

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022018\
 Data File : VX000105.D
 Acq On : 20 Feb 2018 13:27
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Quant Time: Feb 21 05:39:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 05:38:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	10966	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	66365	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	63277	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	26749	31.79	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.97%
60) 4-Bromofluorobenzene	11.15	95	30109	29.24	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.47%
63) Toluene-d8	8.73	98	83488	30.75	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.50%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	4992	7.51	ug/l	100
3) Chloromethane	1.32	50	5546	8.04	ug/l	98
4) Vinyl Chloride	1.40	62	6224	7.68	ug/l	97
5) Bromomethane	1.65	94	5845	8.00	ug/l	96
6) Chloroethane	1.73	64	4053	7.95	ug/l	97
7) Trichlorofluoromethane	1.94	101	9992	7.22	ug/l	98
8) Diethyl Ether	2.20	74	3695	7.30	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5545	7.24	ug/l	92
10) 1,1-Dichloroethene	2.38	96	5314	7.23	ug/l	99
11) Methyl Iodide	2.52	142	3171	5.37	ug/l	93
12) Methyl Acetate	2.78	43	10657	8.14	ug/l	99
13) Acrolein	2.30	56	10423	69.72	ug/l	94
14) Acrylonitrile	3.15	53	21501	37.80	ug/l	99
15) Acetone	2.45	58	8224	42.41	ug/l	85
16) Carbon Disulfide	2.57	76	15702	7.60	ug/l	96
17) Allyl chloride	2.73	41	9598	7.77	ug/l	96
18) Methylene Chloride	2.87	84	6149	7.85	ug/l	92
19) trans-1,2-Dichloroethene	3.17	96	6050	7.67	ug/l	88
20) Diisopropyl ether	3.89	45	15794	8.38	ug/l	95
21) 1,1-Dichloroethane	3.71	63	10437	7.78	ug/l	99
22) cis-1,2-Dichloroethene	4.61	96	5441	7.42	ug/l	99
23) tert-Butyl Alcohol	3.07	59	12515	37.82	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	18453	7.35	ug/l	95
25) Chloroform	5.23	83	9489	7.47	ug/l	91
26) Cyclohexane	5.58	56	7174	7.17	ug/l #	99
29) 1,1-Dichloropropene	5.81	75	7132	7.46	ug/l	99
30) 2-Butanone	4.72	43	29335	38.38	ug/l #	96
31) 2,2-Dichloropropane	4.59	77	7548	7.32	ug/l #	85
32) 1,1,1-Trichloroethane	5.50	97	4516	3.88	ug/l #	82
33) Carbon Tetrachloride	5.79	117	6923	6.74	ug/l	92
34) Benzene	6.16	78	20855	7.46	ug/l #	93
35) Methacrylonitrile	5.08	41	5332	7.83	ug/l	85
36) 1,2-Dichloroethane	6.21	62	7733	7.33	ug/l	99
37) Trichloroethene	7.23	130	6011	7.23	ug/l	89
38) Methylcyclohexane	7.46	83	7899	7.01	ug/l	96
39) 1,2-Dichloropropane	7.52	63	5116	7.24	ug/l #	88
40) Dibromomethane	7.67	93	4059	7.65	ug/l	95

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Instrument :
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 ClientSampleId :
 VSTDIC010

Quant Time: Feb 21 05:39:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 05:38:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	7140	6.97	ug/l	92
42) Vinyl Acetate	3.84	43	81143	44.16	ug/l	100
43) Ethyl Acetate	4.88	43	10163	7.61	ug/l #	80
44) Isopropyl Acetate	6.48	43	14577	7.64	ug/l #	82
45) 1,4-Dioxane	7.77	88	3523	149.16	ug/l	98
46) Methyl methacrylate	7.79	41	7049	7.57	ug/l	93
47) n-amyl Acetate	10.91	43	11507	7.02	ug/l	97
48) t-1,3-Dichloropropene	8.45	75	8839	7.35	ug/l	90
49) cis-1,3-Dichloropropene	9.05	75	8163	7.03	ug/l	96
50) 1,1,2-Trichloroethane	9.23	97	5818	7.60	ug/l	96
51) Ethyl methacrylate	9.20	69	8133	6.97	ug/l	95
52) 1,3-Dichloropropane	9.38	76	9275	7.29	ug/l	92
53) Dibromochloromethane	9.59	129	5954	6.86	ug/l	97
54) 1,2-Dibromoethane	9.68	107	6514	7.46	ug/l	94
55) 2-Chloroethyl vinyl ether	8.32	63	31238	52.51	ug/l	100
56) Bromoform	10.87	173	4627	6.71	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	51634	36.22	ug/l	99
59) 2-Hexanone	9.51	43	43938	36.19	ug/l	98
61) Tetrachloroethene	9.34	164	5073	6.59	ug/l	98
62) Toluene	8.79	91	23827	7.16	ug/l	99
64) Chlorobenzene	10.15	112	16469	7.43	ug/l	94
65) 1,1,1,2-Tetrachloroethane	10.23	131	5353	6.77	ug/l	94
66) Ethyl Benzene	10.26	91	26921	7.05	ug/l	97
67) m/p-Xylenes	10.37	106	20240	13.81	ug/l	99
68) o-Xylene	10.71	106	9702	6.71	ug/l	96
69) Styrene	10.72	104	15598	6.53	ug/l	95
70) Isopropylbenzene	11.02	105	26388	6.76	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.28	83	9371	6.96	ug/l	98
72) 1,2,3-Trichloropropane	11.30	75	11471	9.27	ug/l	84
73) Bromobenzene	11.26	156	6835	6.77	ug/l	93
74) n-propylbenzene	11.37	91	31491	6.89	ug/l	100
75) 2-Chlorotoluene	11.43	91	18293	6.84	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	22193	6.73	ug/l	69
77) t-1,4-Dichloro-2-butene	11.08	75	2791	6.46	ug/l	96
78) 4-Chlorotoluene	11.52	91	21233	6.74	ug/l	99
79) tert-butylbenzene	12.07	119	24304	7.33	ug/l	94
80) 1,2,4-Trimethylbenzene	11.82	105	22828	6.68	ug/l	98
81) sec-Butylbenzene	11.96	105	27069	6.60	ug/l	99
82) p-Isopropyltoluene	12.07	119	24304	6.63	ug/l	99
83) 1,3-Dichlorobenzene	12.04	146	13034	6.72	ug/l	96
84) 1,4-Dichlorobenzene	12.10	146	13287	6.65	ug/l	99
85) n-Butylbenzene	12.40	91	23238	6.78	ug/l	98
86) Hexachloroethane	12.60	117	3868	6.44	ug/l	98
87) 1,2-Dichlorobenzene	12.40	146	13032	6.69	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	2475	6.61	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	9526	6.83	ug/l	97
90) Hexachlorobutadiene	13.79	225	4082	7.03	ug/l	97
91) Naphthalene	13.84	128	33479	6.70	ug/l	99
92) 1,2,3-Trichlorobenzene	14.03	180	9475	6.67	ug/l	98

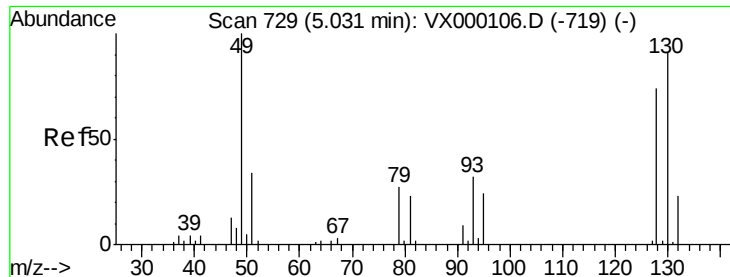
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022018\
Data File : VX000105.D
Acq On : 20 Feb 2018 13:27
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MSVOA_X
ClientSampleId :
VSTDICC010

Quant Time: Feb 21 05:39:41 2018
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 05:38:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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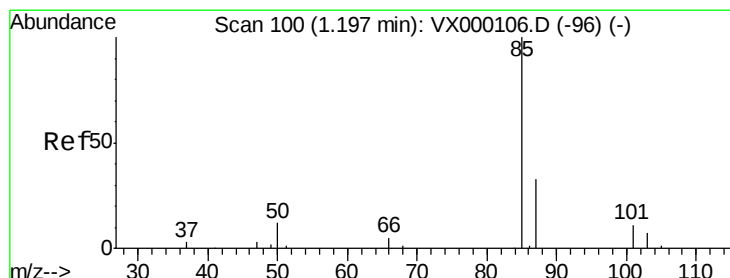
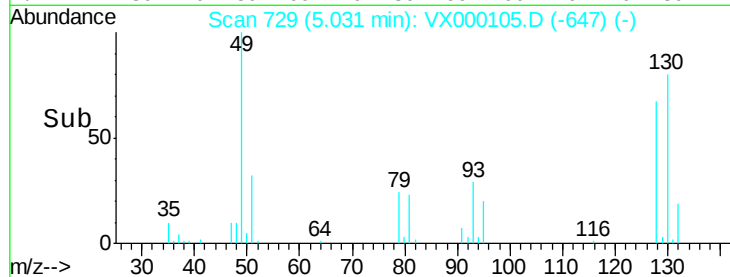
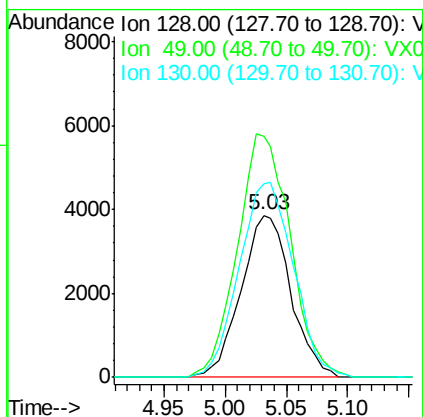
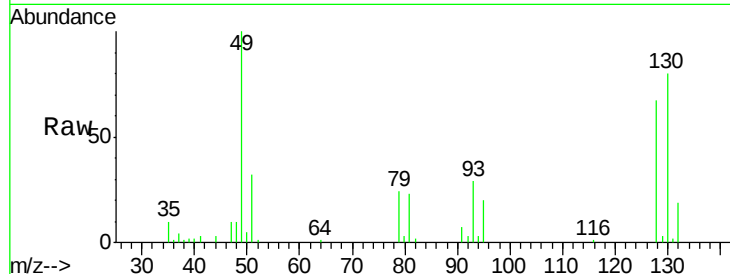
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

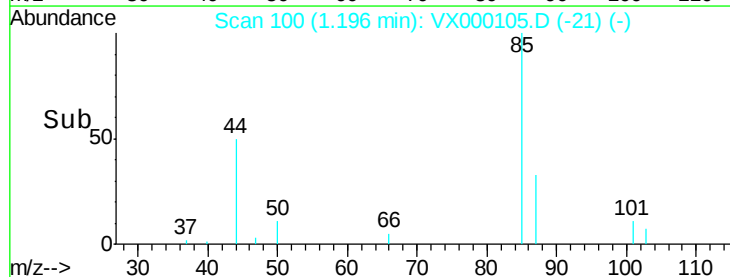
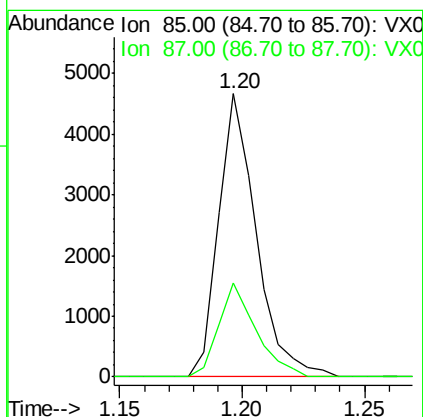
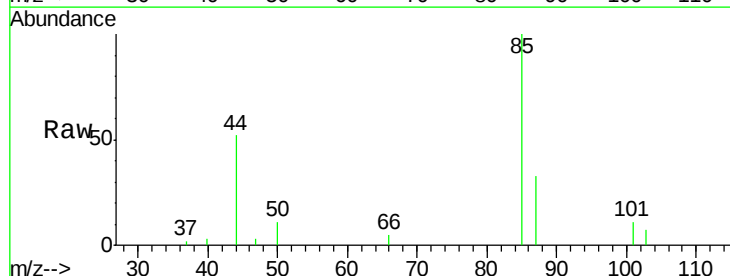
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

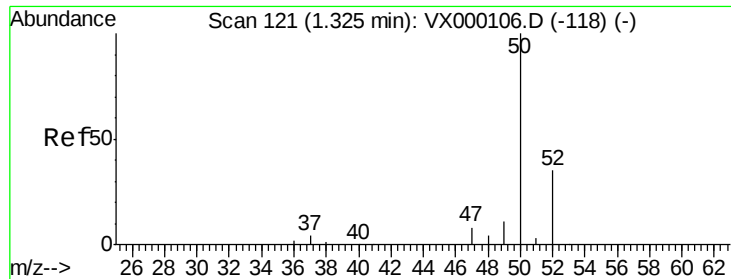
Tgt Ion: 128 Resp: 10966
Ion Ratio Lower Upper
128 100
49 158.6 0.0 378.3
130 130.9 0.0 324.3



#2
Dichlorodifluoromethane
Concen: 7.51 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Tgt Ion: 85 Resp: 4992
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.7





#3

Chloromethane

Concen: 8.04 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

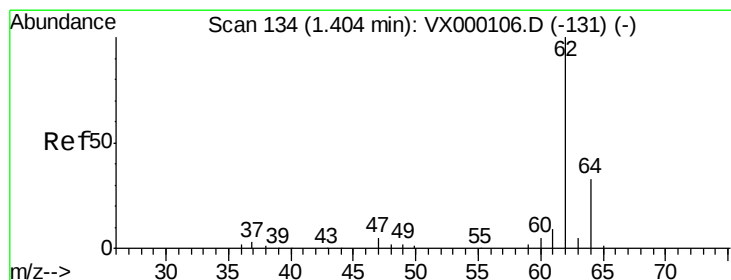
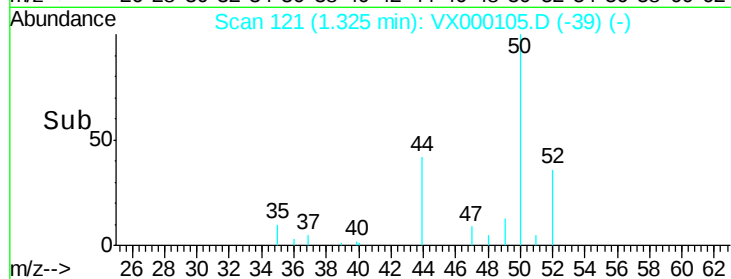
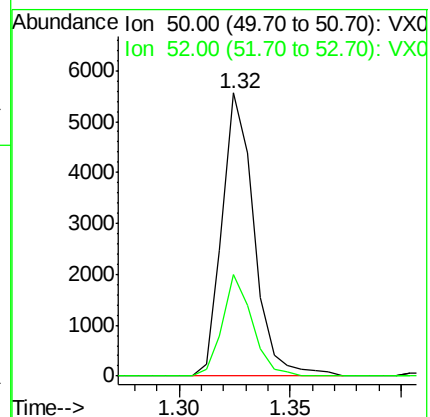
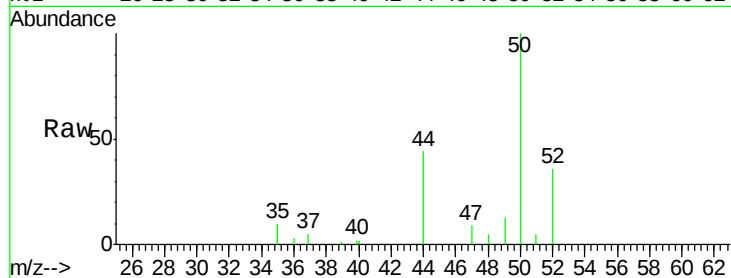
VSTDIC010

Tgt Ion: 50 Resp: 5546

Ion Ratio Lower Upper

50 100

52 35.9 27.8 41.6



#4

Vinyl Chloride

Concen: 7.68 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000105.D

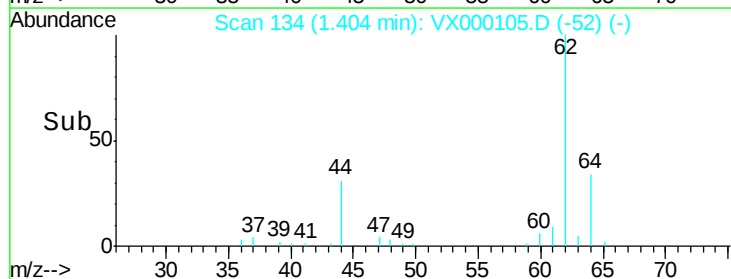
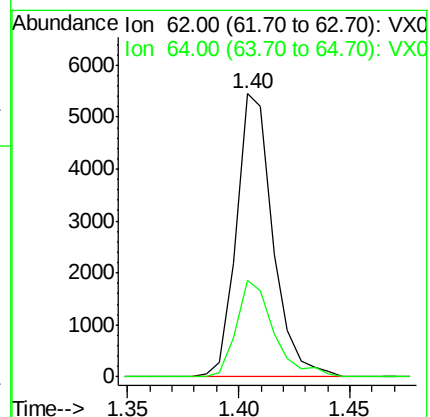
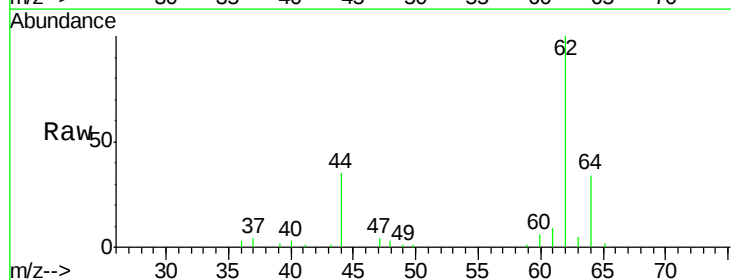
Acq: 20 Feb 2018 13:27

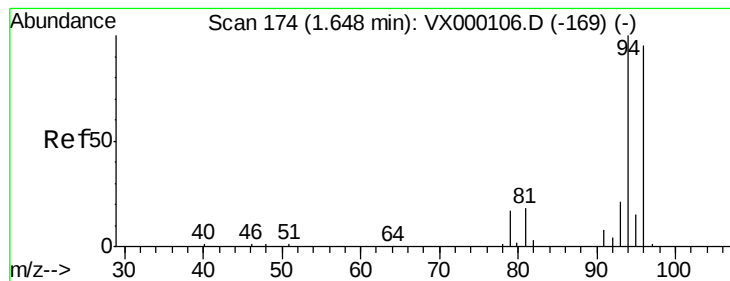
Tgt Ion: 62 Resp: 6224

Ion Ratio Lower Upper

62 100

64 34.0 26.0 39.0





#5

Bromomethane

Concen: 8.00 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

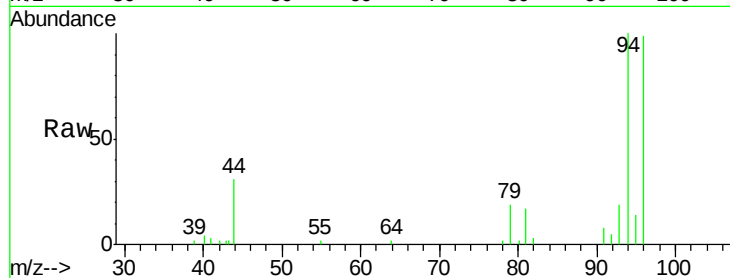
VSTDIC010

Tgt Ion: 94 Resp: 5845

Ion Ratio Lower Upper

94 100

96 99.1 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.65

5000

4000

3000

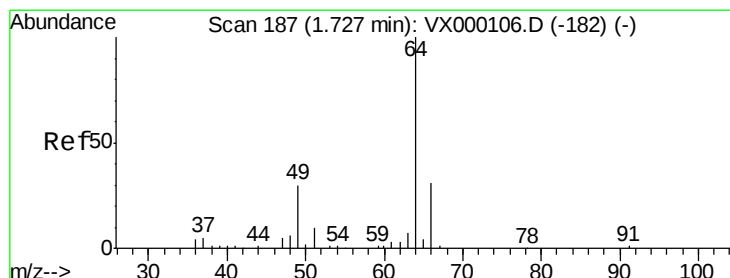
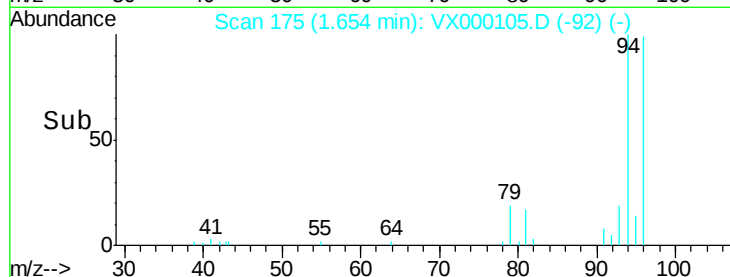
2000

1000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 7.95 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000105.D

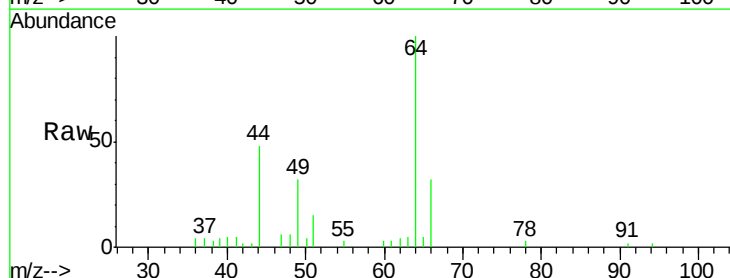
Acq: 20 Feb 2018 13:27

Tgt Ion: 64 Resp: 4053

Ion Ratio Lower Upper

64 100

66 33.0 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.73

3000

2500

2000

1500

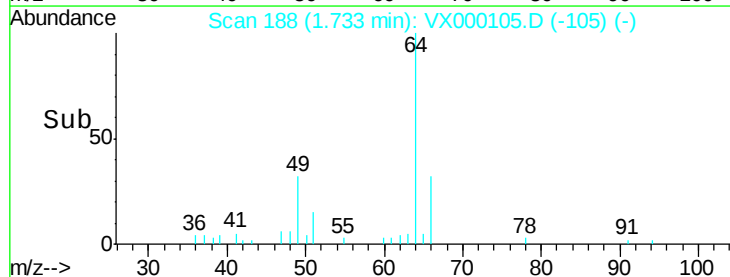
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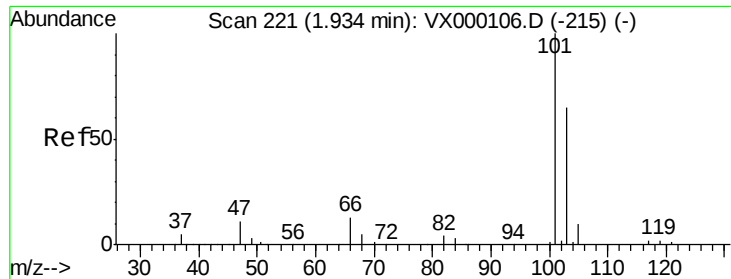
500

0

Time-->

1.70 1.75



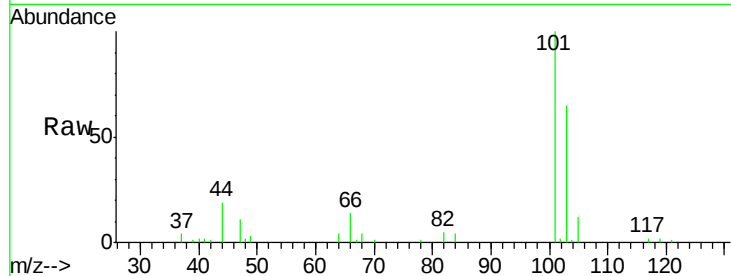


#7

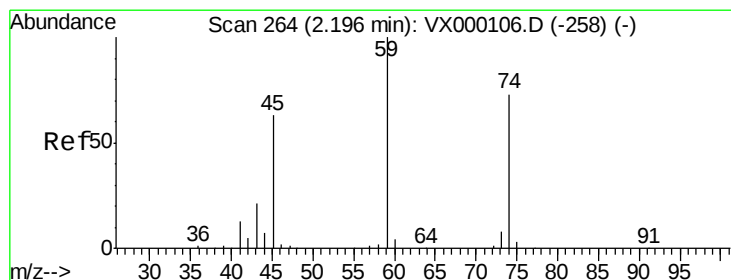
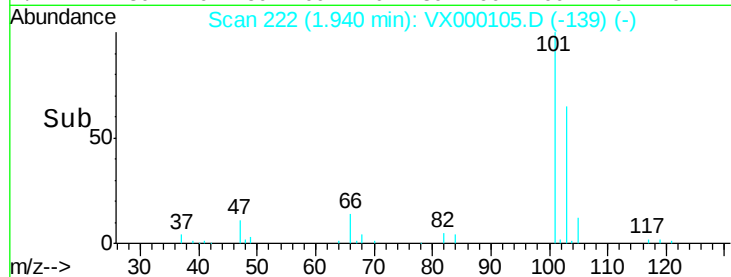
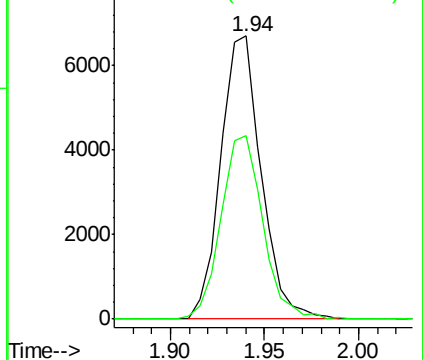
Trichlorofluoromethane
Concen: 7.22 ug/l
RT: 1.94 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 101 Resp: 9992
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.4



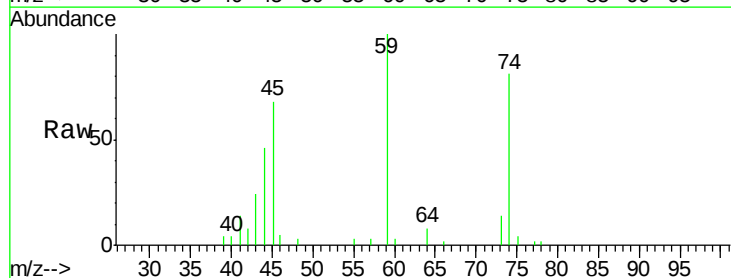
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



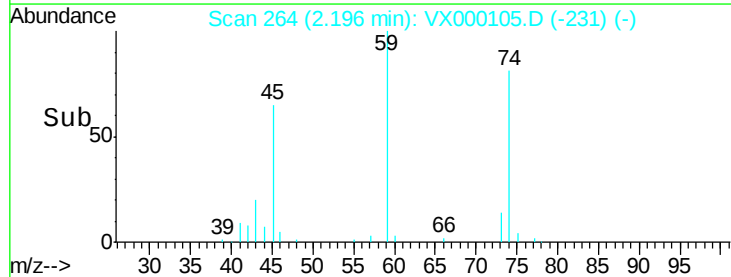
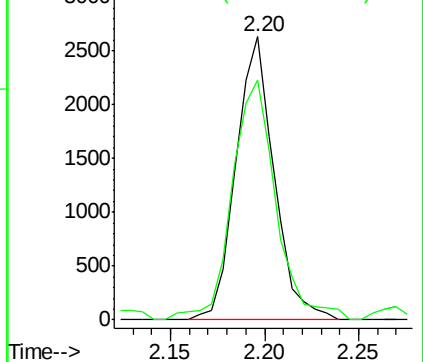
#8

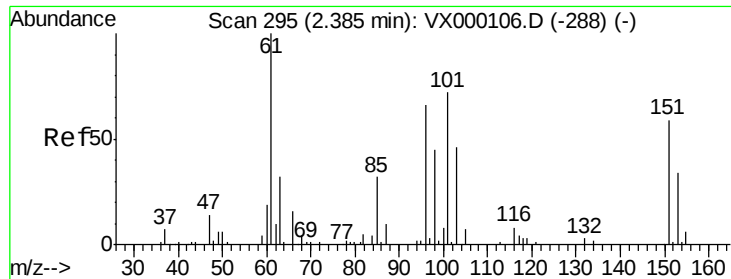
Diethyl Ether
Concen: 7.30 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Tgt Ion: 74 Resp: 3695
Ion Ratio Lower Upper
74 100
45 95.0 17.8 159.8



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: 7.24 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

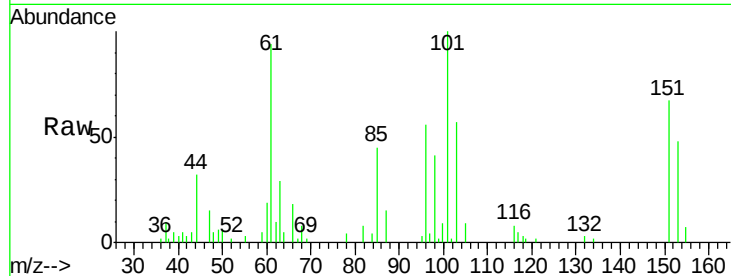
Tgt Ion:101 Resp: 5545

Ion Ratio Lower Upper

101 100

85 46.6 0.0 90.4

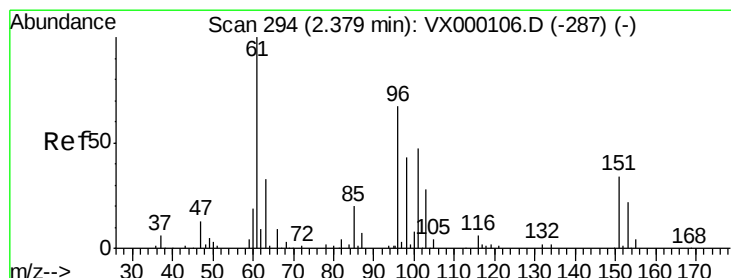
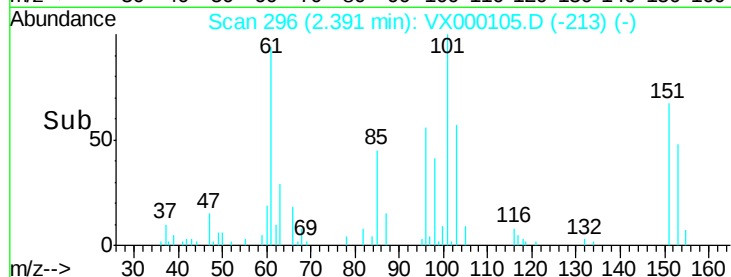
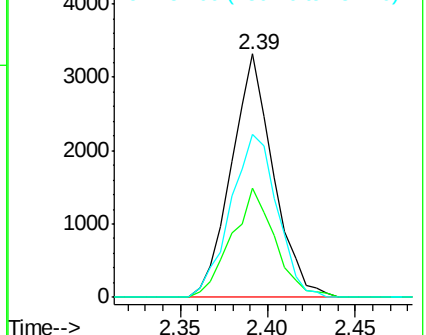
151 74.4 0.0 167.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 7.23 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

