

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041018\
 Data File : VX000747.D
 Acq On : 10 Apr 2018 12:44
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Apr 10 15:11:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:11:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	317906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	410269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	259289	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	5043	1.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.60%	
35) Dibromofluoromethane	5.51	113	3477	1.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.20%	
50) Toluene-d8	8.72	98	13734	1.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.40%	
62) 4-Bromofluorobenzene	11.14	95	5907	1.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	3589	0.97	ug/l	97
3) Chloromethane	1.32	50	3454	1.11	ug/l	94
4) Vinyl Chloride	1.40	62	3644	1.04	ug/l	100
5) Bromomethane	1.65	94	2151	1.48	ug/l	98
6) Chloroethane	1.73	64	2260	1.11	ug/l	93
7) Trichlorofluoromethane	1.93	101	5452	1.04	ug/l	99
8) Diethyl Ether	2.19	74	2210	1.16	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3374	1.11	ug/l #	95
10) Methyl Iodide	2.52	142	1275	0.60	ug/l #	80
11) Tert butyl alcohol	3.06	59	4092	5.67	ug/l	95
12) 1,1-Dichloroethene	2.38	96	3202	1.11	ug/l	95
13) Acrolein	2.29	56	1814	5.23	ug/l	95
14) Allyl chloride	2.73	41	6109	1.14	ug/l	93
15) Acrylonitrile	3.15	53	7915	5.11	ug/l	98
16) Acetone	2.45	43	8238	5.96	ug/l	97
17) Carbon Disulfide	2.57	76	10320	1.20	ug/l	99
18) Methyl Acetate	2.78	43	3788	1.04	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	10053	1.02	ug/l	99
20) Methylene Chloride	2.86	84	3879	1.26	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	3896	1.24	ug/l	95
22) Diisopropyl ether	3.87	45	10092	1.02	ug/l	99
23) Vinyl Acetate	3.82	43	42987	4.95	ug/l	99
24) 1,1-Dichloroethane	3.70	63	6066	1.10	ug/l #	91
25) 2-Butanone	4.71	43	11739	5.01	ug/l	100
26) 2,2-Dichloropropane	4.59	77	6249	1.14	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	3846	1.05	ug/l	99
28) Bromochloromethane	5.02	49	2647	1.23	ug/l #	93
29) Tetrahydrofuran	5.17	42	7688	5.21	ug/l	99
30) Chloroform	5.22	83	6111	1.03	ug/l	94
31) Cyclohexane	5.59	56	6051	1.17	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	5979	1.05	ug/l #	50
36) 1,1-Dichloropropene	5.81	75	5243	1.20	ug/l	94
37) Ethyl Acetate	4.87	43	4713	1.07	ug/l	97
38) Carbon Tetrachloride	5.79	117	5614	1.12	ug/l	96

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Apr 10 15:11:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:11:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	6147	1.18	ug/l	99
40) Benzene	6.15	78	13612	1.10	ug/l	96
41) Methacrylonitrile	5.07	41	2779	1.09	ug/l	87
42) 1,2-Dichloroethane	6.20	62	5056	1.09	ug/l	88
43) Isopropyl Acetate	6.47	43	8125	1.08	ug/l	99
44) Trichloroethene	7.23	130	4317	1.12	ug/l	97
45) 1,2-Dichloropropane	7.53	63	3307	1.03	ug/l	97
46) Dibromomethane	7.67	93	2444	1.11	ug/l	90
47) Bromodichloromethane	7.91	83	4580	1.01	ug/l	97
48) Methyl methacrylate	7.78	41	4162	1.06	ug/l	96
49) 1,4-Dioxane	7.77	88	1761	22.32	ug/l #	87
51) 4-Methyl-2-Pentanone	8.65	43	22325	4.98	ug/l	100
52) Toluene	8.79	92	9034	1.10	ug/l	95
53) t-1,3-Dichloropropene	8.44	75	5482	1.01	ug/l	90
54) cis-1,3-Dichloropropene	9.05	75	5295	0.99	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	3703	1.15	ug/l	90
56) Ethyl methacrylate	9.19	69	5256	1.03	ug/l	96
57) 1,3-Dichloropropane	9.38	76	5387	1.02	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	10304	4.22	ug/l	98
59) 2-Hexanone	9.51	43	16894	4.86	ug/l	100
60) Dibromochloromethane	9.59	129	3873	0.96	ug/l	98
61) 1,2-Dibromoethane	9.68	107	3721	1.06	ug/l	97
64) Tetrachloroethene	9.34	164	4070	1.10	ug/l	97
65) Chlorobenzene	10.15	112	10342	1.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	3666	1.00	ug/l #	66
67) Ethyl Benzene	10.26	91	17317	1.08	ug/l	98
68) m/p-Xylenes	10.37	106	13524	2.13	ug/l	99
69) o-Xylene	10.71	106	6273	1.02	ug/l	93
70) Styrene	10.72	104	10630	1.02	ug/l	98
71) Bromoform	10.86	173	2951	0.84	ug/l #	95
73) Isopropylbenzene	11.02	105	17444	1.06	ug/l	100
74) N-amyl acetate	6.47	43	8125	1.09	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	5071	1.06	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	5846	1.29	ug/l	92
77) Bromobenzene	11.26	156	5334	1.12	ug/l	95
78) n-propylbenzene	11.37	91	20737	1.11	ug/l	99
79) 2-Chlorotoluene	11.43	91	12449	1.12	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	15286	1.08	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	1584	0.96	ug/l	86
82) 4-Chlorotoluene	11.52	91	14823	1.12	ug/l	97
83) tert-Butylbenzene	11.78	119	14636	1.00	ug/l	92
84) 1,2,4-Trimethylbenzene	11.82	105	15744	1.08	ug/l	96
85) sec-Butylbenzene	11.95	105	18321	1.07	ug/l	99
86) p-Isopropyltoluene	12.07	119	16938	1.06	ug/l	92
87) 1,3-Dichlorobenzene	12.03	146	9952	1.13	ug/l	97
88) 1,4-Dichlorobenzene	12.03	146	9952	1.11	ug/l	96
89) n-Butylbenzene	12.40	91	15365	1.09	ug/l	99
90) Hexachloroethane	12.60	117	2646	0.95	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	9110	1.06	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1260	1.06	ug/l	86

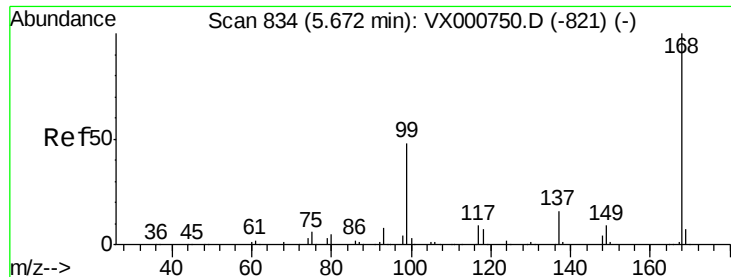
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041018\
Data File : VX000747.D
Acq On : 10 Apr 2018 12:44
Operator : JC/MD
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MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Apr 10 15:11:58 2018
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Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:11:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	8118	1.11	ug/l	99
94) Hexachlorobutadiene	13.79	225	3929	1.10	ug/l	98
95) Naphthalene	13.84	128	19592	1.02	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	7593	1.07	ug/l	97

(#) = 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. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

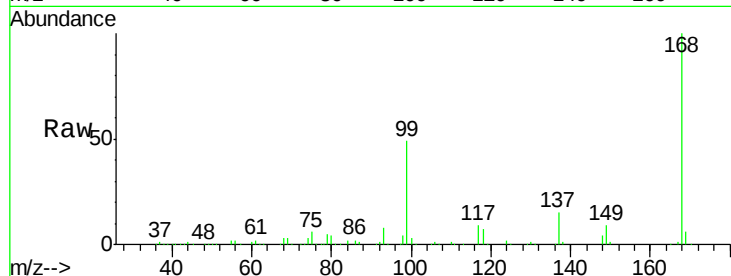
VSTDIC001

Tgt Ion:168 Resp: 317906

Ion Ratio Lower Upper

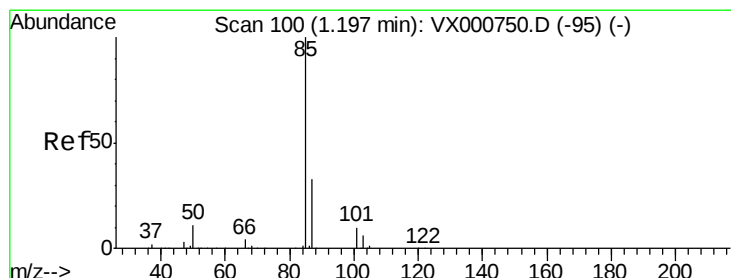
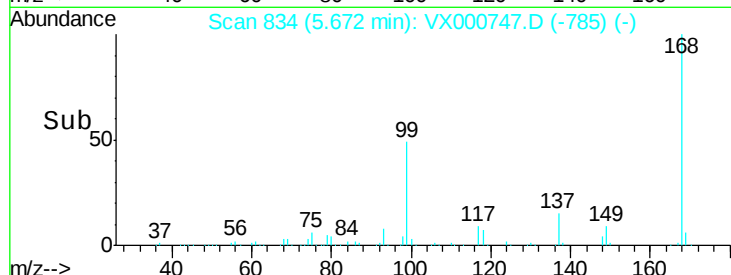
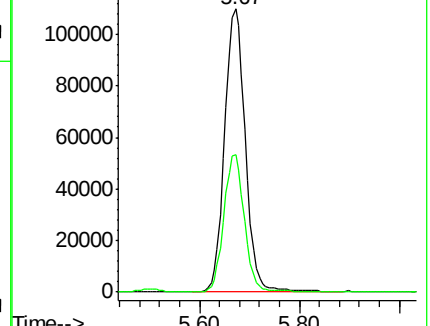
168 100

99 48.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.97 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000747.D

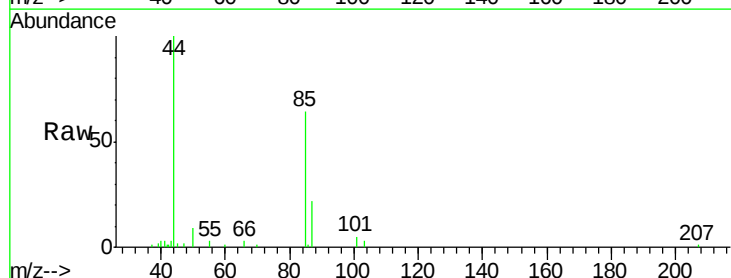
Acq: 10 Apr 2018 12:44

Tgt Ion: 85 Resp: 3589

Ion Ratio Lower Upper

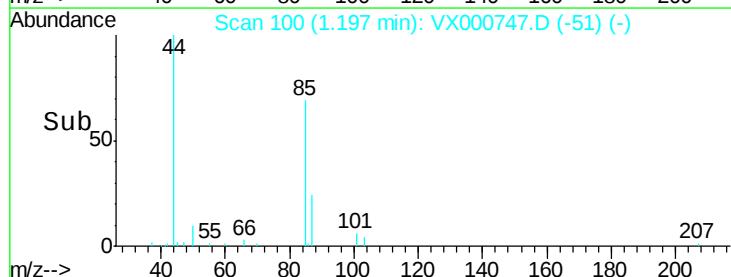
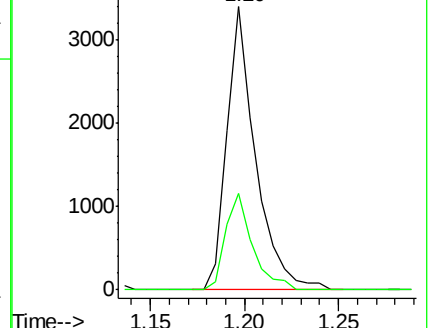
85 100

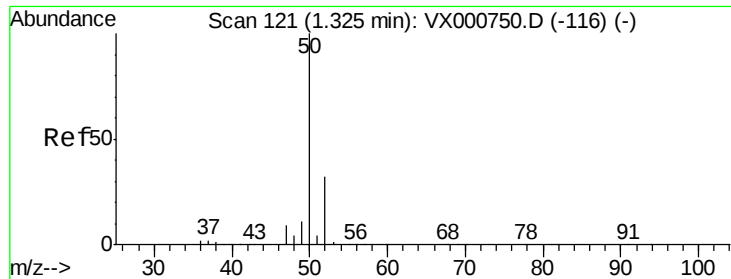
87 34.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.11 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

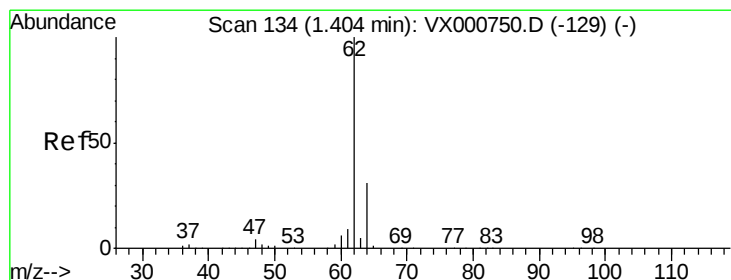
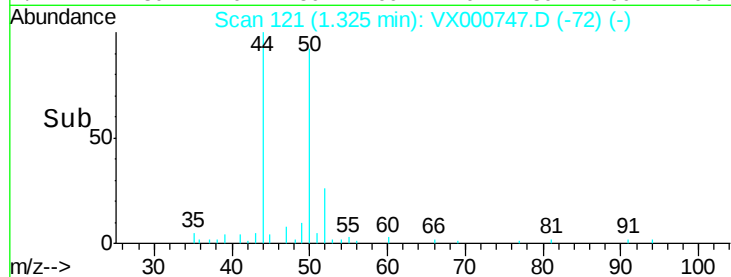
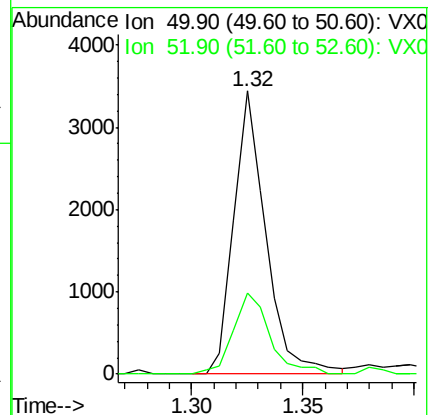
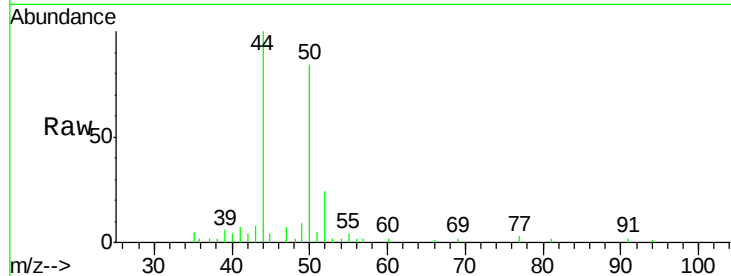
VSTDIC001

Tgt Ion: 50 Resp: 3454

Ion Ratio Lower Upper

50 100

52 28.7 25.8 38.8



#4

Vinyl Chloride

Concen: 1.04 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000747.D

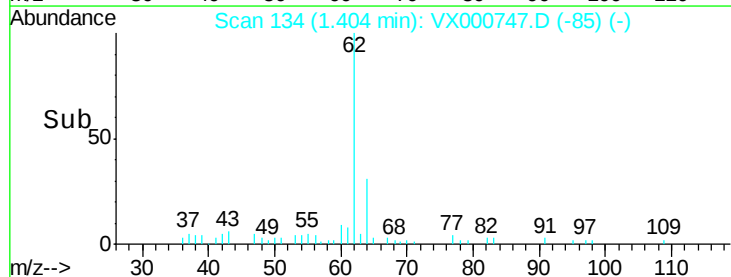
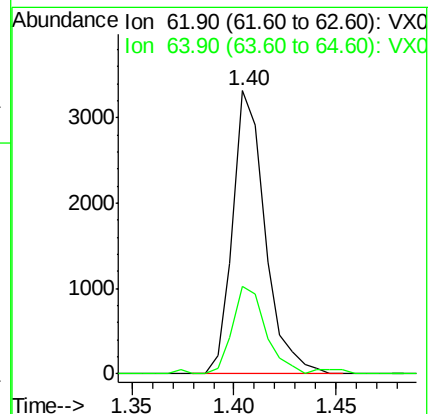
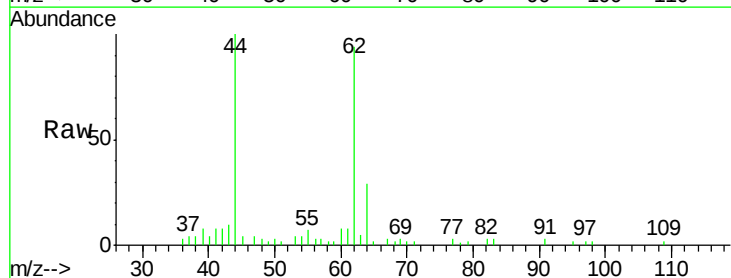
Acq: 10 Apr 2018 12:44

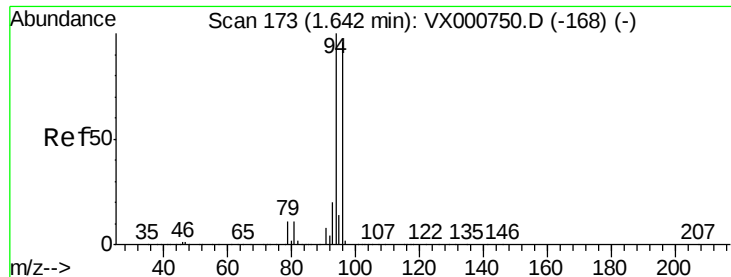
Tgt Ion: 62 Resp: 3644

Ion Ratio Lower Upper

62 100

64 30.9 24.6 36.8





#5

Bromomethane

Concen: 1.48 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

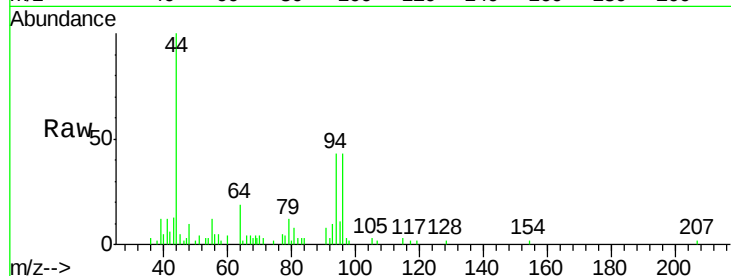
VSTDIC001

Tgt Ion: 94 Resp: 2151

Ion Ratio Lower Upper

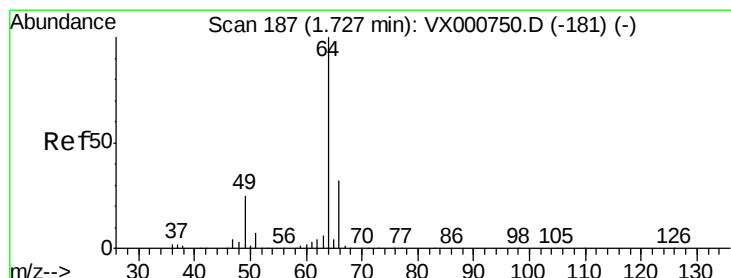
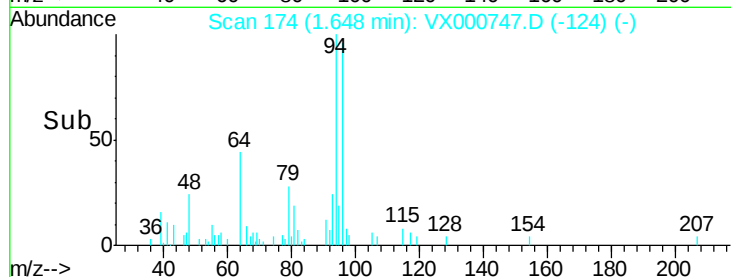
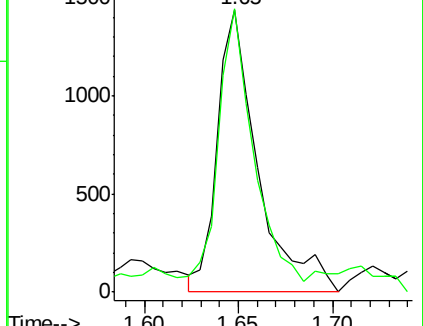
94 100

96 94.8 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.11 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000747.D

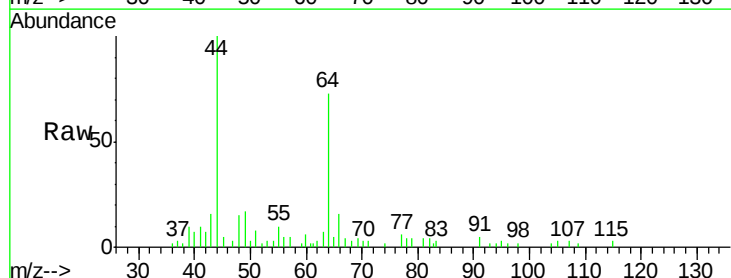
Acq: 10 Apr 2018 12:44

Tgt Ion: 64 Resp: 2260

Ion Ratio Lower Upper

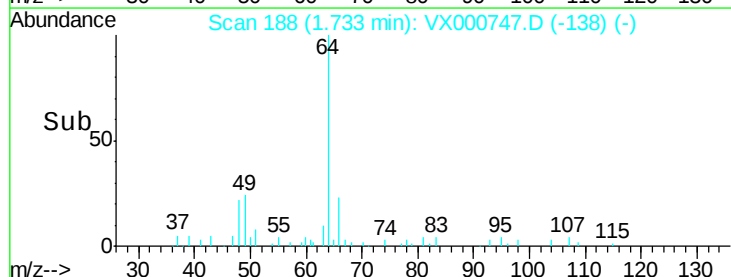
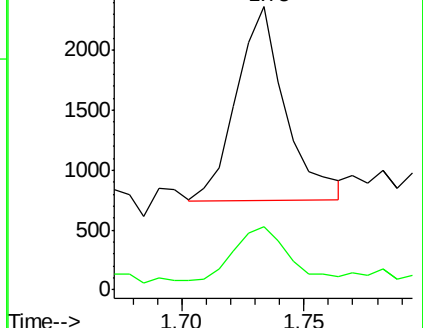
64 100

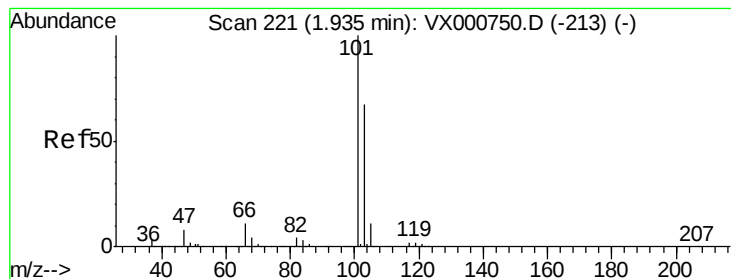
66 27.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.04 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

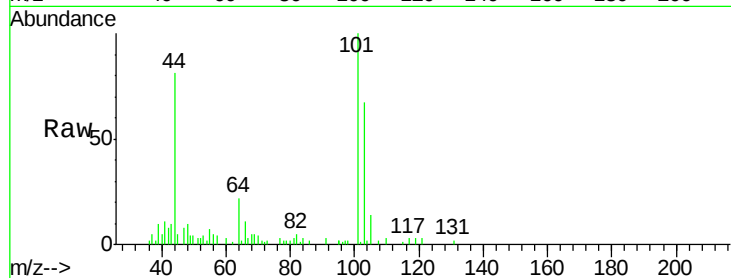
VSTDIC001

Tgt Ion:101 Resp: 5452

Ion Ratio Lower Upper

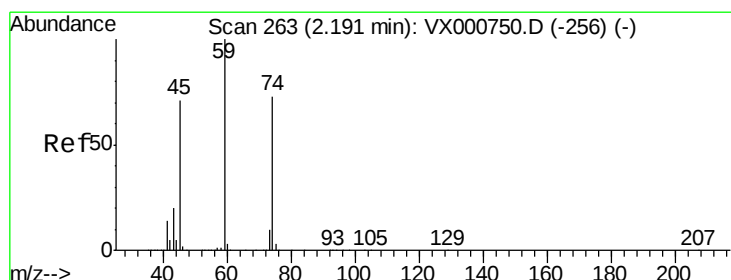
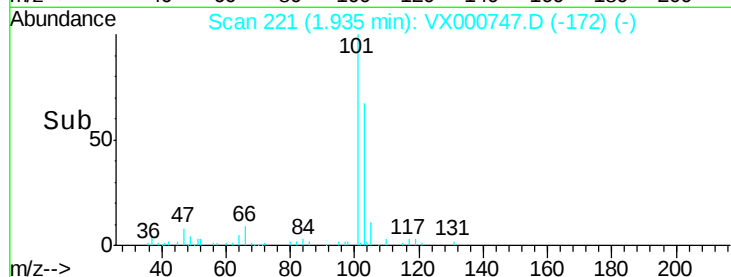
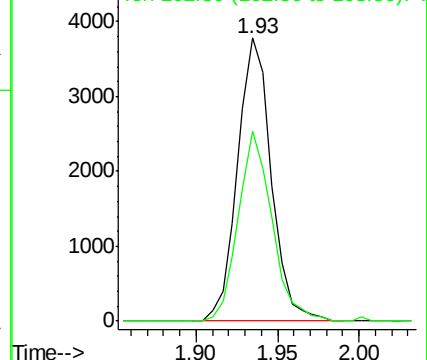
101 100

103 67.3 53.2 79.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.16 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX000747.D

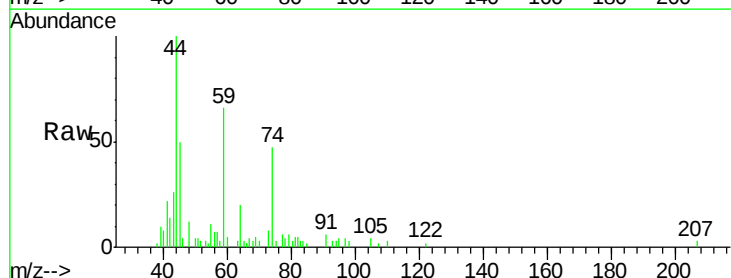
Acq: 10 Apr 2018 12:44

Tgt Ion: 74 Resp: 2210

Ion Ratio Lower Upper

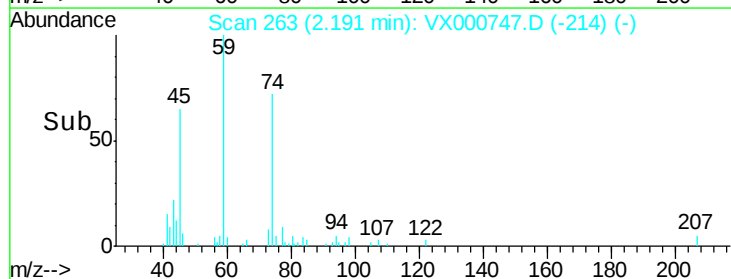
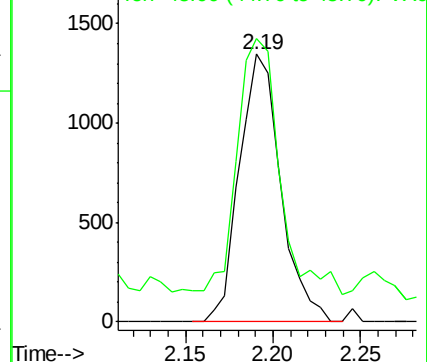
74 100

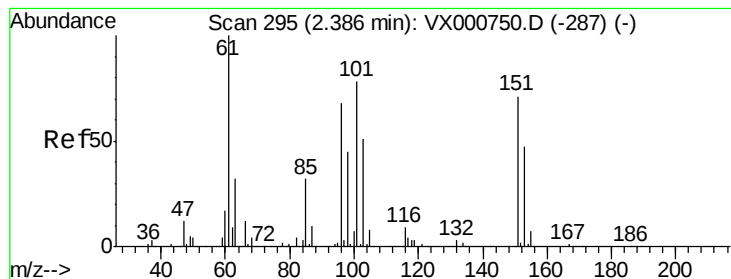
45 97.8 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.11 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

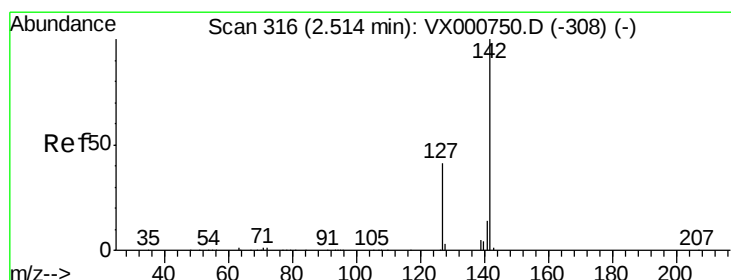
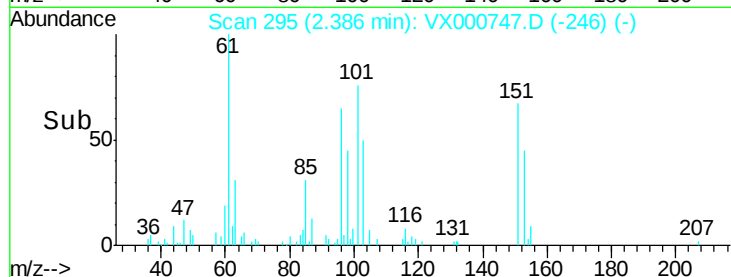
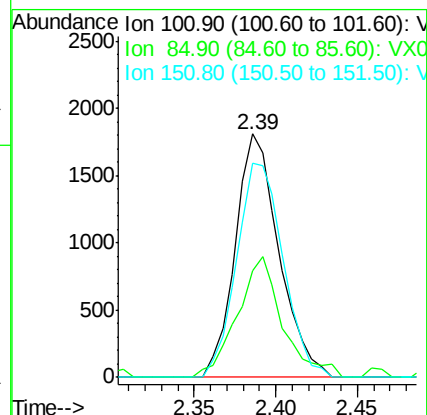
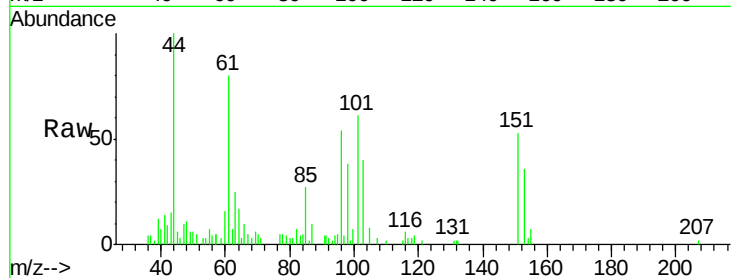
Tgt Ion:101 Resp: 3374

Ion Ratio Lower Upper

101 100

85 51.5 34.0 51.0#

151 93.7 75.8 113.8



#10

Methyl Iodide

Concen: 0.60 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

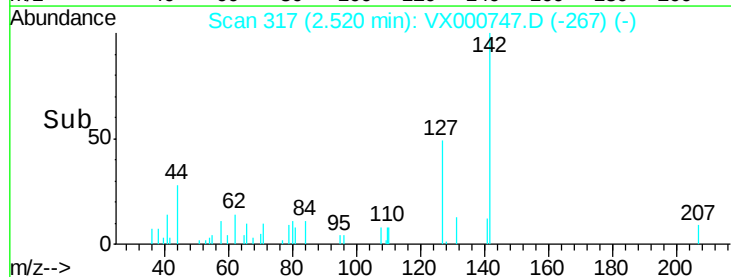
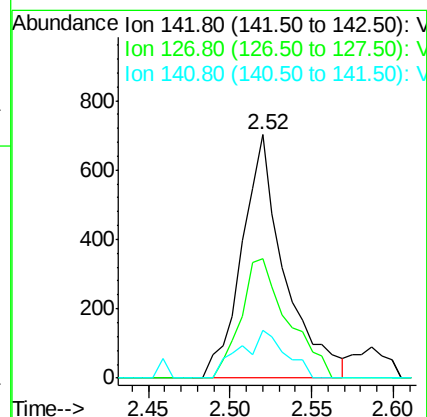
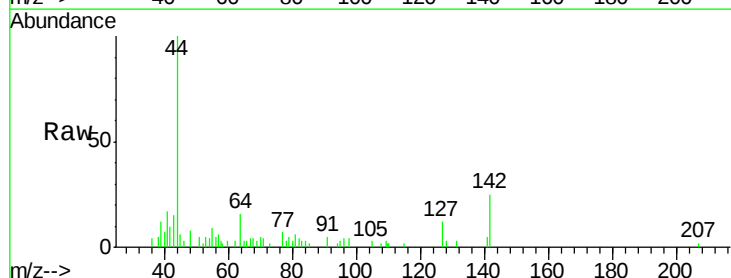
Tgt Ion:142 Resp: 1275

