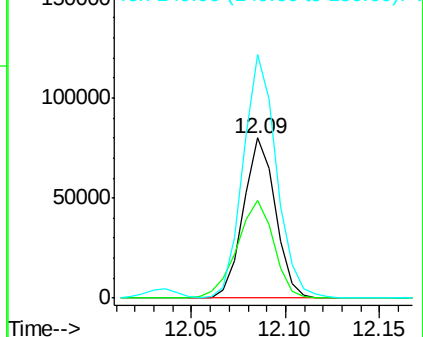
150 159.2 0.0 348.0

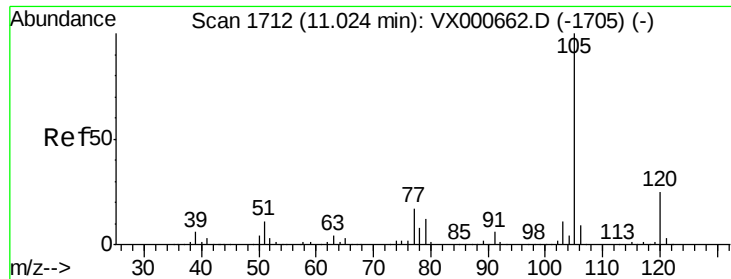


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.16 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

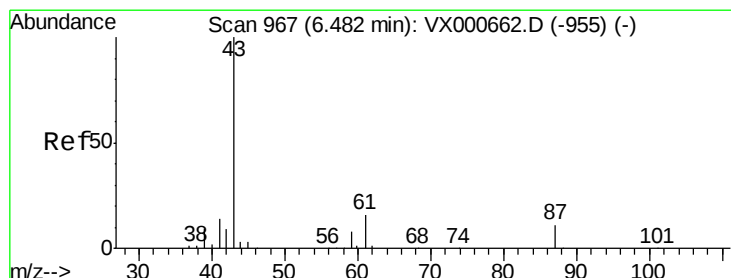
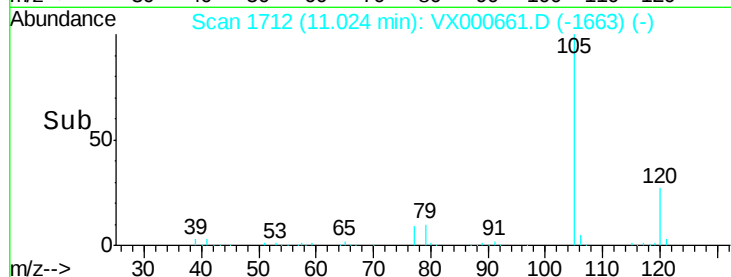
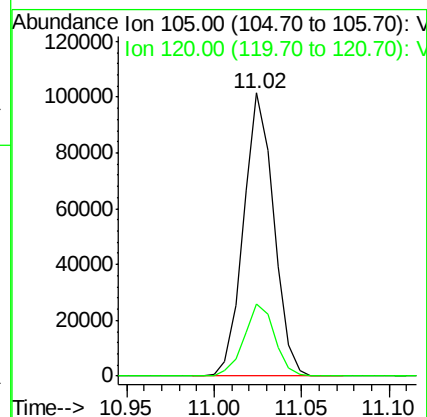
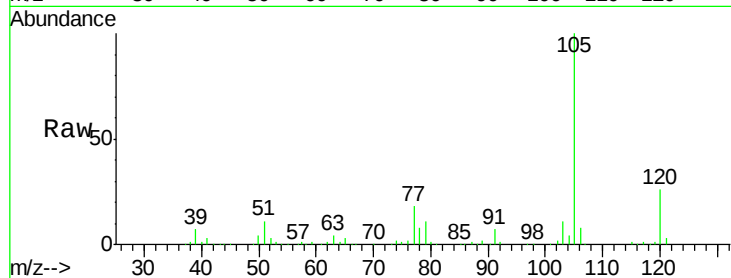
VSTDIC020

Tot Ion:105 Resp: 122126

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#74

N-ethyl acetate

Concen: 21.78 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Tgt Ion: 43 Resp: 66478

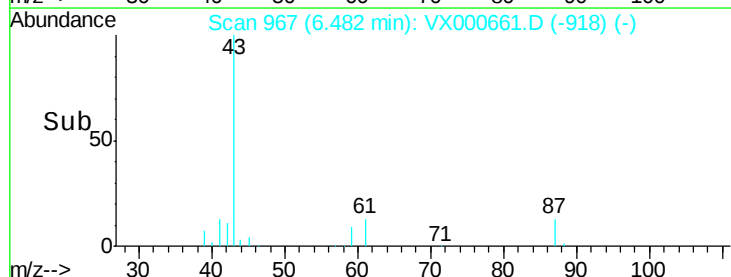
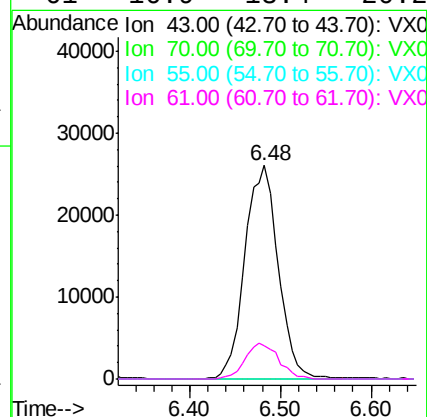
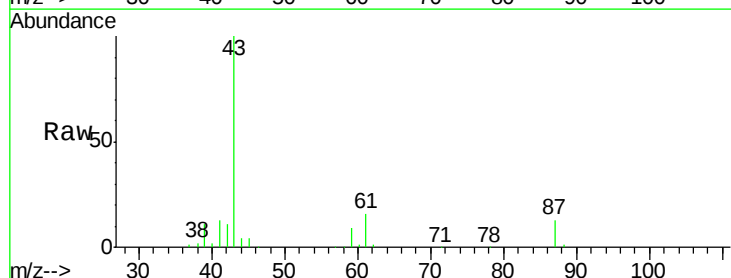
Ion Ratio Lower Upper

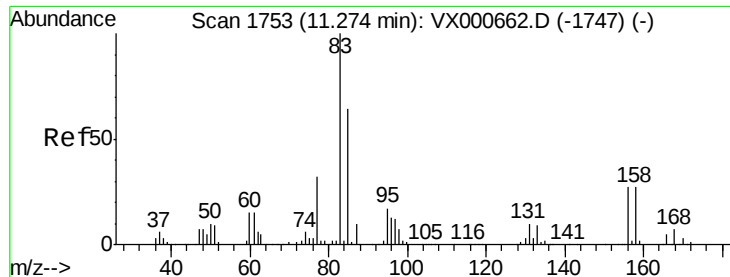
43 100

70 0.1 0.0 0.0#

55 0.0 0.0 0.0

61 16.9 13.4 20.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.33 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