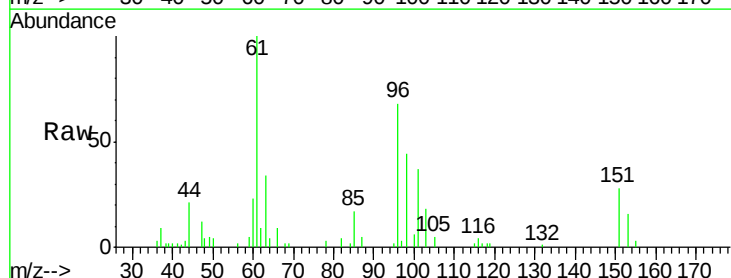
Tgt Ion: 96 Resp: 5314

Ion Ratio Lower Upper

96 100

61 146.7 118.6 178.0

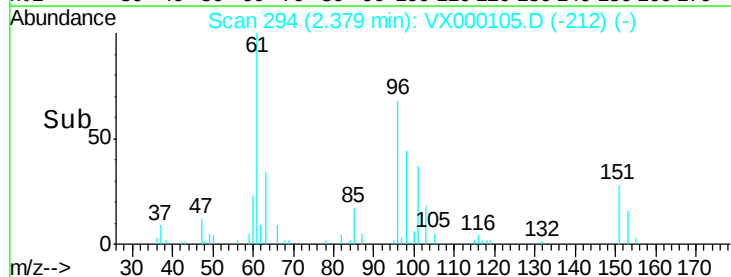
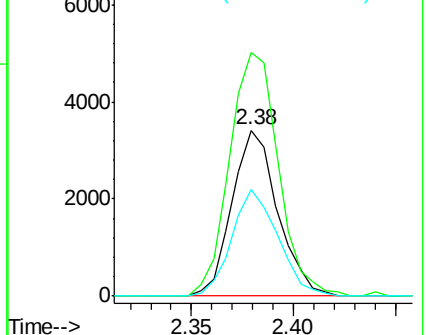
98 64.6 51.0 76.6

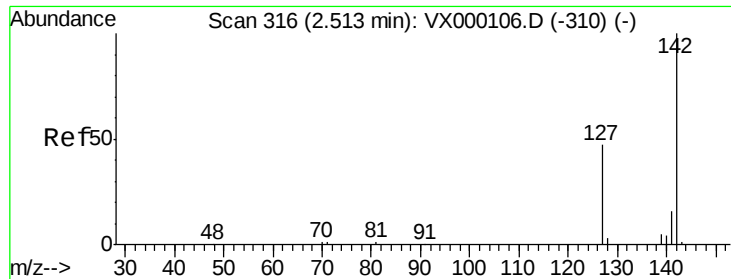


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

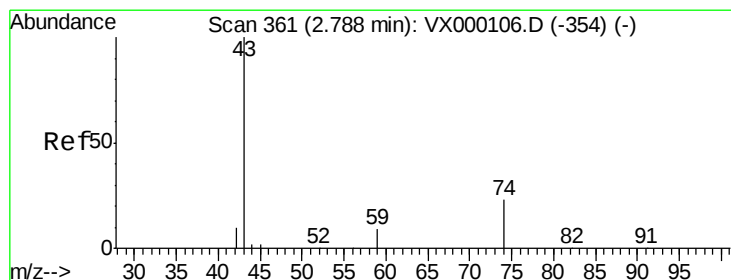
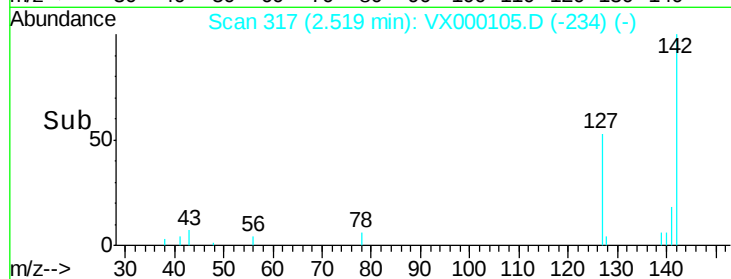
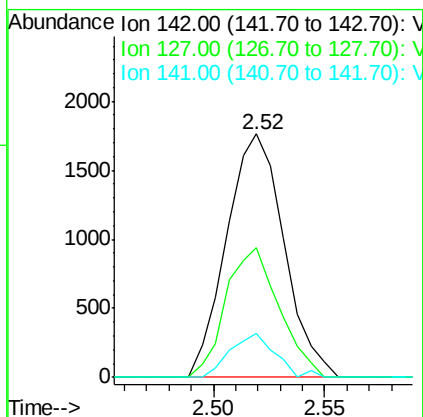
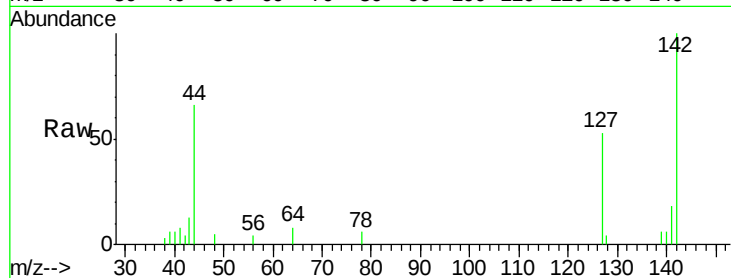




#11
Methyl Iodide
Concen: 5.37 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

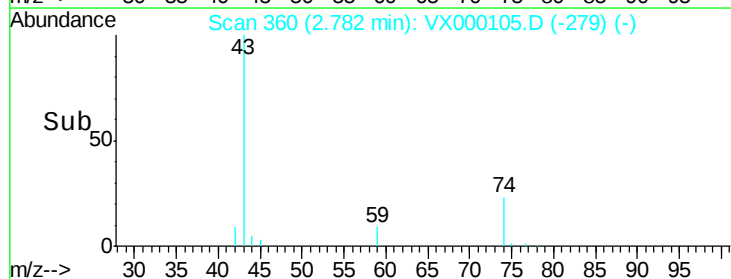
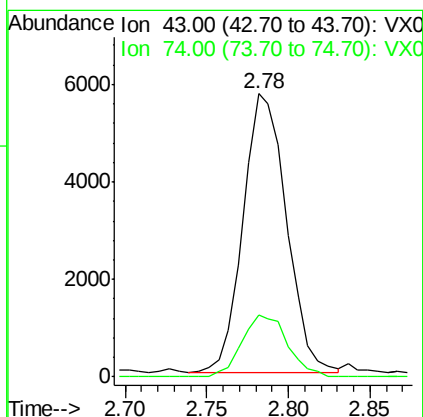
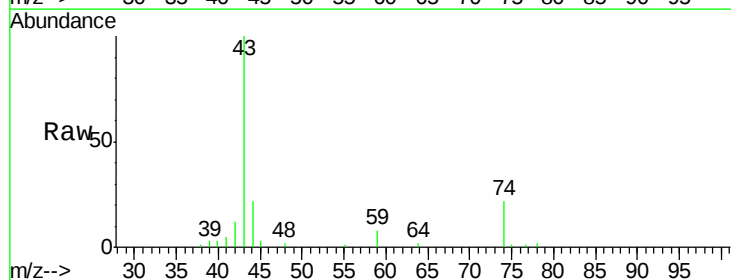
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

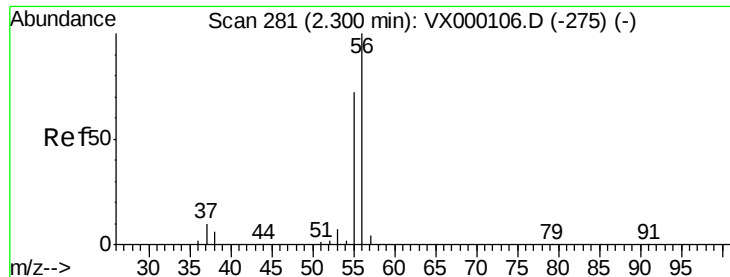
Tgt Ion: 142 Resp: 3171
Ion Ratio Lower Upper
142 100
127 53.4 23.8 71.5
141 18.3 8.2 24.4



#12
Methyl Acetate
Concen: 8.14 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Tgt Ion: 43 Resp: 10657
Ion Ratio Lower Upper
43 100
74 22.6 18.6 27.8





#13

Acrolein

Concen: 69.72 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

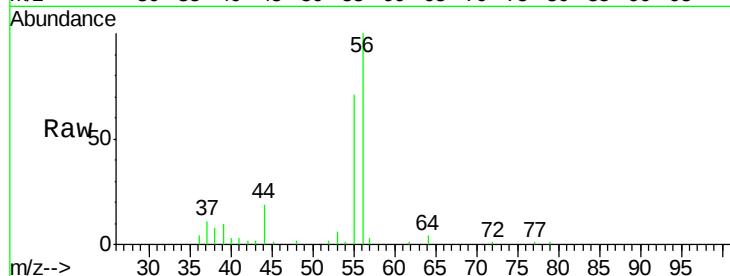
VSTDIC010

Tgt Ion: 56 Resp: 10423

Ion Ratio Lower Upper

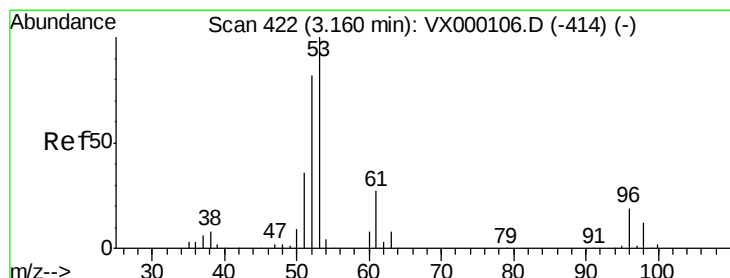
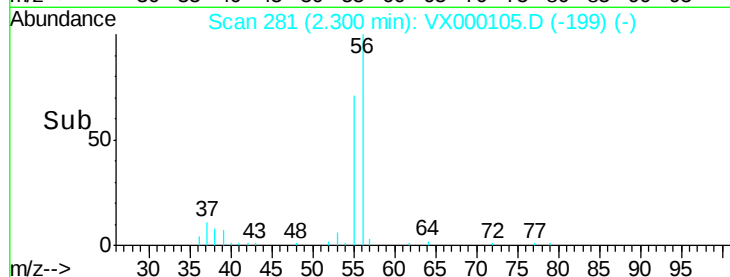
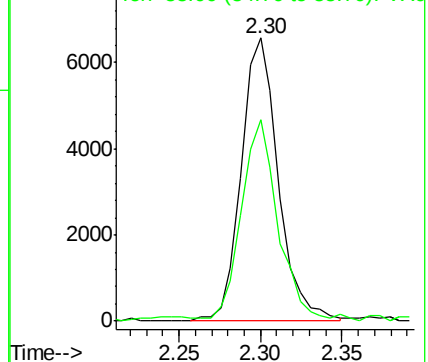
56 100

55 66.9 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 37.80 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

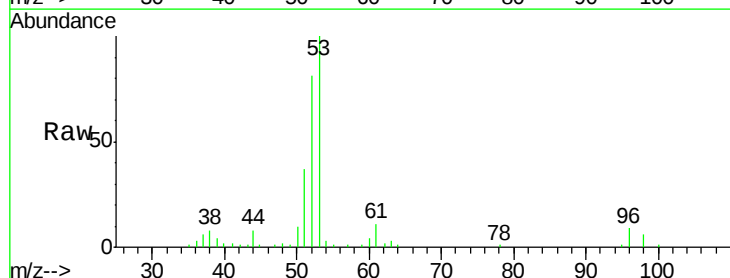
Tgt Ion: 53 Resp: 21501

Ion Ratio Lower Upper

53 100

52 84.5 41.9 125.8

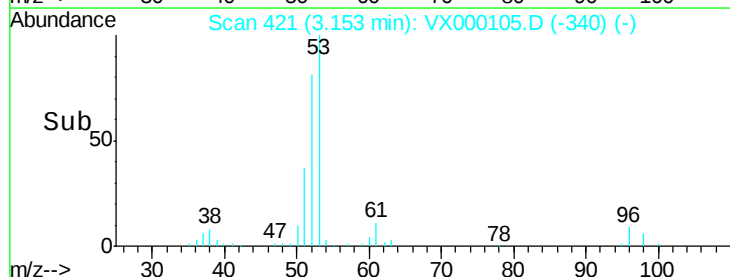
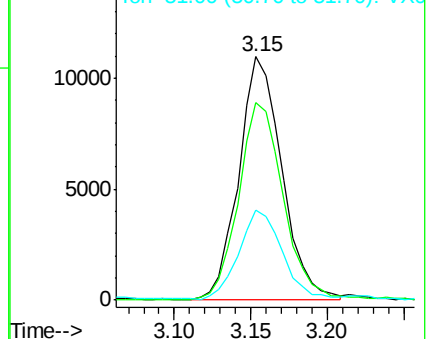
51 37.7 18.8 56.3

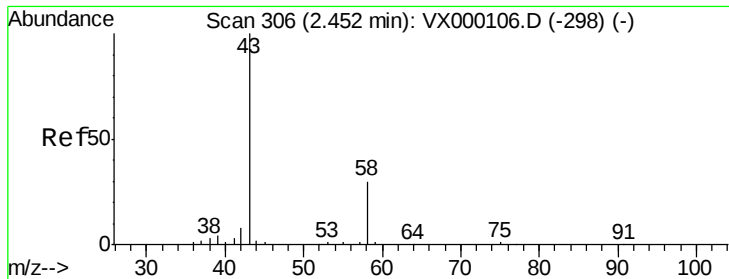


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 42.41 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

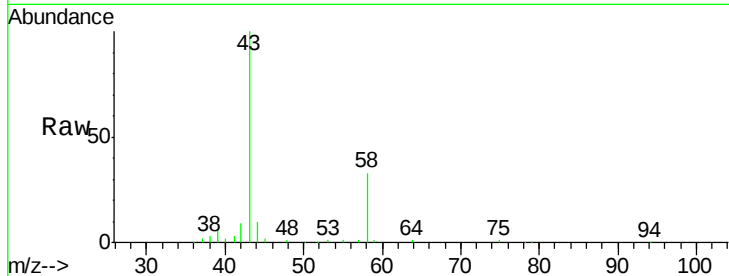
VSTDIC010

Tgt Ion: 58 Resp: 8224

Ion Ratio Lower Upper

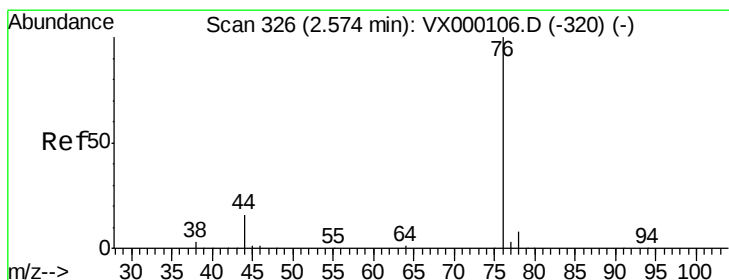
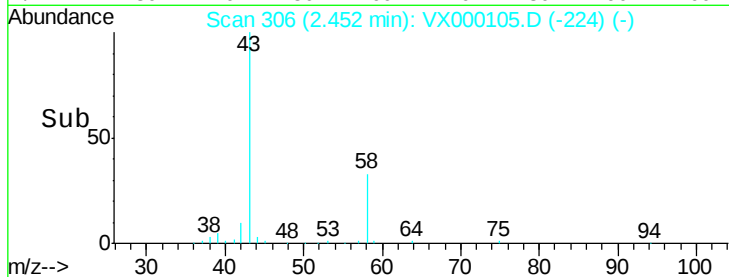
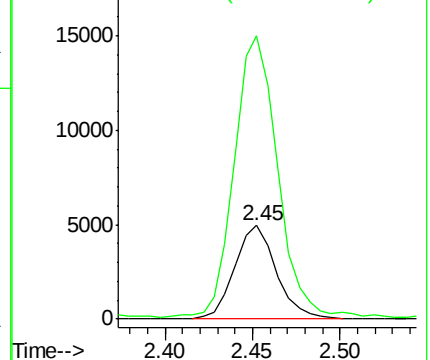
58 100

43 298.7 264.6 396.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 7.60 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000105.D

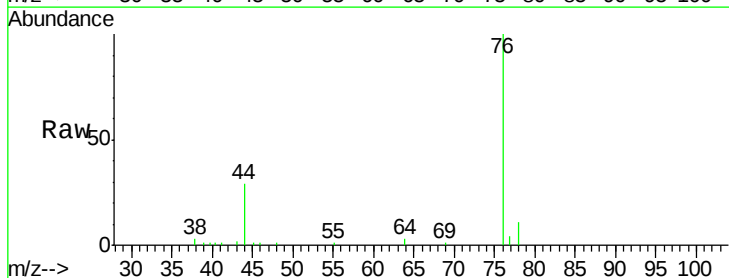
Acq: 20 Feb 2018 13:27

Tgt Ion: 76 Resp: 15702

Ion Ratio Lower Upper

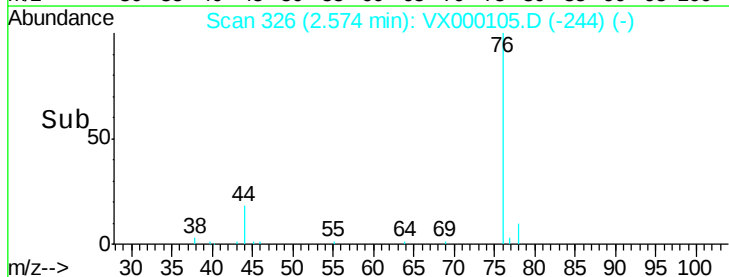
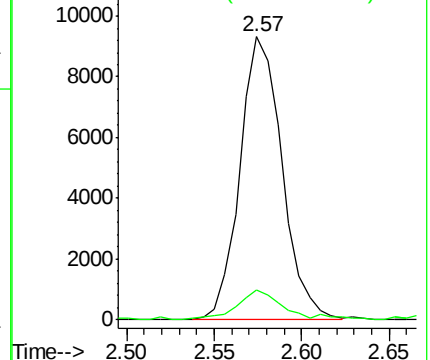
76 100

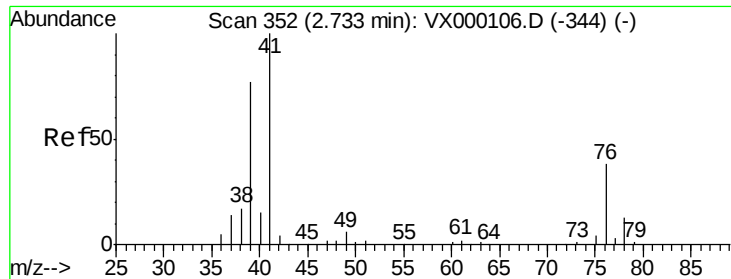
78 9.9 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

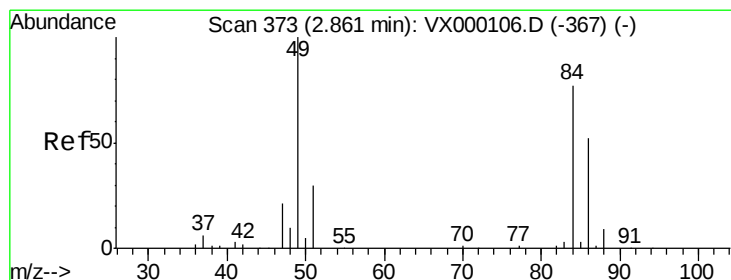
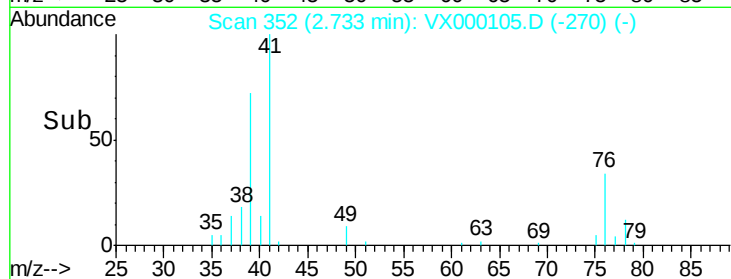
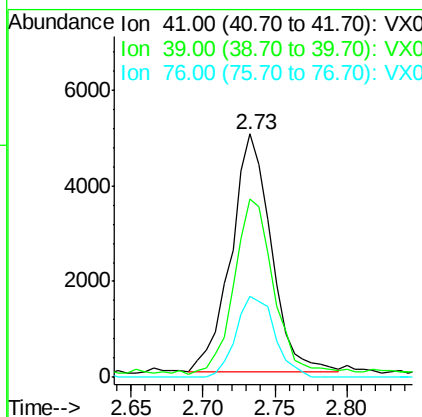
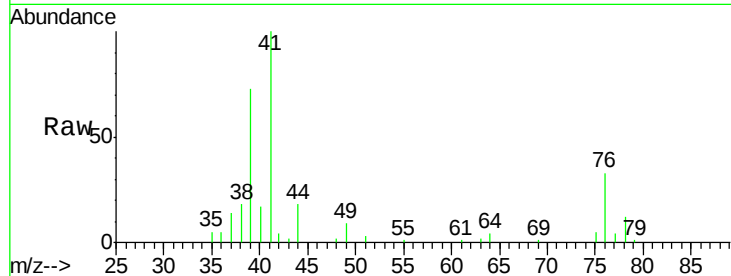




#17
 Allyl chloride
 Concen: 7.77 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

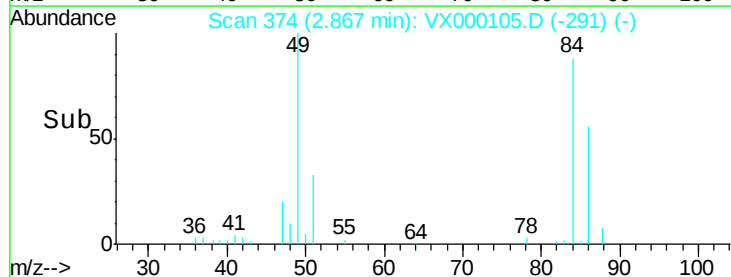
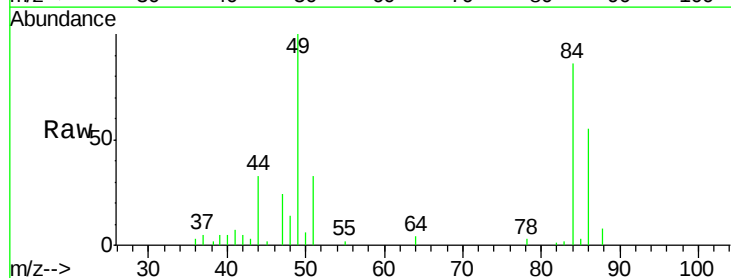
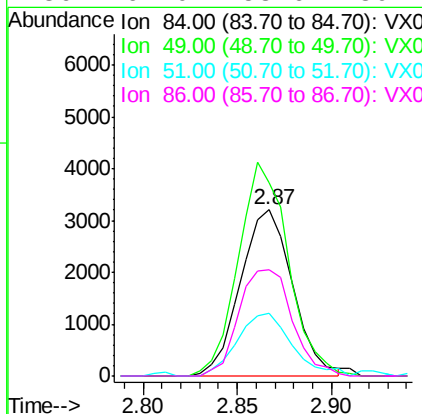
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

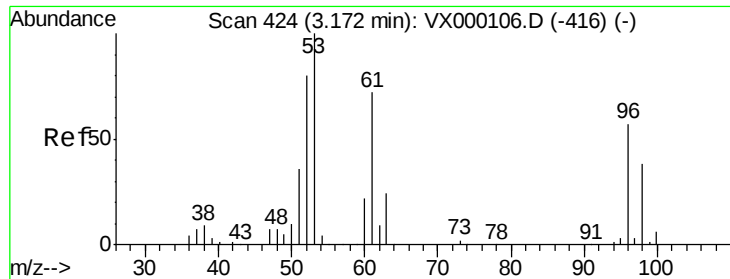
Tgt Ion: 41 Resp: 9598
 Ion Ratio Lower Upper
 41 100
 39 73.7 38.5 115.5
 76 34.1 18.7 56.1



#18
 Methylene Chloride
 Concen: 7.85 ug/l
 RT: 2.87 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

Tgt Ion: 84 Resp: 6149
 Ion Ratio Lower Upper
 84 100
 49 116.2 103.3 154.9
 51 37.8 31.2 46.8
 86 64.0 53.6 80.4





#19

trans-1,2-Dichloroethene

Concen: 7.67 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

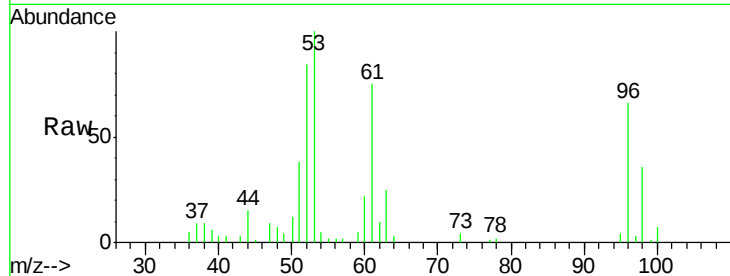
Tgt Ion: 96 Resp: 6050

Ion Ratio Lower Upper

96 100

61 113.5 101.0 151.6

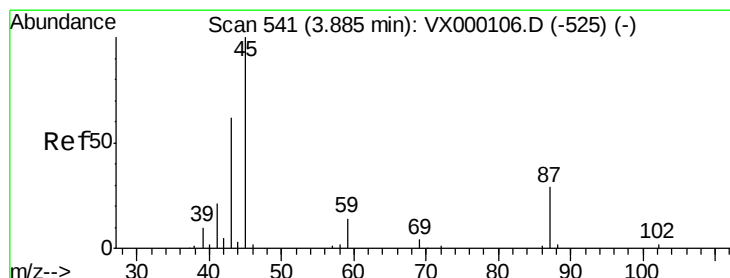
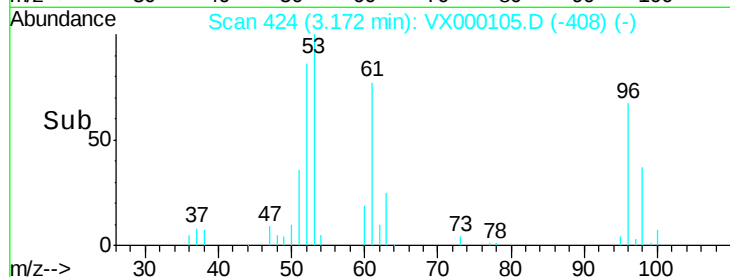
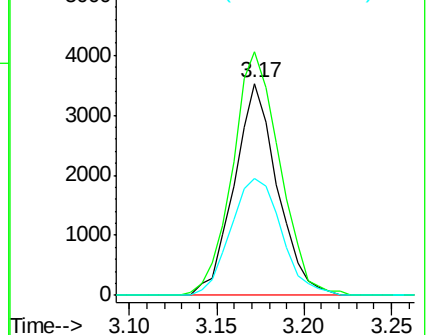
98 55.4 53.3 79.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 8.38 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Tgt Ion: 45 Resp: 15794

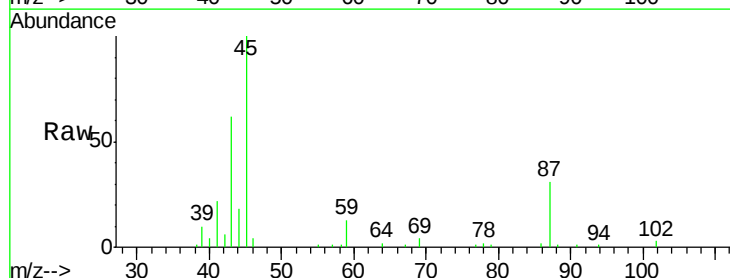
Ion Ratio Lower Upper

45 100

43 57.0 49.6 74.4

87 31.4 23.1 34.7

59 13.0 10.8 16.2

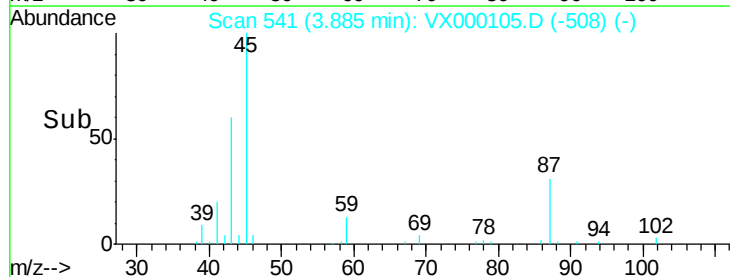
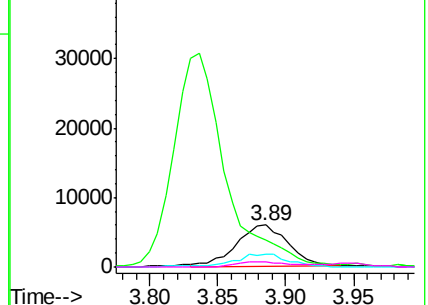


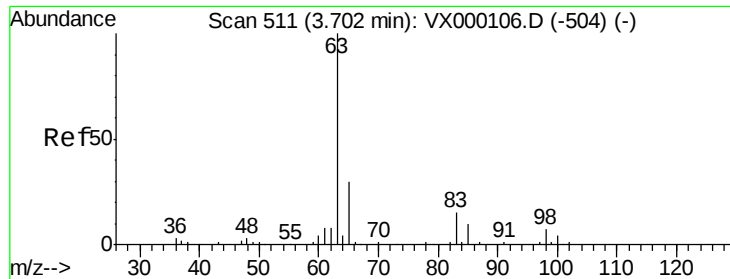
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 7.78 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

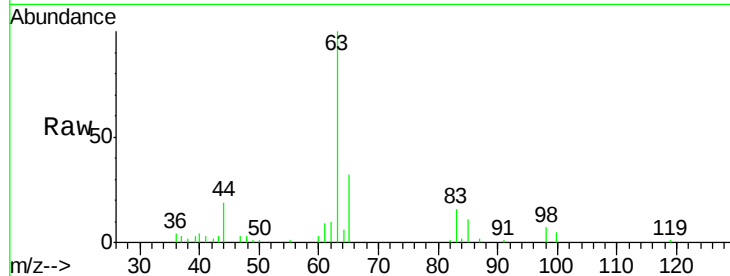
Tgt Ion: 63 Resp: 10437

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

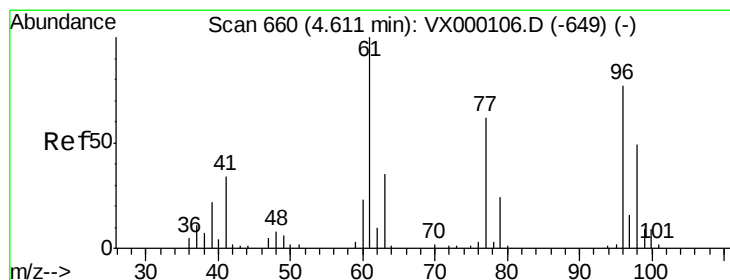
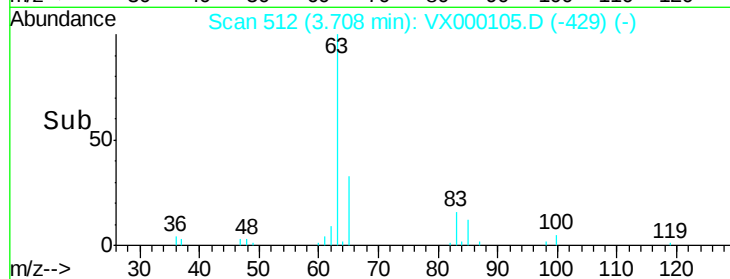
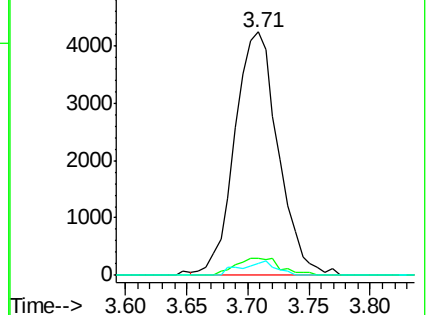
100 4.9 2.1 6.5