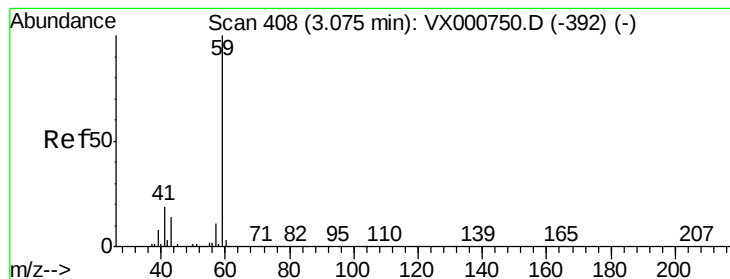
Ion Ratio Lower Upper

142 100

127 54.0 32.6 49.0#

141 20.9 11.5 17.3#





#11

Tert butyl alcohol

Concen: 5.67 ug/l

RT: 3.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

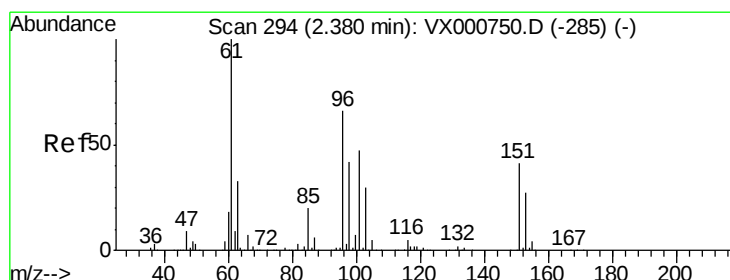
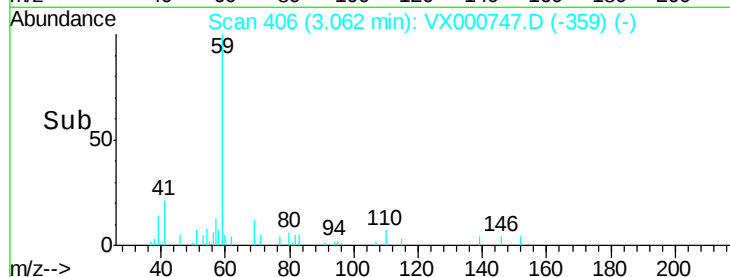
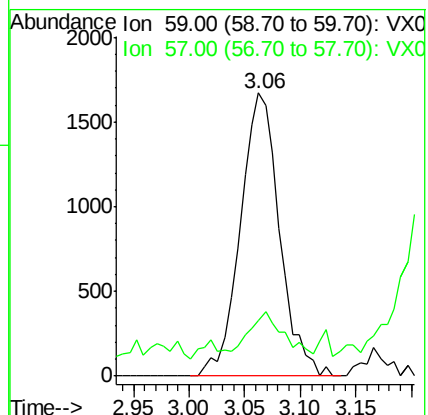
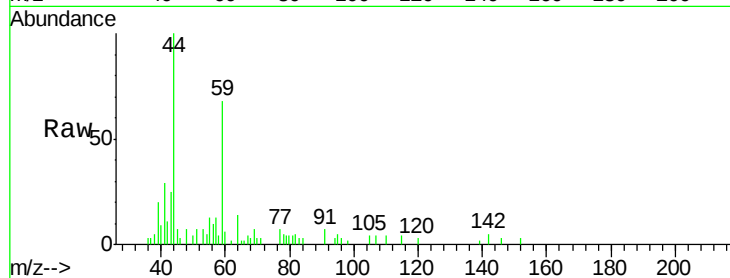
VSTDIC001

Tgt Ion: 59 Resp: 4092

Ion Ratio Lower Upper

59 100

57 12.4 8.4 12.6



#12

1,1-Dichloroethene

Concen: 1.11 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

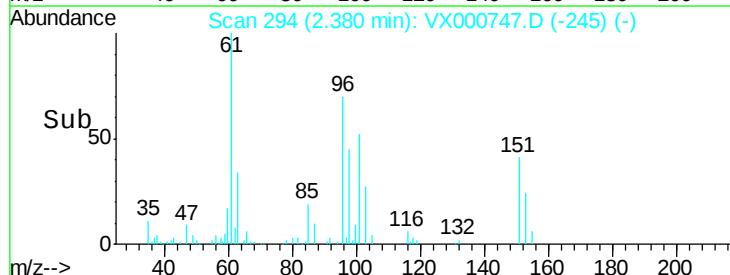
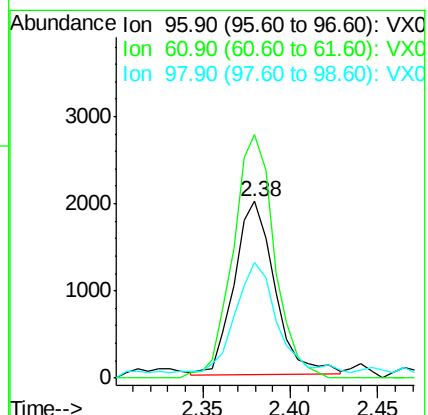
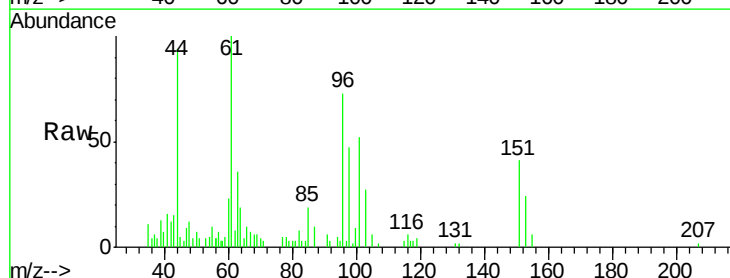
Tgt Ion: 96 Resp: 3202

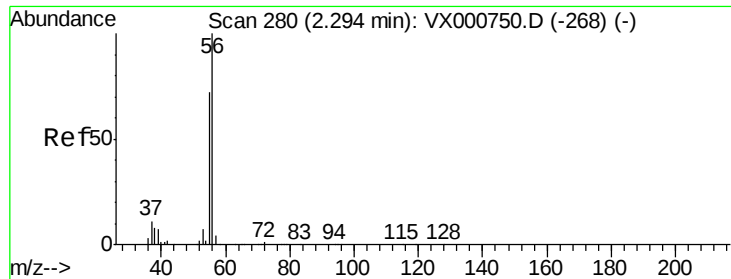
Ion Ratio Lower Upper

96 100

61 142.0 120.5 180.7

98 63.4 50.9 76.3





#13

Acrolein

Concen: 5.23 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

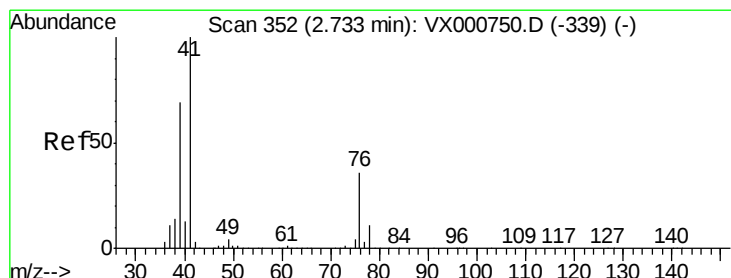
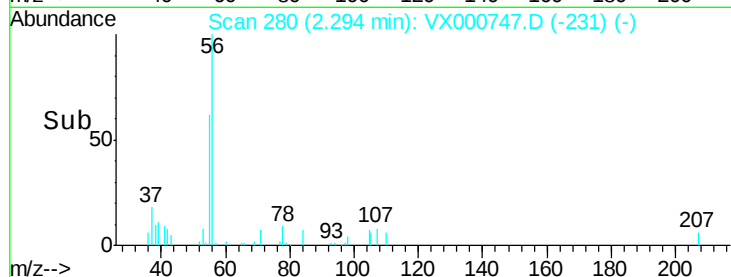
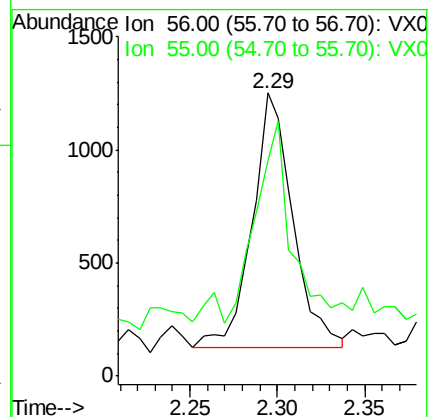
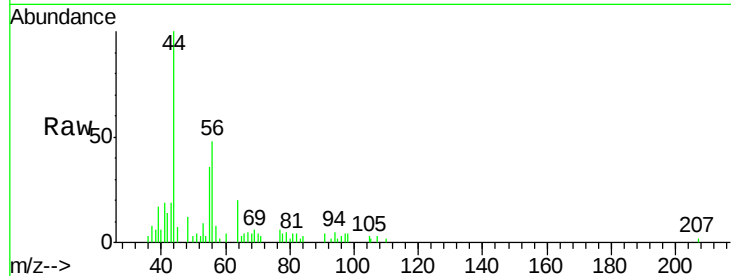
VSTDIC001

Tgt Ion: 56 Resp: 1814

Ion Ratio Lower Upper

56 100

55 69.0 58.7 88.1



#14

Allyl chloride

Concen: 1.14 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

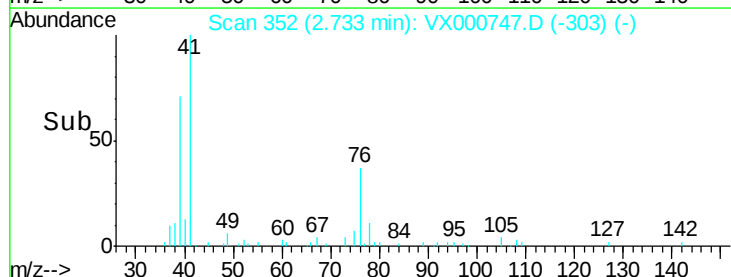
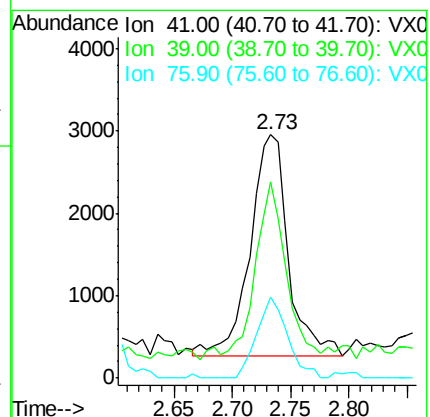
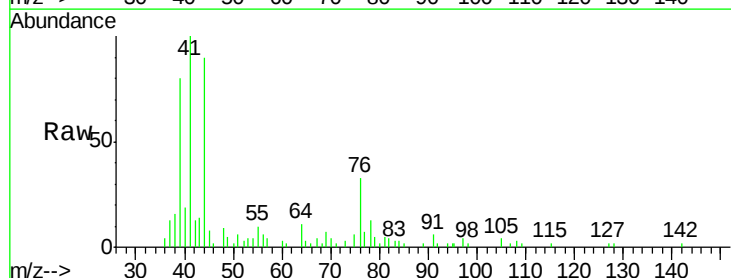
Tgt Ion: 41 Resp: 6109

Ion Ratio Lower Upper

41 100

39 58.7 51.5 77.3

76 29.5 26.5 39.7





#15

Acrylonitrile

Concen: 5.11 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

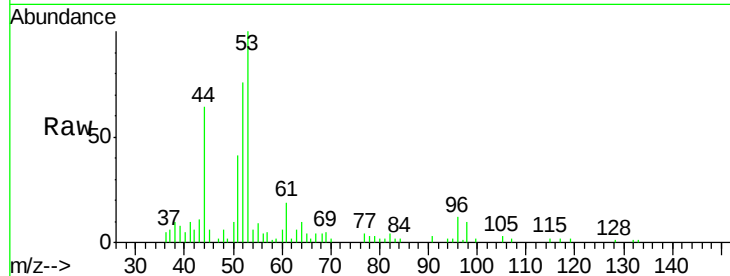
Tgt Ion: 53 Resp: 7915

Ion Ratio Lower Upper

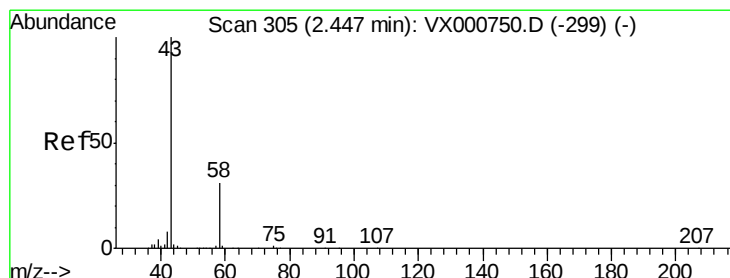
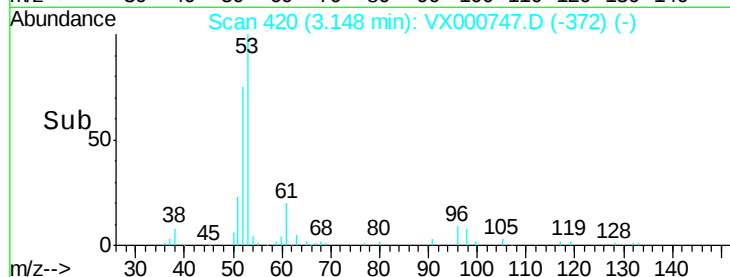
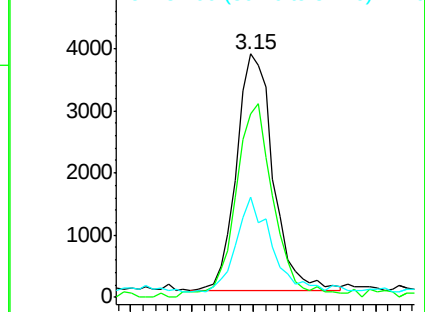
53 100

52 84.9 66.5 99.7

51 37.9 28.8 43.2



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



#16

Acetone

Concen: 5.96 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX000747.D

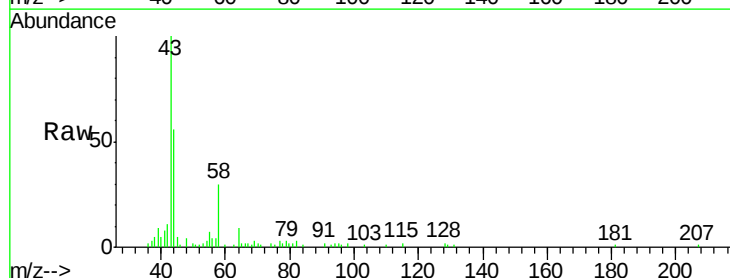
Acq: 10 Apr 2018 12:44

Tgt Ion: 43 Resp: 8238

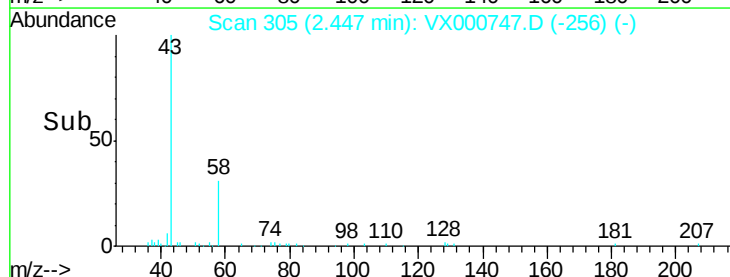
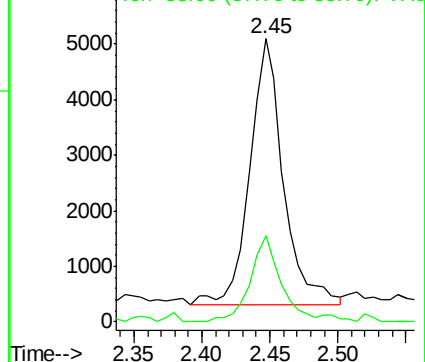
Ion Ratio Lower Upper

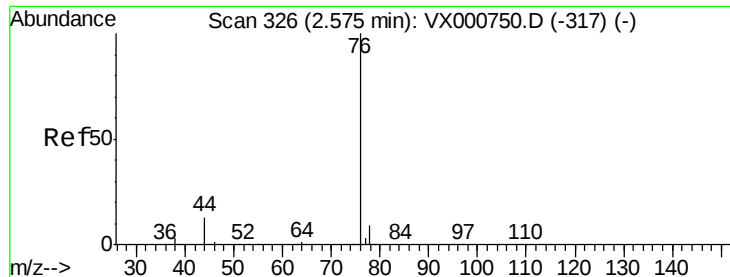
43 100

58 32.4 24.6 37.0



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

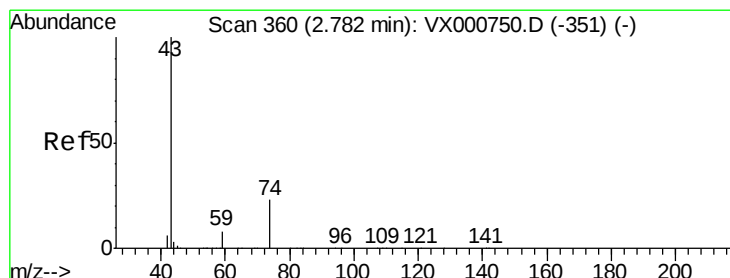
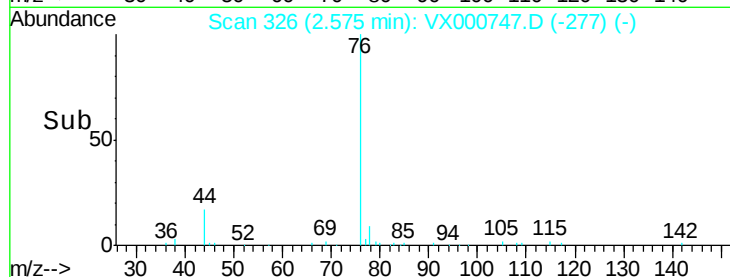
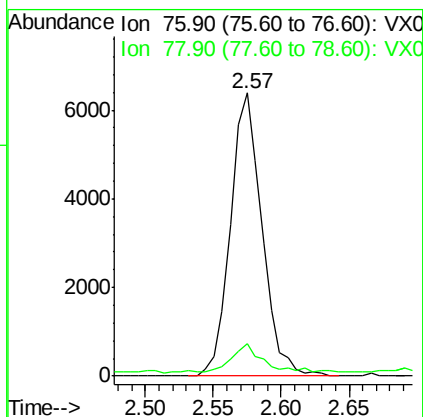
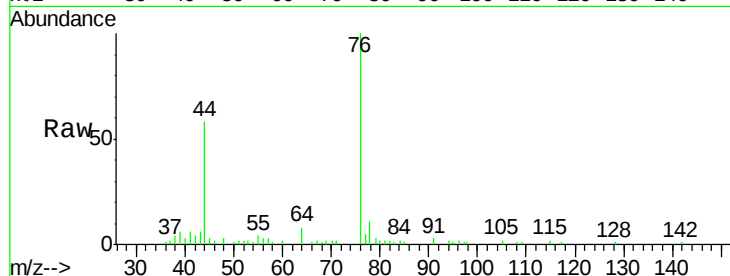




#17
Carbon Disulfide
Concen: 1.20 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

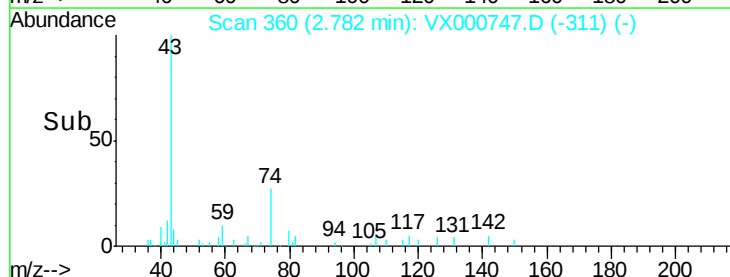
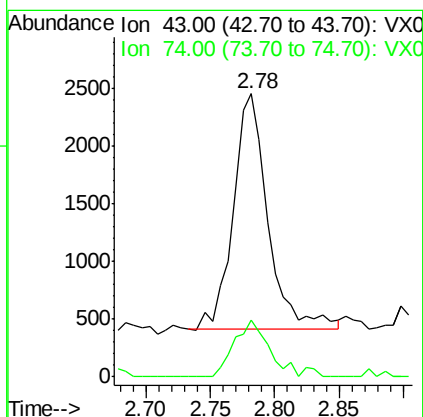
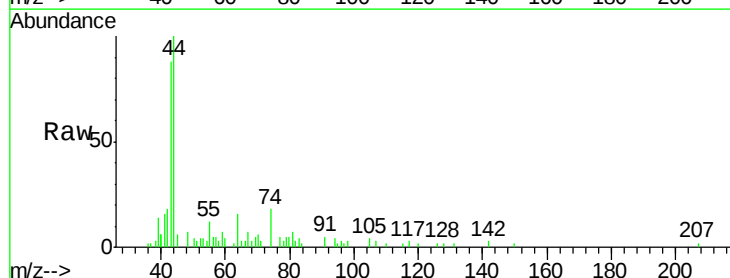
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

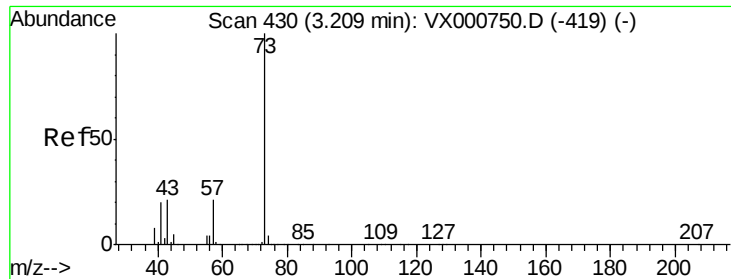
Tgt Ion: 76 Resp: 10320
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 1.04 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion: 43 Resp: 3788
Ion Ratio Lower Upper
43 100
74 24.2 19.1 28.7

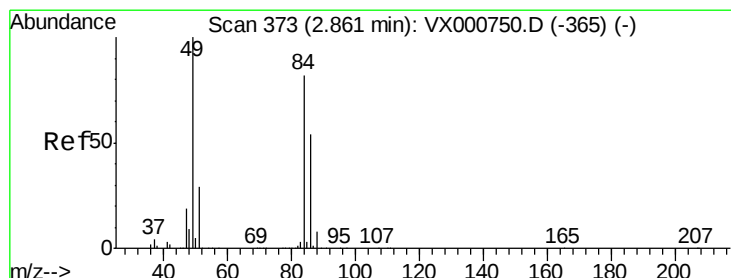
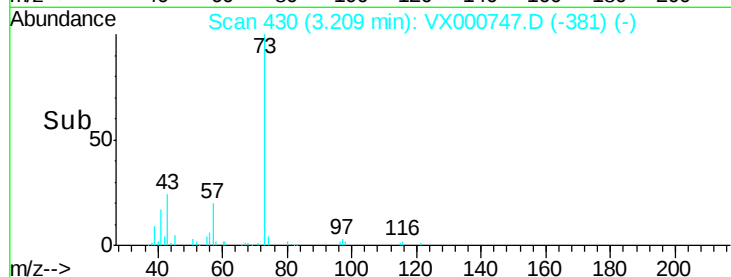
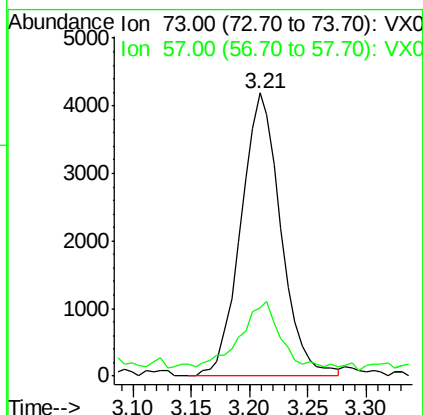
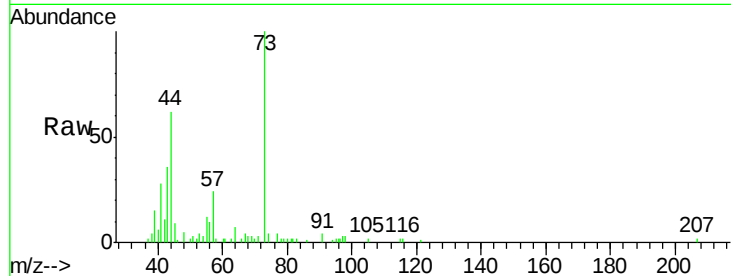




#19
Methyl tert-butyl Ether
Concen: 1.02 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

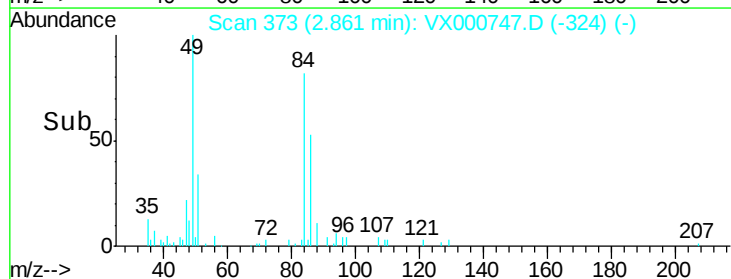
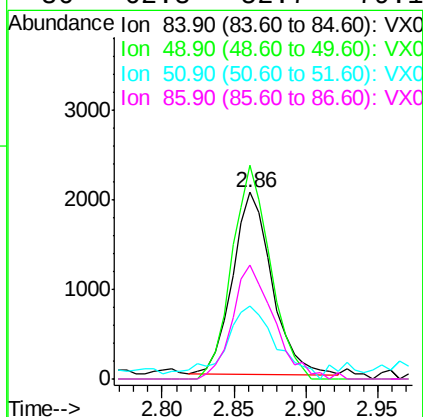
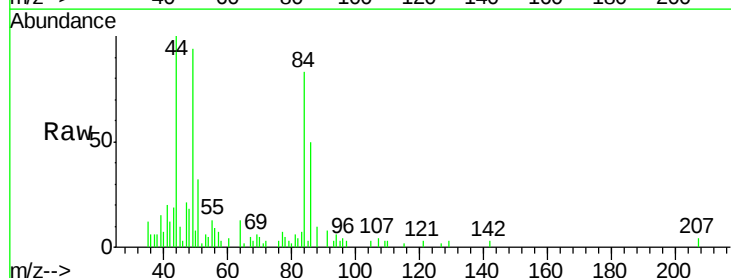
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

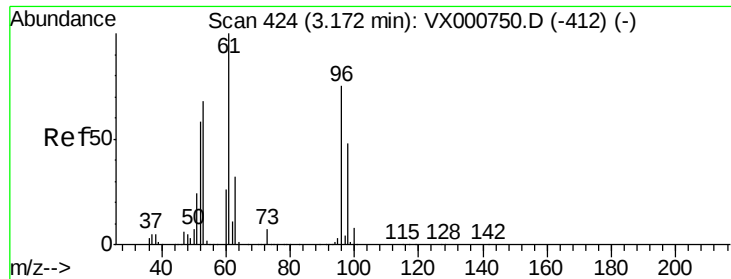
Tgt Ion: 73 Resp: 10053
Ion Ratio Lower Upper
73 100
57 20.8 16.9 25.3



#20
Methylene Chloride
Concen: 1.26 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion: 84 Resp: 3879
Ion Ratio Lower Upper
84 100
49 117.8 98.1 147.1
51 35.5 28.9 43.3
86 62.8 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 1.24 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

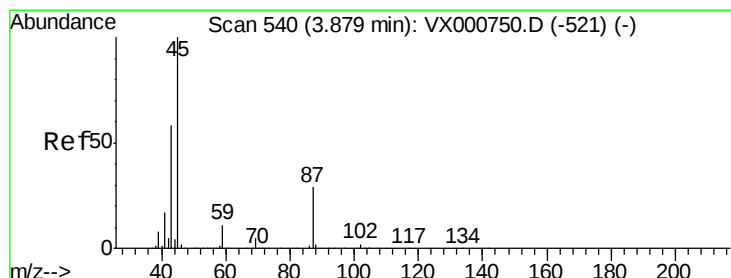
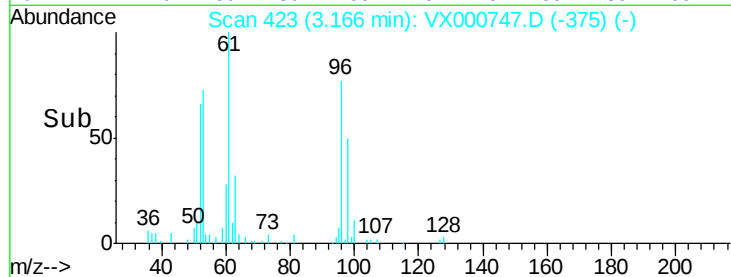
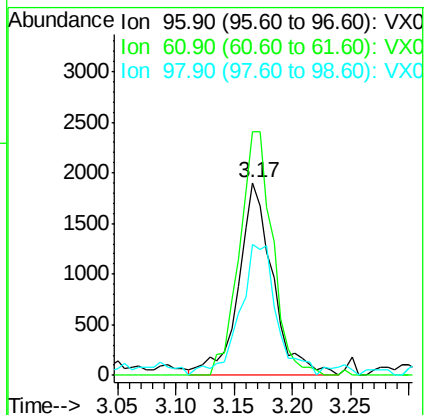
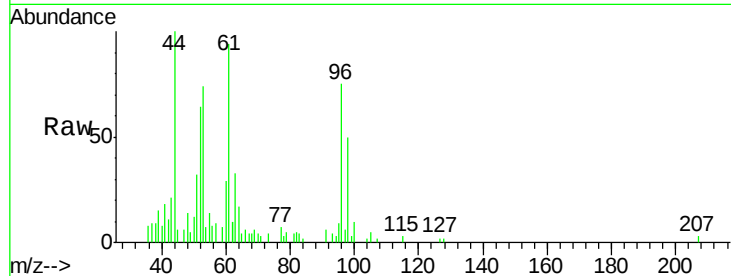
Tgt Ion: 96 Resp: 3896

Ion Ratio Lower Upper

96 100

61 125.9 106.2 159.2

98 67.6 51.2 76.8



#22

Diisopropyl ether

Concen: 1.02 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Tgt Ion: 45 Resp: 10092

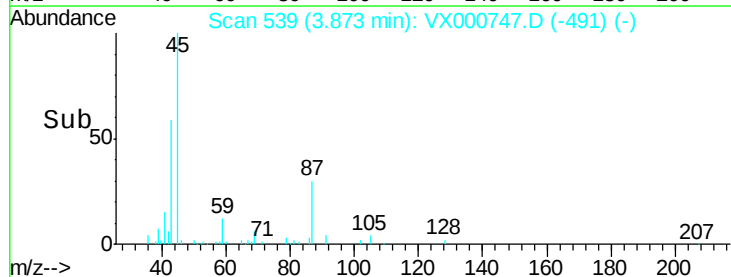
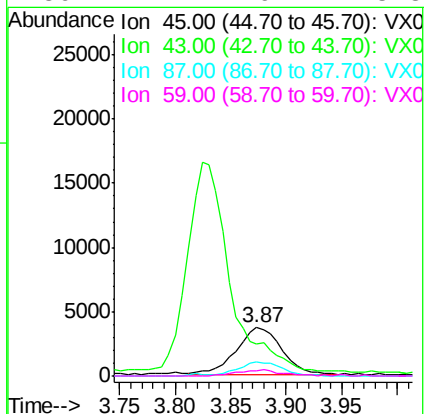
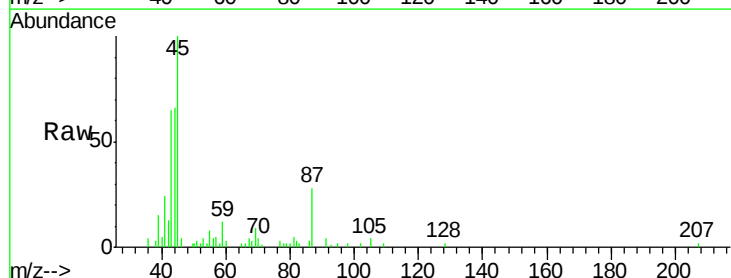
Ion Ratio Lower Upper