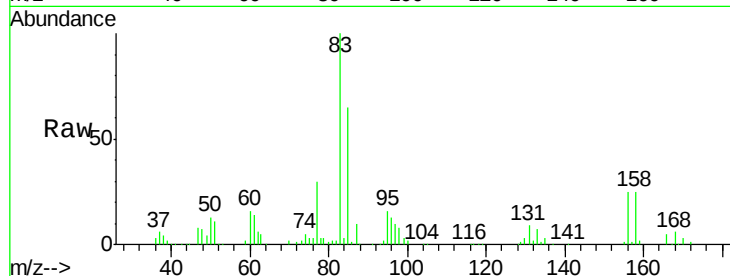
Tot Ion: 83 Resp: 46095

Ion Ratio Lower Upper

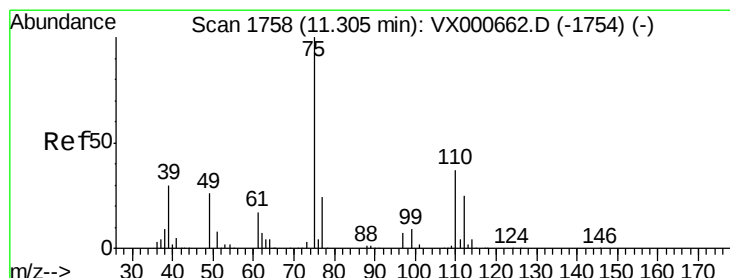
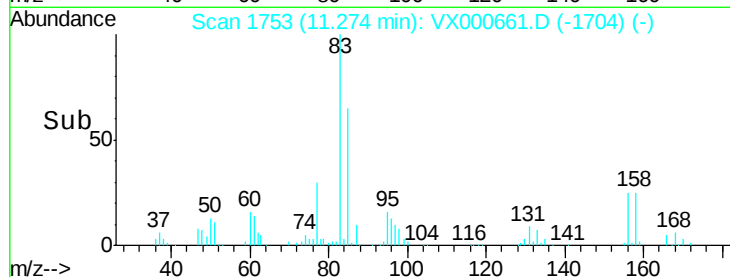
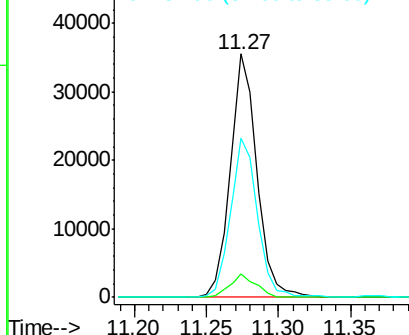
83 100

131 9.2 4.7 14.1

85 66.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.26 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000661.D

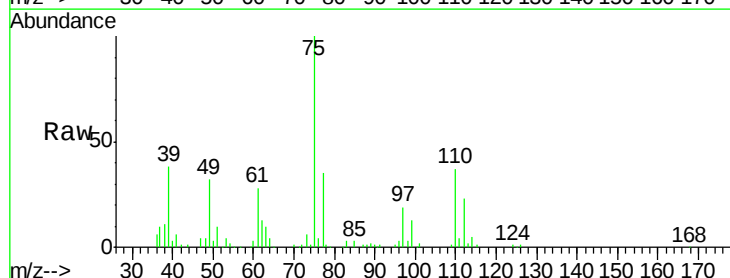
Acq: 04 Apr 2018 16:53

Tgt Ion: 75 Resp: 54209

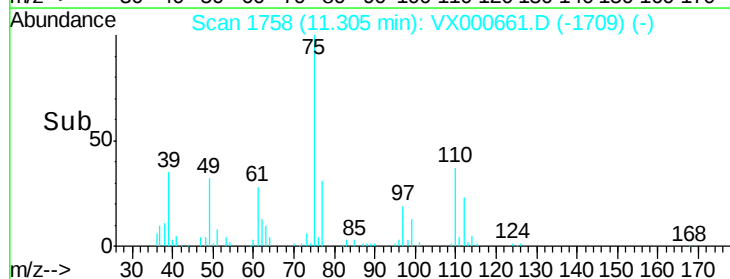
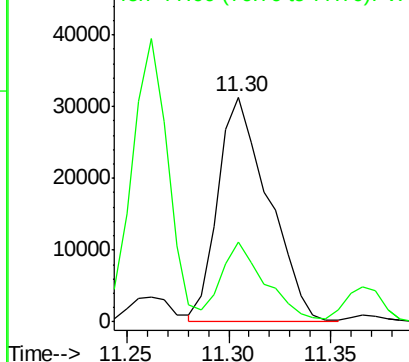
Ion Ratio Lower Upper

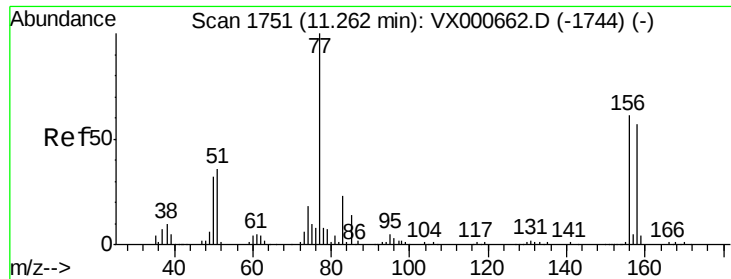
75 100

77 31.1 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.96 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

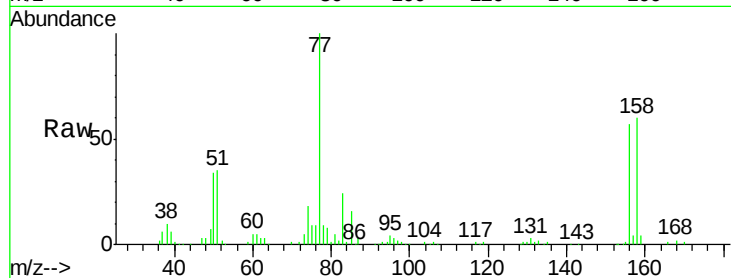
Tot Ion:156 Resp: 28914

Ion Ratio Lower Upper

156 100

77 168.3 82.3 246.9

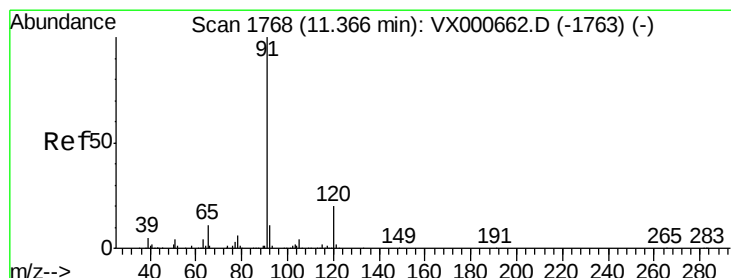
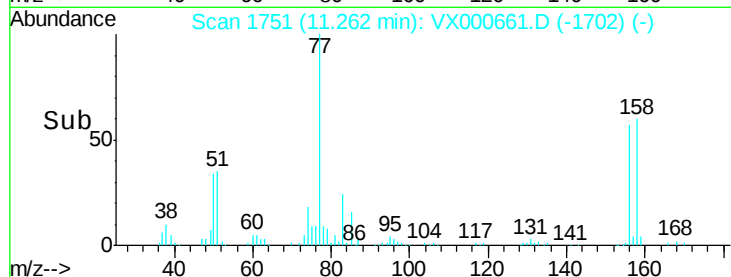
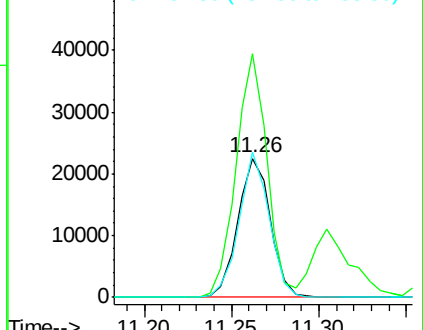
158 97.0 46.9 140.7



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: 20.57 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000661.D

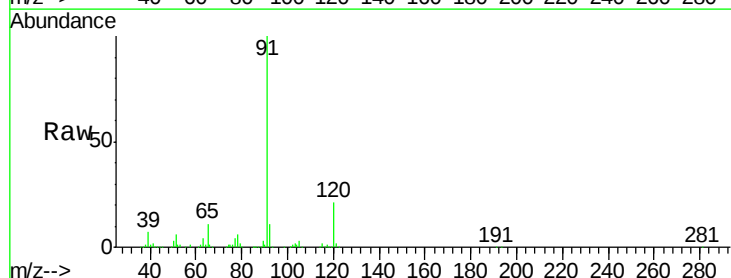
Acq: 04 Apr 2018 16:53

Tgt Ion: 91 Resp: 150184

Ion Ratio Lower Upper

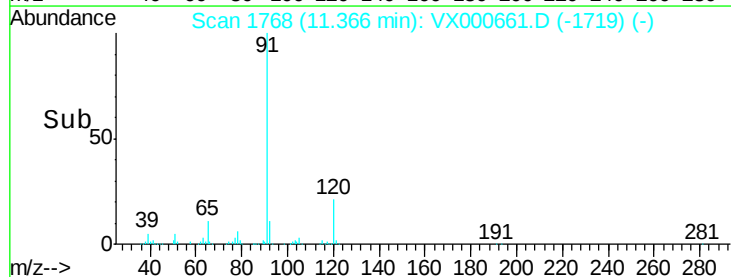
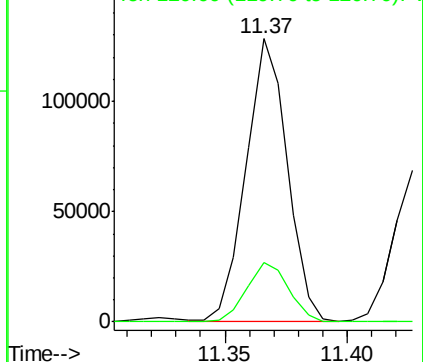
91 100

