

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032018\
 Data File : VX000361.D
 Acq On : 20 Mar 2018 13:32
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 20 13:51:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 12:07:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	127005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	187661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95346	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	2250	1.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.56%	
35) Dibromofluoromethane	5.51	113	1441	1.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.26%	
50) Toluene-d8	8.72	98	5940	1.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.24%	
62) 4-Bromofluorobenzene	11.15	95	2306	1.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	1615	1.18	ug/l	95
3) Chloromethane	1.32	50	1840	1.32	ug/l #	86
4) Vinyl Chloride	1.41	62	1841	1.18	ug/l	99
5) Bromomethane	1.65	94	1799	1.03	ug/l	96
6) Chloroethane	1.73	64	1626	1.46	ug/l #	81
7) Trichlorofluoromethane	1.93	101	3190	1.18	ug/l	91
8) Diethyl Ether	2.20	74	1192	1.23	ug/l	65
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1835	1.26	ug/l	94
10) Methyl Iodide	2.51	142	1074	0.73	ug/l #	88
11) Tert butyl alcohol	3.06	59	3196	5.62	ug/l	99
12) 1,1-Dichloroethene	2.38	96	1561	1.13	ug/l	91
13) Acrolein	2.30	56	1378	5.63	ug/l	91
14) Allyl chloride	2.73	41	3403	1.38	ug/l #	90
15) Acrylonitrile	3.15	53	6636	6.05	ug/l	98
16) Acetone	2.45	43	7923	6.75	ug/l	95
17) Carbon Disulfide	2.57	76	5598	1.38	ug/l	100
18) Methyl Acetate	2.78	43	3494	1.33	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	5619	1.15	ug/l	98
20) Methylene Chloride	2.86	84	2019	1.33	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	1728	1.13	ug/l	85
22) Diisopropyl ether	3.89	45	4086	0.99	ug/l #	89
23) Vinyl Acetate	3.84	43	17821	4.54	ug/l #	94
24) 1,1-Dichloroethane	3.71	63	3064	1.18	ug/l #	91
25) 2-Butanone	4.72	43	7889	5.63	ug/l #	86
26) 2,2-Dichloropropane	4.60	77	1572	0.84	ug/l #	71
27) cis-1,2-Dichloroethene	4.61	96	1638	1.17	ug/l	91
28) Bromochloromethane	5.04	49	1091	1.00	ug/l #	98
29) Tetrahydrofuran	5.18	42	5036	5.58	ug/l	95
30) Chloroform	5.23	83	2447	1.00	ug/l	89
31) Cyclohexane	5.59	56	2368	1.19	ug/l	93
32) 1,1,1-Trichloroethane	5.51	97	2403	1.11	ug/l #	49
36) 1,1-Dichloropropene	5.81	75	2128	1.16	ug/l	94
37) Ethyl Acetate	4.87	43	2854	1.17	ug/l #	75
38) Carbon Tetrachloride	5.79	117	2308	1.25	ug/l #	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	2474	1.16	ug/l	93
40) Benzene	6.15	78	6050	1.16	ug/l	91
41) Methacrylonitrile	5.07	41	1605	1.25	ug/l #	30
42) 1,2-Dichloroethane	6.21	62	2494	1.21	ug/l	97
43) Isopropyl Acetate	6.48	43	3987	1.13	ug/l #	96
44) Trichloroethene	7.22	130	1813	1.20	ug/l	76
45) 1,2-Dichloropropane	7.52	63	1393	1.09	ug/l #	52
46) Dibromomethane	7.66	93	1293	1.25	ug/l	94
47) Bromodichloromethane	7.91	83	1857	1.01	ug/l #	92
48) Methyl methacrylate	7.79	41	1923	1.08	ug/l #	75
49) 1,4-Dioxane	7.78	88	847	21.16	ug/l	89
51) 4-Methyl-2-Pentanone	8.66	43	13706	5.02	ug/l	97
52) Toluene	8.79	92	4056	1.11	ug/l	83
53) t-1,3-Dichloropropene	8.44	75	2211	1.05	ug/l #	81
54) cis-1,3-Dichloropropene	9.05	75	1947	0.94	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	1581	1.08	ug/l	95
56) Ethyl methacrylate	9.19	69	2260	1.04	ug/l #	93
57) 1,3-Dichloropropane	9.38	76	2610	1.10	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.32	63	5183	5.19	ug/l	94
59) 2-Hexanone	9.51	43	11323	4.92	ug/l	94
60) Dibromochloromethane	9.59	129	1220	0.79	ug/l	82
61) 1,2-Dibromoethane	9.68	107	1555	0.96	ug/l	90
64) Tetrachloroethene	9.34	164	1739	1.30	ug/l	91
65) Chlorobenzene	10.15	112	4594	1.20	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.23	131	1420	1.10	ug/l #	62
67) Ethyl Benzene	10.26	91	7361	1.13	ug/l	92
68) m/p-Xylenes	10.37	106	5296	2.09	ug/l	97
69) o-Xylene	10.71	106	2655	1.08	ug/l	92
70) Styrene	10.72	104	3978	0.97	ug/l	98
71) Bromoform	10.87	173	1013	0.90	ug/l #	88
73) Isopropylbenzene	11.02	105	6356	1.11	ug/l	94
74) N-amyl acetate	6.48	43	3987	1.45	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	2211	1.08	ug/l	87
76) 1,2,3-Trichloropropane	11.30	75	2722	1.42	ug/l	99
77) Bromobenzene	11.26	156	1990	1.32	ug/l	92
78) n-propylbenzene	11.37	91	8392	1.21	ug/l	98
79) 2-Chlorotoluene	11.43	91	4919	1.25	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	5157	1.05	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.08	75	533	0.95	ug/l #	66
82) 4-Chlorotoluene	11.52	91	5567	1.15	ug/l	99
83) tert-Butylbenzene	11.78	119	5386	1.13	ug/l	94
84) 1,2,4-Trimethylbenzene	11.82	105	5830	1.16	ug/l	94
85) sec-Butylbenzene	11.96	105	6623	1.11	ug/l	100
86) p-Isopropyltoluene	12.07	119	5505	1.04	ug/l	85
87) 1,3-Dichlorobenzene	12.04	146	3638	1.23	ug/l	94
88) 1,4-Dichlorobenzene	12.04	146	3638	1.18	ug/l	97
89) n-Butylbenzene	12.40	91	5604	1.08	ug/l	95
90) Hexachloroethane	12.60	117	855	1.00	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	3068	1.07	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	13.01	75	681	1.23	ug/l	83

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MSVOA_X
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Quant Title : SW846 8260
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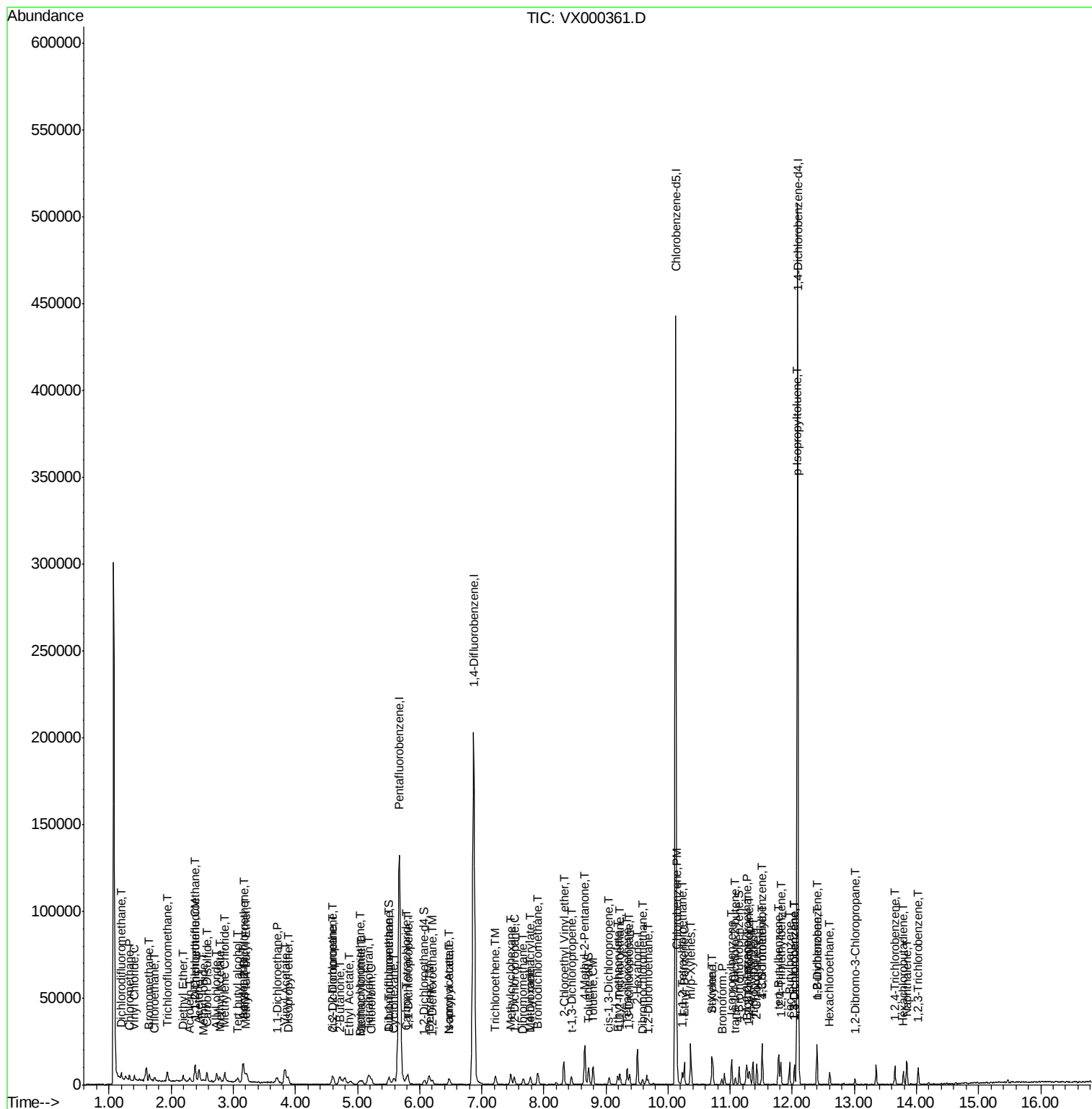
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	2548	1.23	ug/l	96
94) Hexachlorobutadiene	13.79	225	981	1.20	ug/l	84
95) Naphthalene	13.84	128	7894	1.10	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.03	180	2366	1.13	ug/l	92

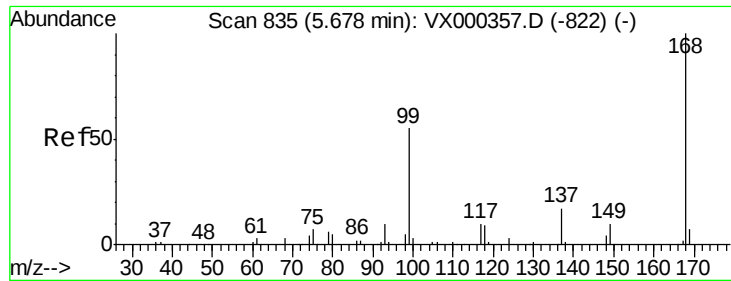
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : JC/MD  
Sample    : VSTDICC001  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 9   Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Mar 20 13:51:07 2018
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

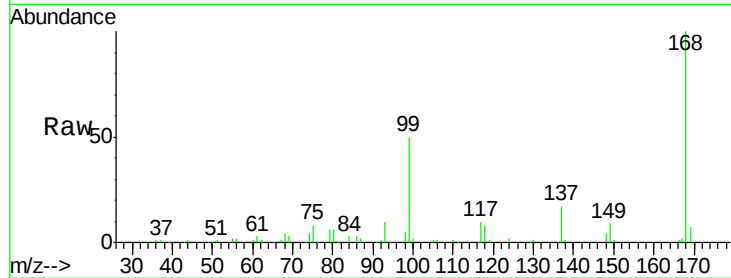
VSTDIC001

Tgt Ion:168 Resp: 127005

Ion Ratio Lower Upper

168 100

99 50.0 45.8 68.6

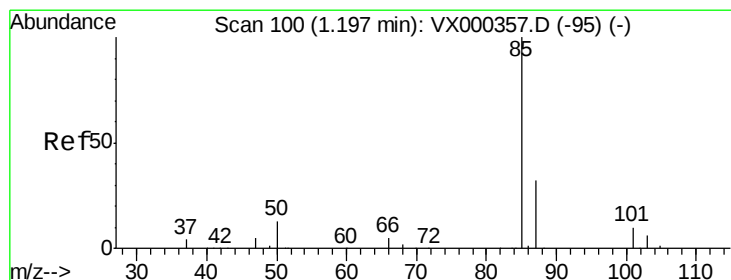
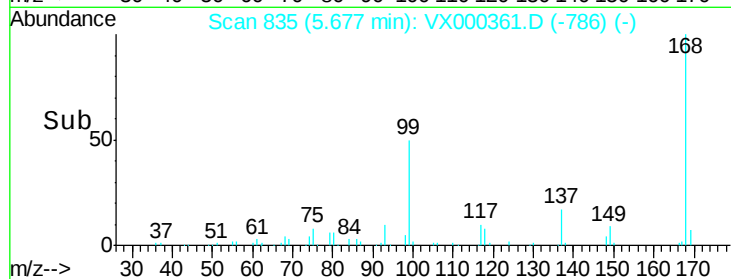


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

Time-->



#2

Dichlorodifluoromethane

Concen: 1.18 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000361.D

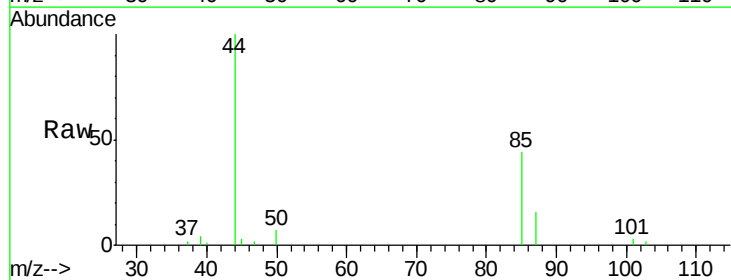
Acq: 20 Mar 2018 13:32

Tgt Ion: 85 Resp: 1615

Ion Ratio Lower Upper

85 100

87 36.2 16.8 50.3

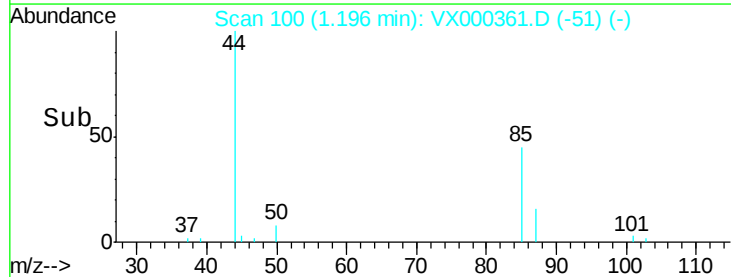


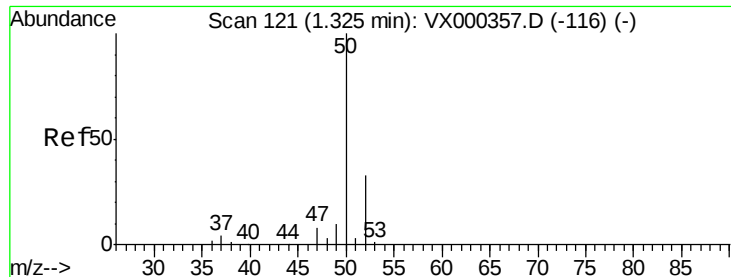
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->

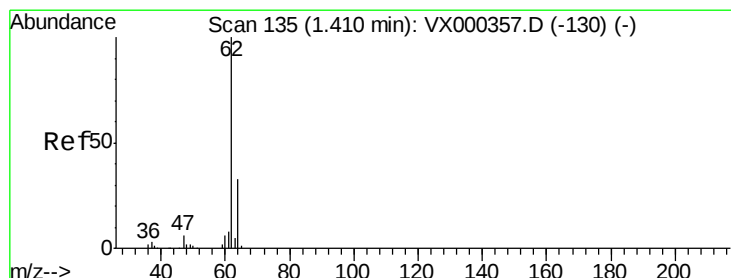
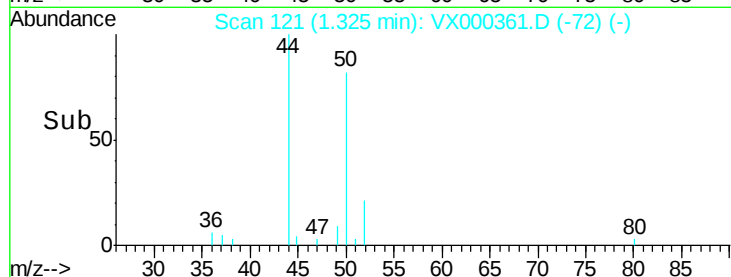
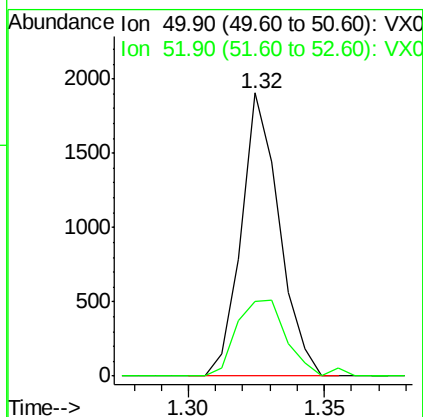
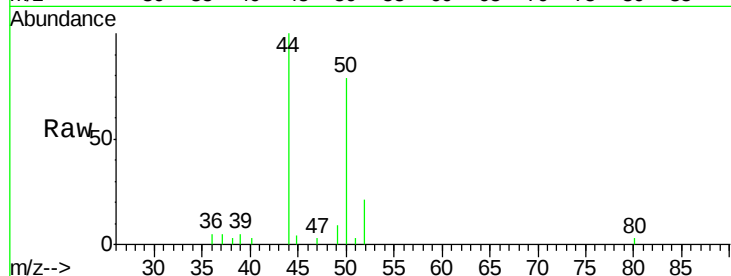




#3
Chloromethane
Concen: 1.32 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

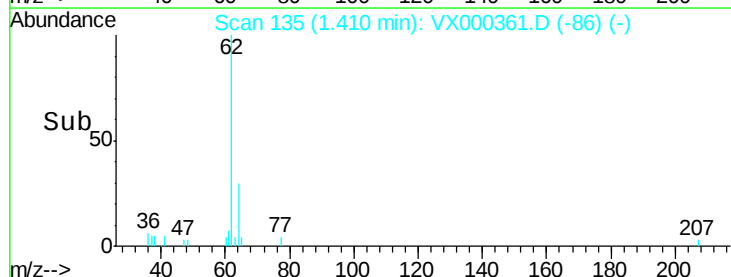
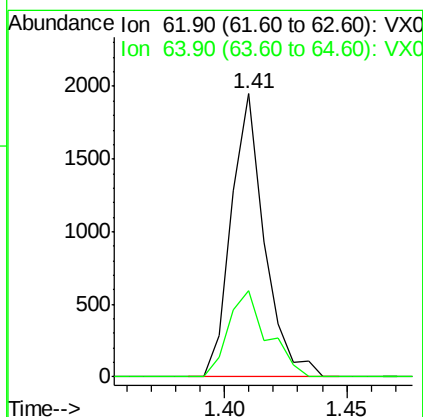
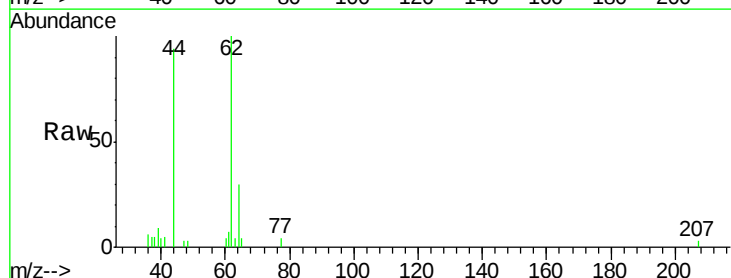
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 1840
Ion Ratio Lower Upper
50 100
52 26.2 27.5 41.3#



#4
Vinyl Chloride
Concen: 1.18 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion: 62 Resp: 1841
Ion Ratio Lower Upper
62 100
64 30.3 24.8 37.2





#5

Bromomethane

Concen: 1.03 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

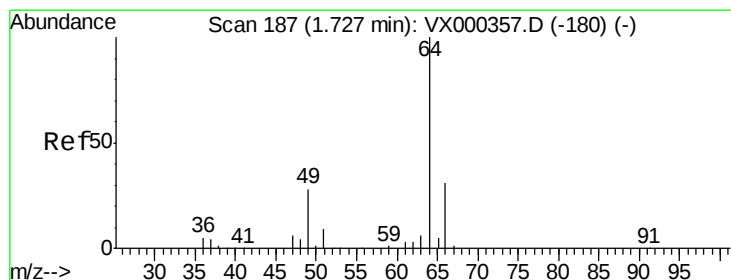
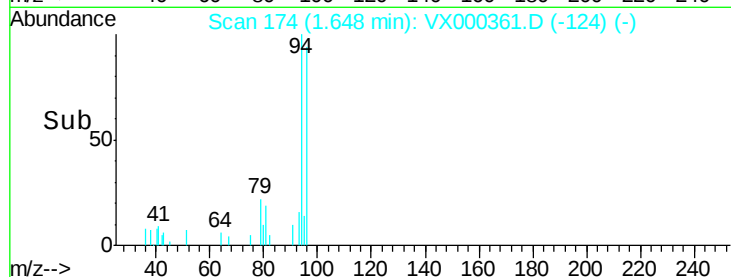
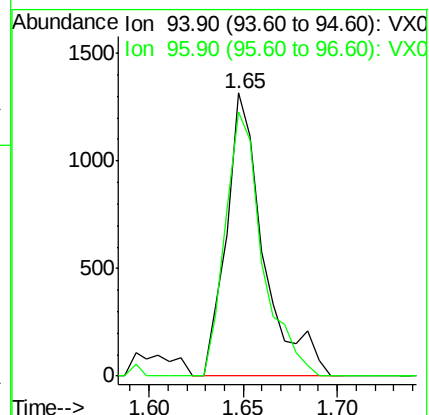
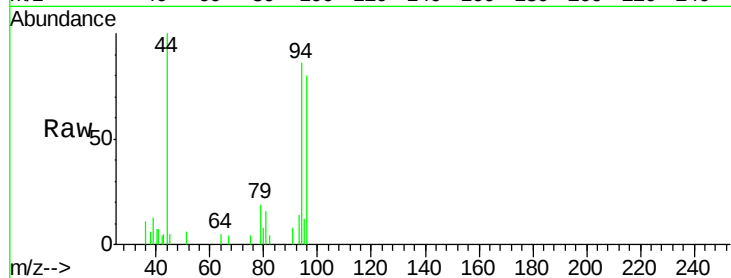
VSTDIC001

Tgt Ion: 94 Resp: 1799

Ion Ratio Lower Upper

94 100

96 93.5 77.7 116.5



#6

Chloroethane

Concen: 1.46 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000361.D

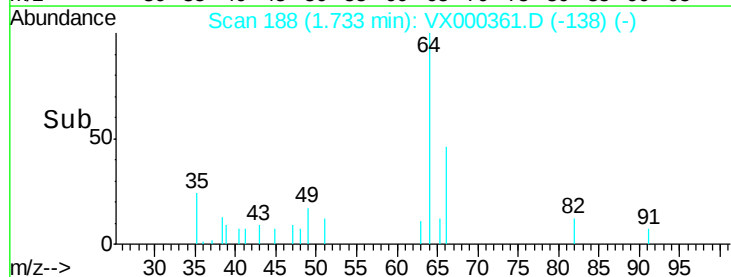
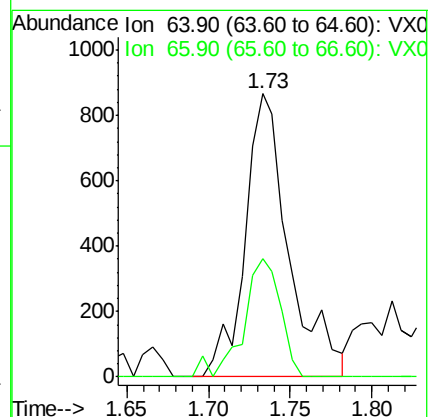
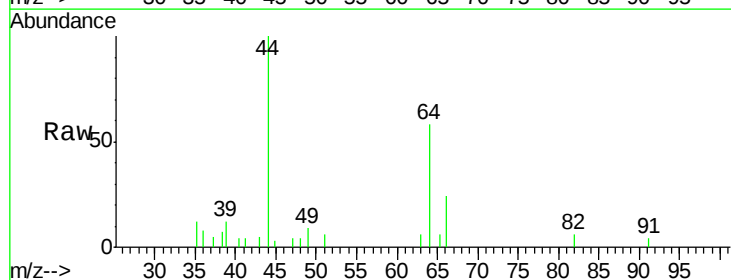
Acq: 20 Mar 2018 13:32

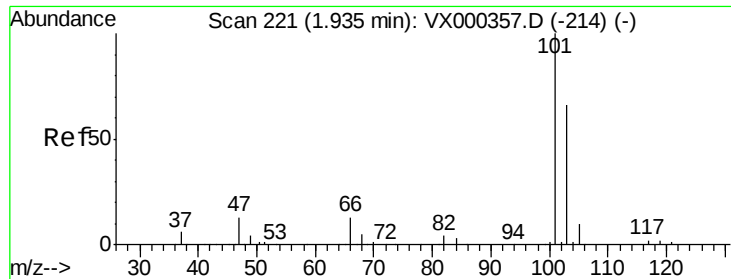
Tgt Ion: 64 Resp: 1626

Ion Ratio Lower Upper

64 100

66 41.6 24.8 37.2#



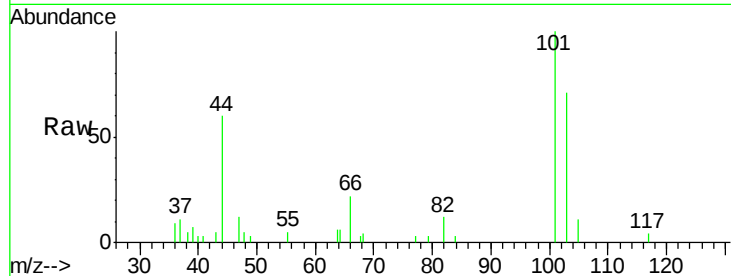


#7

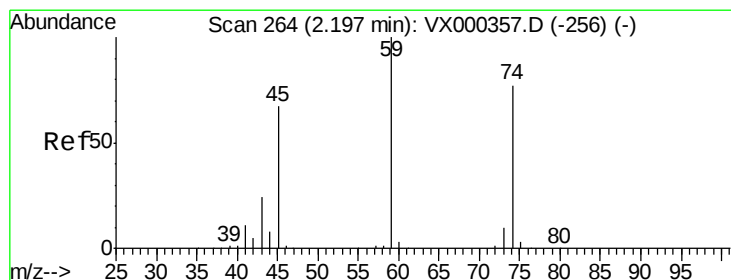
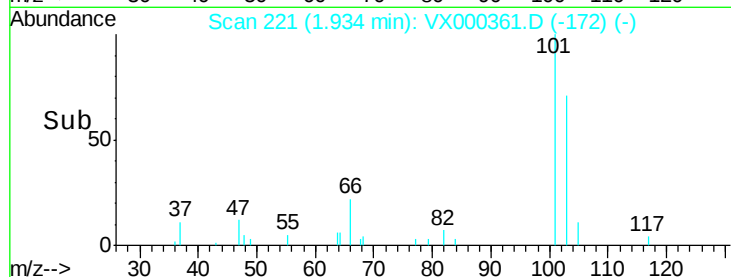
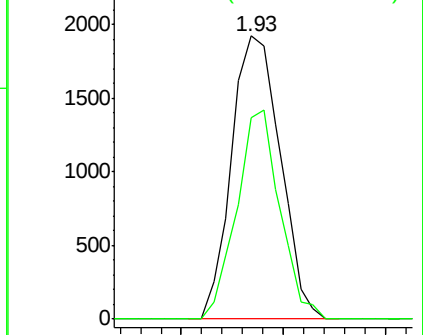
Trichlorofluoromethane
 Concen: 1.18 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 101 Resp: 3190
 Ion Ratio Lower Upper
 101 100
 103 71.2 51.6 77.4



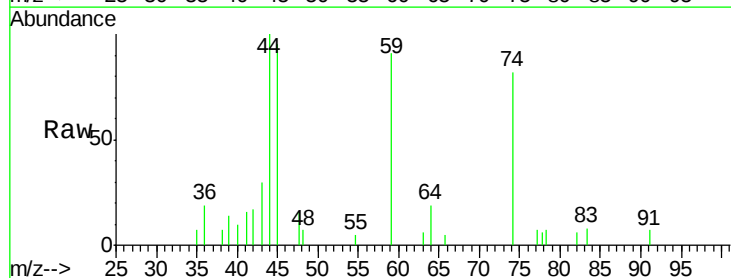
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



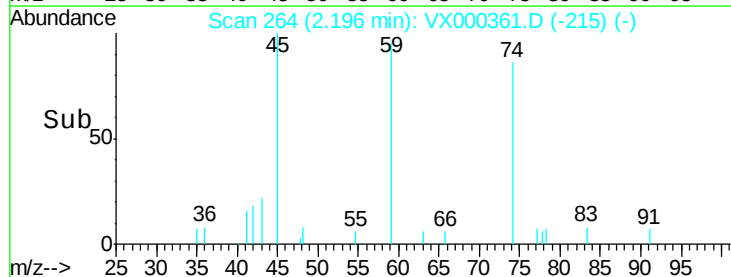
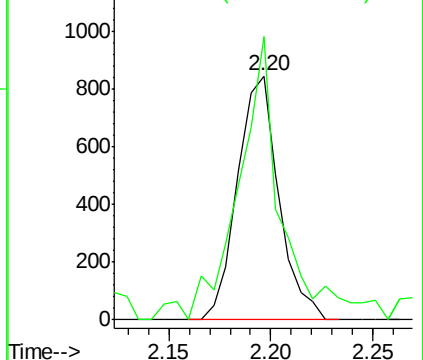
#8

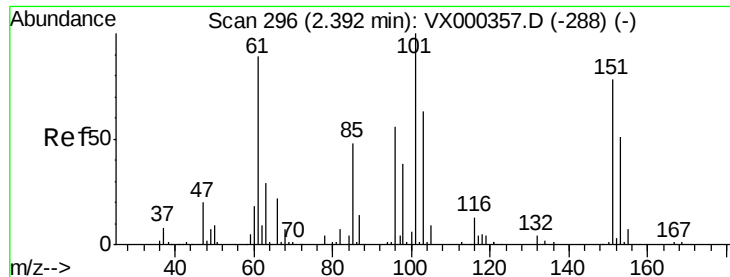
Diethyl Ether
 Concen: 1.23 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Tgt Ion: 74 Resp: 1192
 Ion Ratio Lower Upper
 74 100
 45 123.6 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.26 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