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 7.42 ug/l

RT: 4.61 min Scan# 660

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

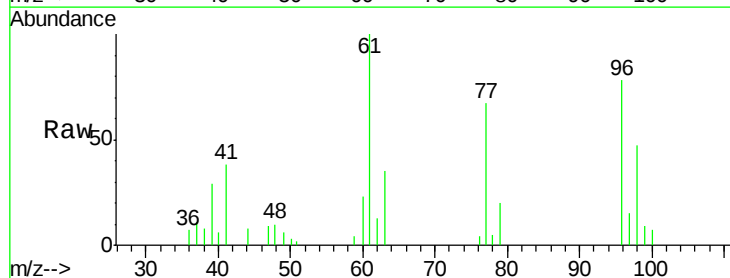
Tgt Ion: 96 Resp: 5441

Ion Ratio Lower Upper

96 100

61 141.2 113.5 170.3

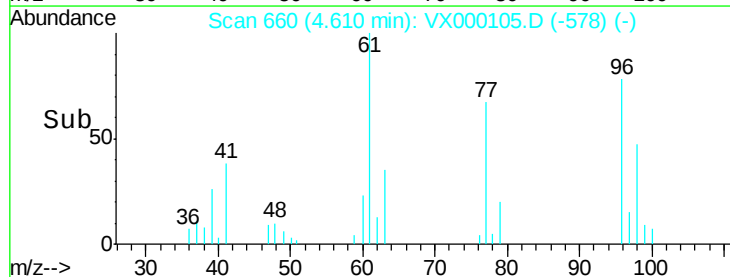
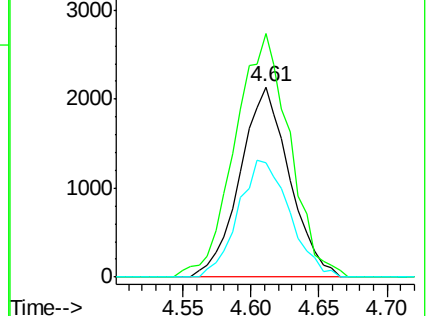
98 63.9 51.8 77.8

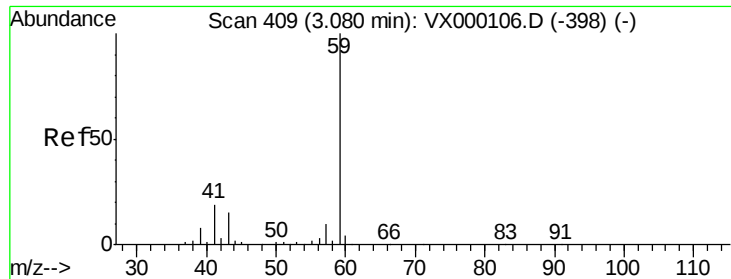


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

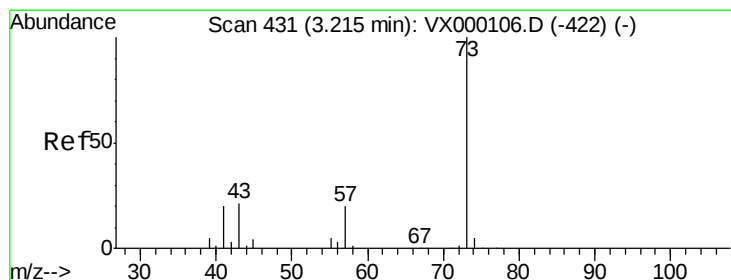
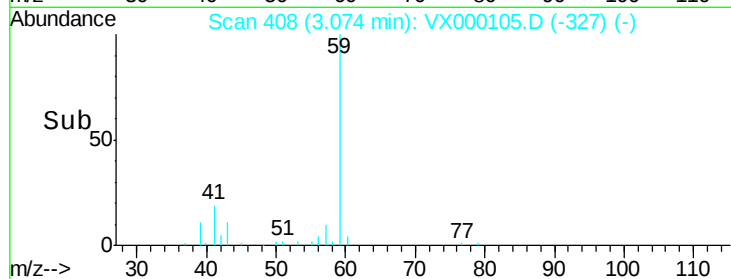
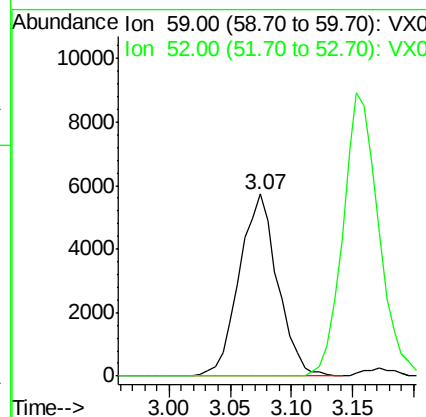
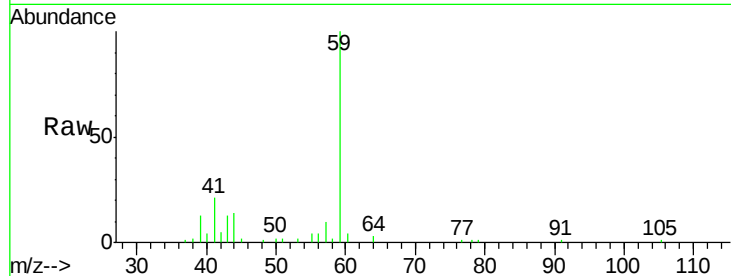




#23
 tert-Butyl Alcohol
 Concen: 37.82 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

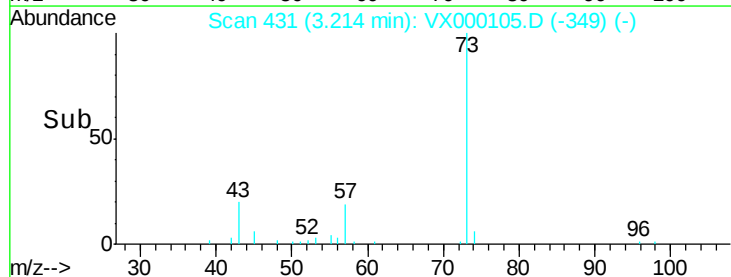
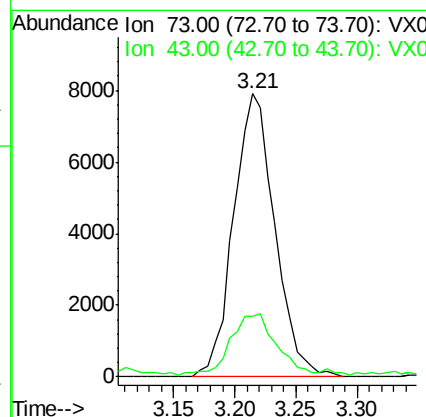
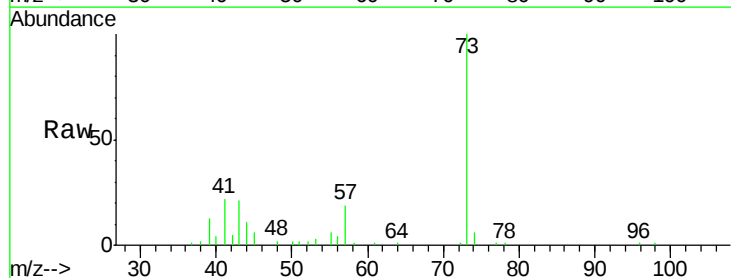
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

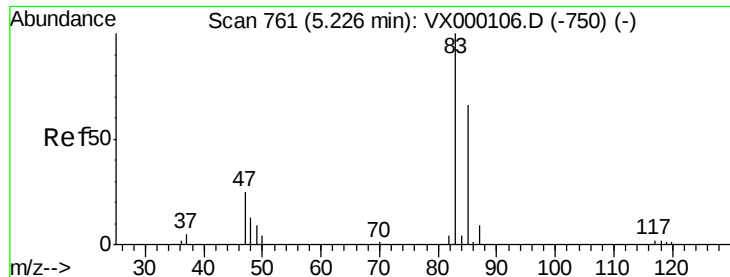
Tgt Ion: 59 Resp: 12515
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#



#24
 Methyl tert-Butyl Ether
 Concen: 7.35 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

Tgt Ion: 73 Resp: 18453
 Ion Ratio Lower Upper
 73 100
 43 23.1 16.5 24.7

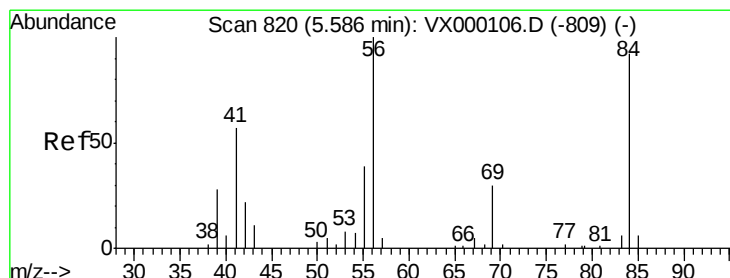
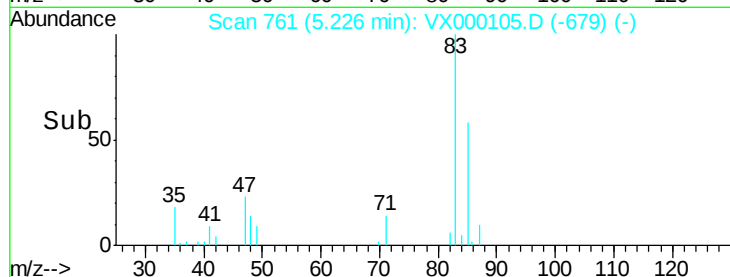
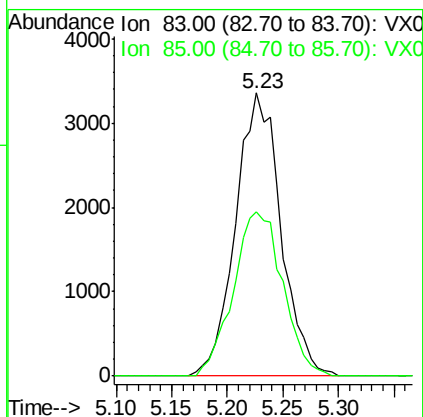
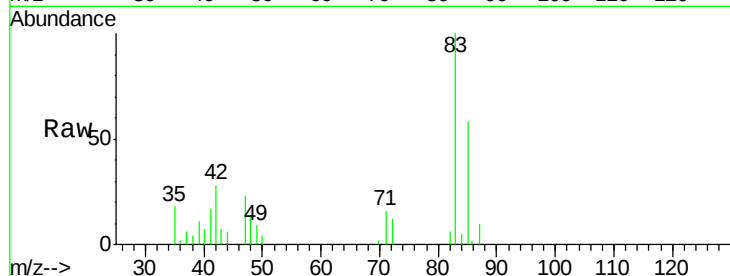




#25
Chloroform
Concen: 7.47 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

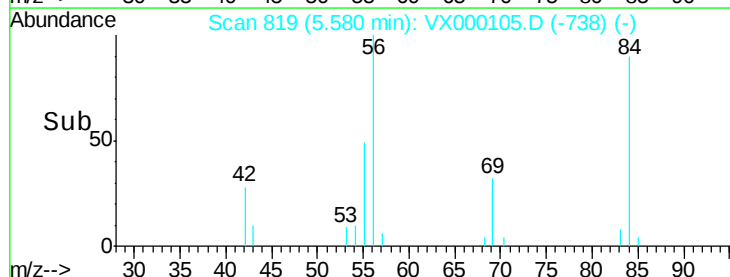
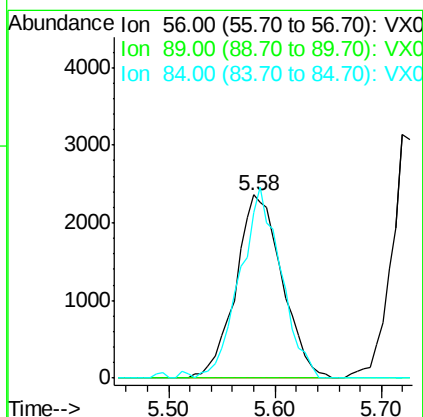
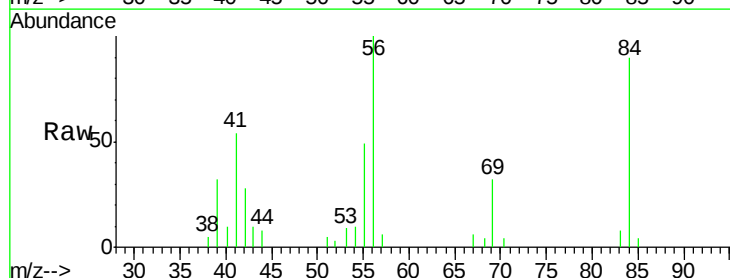
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

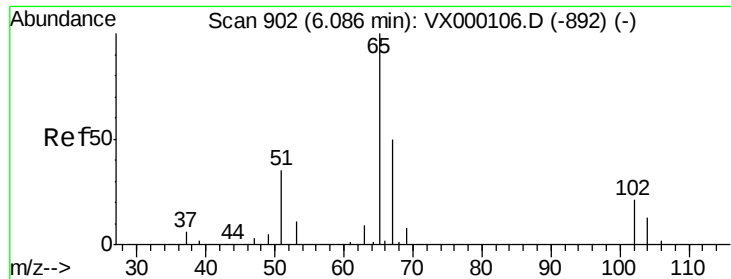
Tgt Ion: 83 Resp: 9489
Ion Ratio Lower Upper
83 100
85 58.2 52.5 78.7



#26
Cyclohexane
Concen: 7.17 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Tgt Ion: 56 Resp: 7174
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.3 74.8 112.2





#27

1,2-Dichloroethane-d4

Concen: 31.79 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

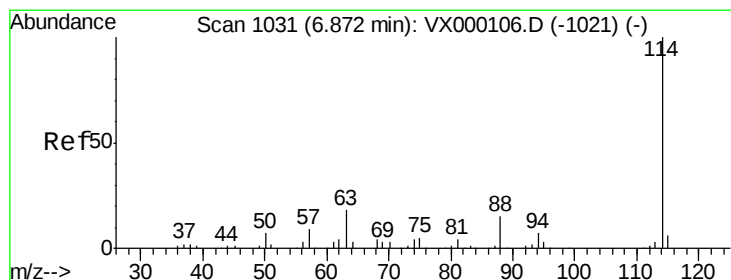
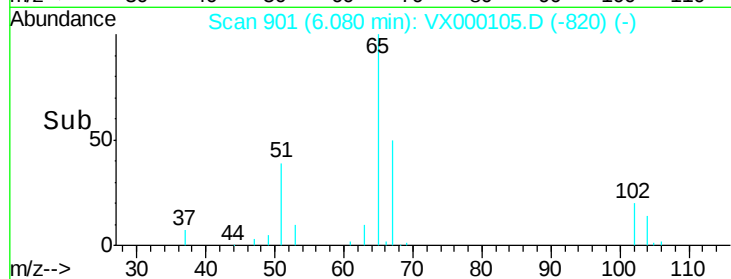
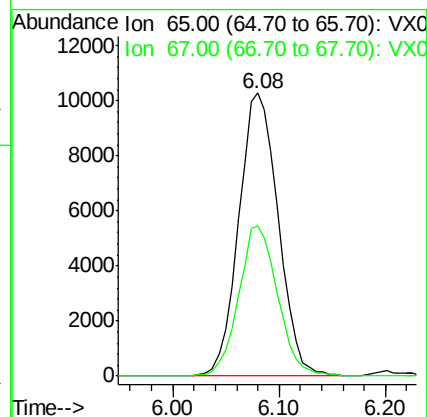
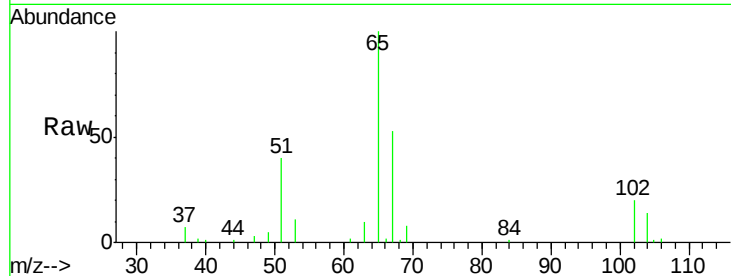
VSTDIC010

Tgt Ion: 65 Resp: 26749

Ion Ratio Lower Upper

65 100

67 52.5 41.4 62.2



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

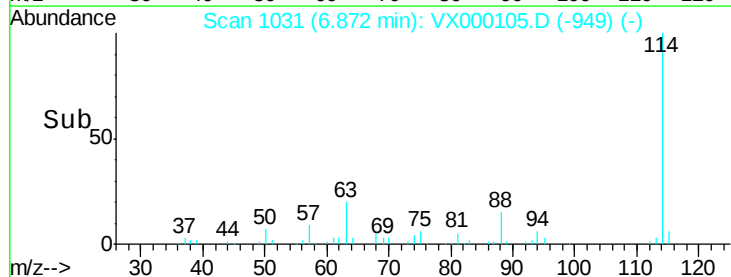
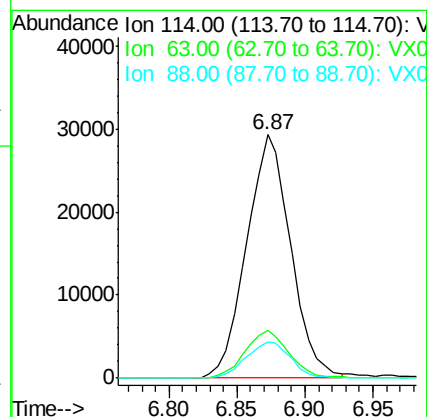
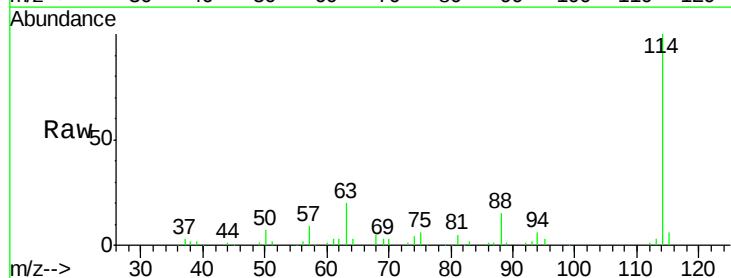
Tgt Ion: 114 Resp: 66365

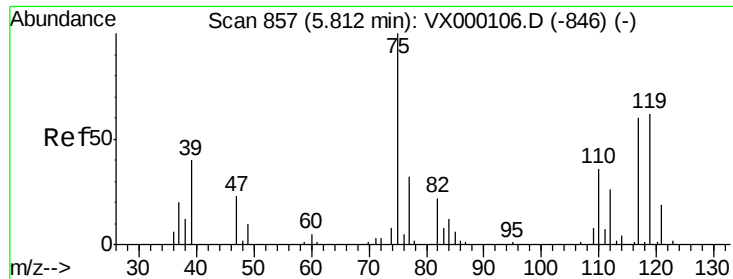
Ion Ratio Lower Upper

114 100

63 19.7 15.0 22.4

88 15.1 11.8 17.8

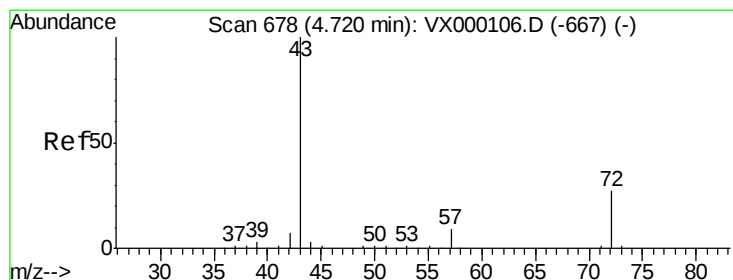
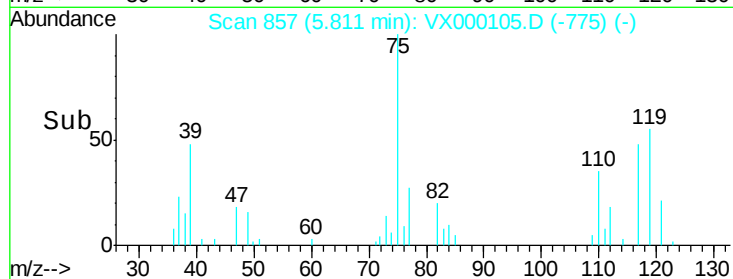
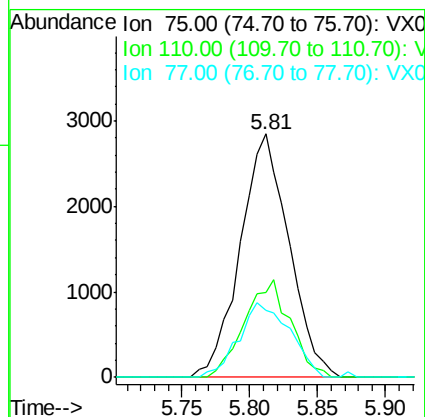
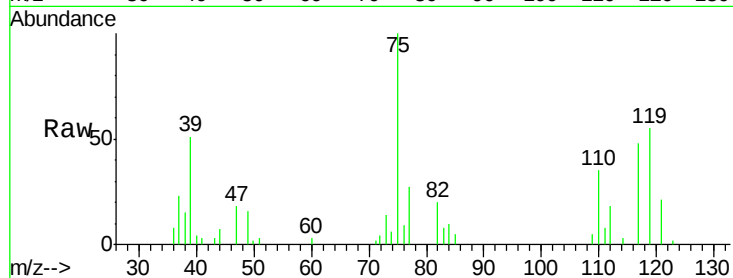




#29
 1,1-Dichloropropene
 Concen: 7.46 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

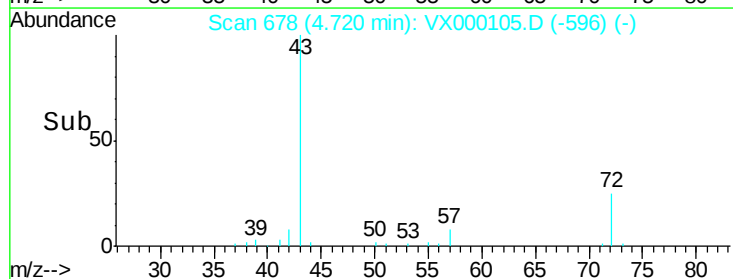
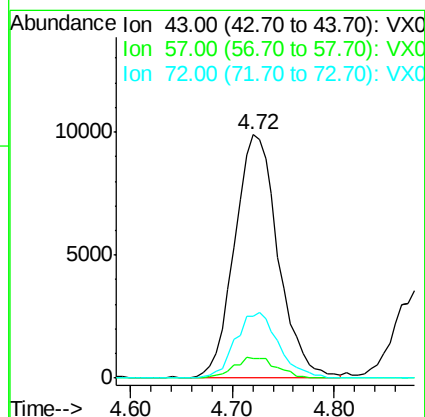
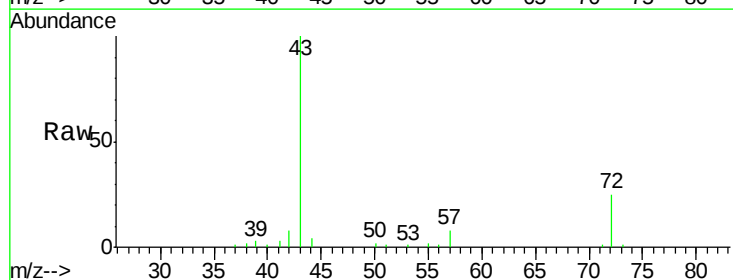
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

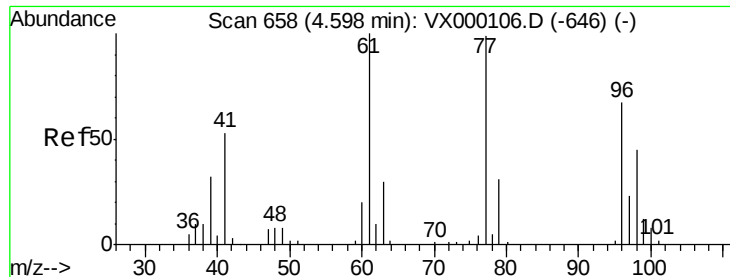
Tgt Ion: 75 Resp: 7132
 Ion Ratio Lower Upper
 75 100
 110 37.7 0.0 75.6
 77 32.2 0.0 62.6



#30
 2-Butanone
 Concen: 38.38 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

Tgt Ion: 43 Resp: 29335
 Ion Ratio Lower Upper
 43 100
 57 4.2 6.6 10.0#
 72 26.5 21.8 32.6

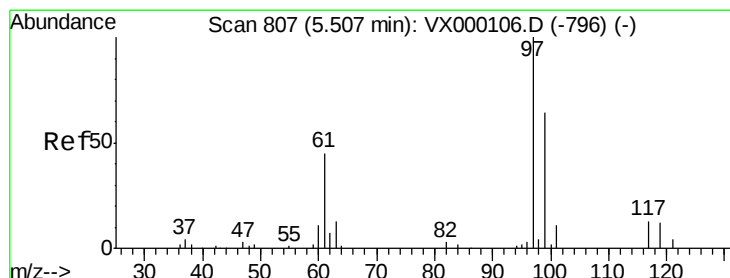
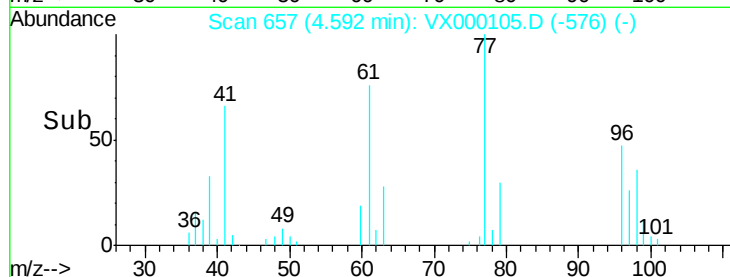
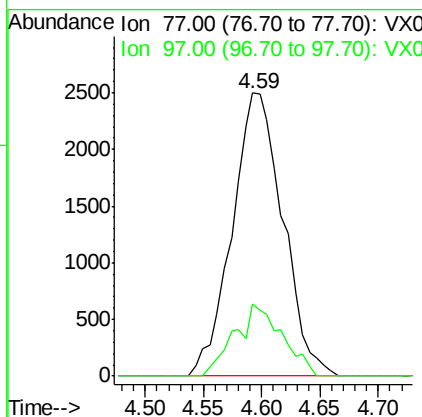
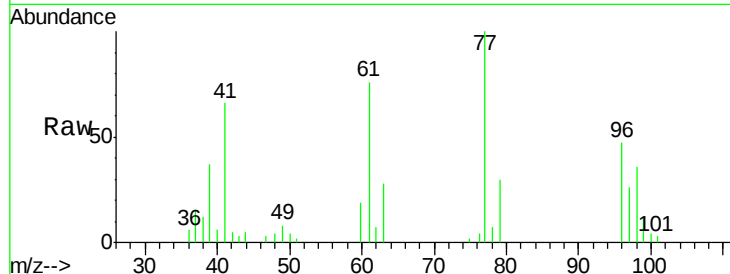




#31
 2,2-Dichloropropane
 Concen: 7.32 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

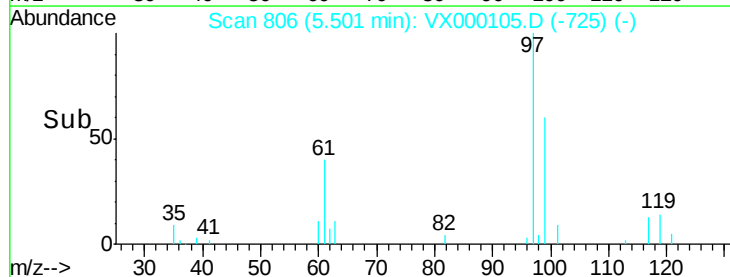
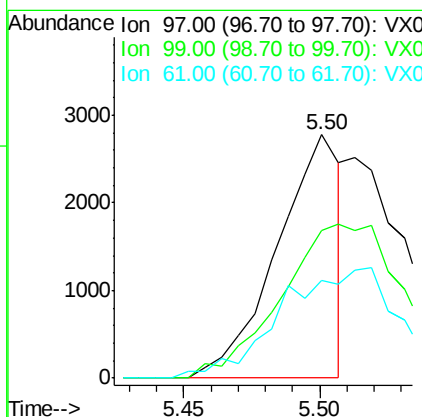
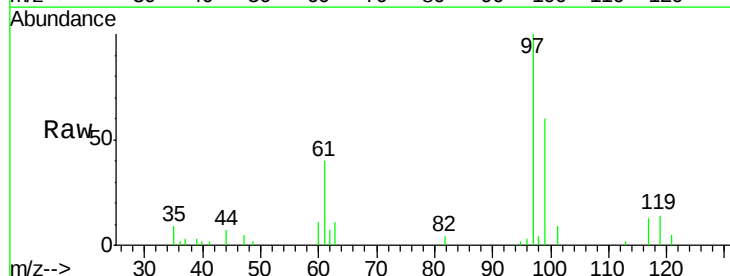
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC010

Tgt Ion: 77 Resp: 7548
 Ion Ratio Lower Upper
 77 100
 97 16.1 18.6 27.8#



#32
 1,1,1-Trichloroethane
 Concen: 3.88 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

Tgt Ion: 97 Resp: 4516
 Ion Ratio Lower Upper
 97 100
 99 76.9 52.3 78.5
 61 28.4 34.3 51.5#





#33

Carbon Tetrachloride

Concen: 6.74 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

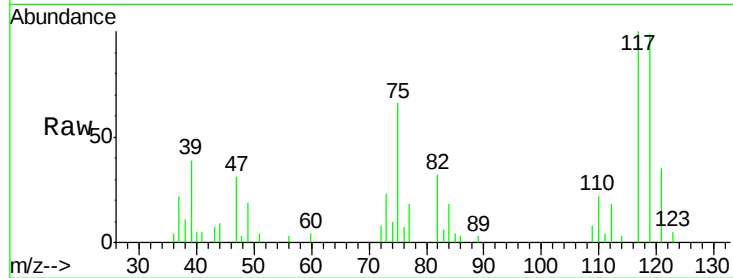
Tgt Ion: 117 Resp: 6923

Ion Ratio Lower Upper

117 100

119 99.2 73.5 110.3

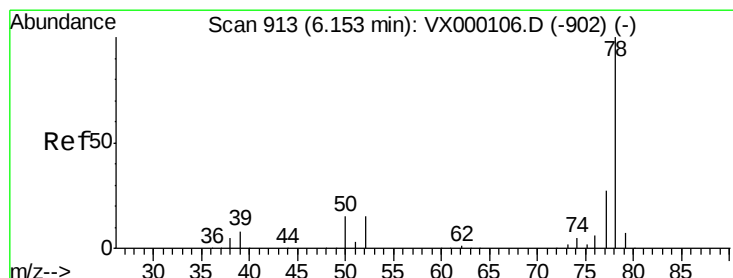
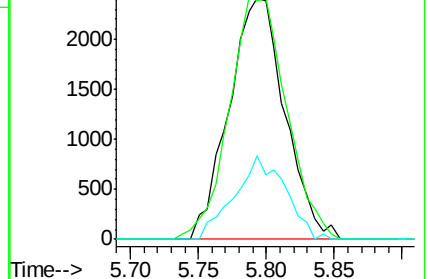
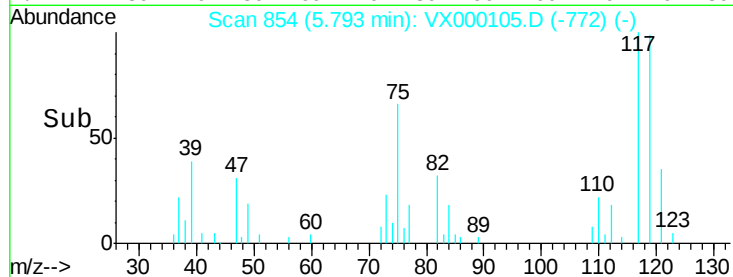
121 34.7 24.6 37.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 7.46 ug/l