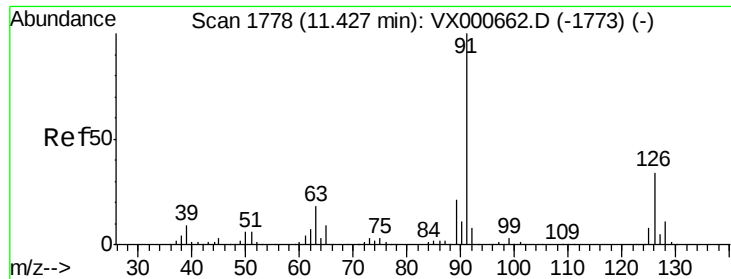
120 21.8 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

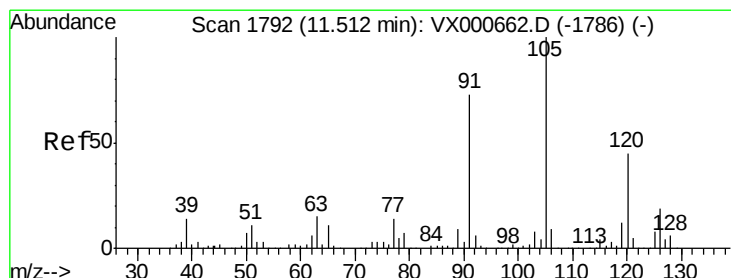
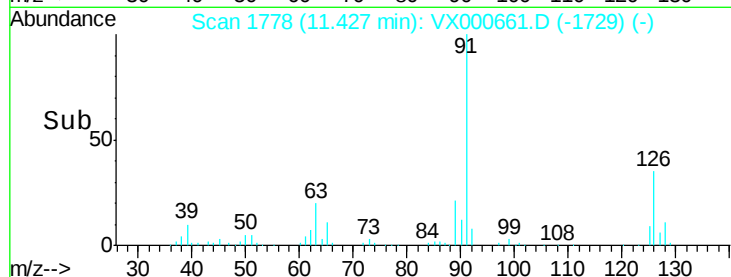
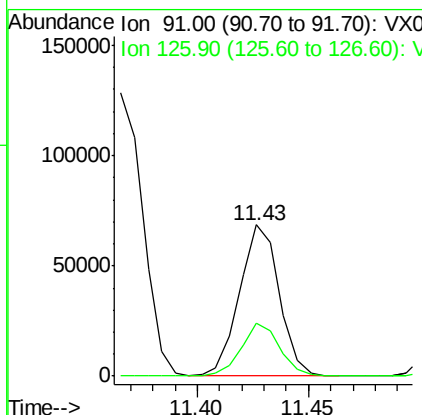
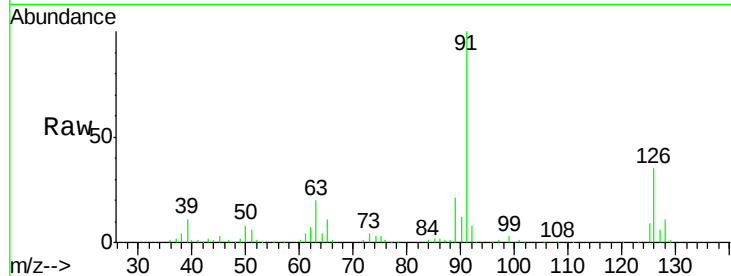




#79
 2-Chlorotoluene
 Concen: 20.24 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

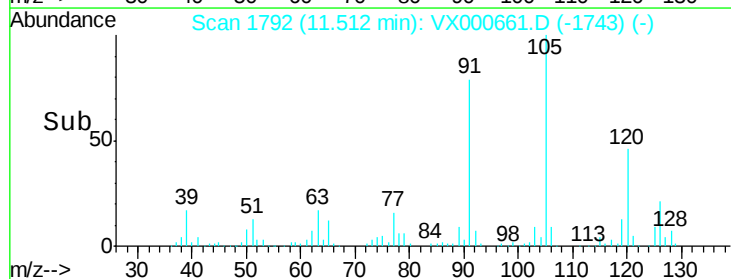
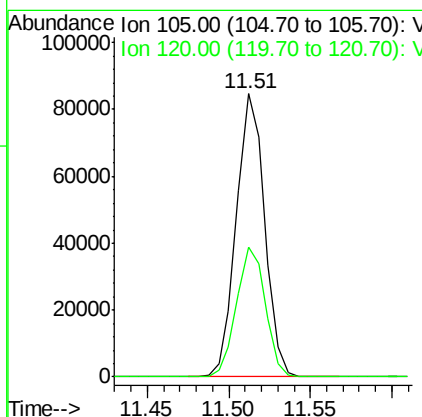
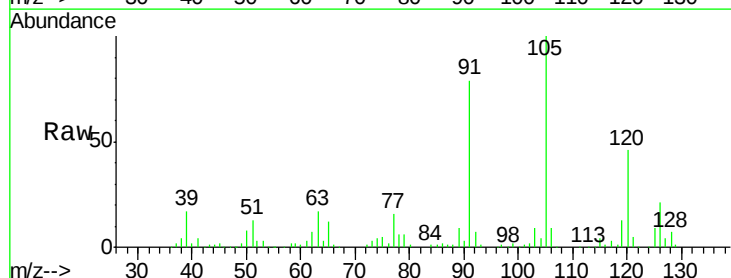
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

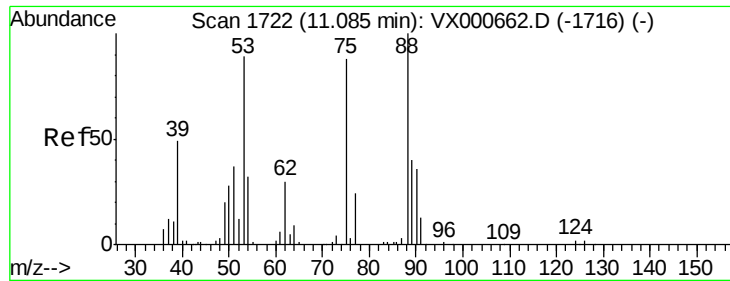
Tot Ion: 91 Resp: 85207
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.08 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

Tgt Ion: 105 Resp: 102867
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.96 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