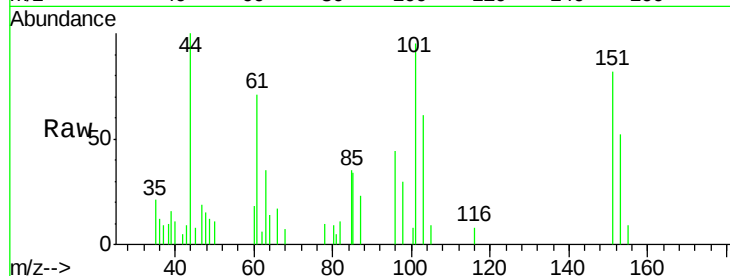
Tgt Ion:101 Resp: 1835

Ion Ratio Lower Upper

101 100

85 54.2 37.6 56.4

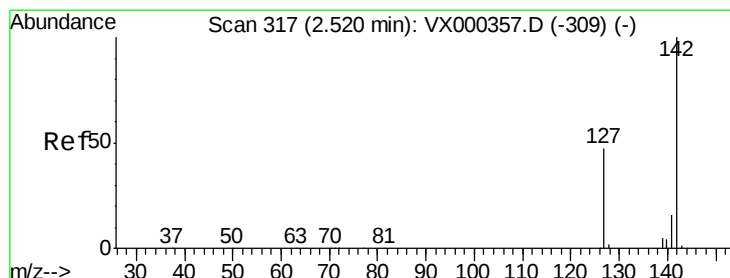
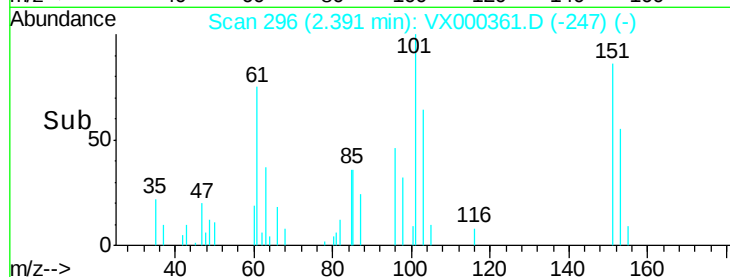
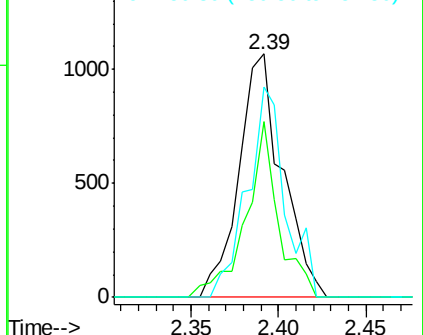
151 76.1 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.73 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

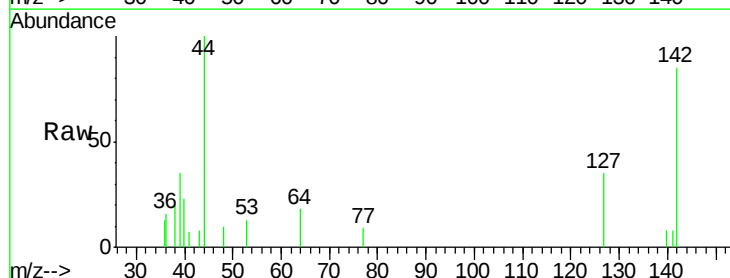
Tgt Ion:142 Resp: 1074

Ion Ratio Lower Upper

142 100

127 55.0 39.2 58.8

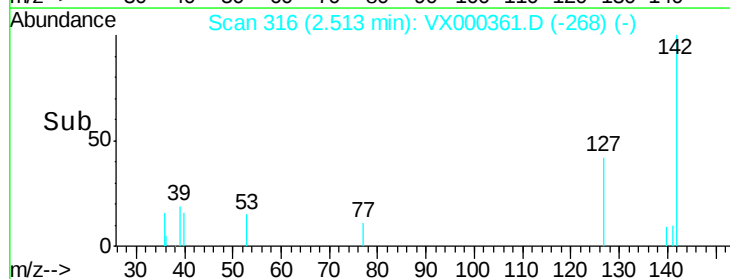
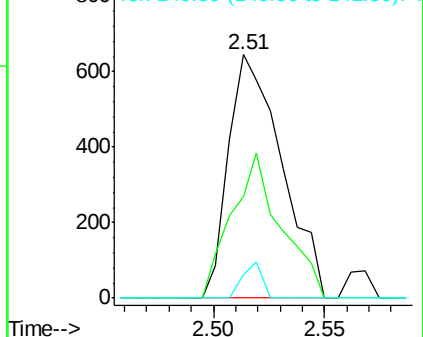
141 5.4 11.7 17.5#

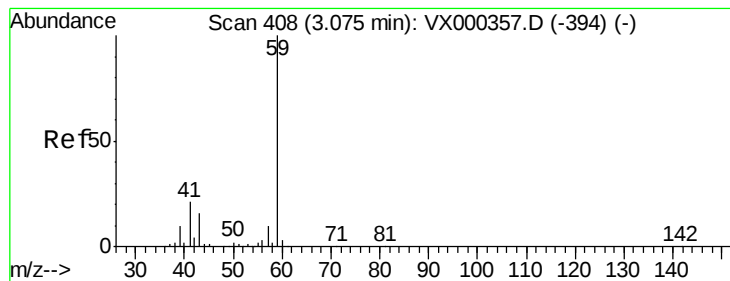


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 5.62 ug/l

RT: 3.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

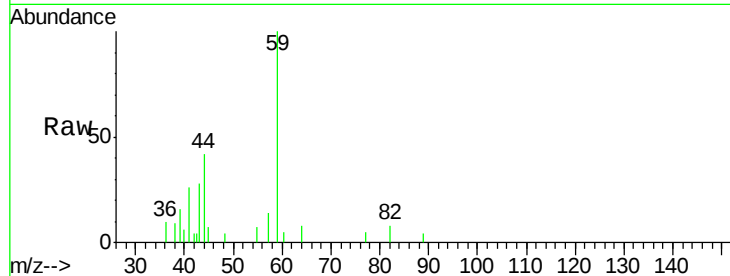
VSTDIC001

Tgt Ion: 59 Resp: 3196

Ion Ratio Lower Upper

59 100

57 10.9 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

1500

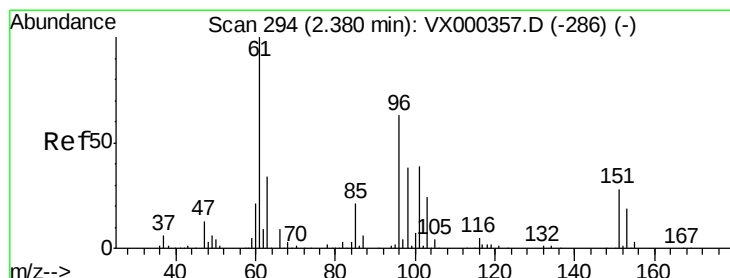
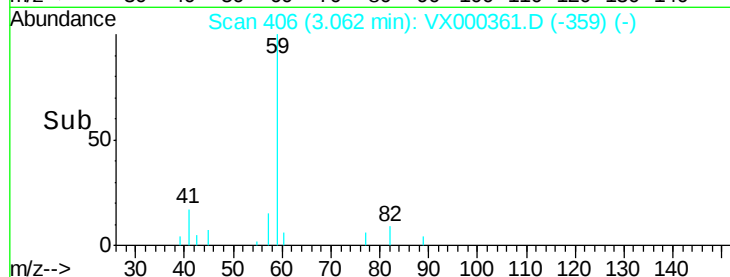
1000

500

0

Time-->

3.00 3.05 3.10 3.15



#12

1,1-Dichloroethene

Concen: 1.13 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

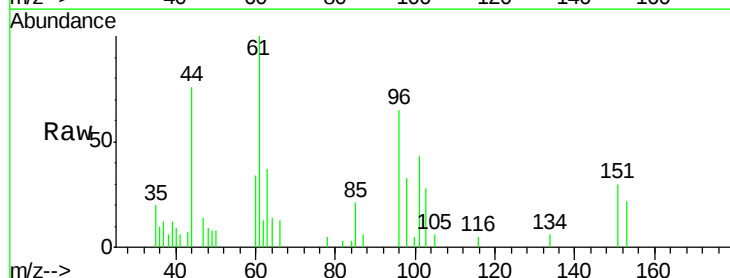
Tgt Ion: 96 Resp: 1561

Ion Ratio Lower Upper

96 100

61 155.0 131.2 196.8

98 51.7 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2000

1500

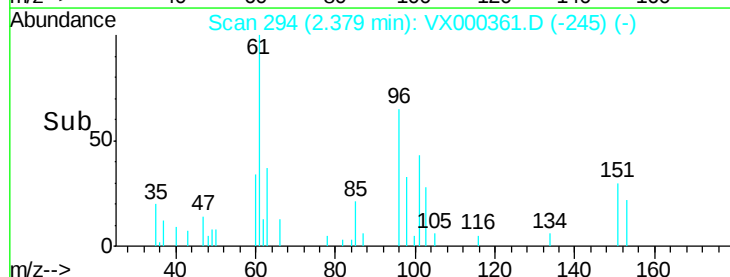
1000

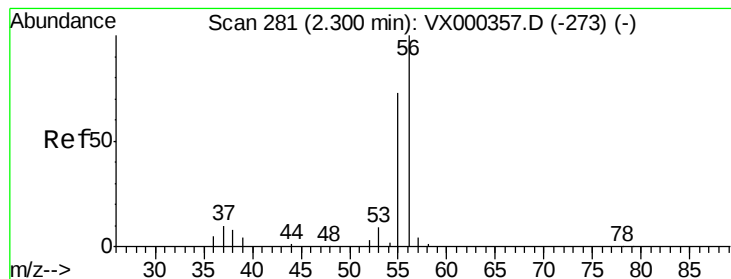
500

0

Time-->

2.35 2.40





#13

Acrolein

Concen: 5.63 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

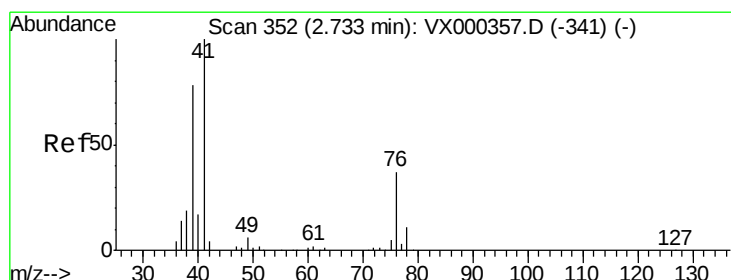
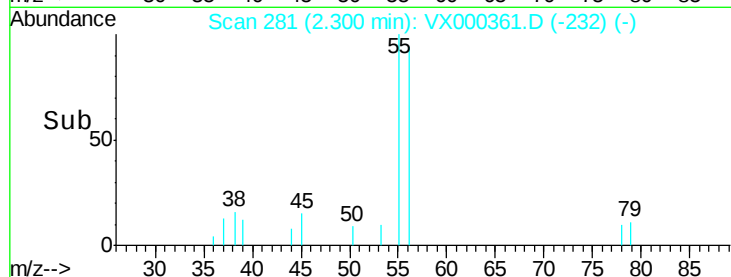
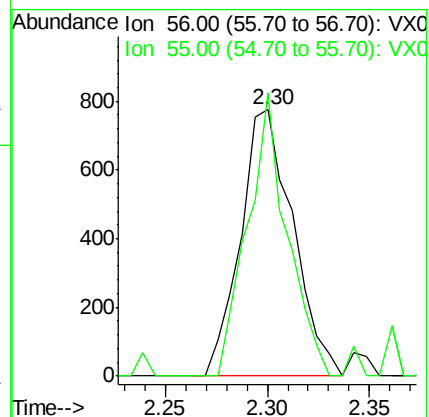
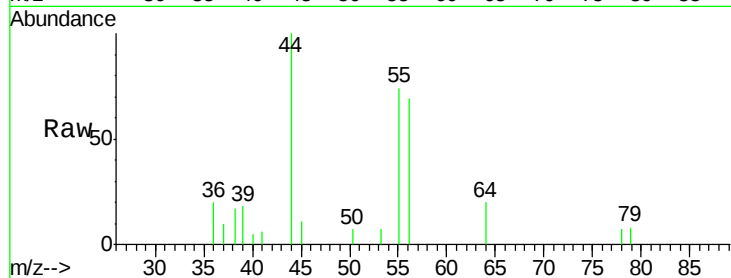
VSTDIC001

Tgt Ion: 56 Resp: 1378

Ion Ratio Lower Upper

56 100

55 80.8 58.8 88.2



#14

Allyl chloride

Concen: 1.38 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

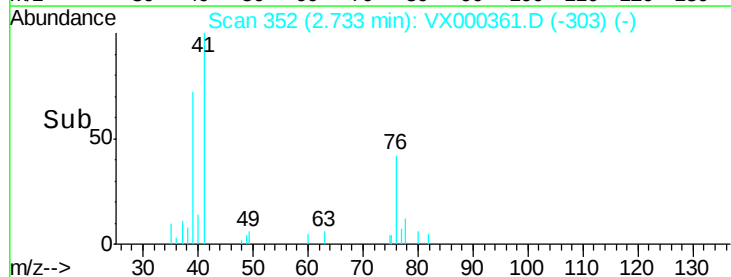
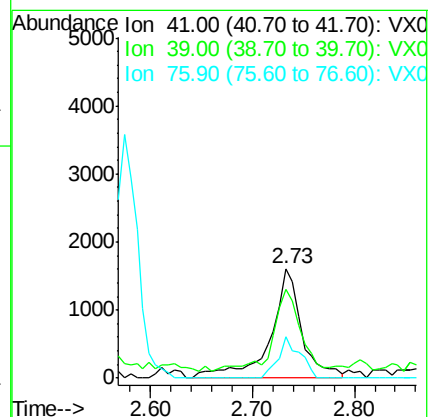
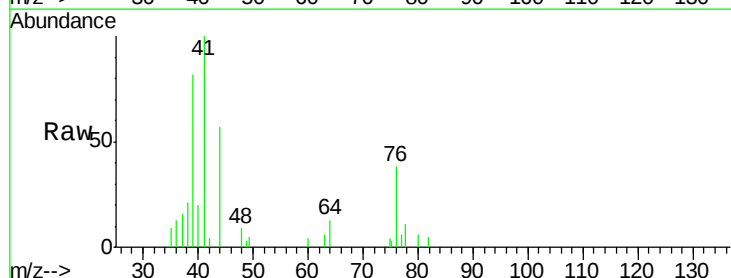
Tgt Ion: 41 Resp: 3403

Ion Ratio Lower Upper

41 100

39 65.7 57.6 86.4

76 26.2 27.3 40.9#

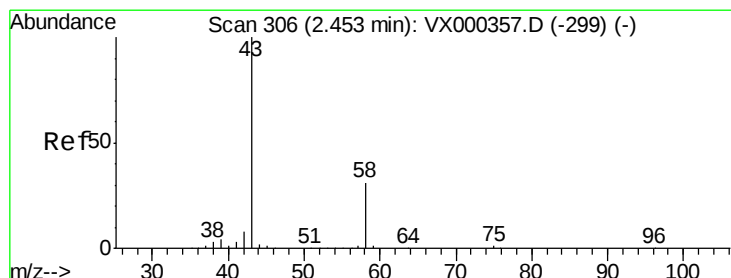
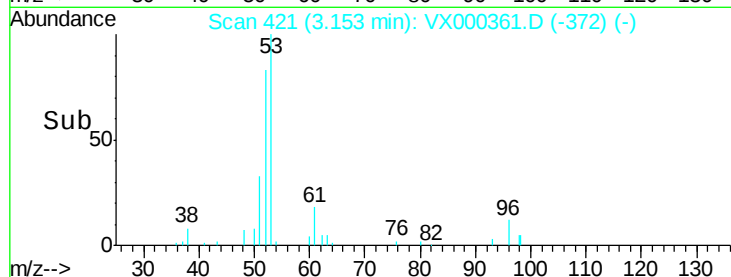
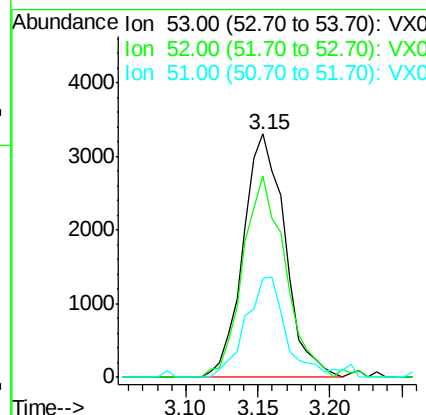
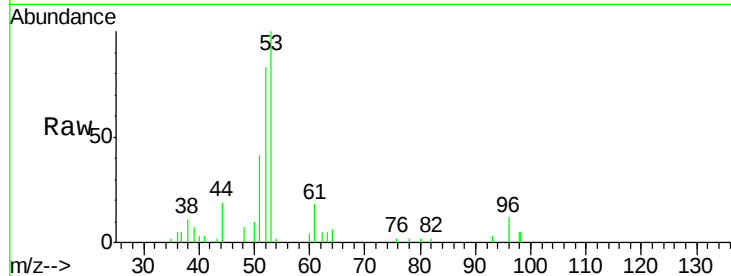




#15
Acrylonitrile
Concen: 6.05 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

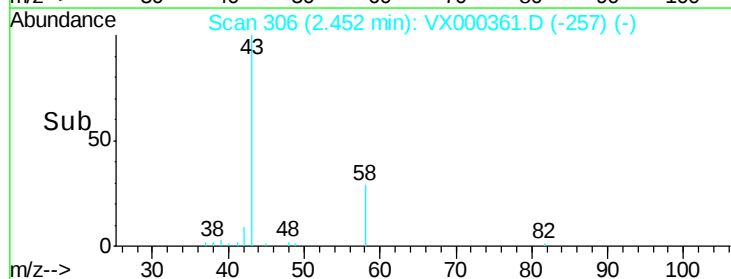
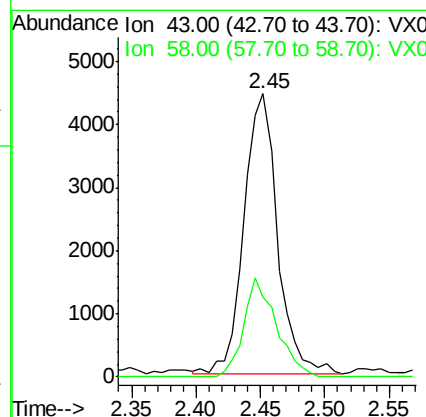
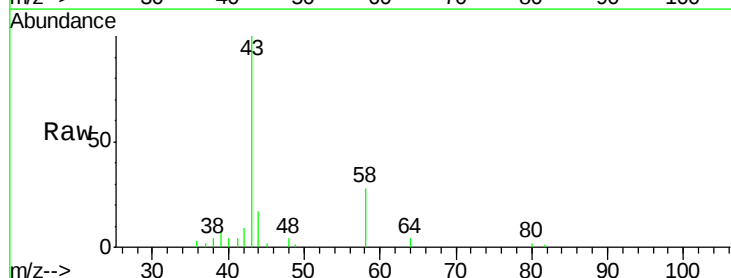
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

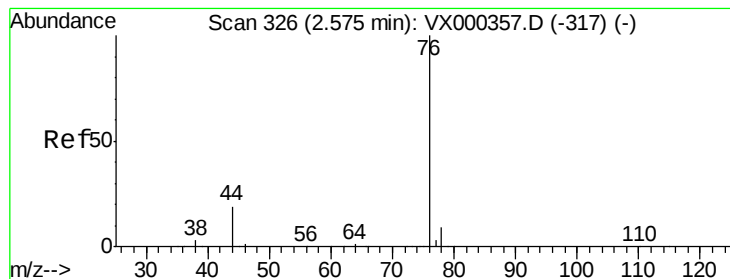
Tgt Ion: 53 Resp: 6636
Ion Ratio Lower Upper
53 100
52 83.7 66.6 99.8
51 40.1 29.3 43.9



#16
Acetone
Concen: 6.75 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion: 43 Resp: 7923
Ion Ratio Lower Upper
43 100
58 28.4 24.7 37.1





#17

Carbon Disulfide

Concen: 1.38 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

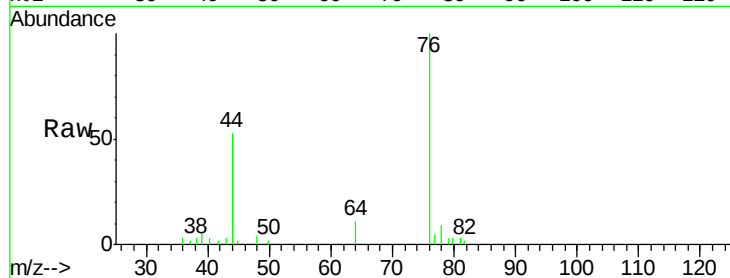
VSTDIC001

Tgt Ion: 76 Resp: 5598

Ion Ratio Lower Upper

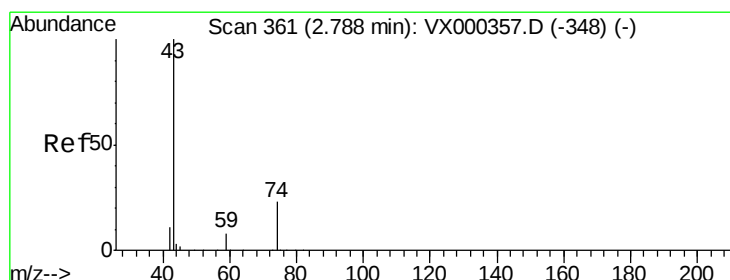
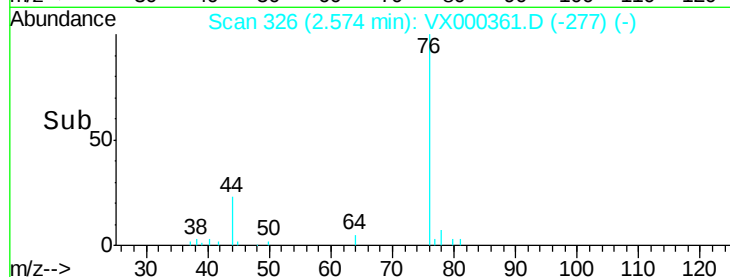
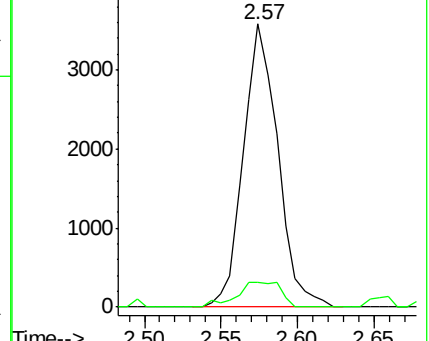
76 100

78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.33 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000361.D

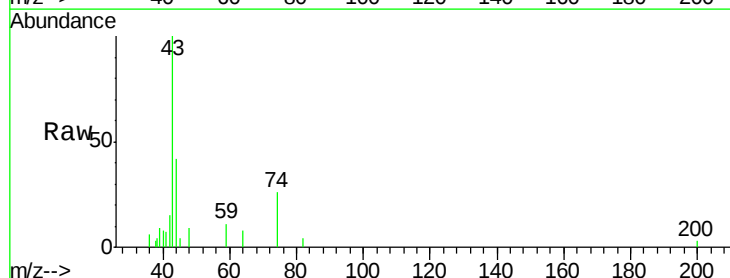
Acq: 20 Mar 2018 13:32

Tgt Ion: 43 Resp: 3494

Ion Ratio Lower Upper

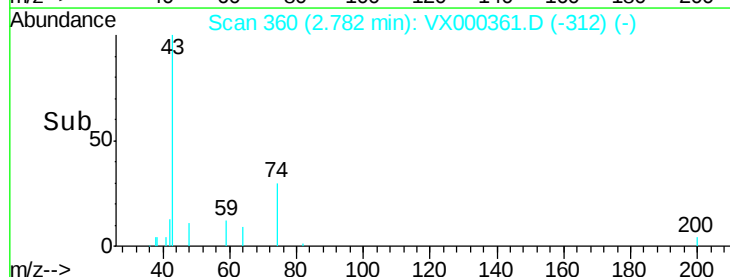
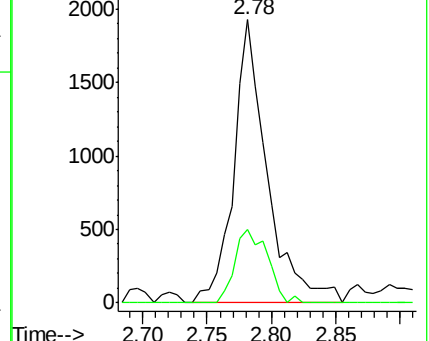
43 100

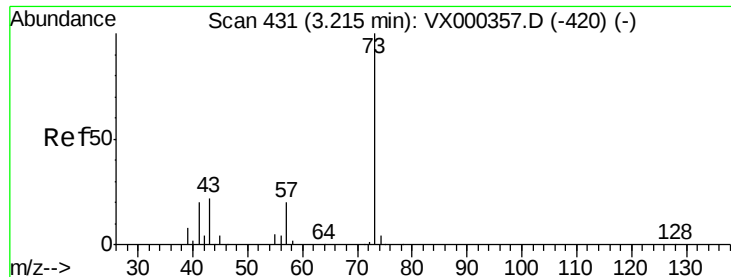
74 25.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 1.15 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

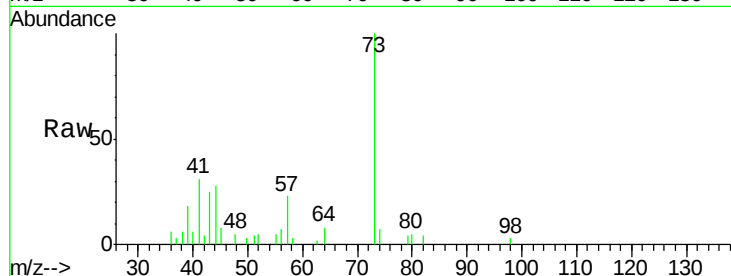
VSTDIC001

Tgt Ion: 73 Resp: 5619

Ion Ratio Lower Upper

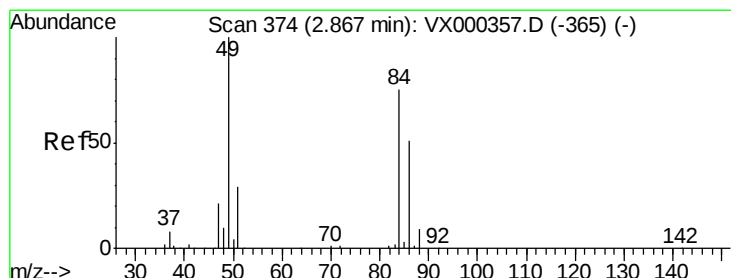
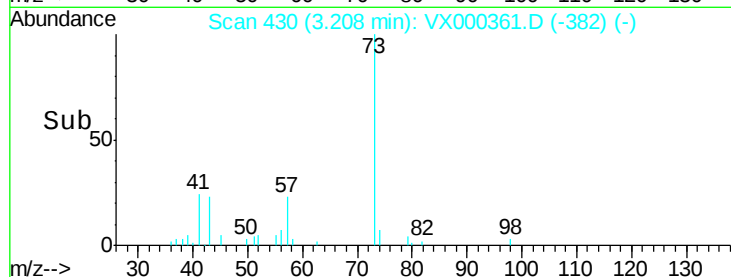
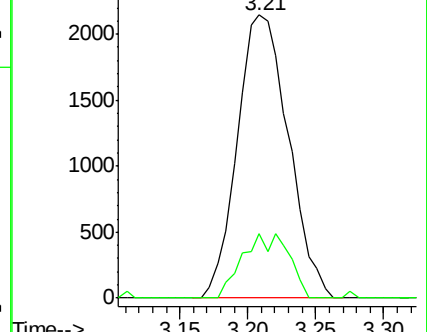
73 100

57 22.6 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 1.33 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Tgt Ion: 84 Resp: 2019

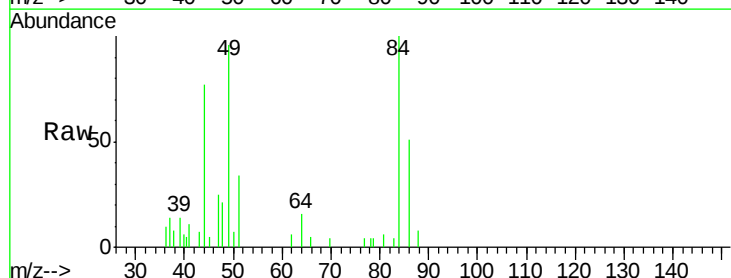
Ion Ratio Lower Upper

84 100

49 95.6 100.6 151.0#

51 34.4 31.6 47.4

86 50.7 52.6 78.8#

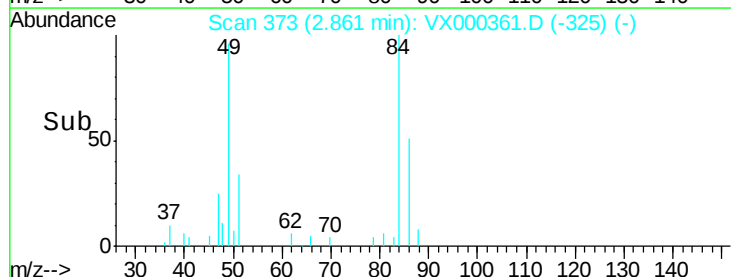
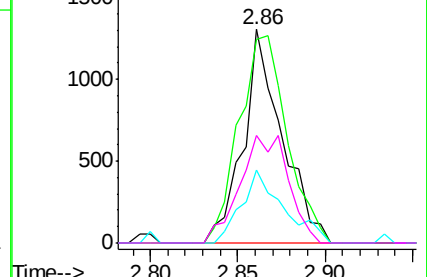


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 1.13 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

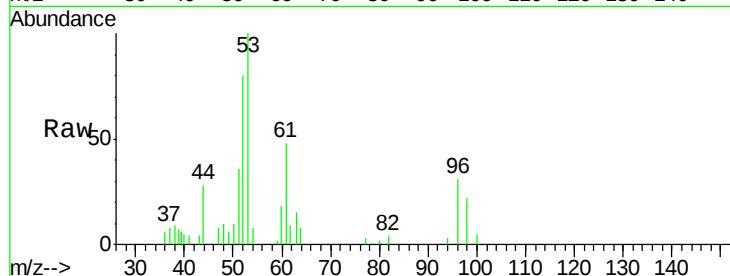
Tgt Ion: 96 Resp: 1728

Ion Ratio Lower Upper

96 100

61 153.7 104.0 156.0

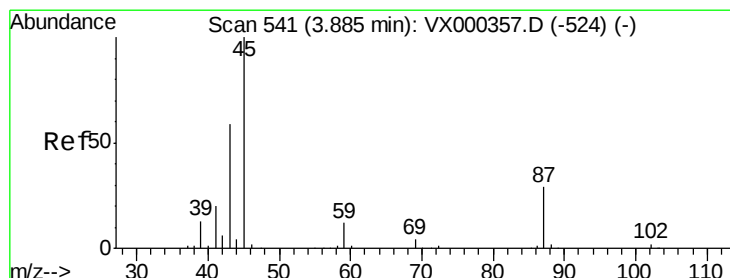
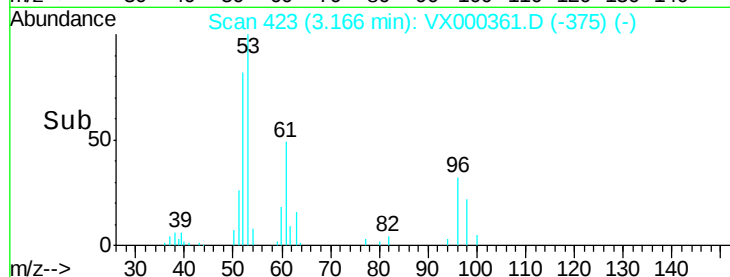
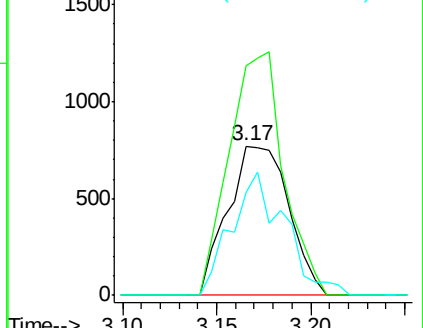
98 69.3 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.99 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Tgt Ion: 45 Resp: 4086