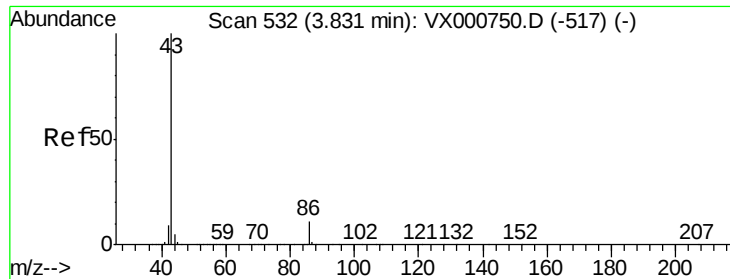
45 100

43 57.4 46.6 69.8

87 29.4 22.9 34.3

59 12.1 9.2 13.8





#23

Vinyl Acetate

Concen: 4.95 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

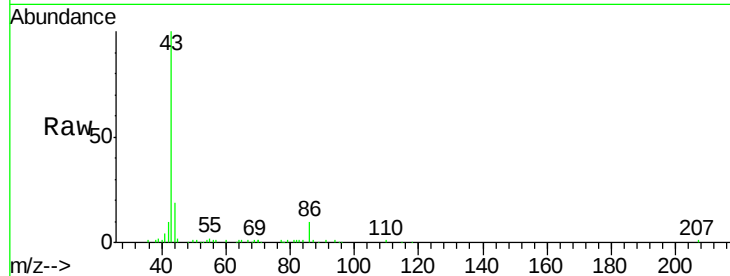
VSTDIC001

Tgt Ion: 43 Resp: 42987

Ion Ratio Lower Upper

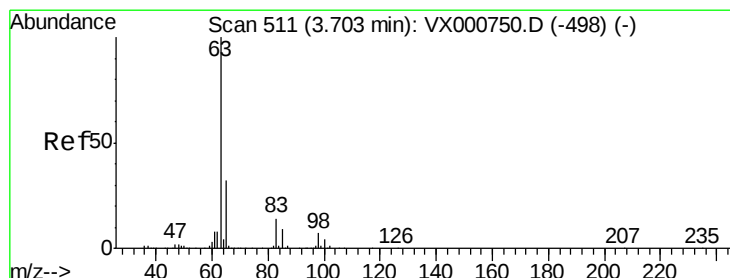
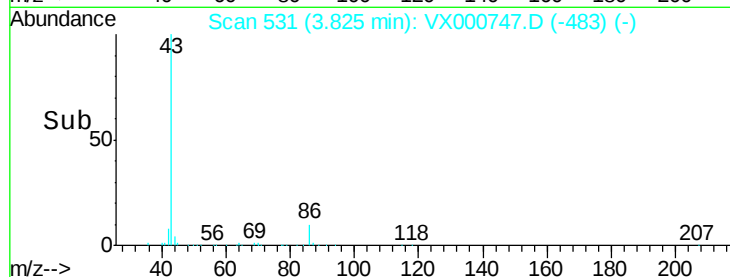
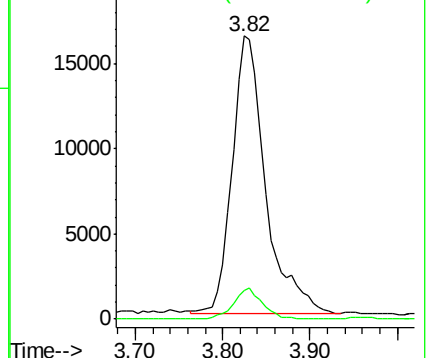
43 100

86 10.3 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.10 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

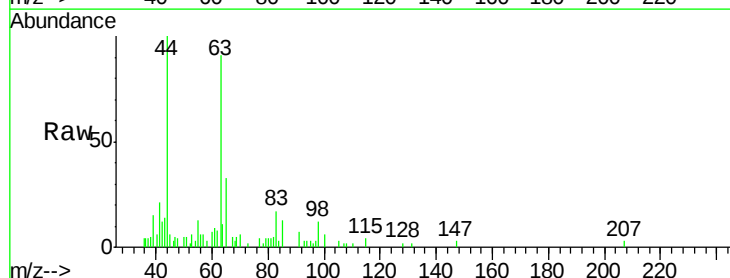
Tgt Ion: 63 Resp: 6066

Ion Ratio Lower Upper

63 100

98 10.1 3.3 9.9#

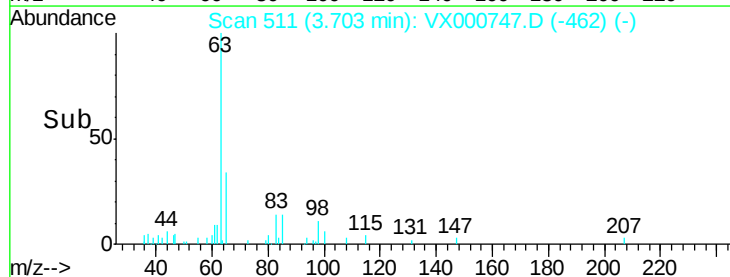
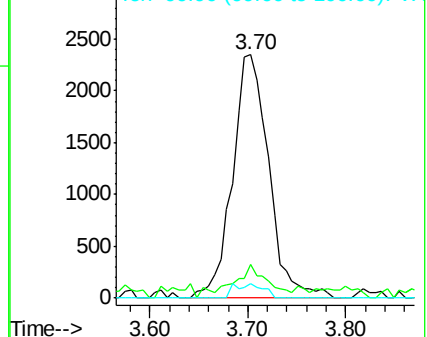
100 6.1 2.1 6.3

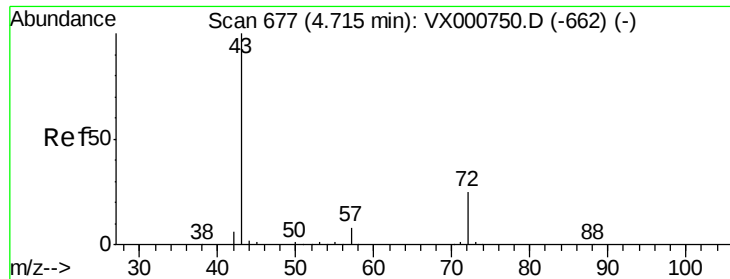


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.01 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

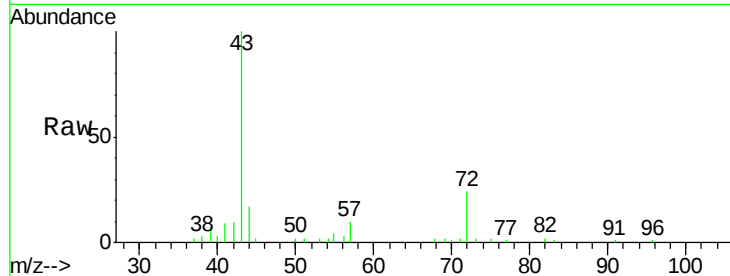
VSTDIC001

Tgt Ion: 43 Resp: 11739

Ion Ratio Lower Upper

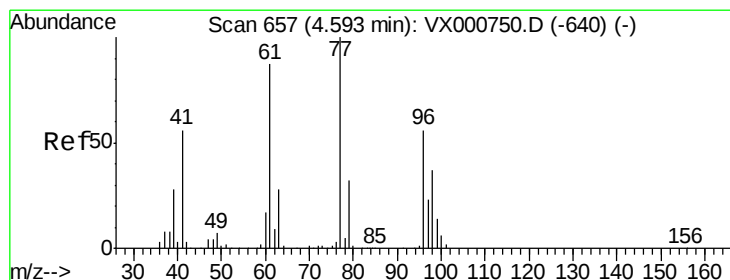
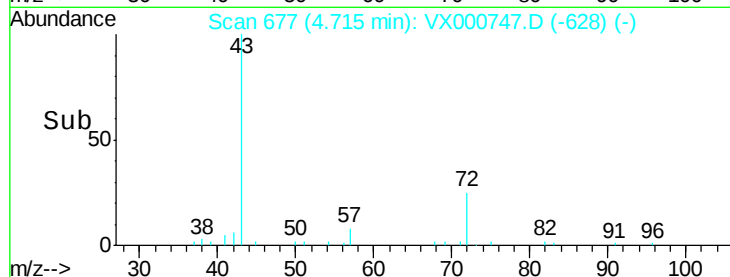
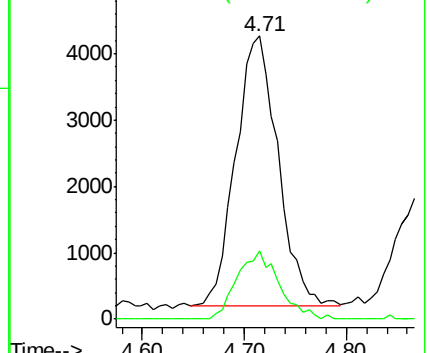
43 100

72 25.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.14 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000747.D

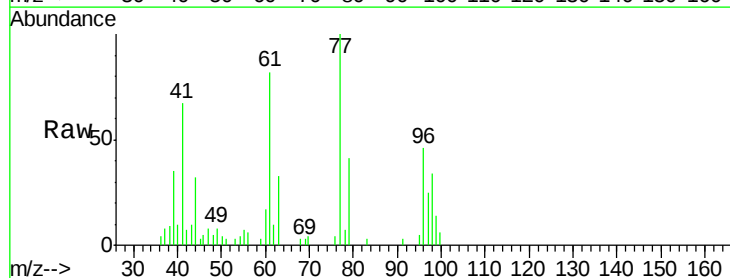
Acq: 10 Apr 2018 12:44

Tgt Ion: 77 Resp: 6249

Ion Ratio Lower Upper

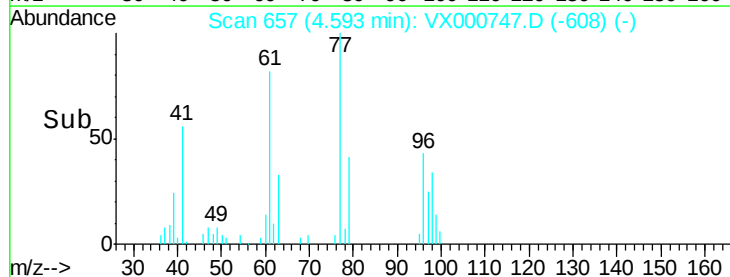
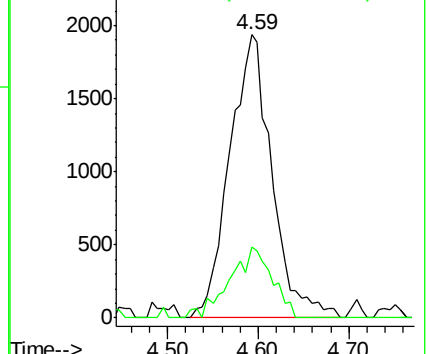
77 100

97 25.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 1.05 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

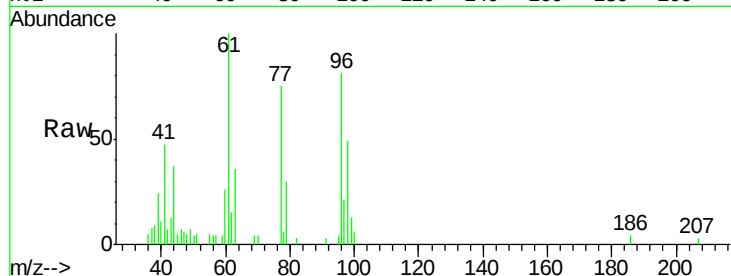
Tgt Ion: 96 Resp: 3846

Ion Ratio Lower Upper

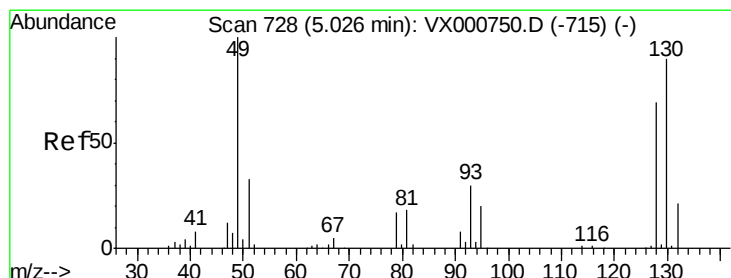
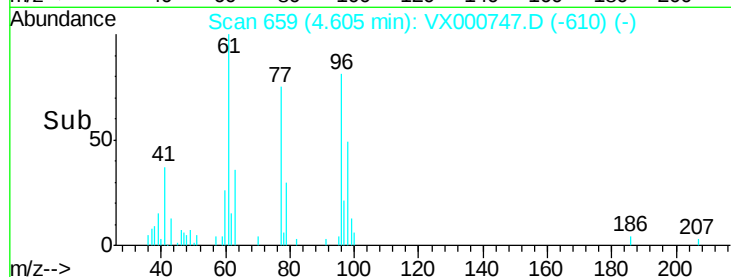
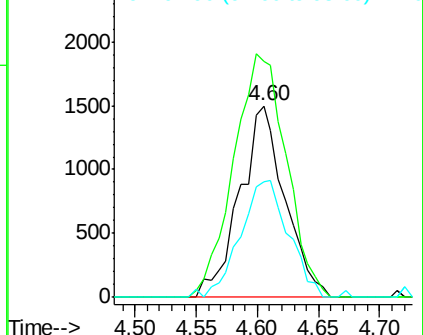
96 100

61 147.9 0.0 292.4

98 65.4 0.0 130.2



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



#28

Bromochloromethane

Concen: 1.23 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

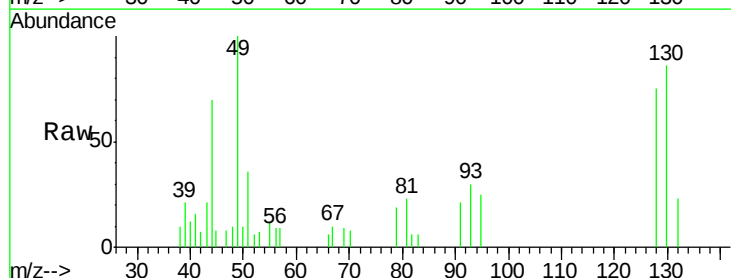
Tgt Ion: 49 Resp: 2647

Ion Ratio Lower Upper

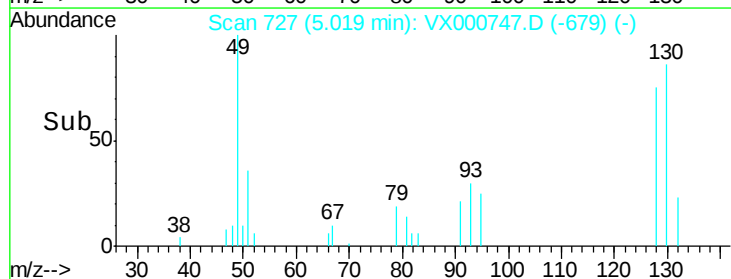
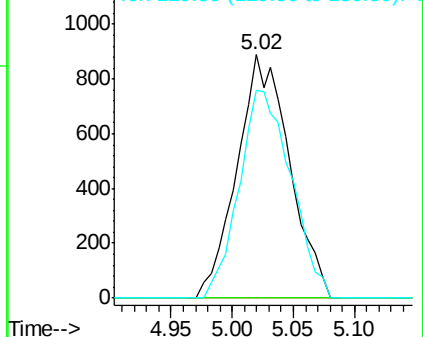
49 100

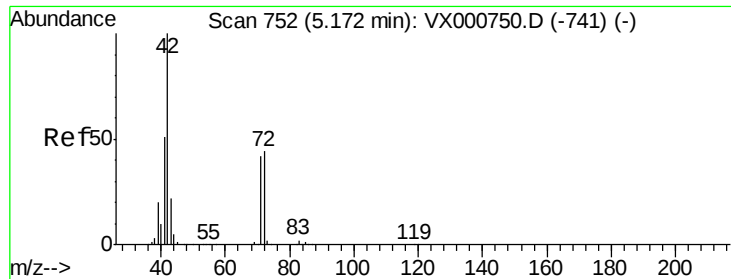
129 0.0 0.0 5.2

130 84.5 72.6 109.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

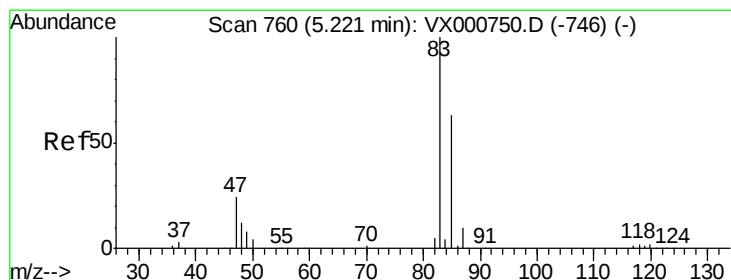
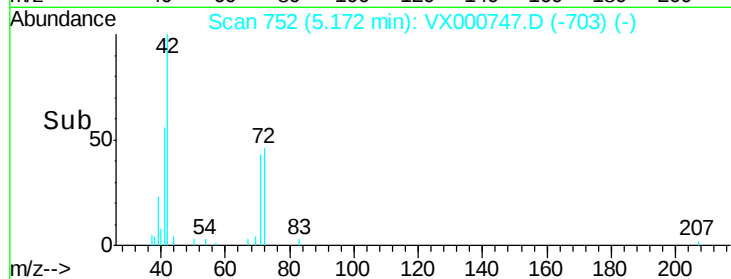
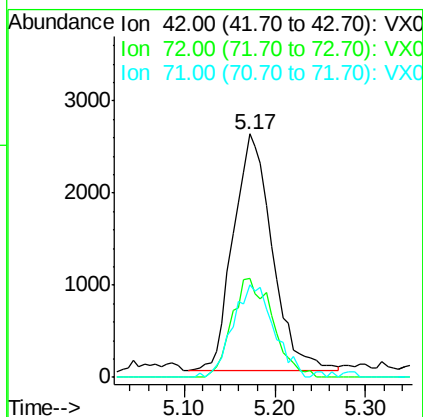
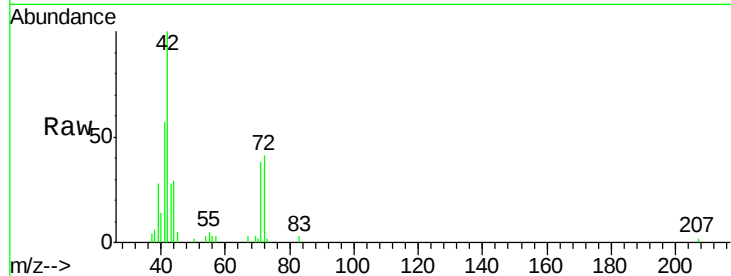




#29
Tetrahydrofuran
Concen: 5.21 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

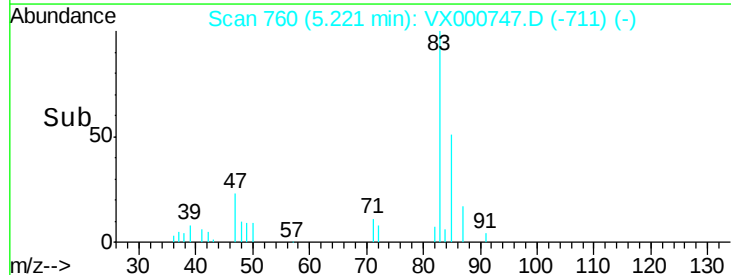
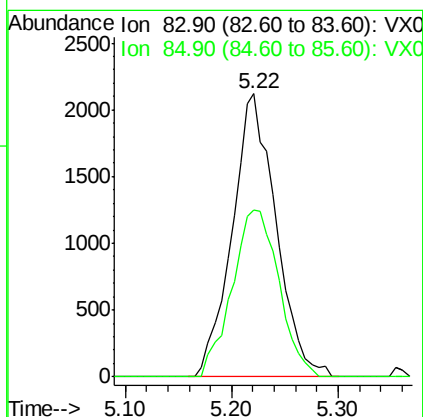
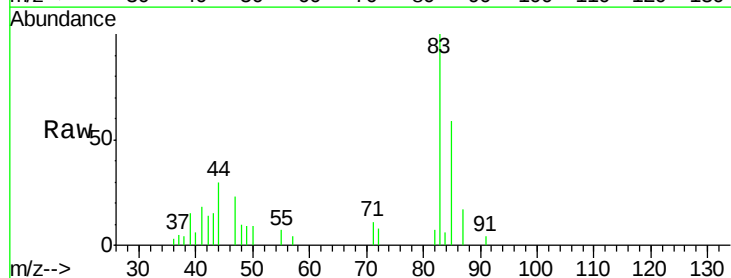
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

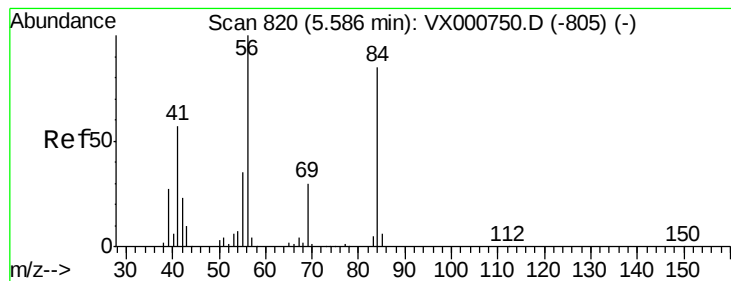
Tgt Ion: 42 Resp: 7688
Ion Ratio Lower Upper
42 100
72 43.3 35.1 52.7
71 40.7 32.8 49.2



#30
Chloroform
Concen: 1.03 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion: 83 Resp: 6111
Ion Ratio Lower Upper
83 100
85 59.1 50.7 76.1





#31

Cyclohexane

Concen: 1.17 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

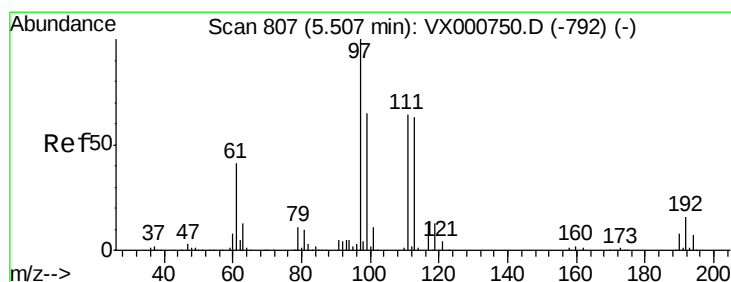
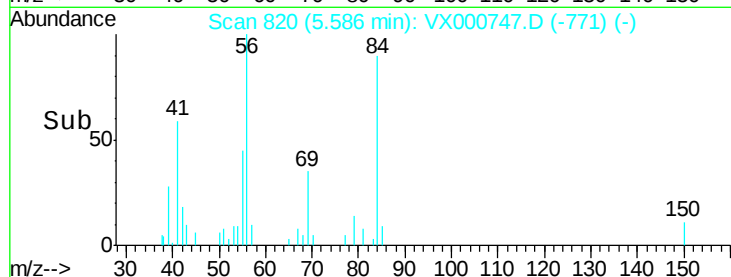
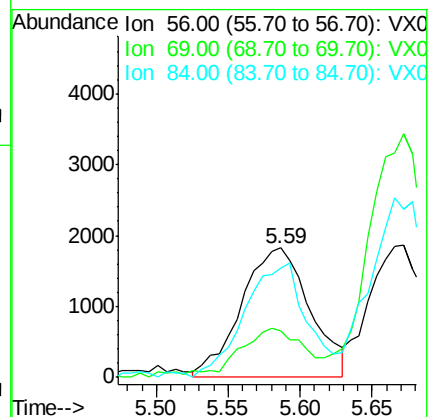
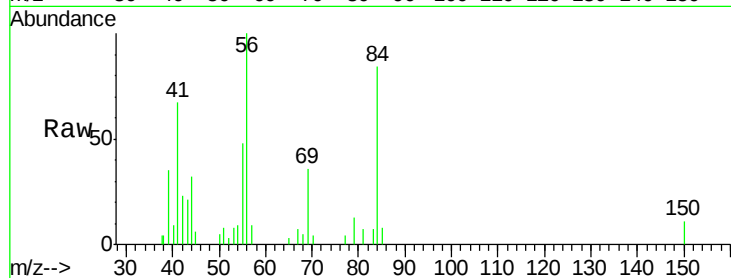
Tgt Ion: 56 Resp: 6051

Ion Ratio Lower Upper

56 100

69 31.9 24.2 36.4

84 88.1 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 1.05 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

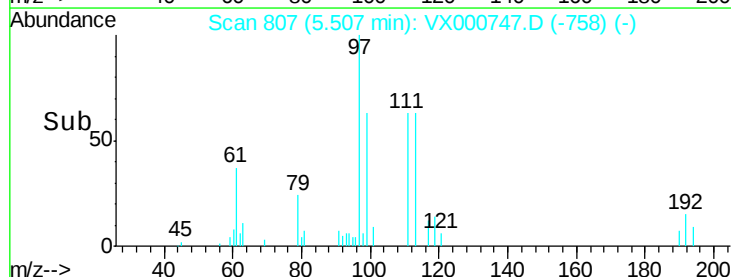
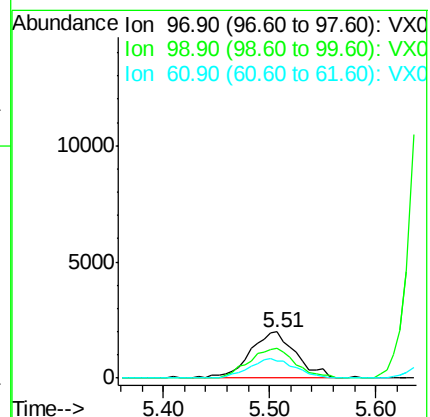
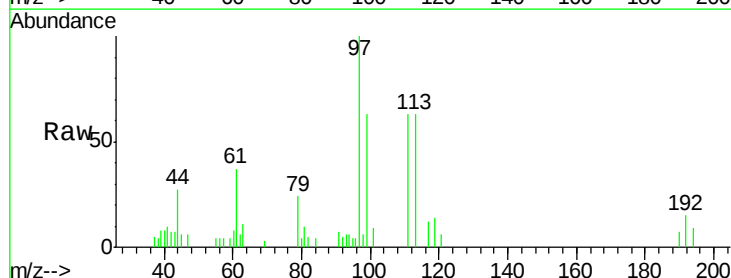
Tgt Ion: 97 Resp: 5979

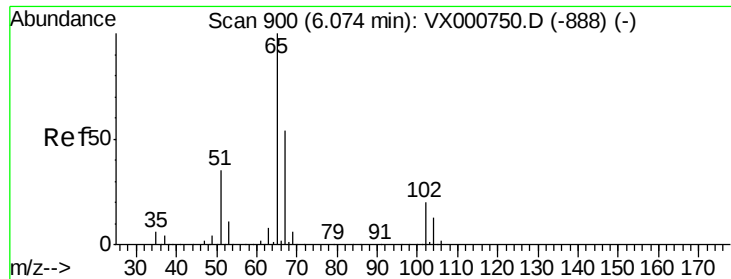
Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 41.1 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 1.30 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

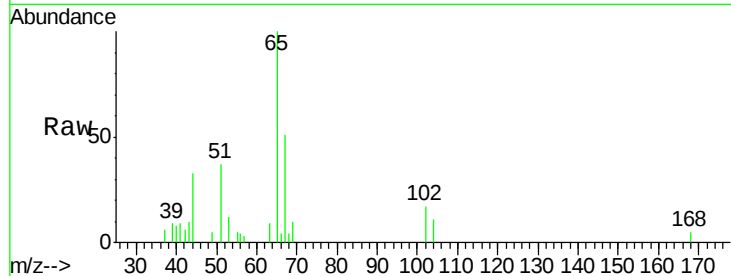
VSTDIC001

Tgt Ion: 65 Resp: 5043

Ion Ratio Lower Upper

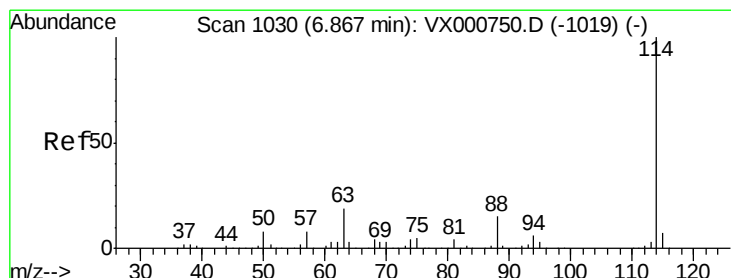
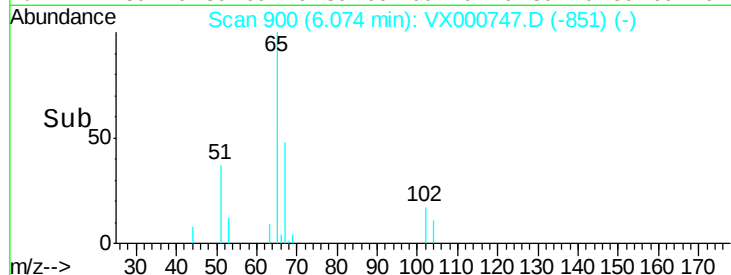
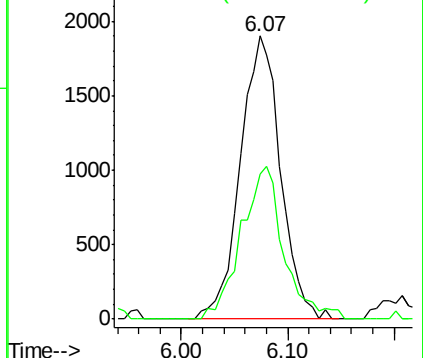
65 100

67 56.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

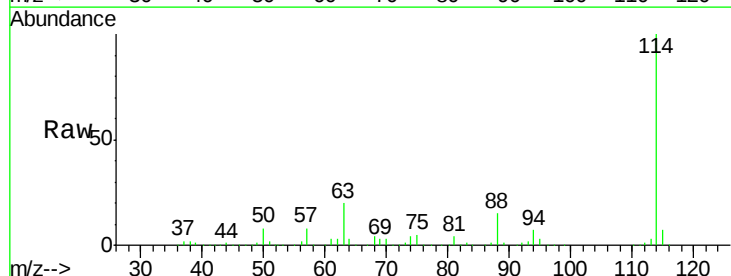
Tgt Ion: 114 Resp: 410269

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

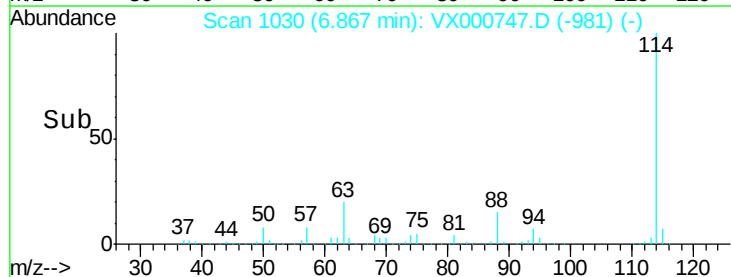
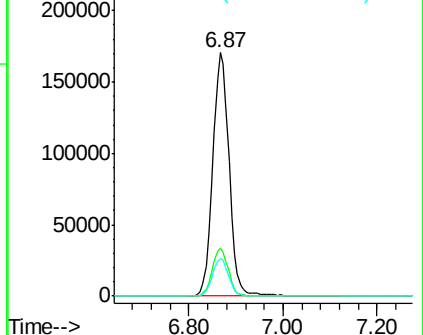
88 15.4 0.0 31.0