RT: 6.16 min Scan# 914

Delta R.T. 0.01 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

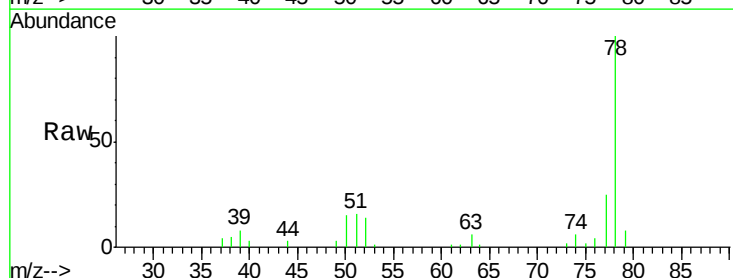
Tgt Ion: 78 Resp: 20855

Ion Ratio Lower Upper

78 100

77 25.2 21.7 32.5

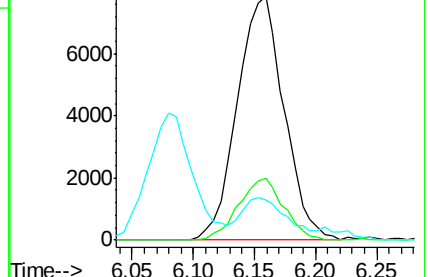
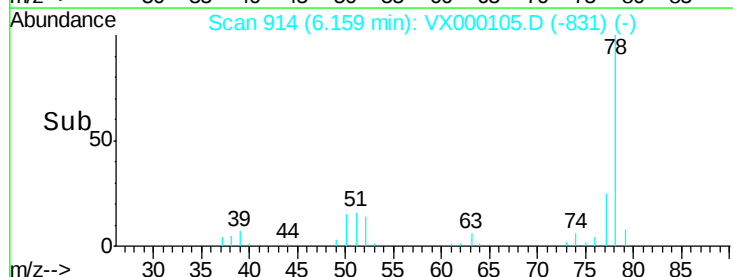
51 12.8 14.9 22.3#

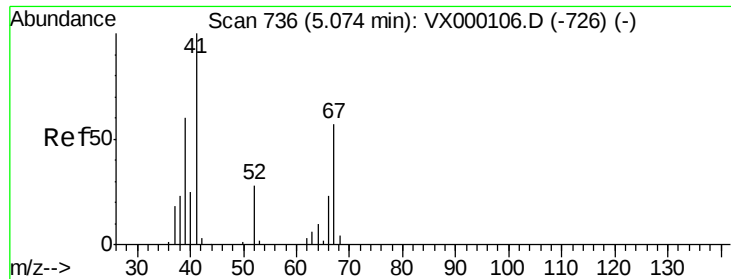


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

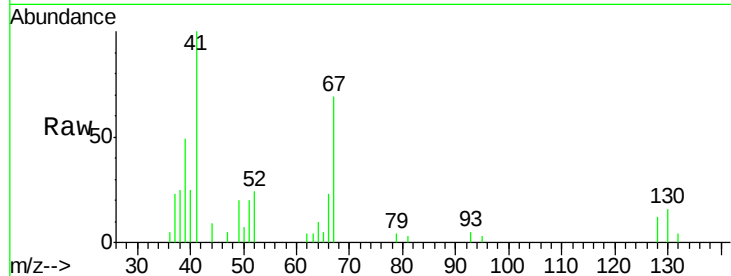




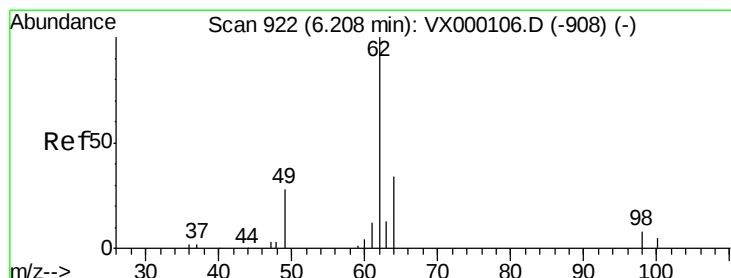
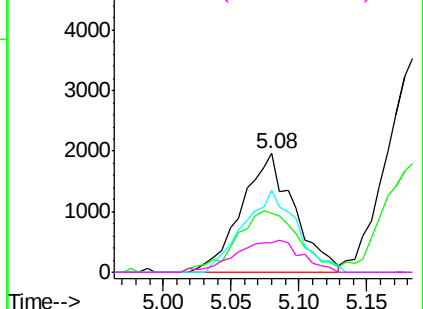
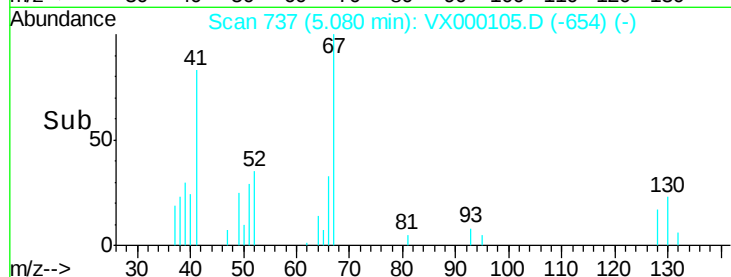
#35
Methacrylonitrile
Concen: 7.83 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

Tgt Ion:	41	Resp:	5332
Ion	Ratio	Lower	Upper
41	100		
39	45.7	29.8	89.3
67	69.1	28.7	86.3
52	24.3	14.0	41.9

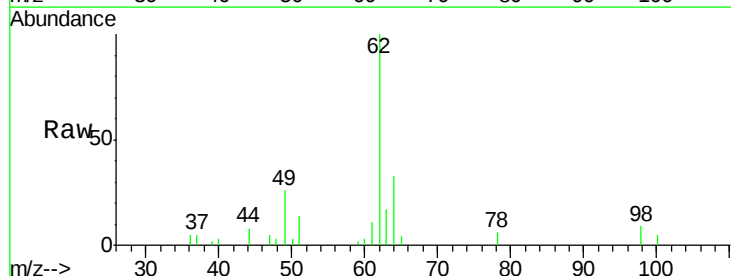


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

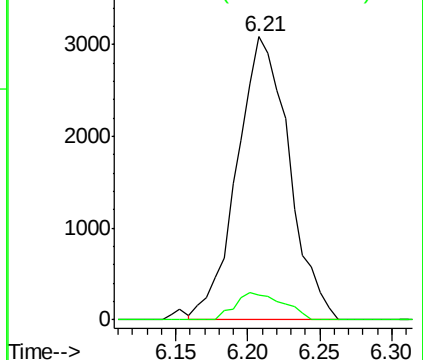
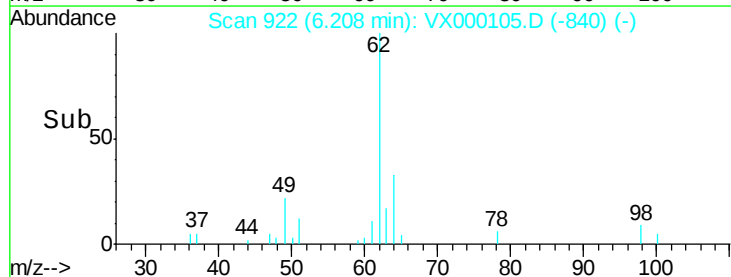


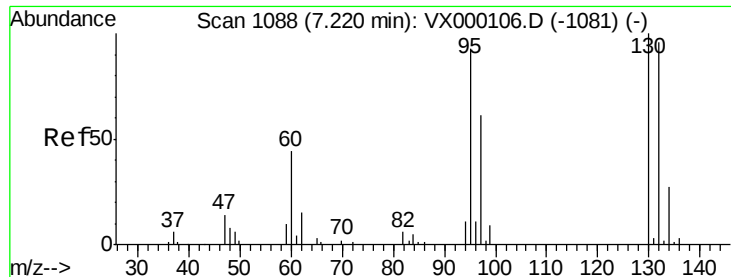
#36
1,2-Dichloroethane
Concen: 7.33 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Tgt Ion:	62	Resp:	7733
Ion	Ratio	Lower	Upper
62	100		
98	8.8	6.9	10.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

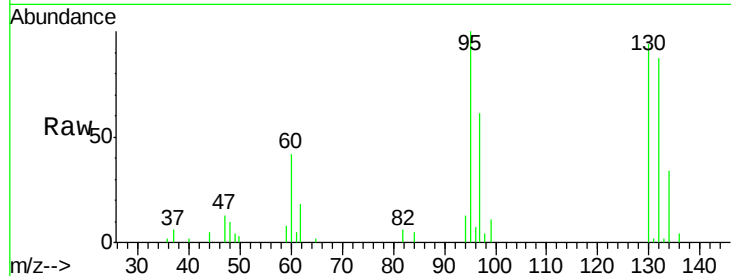




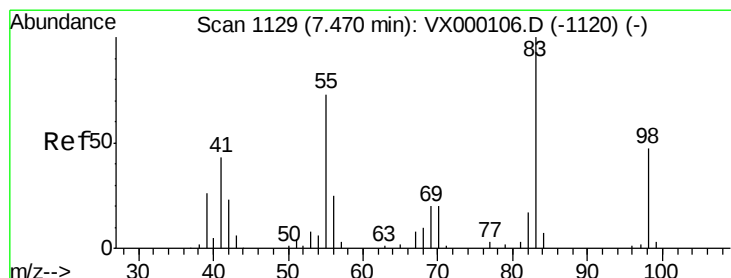
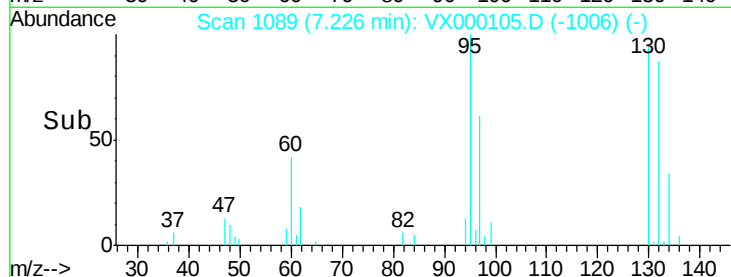
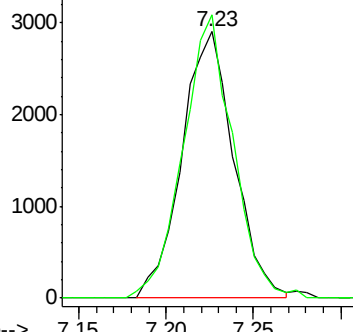
#37
 Trichloroethene
 Concen: 7.23 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion: 130 Resp: 6011
 Ion Ratio Lower Upper
 130 100
 95 104.0 74.6 112.0

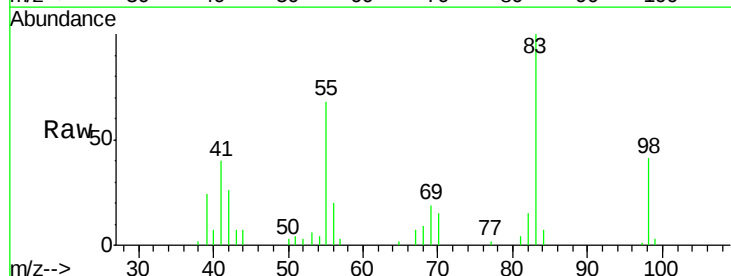


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

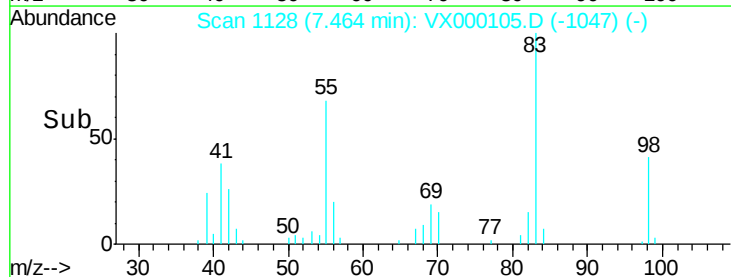
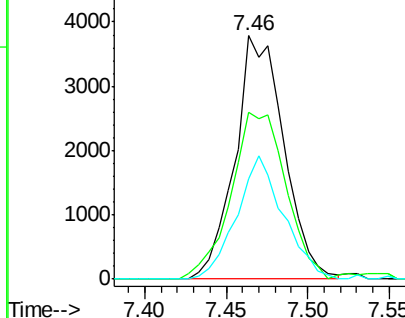


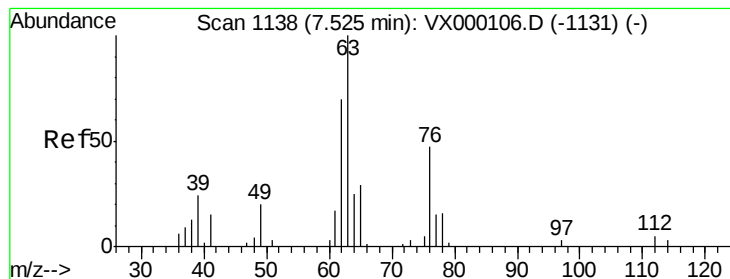
#38
 Methylcyclohexane
 Concen: 7.01 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

Tgt Ion: 83 Resp: 7899
 Ion Ratio Lower Upper
 83 100
 55 76.6 35.9 107.7
 98 48.3 24.6 74.0



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





#39

1,2-Dichloropropane

Concen: 7.24 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampled :

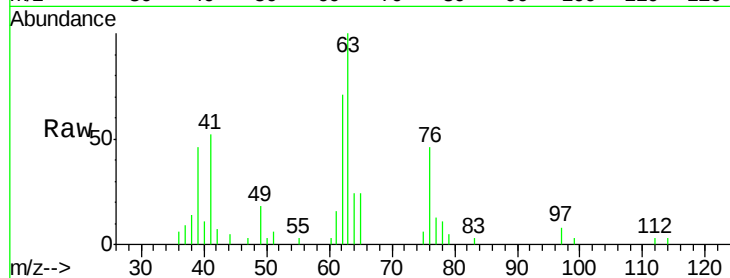
VSTDIC010

Tgt Ion: 63 Resp: 5116

Ion Ratio Lower Upper

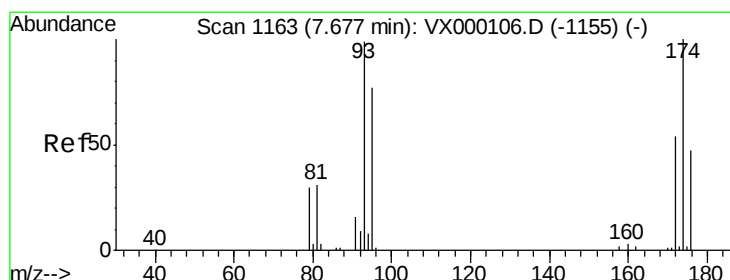
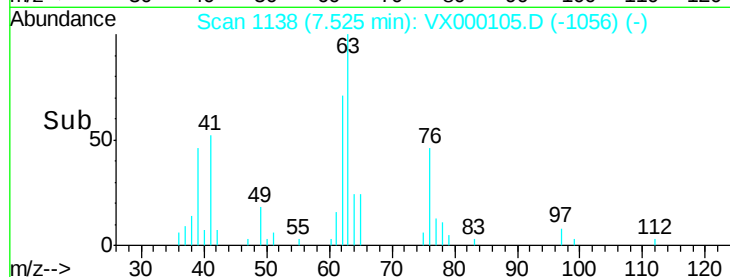
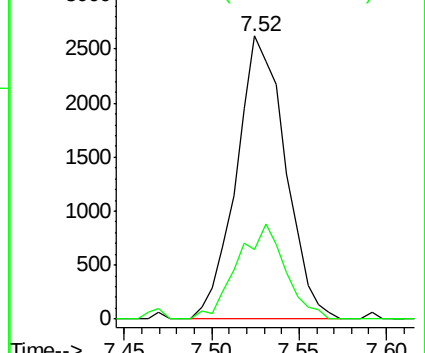
63 100

65 24.4 25.0 37.6#



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 7.65 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.01 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

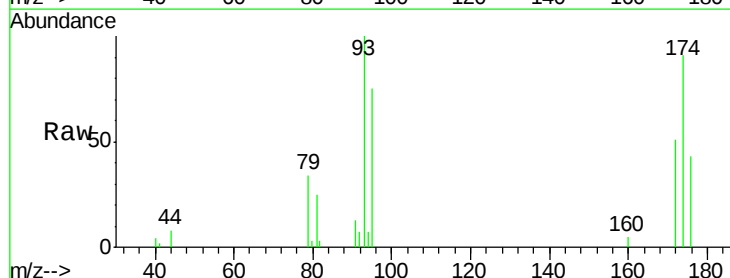
Tgt Ion: 93 Resp: 4059

Ion Ratio Lower Upper

93 100

95 82.9 0.0 170.6

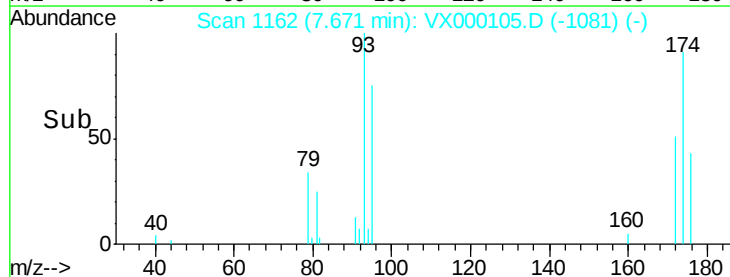
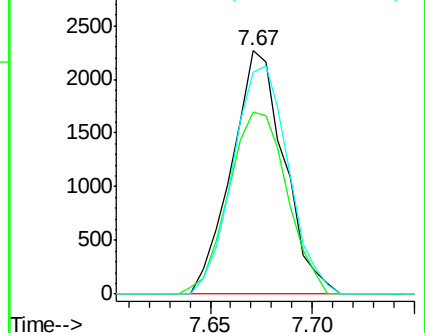
174 98.6 0.0 210.4

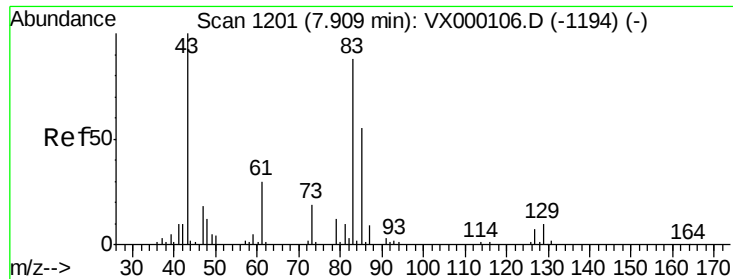


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 6.97 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

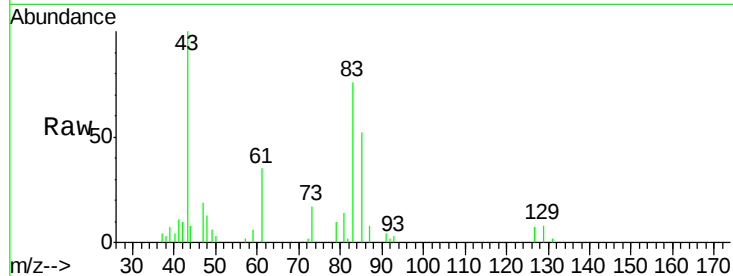
Tgt Ion: 83 Resp: 7140

Ion Ratio Lower Upper

83 100

85 69.3 50.0 75.0

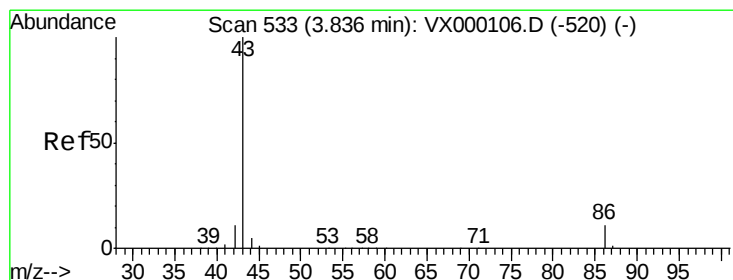
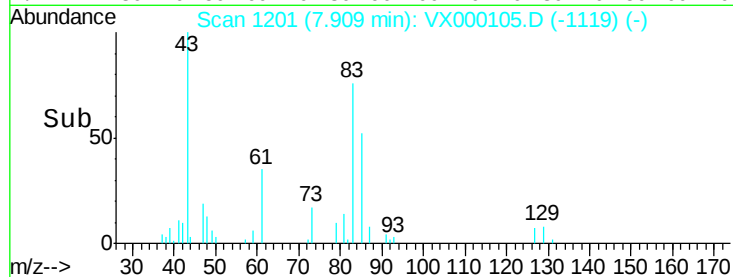
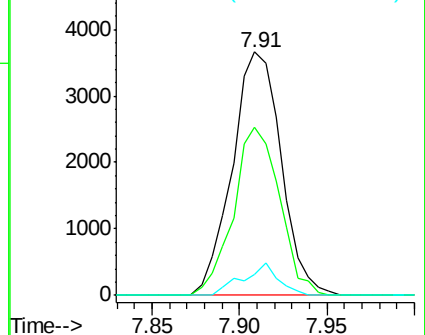
127 8.7 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 44.16 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000105.D

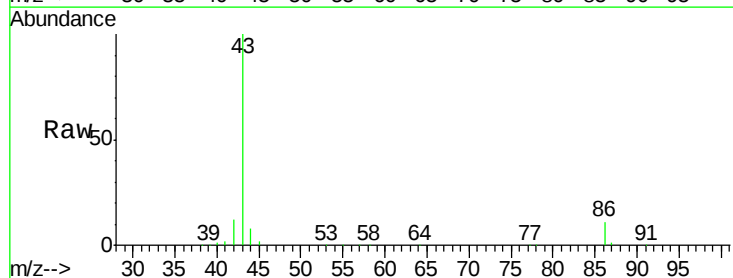
Acq: 20 Feb 2018 13:27

Tgt Ion: 43 Resp: 81143

Ion Ratio Lower Upper

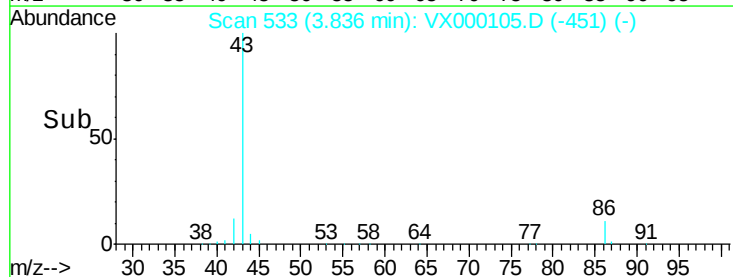
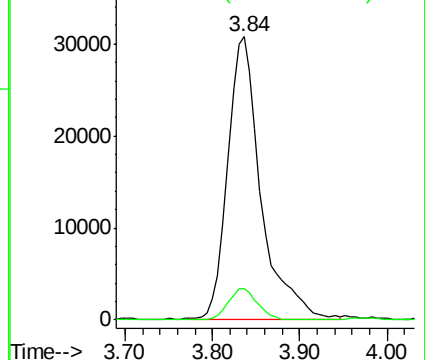
43 100

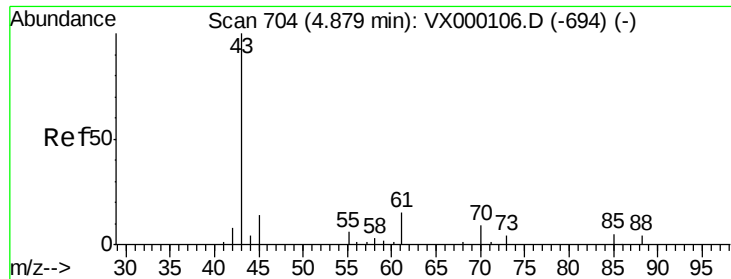
86 9.8 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 7.61 ug/l

RT: 4.88 min Scan# 704

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

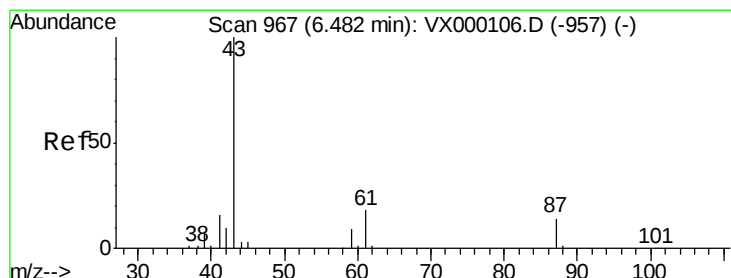
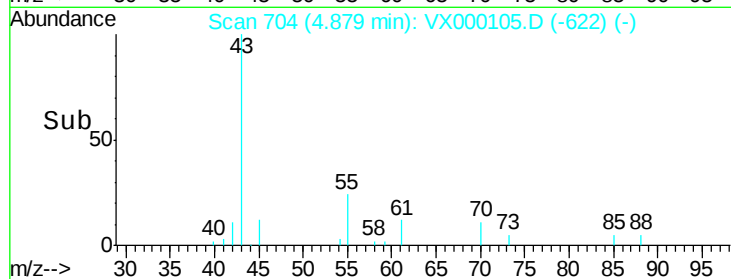
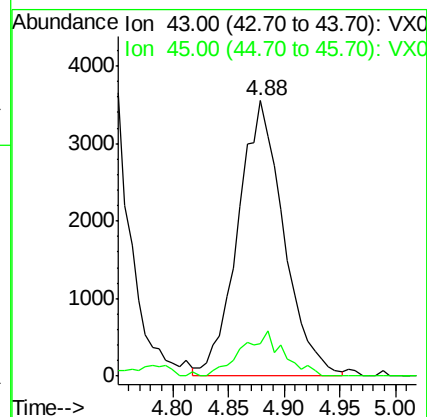
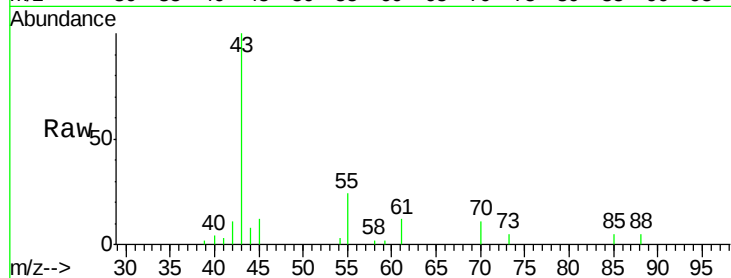
VSTDIC010

Tgt Ion: 43 Resp: 10163

Ion Ratio Lower Upper

43 100

45 5.9 11.4 17.0#



#44

Isopropyl Acetate

Concen: 7.64 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000105.D

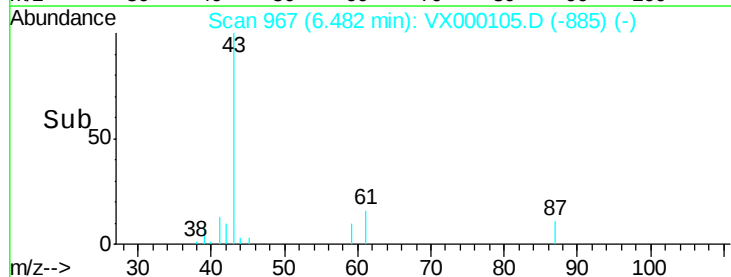
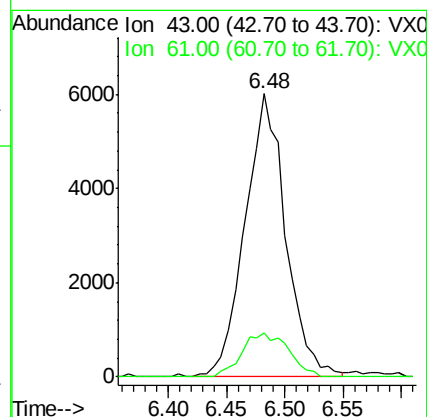
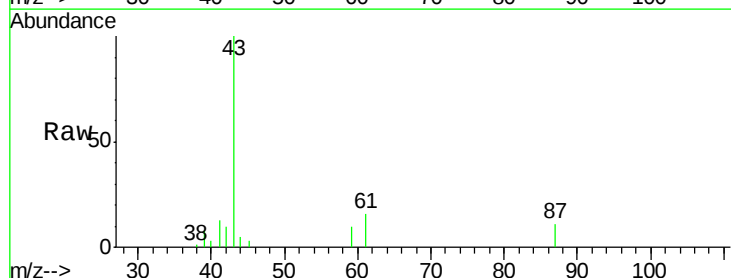
Acq: 20 Feb 2018 13:27

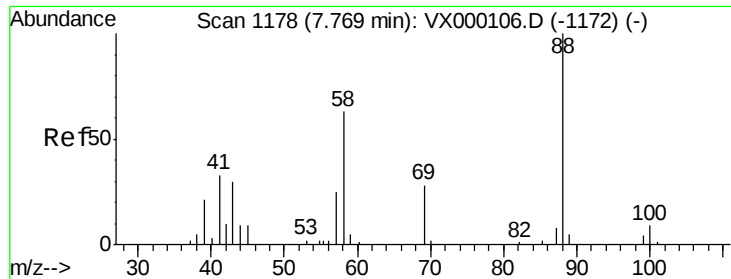
Tgt Ion: 43 Resp: 14577

Ion Ratio Lower Upper

43 100

61 11.4 15.7 23.5#

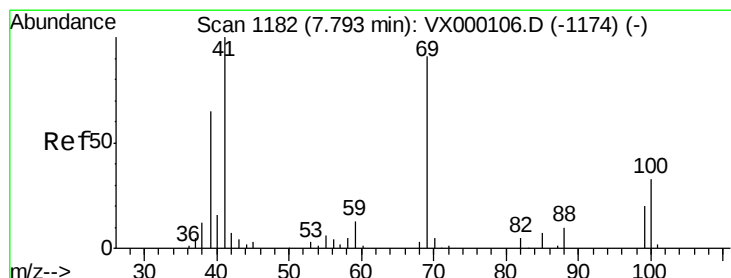
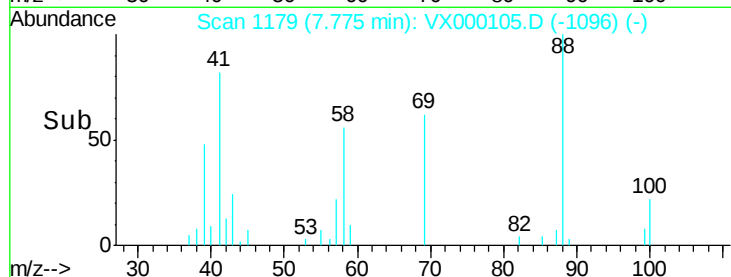
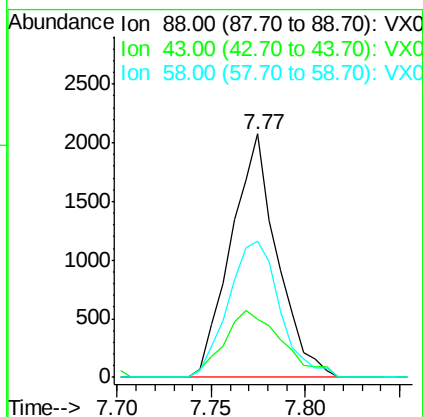
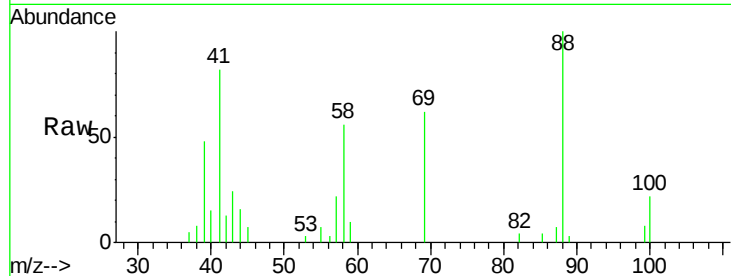