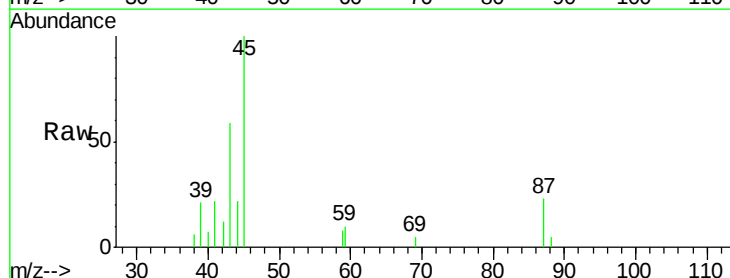
Ion Ratio Lower Upper

45 100

43 59.2 53.9 80.9

87 23.3 22.6 34.0

59 18.3 9.5 14.3#

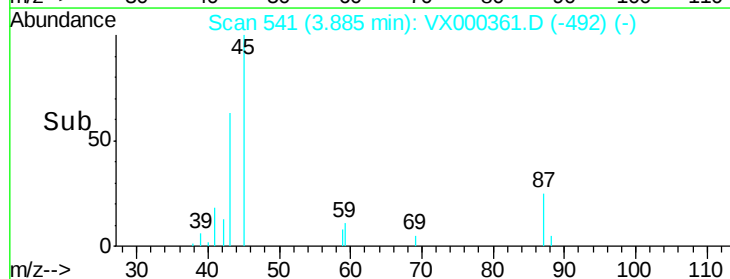
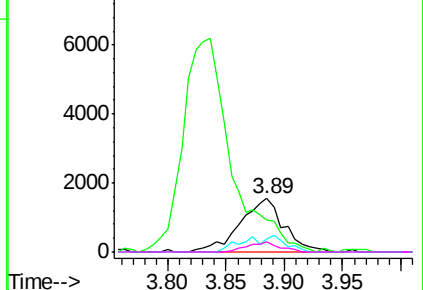


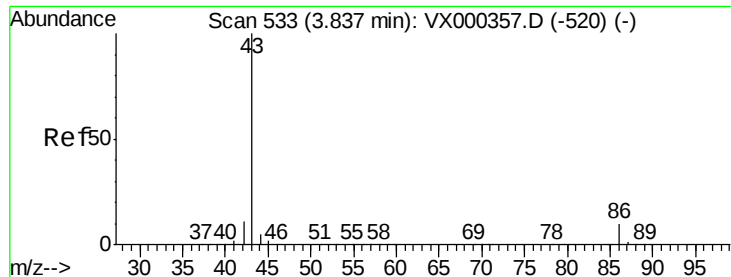
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 4.54 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

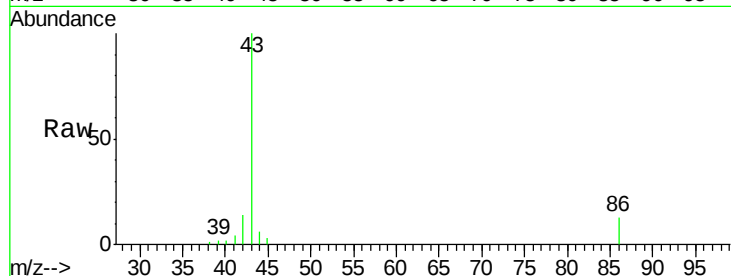
VSTDIC001

Tgt Ion: 43 Resp: 17821

Ion Ratio Lower Upper

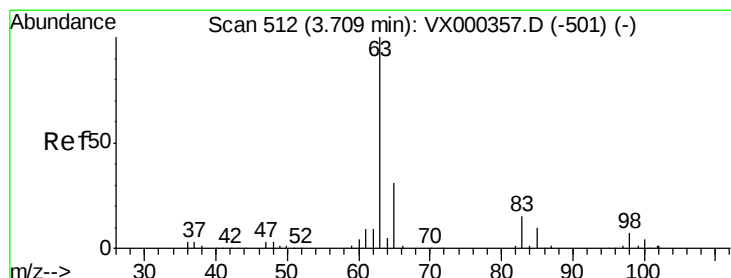
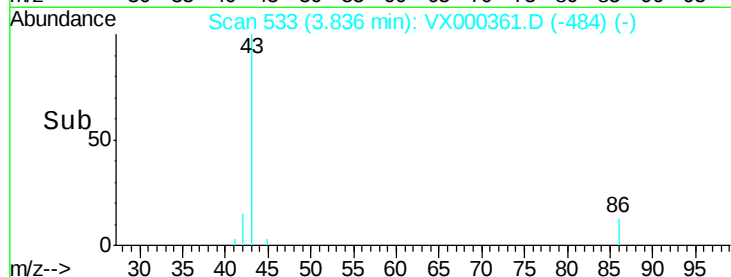
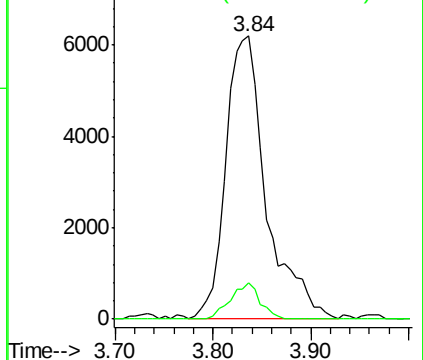
43 100

86 12.9 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.18 ug/l

RT: 3.71 min Scan# 512

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

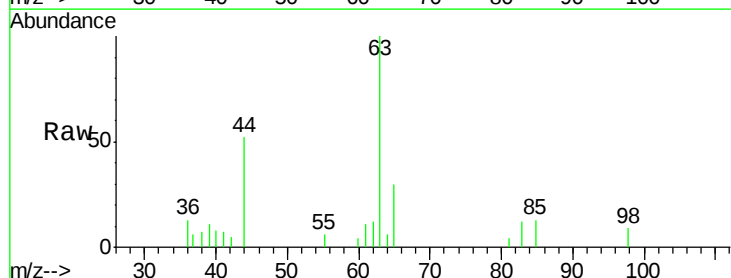
Tgt Ion: 63 Resp: 3064

Ion Ratio Lower Upper

63 100

98 8.9 3.3 9.9

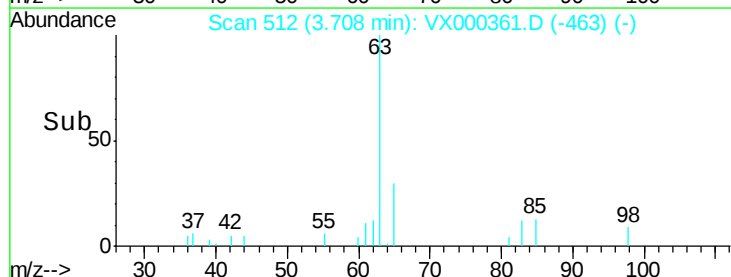
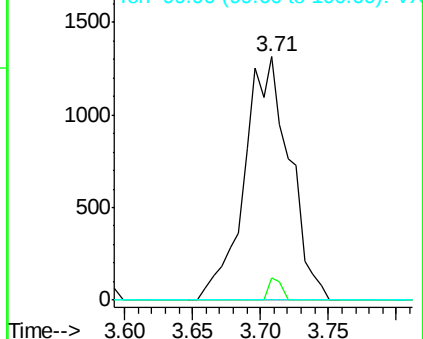
100 0.0 2.0 5.8#

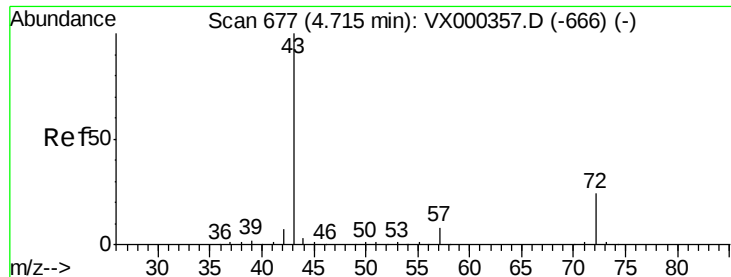


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.63 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

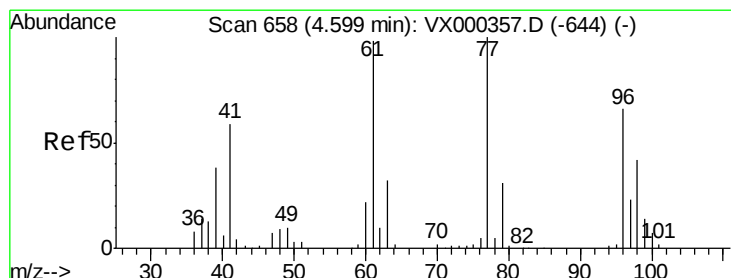
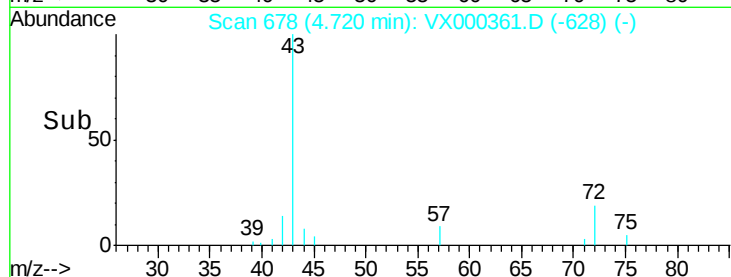
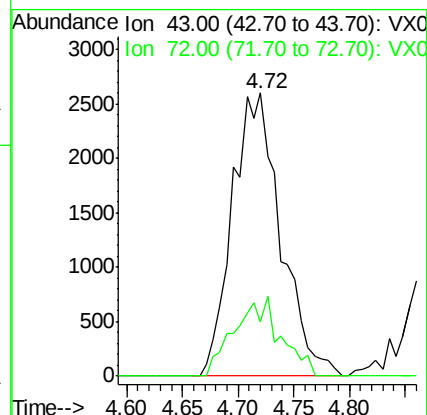
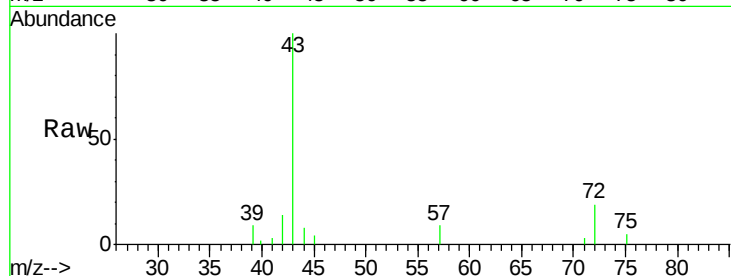
VSTDIC001

Tgt Ion: 43 Resp: 7889

Ion Ratio Lower Upper

43 100

72 19.1 21.0 31.6#



#26

2,2-Dichloropropane

Concen: 0.84 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000361.D

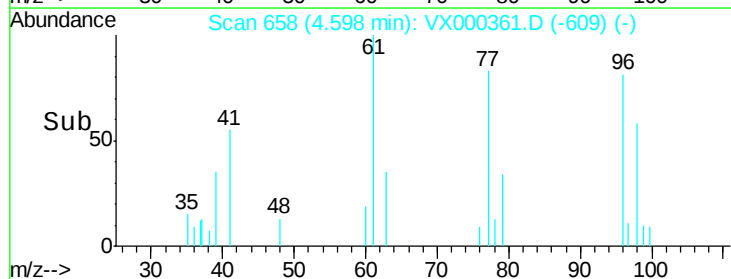
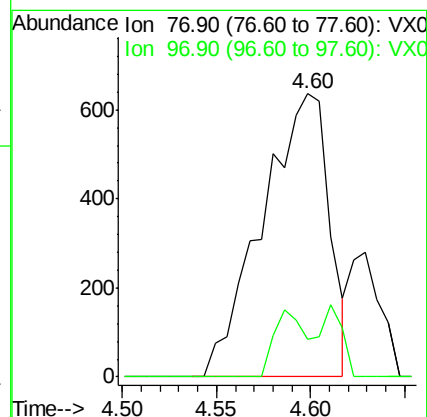
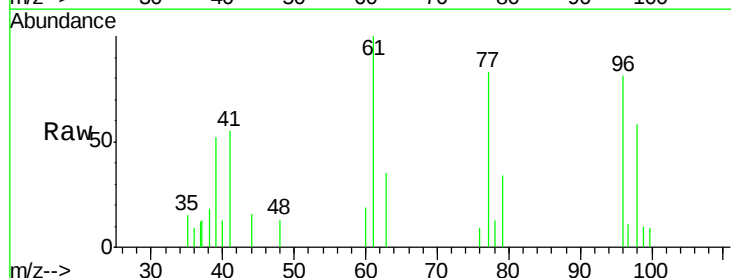
Acq: 20 Mar 2018 13:32

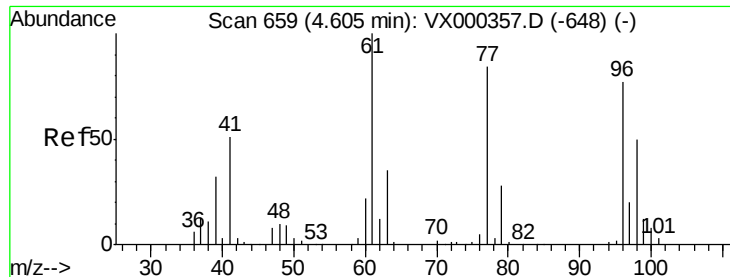
Tgt Ion: 77 Resp: 1572

Ion Ratio Lower Upper

77 100

97 8.5 11.3 33.8#





#27

cis-1,2-Dichloroethene

Concen: 1.17 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

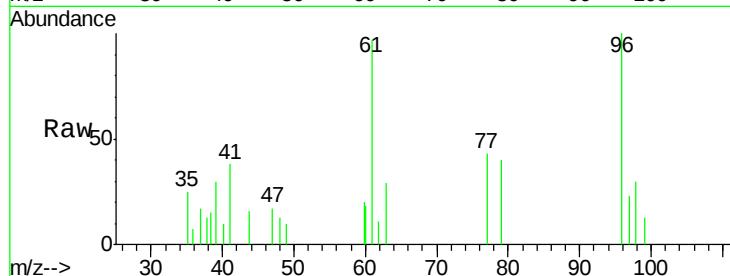
Tgt Ion: 96 Resp: 1638

Ion Ratio Lower Upper

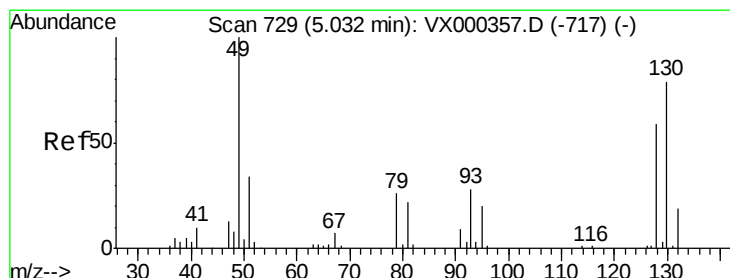
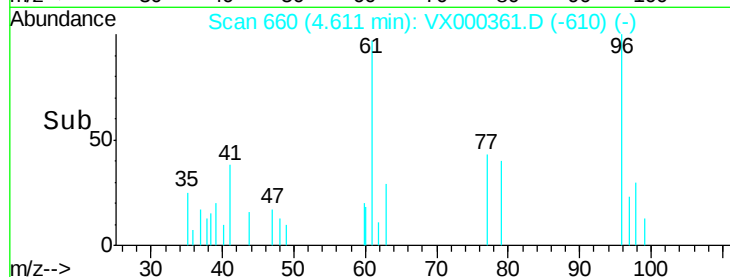
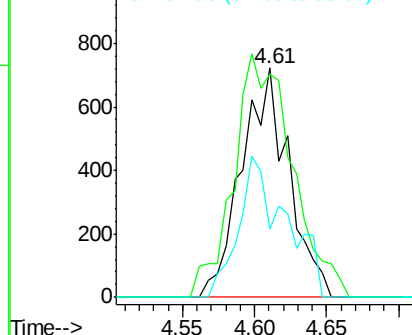
96 100

61 131.9 0.0 291.6

98 61.8 0.0 132.0



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



#28

Bromochloromethane

Concen: 1.00 ug/l

RT: 5.04 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

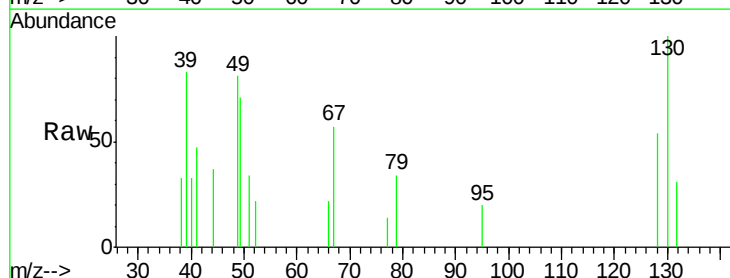
Tgt Ion: 49 Resp: 1091

Ion Ratio Lower Upper

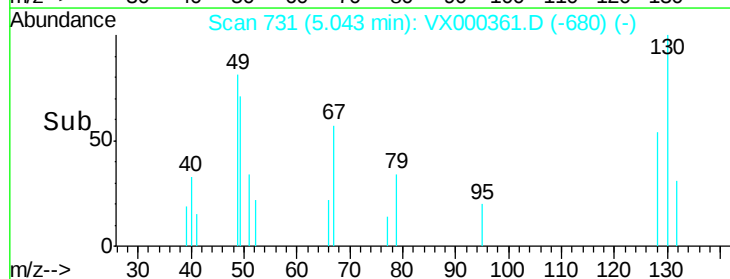
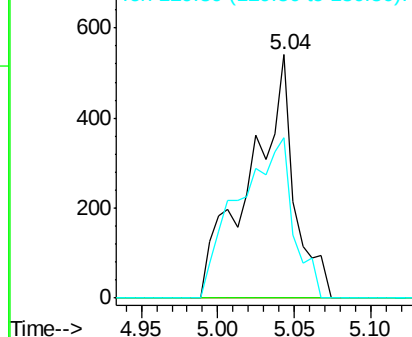
49 100

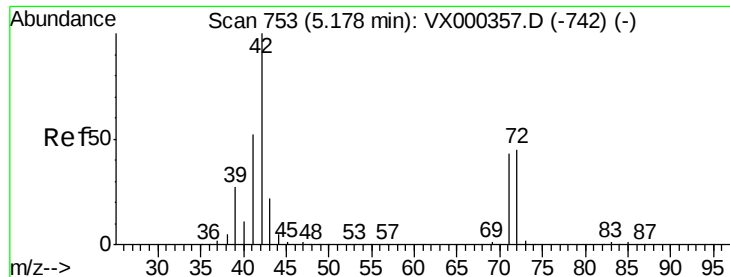
129 0.0 0.0 5.0

130 81.9 64.0 96.0



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

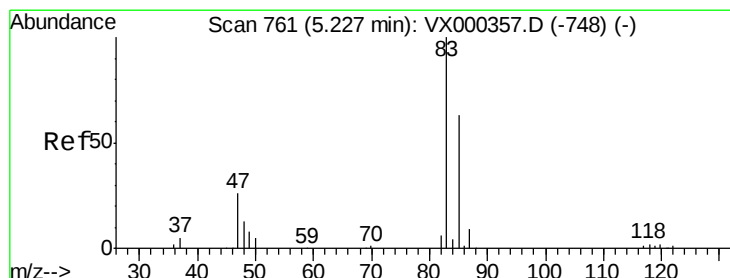
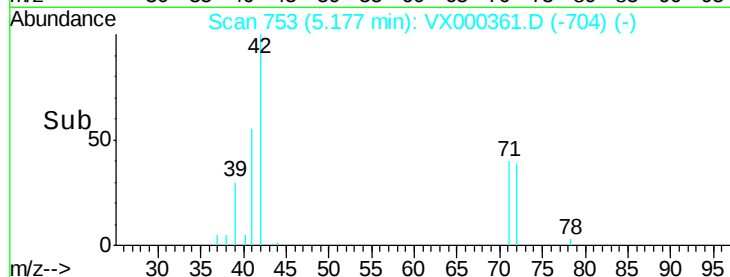
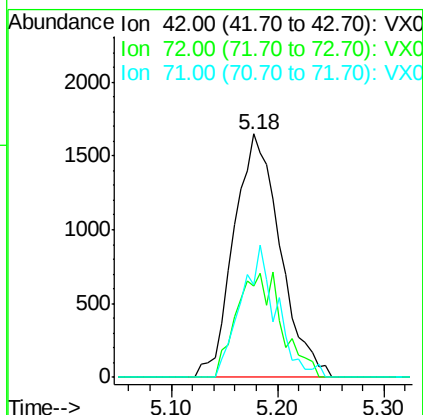
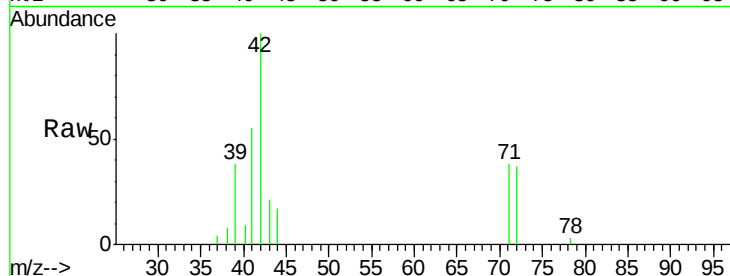




#29
Tetrahydrofuran
Concen: 5.58 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

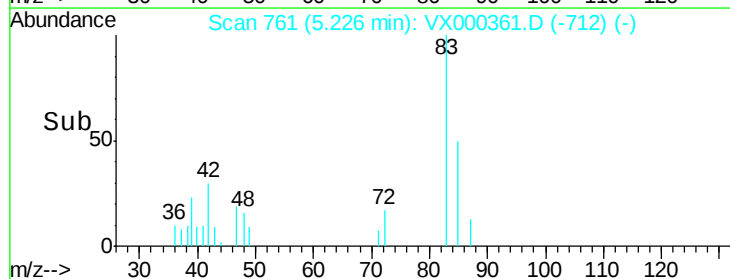
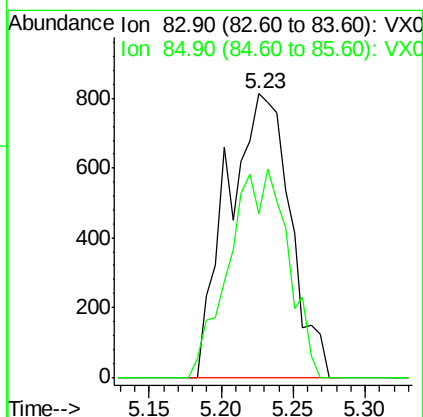
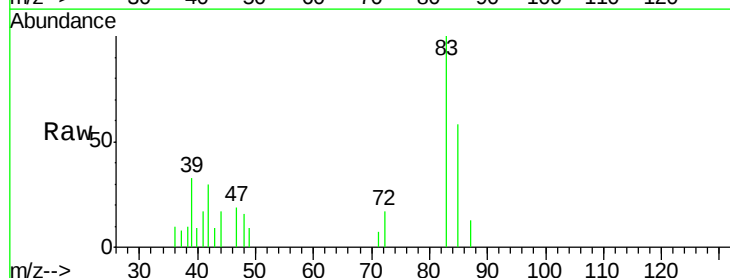
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

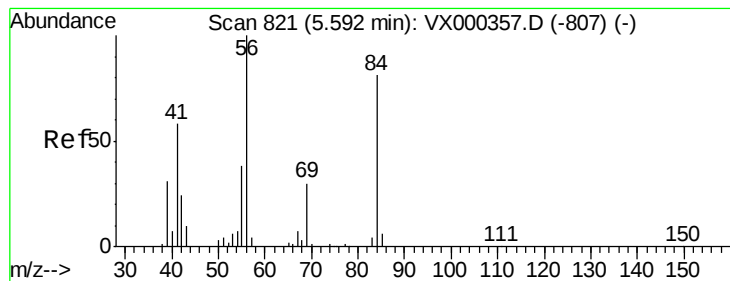
Tgt Ion: 42 Resp: 5036
Ion Ratio Lower Upper
42 100
72 41.8 37.9 56.9
71 42.0 34.4 51.6



#30
Chloroform
Concen: 1.00 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion: 83 Resp: 2447
Ion Ratio Lower Upper
83 100
85 57.7 53.3 79.9





#31

Cyclohexane

Concen: 1.19 ug/l

RT: 5.59 min Scan# 821

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

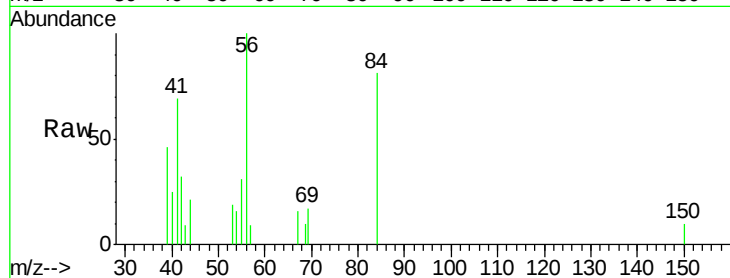
Tgt Ion: 56 Resp: 2368

Ion Ratio Lower Upper

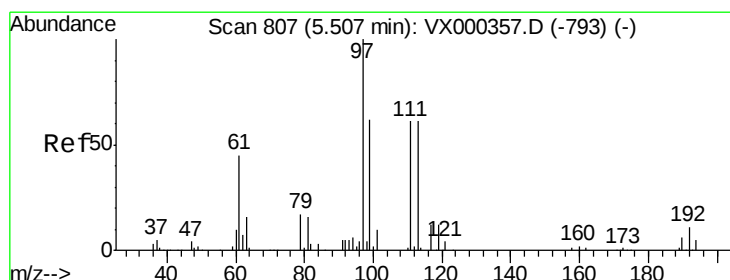
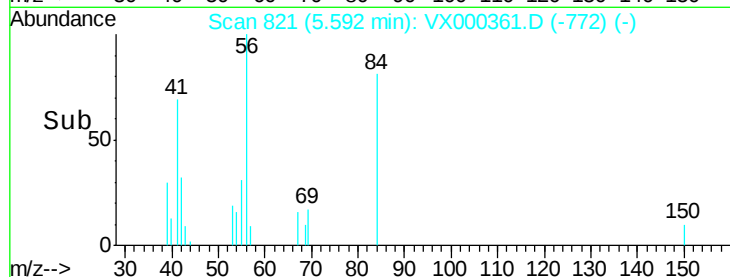
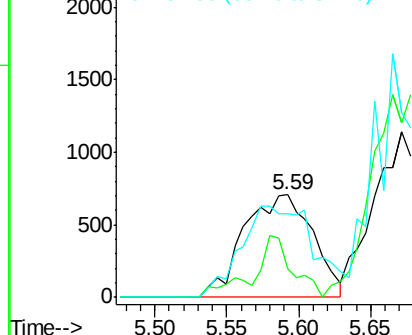
56 100

69 27.7 23.4 35.0

84 80.9 71.0 106.4



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



#32

1,1,1-Trichloroethane

Concen: 1.11 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

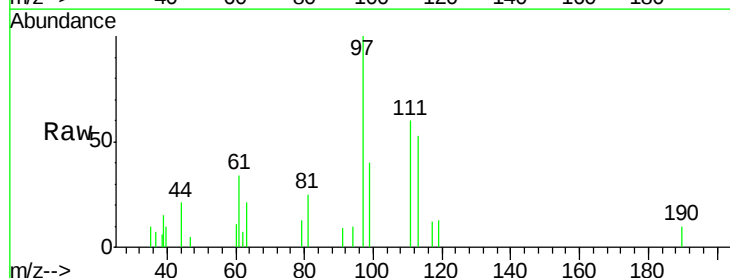
Tgt Ion: 97 Resp: 2403

Ion Ratio Lower Upper

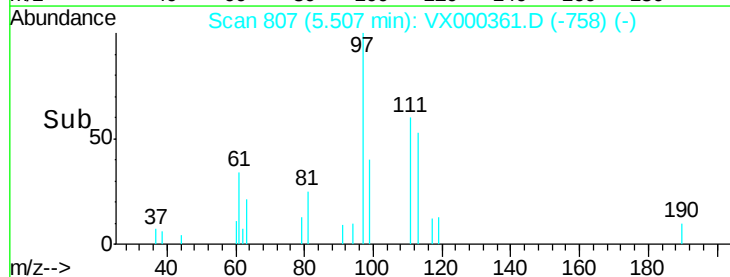
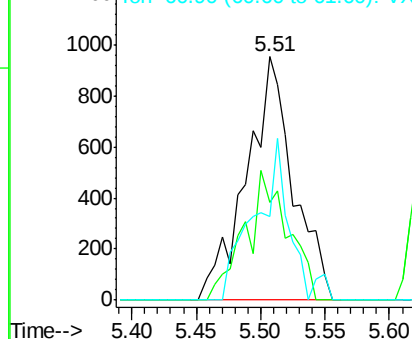
97 100