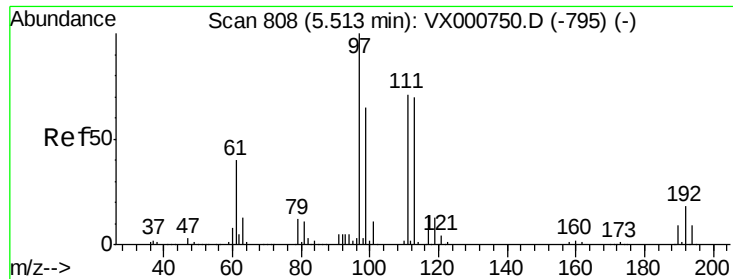


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1.10 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

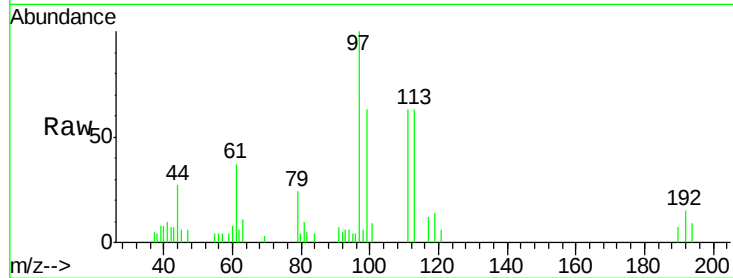
Tgt Ion:113 Resp: 3477

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

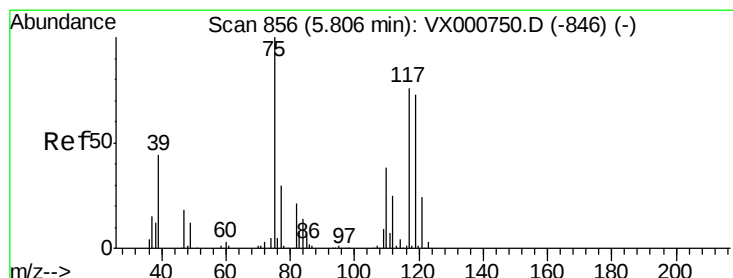
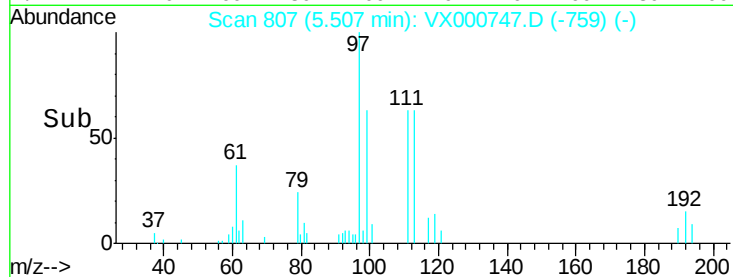
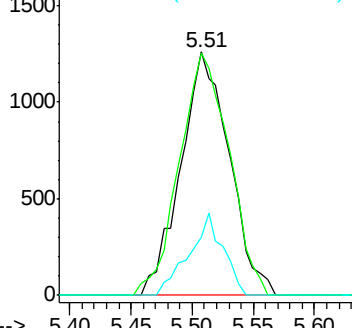
192 23.6 20.4 30.6



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: 1.20 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

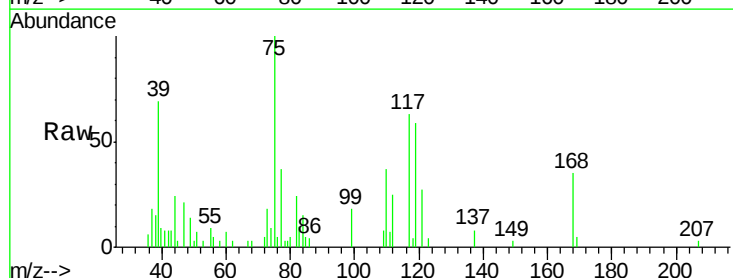
Tgt Ion: 75 Resp: 5243

Ion Ratio Lower Upper

75 100

110 36.5 19.2 57.6

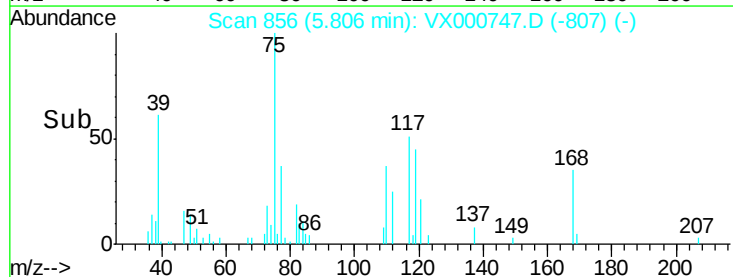
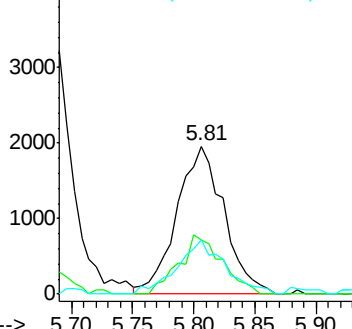
77 37.2 25.4 38.2

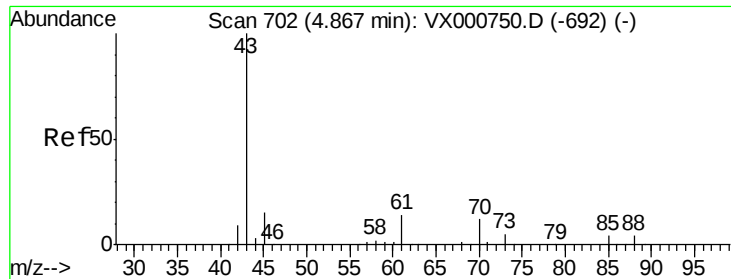


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.07 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

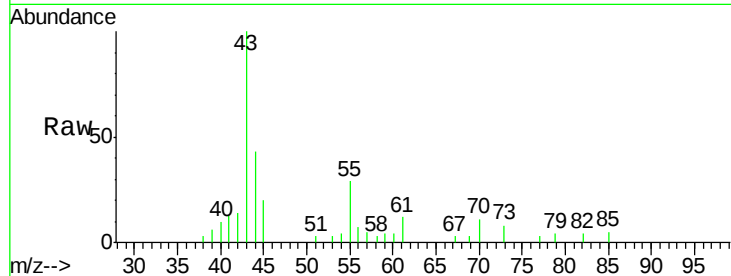
Tgt Ion: 43 Resp: 4713

Ion Ratio Lower Upper

43 100

61 13.2 11.0 16.4

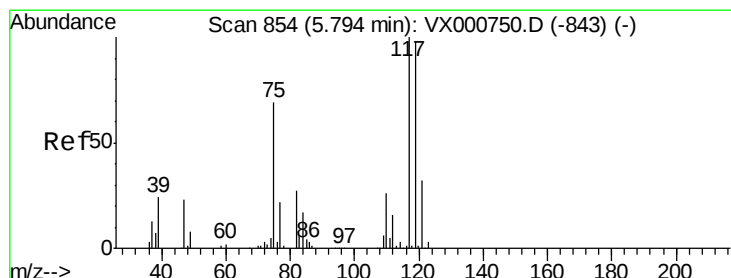
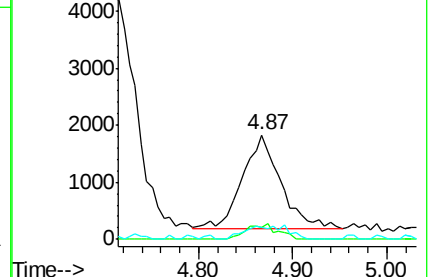
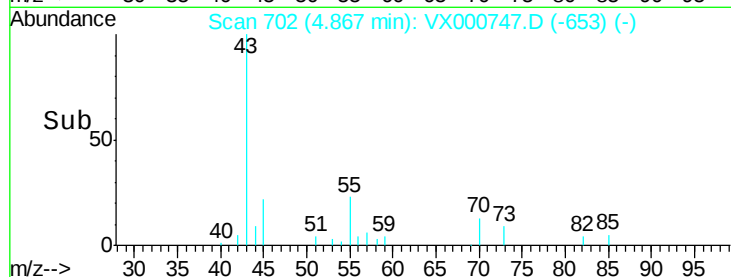
70 8.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX000747.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX000747.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX000747.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 1.12 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

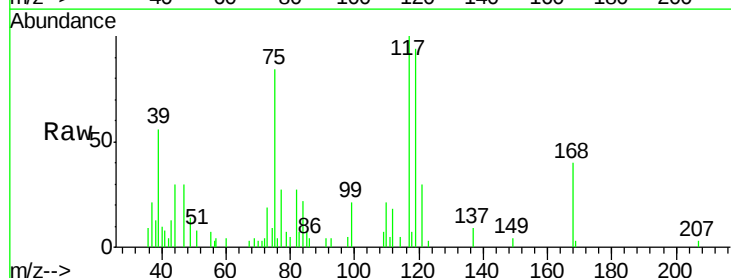
Tgt Ion: 117 Resp: 5614

Ion Ratio Lower Upper

117 100

119 94.2 78.4 117.6

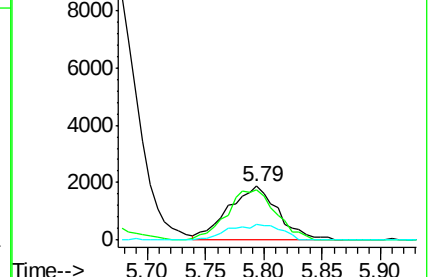
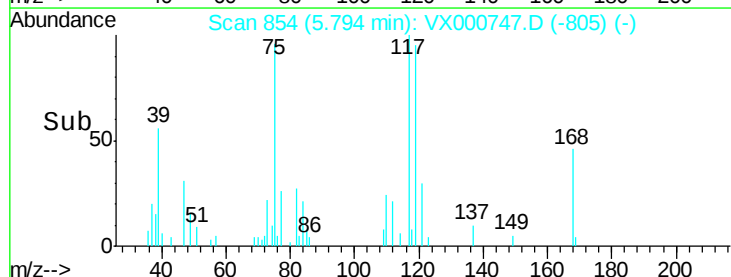
121 30.1 25.4 38.0

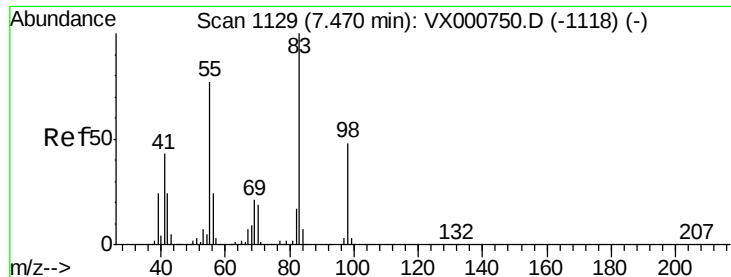


Abundance Ion 116.80 (116.50 to 117.50): VX000747.D (-805) (-)

Ion 118.80 (118.50 to 119.50): VX000747.D (-805) (-)

Ion 120.80 (120.50 to 121.50): VX000747.D (-805) (-)

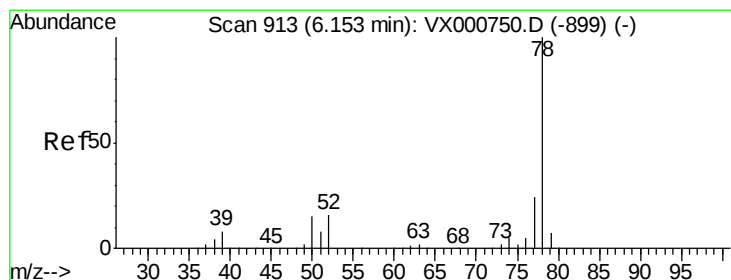
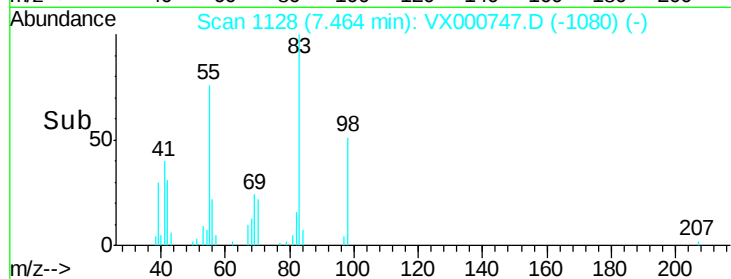
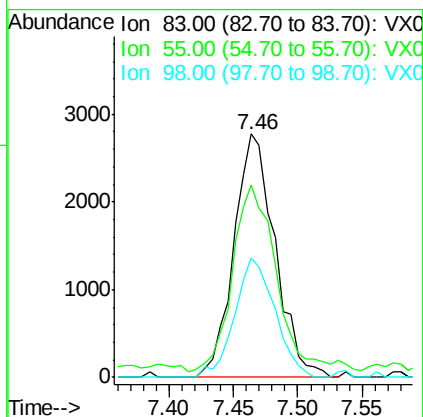
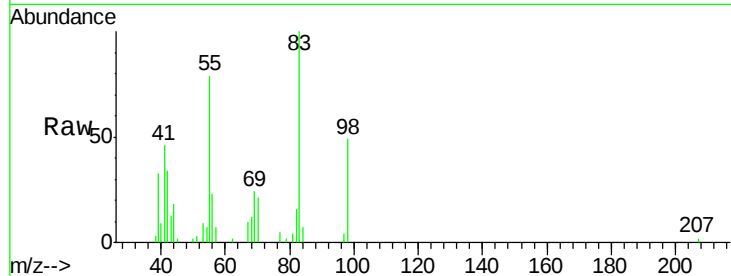




#39
Methylcyclohexane
Concen: 1.18 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

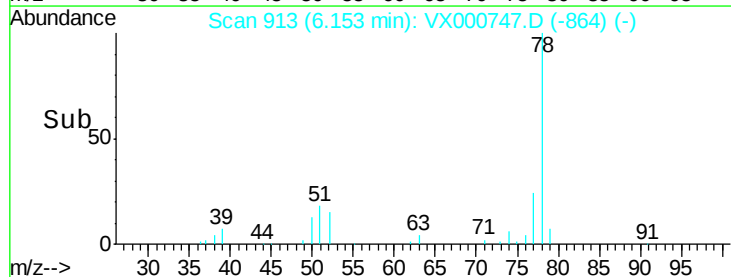
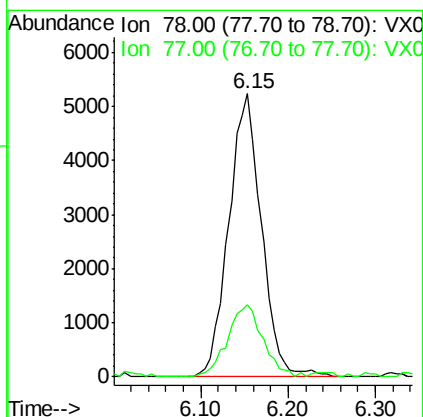
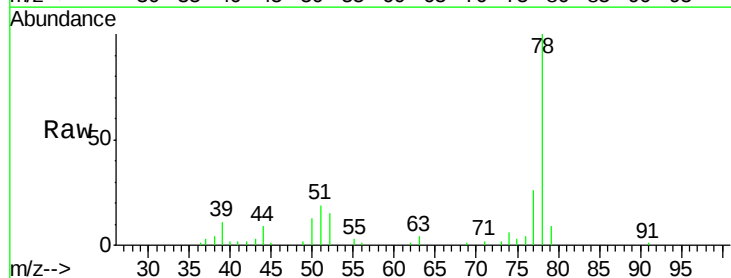
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

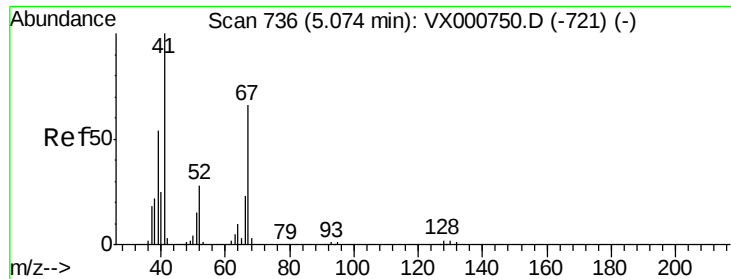
Tgt Ion: 83 Resp: 6147
Ion Ratio Lower Upper
83 100
55 77.0 61.5 92.3
98 49.3 38.1 57.1



#40
Benzene
Concen: 1.10 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion: 78 Resp: 13612
Ion Ratio Lower Upper
78 100
77 25.6 19.0 28.6

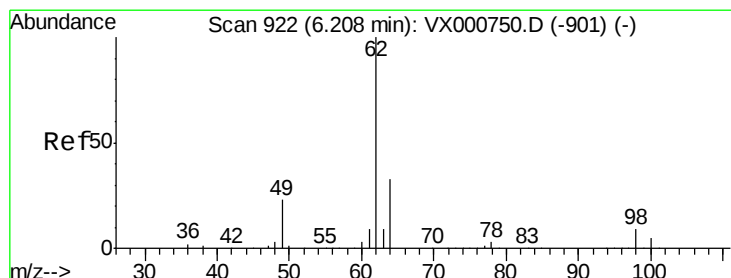
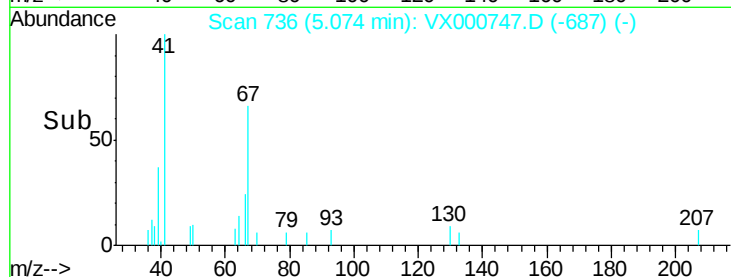
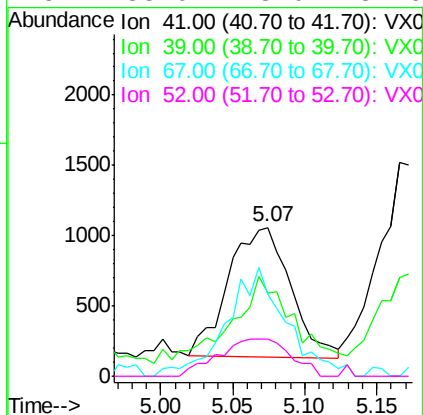
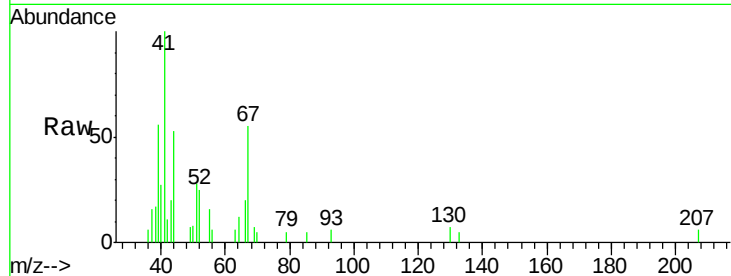




#41
Methacrylonitrile
Concen: 1.09 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

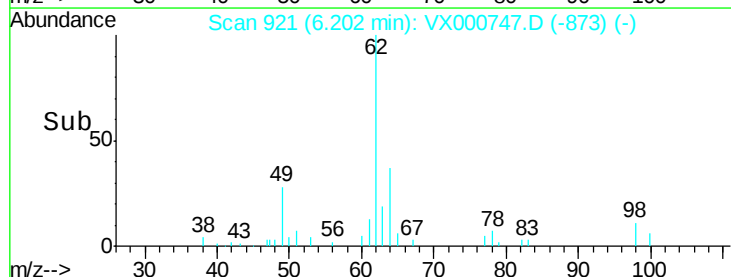
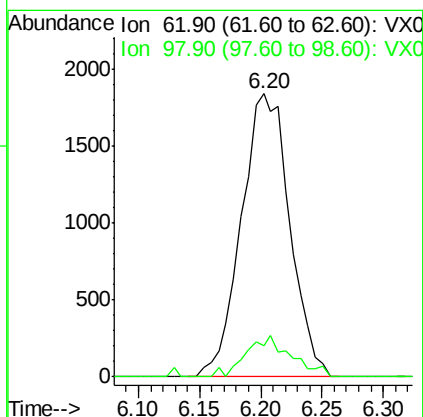
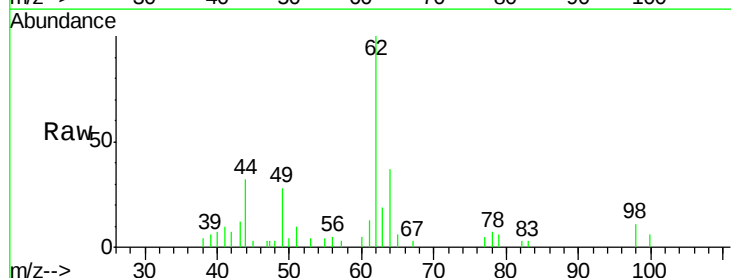
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

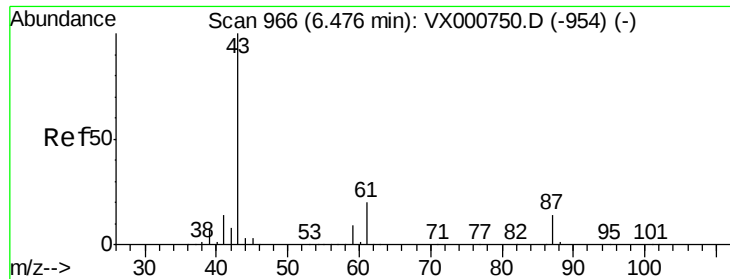
Tgt Ion:	41	Resp:	2779
Ion	Ratio	Lower	Upper
41	100		
39	65.6	44.9	67.3
67	80.0	54.7	82.1
52	33.0	23.0	34.6



#42
1,2-Dichloroethane
Concen: 1.09 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion:	62	Resp:	5056
Ion	Ratio	Lower	Upper
62	100		
98	13.5	0.0	18.6





#43

Isopropyl Acetate

Concen: 1.08 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

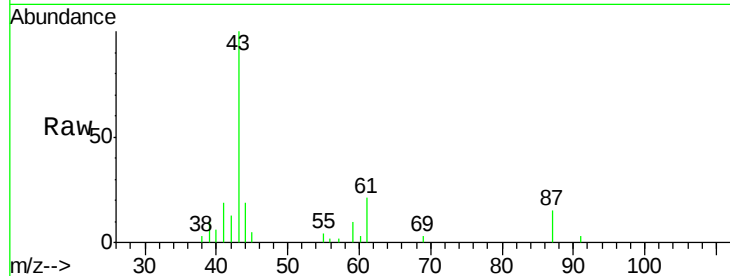
Tgt Ion: 43 Resp: 8125

Ion Ratio Lower Upper

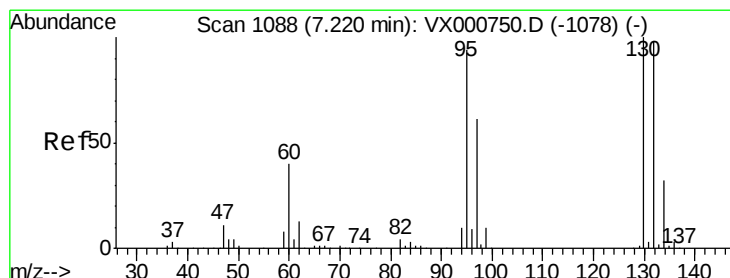
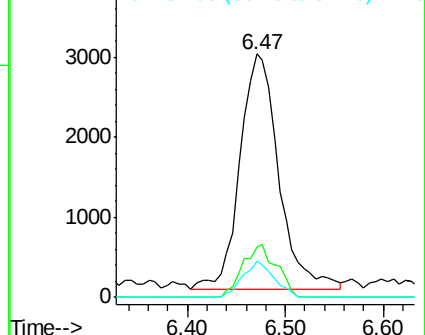
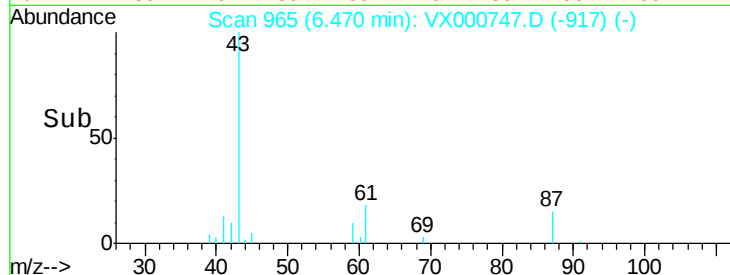
43 100

61 19.4 15.6 23.4

87 12.3 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX000747.D (-917) (-)



#44

Trichloroethene

Concen: 1.12 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000747.D

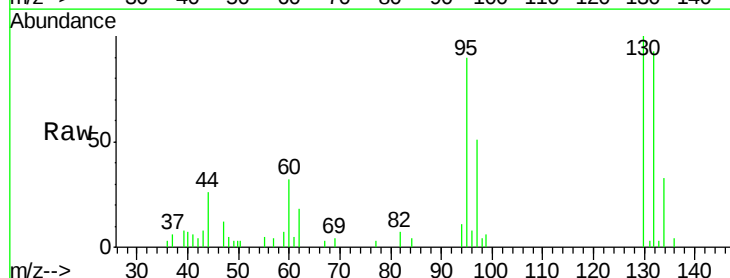
Acq: 10 Apr 2018 12:44

Tgt Ion: 130 Resp: 4317

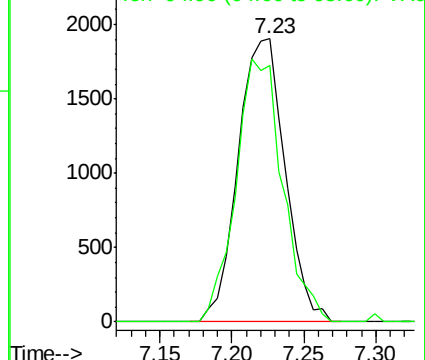
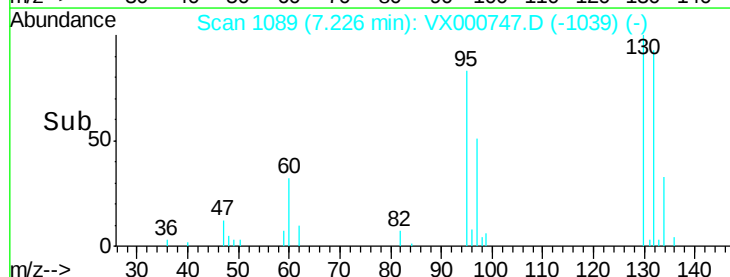
Ion Ratio Lower Upper

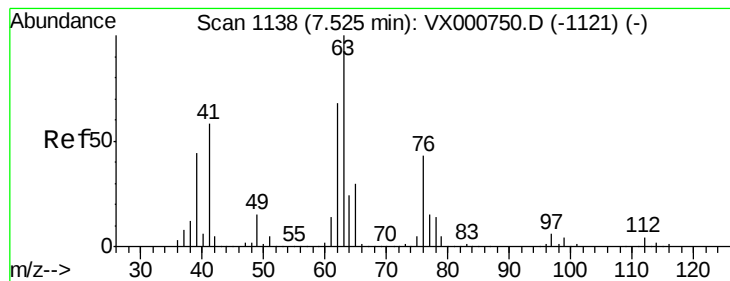
130 100

95 90.5 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX000747.D (-1039) (-)





#45

1,2-Dichloropropane

Concen: 1.03 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

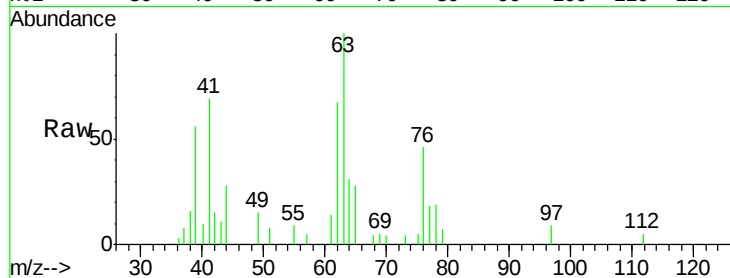
VSTDIC001

Tgt Ion: 63 Resp: 3307

Ion Ratio Lower Upper

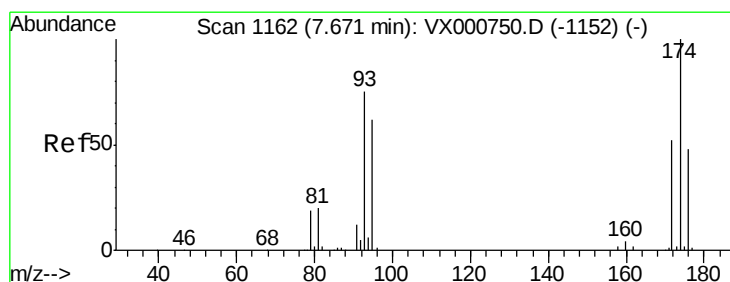
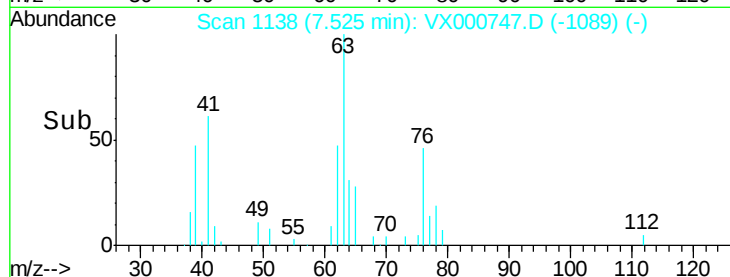
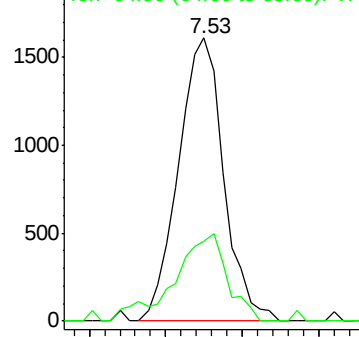
63 100

65 28.0 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 1.11 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

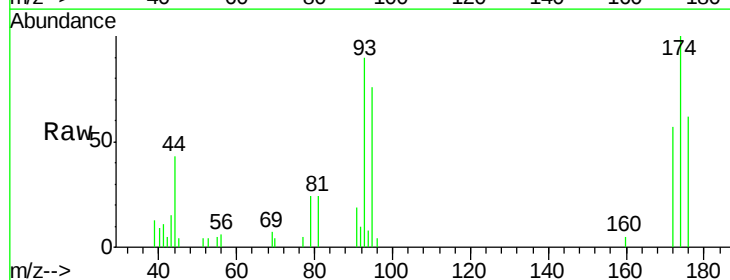
Tgt Ion: 93 Resp: 2444

Ion Ratio Lower Upper

93 100

95 91.8 66.6 100.0

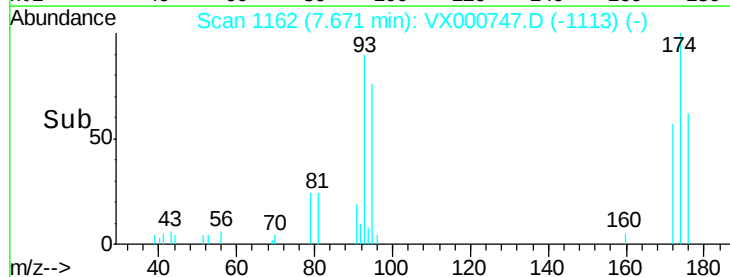
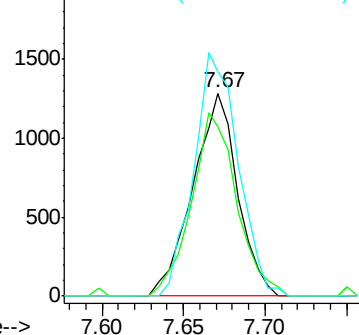
174 119.1 104.5 156.7