#45
1,4-Dioxane
Concen: 149.16 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

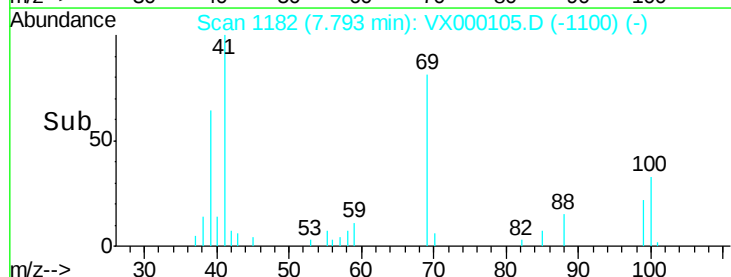
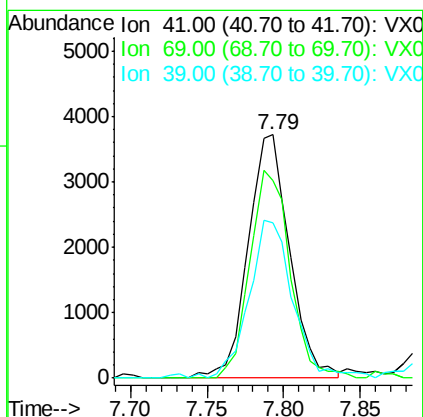
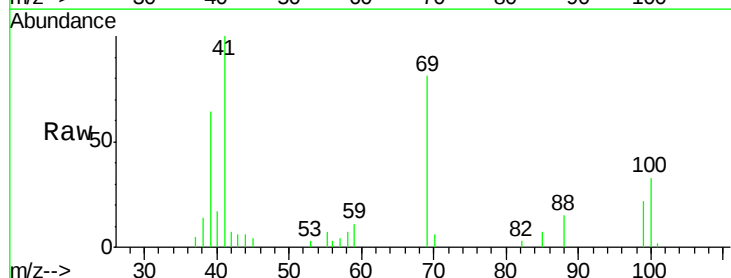
Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

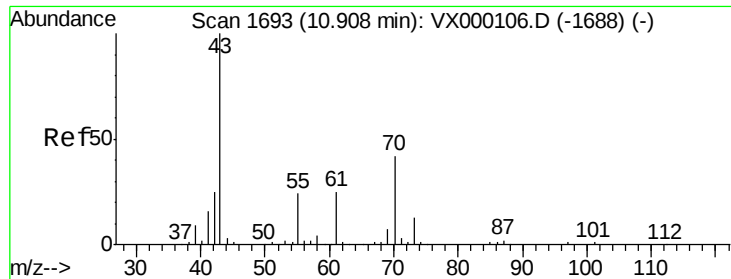
Tgt Ion: 88 Resp: 3523
Ion Ratio Lower Upper
88 100
43 33.7 26.8 40.2
58 62.6 52.1 78.1



#46
Methyl methacrylate
Concen: 7.57 ug/l
RT: 7.79 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Tgt Ion: 41 Resp: 7049
Ion Ratio Lower Upper
41 100
69 81.1 45.5 136.5
39 63.7 32.5 97.5

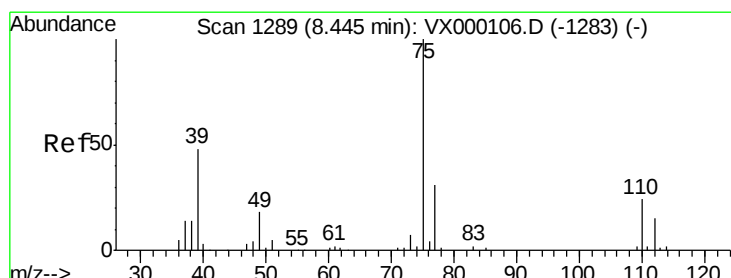
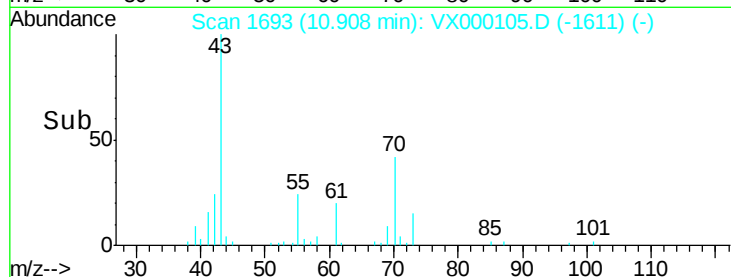
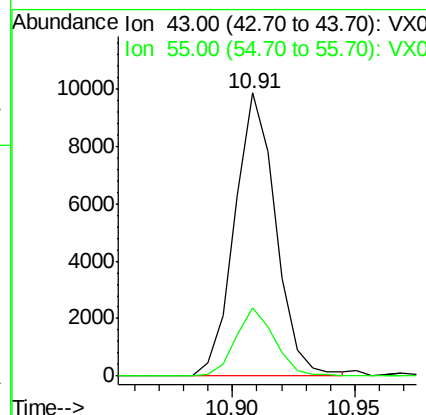
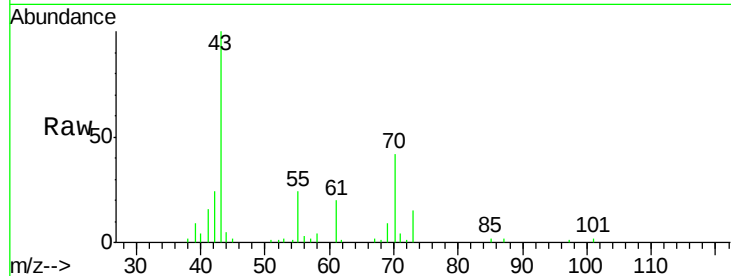




#47
n-amy1 Acetate
Concen: 7.02 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

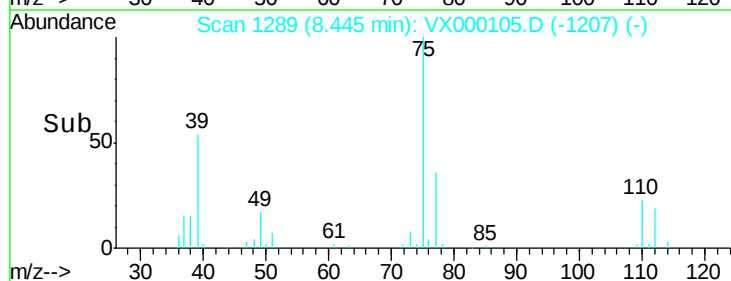
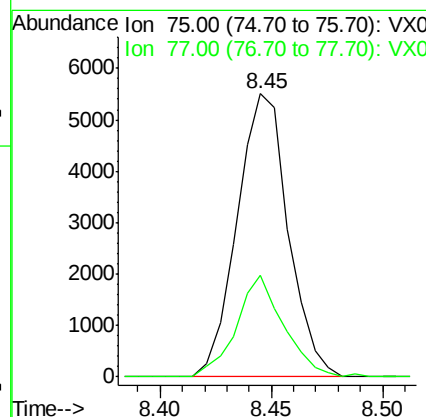
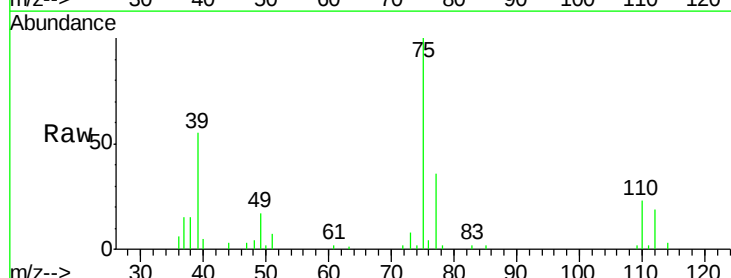
Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

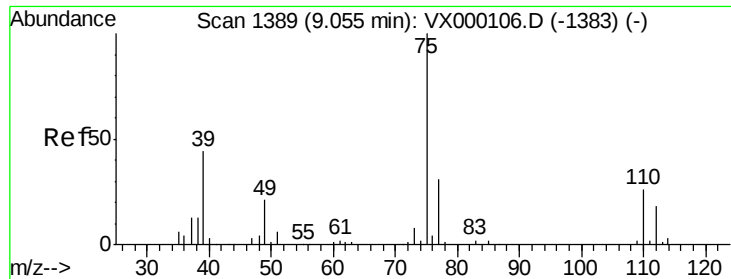
Tgt Ion: 43 Resp: 11507
Ion Ratio Lower Upper
43 100
55 22.9 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 7.35 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Tgt Ion: 75 Resp: 8839
Ion Ratio Lower Upper
75 100
77 36.1 24.6 37.0

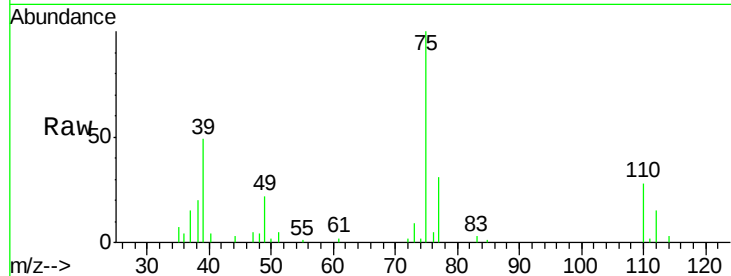




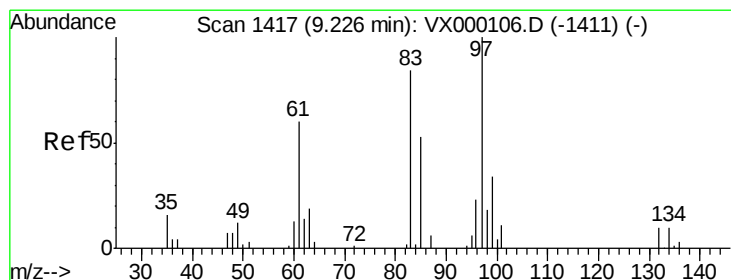
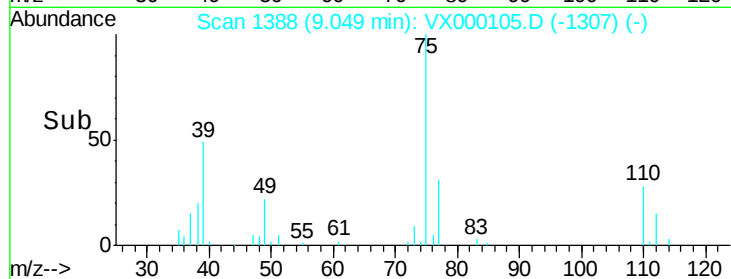
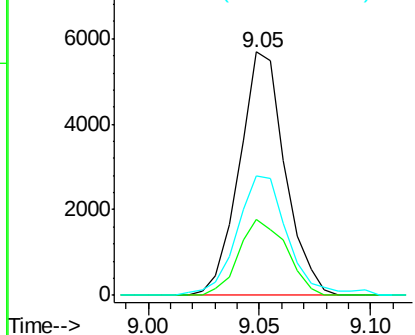
#49
 cis-1,3-Dichloropropene
 Concen: 7.03 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion: 75 Resp: 8163
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.5 36.7
 39 48.0 35.6 53.4

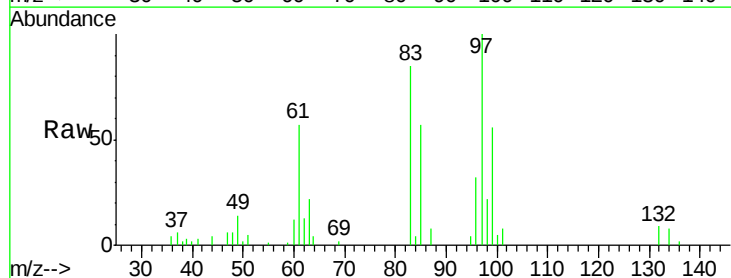


Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

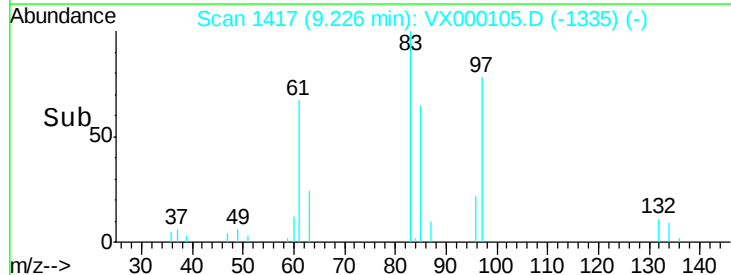
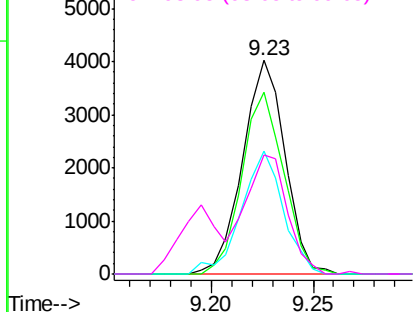


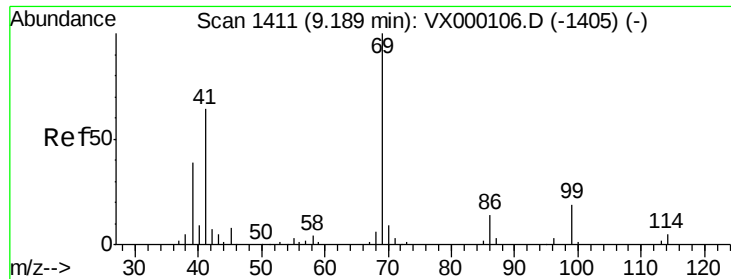
#50
 1,1,2-Trichloroethane
 Concen: 7.60 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

Tgt Ion: 97 Resp: 5818
 Ion Ratio Lower Upper
 97 100
 83 85.1 66.9 100.3
 85 57.5 44.4 66.6
 99 55.6 50.0 75.0



Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 6.97 ug/l

RT: 9.20 min Scan# 1412

Delta R.T. 0.01 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

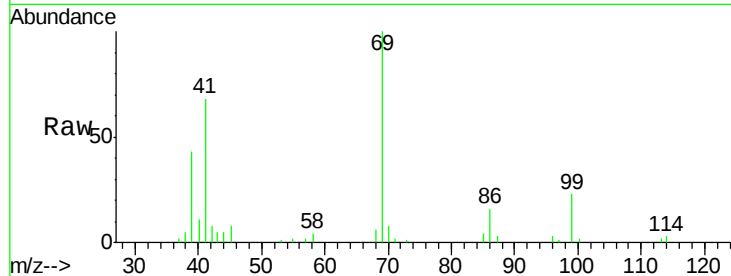
Tgt Ion: 69 Resp: 8133

Ion Ratio Lower Upper

69 100

41 68.4 32.1 96.3

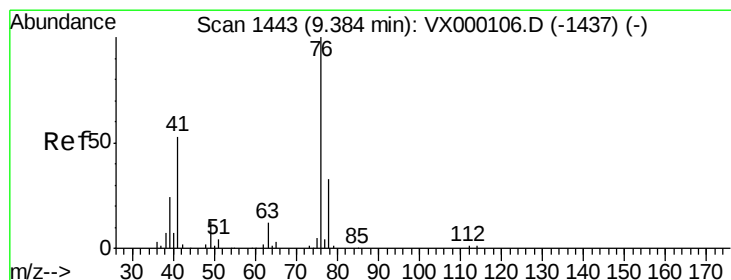
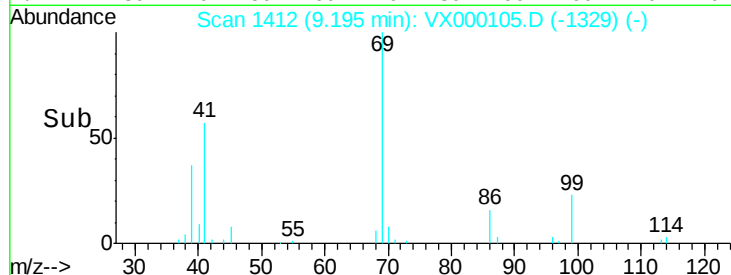
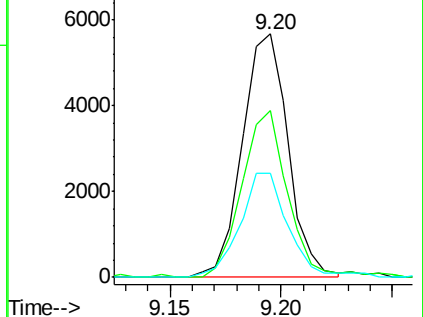
39 42.5 19.6 58.7



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 7.29 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VX000105.D

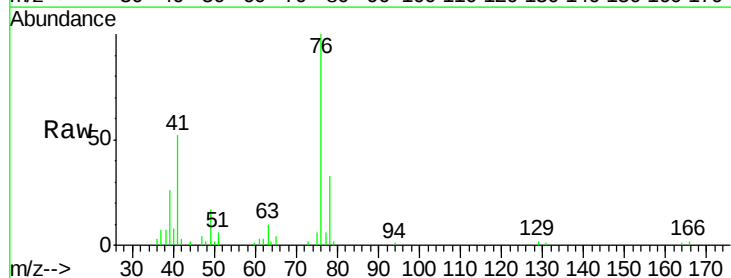
Acq: 20 Feb 2018 13:27

Tgt Ion: 76 Resp: 9275

Ion Ratio Lower Upper

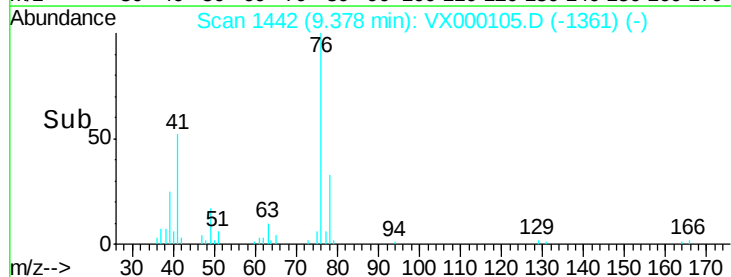
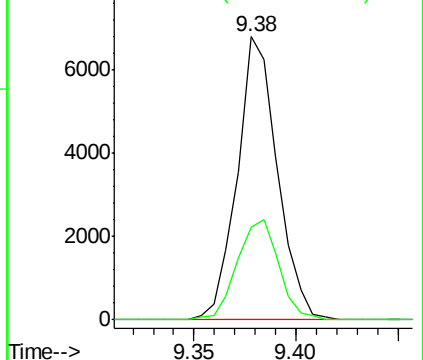
76 100

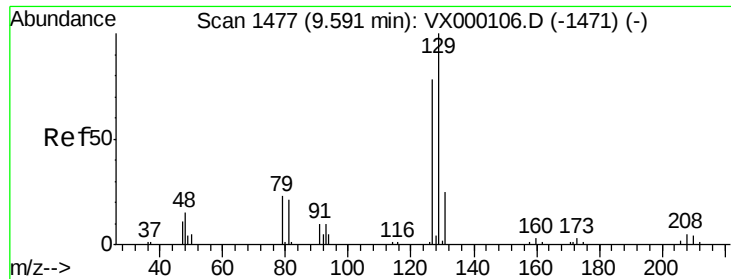
78 36.8 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

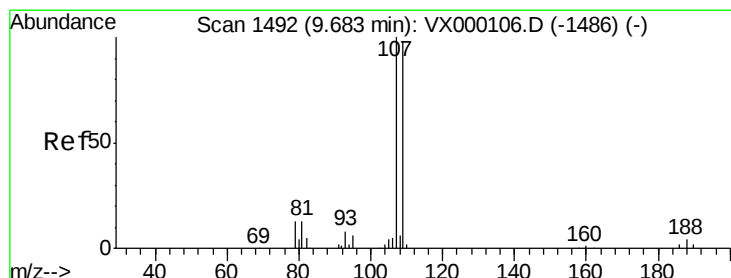
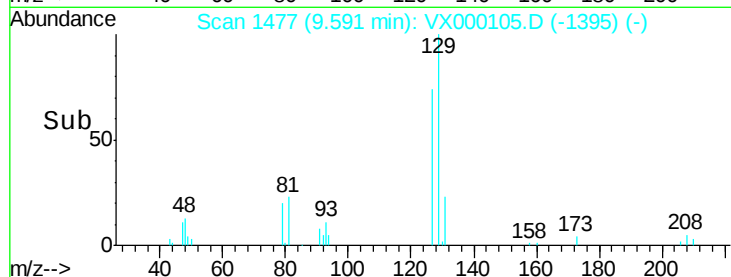
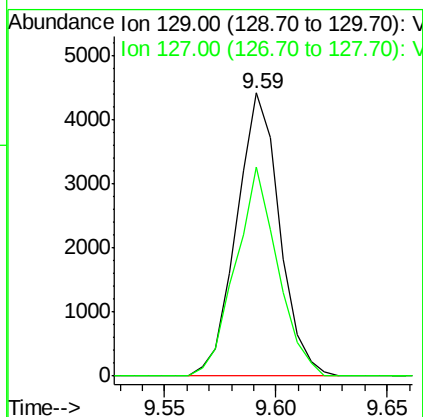
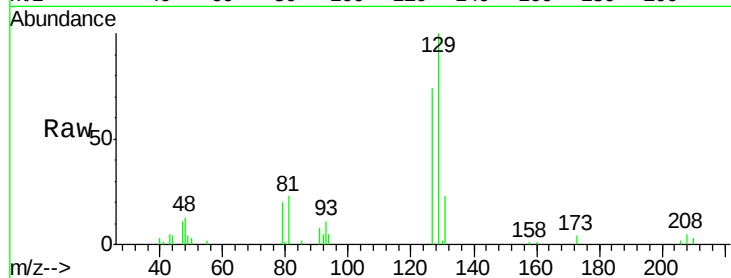




#53
Dibromochloromethane
Concen: 6.86 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

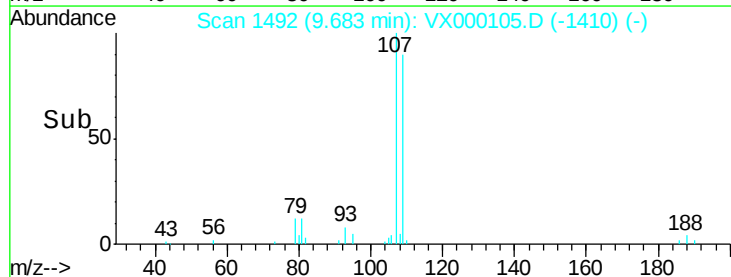
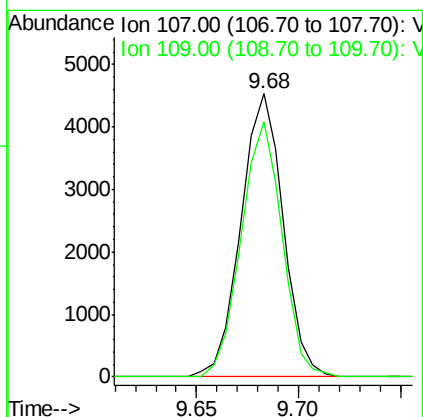
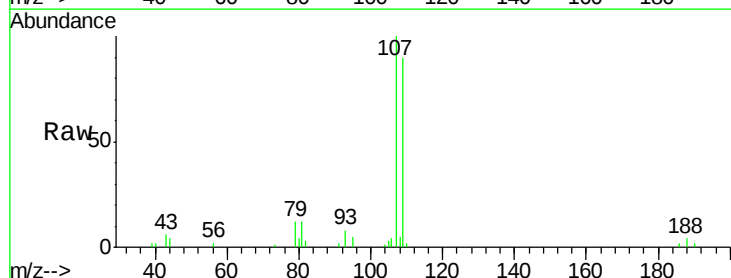
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

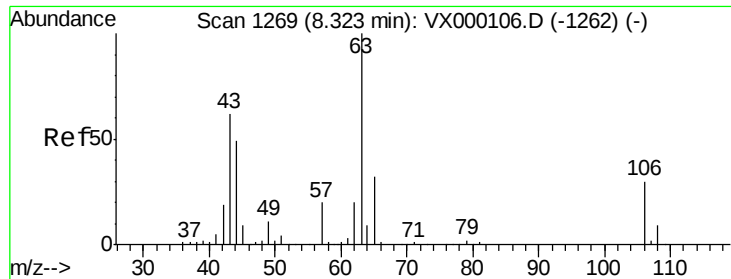
Tgt Ion:129 Resp: 5954
Ion Ratio Lower Upper
129 100
127 72.4 37.5 112.5



#54
1,2-Dibromoethane
Concen: 7.46 ug/l
RT: 9.68 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Tgt Ion:107 Resp: 6514
Ion Ratio Lower Upper
107 100
109 87.3 74.5 111.7

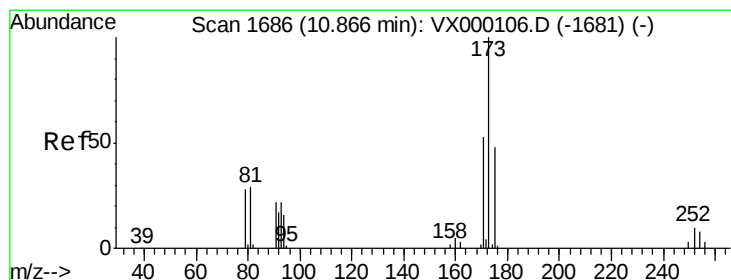
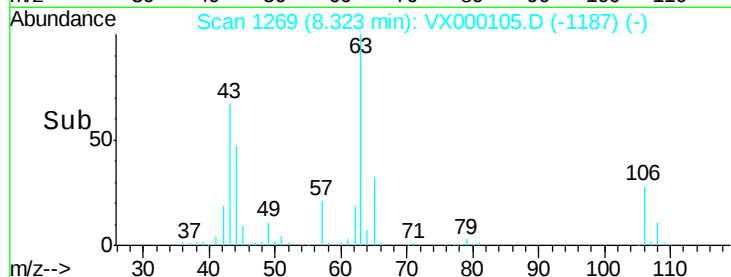
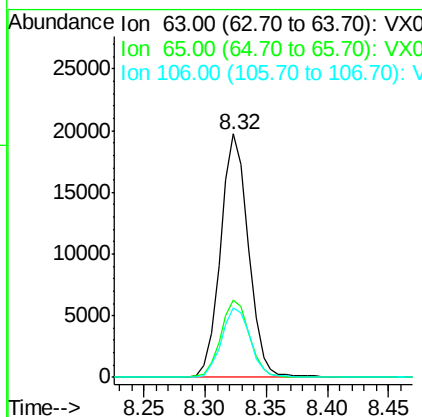
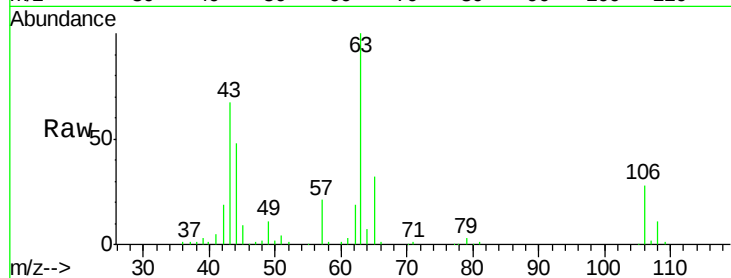




#55
2-Chloroethyl vinyl ether
Concen: 52.51 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

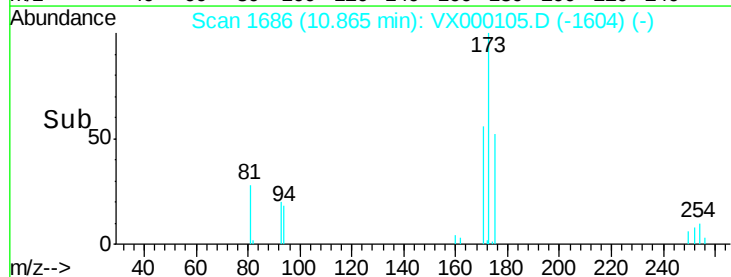
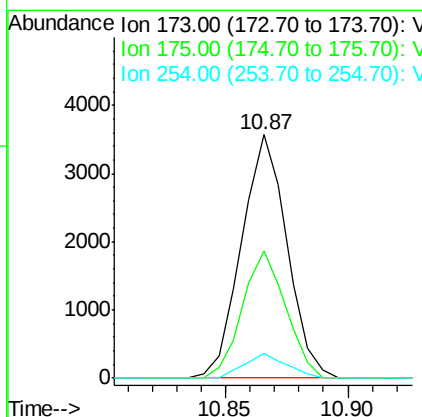
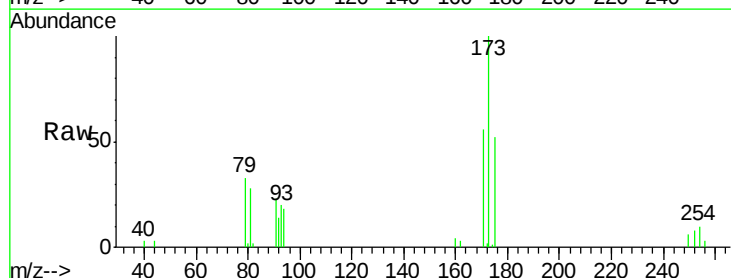
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

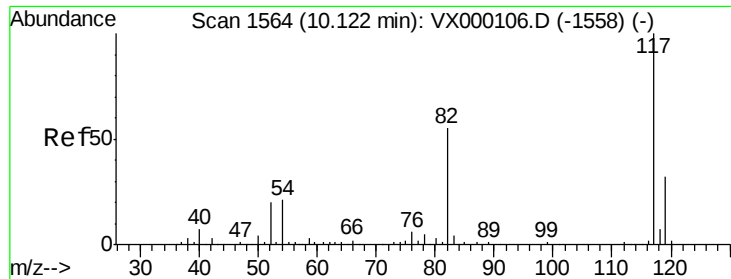
Tgt Ion: 63 Resp: 31238
Ion Ratio Lower Upper
63 100
65 32.4 25.8 38.8
106 29.4 23.8 35.6



#56
Bromoform
Concen: 6.71 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Tgt Ion: 173 Resp: 4627
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.4
254 9.2 7.0 10.4