99 0.0 52.1 78.1#

61 49.6 36.2 54.4



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

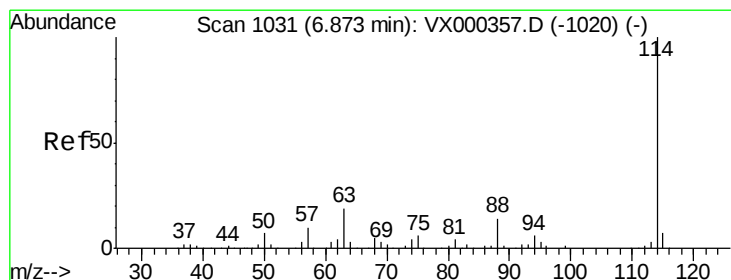
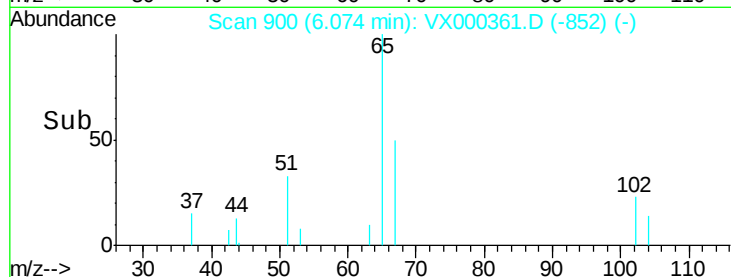
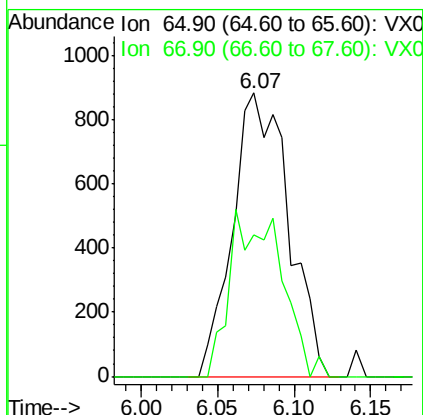
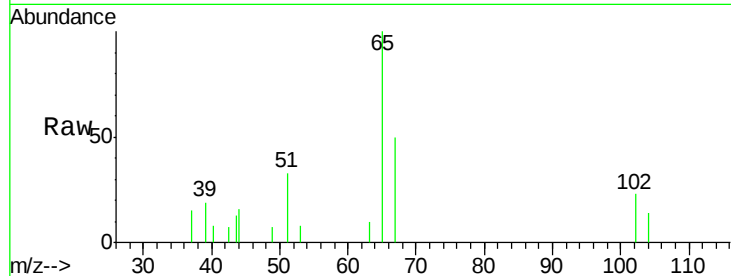




#33
 1,2-Dichloroethane-d4
 Concen: 1.28 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

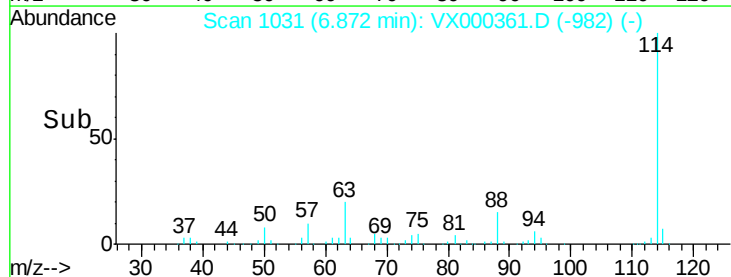
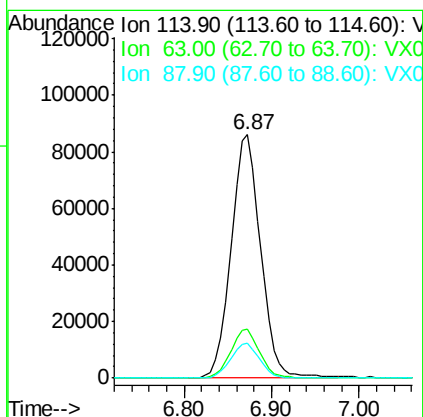
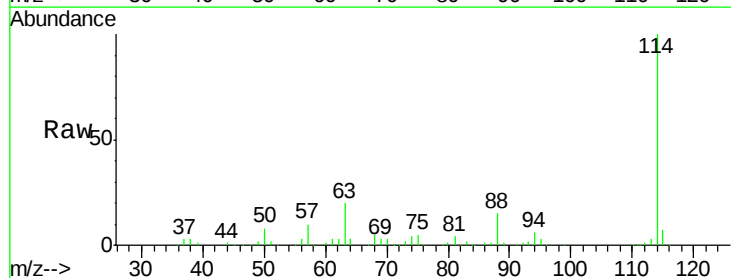
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

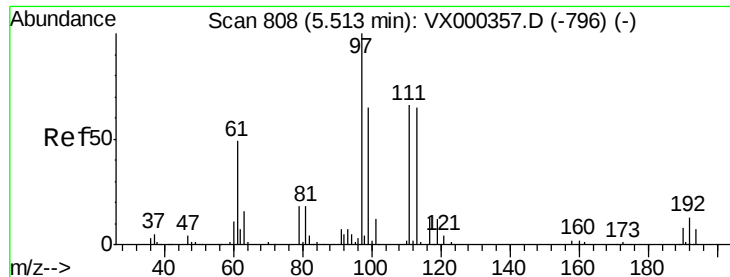
Tgt Ion: 65 Resp: 2250
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Tgt Ion: 114 Resp: 201850
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.4
 88 14.5 0.0 27.0





#35

Dibromofluoromethane

Concen: 1.13 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

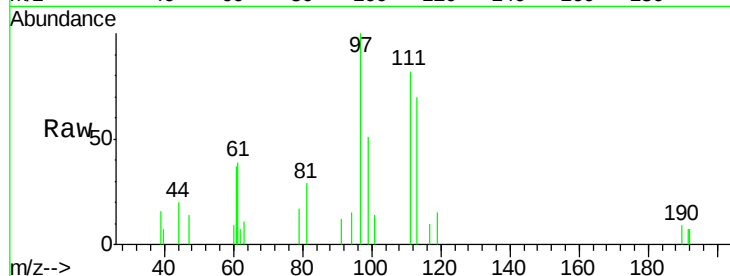
Tgt Ion:113 Resp: 1441

Ion Ratio Lower Upper

113 100

111 112.6 82.4 123.6

192 5.4 15.8 23.6#

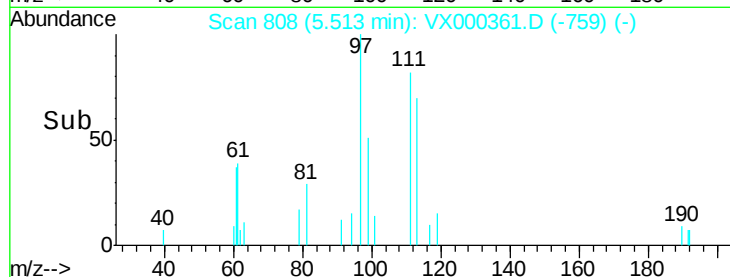


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

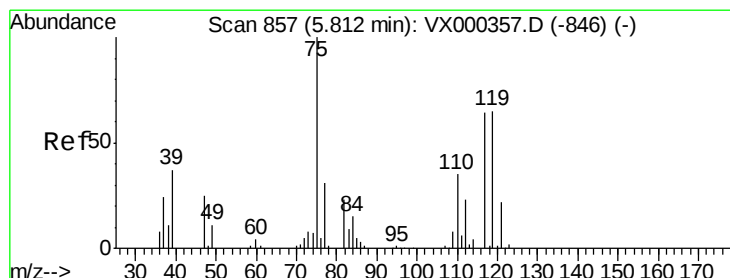
Ion 191.70 (191.40 to 192.40): V

Time-->



Abundance

Time-->



#36

1,1-Dichloropropene

Concen: 1.16 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

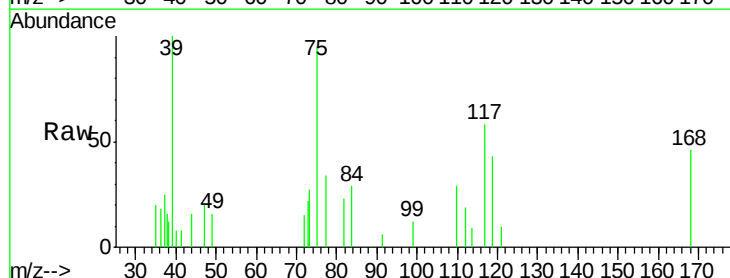
Tgt Ion: 75 Resp: 2128

Ion Ratio Lower Upper

75 100

110 29.5 17.9 53.7

77 29.9 24.0 36.0

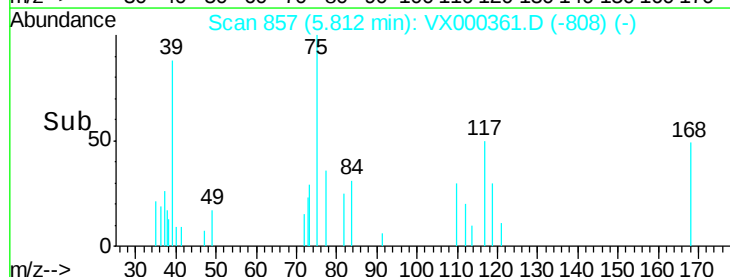


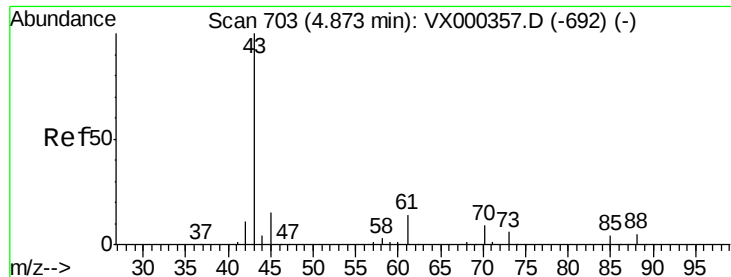
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

Time-->





#37

Ethyl Acetate

Concen: 1.17 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

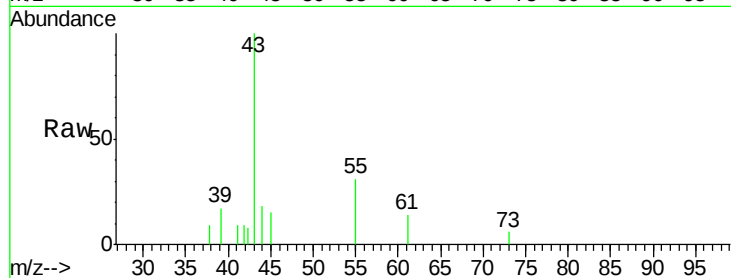
Tgt Ion: 43 Resp: 2854

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

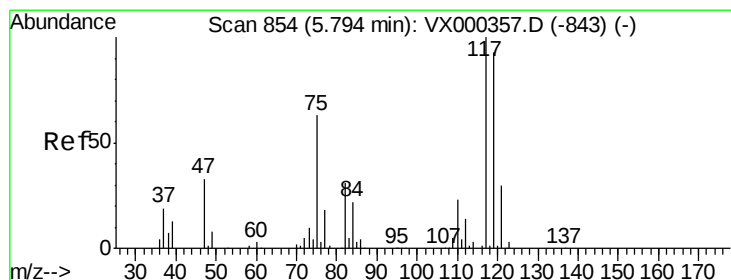
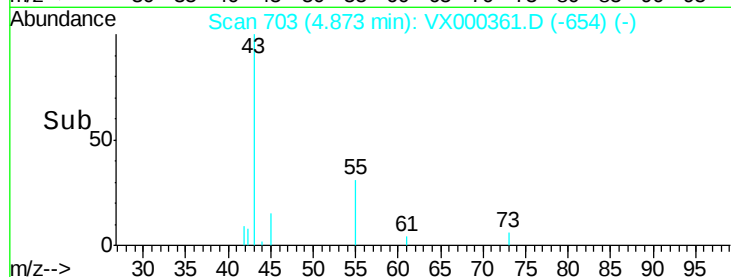
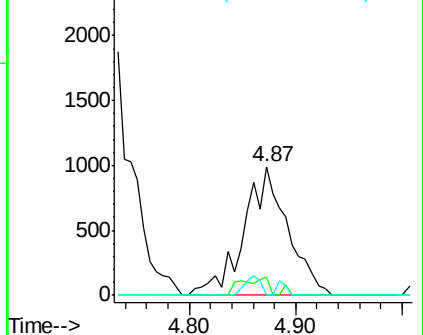
70 5.6 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 1.25 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

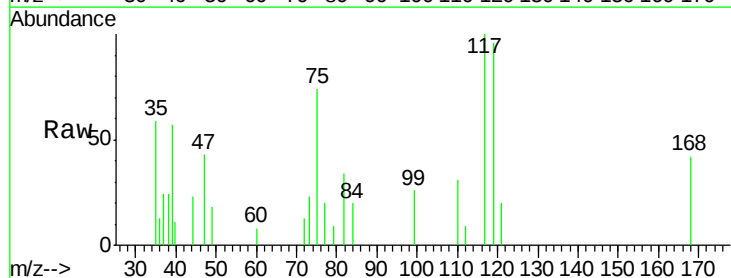
Tgt Ion: 117 Resp: 2308

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.2

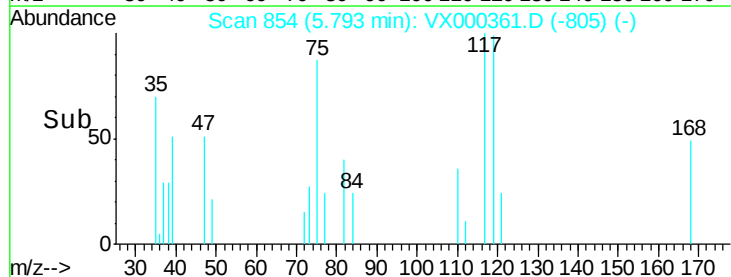
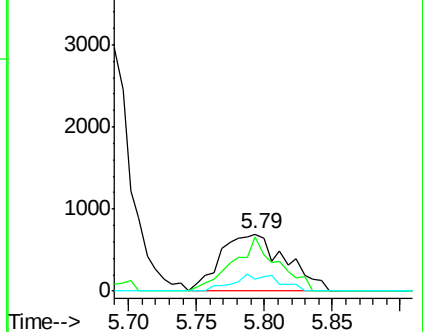
121 20.1 24.8 37.2#

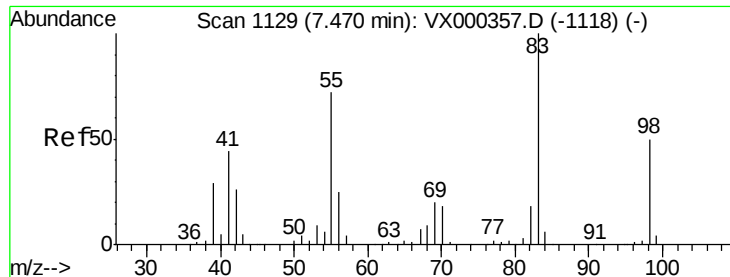


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 1.16 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

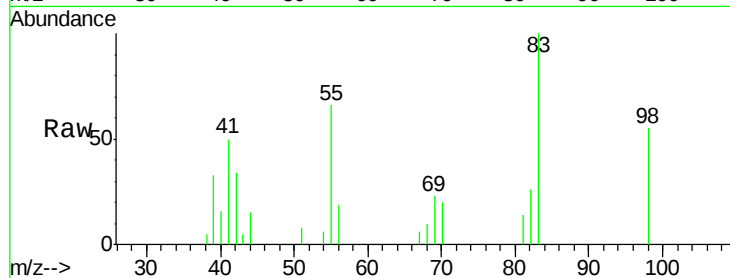
Tgt Ion: 83 Resp: 2474

Ion Ratio Lower Upper

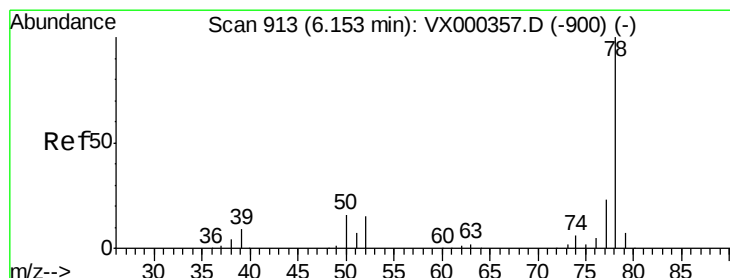
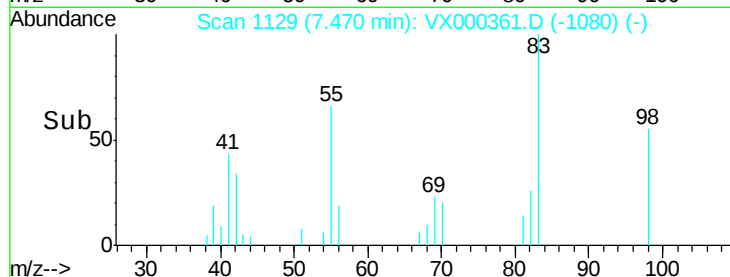
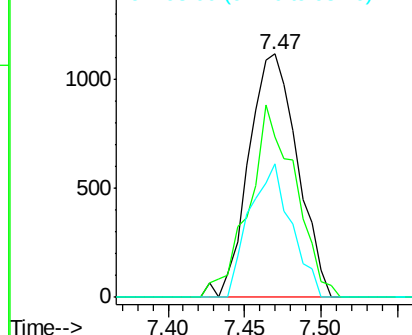
83 100

55 66.1 55.5 83.3

98 54.8 38.2 57.4



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



#40

Benzene

Concen: 1.16 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000361.D

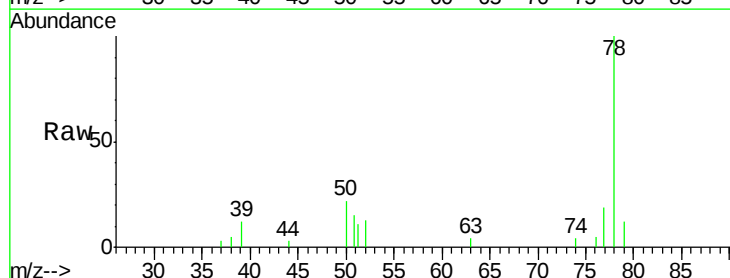
Acq: 20 Mar 2018 13:32

Tgt Ion: 78 Resp: 6050

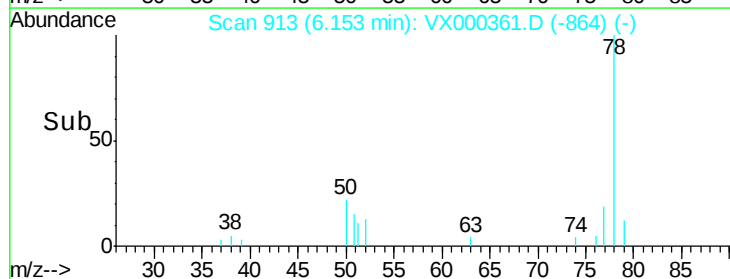
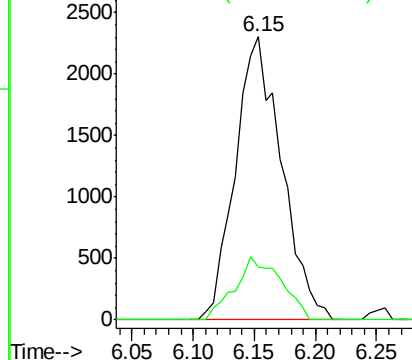
Ion Ratio Lower Upper

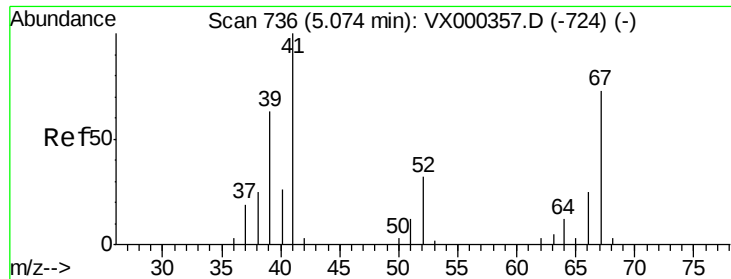
78 100

77 18.8 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 1.25 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 1605

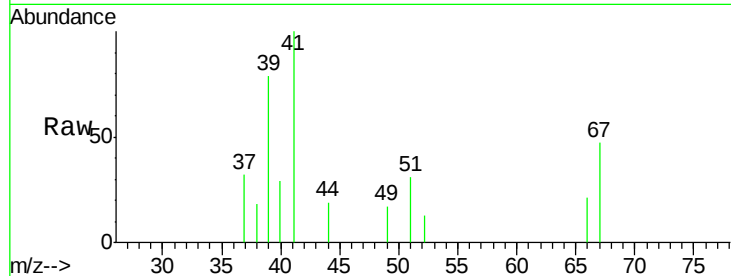
Ion Ratio Lower Upper

41 100

39 0.0 45.7 68.5#

67 0.0 57.8 86.8#

52 21.2 26.7 40.1#

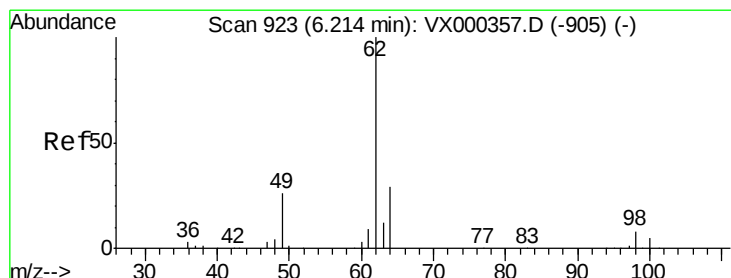
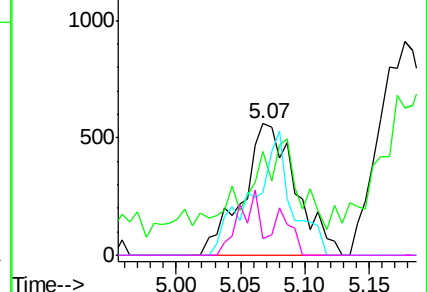
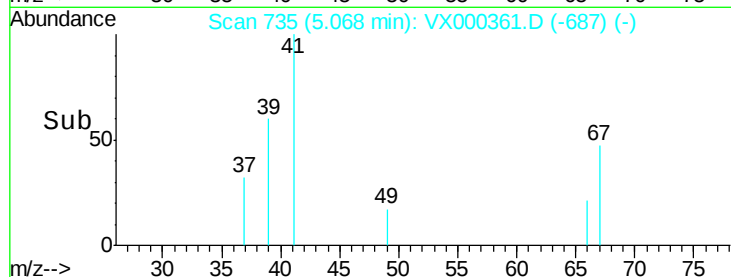


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 1.21 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.01 min

Lab File: VX000361.D

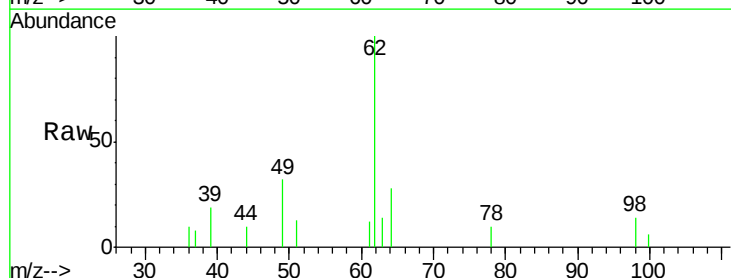
Acq: 20 Mar 2018 13:32

Tgt Ion: 62 Resp: 2494

Ion Ratio Lower Upper

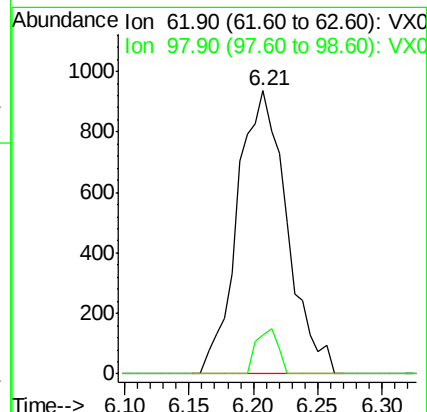
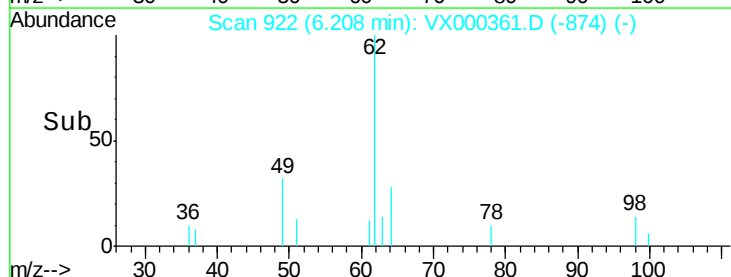
62 100

98 6.9 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 1.13 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

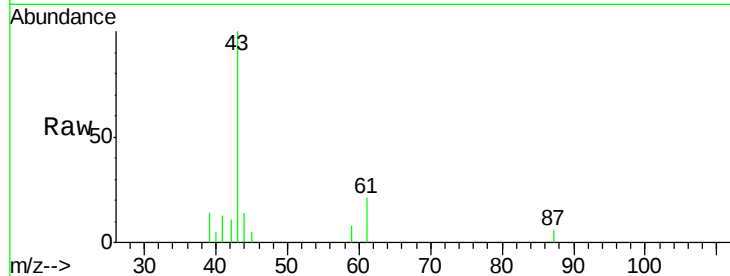
Tgt Ion: 43 Resp: 3987

Ion Ratio Lower Upper

43 100

61 18.1 14.4 21.6

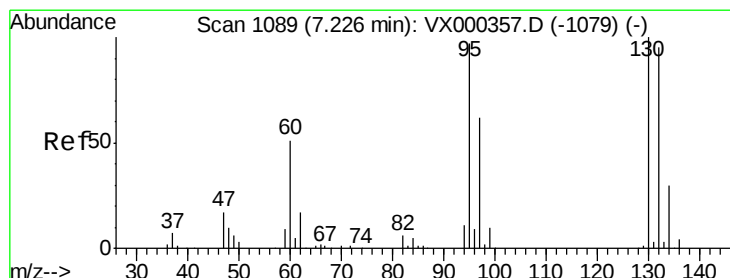
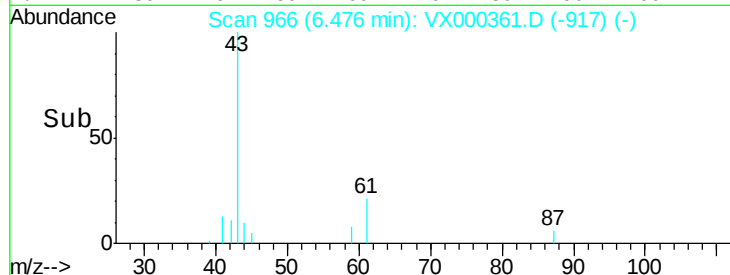
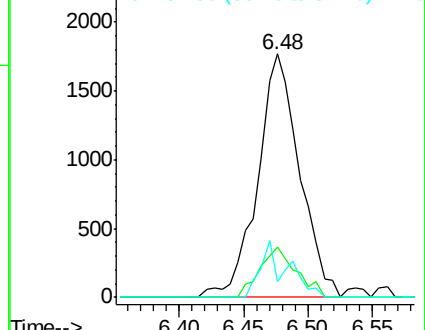
87 9.7 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.20 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000361.D

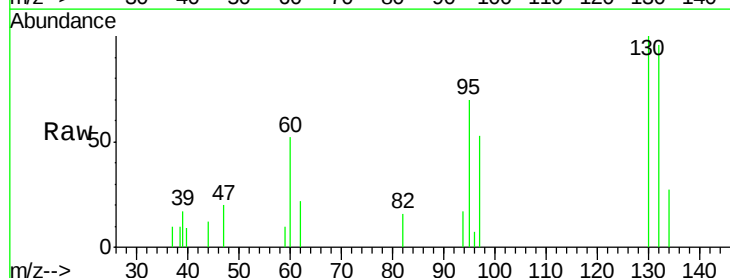
Acq: 20 Mar 2018 13:32

Tgt Ion: 130 Resp: 1813

Ion Ratio Lower Upper

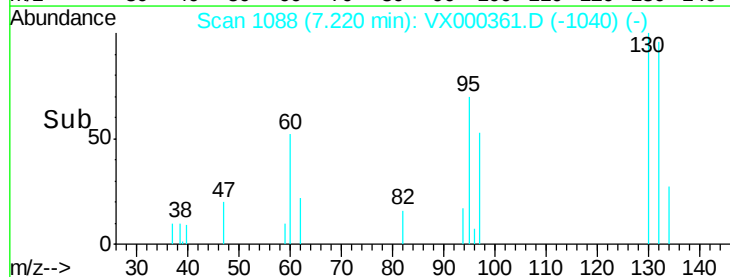
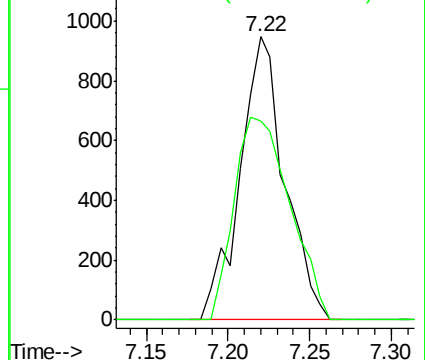
130 100

95 70.4 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 1.09 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

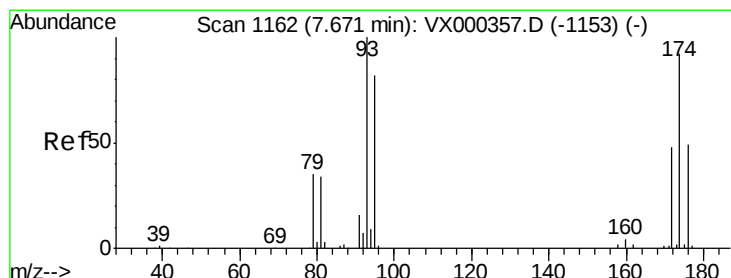
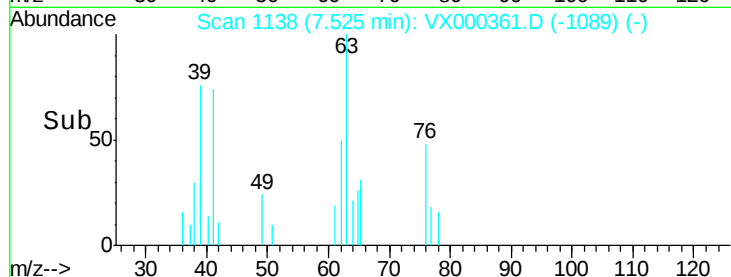
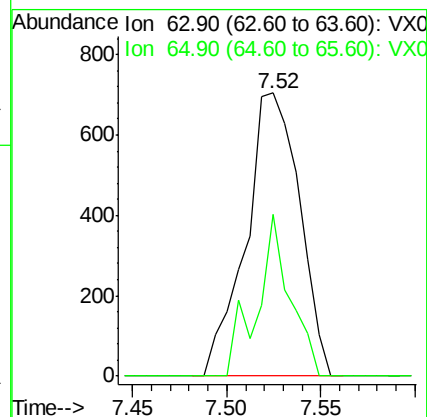
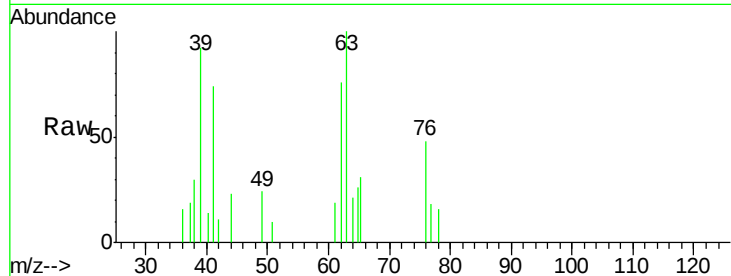
VSTDIC001