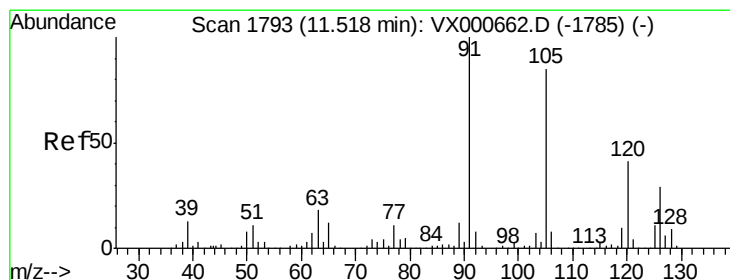
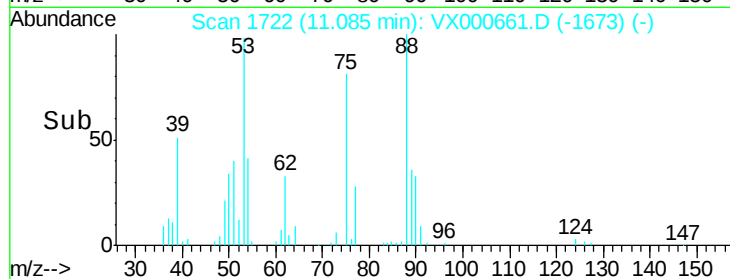
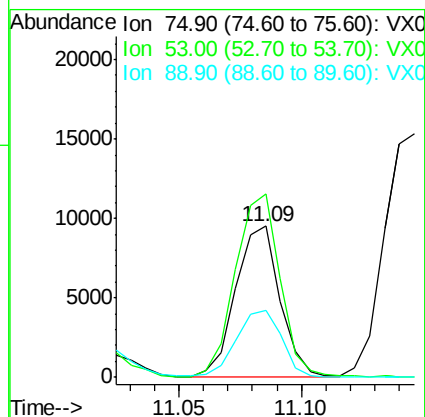
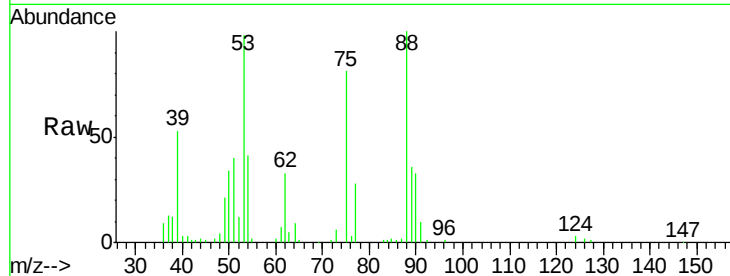
Tot Ion: 75 Resp: 12082

Ion Ratio Lower Upper

75 100

53 122.5 85.7 128.5

89 45.1 36.3 54.5



#82

4-Chlorotoluene

Concen: 20.18 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000661.D

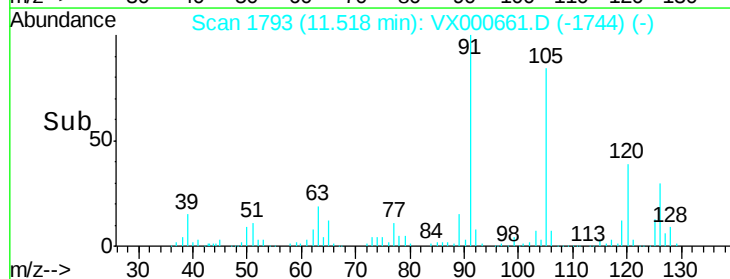
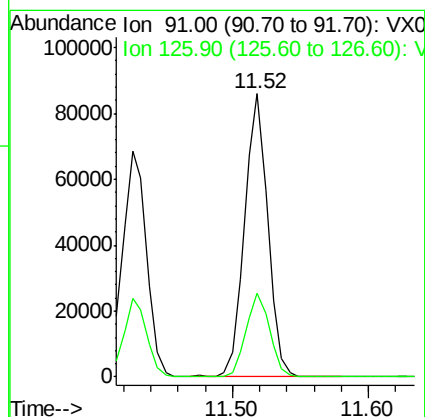
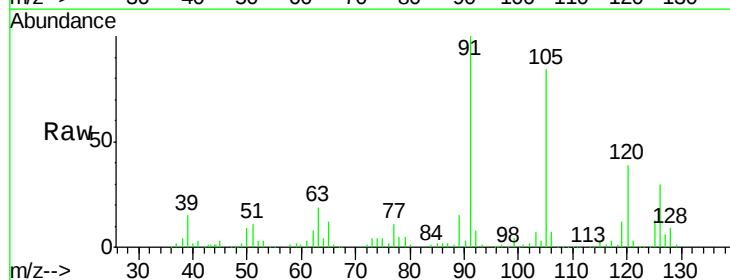
Acq: 04 Apr 2018 16:53

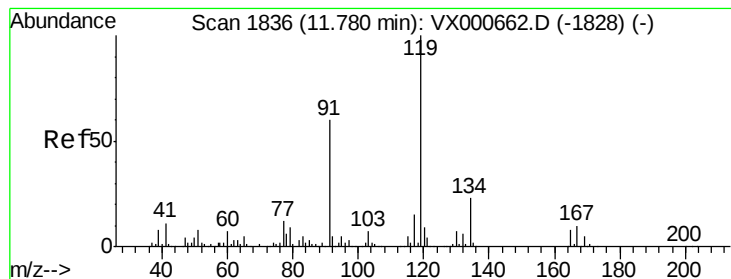
Tgt Ion: 91 Resp: 102358

Ion Ratio Lower Upper

91 100

126 30.1 14.8 44.3





#83

tert-Butylbenzene

Concen: 19.38 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

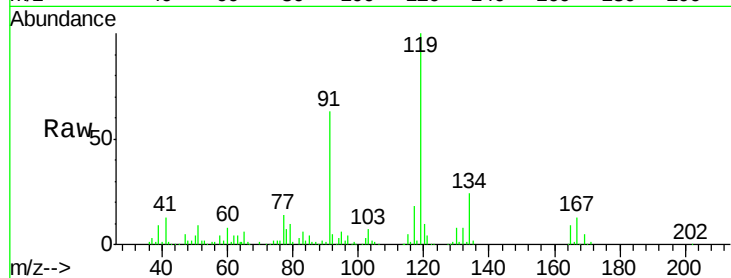
Tot Ion:119 Resp: 99557

Ion Ratio Lower Upper

119 100

91 62.1 30.9 92.8

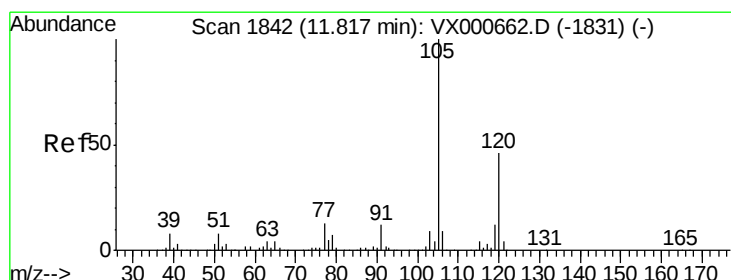
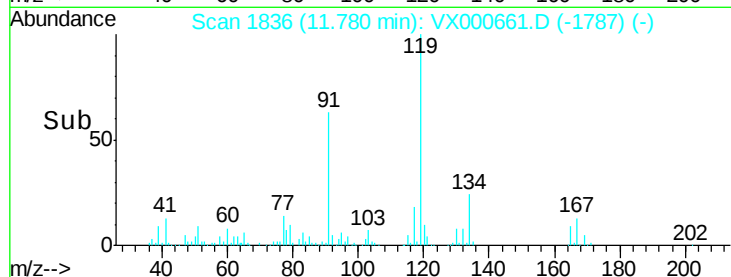
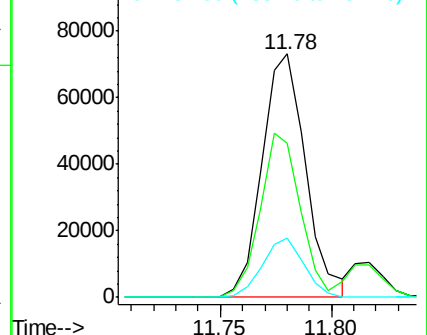
134 23.1 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.35 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000661.D