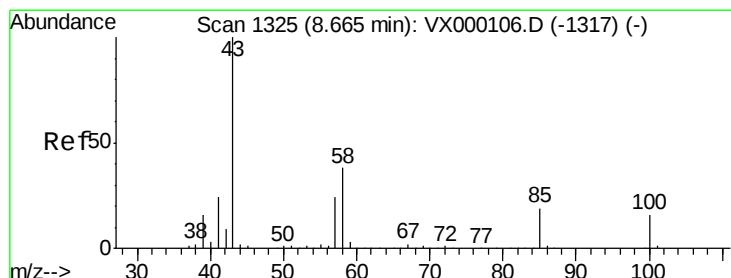
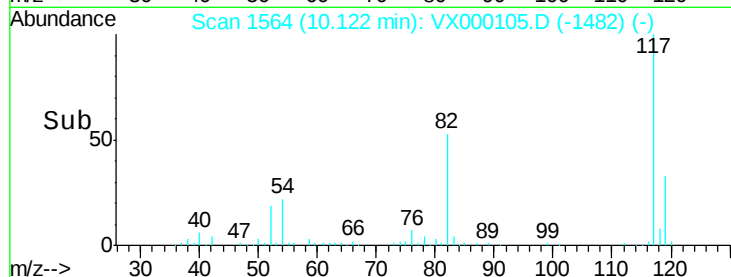
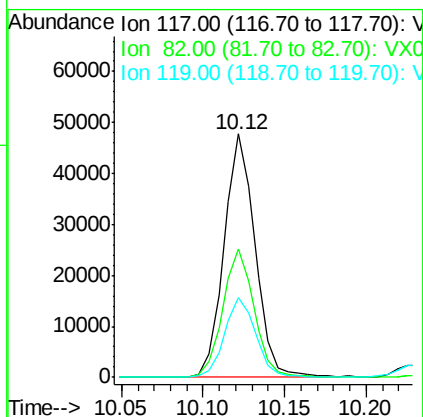
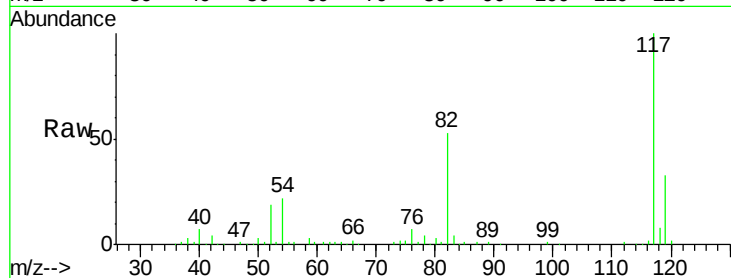




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

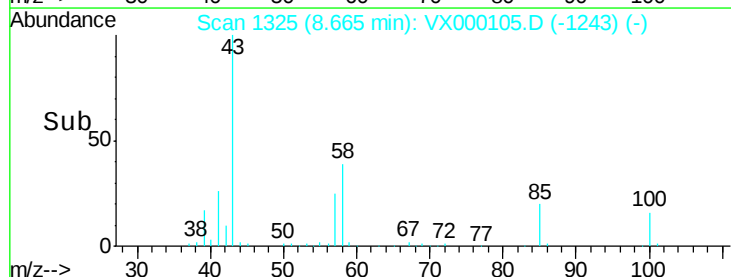
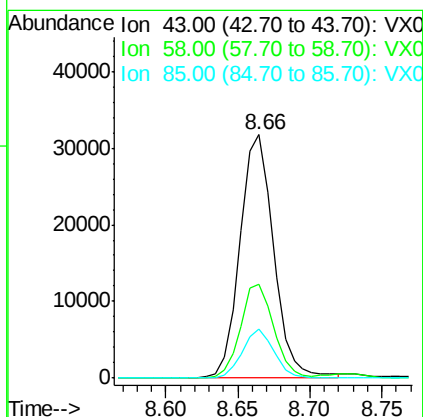
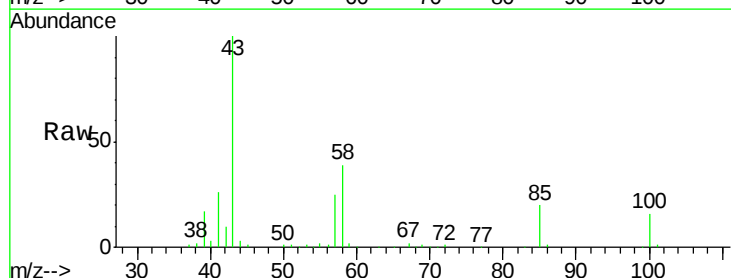
Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

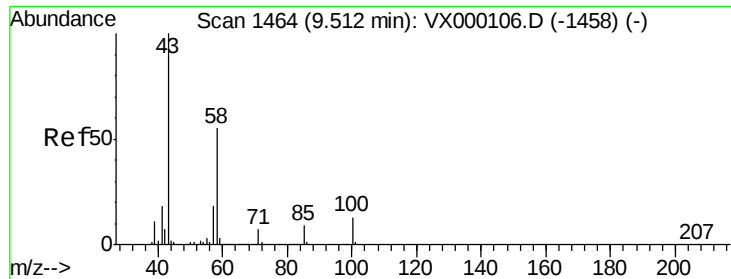
Tgt Ion: 117 Resp: 63277
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.7 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 36.22 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Tgt Ion: 43 Resp: 51634
Ion Ratio Lower Upper
43 100
58 37.9 29.8 44.8
85 19.0 14.9 22.3

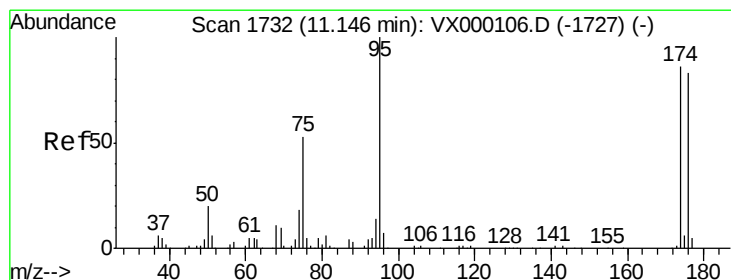
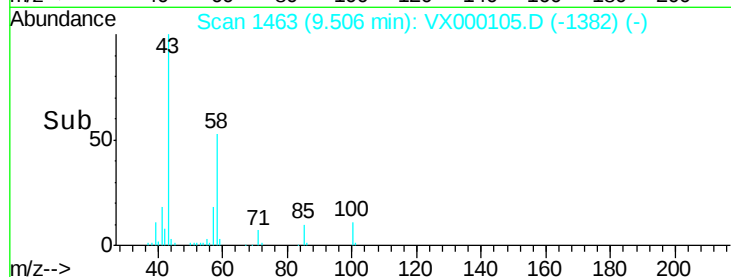
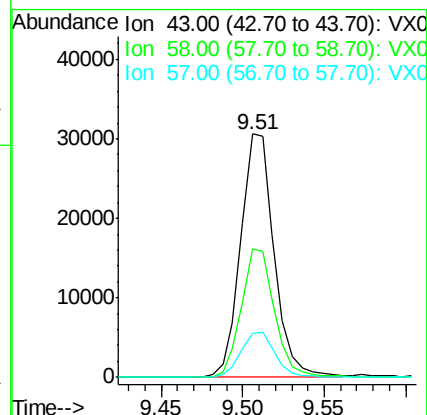
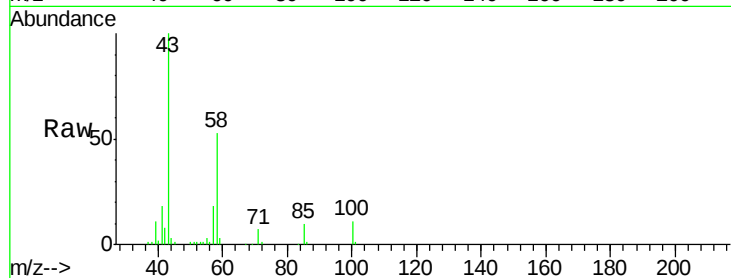




#59
2-Hexanone
Concen: 36.19 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

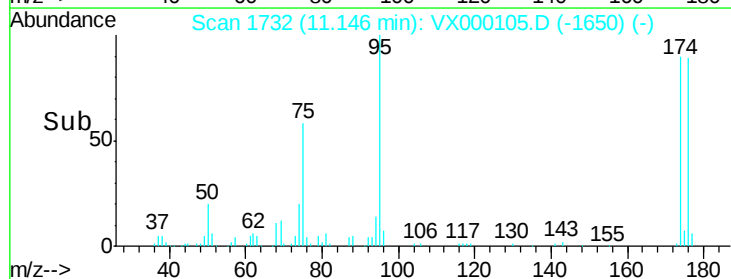
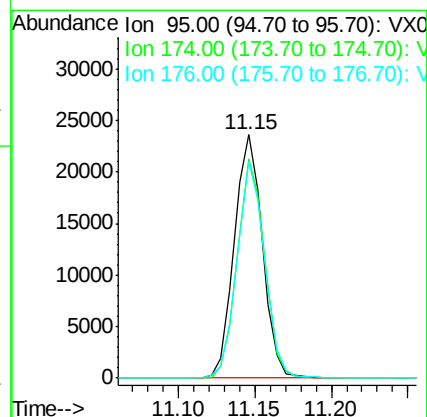
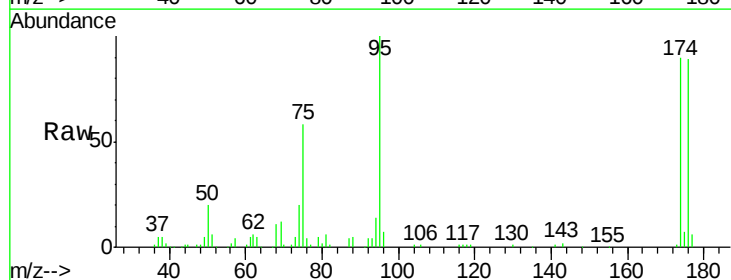
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

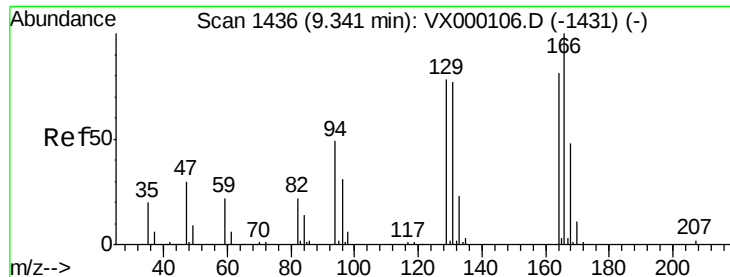
Tgt Ion: 43 Resp: 43938
Ion Ratio Lower Upper
43 100
58 52.5 43.0 64.6
57 19.0 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 29.24 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Tgt Ion: 95 Resp: 30109
Ion Ratio Lower Upper
95 100
174 87.0 71.1 106.7
176 86.9 69.3 103.9





#61

Tetrachloroethene

Concen: 6.59 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion:164 Resp: 5073

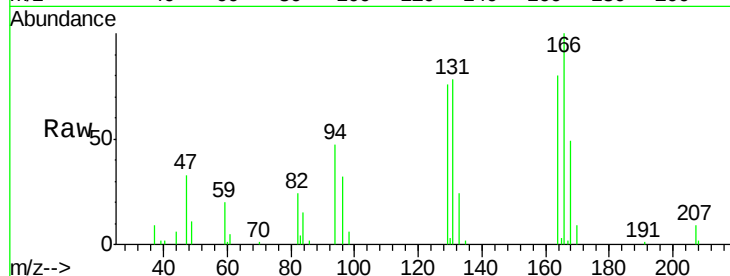
Ion Ratio Lower Upper

164 100

166 125.4 99.0 148.4

129 95.0 77.0 115.6

131 97.5 75.8 113.6

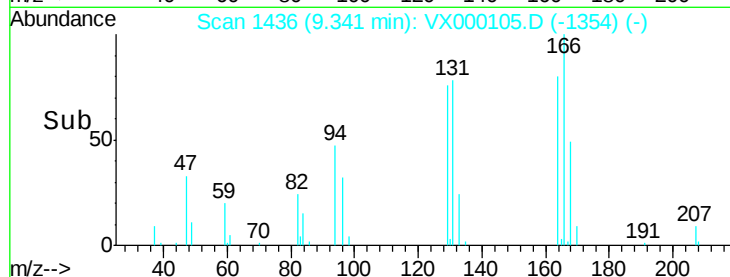


Abundance Ion 163.85 (163.55 to 164.55): V

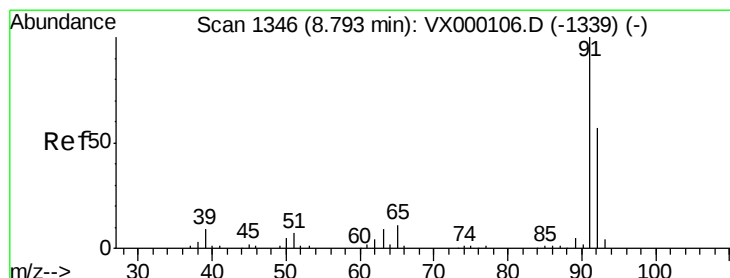
Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



Time-->



#62

Toluene

Concen: 7.16 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000105.D

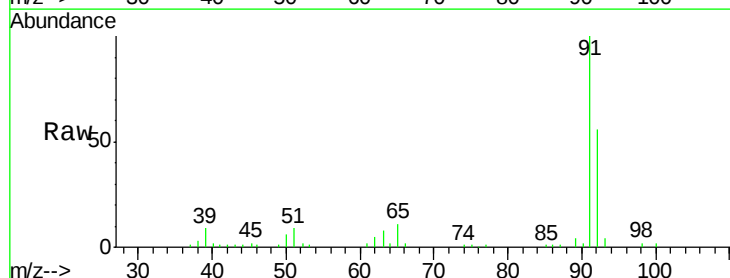
Acq: 20 Feb 2018 13:27

Tgt Ion: 91 Resp: 23827

Ion Ratio Lower Upper

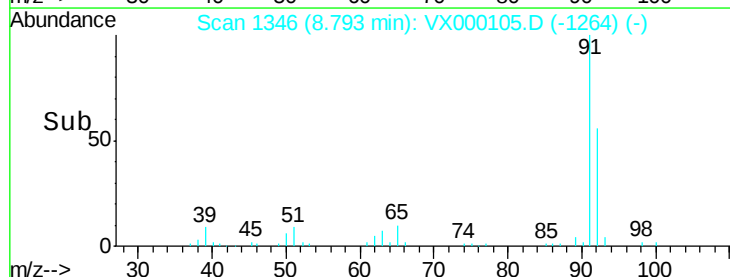
91 100

92 55.8 45.4 68.0

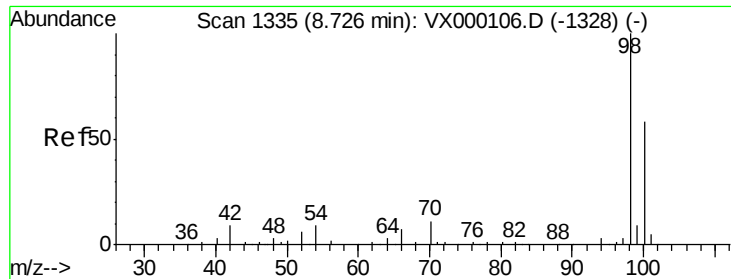


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



Time-->



#63

Toluene-d8

Concen: 30.75 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

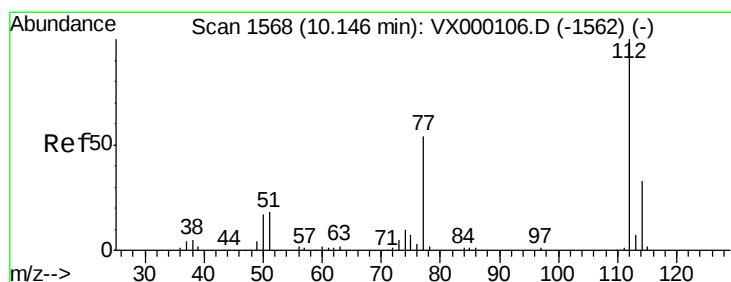
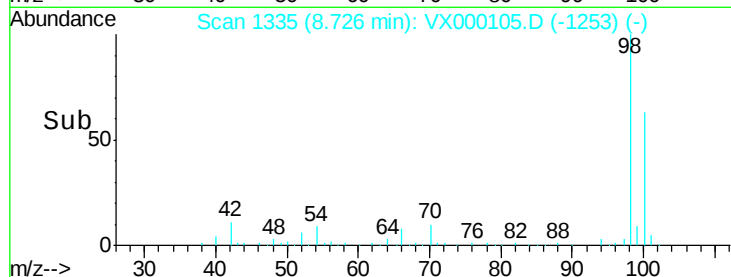
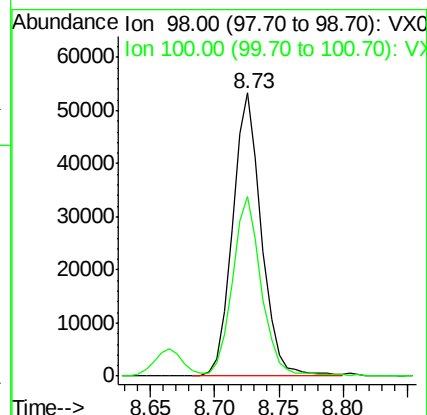
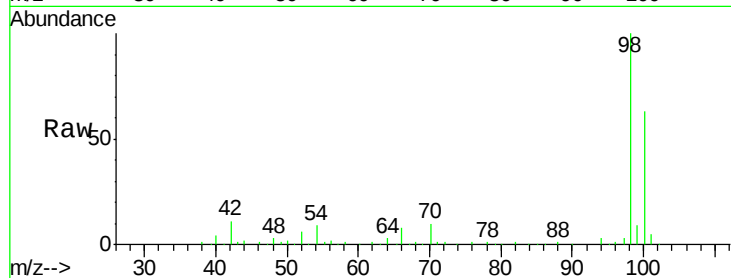
VSTDIC010

Tgt Ion: 98 Resp: 83488

Ion Ratio Lower Upper

98 100

100 63.4 50.0 75.0



#64

Chlorobenzene

Concen: 7.43 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000105.D

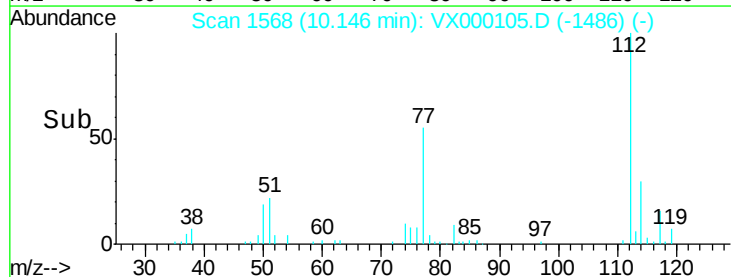
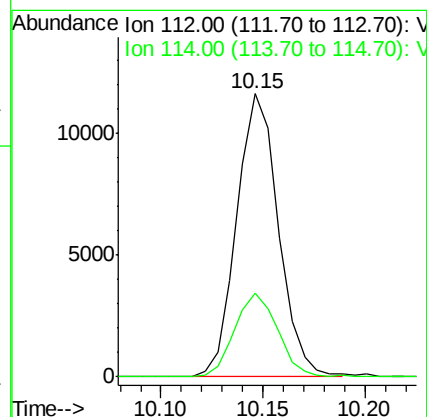
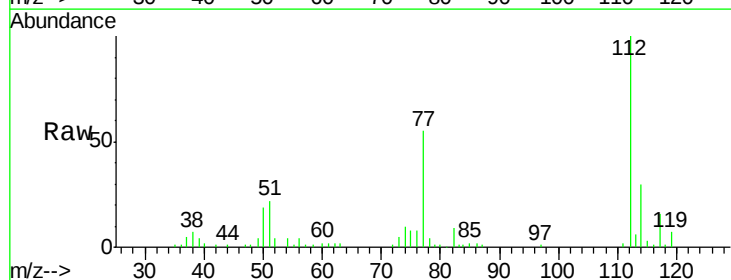
Acq: 20 Feb 2018 13:27

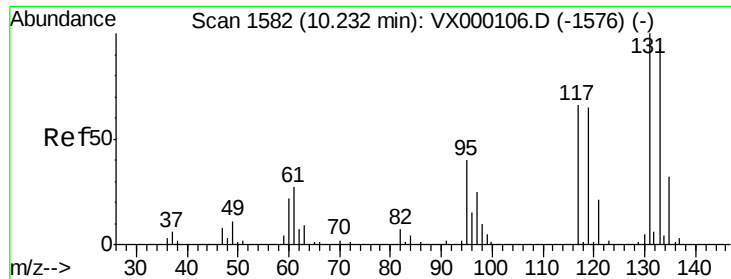
Tgt Ion: 112 Resp: 16469

Ion Ratio Lower Upper

112 100

114 29.6 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 6.77 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

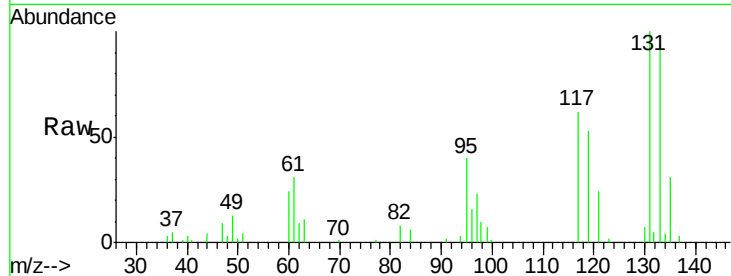
Tgt Ion:131 Resp: 5353

Ion Ratio Lower Upper

131 100

133 101.1 0.0 187.6

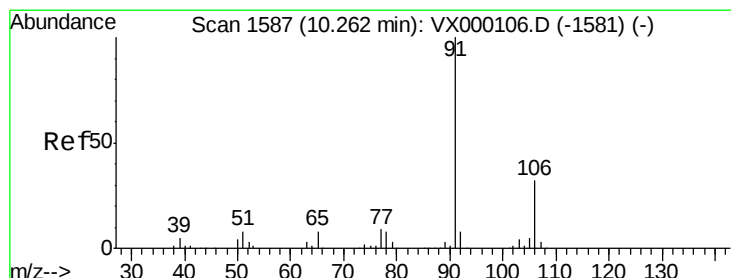
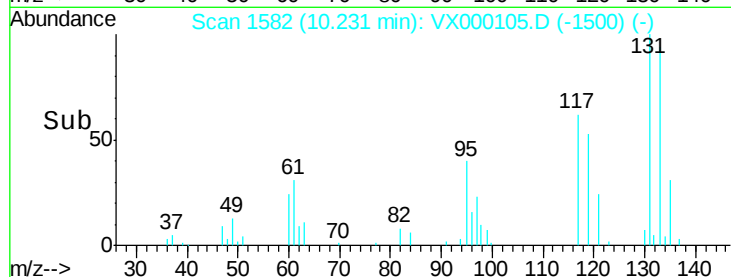
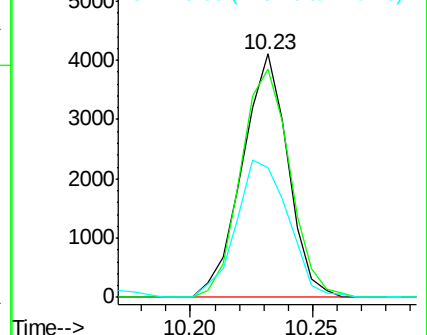
119 64.4 0.0 134.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 7.05 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000105.D

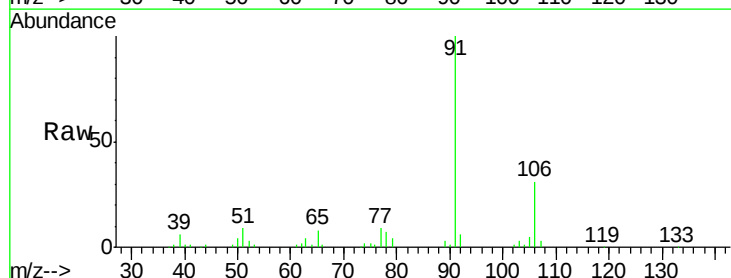
Acq: 20 Feb 2018 13:27

Tgt Ion: 91 Resp: 26921

Ion Ratio Lower Upper

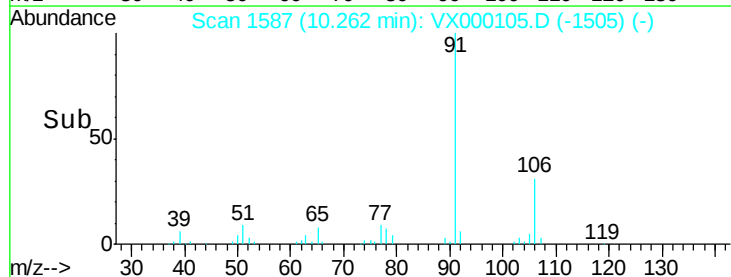
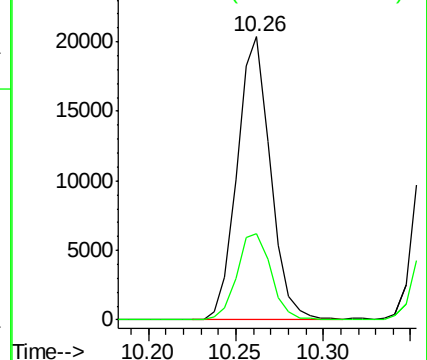
91 100

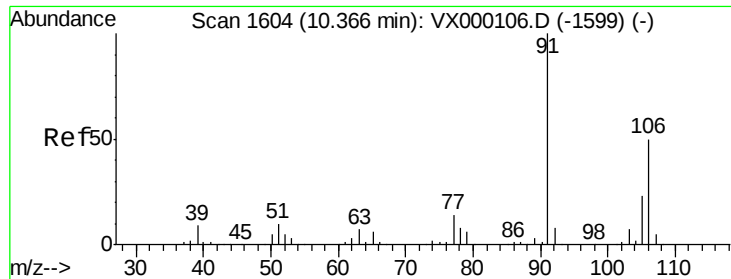
106 30.6 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

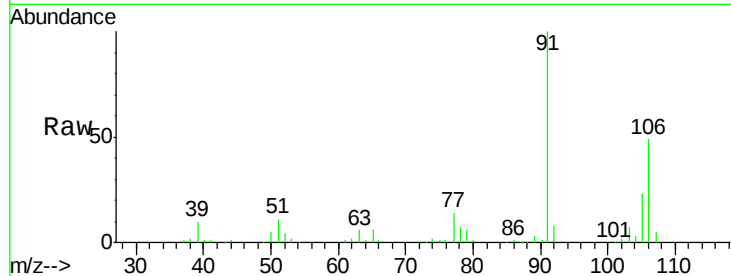




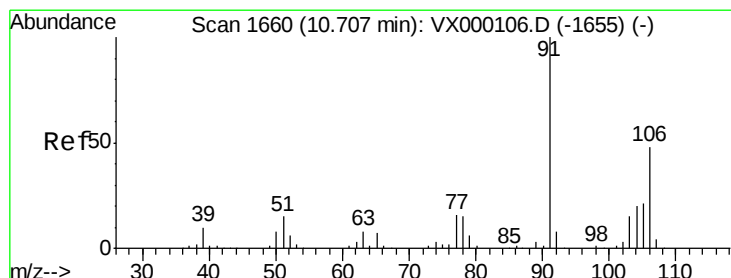
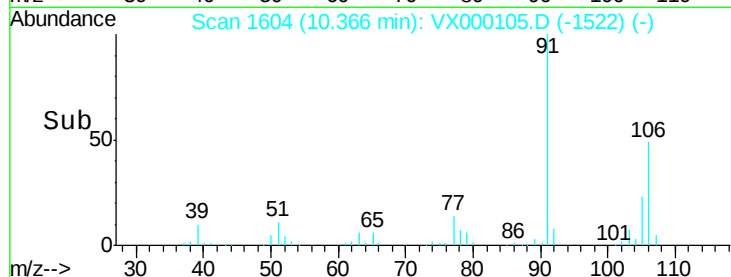
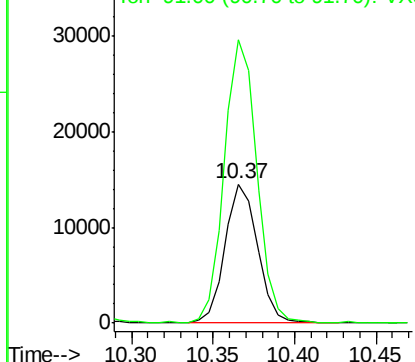
#67
m/p-Xylenes
Concen: 13.81 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 20240
Ion Ratio Lower Upper
106 100
91 203.2 161.6 242.4

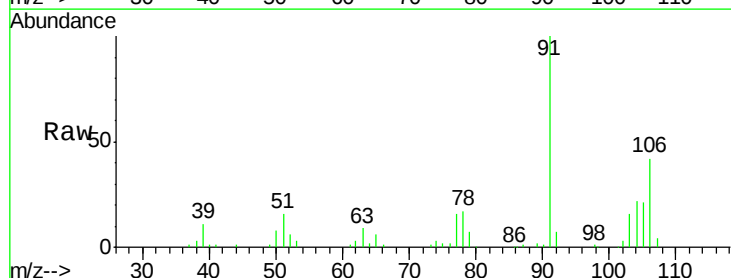


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

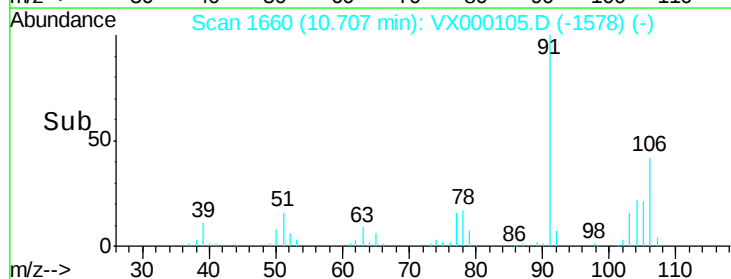
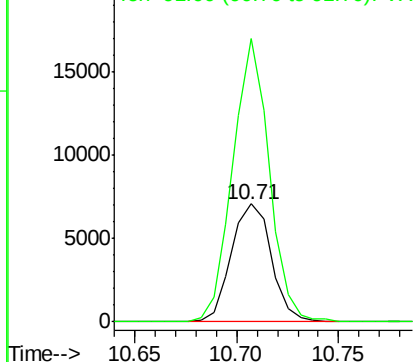


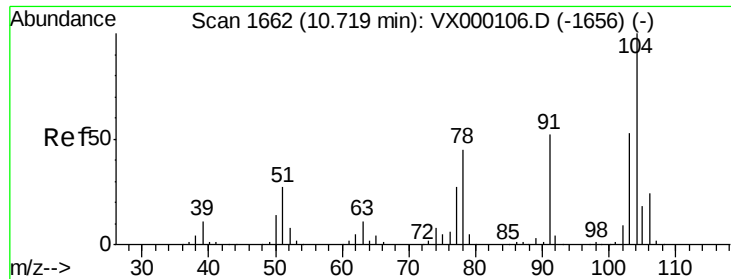
#68
o-Xylene
Concen: 6.71 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Tgt Ion:106 Resp: 9702
Ion Ratio Lower Upper
106 100
91 217.6 105.6 316.8