Tgt Ion: 63 Resp: 1393

Ion Ratio Lower Upper

63 100

65 57.1 24.6 36.8#



#46

Dibromomethane

Concen: 1.25 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

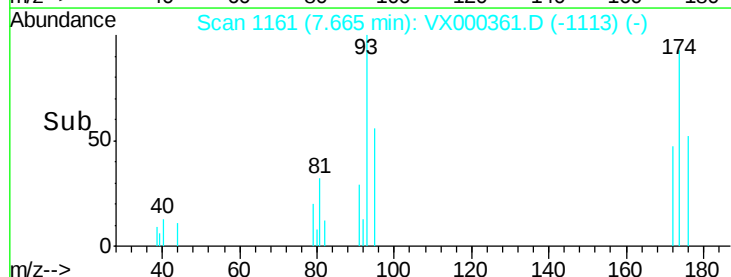
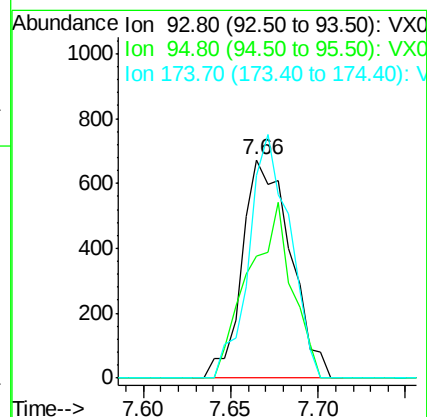
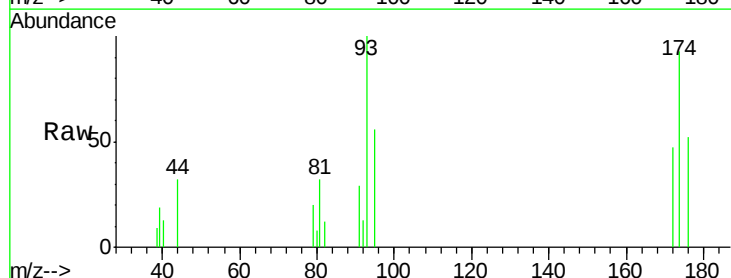
Tgt Ion: 93 Resp: 1293

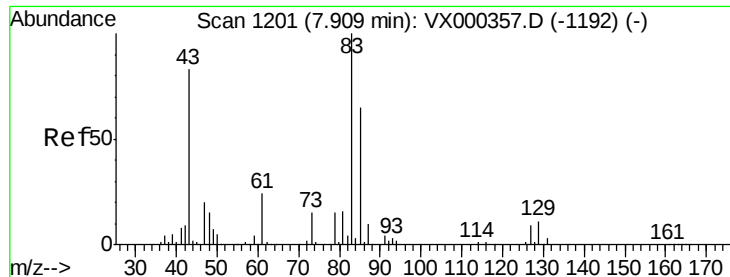
Ion Ratio Lower Upper

93 100

95 72.2 66.5 99.7

174 93.7 76.0 114.0





#47

Bromodichloromethane

Concen: 1.01 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

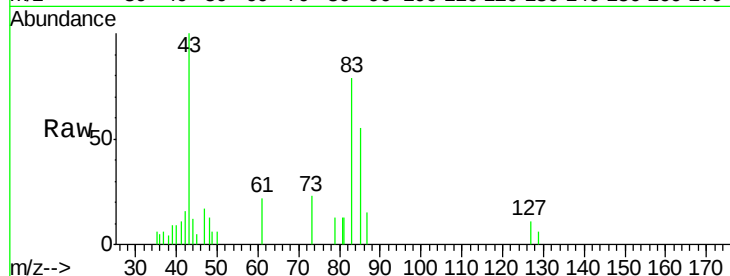
Tgt Ion: 83 Resp: 1857

Ion Ratio Lower Upper

83 100

85 70.0 51.4 77.0

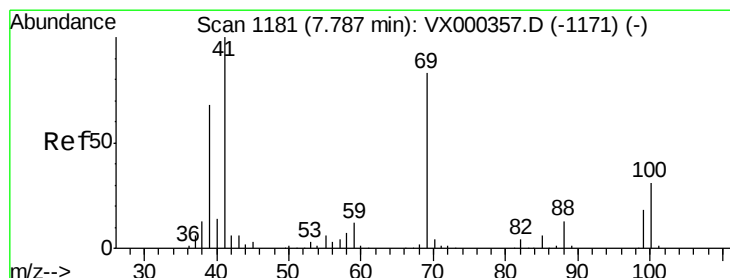
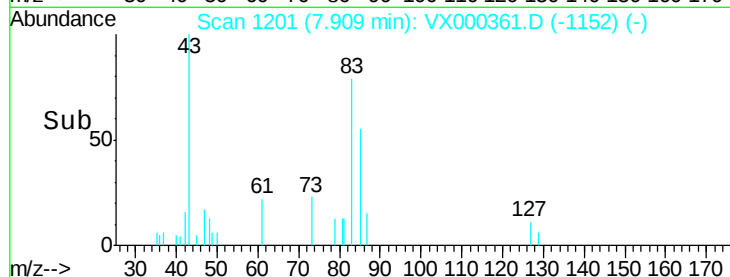
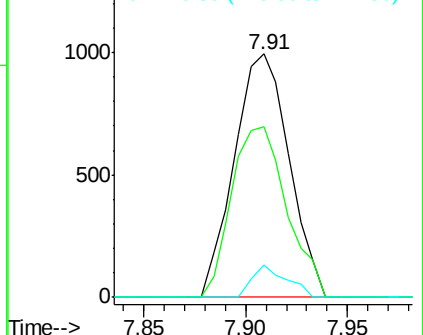
127 13.3 7.0 10.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.08 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

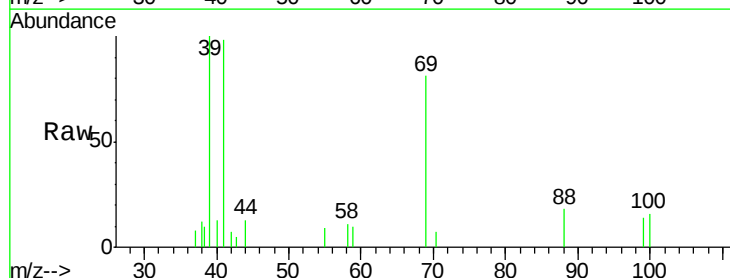
Tgt Ion: 41 Resp: 1923

Ion Ratio Lower Upper

41 100

69 82.9 68.2 102.4

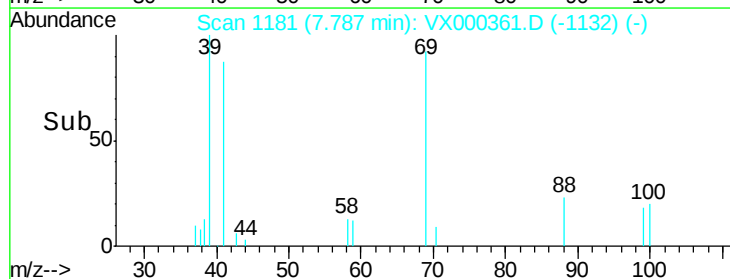
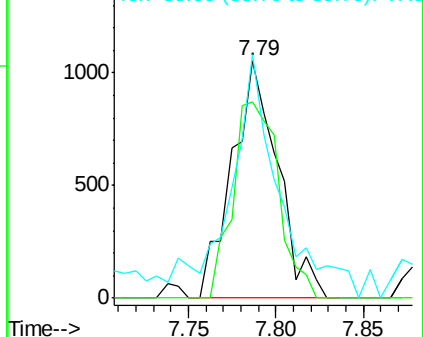
39 110.3 54.6 81.8#

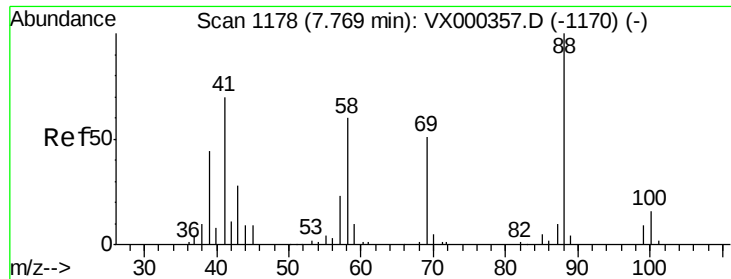


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

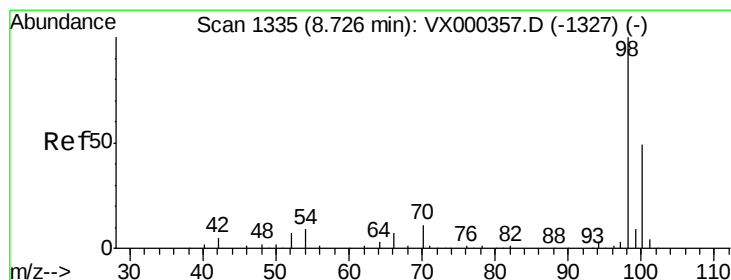
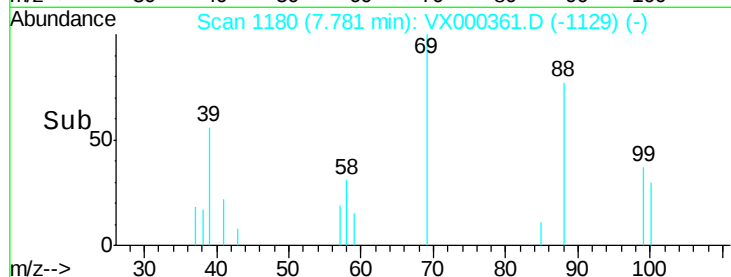
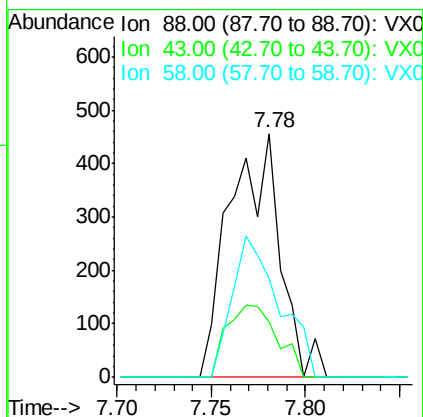
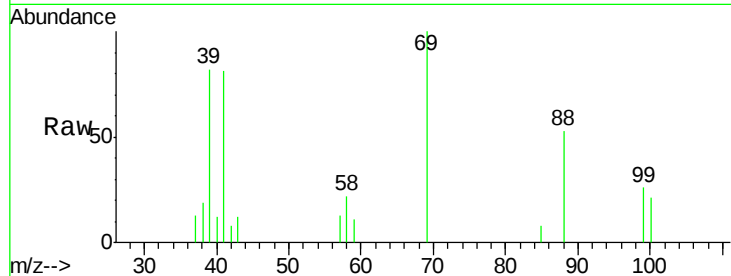




#49
 1,4-Dioxane
 Concen: 21.16 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

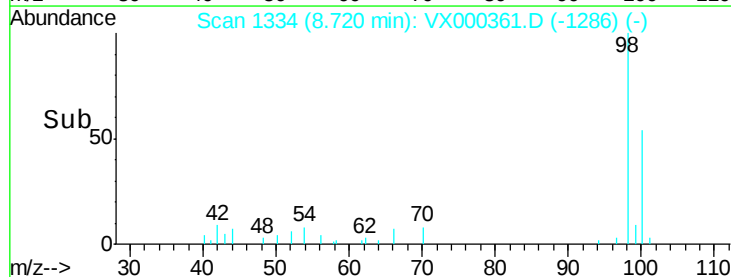
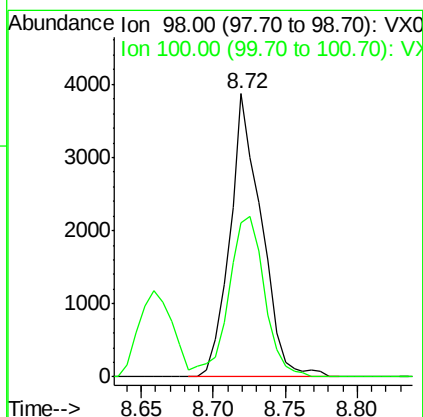
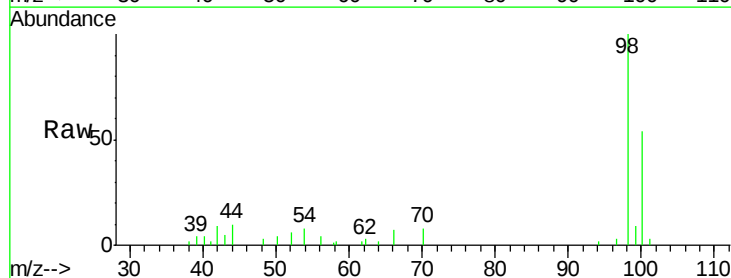
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

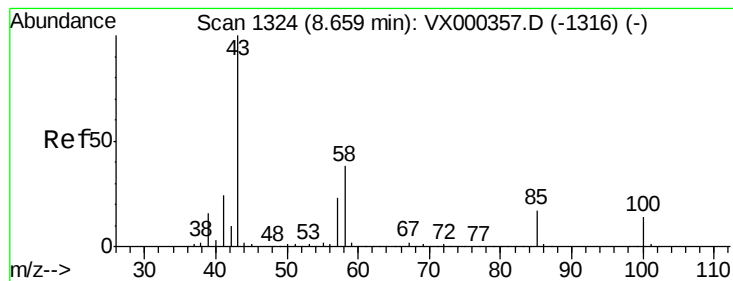
Tgt Ion: 88 Resp: 847
 Ion Ratio Lower Upper
 88 100
 43 29.6 26.8 40.2
 58 54.3 52.2 78.2



#50
 Toluene-d8
 Concen: 1.12 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Tgt Ion: 98 Resp: 5940
 Ion Ratio Lower Upper
 98 100
 100 63.2 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 5.02 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

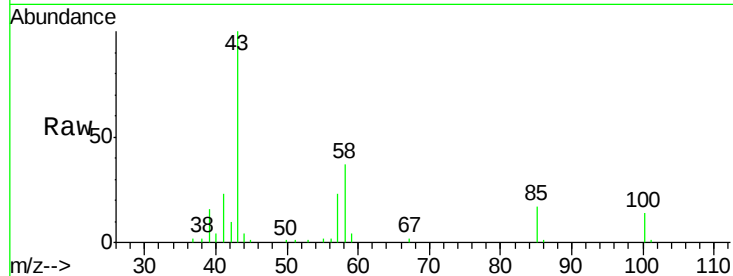
VSTDIC001

Tgt Ion: 43 Resp: 13706

Ion Ratio Lower Upper

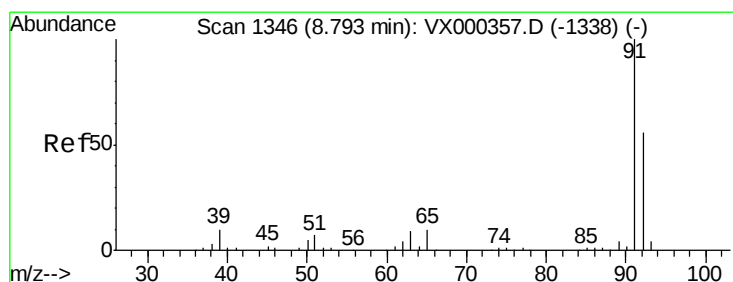
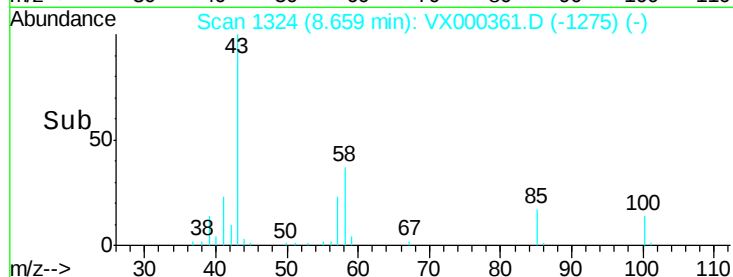
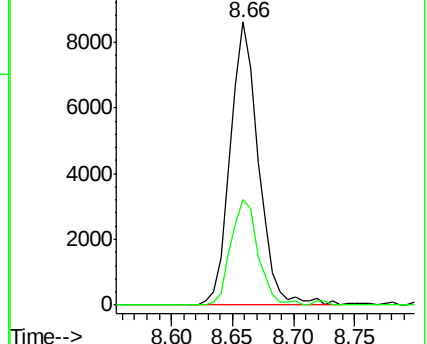
43 100

58 35.8 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 1.11 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000361.D

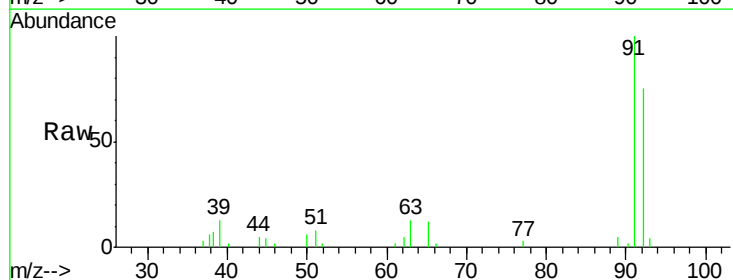
Acq: 20 Mar 2018 13:32

Tgt Ion: 92 Resp: 4056

Ion Ratio Lower Upper

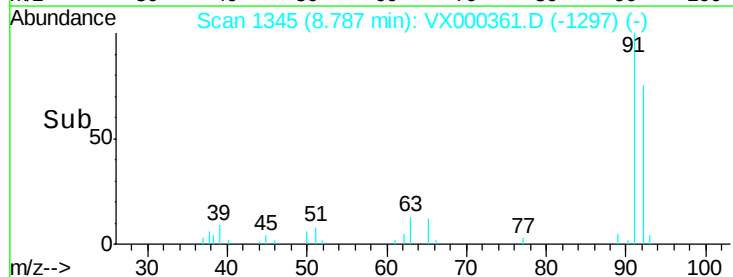
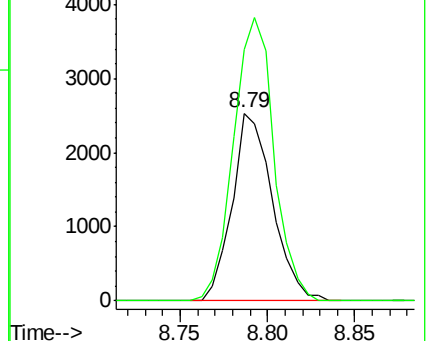
92 100

91 150.9 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 1.05 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

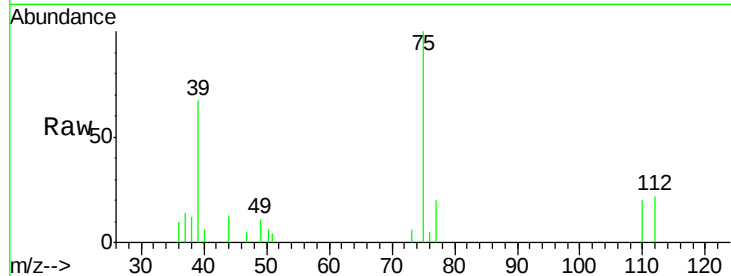
VSTDIC001

Tgt Ion: 75 Resp: 2211

Ion Ratio Lower Upper

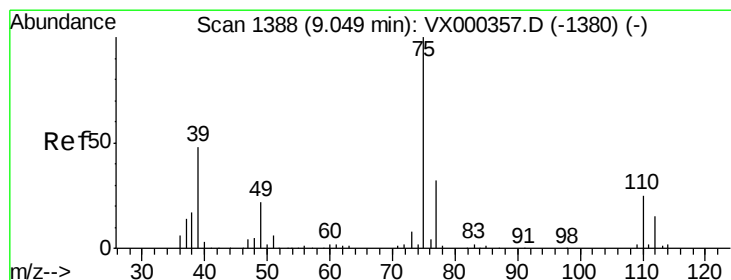
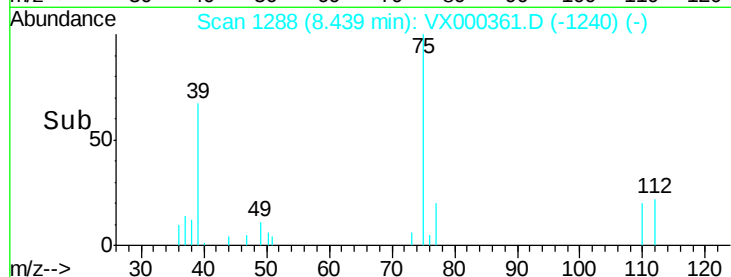
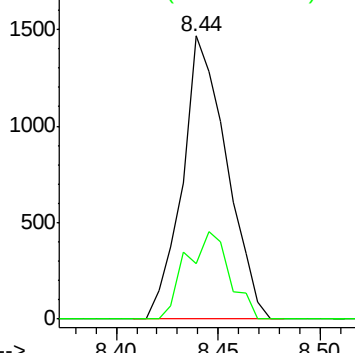
75 100

77 19.6 24.0 36.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.94 ug/l

RT: 9.05 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

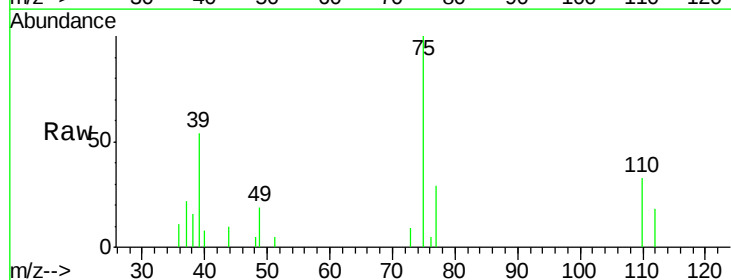
Tgt Ion: 75 Resp: 1947

Ion Ratio Lower Upper

75 100

77 28.8 26.1 39.1

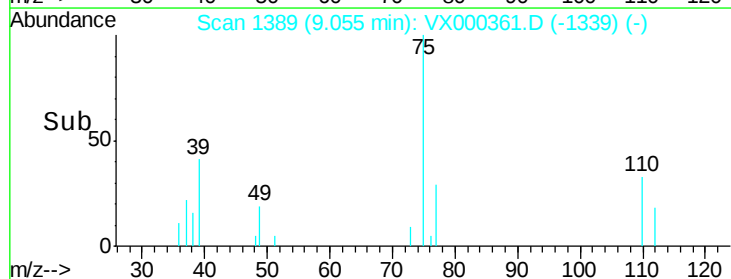
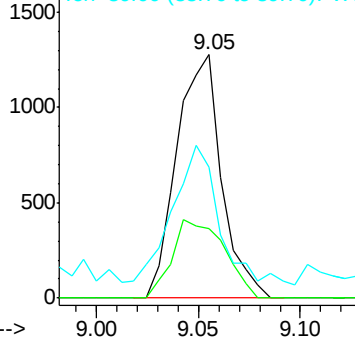
39 47.2 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

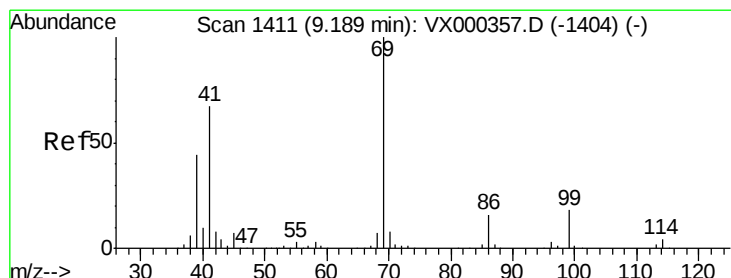
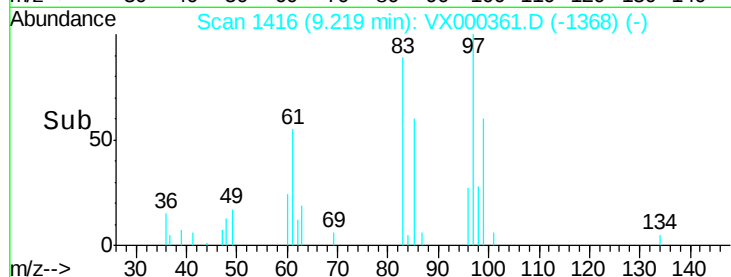
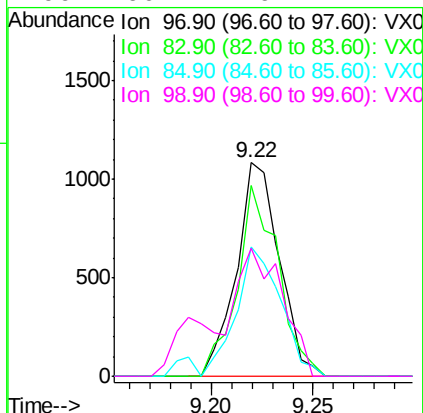
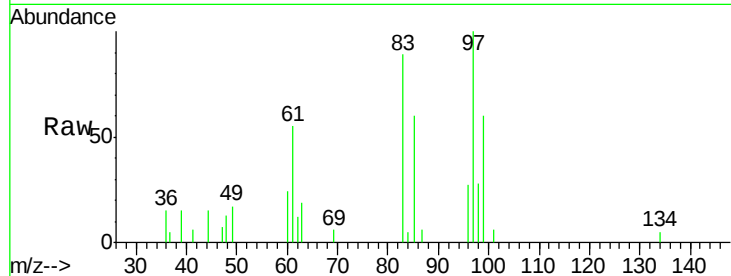




#55
 1,1,2-Trichloroethane
 Concen: 1.08 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

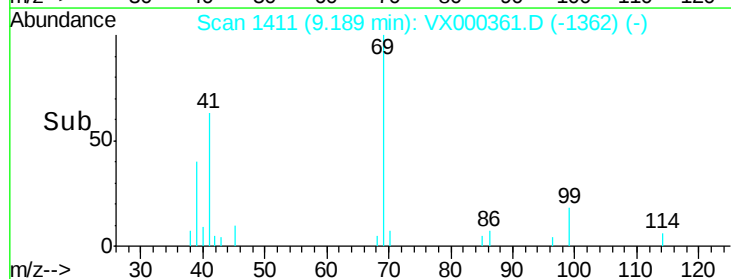
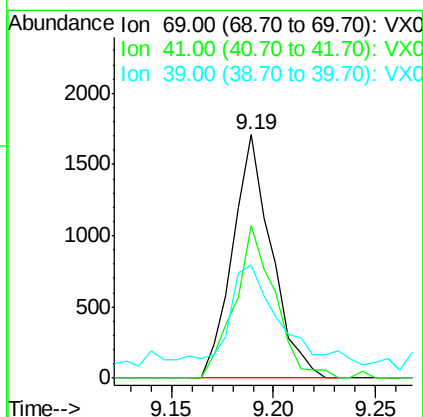
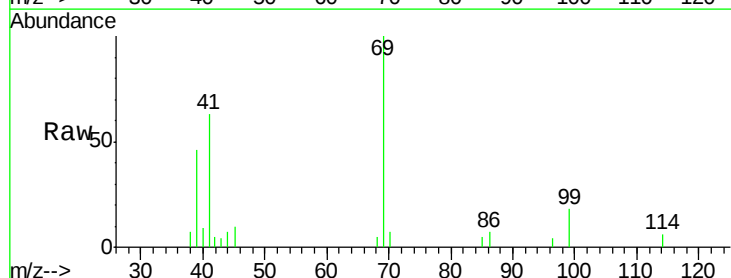
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

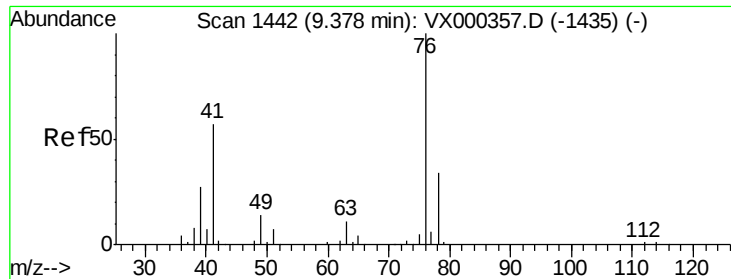
Tgt Ion:	97	Resp:	1581
Ion	Ratio	Lower	Upper
97	100		
83	89.3	67.9	101.9
85	60.4	42.8	64.2
99	60.1	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 1.04 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Tgt Ion:	69	Resp:	2260
Ion	Ratio	Lower	Upper
69	100		
41	64.5	53.0	79.6
39	53.9	35.3	52.9#





#57

1,3-Dichloropropane

Concen: 1.10 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

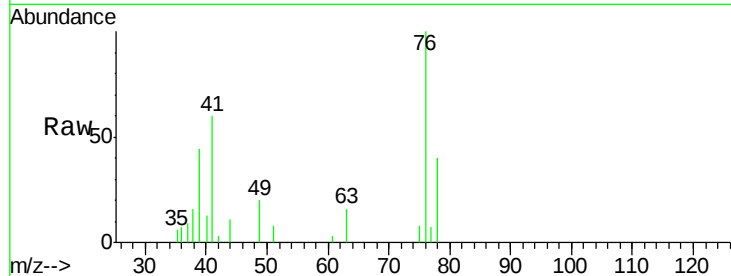
VSTDIC001

Tgt Ion: 76 Resp: 2610

Ion Ratio Lower Upper

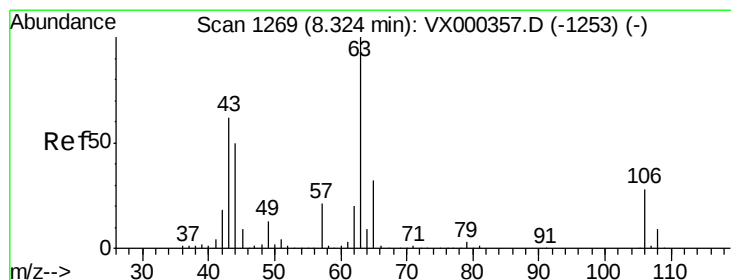
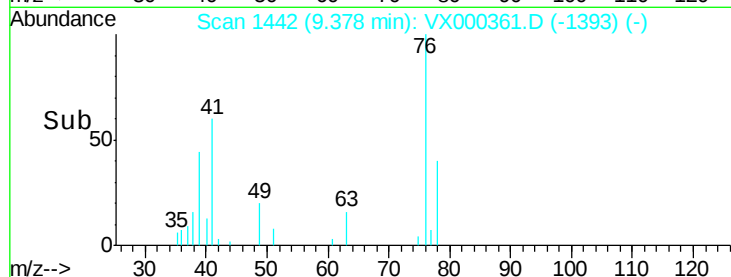
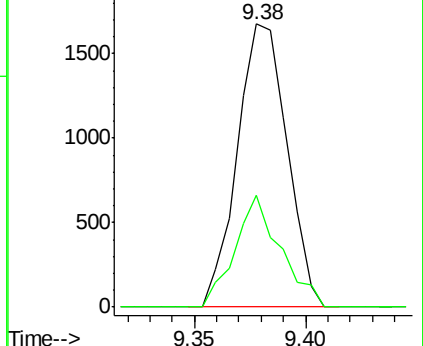
76 100

78 35.9 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 5.19 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000361.D