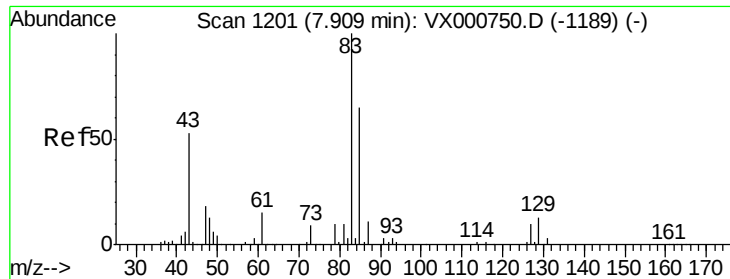


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.01 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

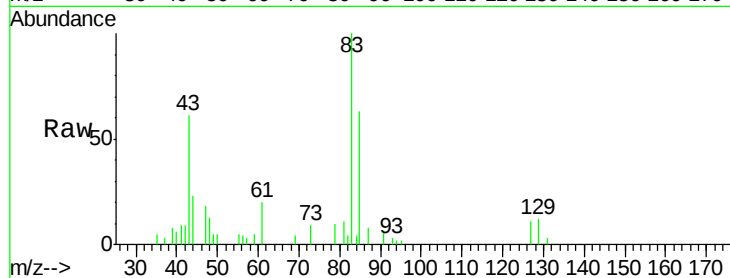
Tgt Ion: 83 Resp: 4580

Ion Ratio Lower Upper

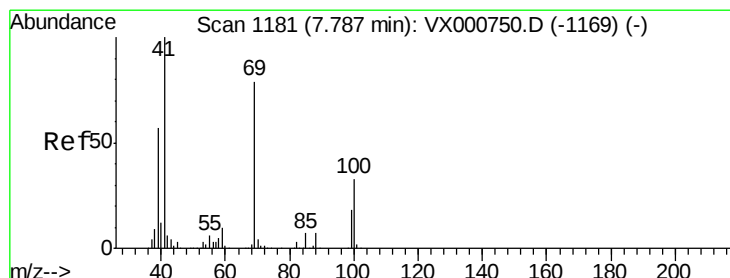
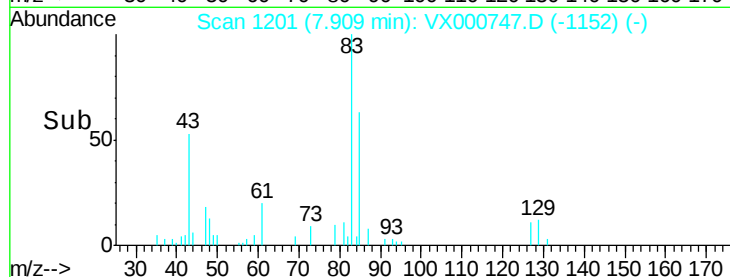
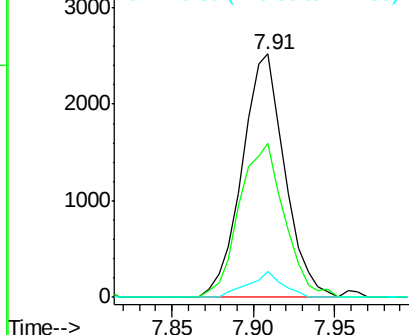
83 100

85 63.2 52.2 78.4

127 10.9 7.8 11.8



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: 1.06 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

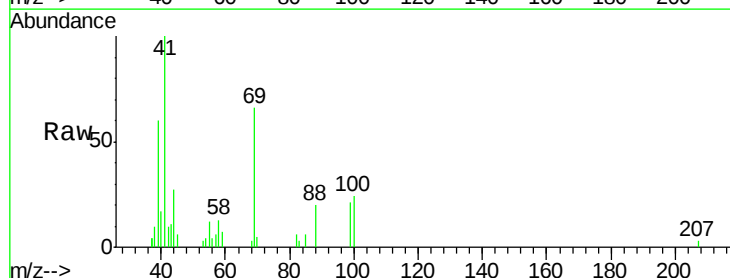
Tgt Ion: 41 Resp: 4162

Ion Ratio Lower Upper

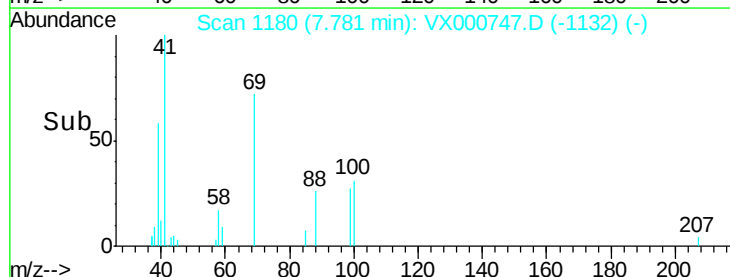
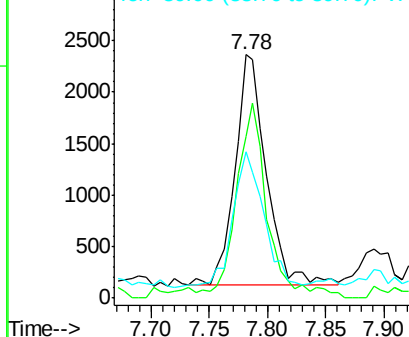
41 100

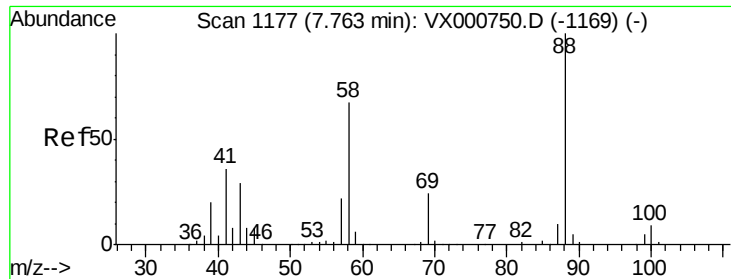
69 83.7 63.9 95.9

39 60.9 45.9 68.9



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

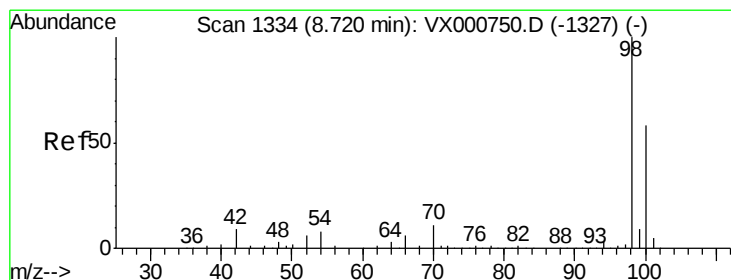
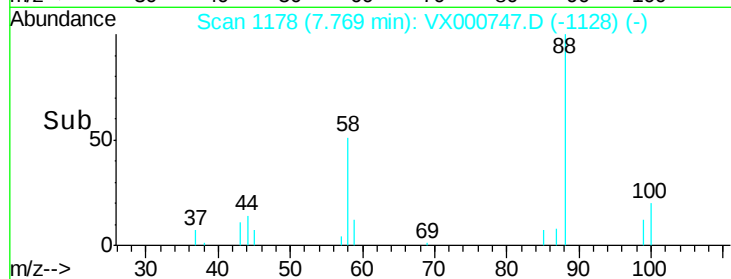
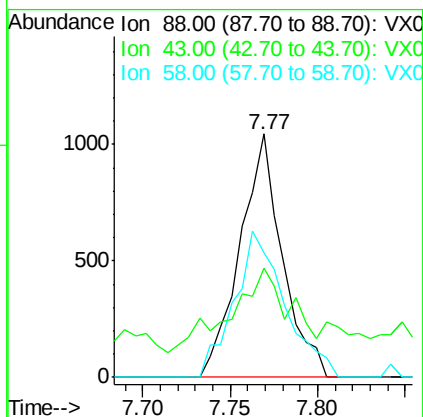
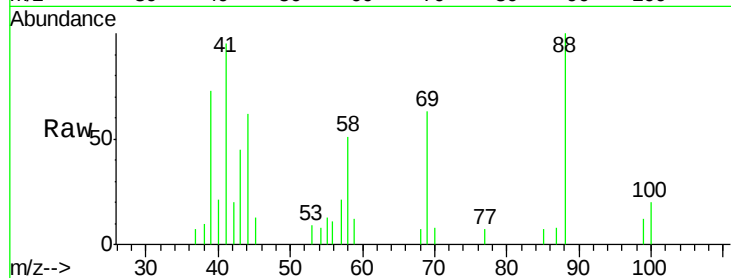




#49
1,4-Dioxane
Concen: 22.32 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

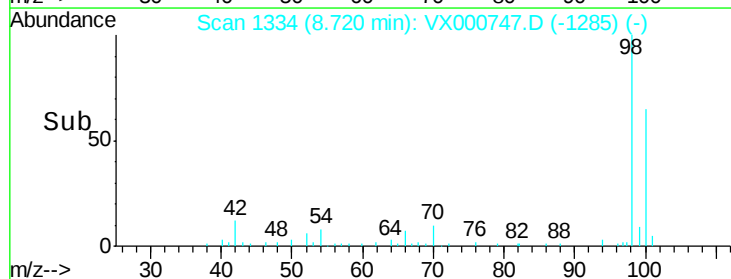
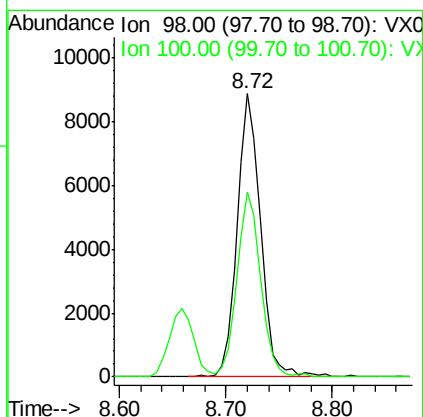
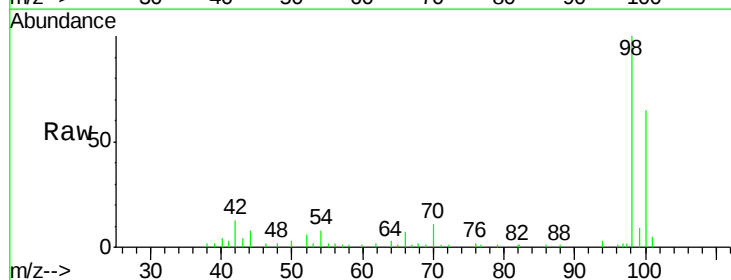
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion: 88 Resp: 1761
Ion Ratio Lower Upper
88 100
43 48.9 25.8 38.8#
58 71.8 54.4 81.6



#50
Toluene-d8
Concen: 1.20 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion: 98 Resp: 13734
Ion Ratio Lower Upper
98 100
100 66.2 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 4.98 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

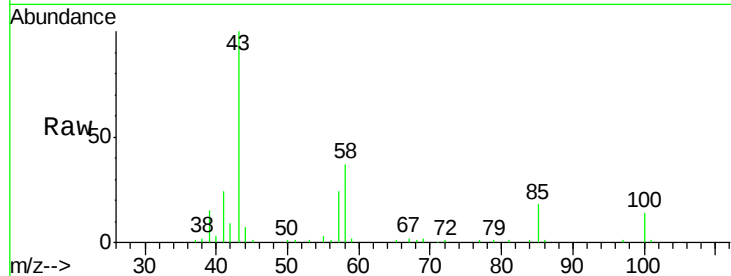
VSTDIC001

Tgt Ion: 43 Resp: 22325

Ion Ratio Lower Upper

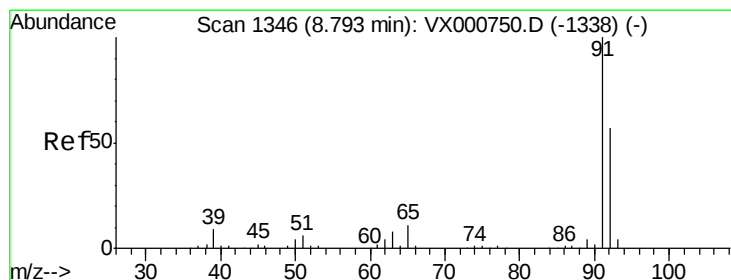
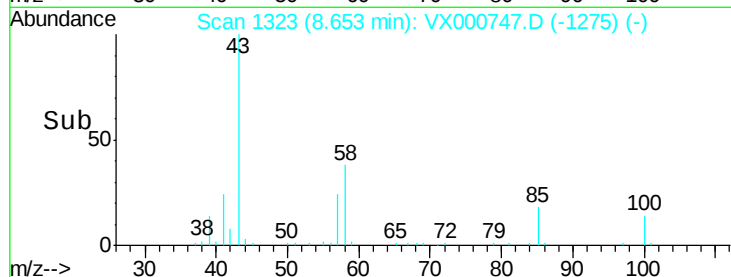
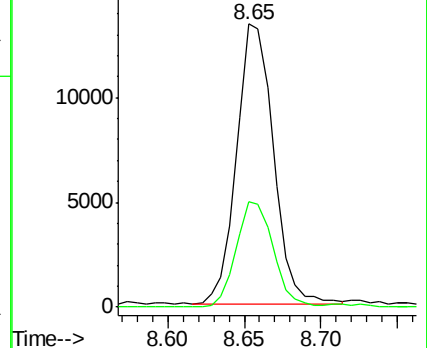
43 100

58 37.8 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 1.10 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000747.D

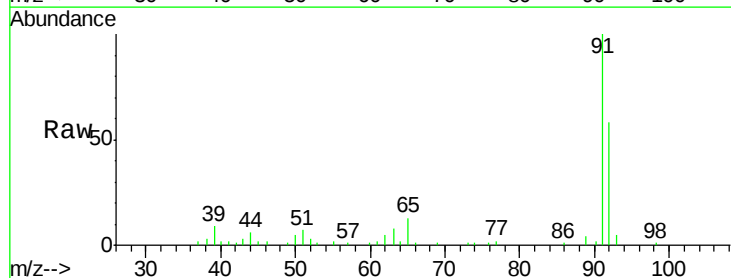
Acq: 10 Apr 2018 12:44

Tgt Ion: 92 Resp: 9034

Ion Ratio Lower Upper

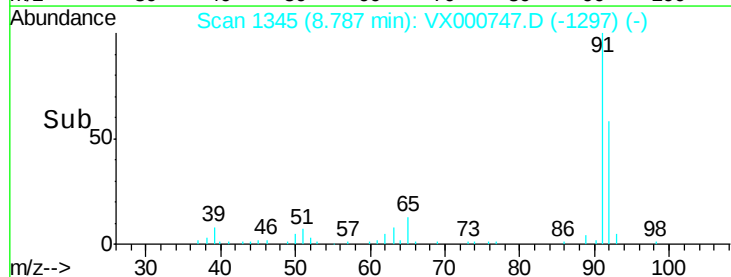
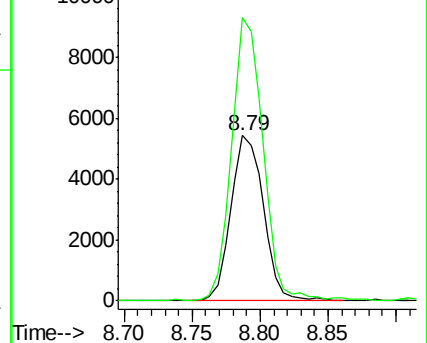
92 100

91 167.2 139.0 208.4



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: 1.01 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

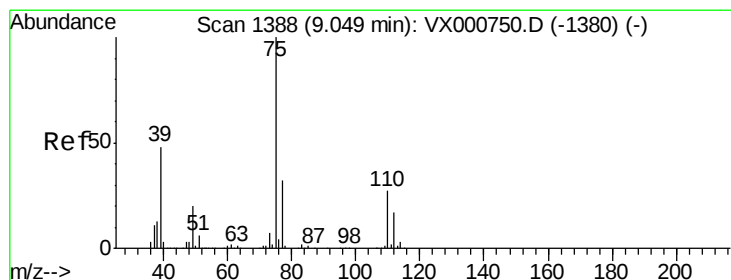
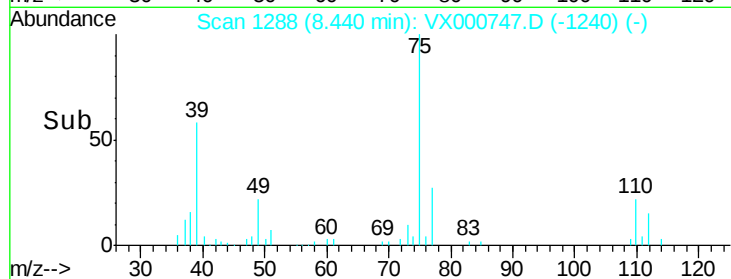
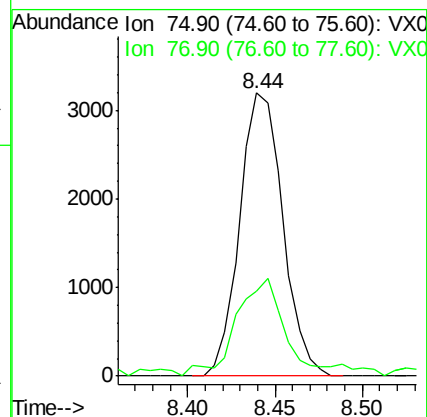
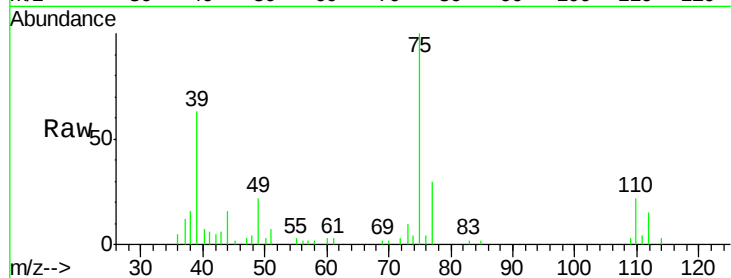
VSTDIC001

Tgt Ion: 75 Resp: 5482

Ion Ratio Lower Upper

75 100

77 26.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 0.99 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

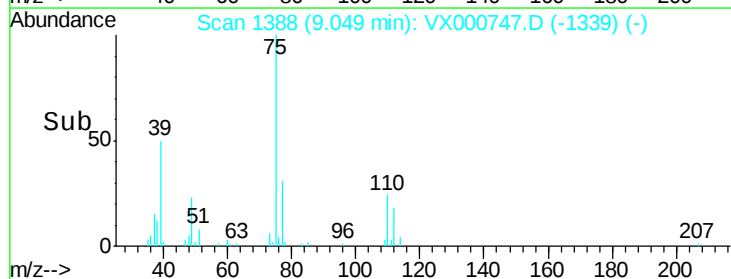
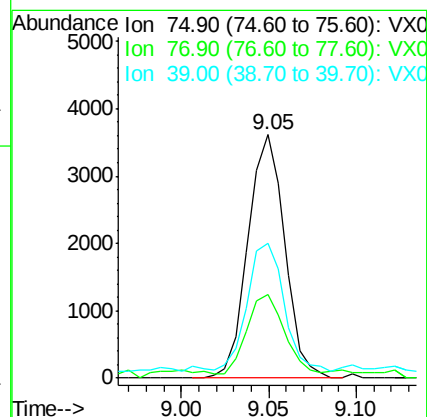
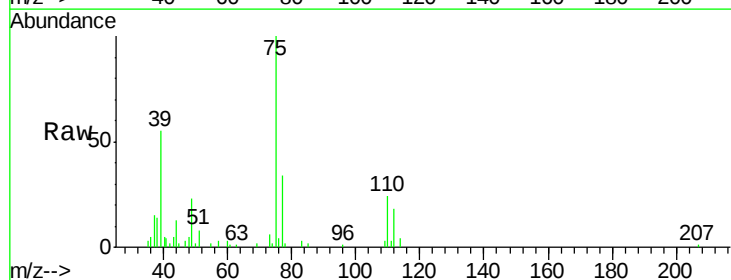
Tgt Ion: 75 Resp: 5295

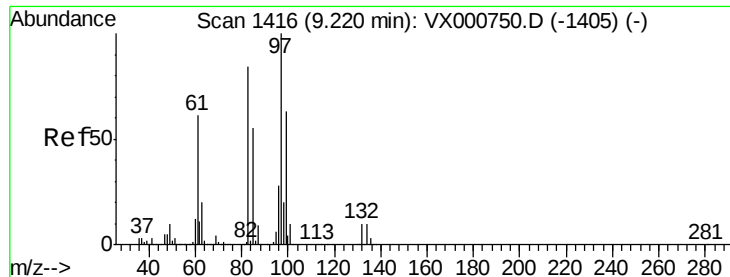
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2

39 50.7 38.6 58.0

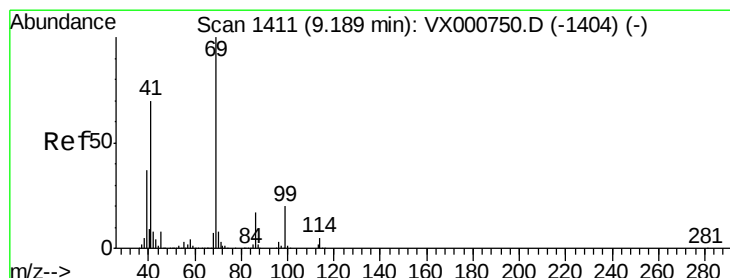
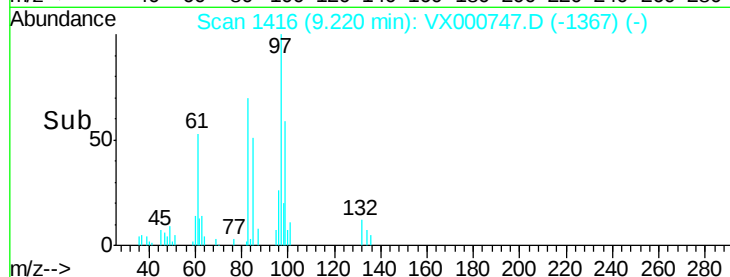
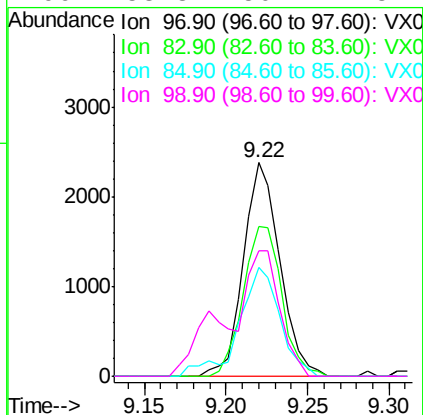
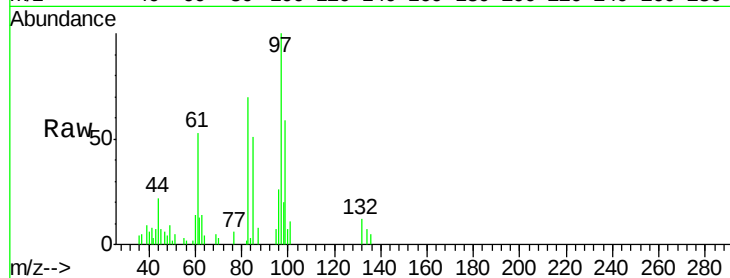




#55
 1,1,2-Trichloroethane
 Concen: 1.15 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

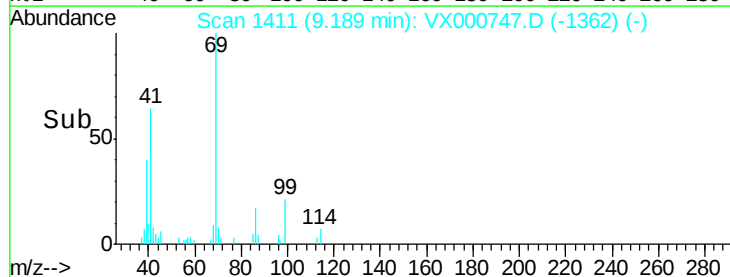
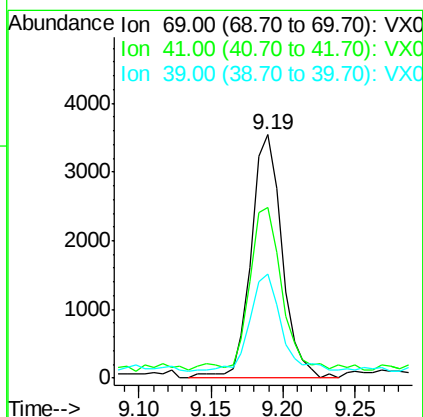
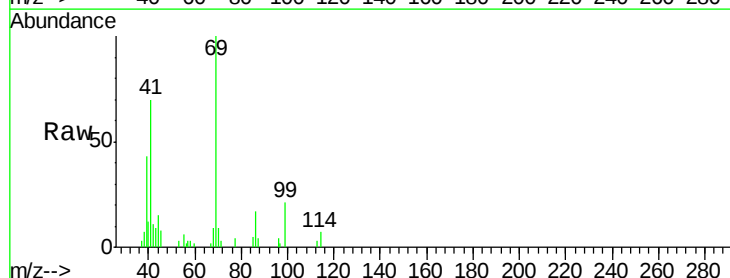
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

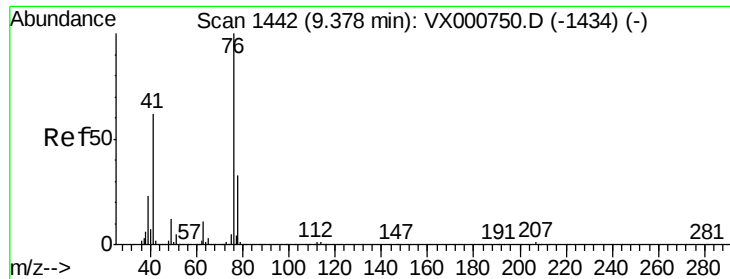
Tgt Ion:	97	Resp:	3703
Ion	Ratio	Lower	Upper
97	100		
83	70.0	67.6	101.4
85	51.2	43.8	65.6
99	58.8	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 1.03 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Tgt Ion:	69	Resp:	5256
Ion	Ratio	Lower	Upper
69	100		
41	66.7	55.6	83.4
39	41.1	30.3	45.5





#57

1,3-Dichloropropane

Concen: 1.02 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

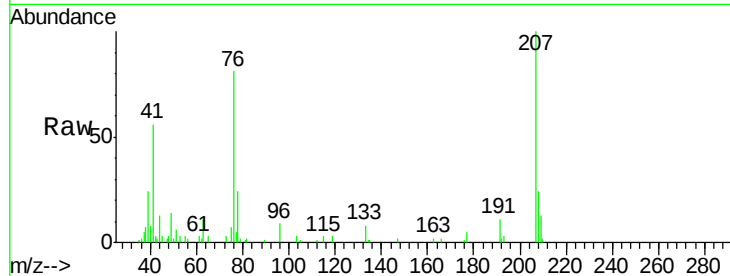
VSTDIC001

Tgt Ion: 76 Resp: 5387

Ion Ratio Lower Upper

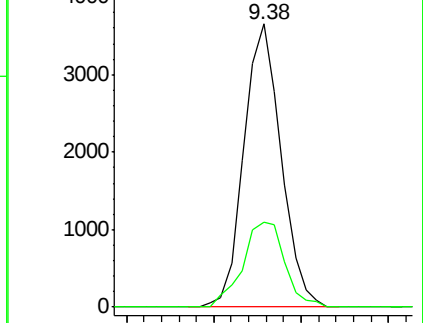
76 100

78 34.1 25.8 38.6

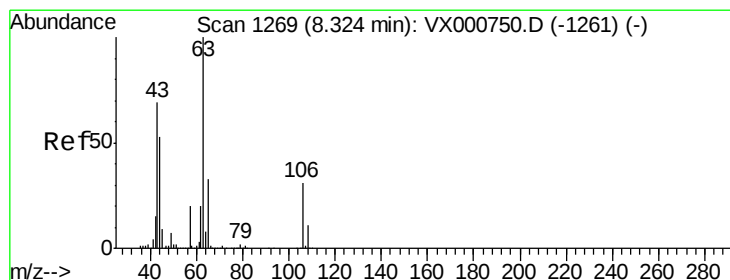
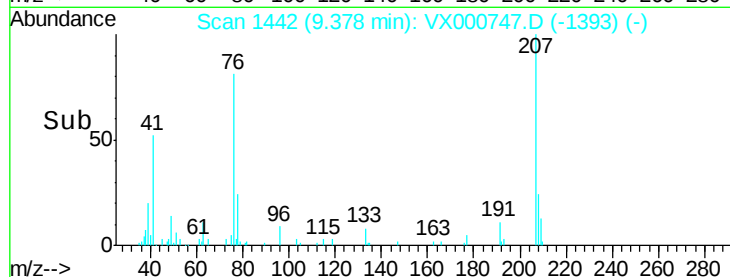


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 4.22 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000747.D

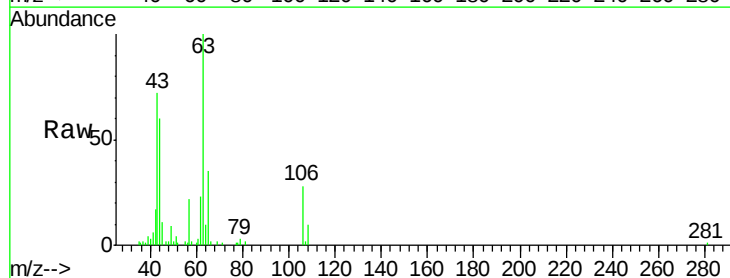
Acq: 10 Apr 2018 12:44

Tgt Ion: 63 Resp: 10304

Ion Ratio Lower Upper

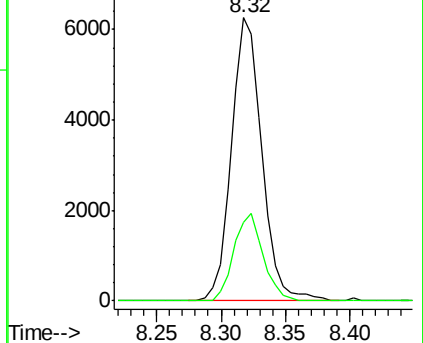
63 100

106 29.5 24.3 36.5

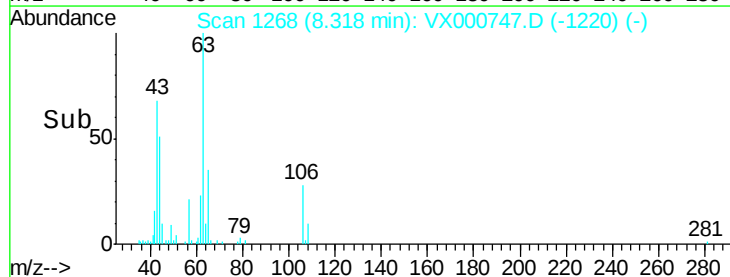


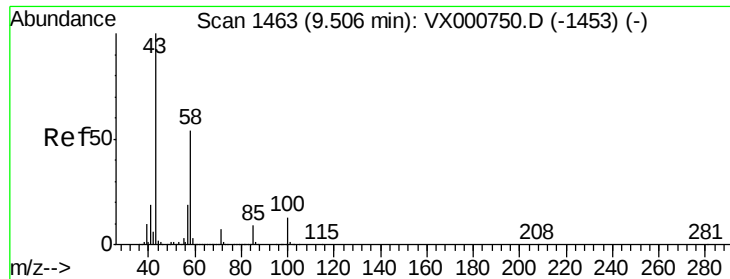
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