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

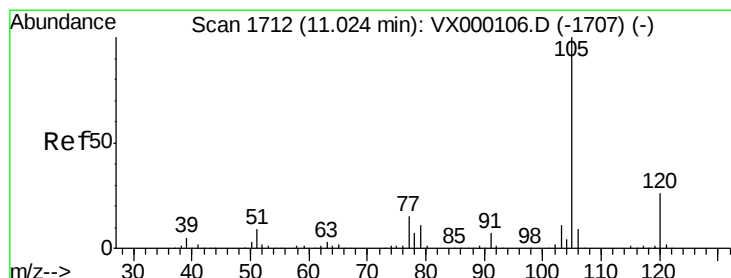
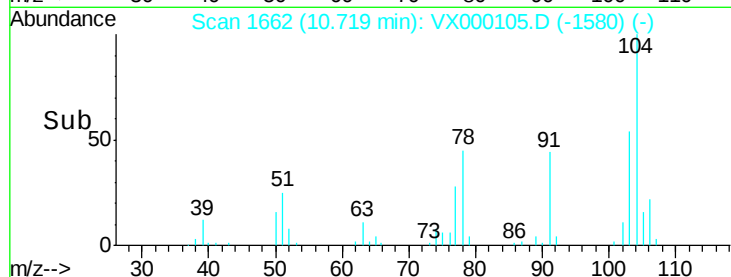
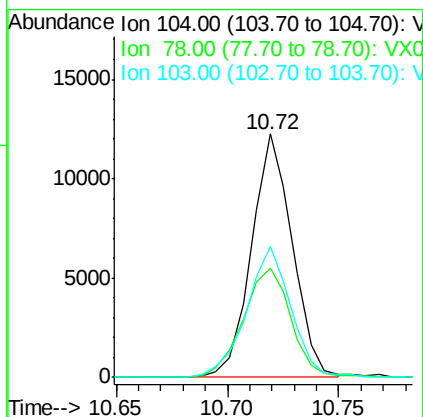
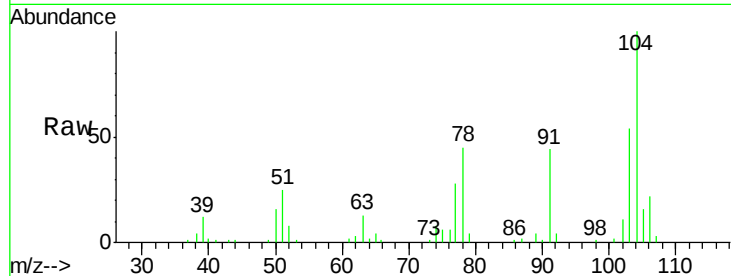




#69
Styrene
Concen: 6.53 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

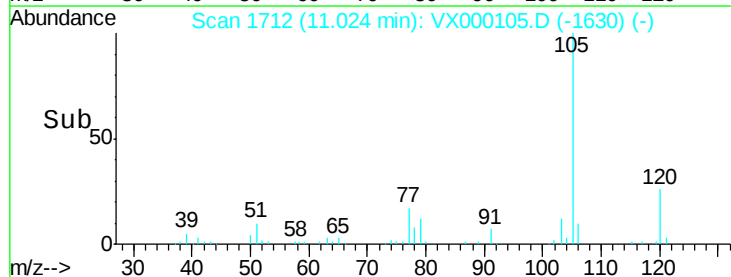
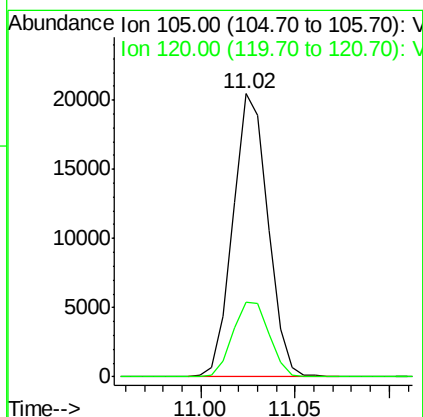
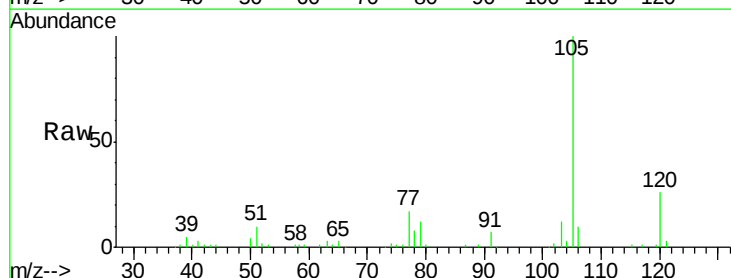
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

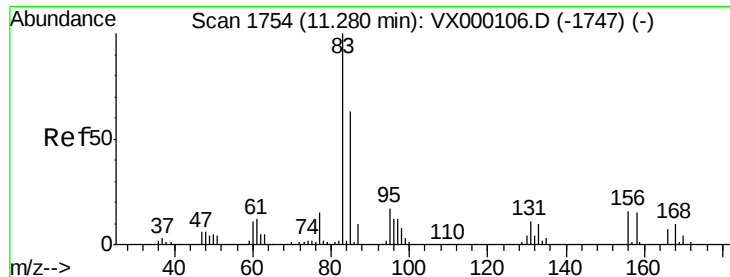
Tgt Ion:104 Resp: 15598
Ion Ratio Lower Upper
104 100
78 52.6 39.0 58.4
103 58.9 44.7 67.1



#70
Isopropylbenzene
Concen: 6.76 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Tgt Ion:105 Resp: 26388
Ion Ratio Lower Upper
105 100
120 27.5 18.8 35.0

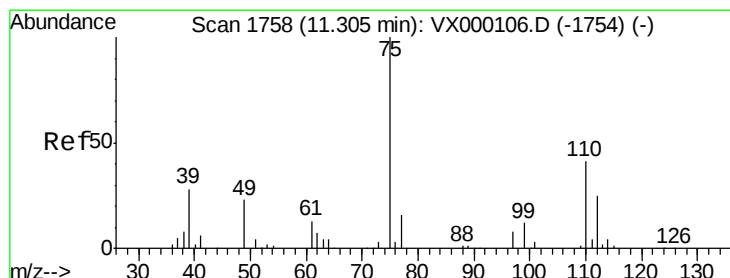
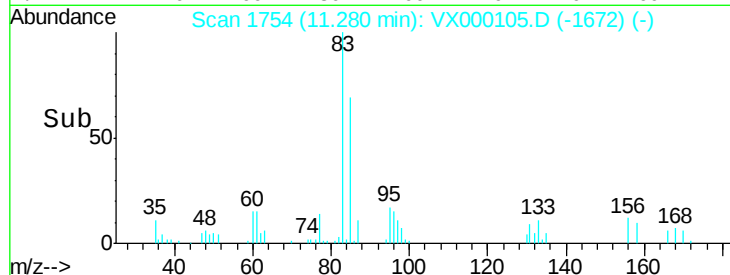
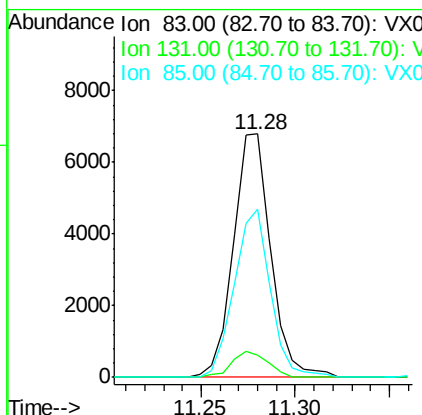
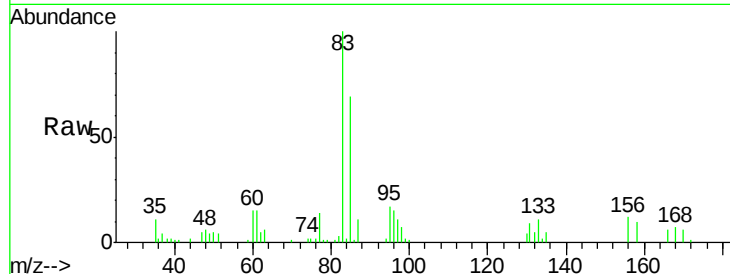




#71
 1,1,2,2-Tetrachloroethane
 Concen: 6.96 ug/l
 RT: 11.28 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

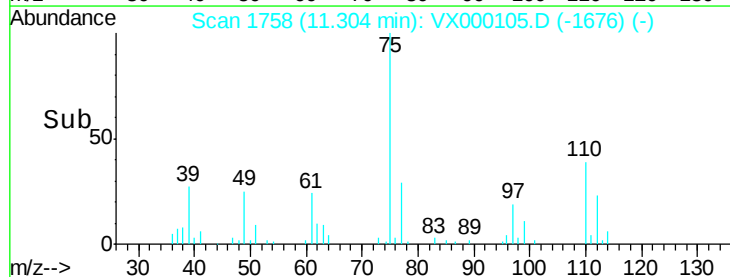
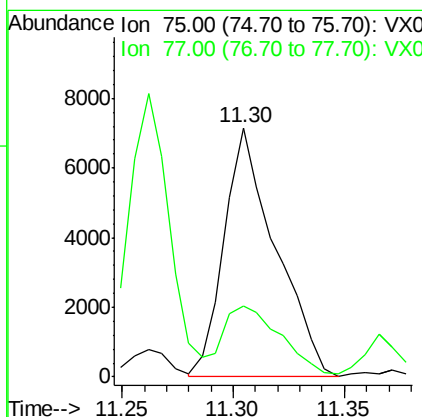
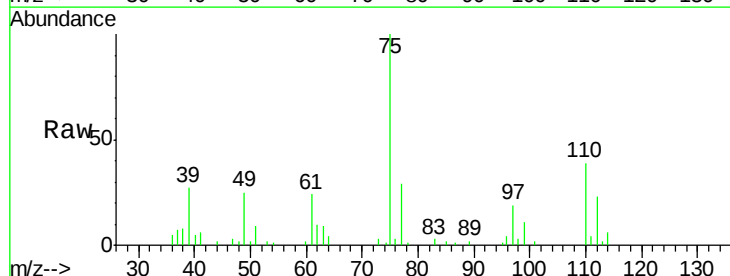
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

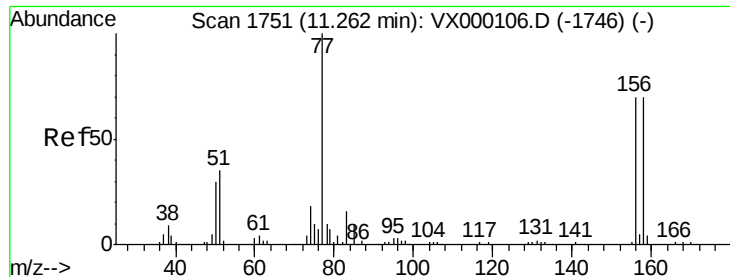
Tgt Ion: 83 Resp: 9371
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.3 16.1
 85 66.4 32.5 97.5



#72
 1,2,3-Trichloropropane
 Concen: 9.27 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

Tgt Ion: 75 Resp: 11471
 Ion Ratio Lower Upper
 75 100
 77 32.7 0.0 85.8





#73

Bromobenzene

Concen: 6.77 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

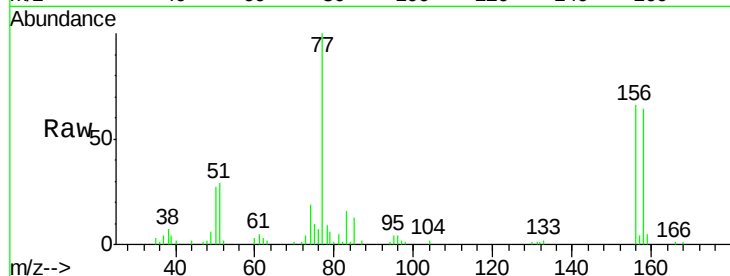
Tgt Ion:156 Resp: 6835

Ion Ratio Lower Upper

156 100

77 152.7 0.0 280.2

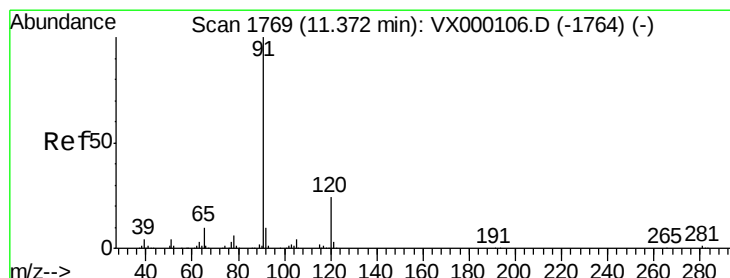
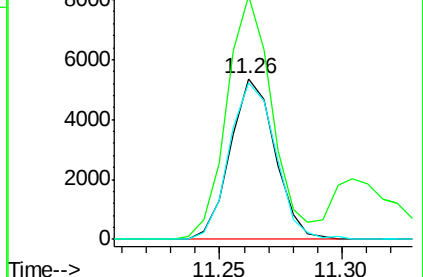
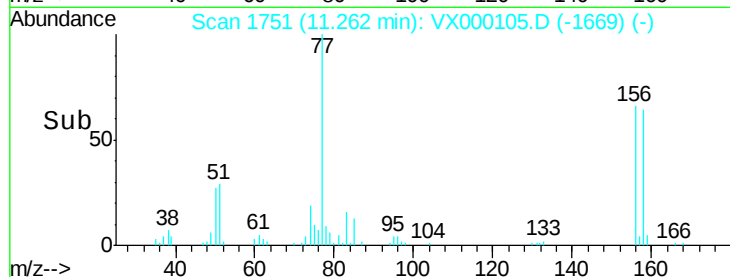
158 100.3 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 6.89 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000105.D

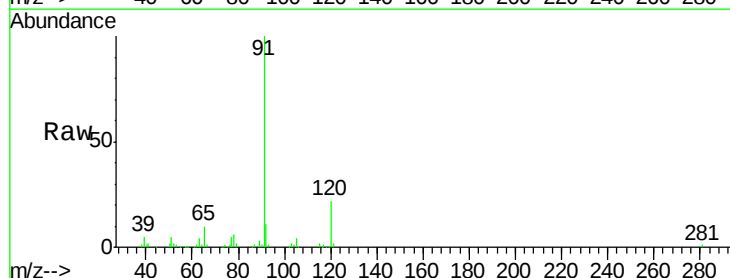
Acq: 20 Feb 2018 13:27

Tgt Ion: 91 Resp: 31491

Ion Ratio Lower Upper

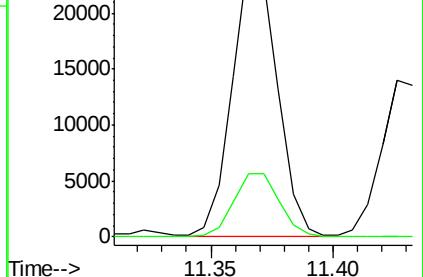
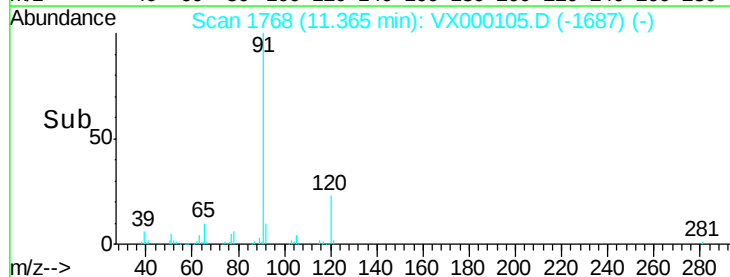
91 100

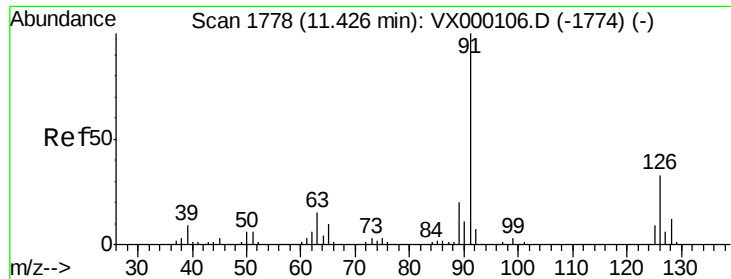
120 23.5 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 6.84 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

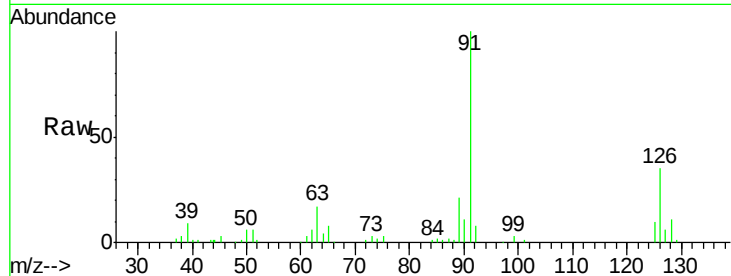
VSTDIC010

Tgt Ion: 91 Resp: 18293

Ion Ratio Lower Upper

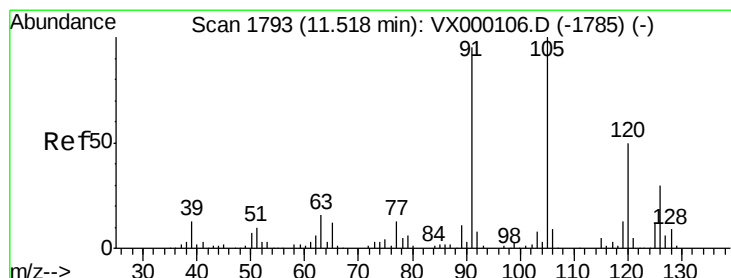
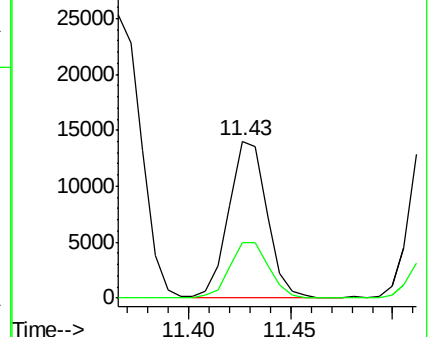
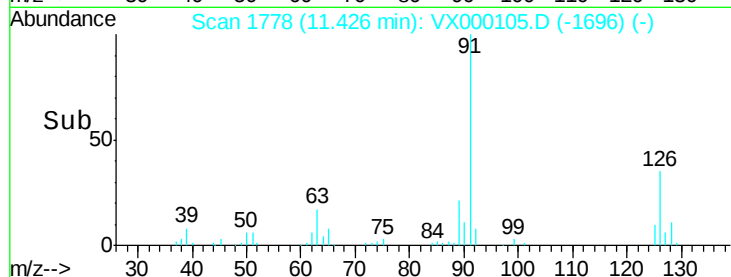
91 100

126 36.5 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX000106.D (-1774) (-)

Ion 126.00 (125.70 to 126.70): VX000106.D (-1774) (-)



#76

1,3,5-Trimethylbenzene

Concen: 6.73 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000105.D

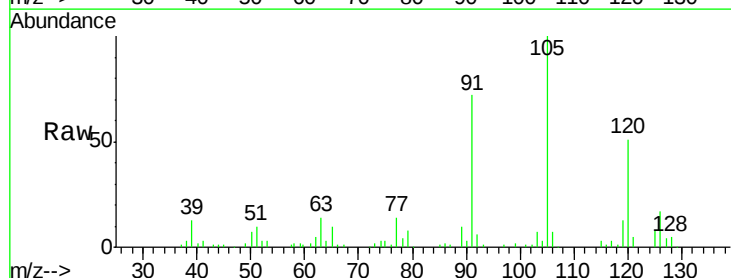
Acq: 20 Feb 2018 13:27

Tgt Ion: 105 Resp: 22193

Ion Ratio Lower Upper

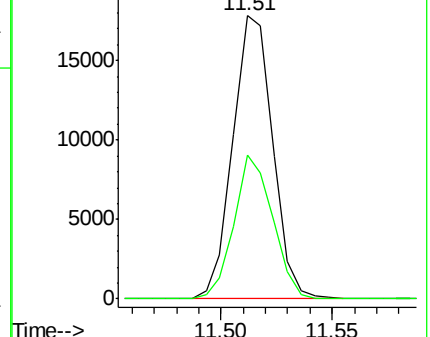
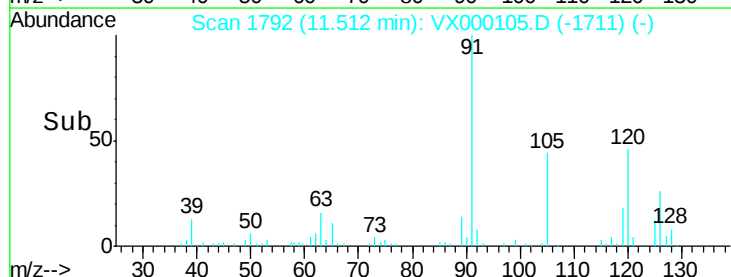
105 100

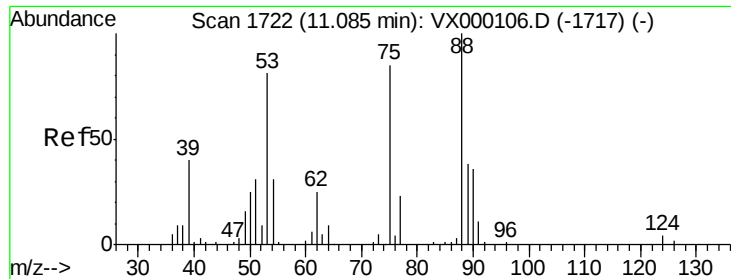
120 49.3 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX000106.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX000106.D (-1785) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 6.46 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.01 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

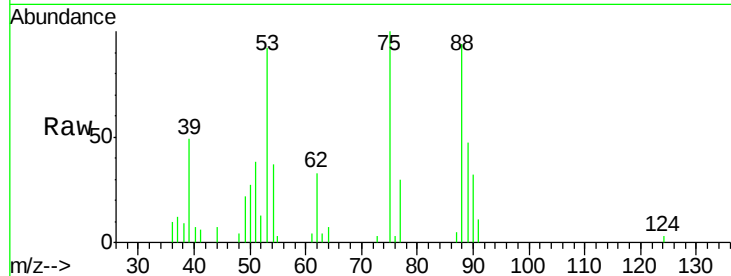
Tgt Ion: 75 Resp: 2791

Ion Ratio Lower Upper

75 100

53 91.6 47.8 143.3

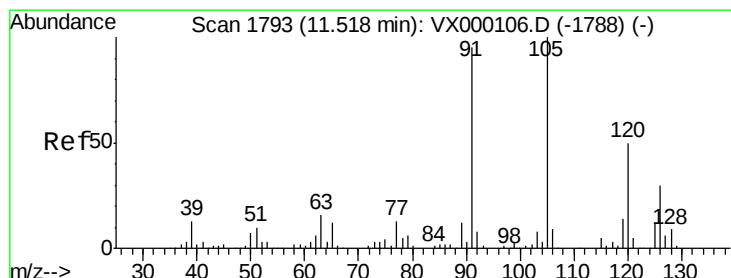
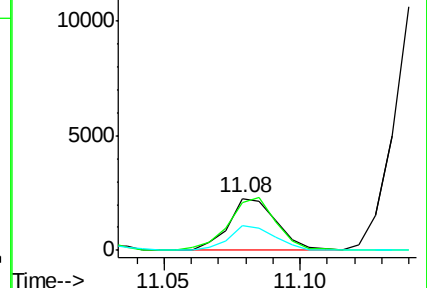
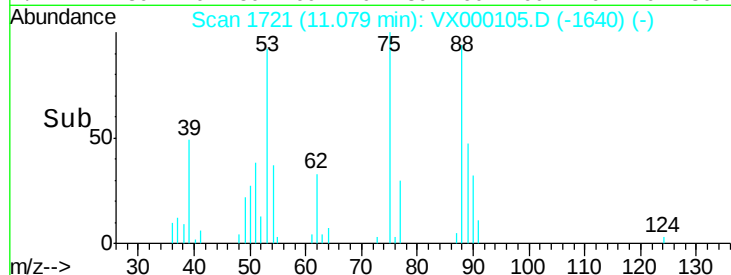
89 47.4 22.3 66.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 6.74 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000105.D

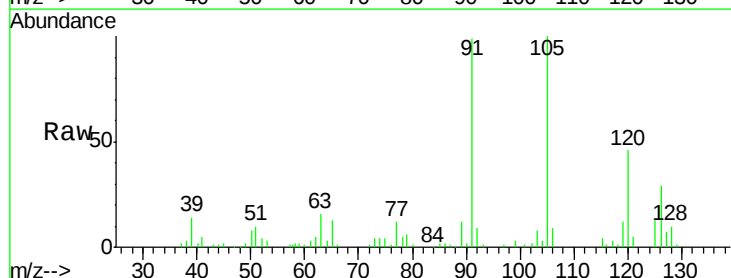
Acq: 20 Feb 2018 13:27

Tgt Ion: 91 Resp: 21233

Ion Ratio Lower Upper

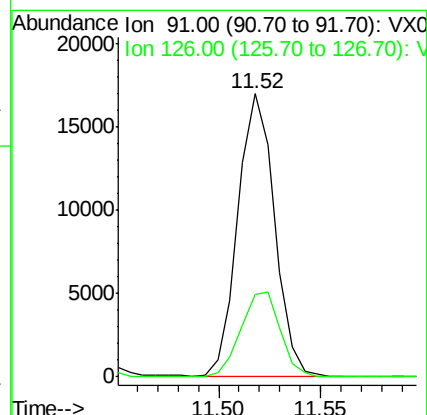
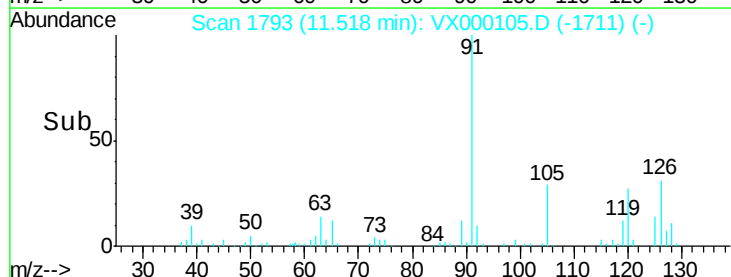
91 100

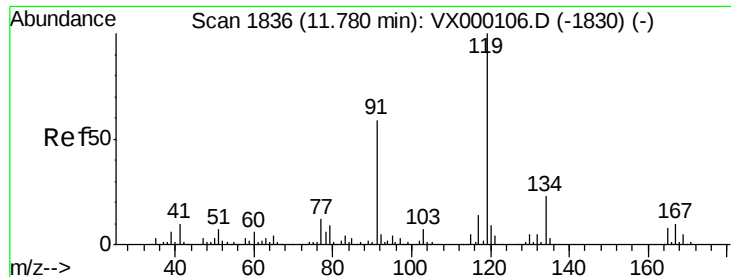
126 32.0 0.0 63.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

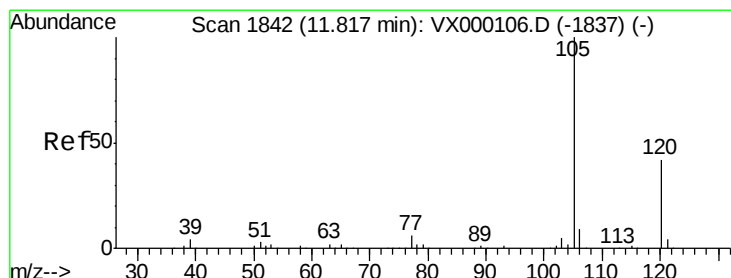
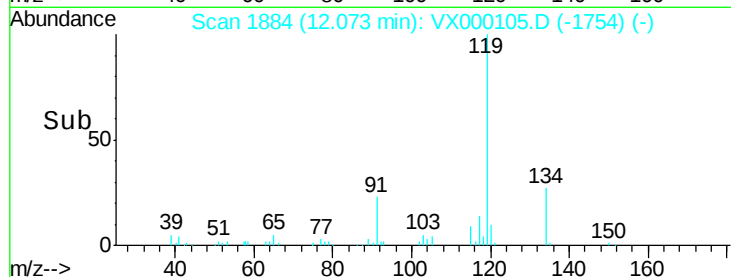
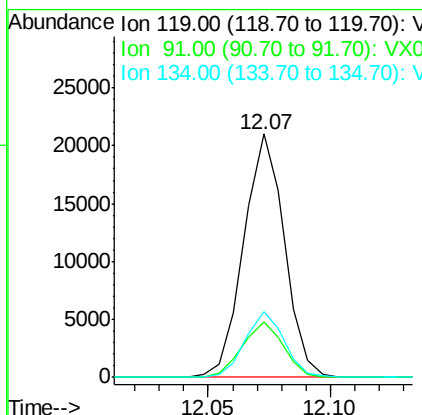
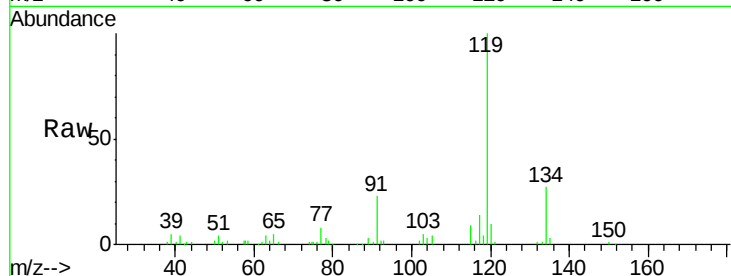




#79
tert-butylbenzene
Concen: 7.33 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.29 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

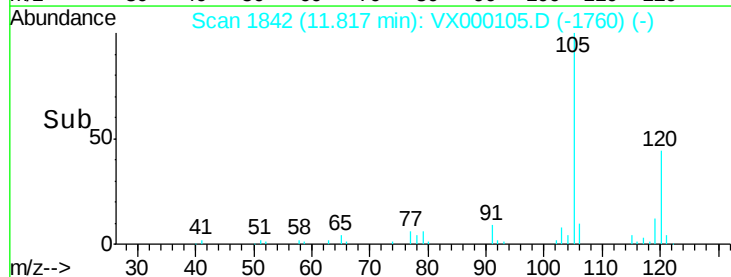
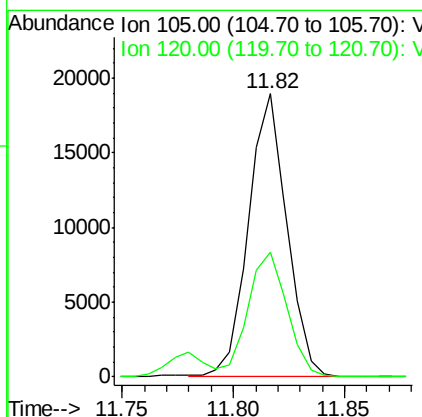
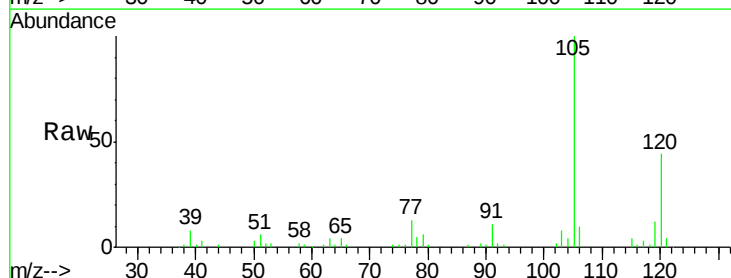
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