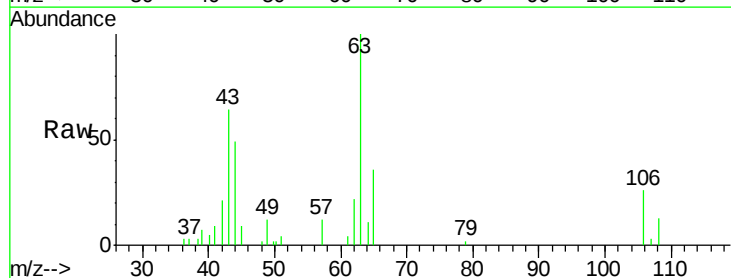
Acq: 20 Mar 2018 13:32

Tgt Ion: 63 Resp: 5183

Ion Ratio Lower Upper

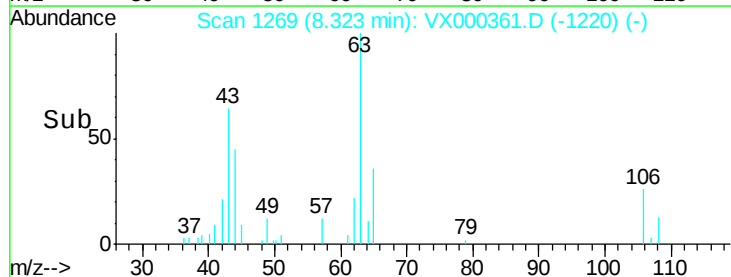
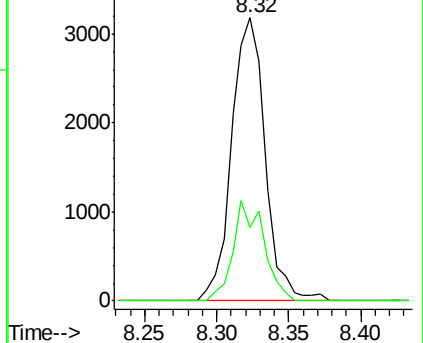
63 100

106 32.2 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

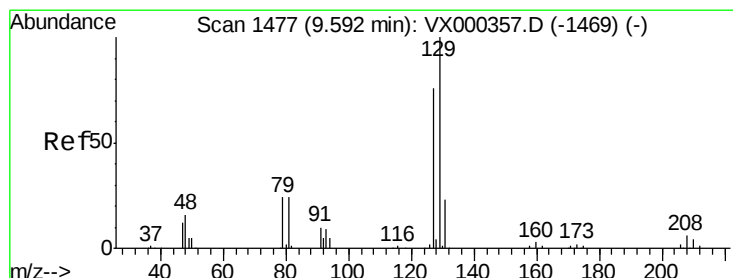
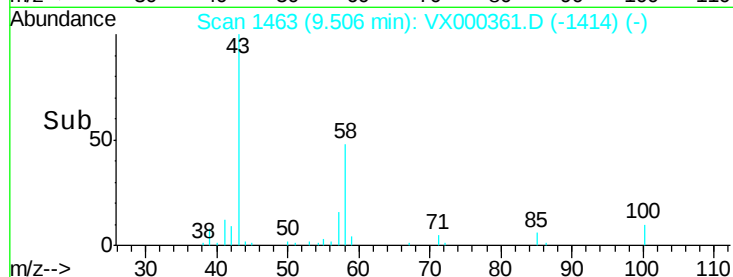
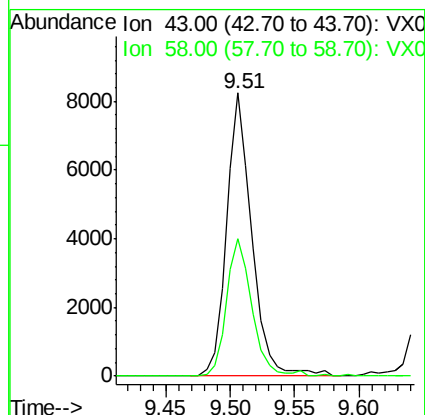
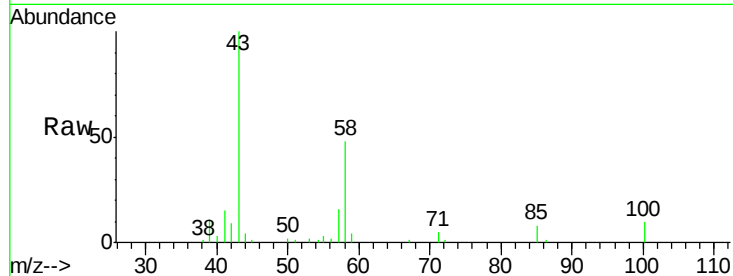




#59
2-Hexanone
Concen: 4.92 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

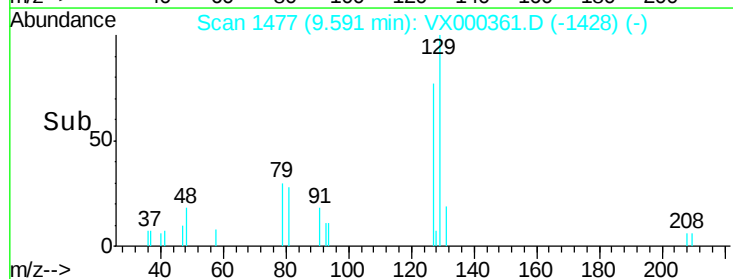
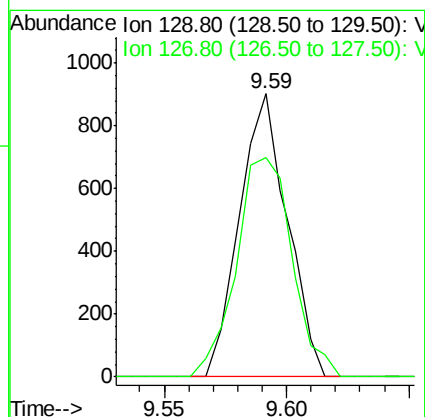
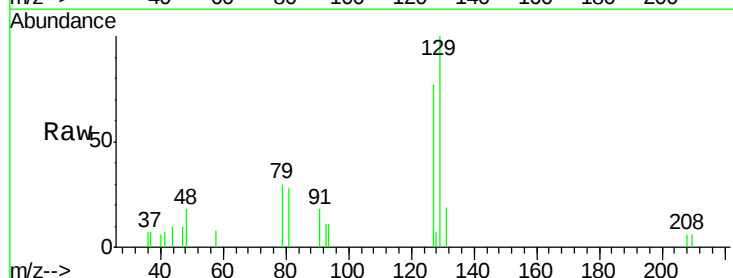
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

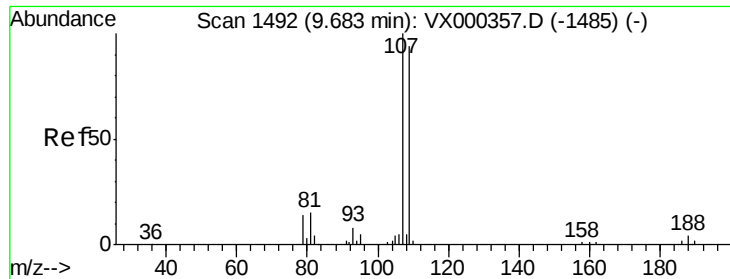
Tgt Ion: 43 Resp: 11323
Ion Ratio Lower Upper
43 100
58 48.9 26.6 79.7



#60
Dibromochloromethane
Concen: 0.79 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion: 129 Resp: 1220
Ion Ratio Lower Upper
129 100
127 90.7 37.9 113.6





#61

1,2-Dibromoethane

Concen: 0.96 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

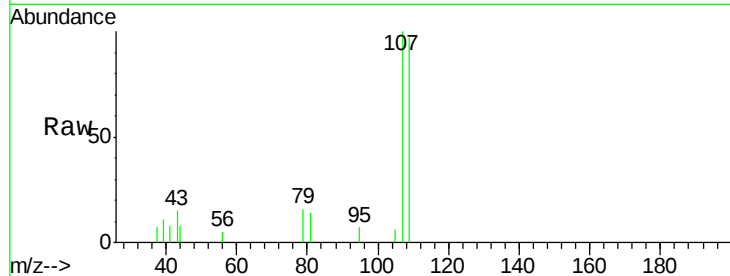
VSTDIC001

Tgt Ion: 107 Resp: 1555

Ion Ratio Lower Upper

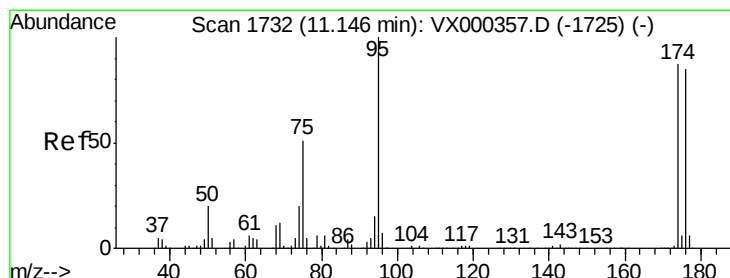
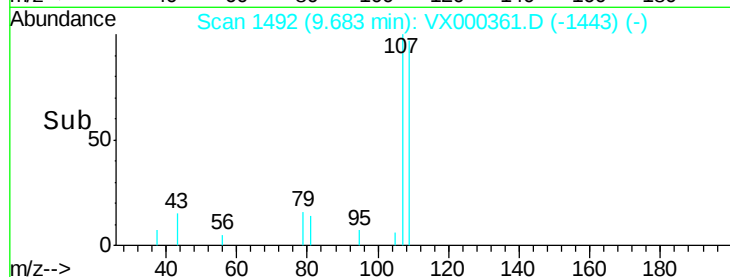
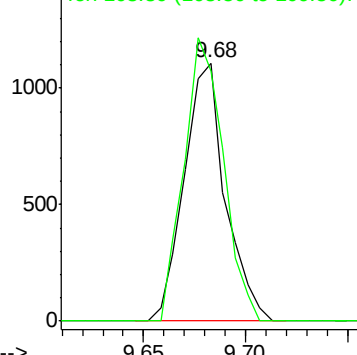
107 100

109 105.0 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.08 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

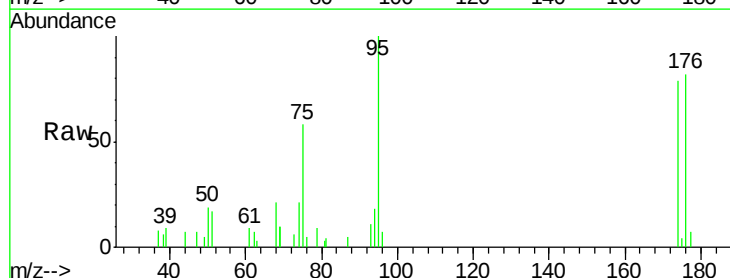
Tgt Ion: 95 Resp: 2306

Ion Ratio Lower Upper

95 100

174 90.8 0.0 173.6

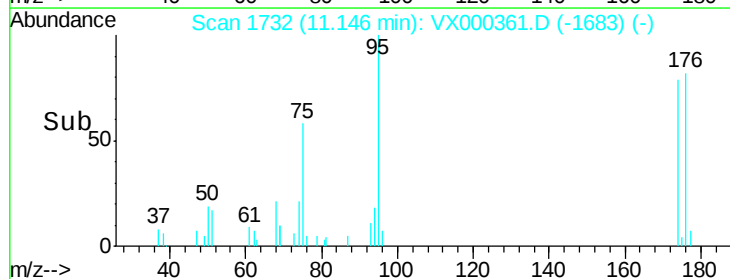
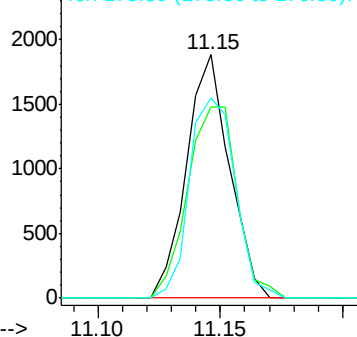
176 87.6 0.0 164.6

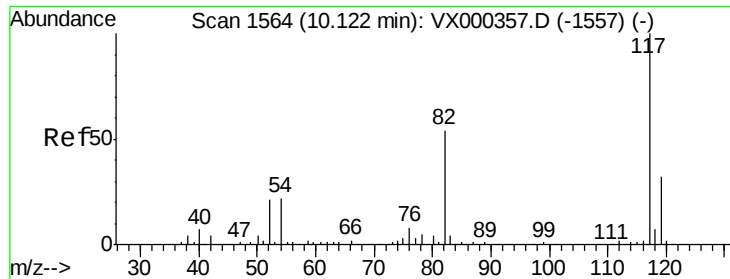


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

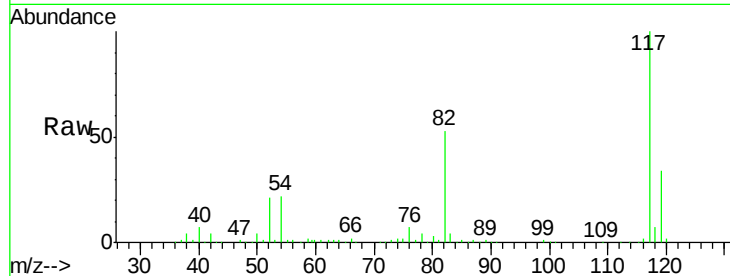




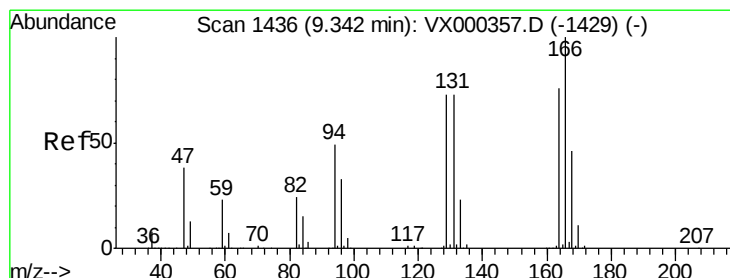
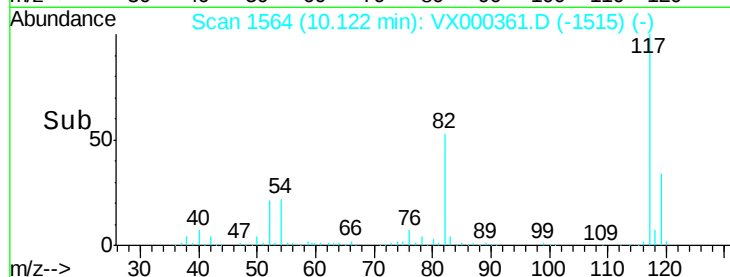
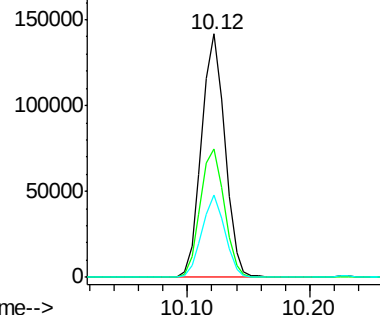
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 187661
Ion Ratio Lower Upper
117 100
82 52.5 43.8 65.8
119 33.7 24.9 37.3

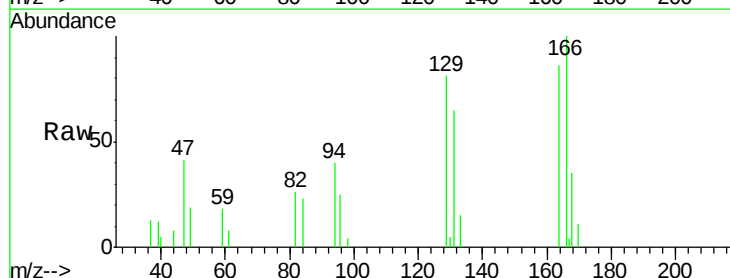


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

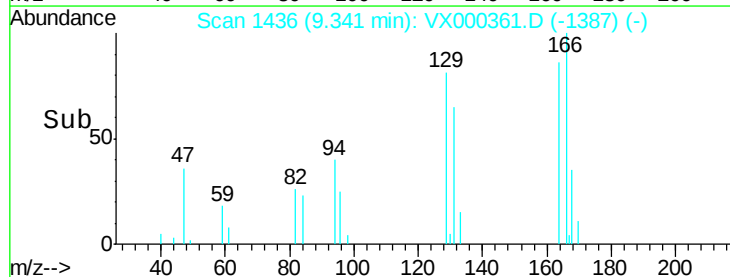
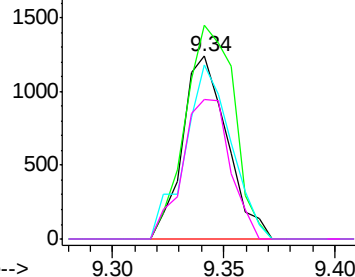


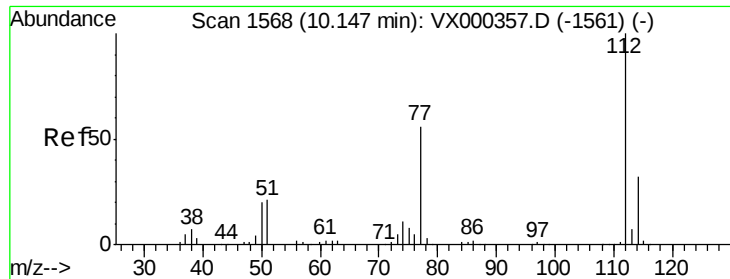
#64
Tetrachloroethene
Concen: 1.30 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion:164 Resp: 1739
Ion Ratio Lower Upper
164 100
166 116.7 101.0 151.6
129 95.0 79.0 118.4
131 76.0 71.9 107.9



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

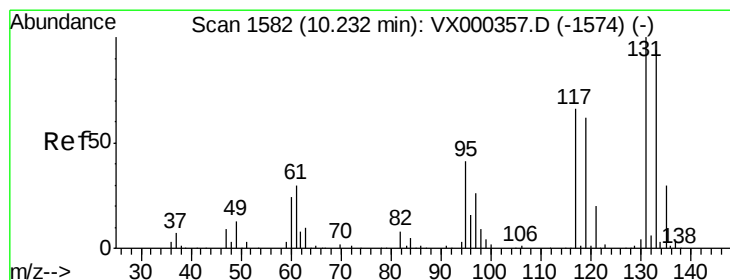
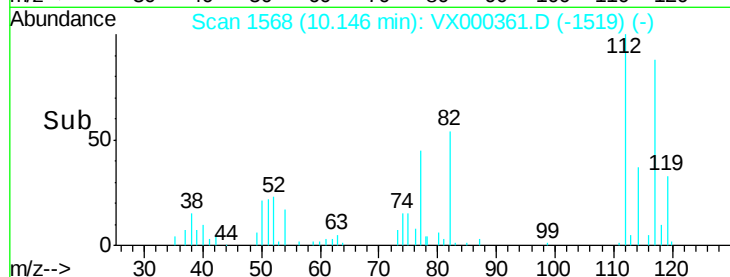
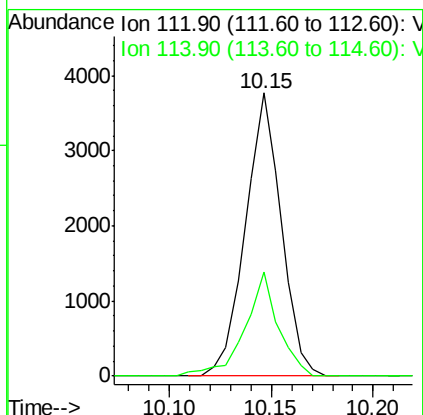
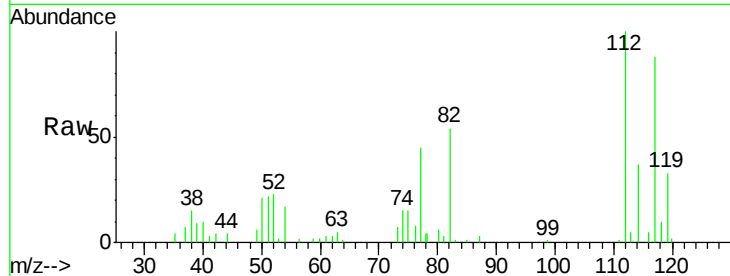




#65
Chlorobenzene
Concen: 1.20 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

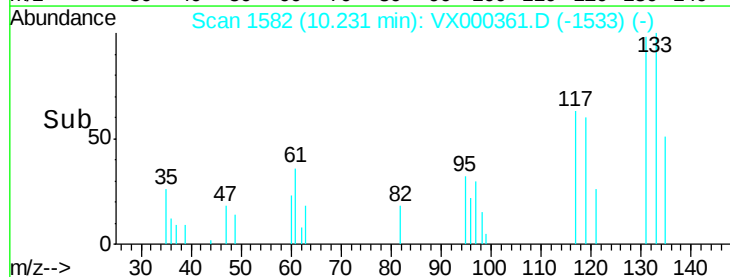
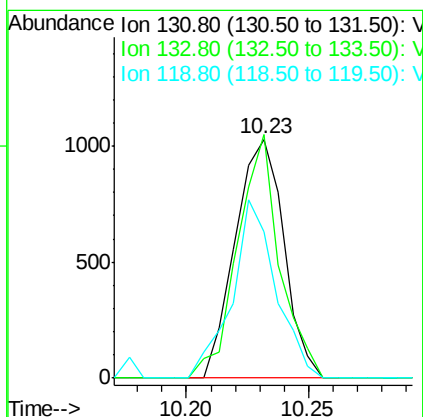
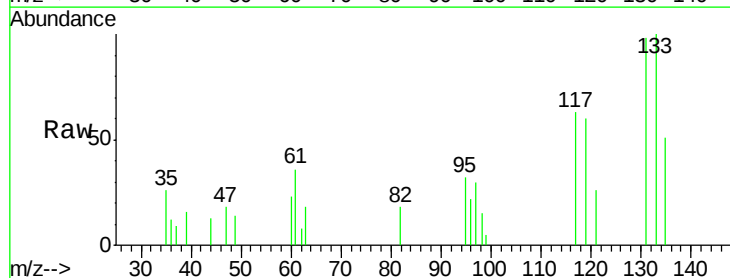
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

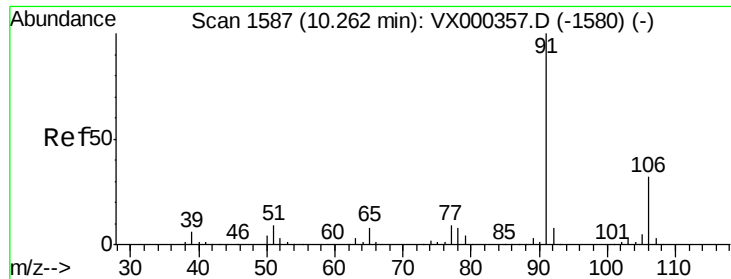
Tgt Ion:112 Resp: 4594
Ion Ratio Lower Upper
112 100
114 37.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 1.10 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion:131 Resp: 1420
Ion Ratio Lower Upper
131 100
133 88.8 47.1 141.3
119 0.0 33.1 99.2#





#67

Ethyl Benzene

Concen: 1.13 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

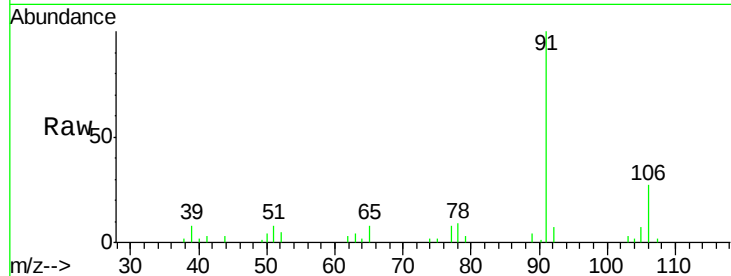
VSTDIC001

Tgt Ion: 91 Resp: 7361

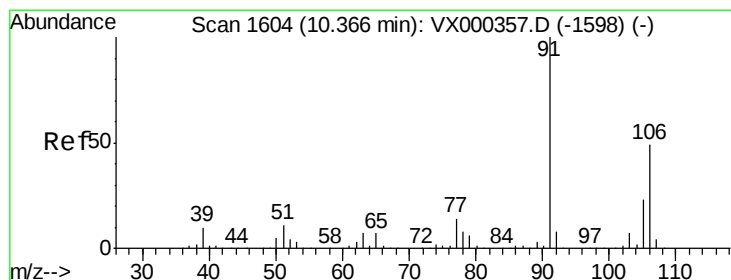
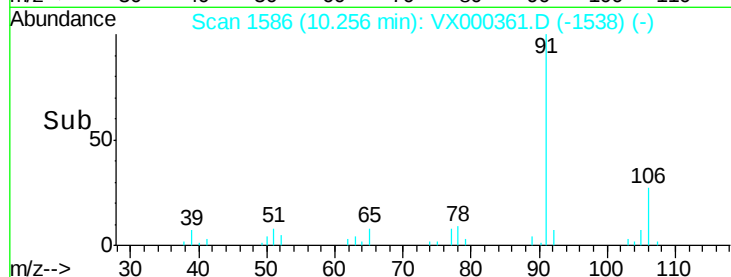
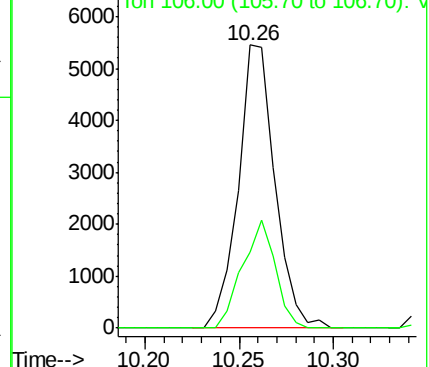
Ion Ratio Lower Upper

91 100

106 26.9 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1580) (-)



#68

m/p-Xylenes

Concen: 2.09 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000361.D

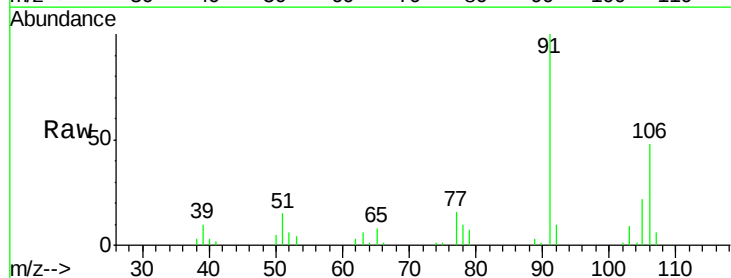
Acq: 20 Mar 2018 13:32

Tgt Ion: 106 Resp: 5296

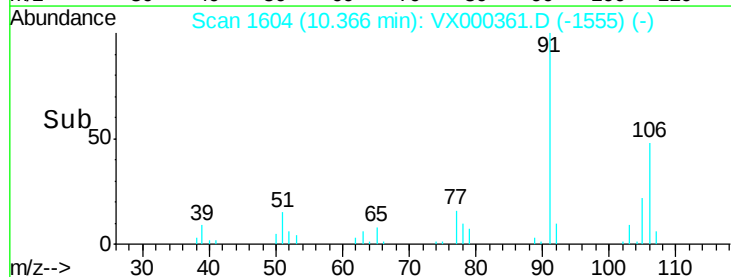
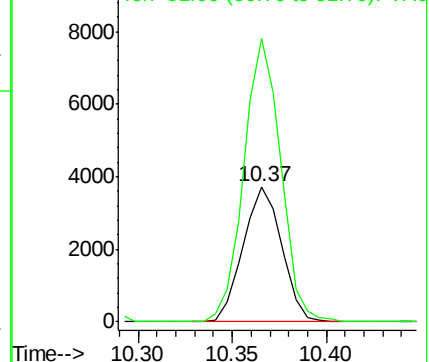
Ion Ratio Lower Upper

106 100

91 200.1 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VX000357.D (-1598) (-)

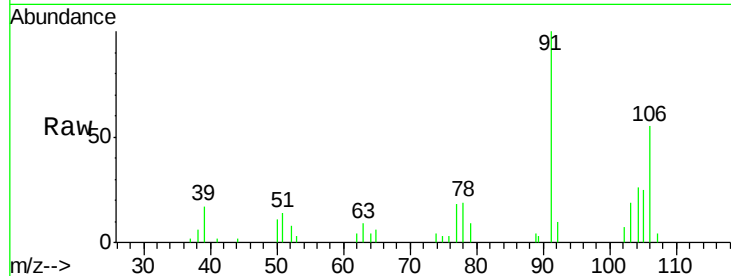




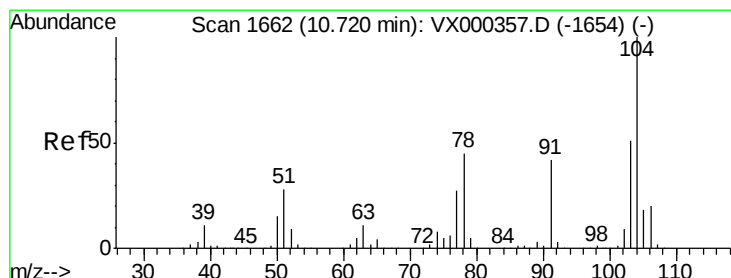
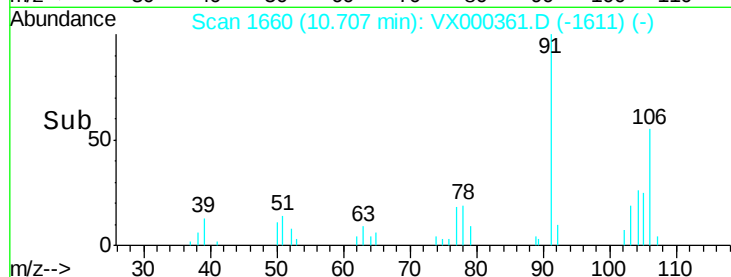
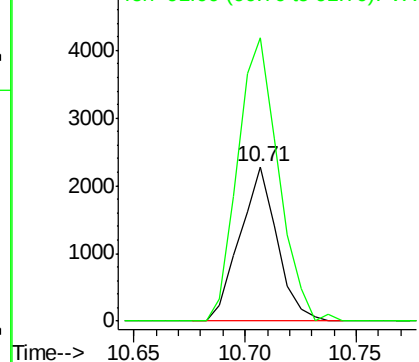
#69
o-Xylene
Concen: 1.08 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 2655
Ion Ratio Lower Upper
106 100
91 200.3 106.5 319.6

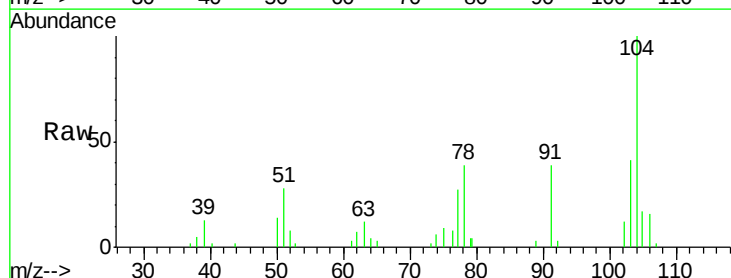


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

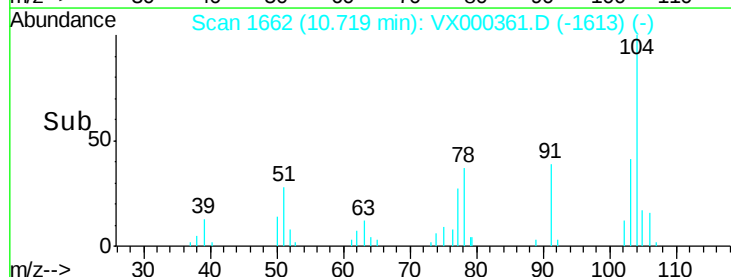
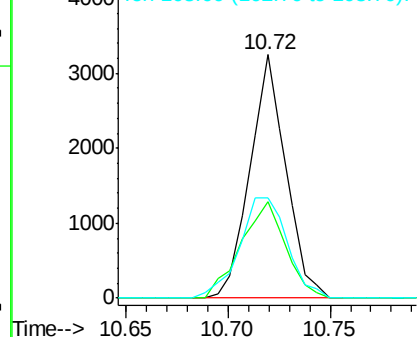