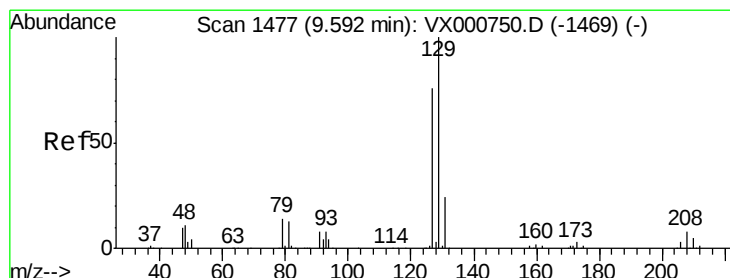
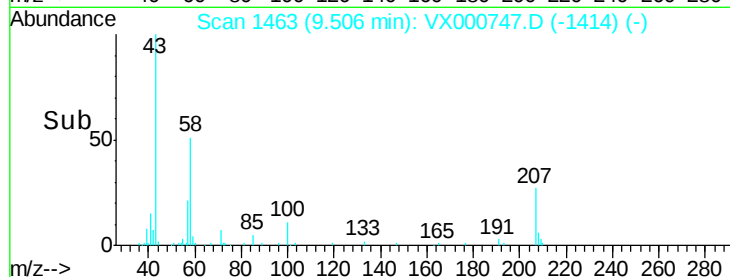
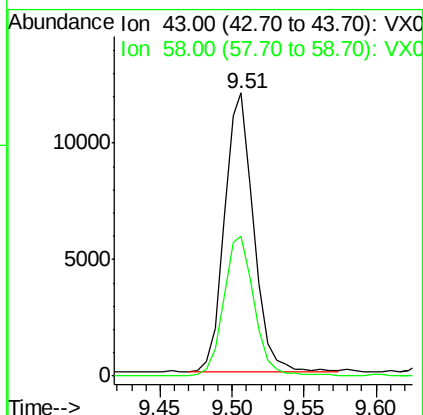
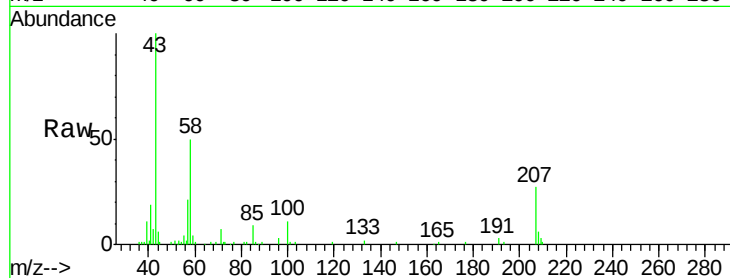




#59
2-Hexanone
Concen: 4.86 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

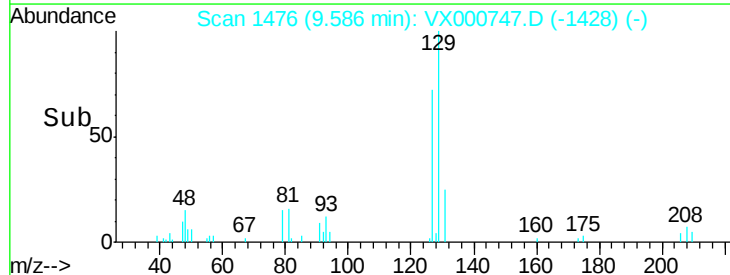
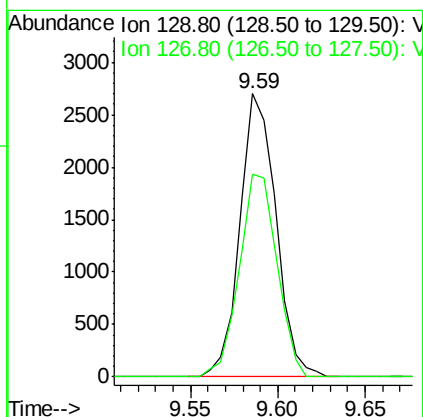
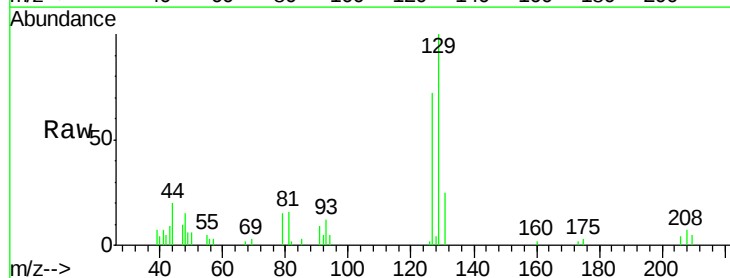
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

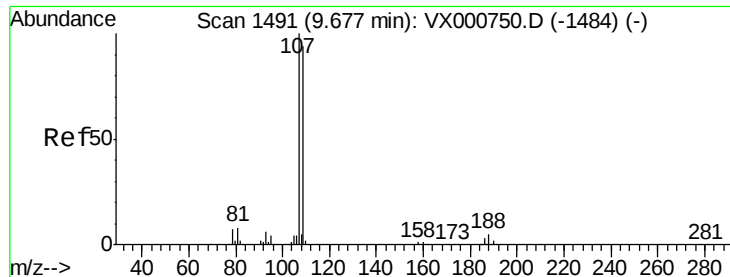
Tgt Ion: 43 Resp: 16894
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5



#60
Dibromochloromethane
Concen: 0.96 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion: 129 Resp: 3873
Ion Ratio Lower Upper
129 100
127 74.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 1.06 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

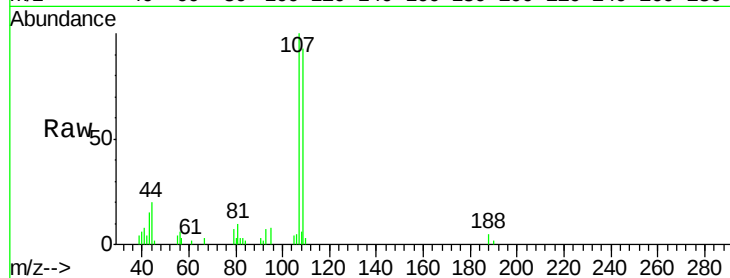
VSTDIC001

Tgt Ion: 107 Resp: 3721

Ion Ratio Lower Upper

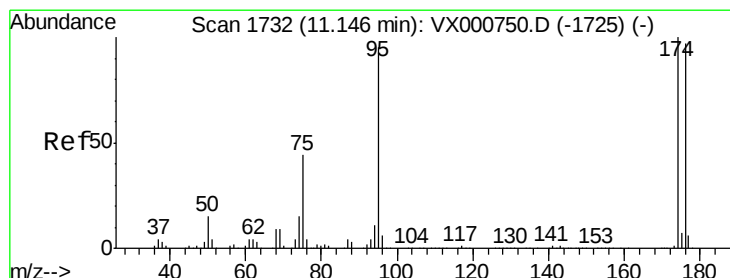
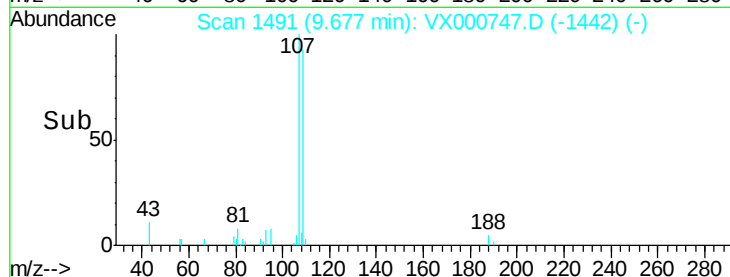
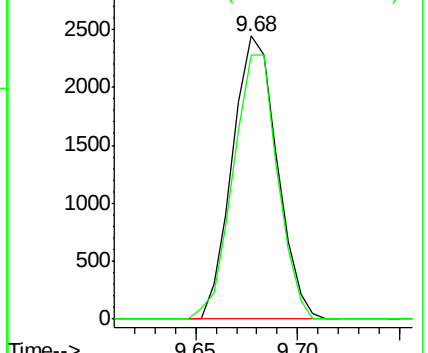
107 100

109 92.6 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

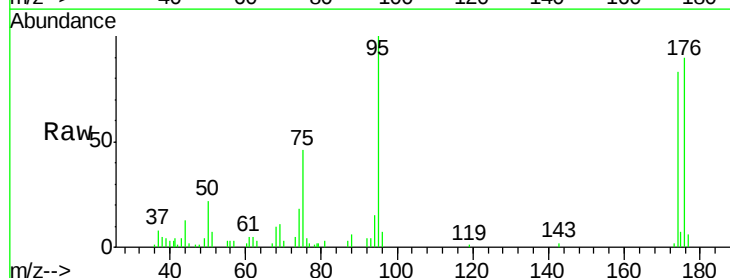
Tgt Ion: 95 Resp: 5907

Ion Ratio Lower Upper

95 100

174 94.2 0.0 198.4

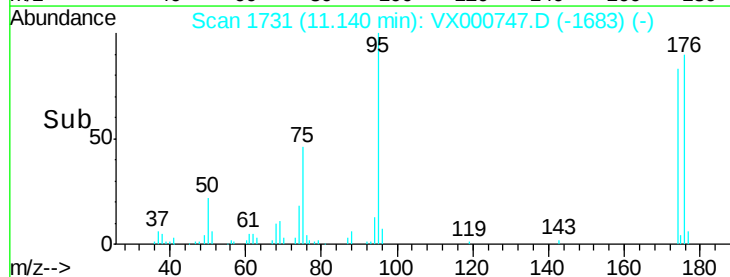
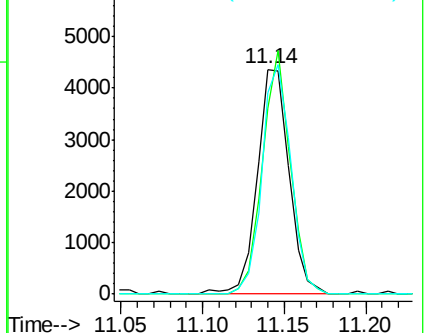
176 93.2 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

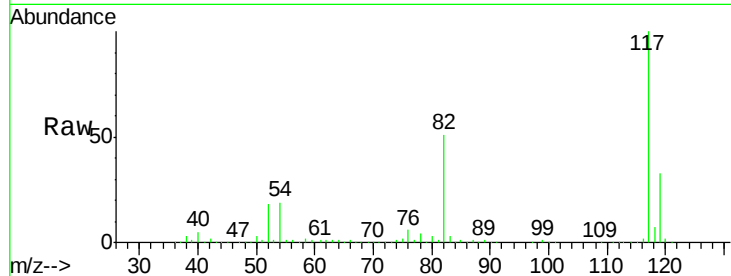




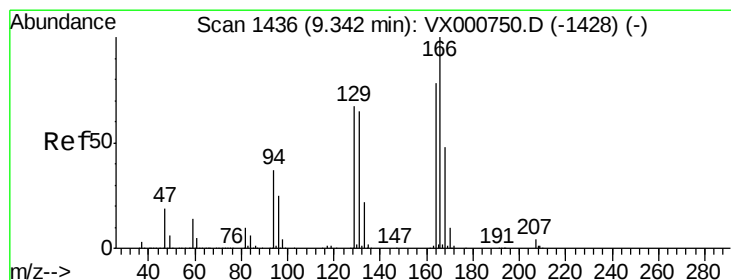
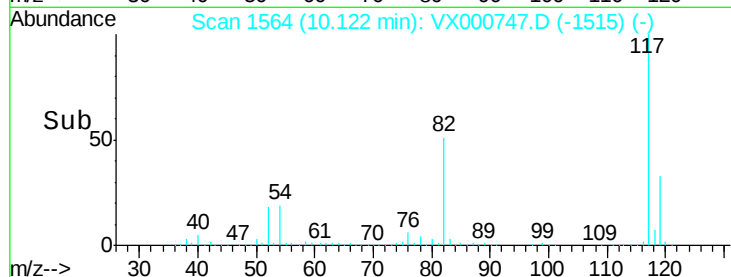
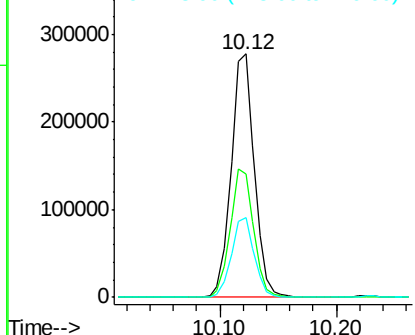
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 384381
Ion Ratio Lower Upper
117 100
82 50.6 41.9 62.9
119 33.0 26.0 39.0



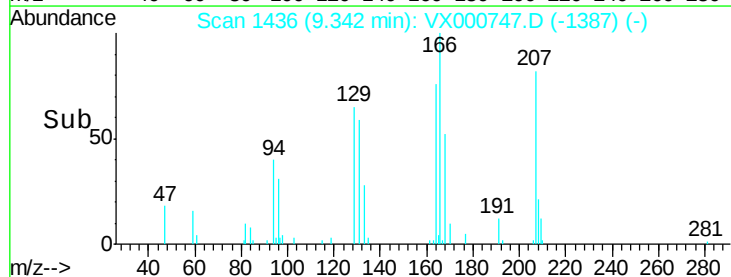
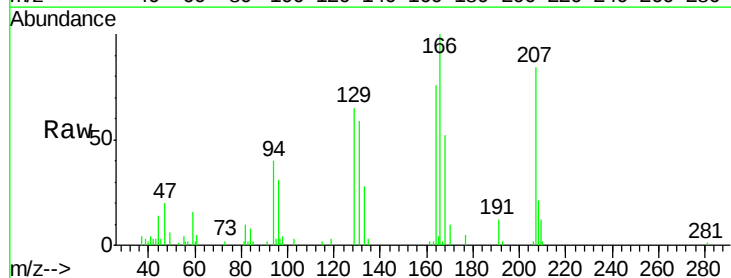
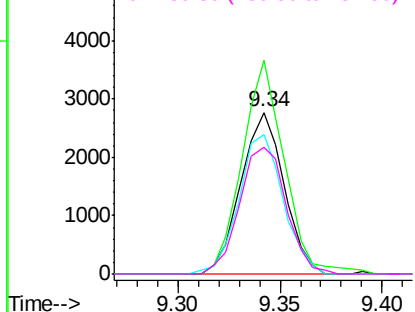
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

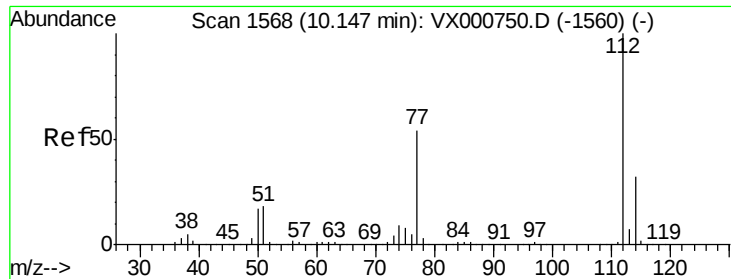


#64
Tetrachloroethene
Concen: 1.10 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion:164 Resp: 4070
Ion Ratio Lower Upper
164 100
166 131.9 102.8 154.2
129 86.3 68.5 102.7
131 78.0 66.6 100.0

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

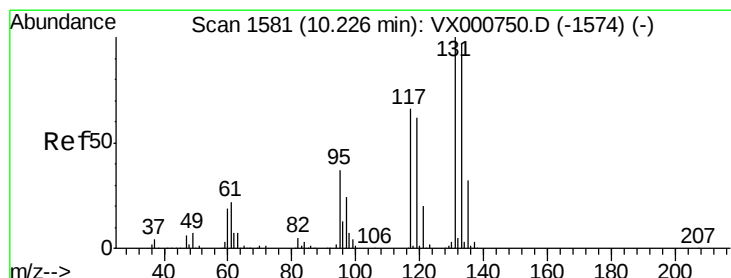
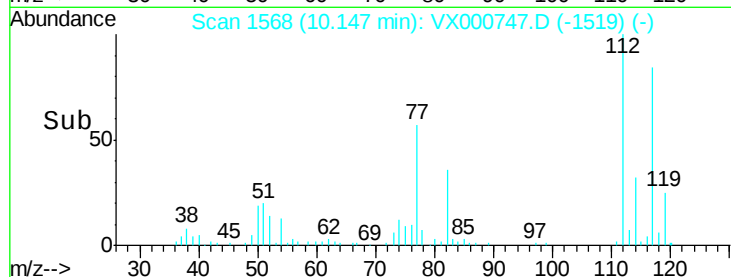
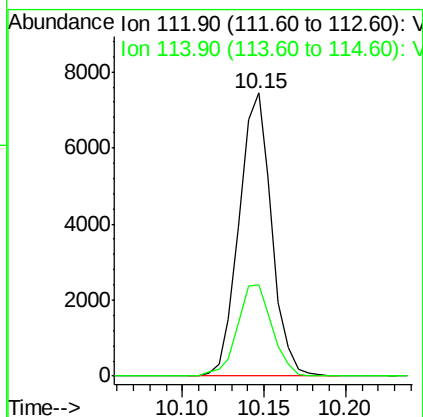
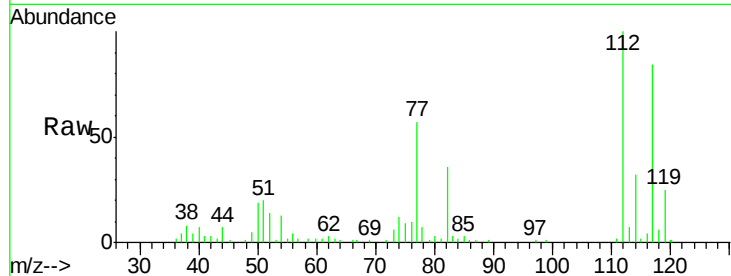




#65
Chlorobenzene
Concen: 1.07 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

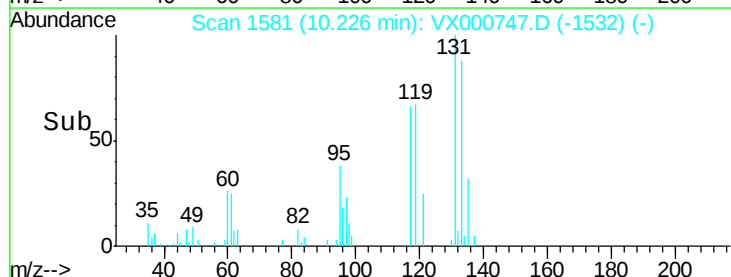
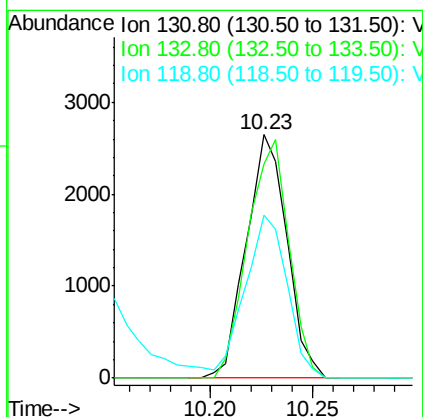
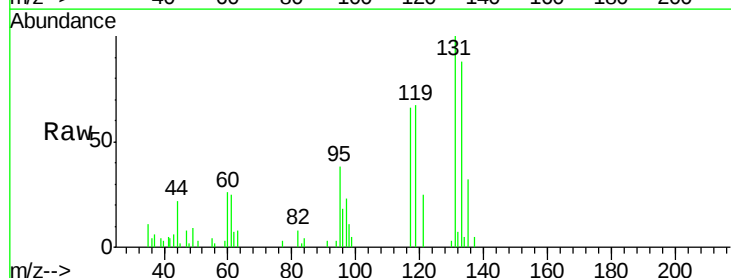
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

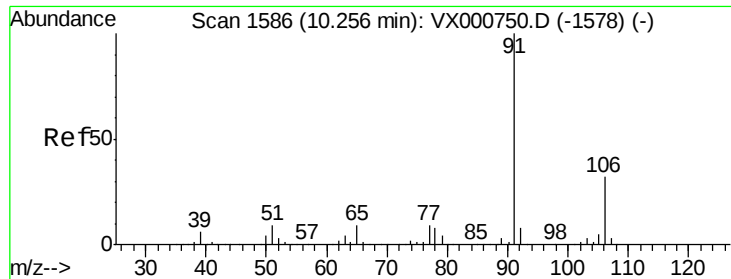
Tgt Ion:112 Resp: 10342
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 1.00 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion:131 Resp: 3666
Ion Ratio Lower Upper
131 100
133 99.8 48.3 144.9
119 0.0 31.4 94.0#





#67

Ethyl Benzene

Concen: 1.08 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

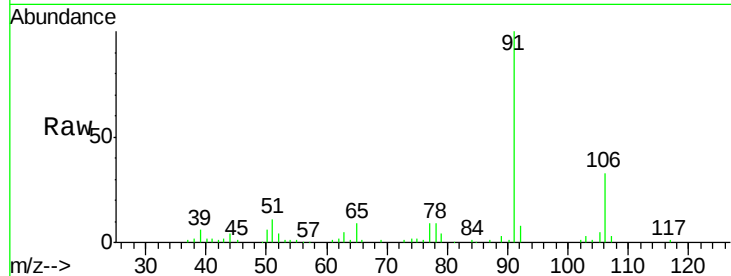
VSTDIC001

Tgt Ion: 91 Resp: 17317

Ion Ratio Lower Upper

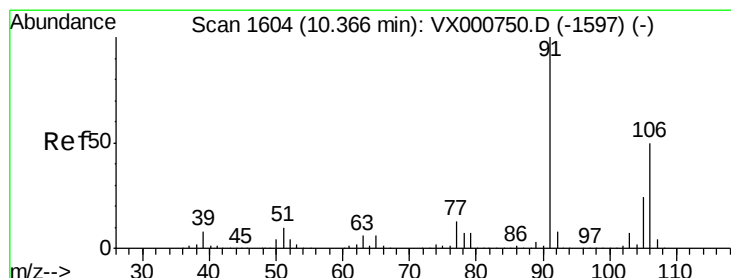
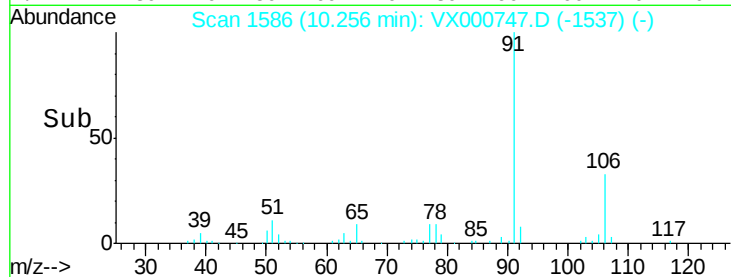
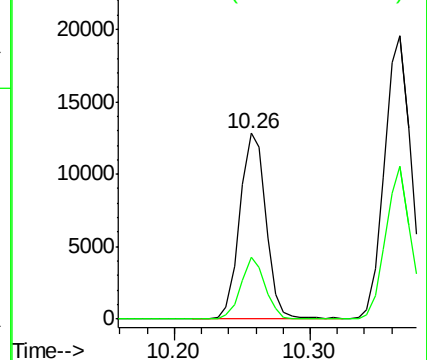
91 100

106 33.0 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 2.13 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000747.D

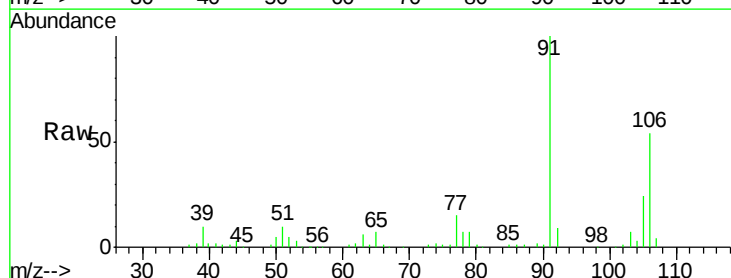
Acq: 10 Apr 2018 12:44

Tgt Ion: 106 Resp: 13524

Ion Ratio Lower Upper

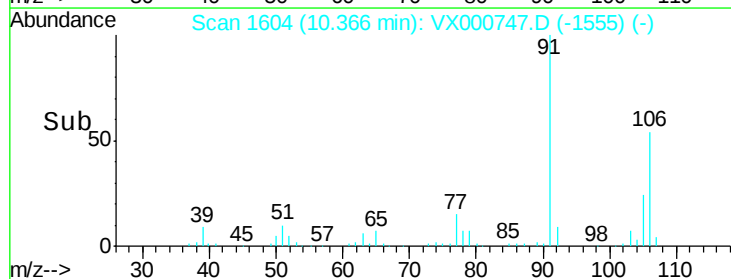
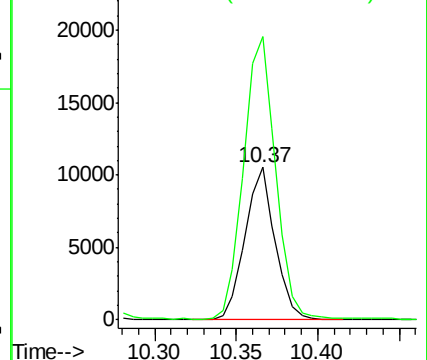
106 100

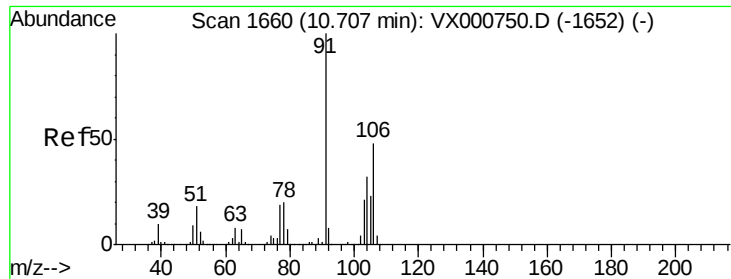
91 197.9 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

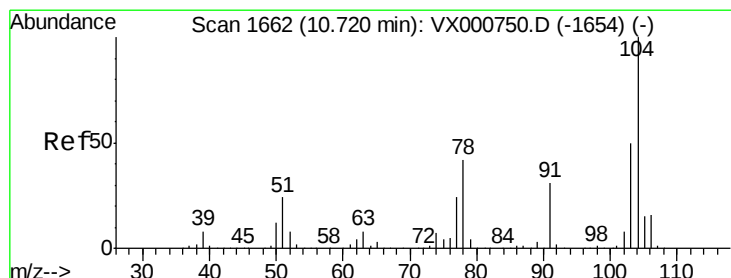
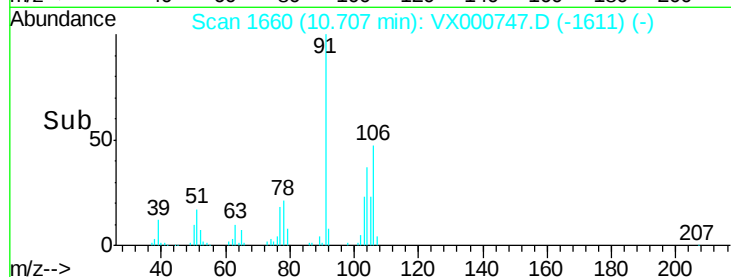
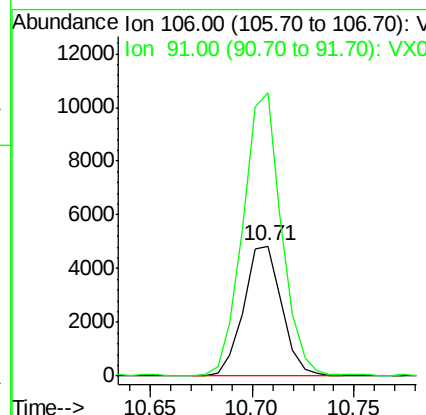
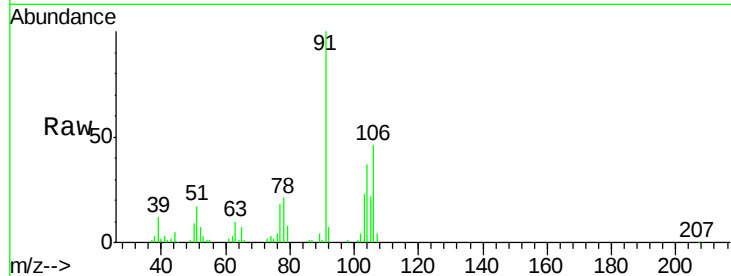




#69
o-Xylene
Concen: 1.02 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

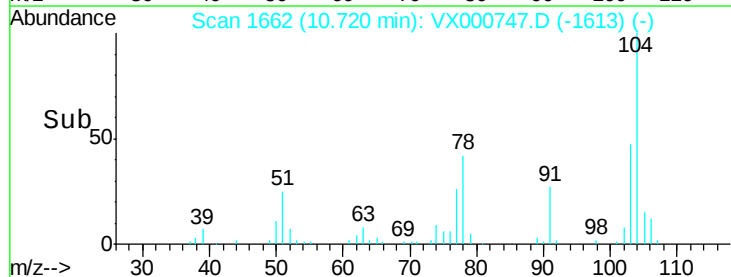
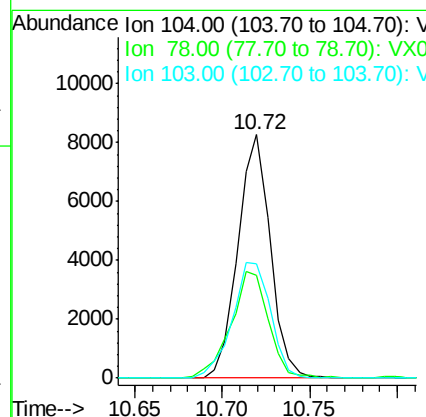
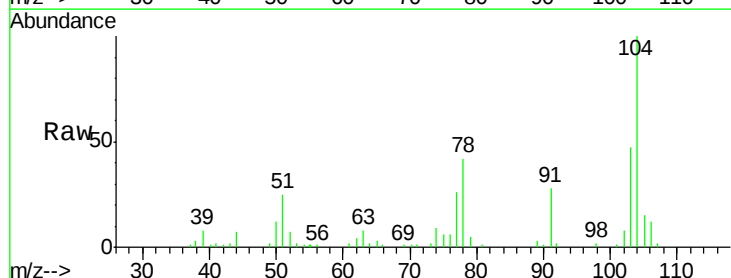
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

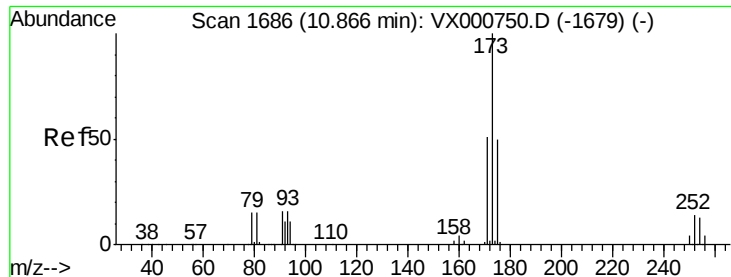
Tgt Ion:106 Resp: 6273
Ion Ratio Lower Upper
106 100
91 221.1 105.0 315.0



#70
Styrene
Concen: 1.02 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion:104 Resp: 10630
Ion Ratio Lower Upper
104 100
78 51.3 39.0 58.6
103 56.0 44.1 66.1





#71

Bromoform

Concen: 0.84 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

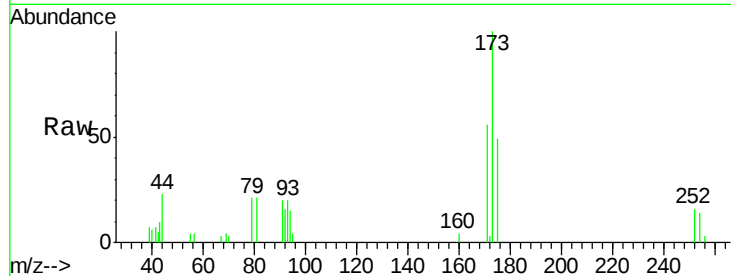
Tgt Ion:173 Resp: 2951

Ion Ratio Lower Upper

173 100

175 45.8 24.5 73.5

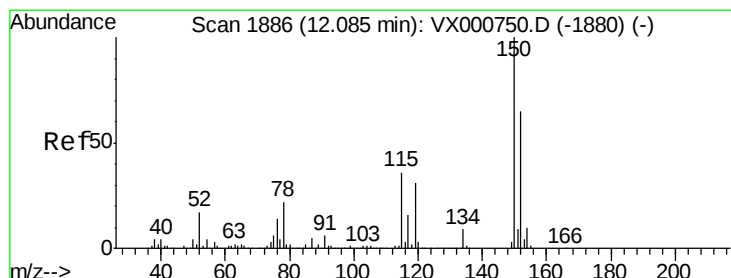
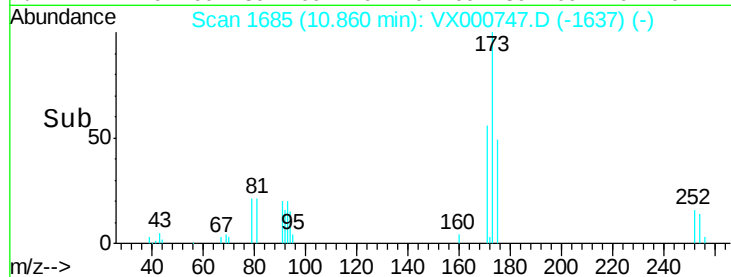
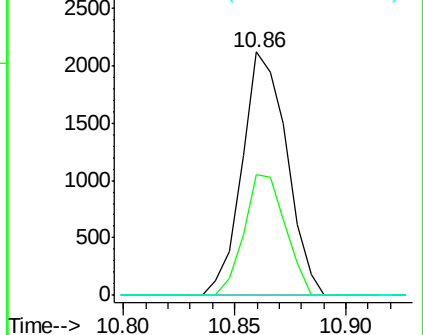
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