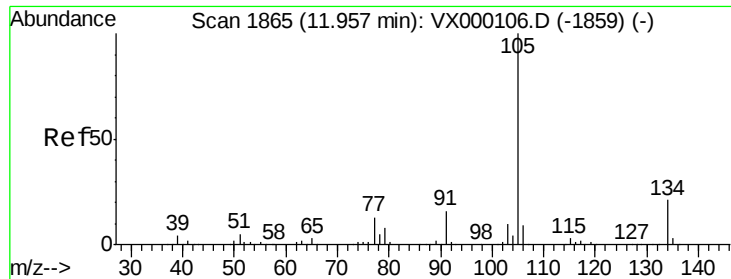
Tgt Ion:119 Resp: 24304
Ion Ratio Lower Upper
119 100
91 23.1 0.0 51.6
134 26.2 0.0 60.2



#80
1,2,4-Trimethylbenzene
Concen: 6.68 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Tgt Ion:105 Resp: 22828
Ion Ratio Lower Upper
105 100
120 44.9 0.0 93.0

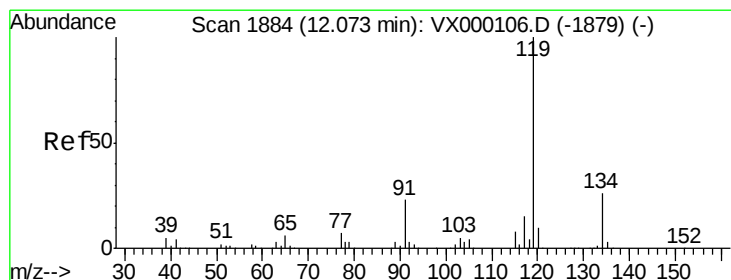
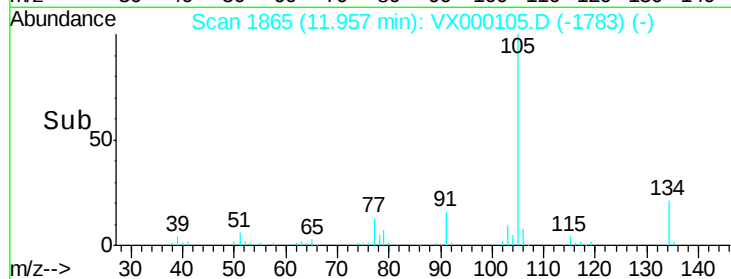
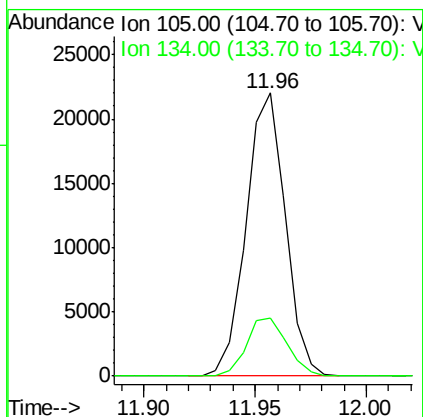
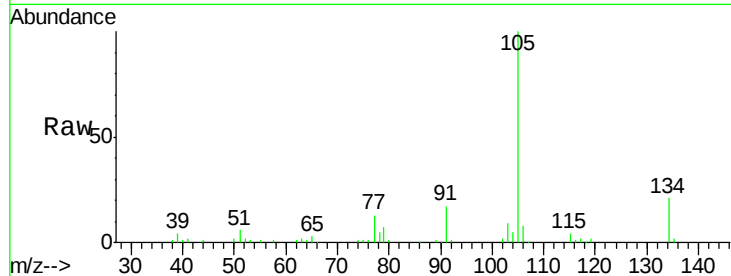




#81
 sec-Butylbenzene
 Concen: 6.60 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

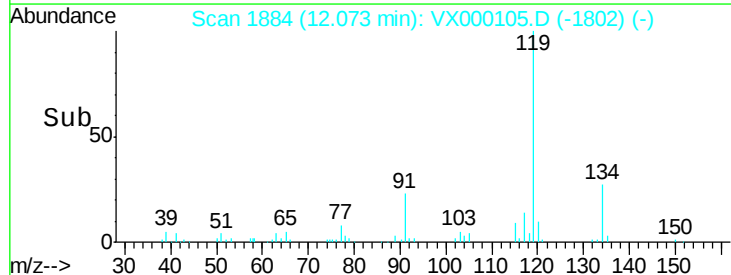
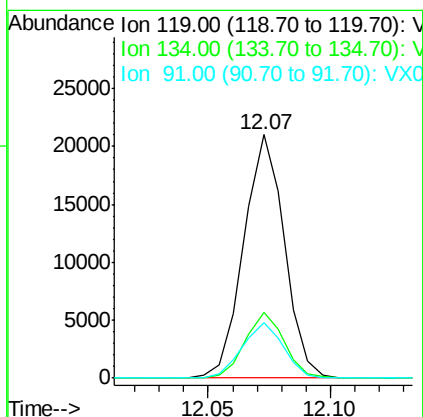
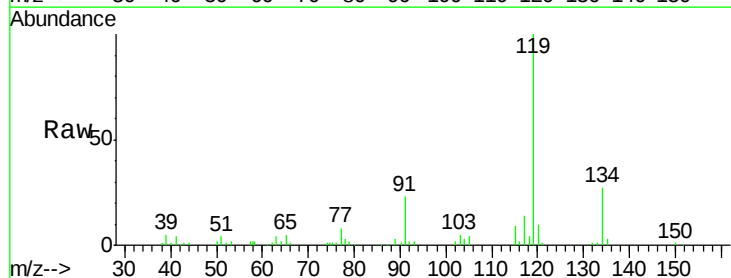
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

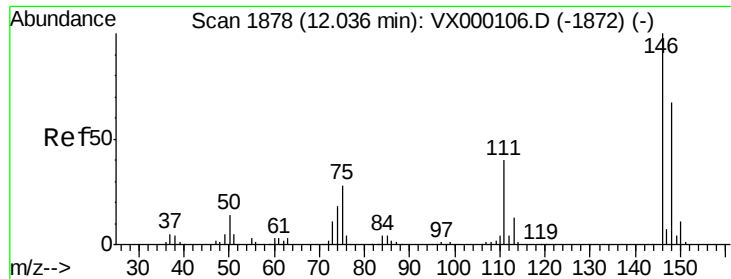
Tgt Ion:105 Resp: 27069
 Ion Ratio Lower Upper
 105 100
 134 21.2 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 6.63 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

Tgt Ion:119 Resp: 24304
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 54.4
 91 23.1 0.0 46.6

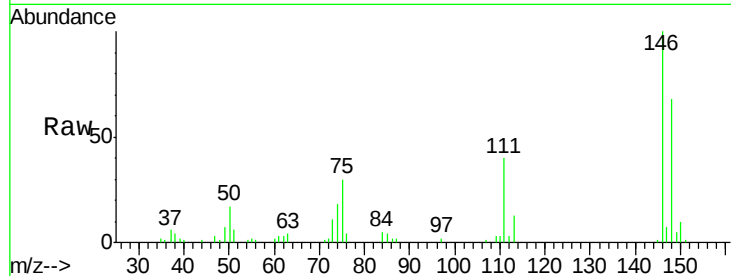




#83
 1,3-Dichlorobenzene
 Concen: 6.72 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.4	58.2
148	61.6	32.6	97.7

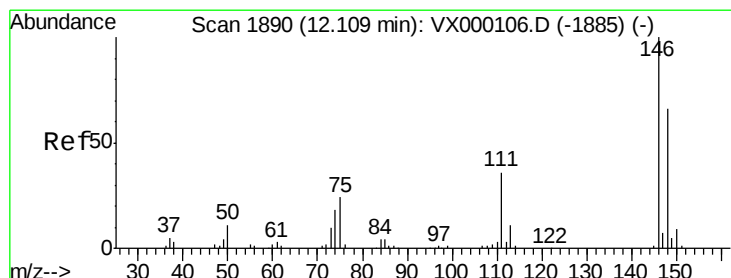
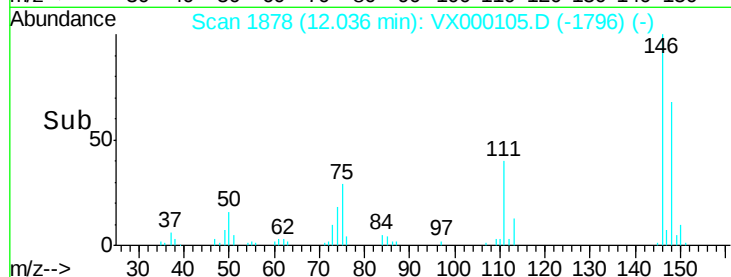
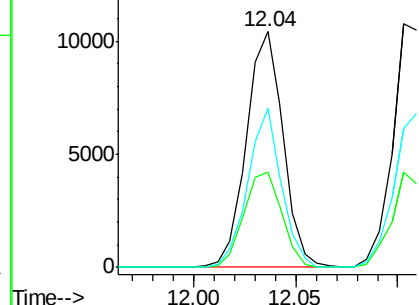


Abundance

Ion 146.00 (145.70 to 146.70): V

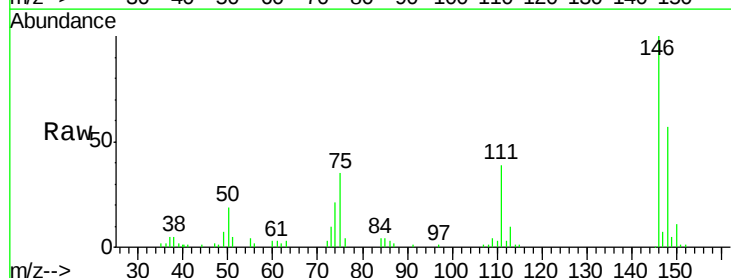
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84
 1,4-Dichlorobenzene
 Concen: 6.65 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.4	55.0
148	63.3	31.9	95.7

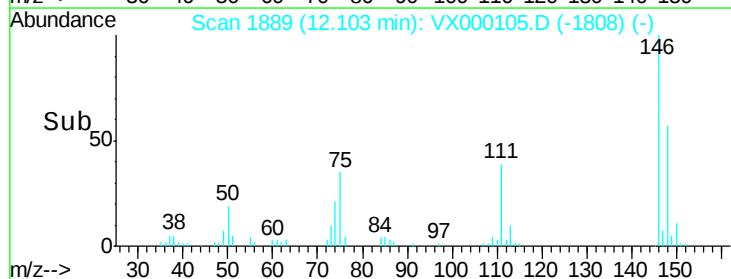
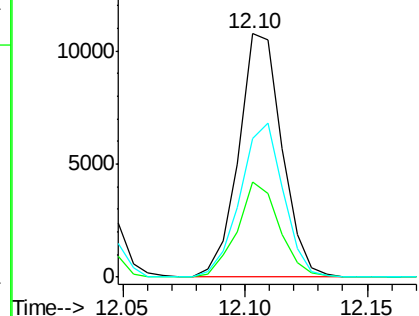


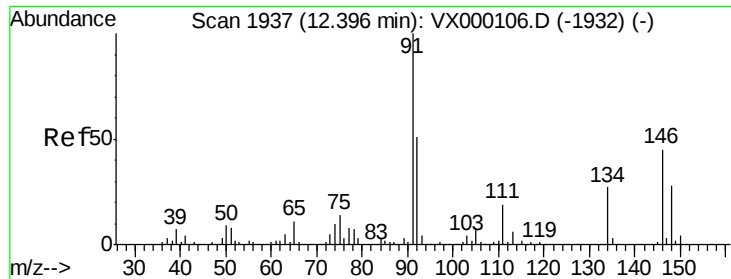
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

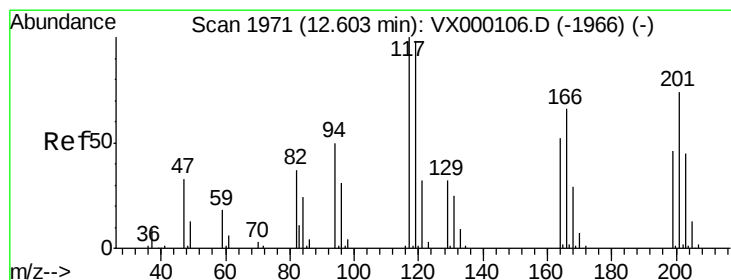
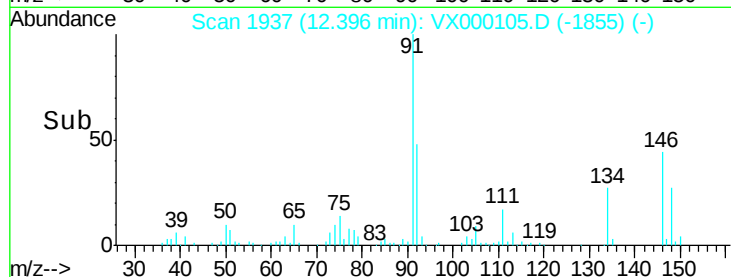
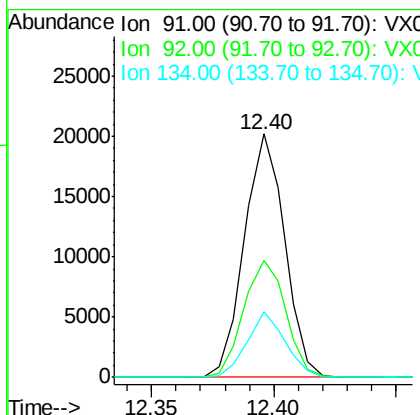
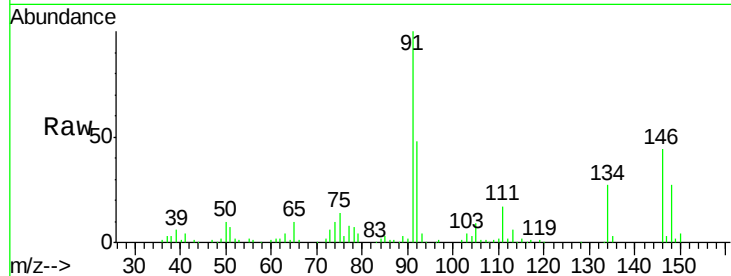




#85
n-Butylbenzene
Concen: 6.78 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

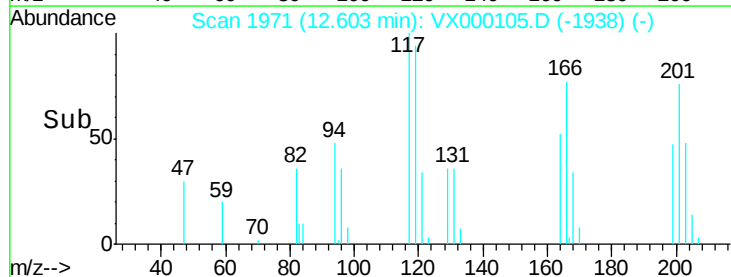
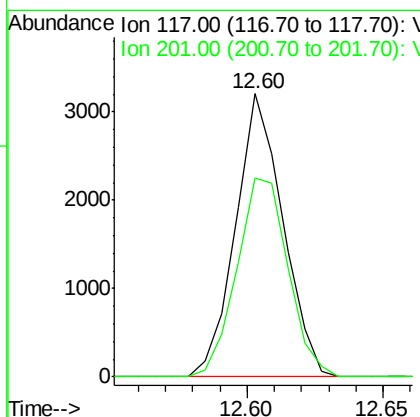
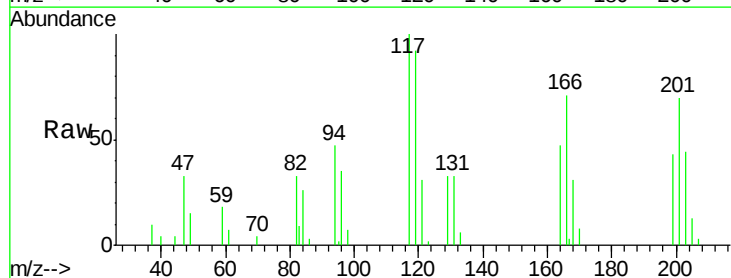
Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

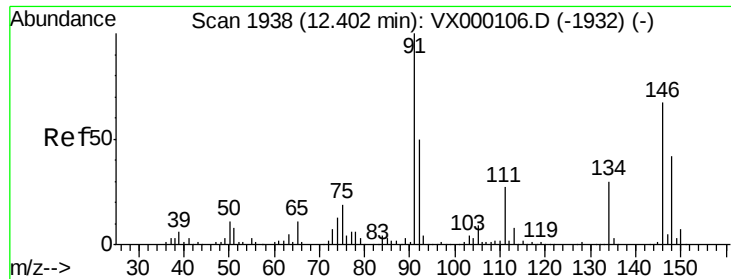
Tgt Ion: 91 Resp: 23238
Ion Ratio Lower Upper
91 100
92 49.7 0.0 102.0
134 25.7 0.0 54.2



#86
Hexachloroethane
Concen: 6.44 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000105.D
Acq: 20 Feb 2018 13:27

Tgt Ion: 117 Resp: 3868
Ion Ratio Lower Upper
117 100
201 75.9 38.9 116.6

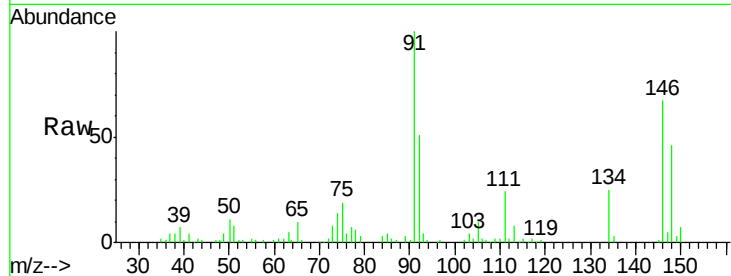




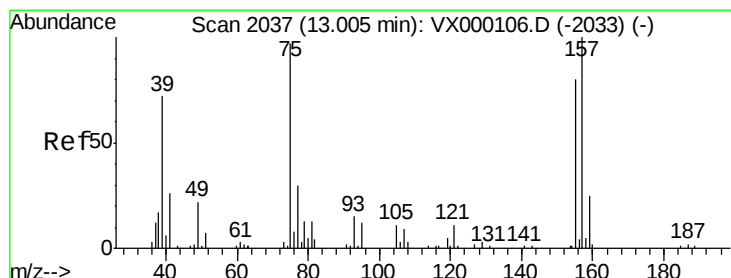
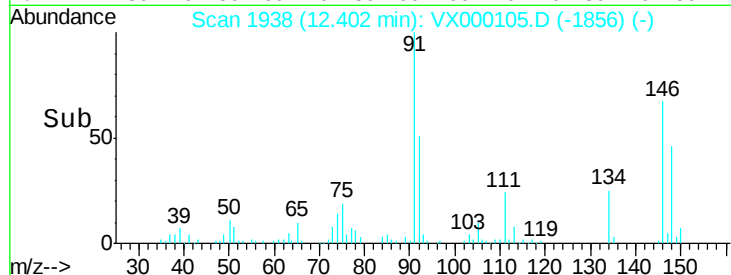
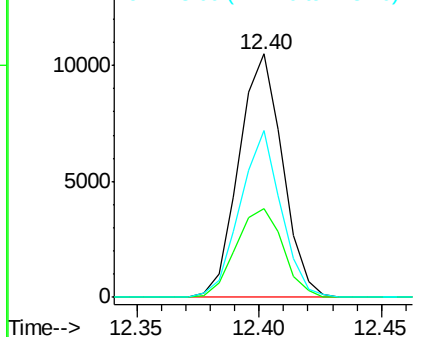
#87
 1,2-Dichlorobenzene
 Concen: 6.69 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion: 146 Resp: 13032
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.0 60.0
 148 64.2 31.6 95.0

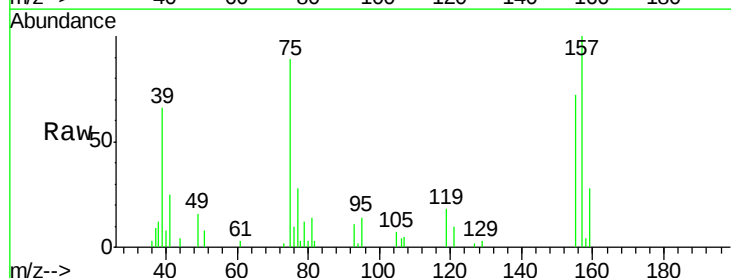


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

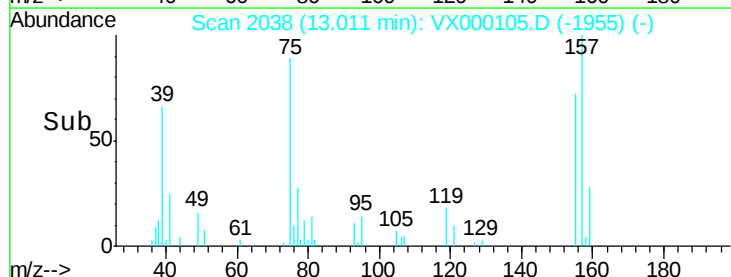
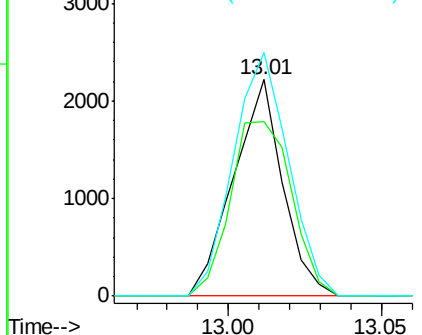


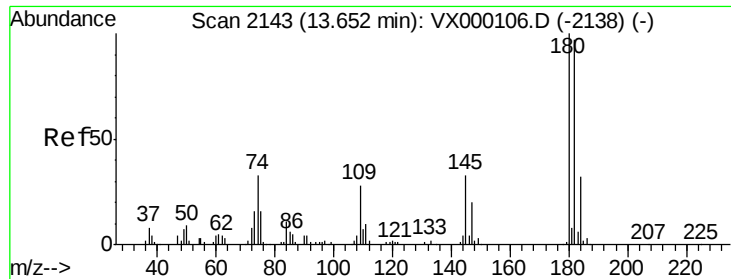
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 6.61 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

Tgt Ion: 75 Resp: 2475
 Ion Ratio Lower Upper
 75 100
 155 100.6 75.1 112.7
 157 125.9 99.0 148.4



Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

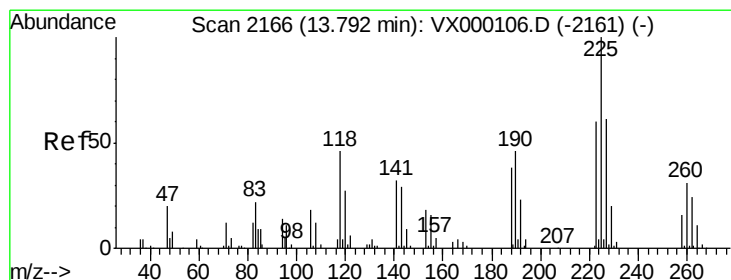
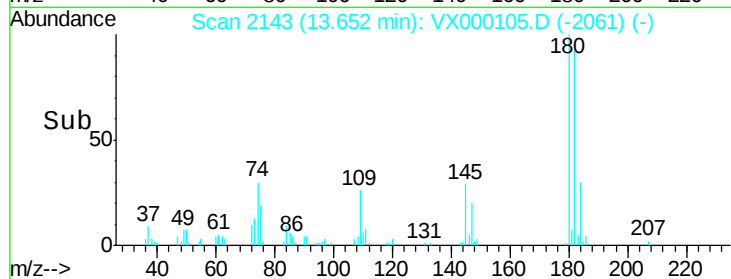
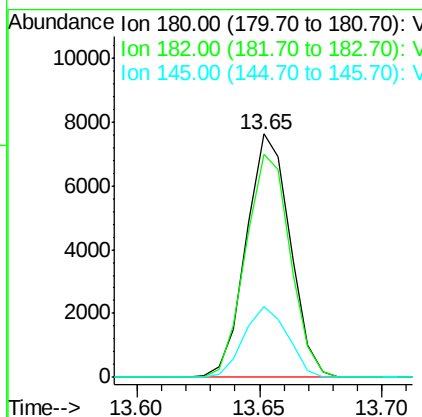
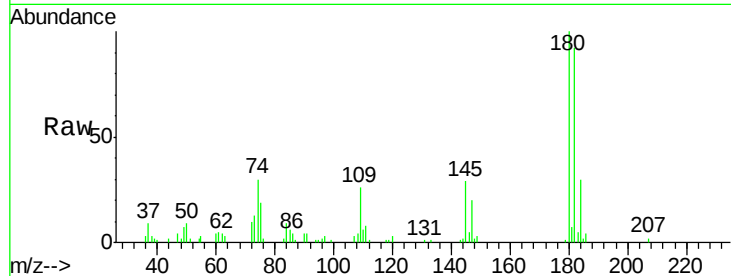




#89
 1,2,4-Trichlorobenzene
 Concen: 6.83 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

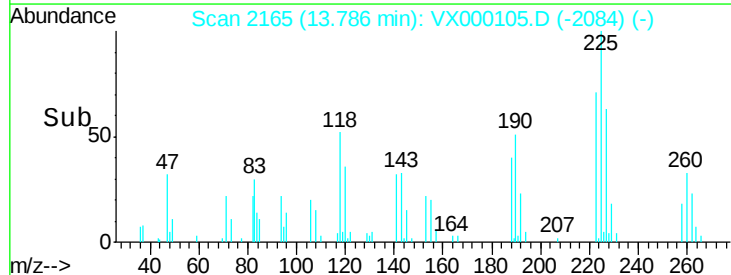
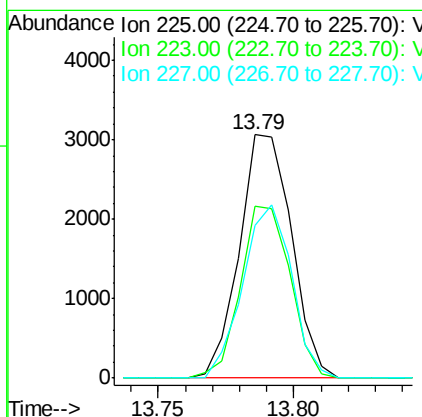
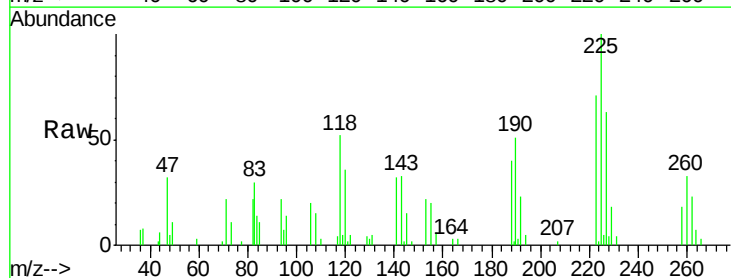
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

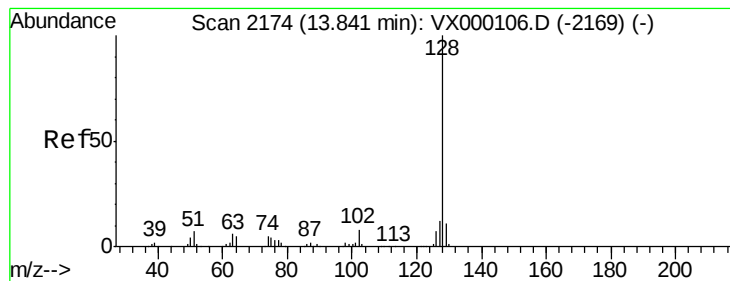
Tgt Ion:180 Resp: 9526
 Ion Ratio Lower Upper
 180 100
 182 93.0 76.3 114.5
 145 29.0 24.6 37.0



#90
 Hexachlorobutadiene
 Concen: 7.03 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: VX000105.D
 Acq: 20 Feb 2018 13:27

Tgt Ion:225 Resp: 4082
 Ion Ratio Lower Upper
 225 100
 223 67.1 0.0 131.2
 227 66.7 0.0 127.6





#91

Naphthalene

Concen: 6.70 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

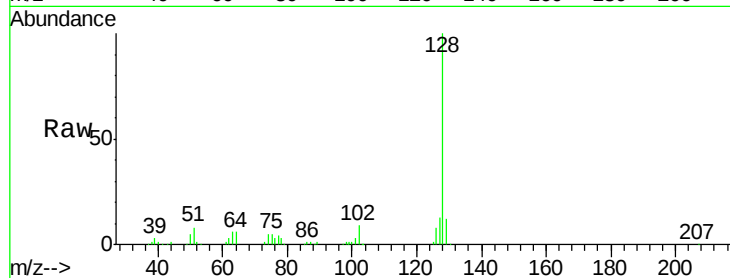
Tgt Ion:128 Resp: 33479

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

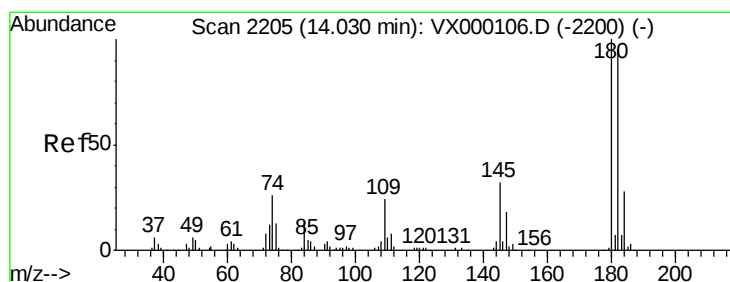
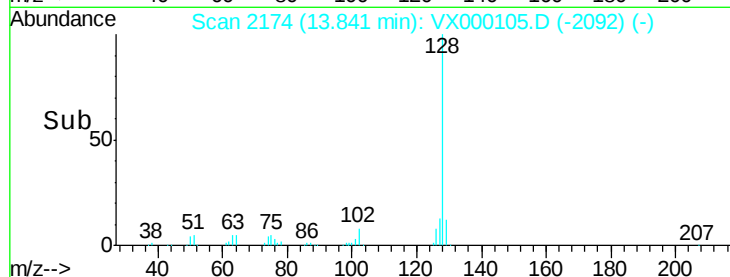
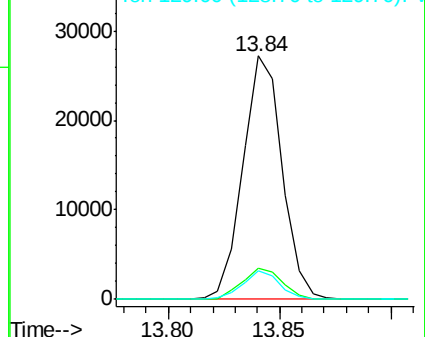
129 11.0 9.0 13.6



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



#92

1,2,3-Trichlorobenzene

Concen: 6.67 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000105.D

Acq: 20 Feb 2018 13:27

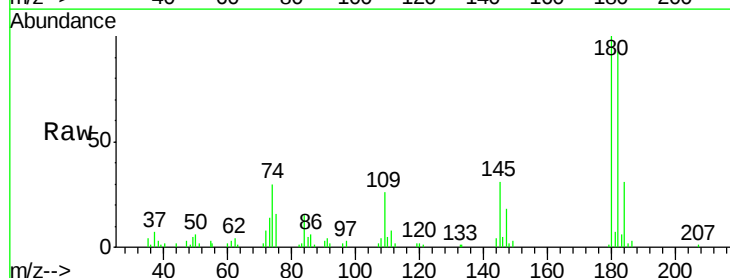
Tgt Ion:180 Resp: 9475

Ion Ratio Lower Upper

180 100

182 92.3 0.0 188.6

145 32.7 0.0 65.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