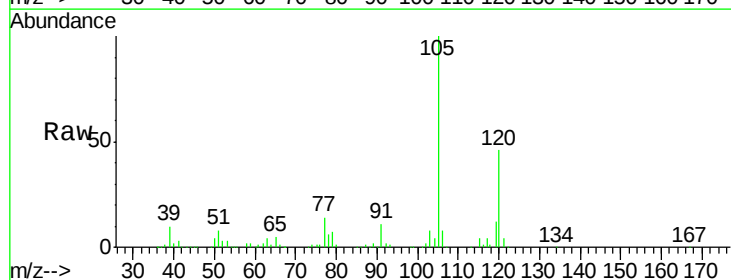
Acq: 04 Apr 2018 16:53

Tgt Ion:105 Resp: 109311

Ion Ratio Lower Upper

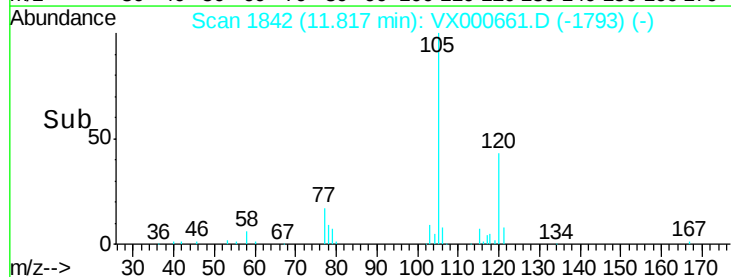
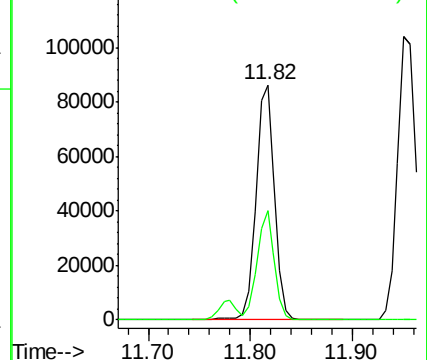
105 100

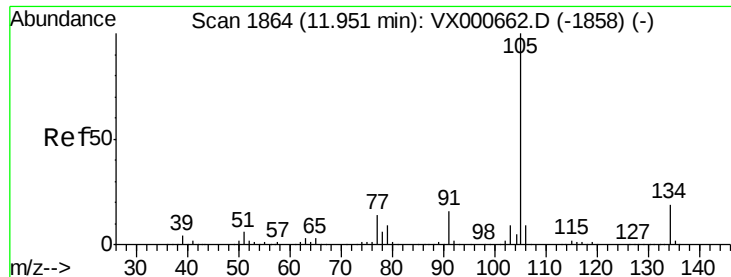
120 43.3 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.56 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

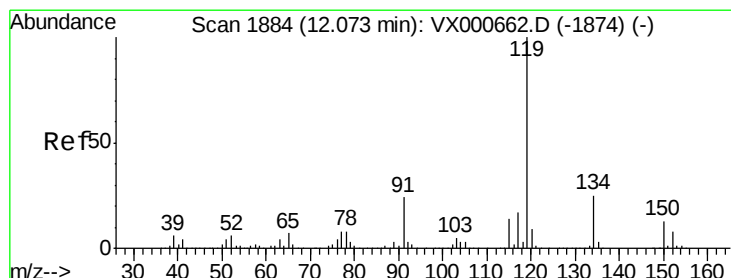
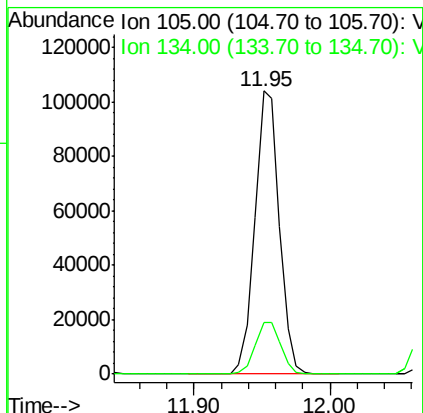
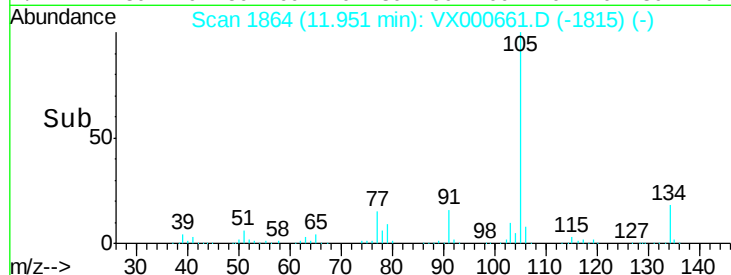
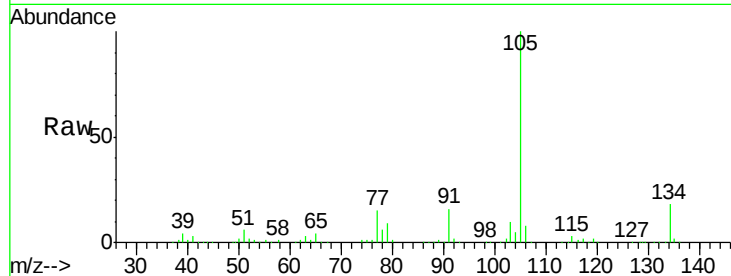
VSTDIC020

Tot Ion:105 Resp: 131451

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.6



#86

p-Isopropyltoluene

Concen: 19.59 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

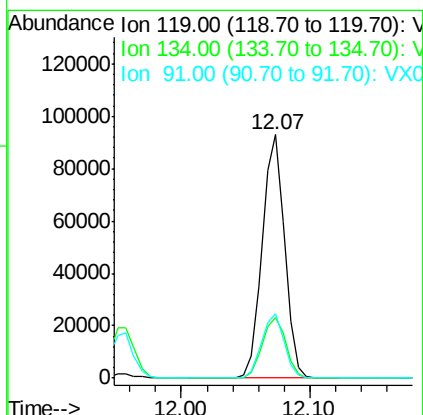
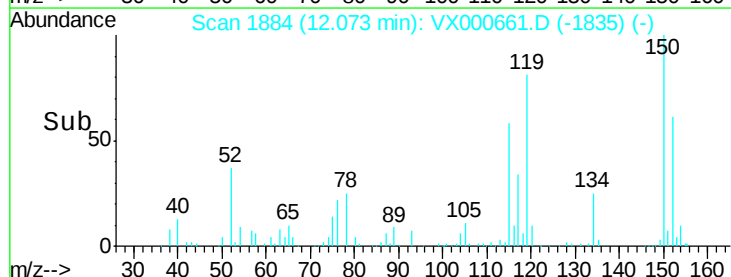
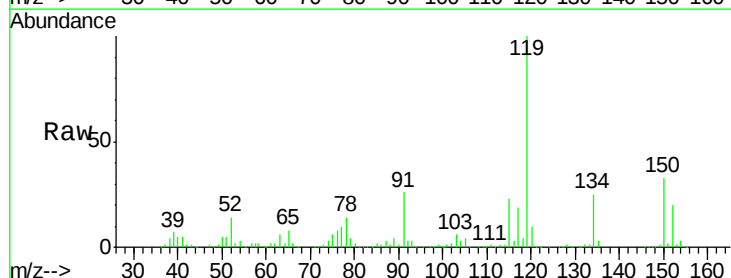
Tgt Ion:119 Resp: 111349

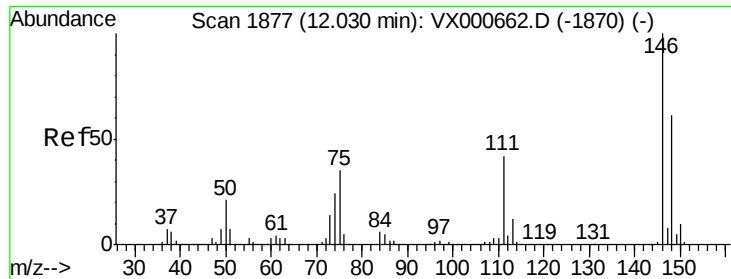
Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