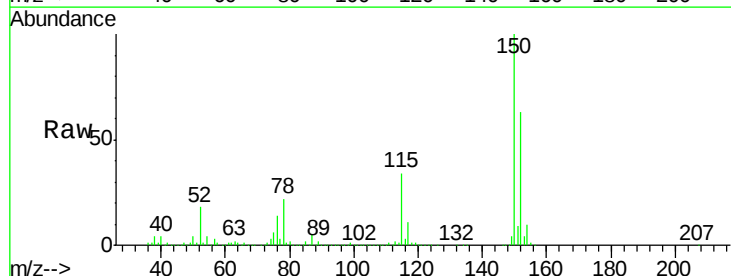
Tgt Ion:152 Resp: 259289

Ion Ratio Lower Upper

152 100

115 53.8 37.9 113.7

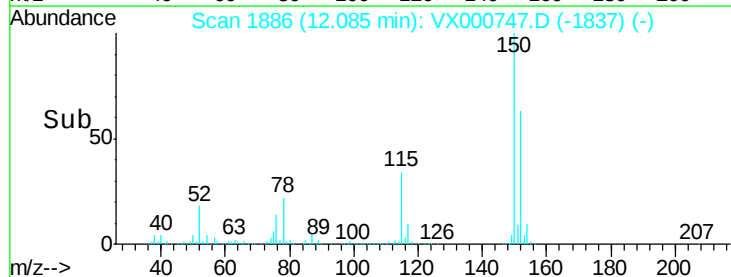
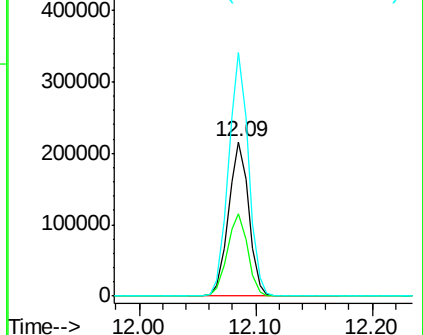
150 156.0 0.0 348.0

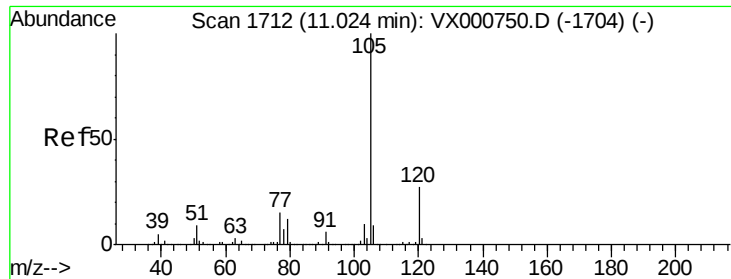


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.06 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

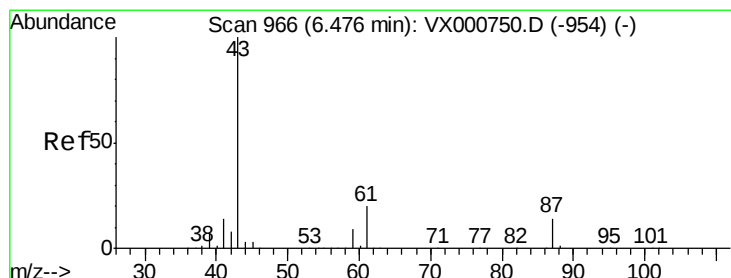
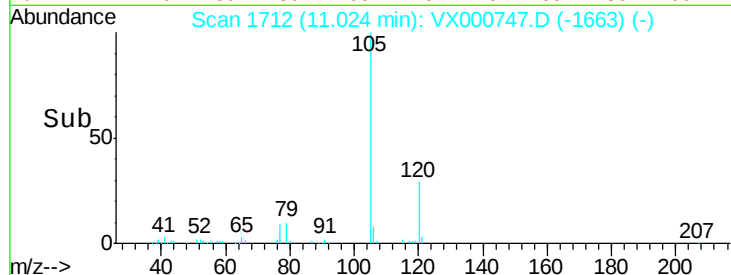
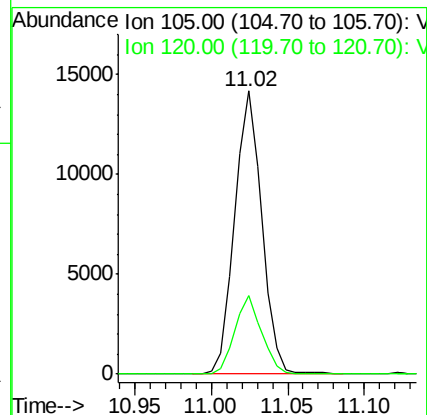
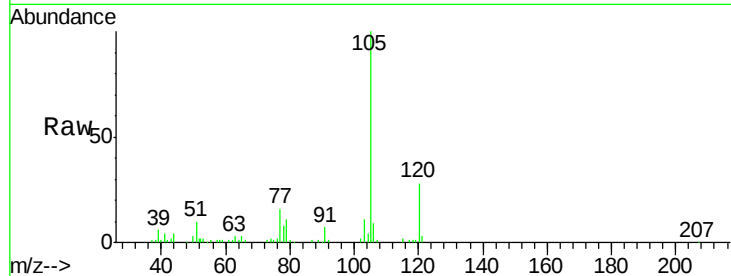
VSTDIC001

Tgt Ion: 105 Resp: 17444

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.0



#74

N-ethyl acetate

Concen: 1.09 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Tgt Ion: 43 Resp: 8125

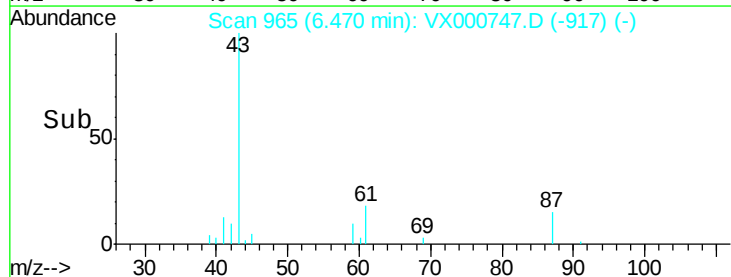
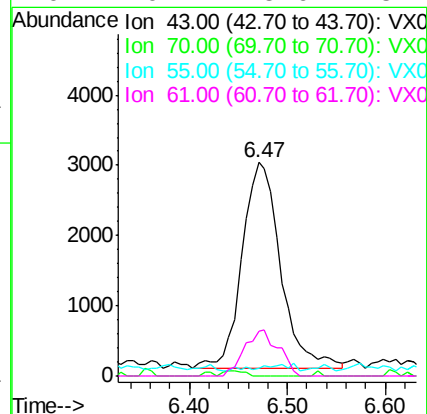
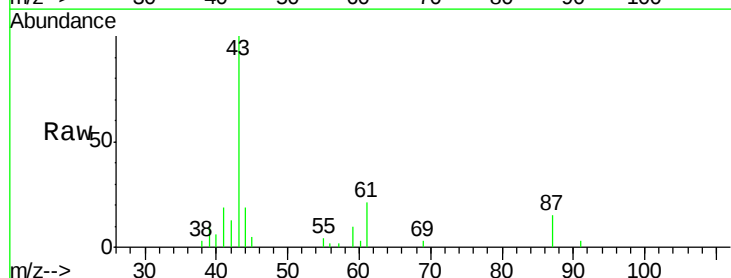
Ion Ratio Lower Upper

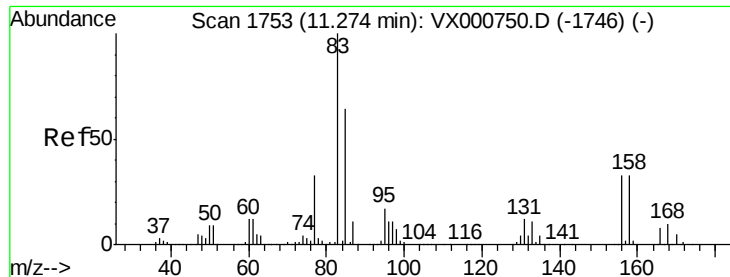
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.4 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 1.06 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

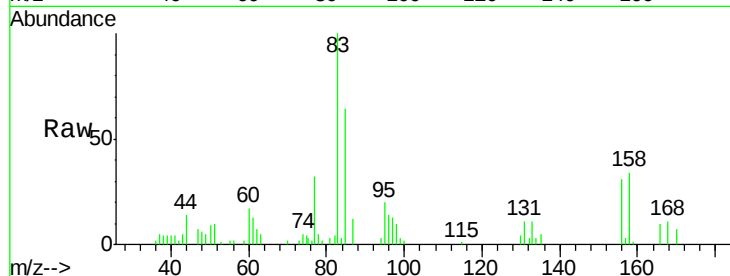
Tgt Ion: 83 Resp: 5071

Ion Ratio Lower Upper

83 100

131 12.2 6.0 18.0

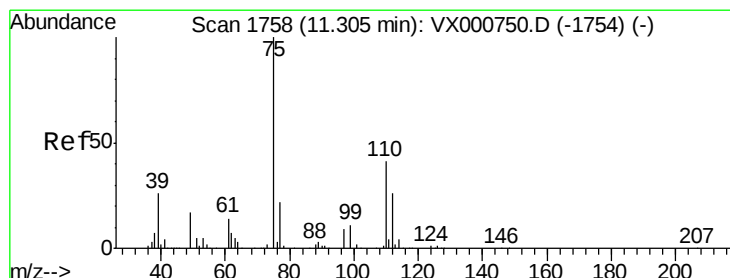
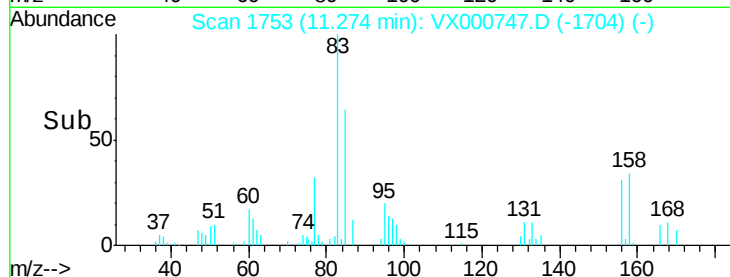
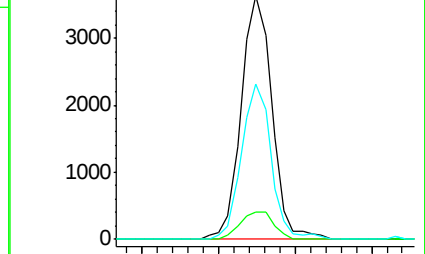
85 61.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX000747.D (-1704) (-)

Ion 130.80 (130.50 to 131.50): VX000747.D (-1704) (-)

Ion 84.90 (84.60 to 85.60): VX000747.D (-1704) (-)



#76

1,2,3-Trichloropropane

Concen: 1.29 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000747.D

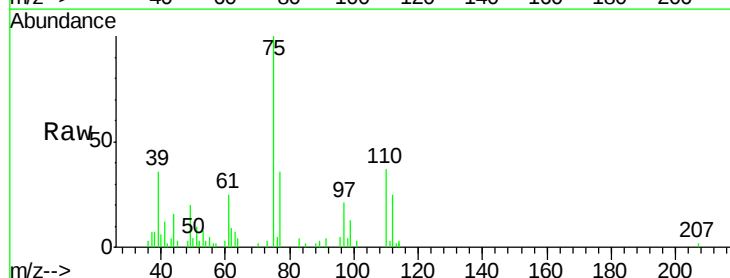
Acq: 10 Apr 2018 12:44

Tgt Ion: 75 Resp: 5846

Ion Ratio Lower Upper

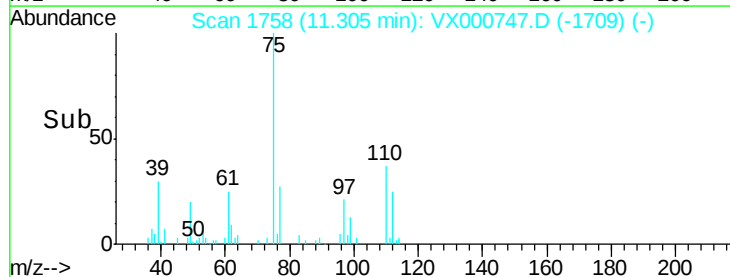
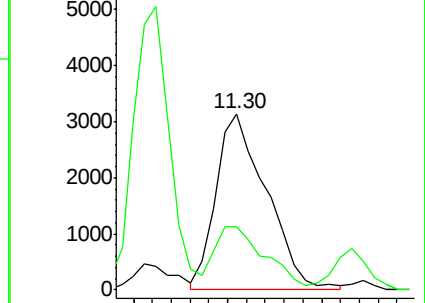
75 100

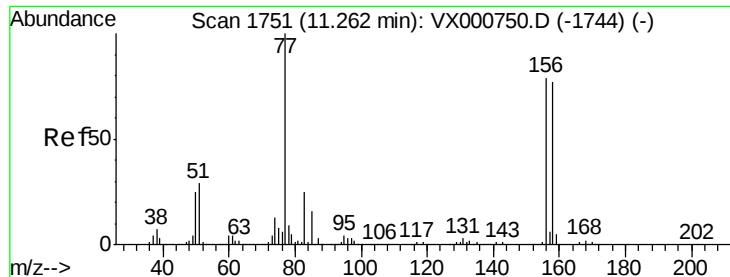
77 36.1 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX000747.D (-1709) (-)

Ion 77.00 (76.70 to 77.70): VX000747.D (-1709) (-)





#77

Bromobenzene

Concen: 1.12 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

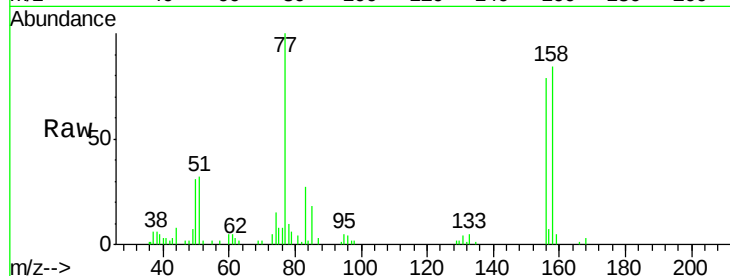
Tgt Ion:156 Resp: 5334

Ion Ratio Lower Upper

156 100

77 127.3 66.0 198.2

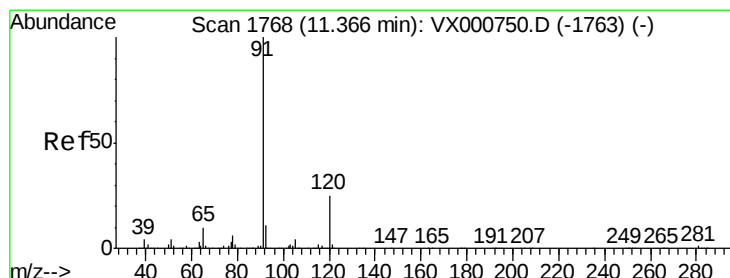
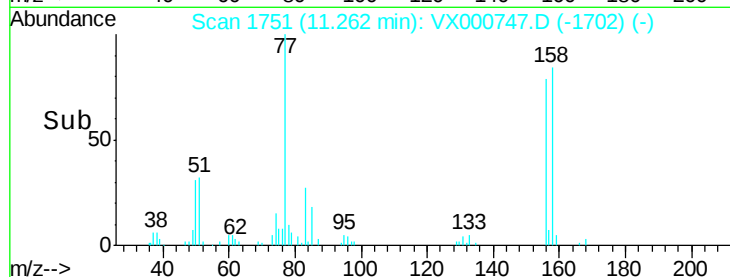
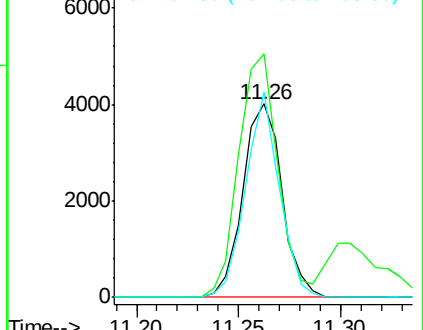
158 91.8 48.8 146.4



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: 1.11 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000747.D

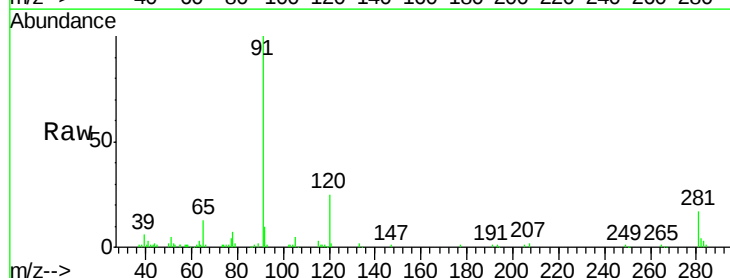
Acq: 10 Apr 2018 12:44

Tgt Ion: 91 Resp: 20737

Ion Ratio Lower Upper

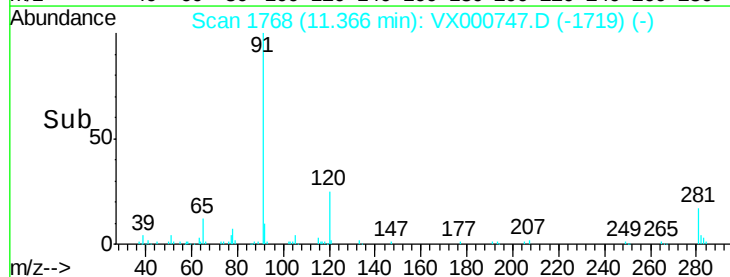
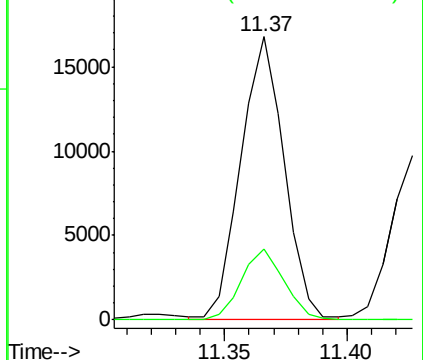
91 100

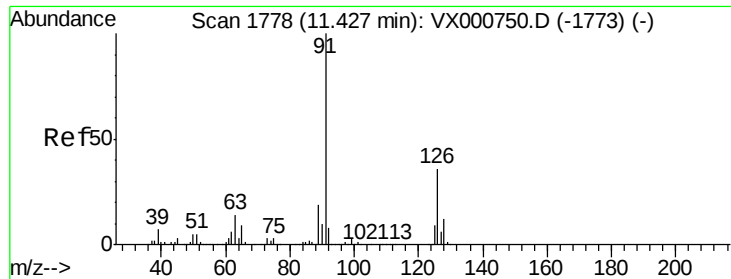
120 24.8 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.12 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

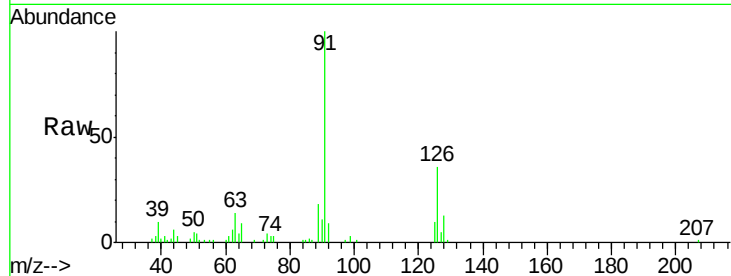
VSTDIC001

Tgt Ion: 91 Resp: 12449

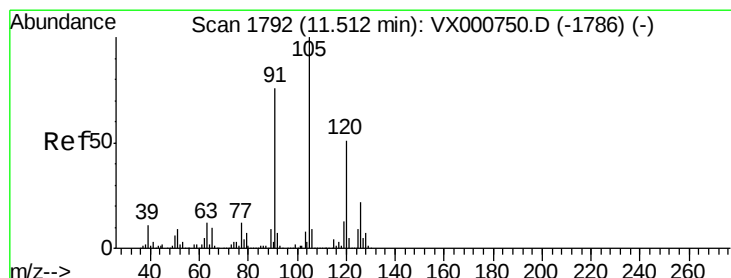
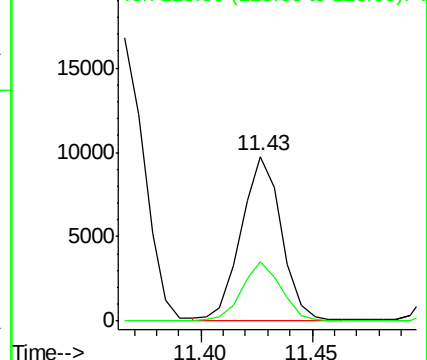
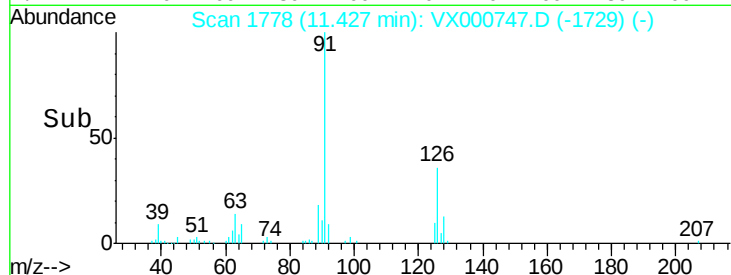
Ion Ratio Lower Upper

91 100

126 34.4 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000747.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.08 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000747.D

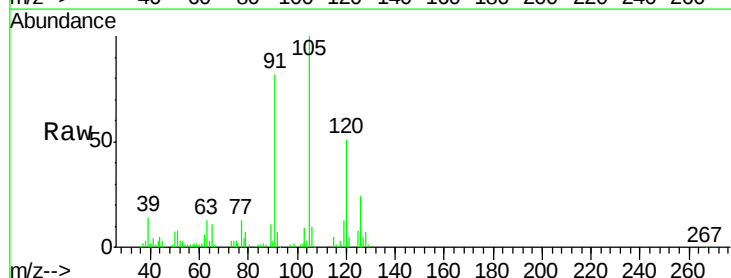
Acq: 10 Apr 2018 12:44

Tgt Ion: 105 Resp: 15286

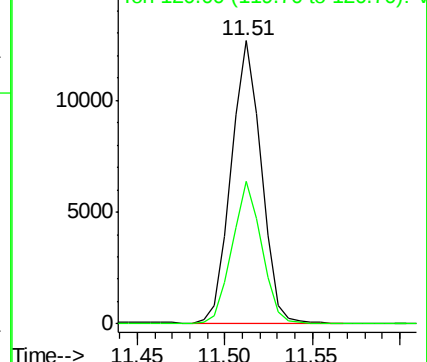
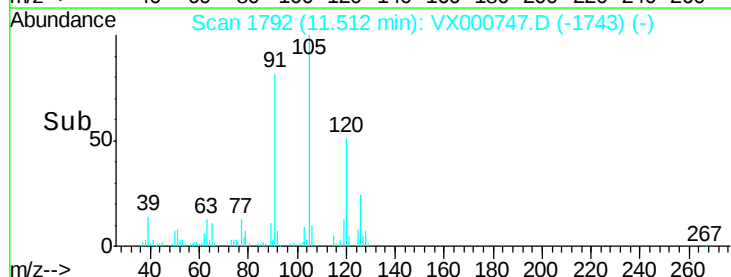
Ion Ratio Lower Upper

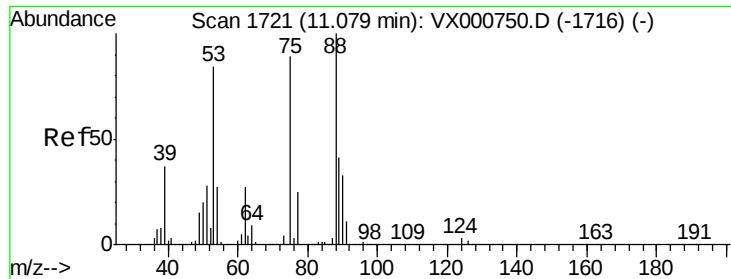
105 100

120 49.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000747.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.96 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

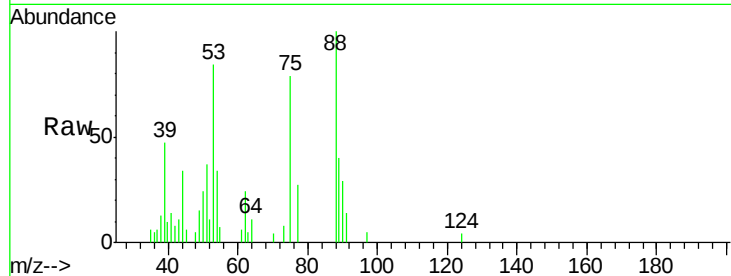
Tgt Ion: 75 Resp: 1584

Ion Ratio Lower Upper

75 100

53 112.2 75.4 113.0

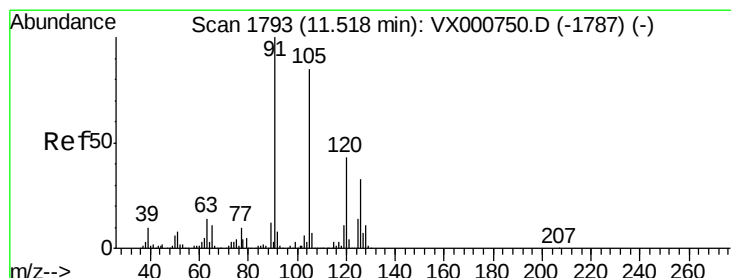
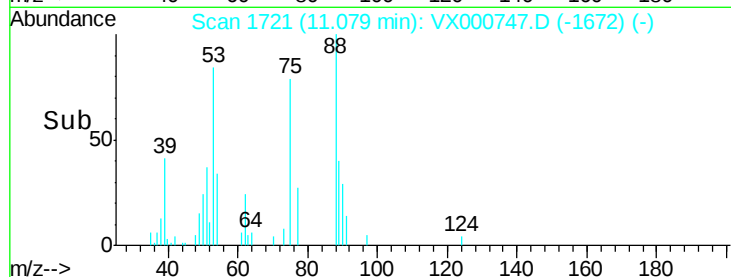
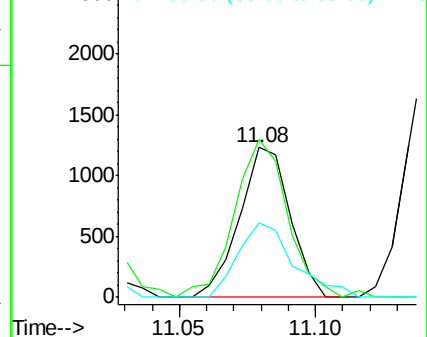
89 55.4 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.12 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000747.D

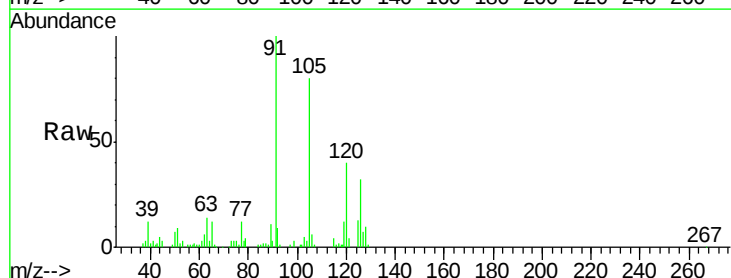
Acq: 10 Apr 2018 12:44

Tgt Ion: 91 Resp: 14823

Ion Ratio Lower Upper

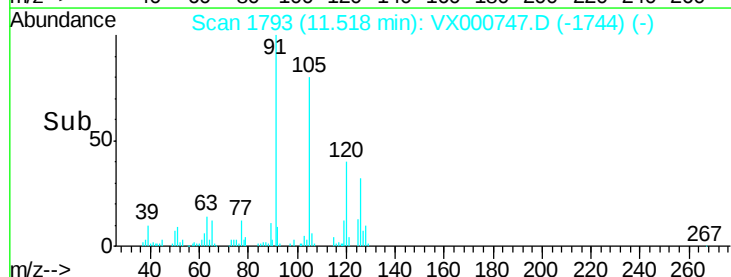
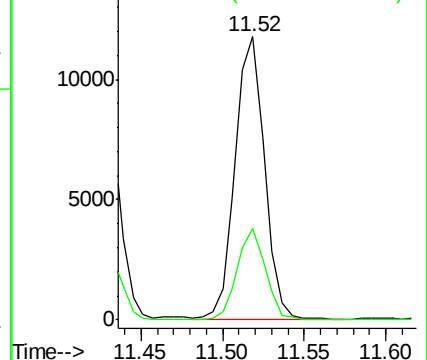
91 100

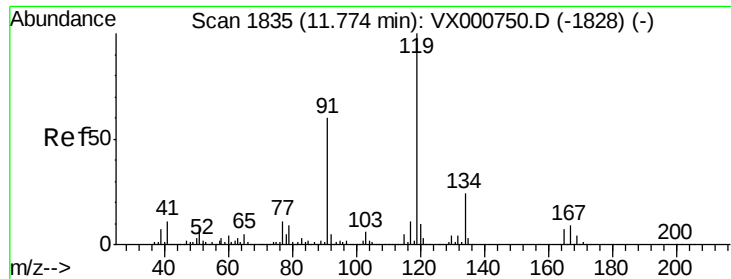
126 30.9 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

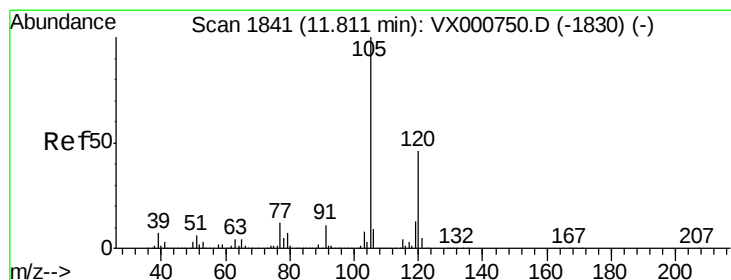
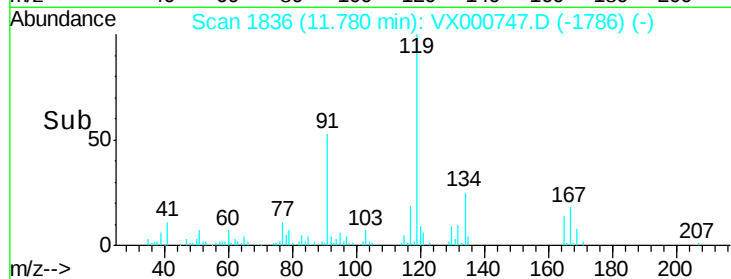
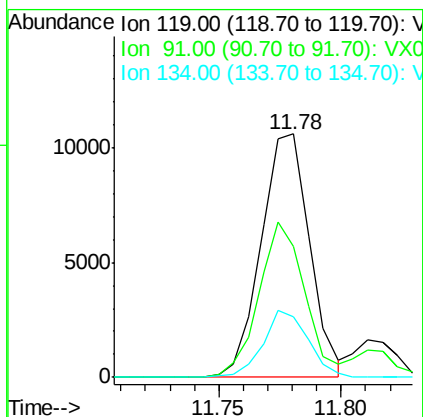
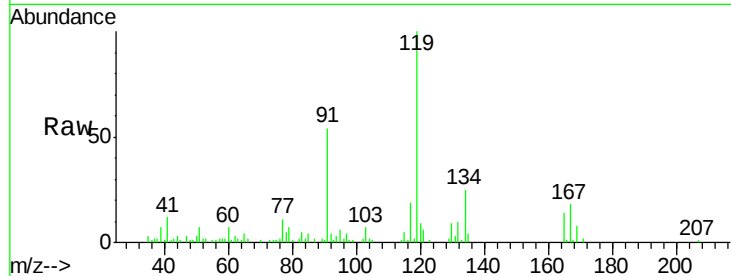