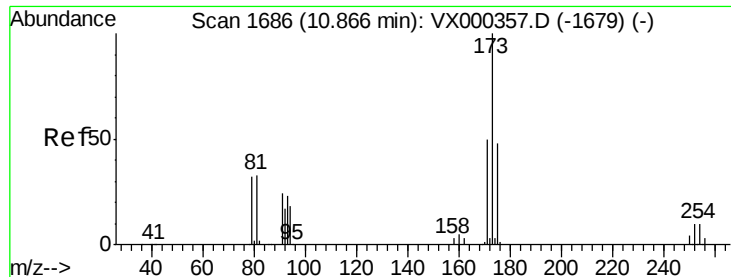
#70
Styrene
Concen: 0.97 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion:104 Resp: 3978
Ion Ratio Lower Upper
104 100
78 49.2 40.5 60.7
103 55.1 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

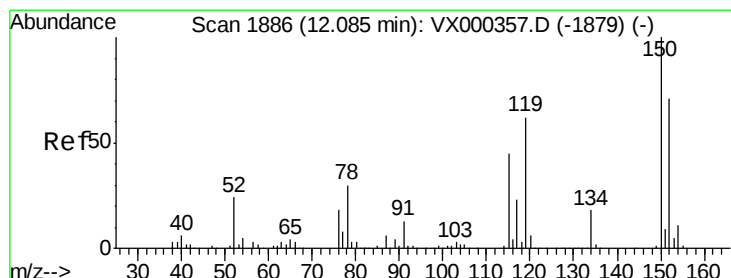
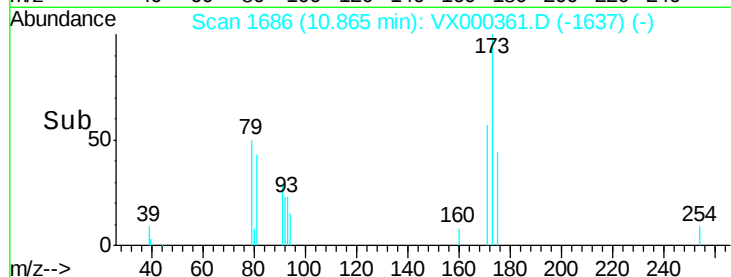
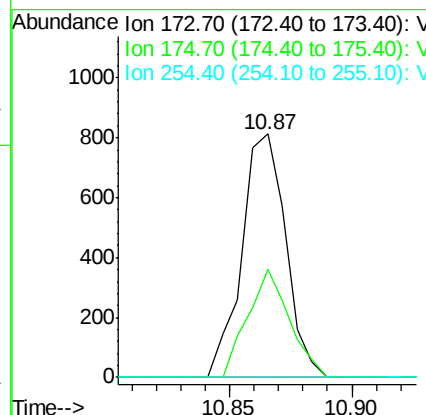
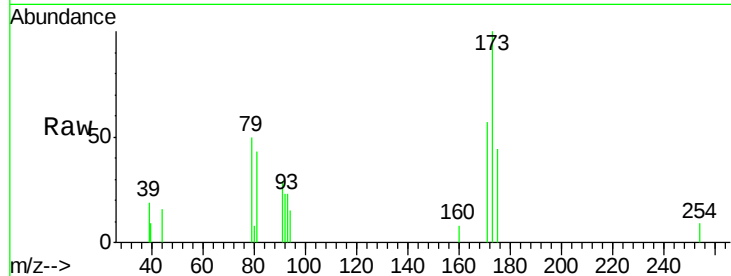




#71
Bromoform
Concen: 0.90 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

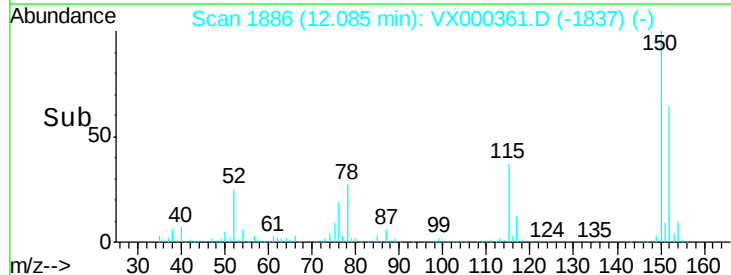
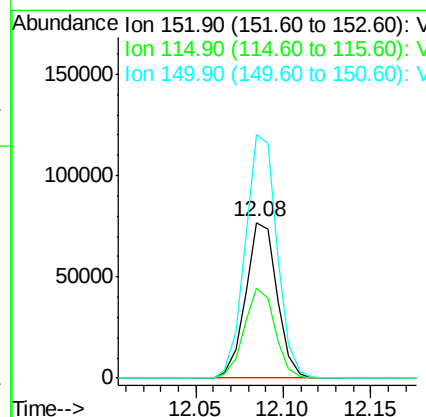
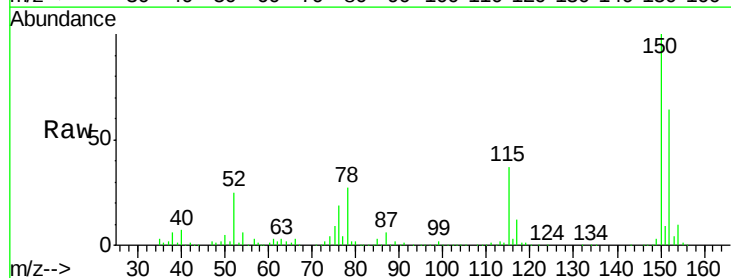
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion:173 Resp: 1013
Ion Ratio Lower Upper
173 100
175 42.5 25.4 76.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion:152 Resp: 95346
Ion Ratio Lower Upper
152 100
115 56.9 39.8 119.3
150 158.9 0.0 344.4





#73

Isopropylbenzene

Concen: 1.11 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

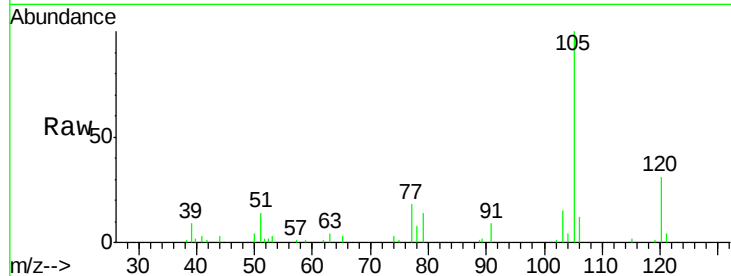
VSTDIC001

Tgt Ion: 105 Resp: 6356

Ion Ratio Lower Upper

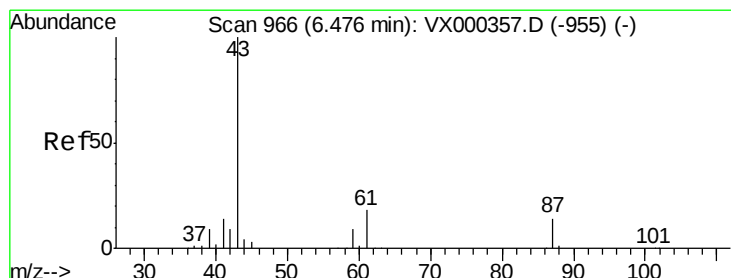
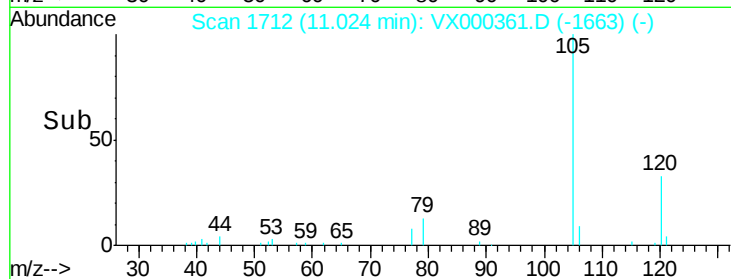
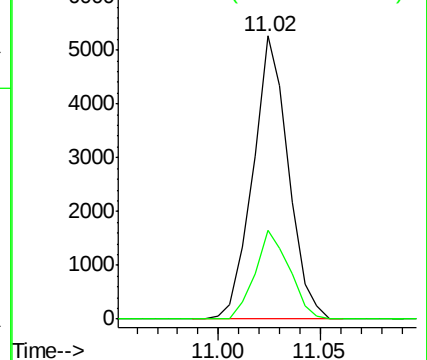
105 100

120 30.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.45 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Tgt Ion: 43 Resp: 3987

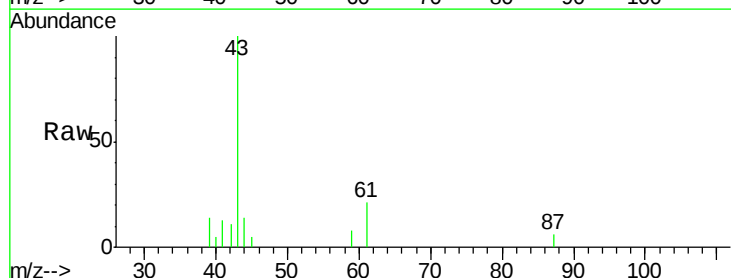
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.1 14.4 21.6

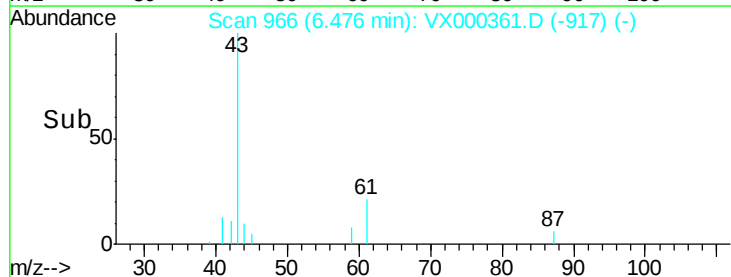
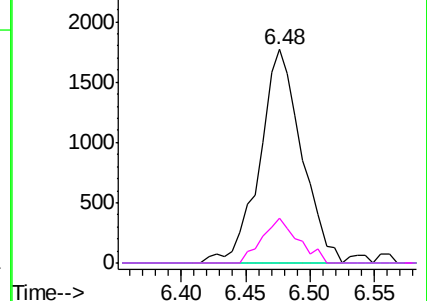


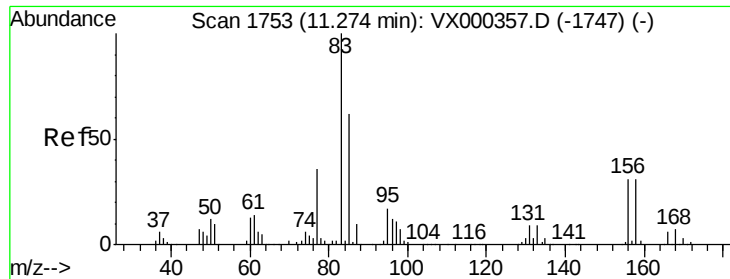
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.08 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

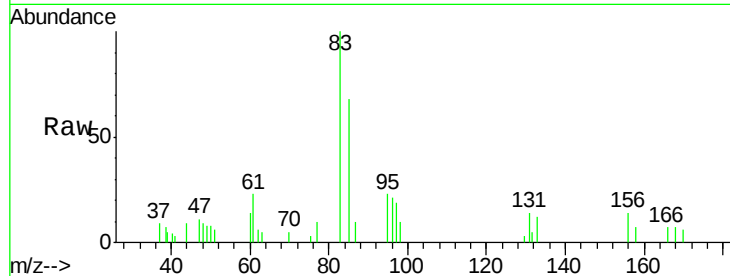
Tgt Ion: 83 Resp: 2211

Ion Ratio Lower Upper

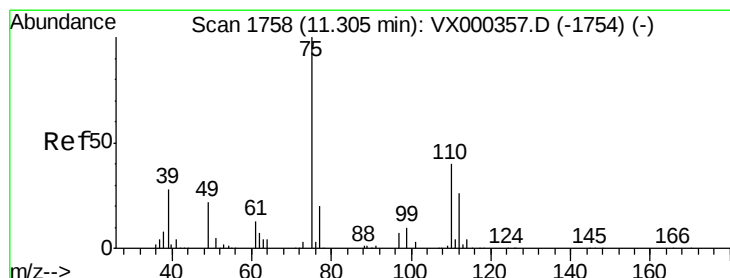
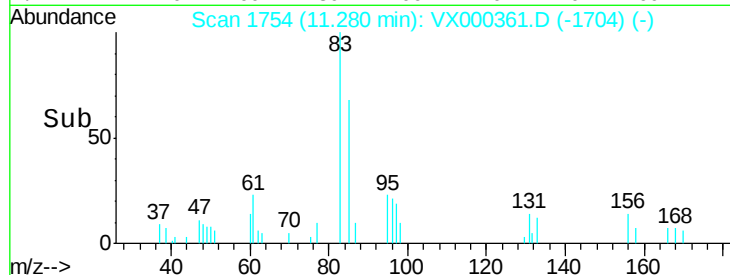
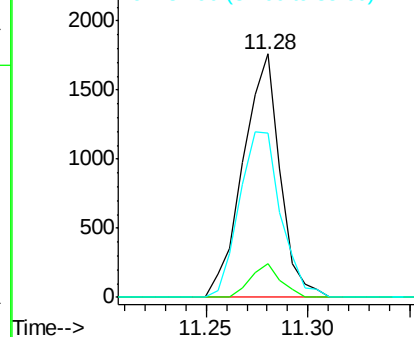
83 100

131 11.2 5.0 14.9

85 76.2 32.5 97.5



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



#76

1,2,3-Trichloropropane

Concen: 1.42 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000361.D

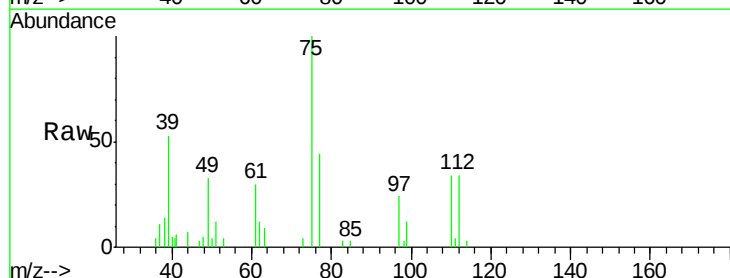
Acq: 20 Mar 2018 13:32

Tgt Ion: 75 Resp: 2722

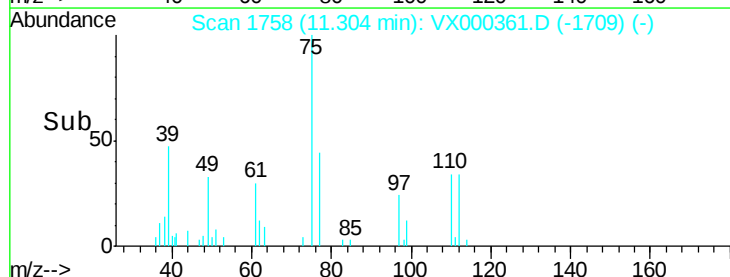
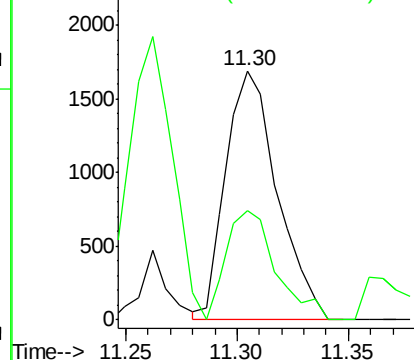
Ion Ratio Lower Upper

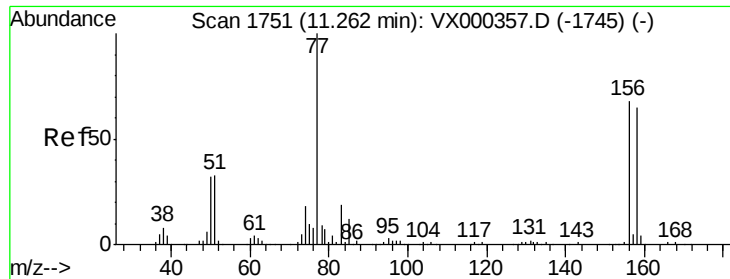
75 100

77 42.4 21.4 64.2



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





#77

Bromobenzene

Concen: 1.32 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

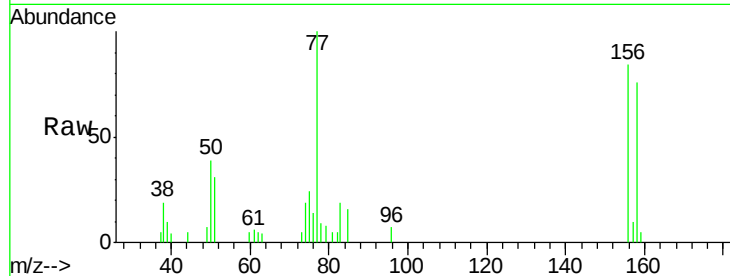
Tgt Ion:156 Resp: 1990

Ion Ratio Lower Upper

156 100

77 129.7 73.4 220.2

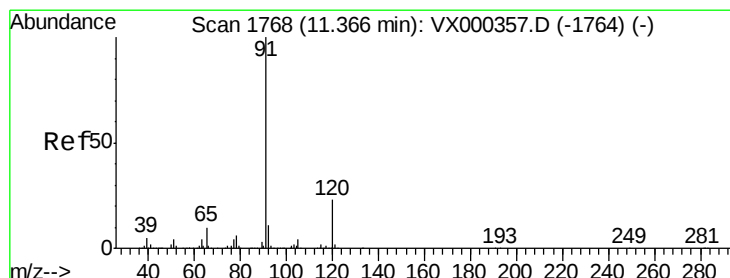
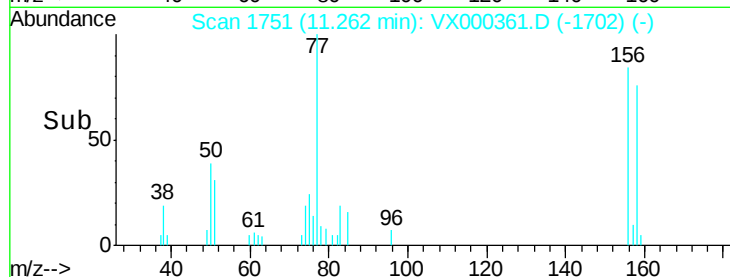
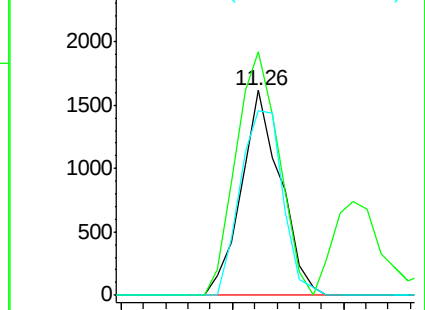
158 97.6 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.21 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000361.D

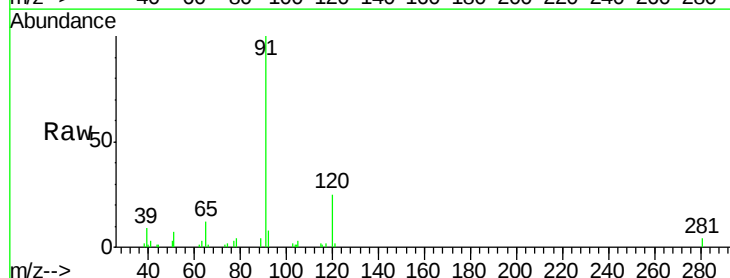
Acq: 20 Mar 2018 13:32

Tgt Ion: 91 Resp: 8392

Ion Ratio Lower Upper

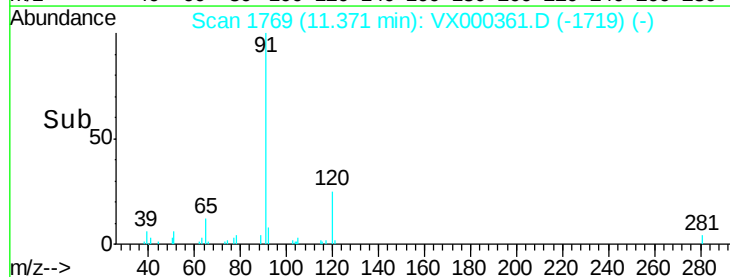
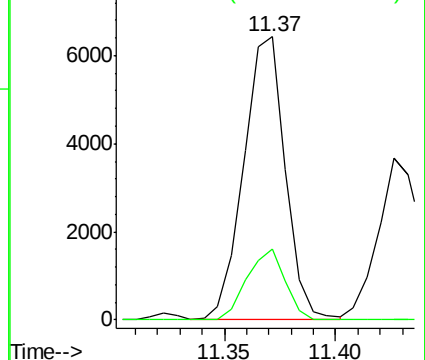
91 100

120 22.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

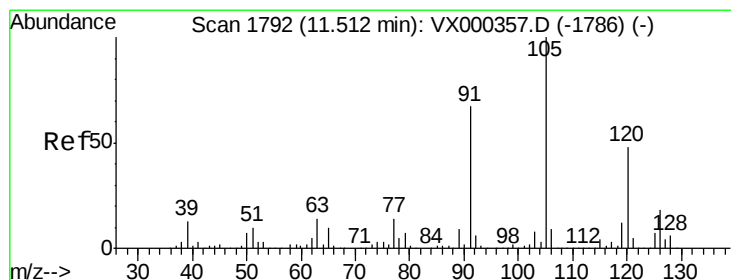
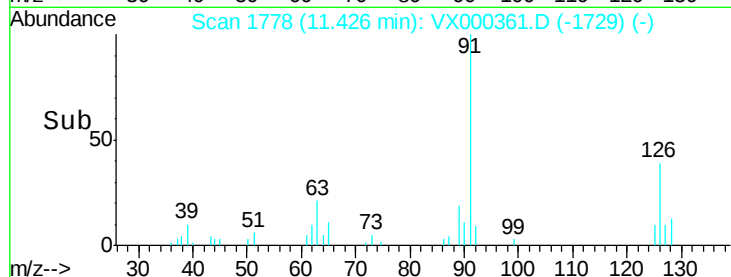
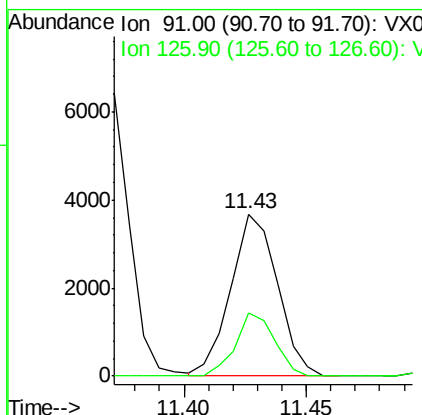
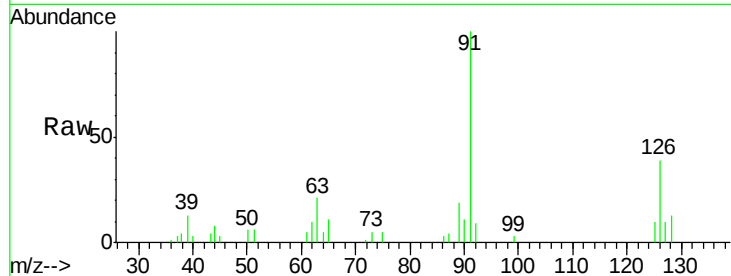




#79
 2-Chlorotoluene
 Concen: 1.25 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

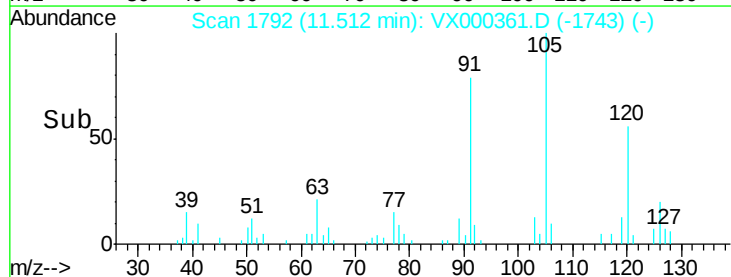
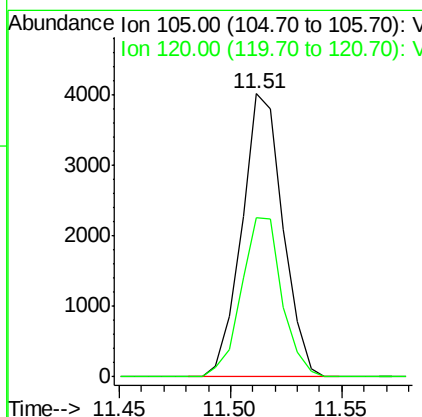
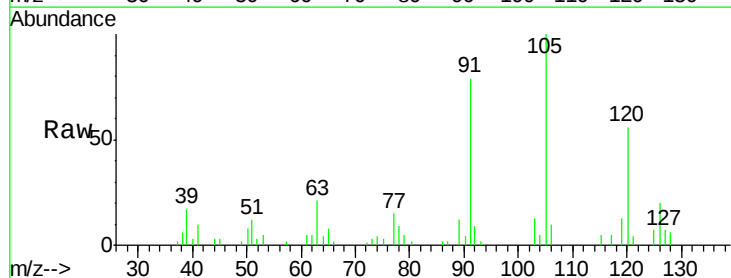
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

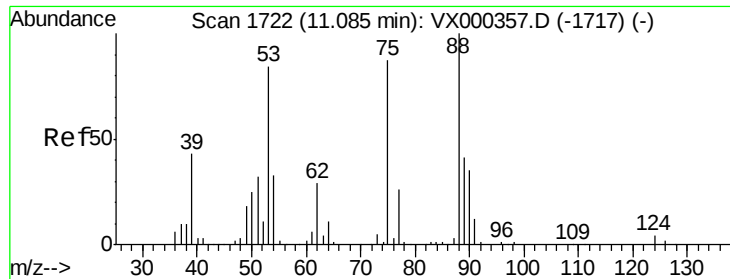
Tgt Ion: 91 Resp: 4919
 Ion Ratio Lower Upper
 91 100
 126 32.2 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 1.05 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Tgt Ion: 105 Resp: 5157
 Ion Ratio Lower Upper
 105 100
 120 55.4 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 0.95 ug/l

RT: 11.08 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

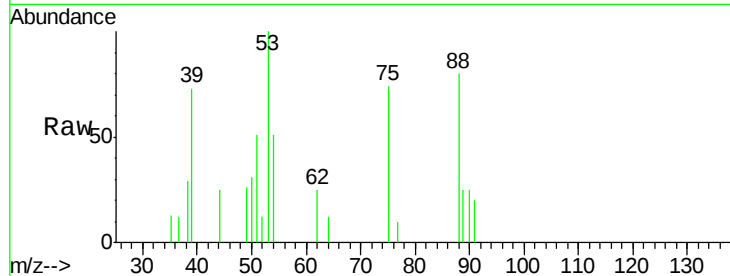
Tgt Ion: 75 Resp: 533

Ion Ratio Lower Upper

75 100

53 145.8 80.7 121.1#

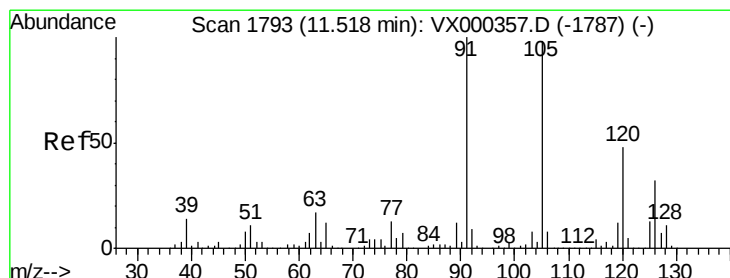
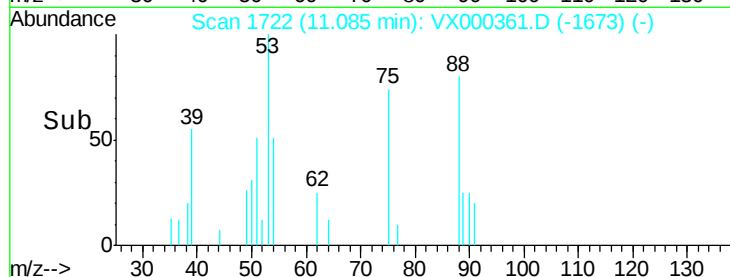
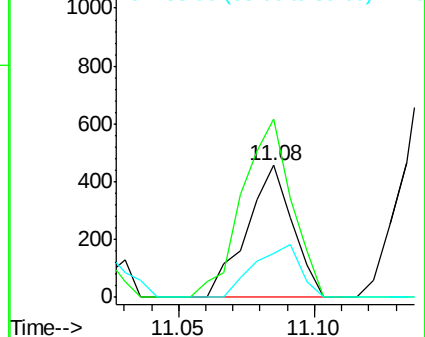
89 40.2 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.15 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000361.D

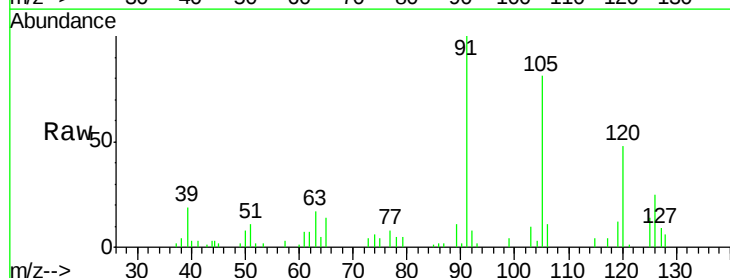
Acq: 20 Mar 2018 13:32

Tgt Ion: 91 Resp: 5567

Ion Ratio Lower Upper

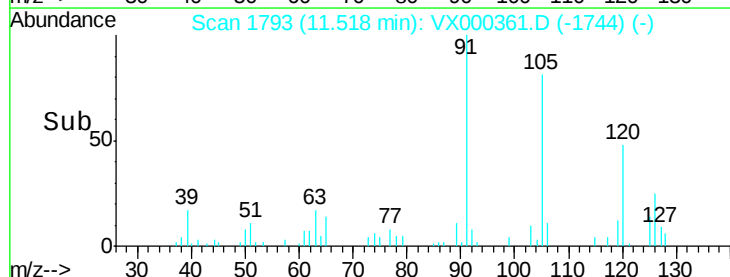
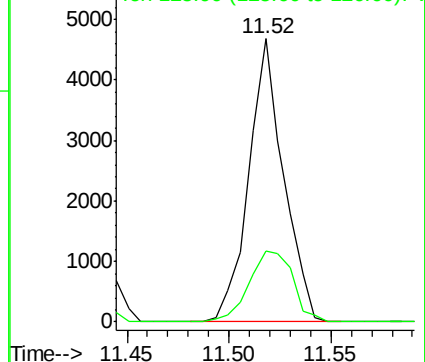
91 100