91 26.7 12.6 37.6

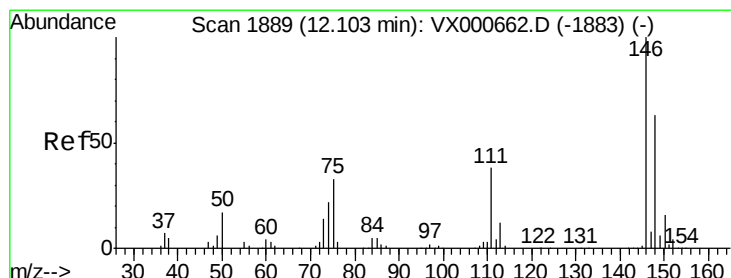
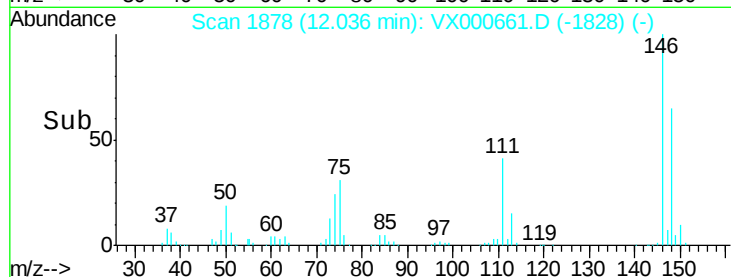
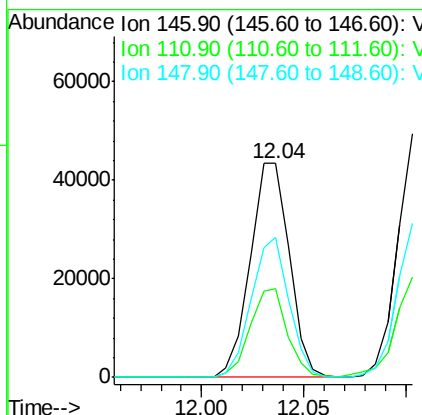
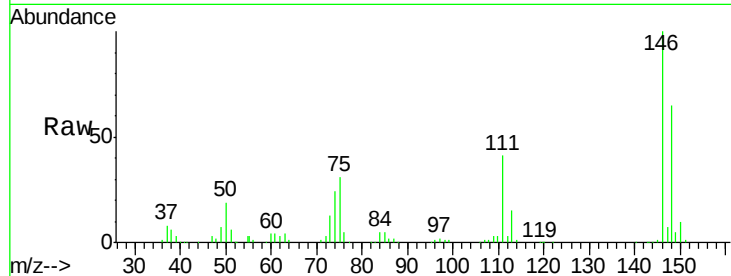




#87
 1,3-Dichlorobenzene
 Concen: 18.96 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

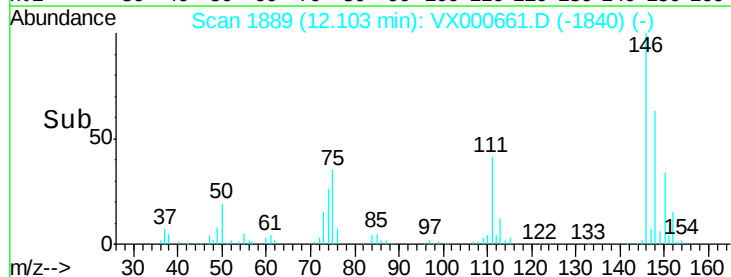
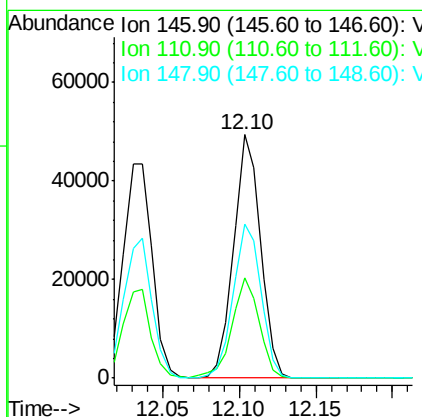
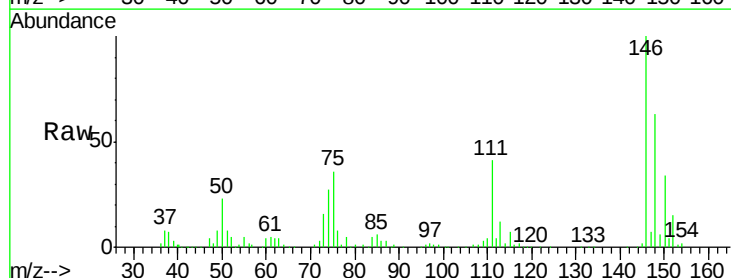
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

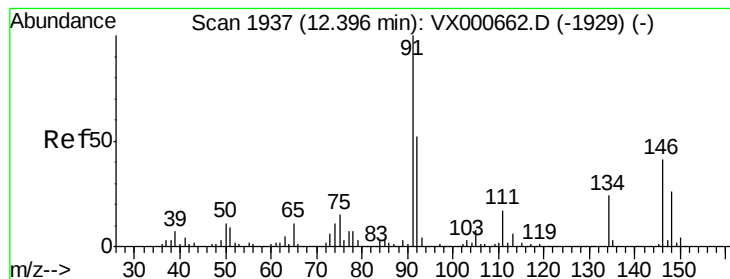
Tot Ion:146 Resp: 57950
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.2 60.6
 148 62.7 31.0 93.0



#88
 1,4-Dichlorobenzene
 Concen: 18.72 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

Tgt Ion:146 Resp: 60370
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.1 60.3
 148 65.3 31.8 95.4





#89

n-Butylbenzene

Concen: 20.71 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

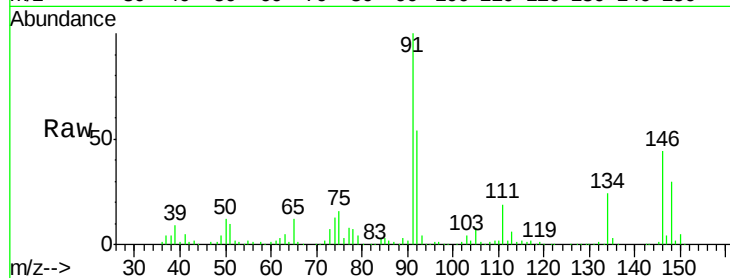
Tot Ion: 91 Resp: 111072

Ion Ratio Lower Upper

91 100

92 52.2 25.9 77.8

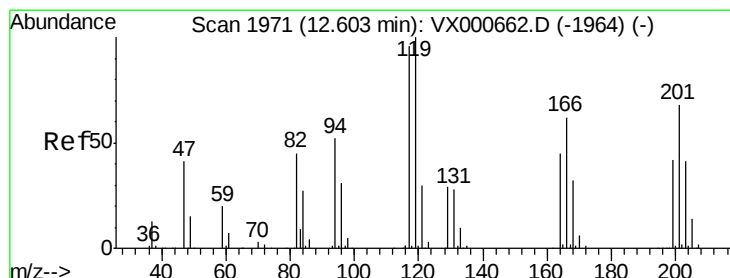
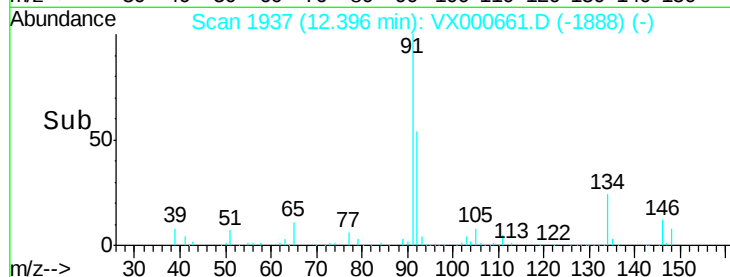
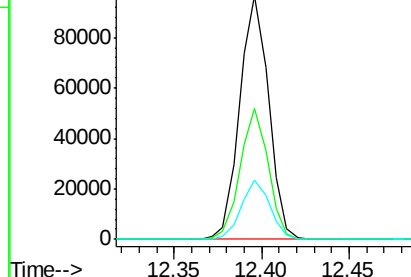
134 24.1 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX000661.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX000661.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX000661.D (-1929) (-)