#83
 tert-Butylbenzene
 Concen: 1.00 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.01 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

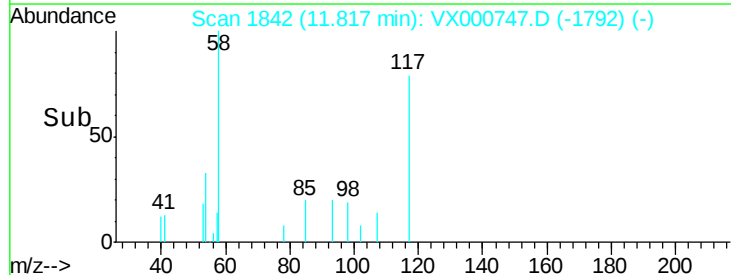
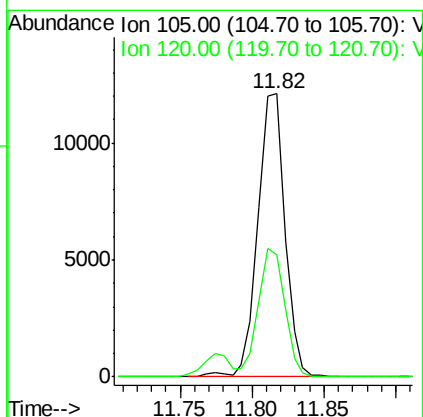
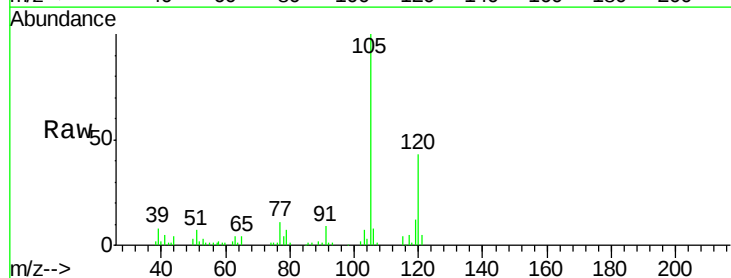
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

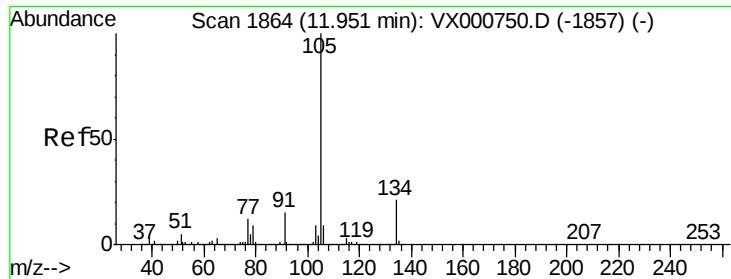
Tgt Ion:119 Resp: 14636
 Ion Ratio Lower Upper
 119 100
 91 60.2 26.8 80.3
 134 25.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.08 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Tgt Ion:105 Resp: 15744
 Ion Ratio Lower Upper
 105 100
 120 43.7 23.1 69.3

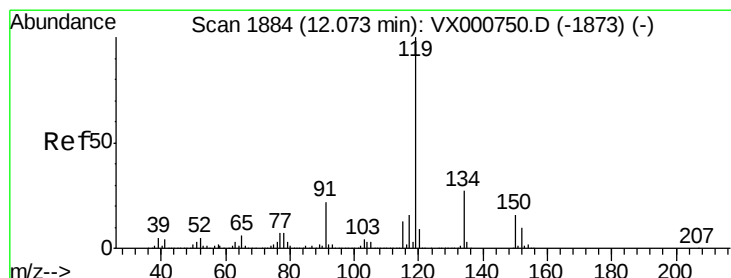
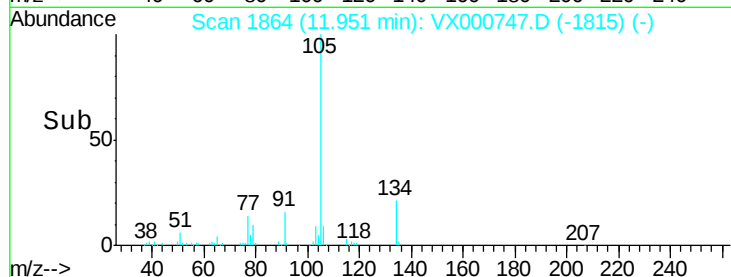
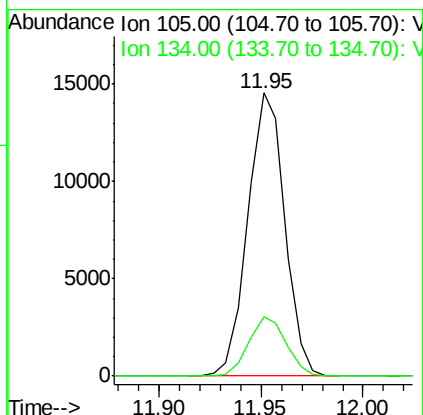
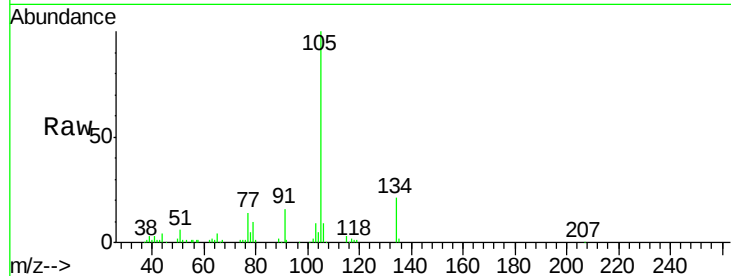




#85
 sec-Butylbenzene
 Concen: 1.07 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

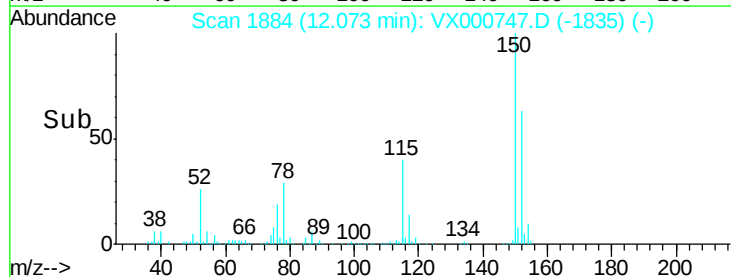
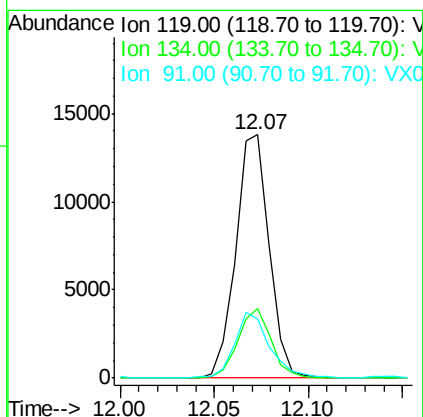
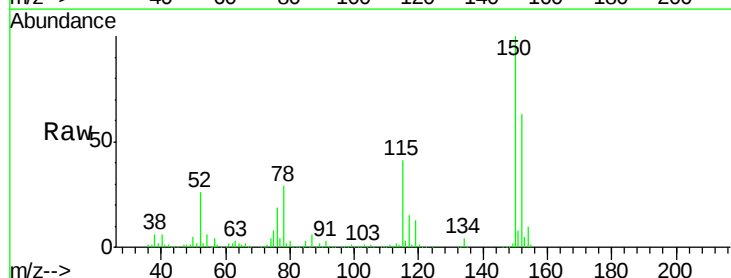
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

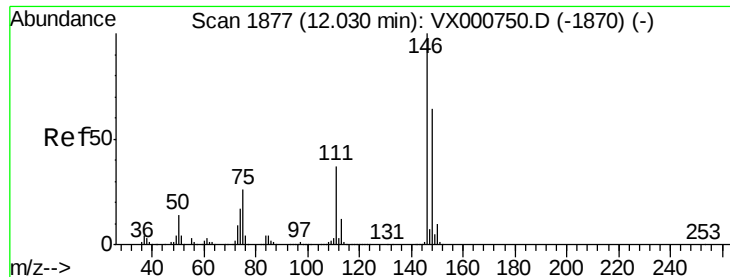
Tgt Ion:105 Resp: 18321
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 1.06 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Tgt Ion:119 Resp: 16938
 Ion Ratio Lower Upper
 119 100
 134 28.7 13.6 40.7
 91 28.8 11.2 33.5

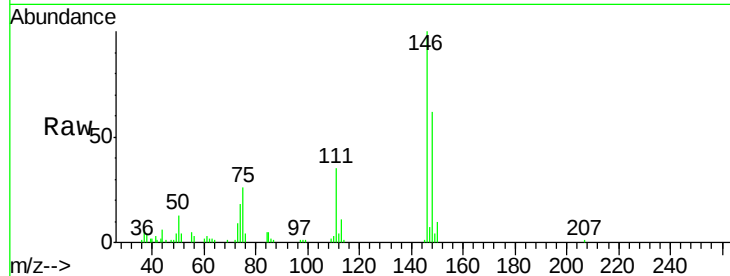




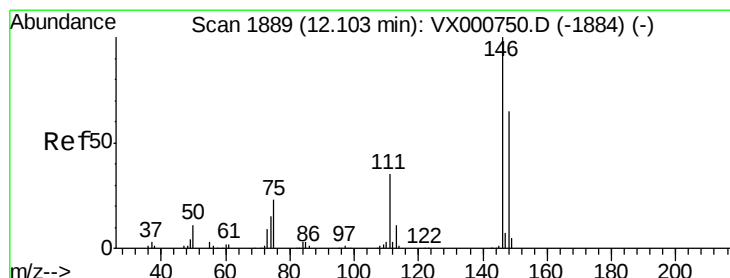
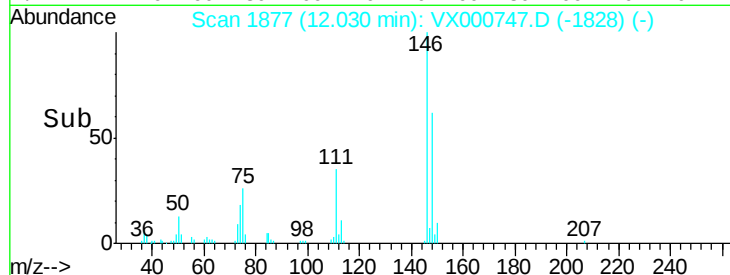
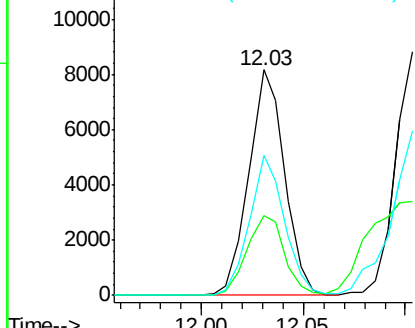
#87
 1,3-Dichlorobenzene
 Concen: 1.13 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:146 Resp: 9952
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.3 54.8
 148 61.0 32.2 96.6

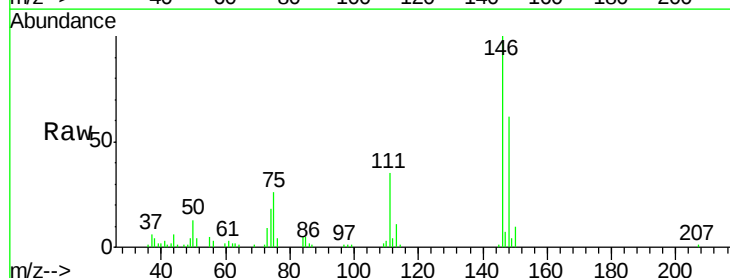


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

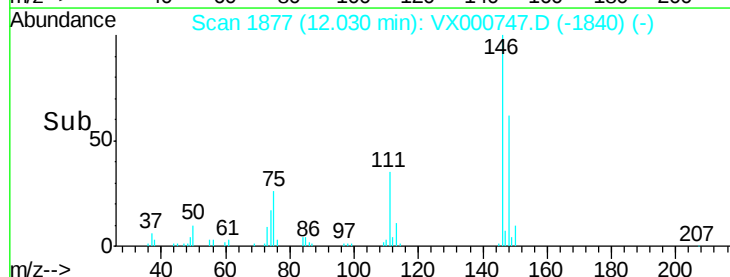
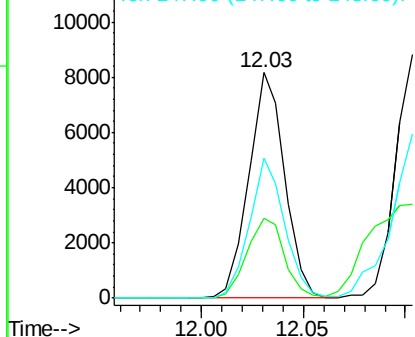


#88
 1,4-Dichlorobenzene
 Concen: 1.11 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Tgt Ion:146 Resp: 9952
 Ion Ratio Lower Upper
 146 100
 111 37.1 17.9 53.8
 148 61.0 32.6 97.7



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





#89

n-Butylbenzene

Concen: 1.09 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

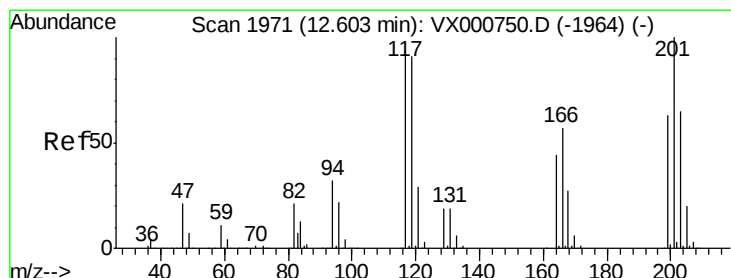
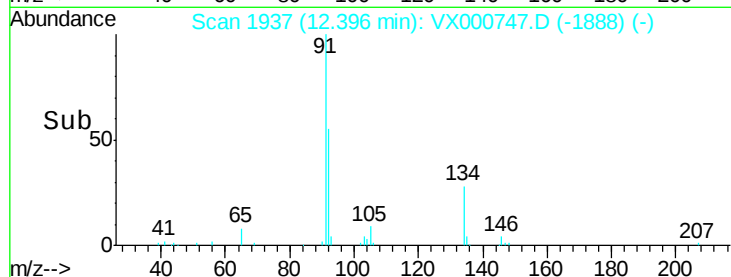
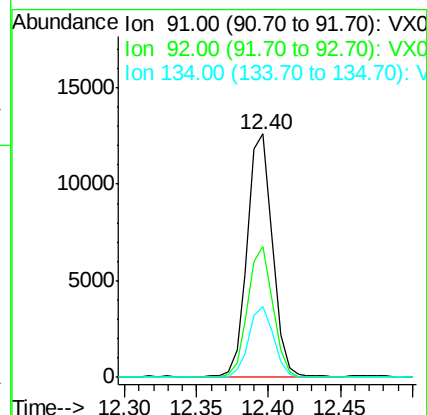
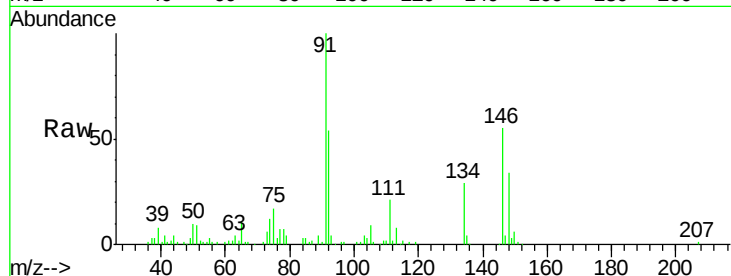
Tgt Ion: 91 Resp: 15365

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 28.4 14.5 43.5



#90

Hexachloroethane

Concen: 0.95 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000747.D

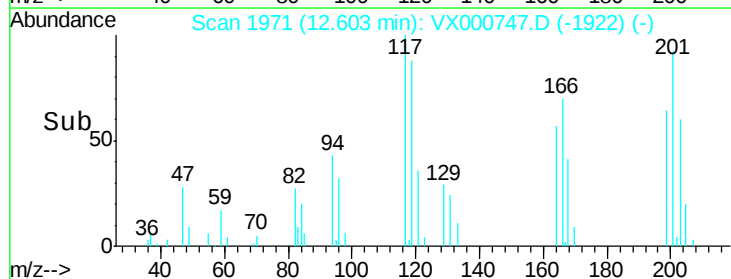
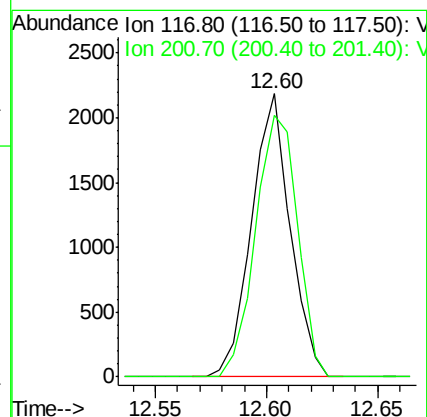
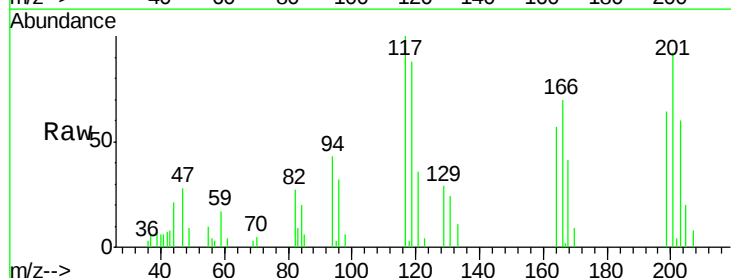
Acq: 10 Apr 2018 12:44

Tgt Ion: 117 Resp: 2646

Ion Ratio Lower Upper

117 100

201 99.9 52.9 158.7





#91

1,2-Dichlorobenzene

Concen: 1.06 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

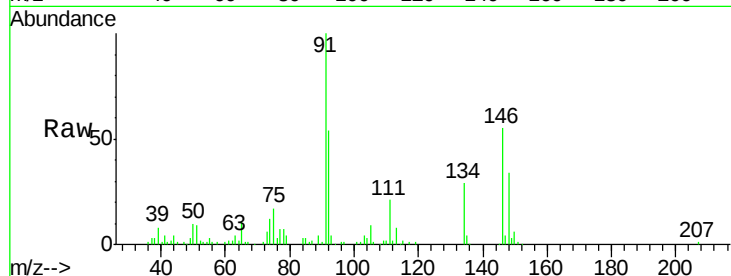
Tgt Ion: 146 Resp: 9110

Ion Ratio Lower Upper

146 100

111 36.9 18.9 56.7

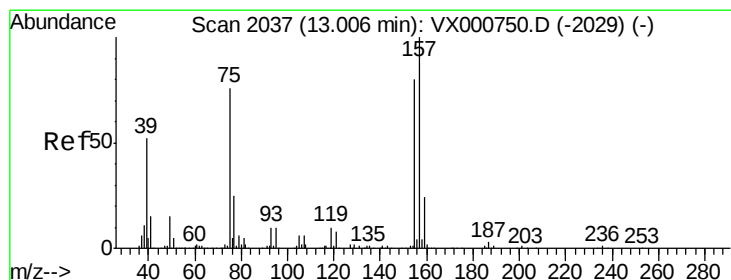
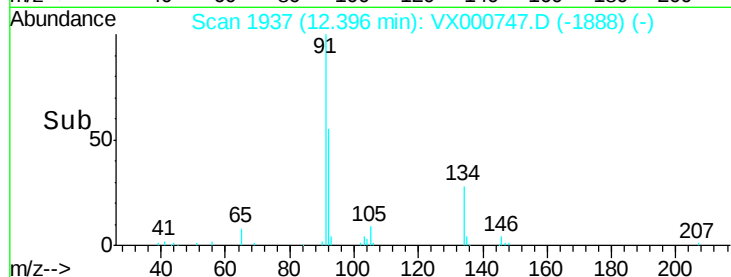
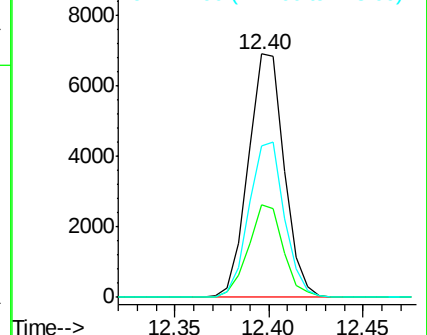
148 62.8 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.06 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. 0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

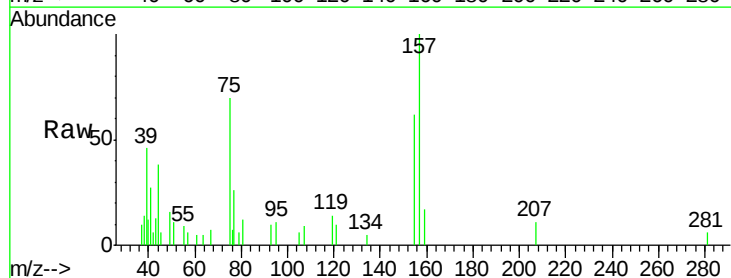
Tgt Ion: 75 Resp: 1260

Ion Ratio Lower Upper

75 100

155 85.1 51.9 155.8

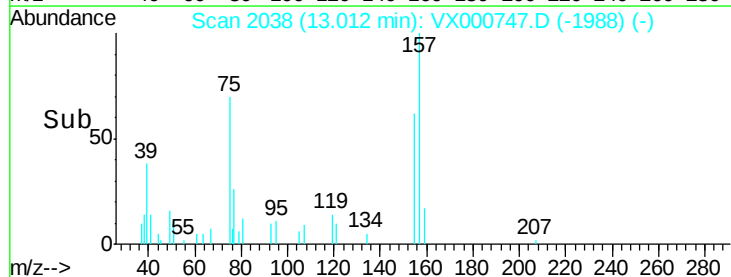
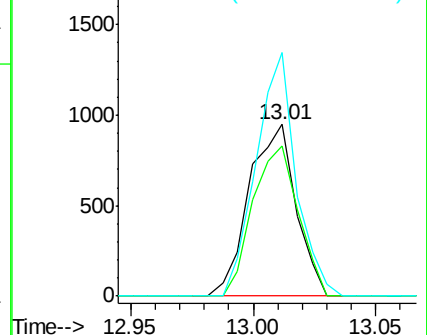
157 121.1 66.6 199.8

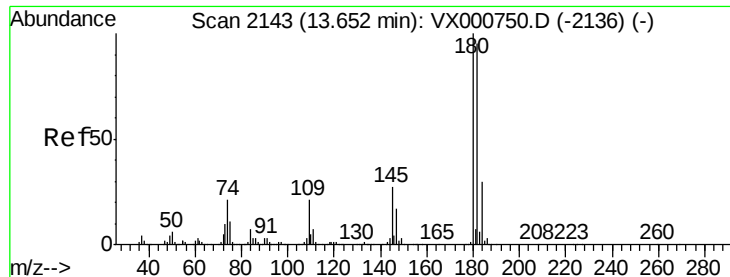


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

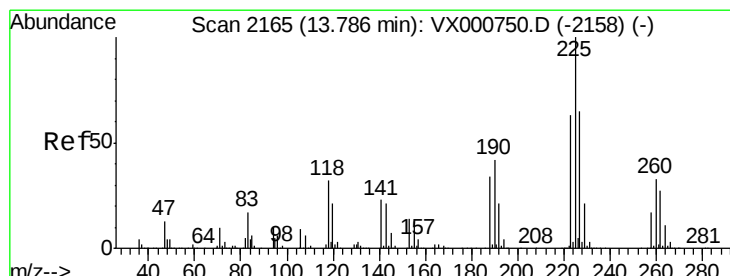
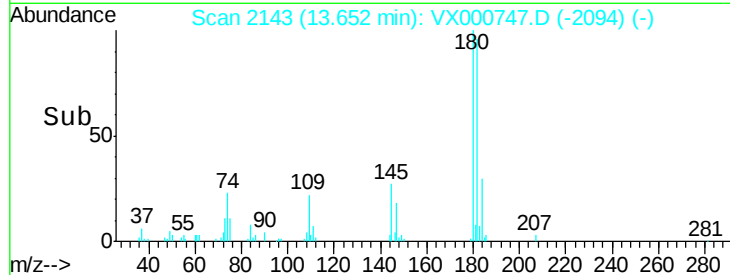
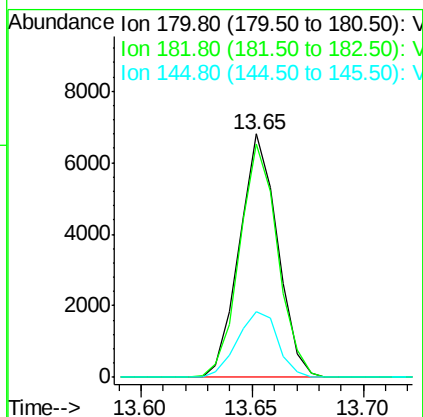
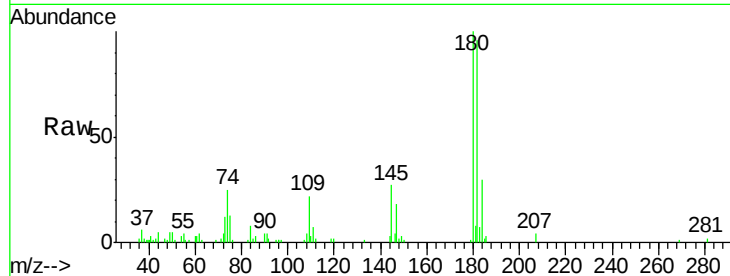




#93
 1,2,4-Trichlorobenzene
 Concen: 1.11 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

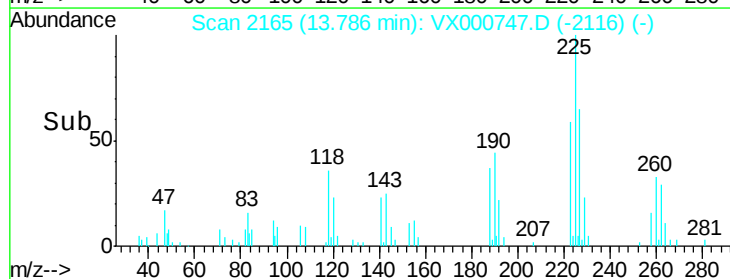
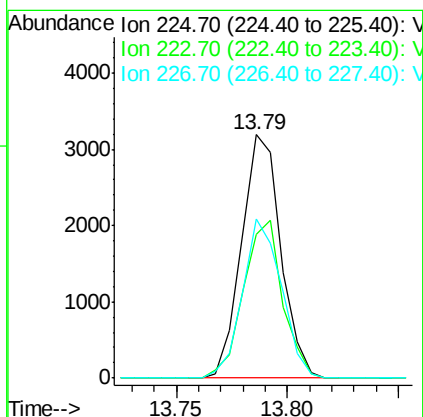
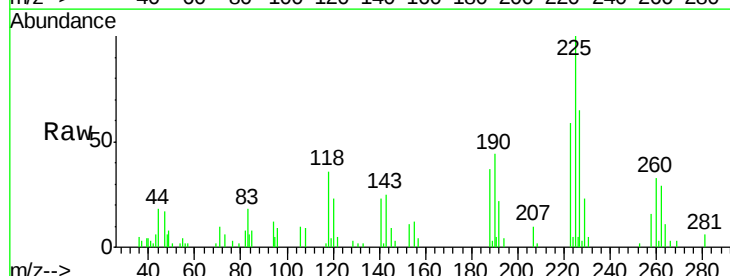
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

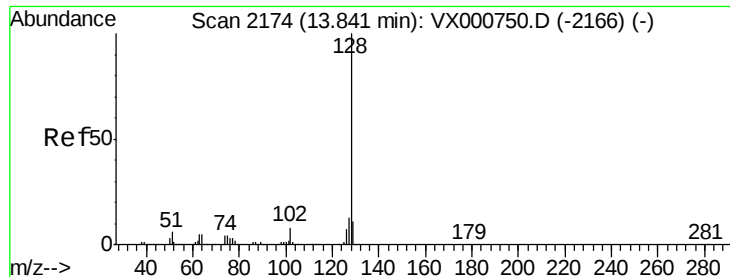
Tgt Ion:180 Resp: 8118
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.5 142.5
 145 29.0 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 1.10 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Tgt Ion:225 Resp: 3929
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.2 93.6
 227 64.9 32.3 96.9





#95

Naphthalene

Concen: 1.02 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

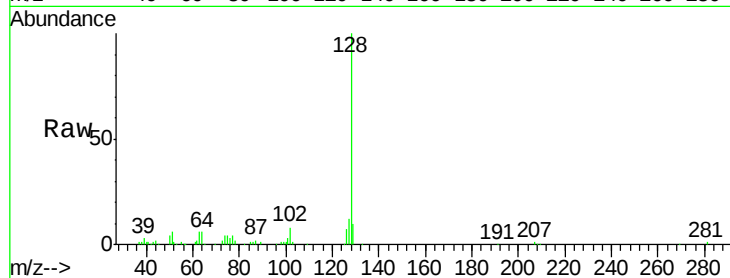
Tgt Ion:128 Resp: 19592

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

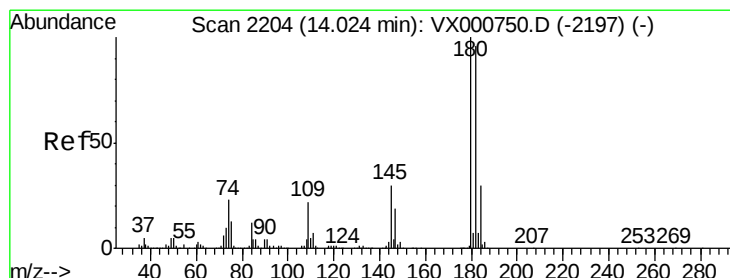
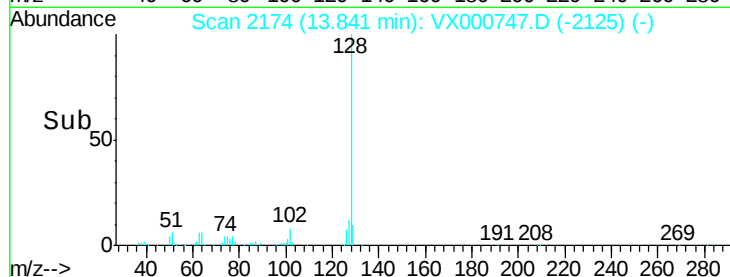
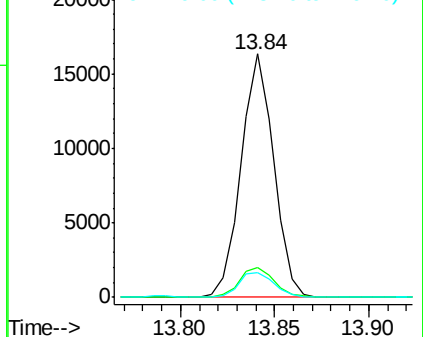
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.07 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

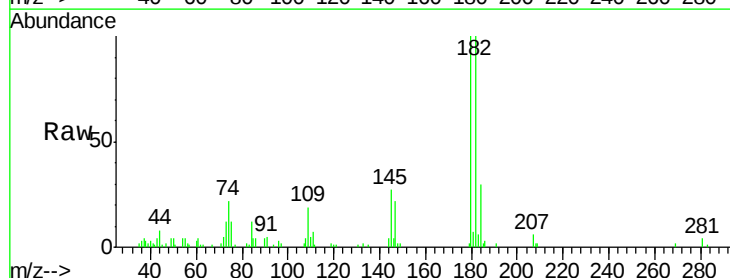
Tgt Ion:180 Resp: 7593

Ion Ratio Lower Upper

180 100

182 100.5 48.4 145.2

145 29.7 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