#90

Hexachloroethane

Concen: 20.64 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000661.D

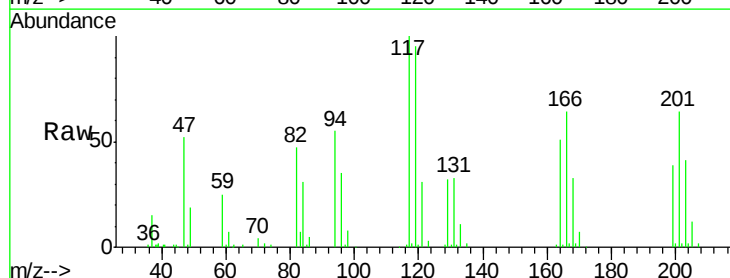
Acq: 04 Apr 2018 16:53

Tgt Ion: 117 Resp: 18287

Ion Ratio Lower Upper

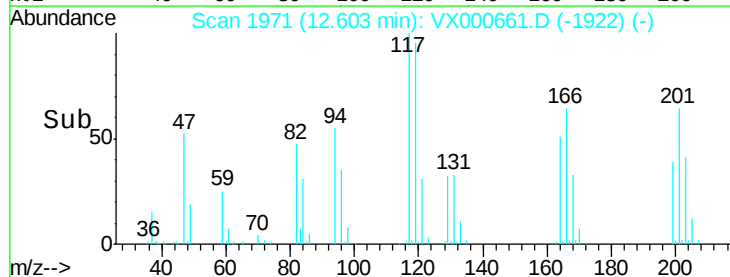
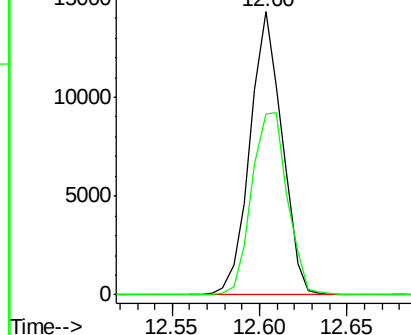
117 100

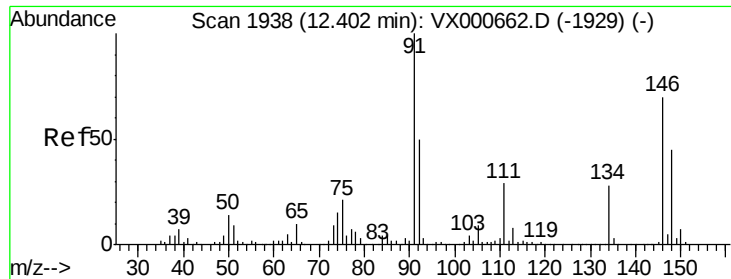
201 71.5 33.9 101.6



Abundance Ion 116.80 (116.50 to 117.50): VX000661.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX000661.D (-1922) (-)





#91

1,2-Dichlorobenzene

Concen: 19.20 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

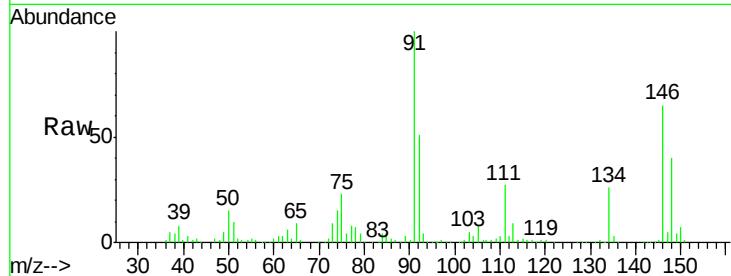
Tot Ion:146 Resp: 57627

Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.7

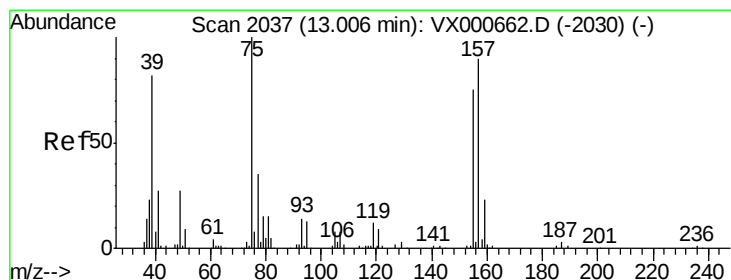
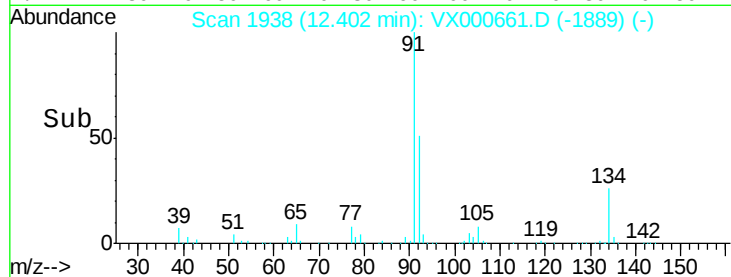
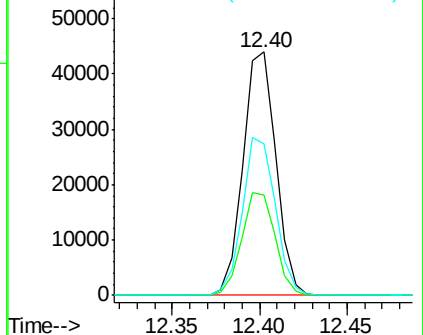
148 65.1 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.58 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. 0.01 min

Lab File: VX000661.D

Acq: 04 Apr 2018 16:53

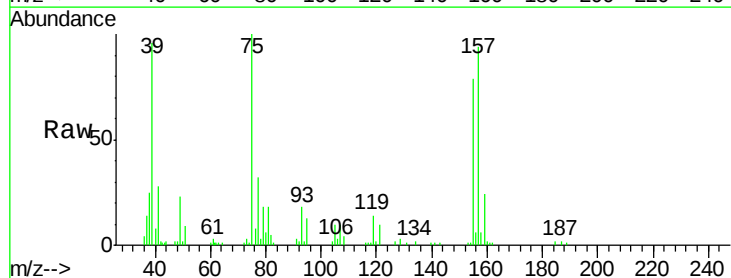
Tgt Ion: 75 Resp: 13752

Ion Ratio Lower Upper

75 100

155 74.9 38.9 116.7

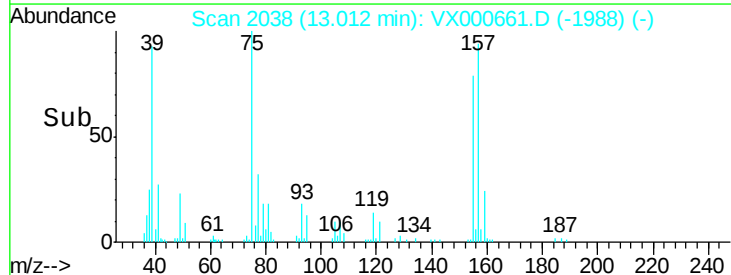
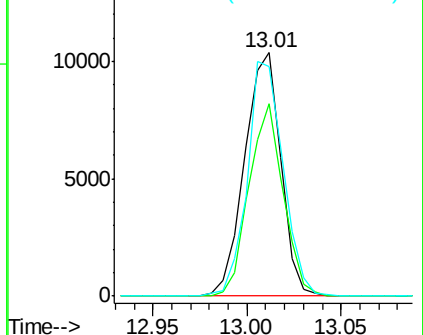
157 95.7 49.1 147.3

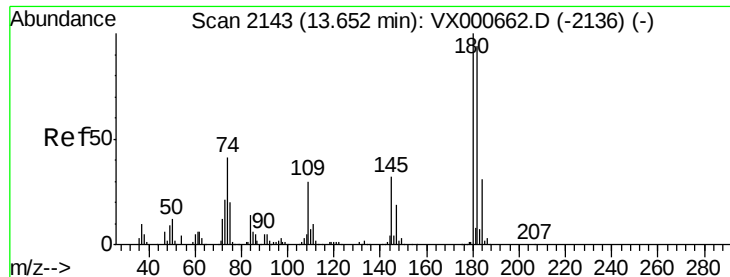


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

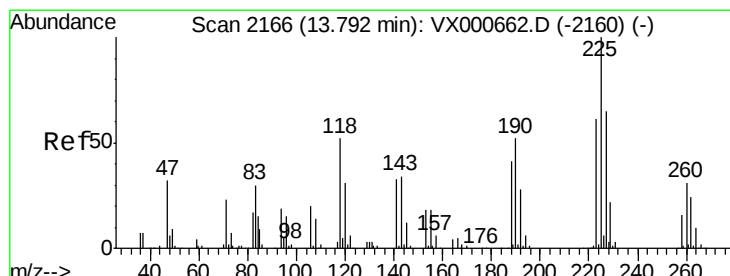
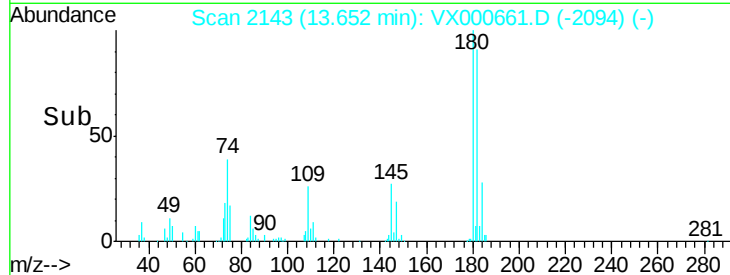
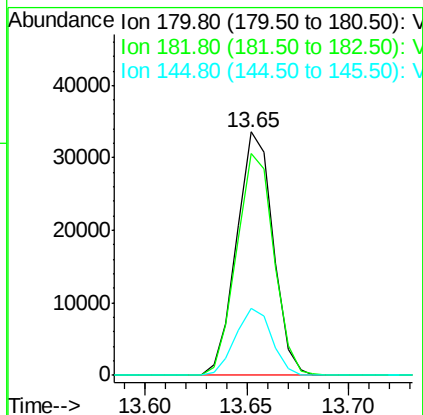
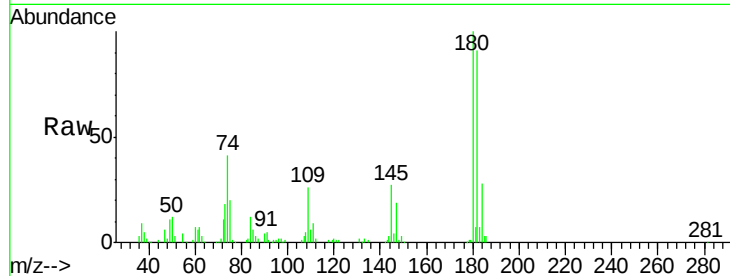




#93
 1,2,4-Trichlorobenzene
 Concen: 19.36 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

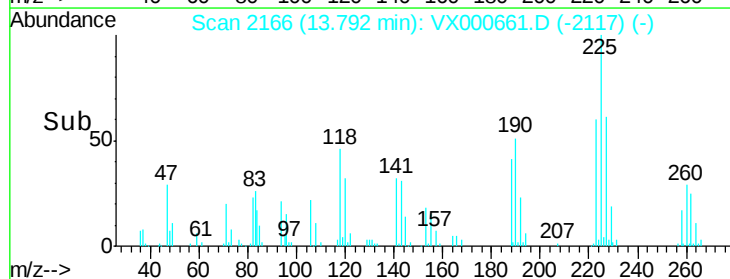
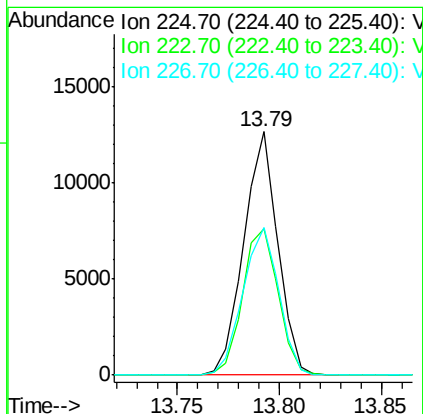
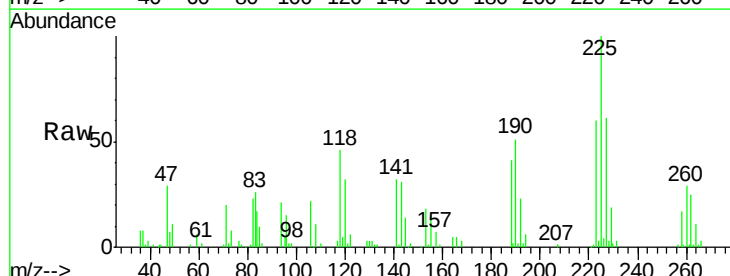
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

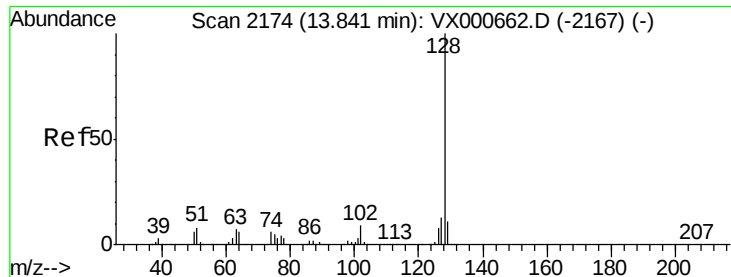
Tot Ion:180 Resp: 41570
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.4 142.2
 145 27.7 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 16.77 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000661.D
 Acq: 04 Apr 2018 16:53

Tgt Ion:225 Resp: 14656
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.4 94.0
 227 64.0 32.7 98.1

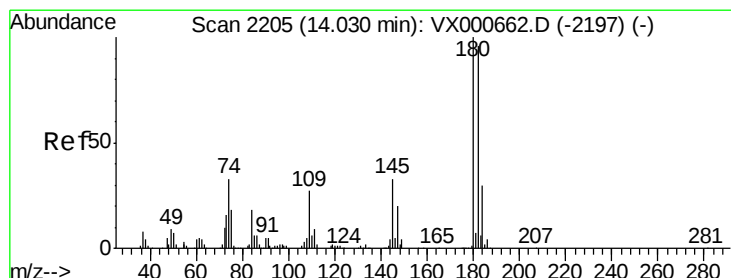
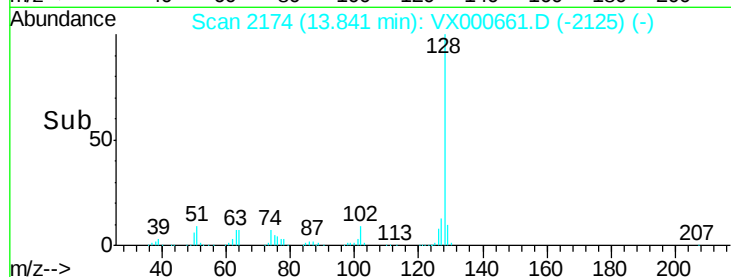
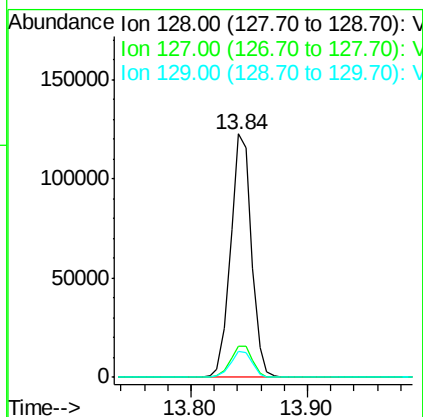
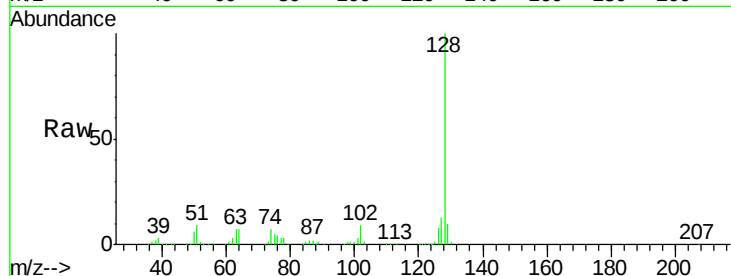




#95
Naphthalene
Concen: 20.41 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:128 Resp: 152782
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.41 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000661.D
Acq: 04 Apr 2018 16:53

Tgt Ion:180 Resp: 41013
Ion Ratio Lower Upper
180 100
182 92.4 47.2 141.6
145 32.0 16.8 50.4