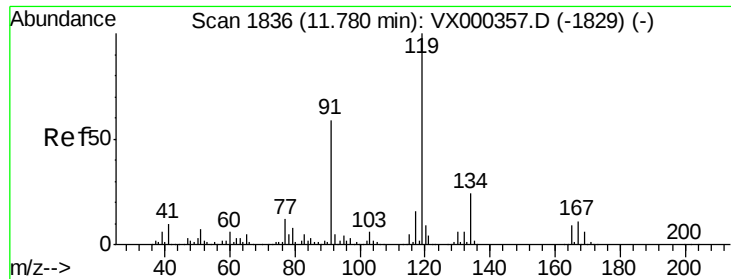
126 31.3 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

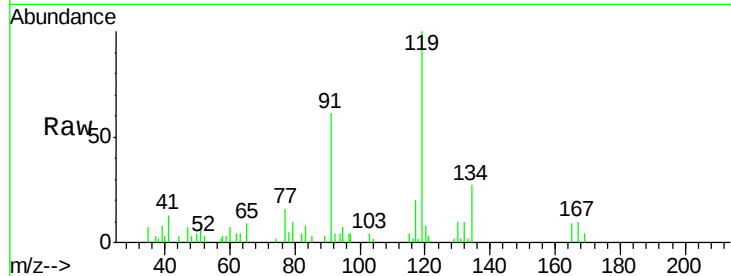




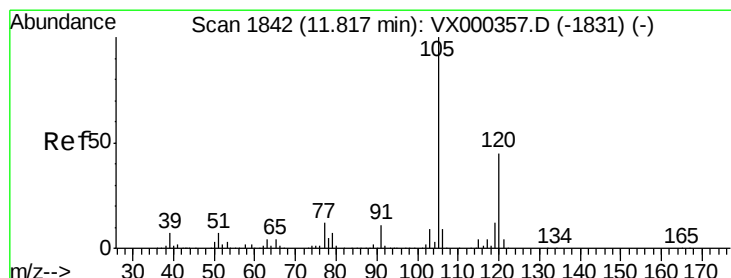
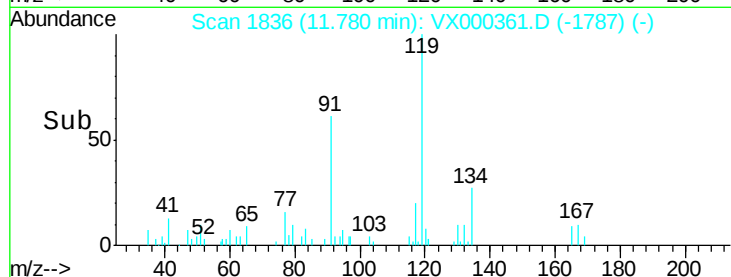
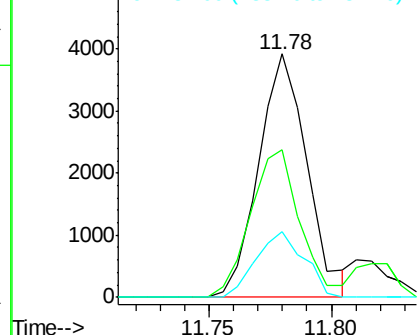
#83
 tert-Butylbenzene
 Concen: 1.13 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:119 Resp: 5386
 Ion Ratio Lower Upper
 119 100
 91 61.2 28.8 86.4
 134 26.9 11.4 34.1

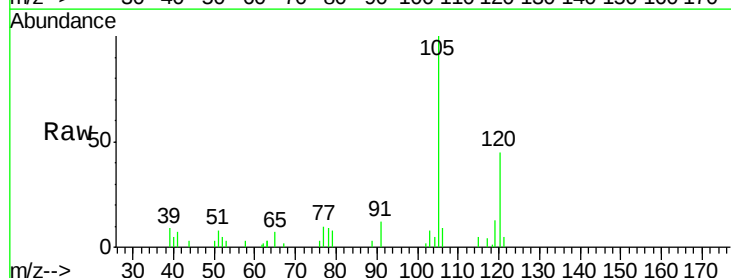


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

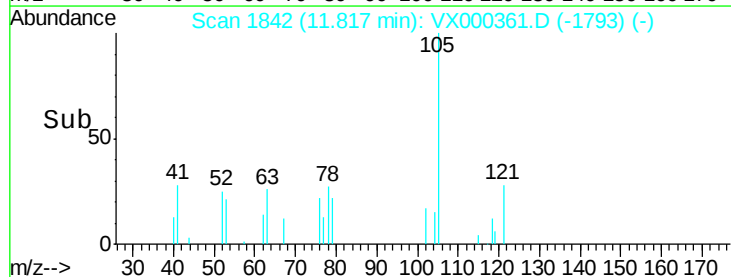
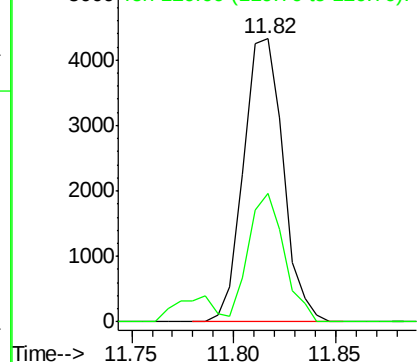


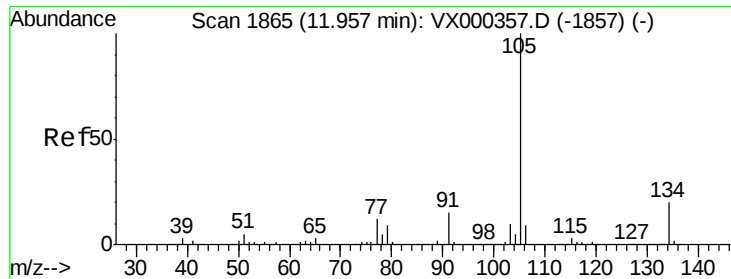
#84
 1,2,4-Trimethylbenzene
 Concen: 1.16 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Tgt Ion:105 Resp: 5830
 Ion Ratio Lower Upper
 105 100
 120 40.9 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

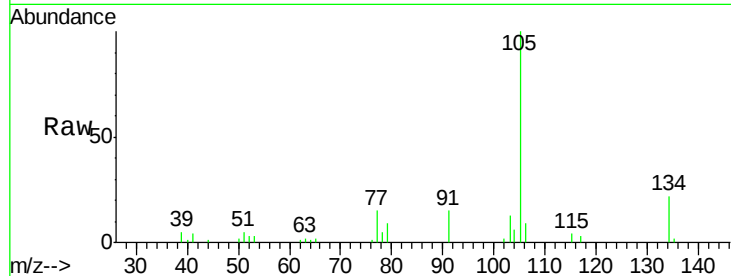




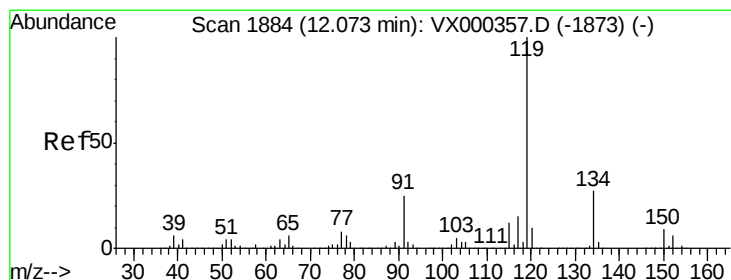
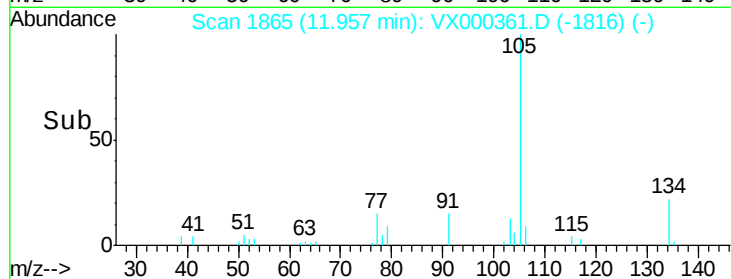
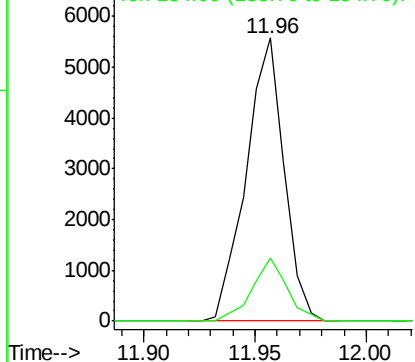
#85
 sec-Butylbenzene
 Concen: 1.11 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 6623
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8

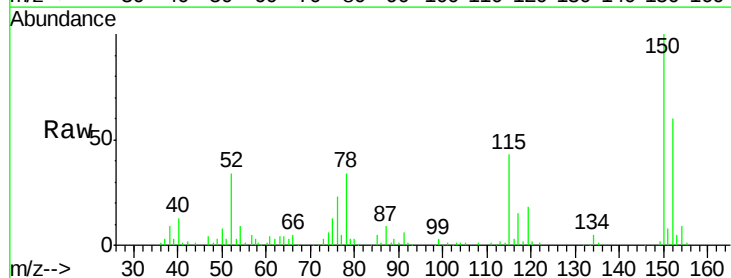


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

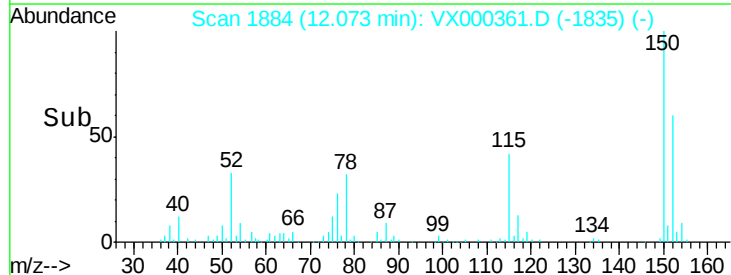
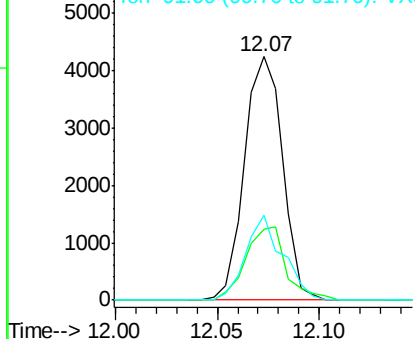


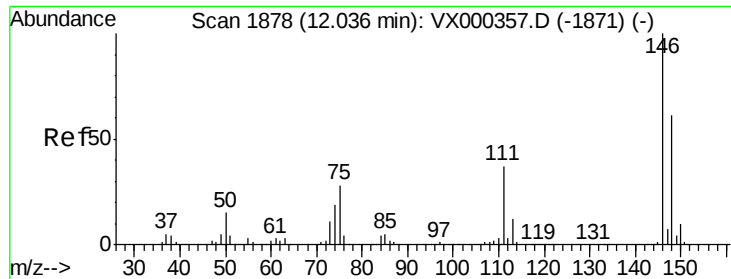
#86
 p-Isopropyltoluene
 Concen: 1.04 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Tgt Ion:119 Resp: 5505
 Ion Ratio Lower Upper
 119 100
 134 32.0 13.3 39.9
 91 33.8 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

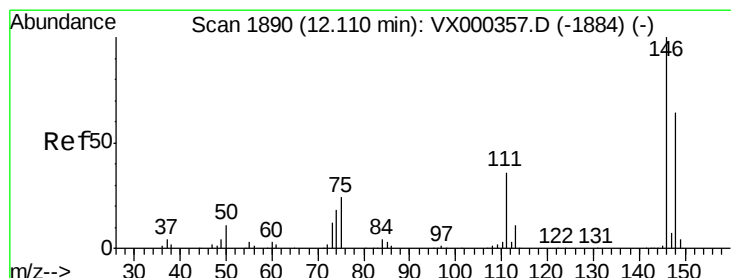
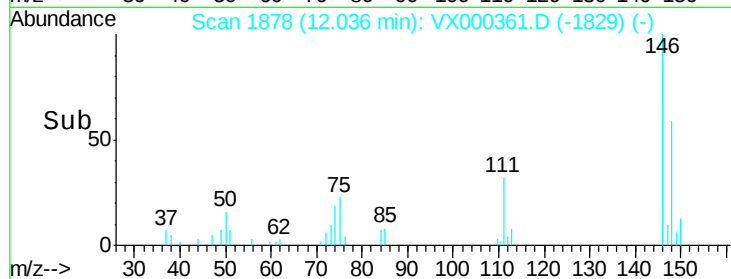
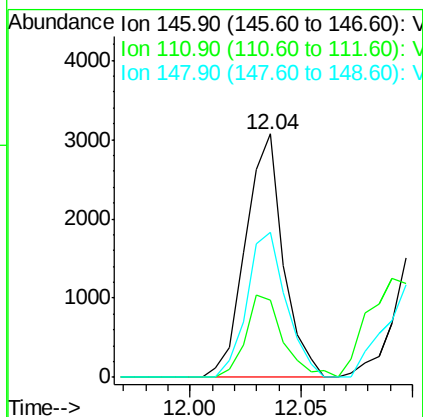
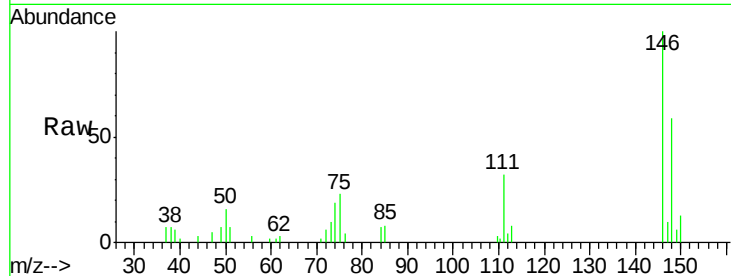




#87
 1,3-Dichlorobenzene
 Concen: 1.23 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

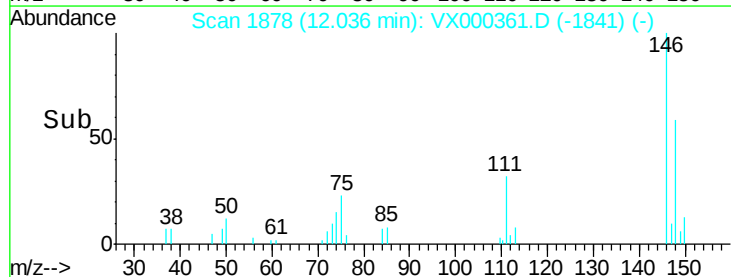
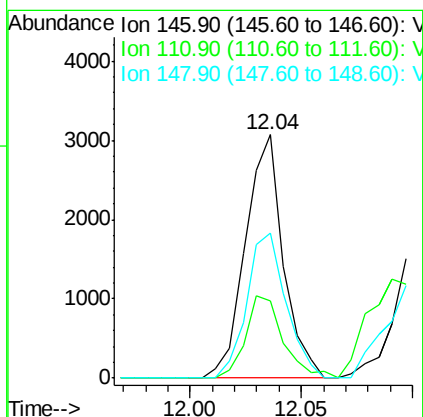
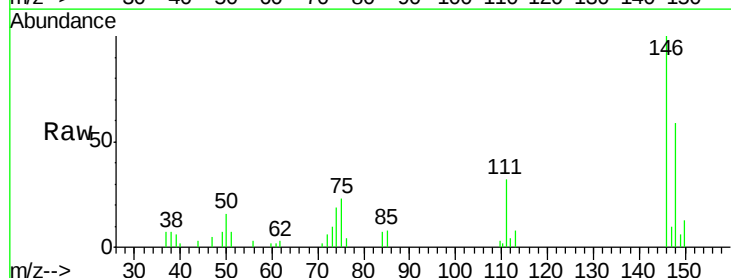
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

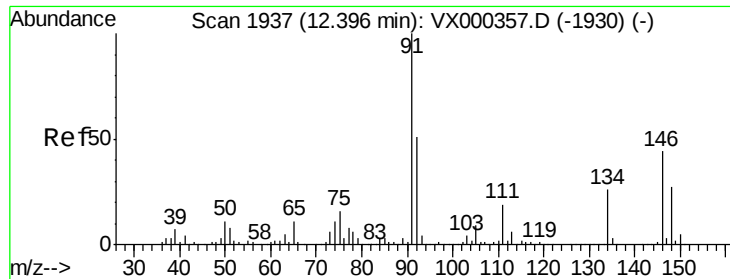
Tgt Ion:146 Resp: 3638
 Ion Ratio Lower Upper
 146 100
 111 33.6 19.5 58.5
 148 61.8 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 1.18 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.07 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Tgt Ion:146 Resp: 3638
 Ion Ratio Lower Upper
 146 100
 111 33.6 18.9 56.9
 148 61.8 31.0 93.0





#89

n-Butylbenzene

Concen: 1.08 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

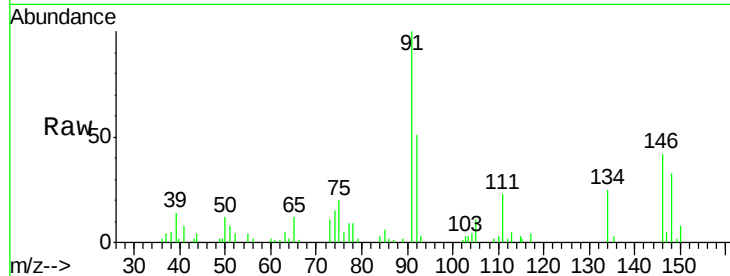
Tgt Ion: 91 Resp: 5604

Ion Ratio Lower Upper

91 100

92 49.2 25.9 77.8

134 22.7 13.1 39.3

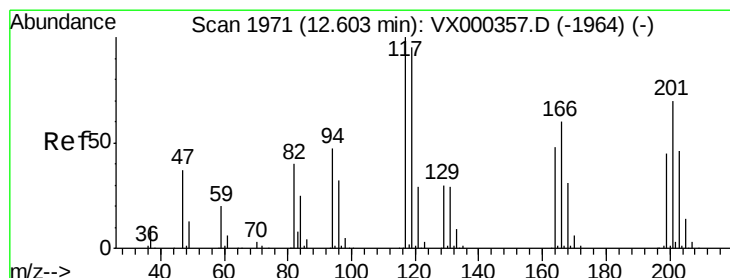
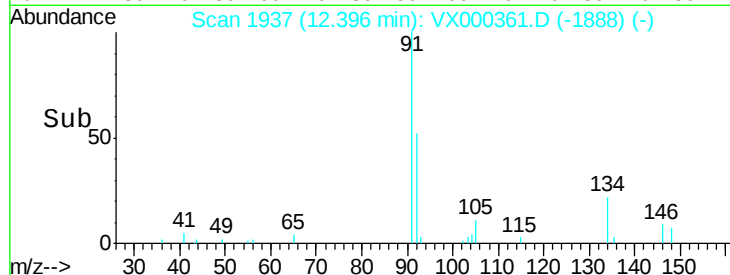


Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000357.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000357.D (-1930) (-)

Time-->



#90

Hexachloroethane

Concen: 1.00 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000361.D

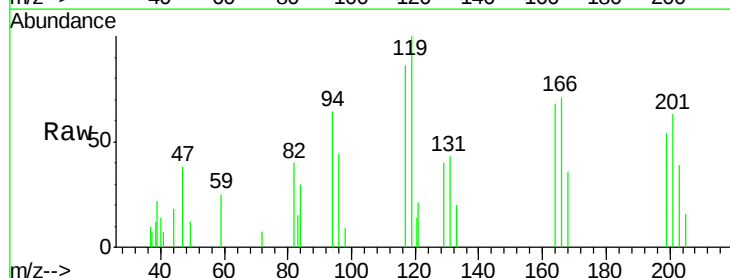
Acq: 20 Mar 2018 13:32

Tgt Ion: 117 Resp: 855

Ion Ratio Lower Upper

117 100

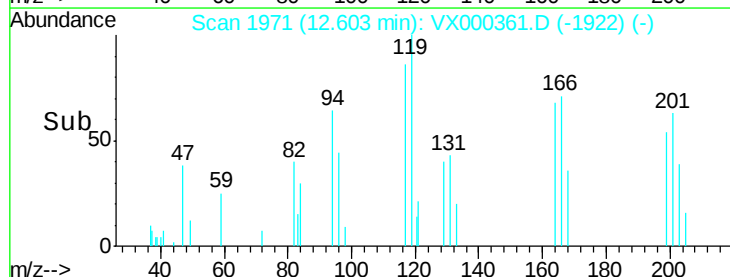
201 77.7 37.9 113.6

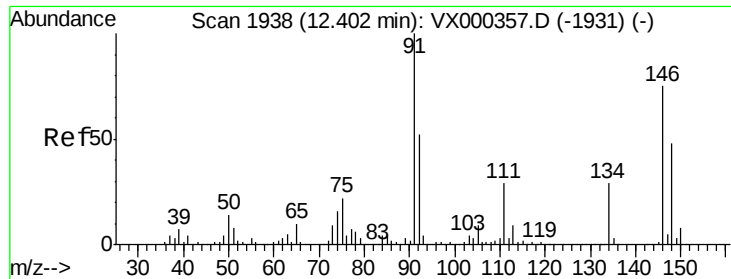


Abundance Ion 116.80 (116.50 to 117.50): VX000357.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000357.D (-1964) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 1.07 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

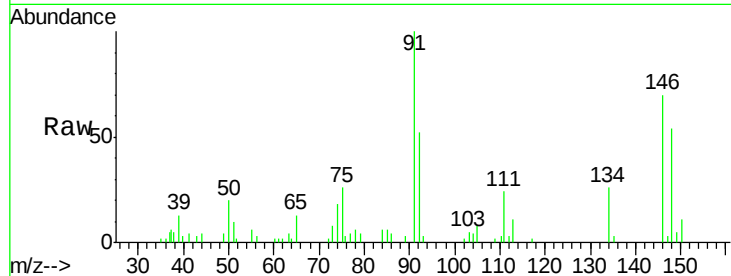
Tgt Ion:146 Resp: 3068

Ion Ratio Lower Upper

146 100

111 45.5 20.1 60.2

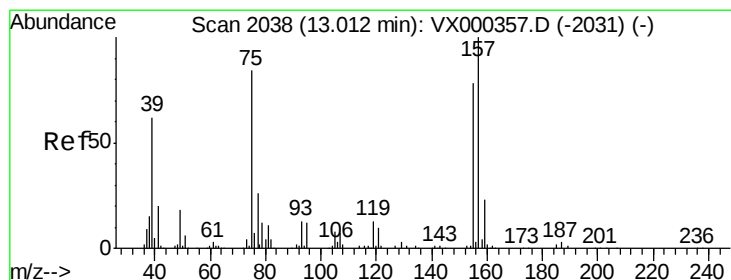
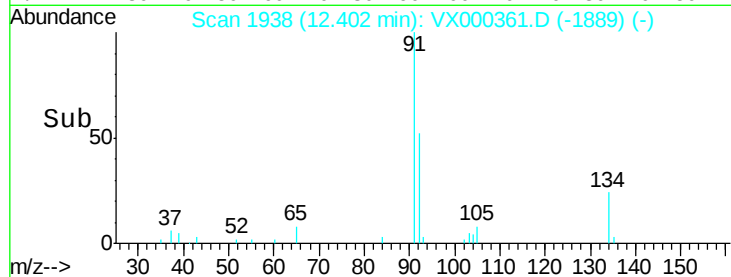
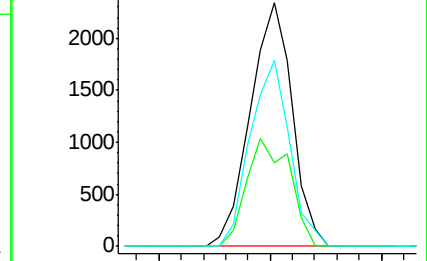
148 72.2 31.2 93.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.23 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

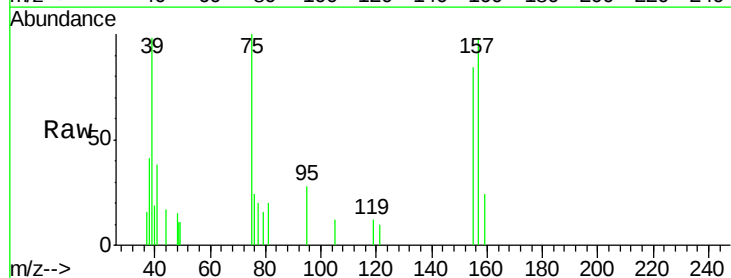
Tgt Ion: 75 Resp: 681

Ion Ratio Lower Upper

75 100

155 79.1 45.0 134.8

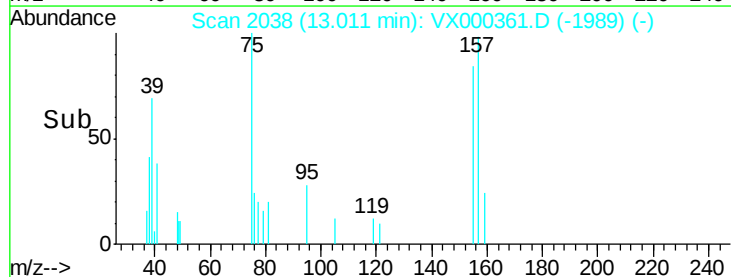
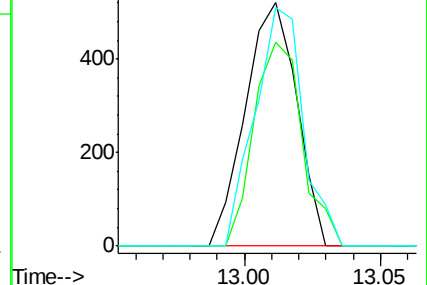
157 92.2 58.1 174.2

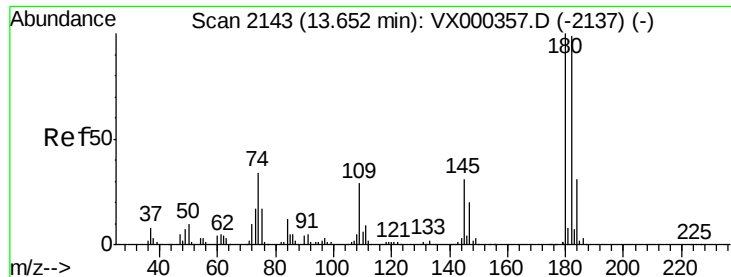


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

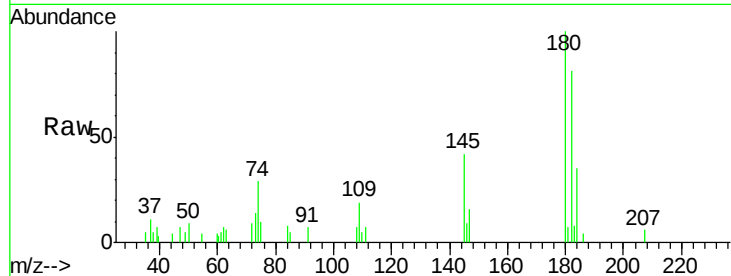




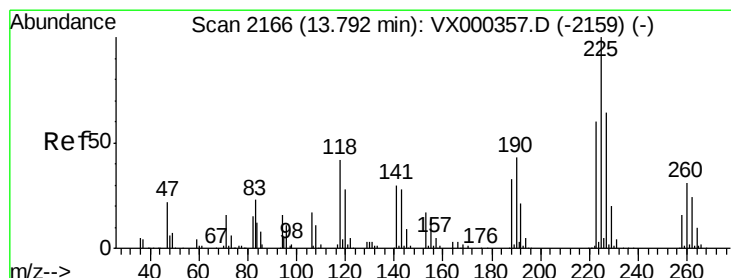
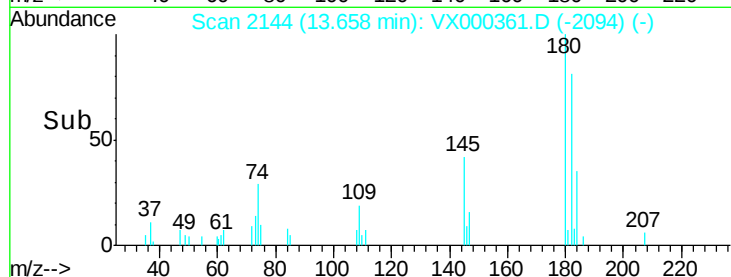
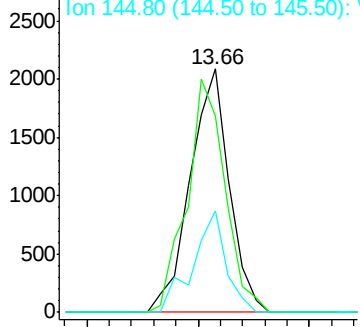
#93
1,2,4-Trichlorobenzene
Concen: 1.23 ug/l
RT: 13.66 min Scan# 2144
Delta R.T. 0.01 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion:180 Resp: 2548
Ion Ratio Lower Upper
180 100
182 93.4 47.6 142.9
145 35.4 15.1 45.3

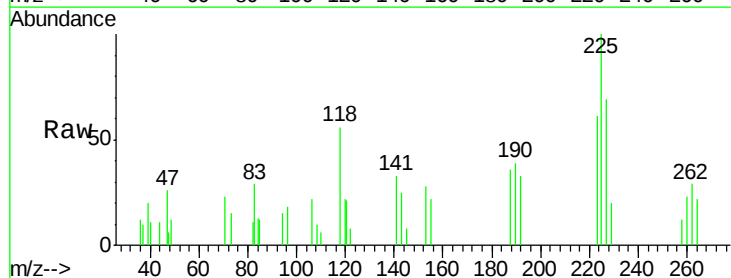


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

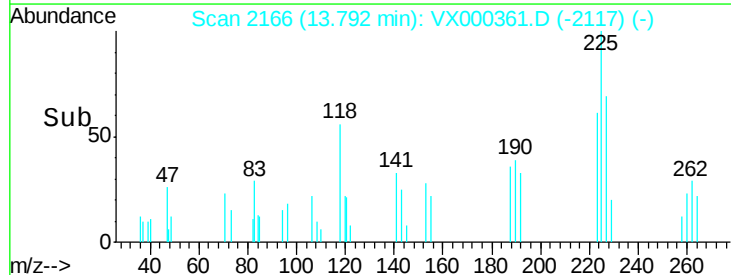
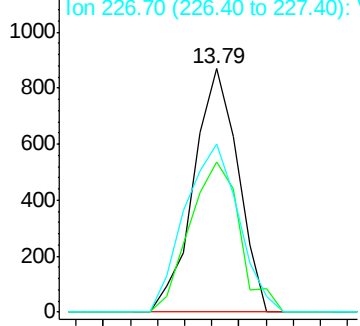


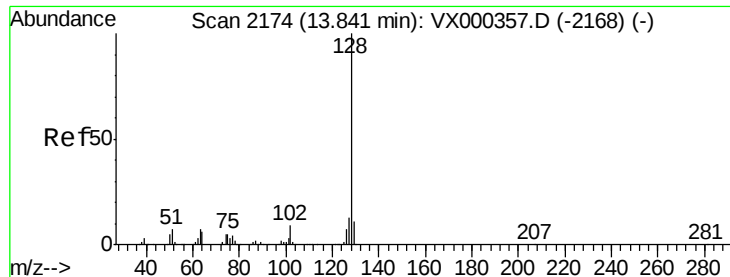
#94
Hexachlorobutadiene
Concen: 1.20 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion:225 Resp: 981
Ion Ratio Lower Upper
225 100
223 69.7 32.0 96.0
227 84.1 32.6 98.0



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





#95

Naphthalene

Concen: 1.10 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

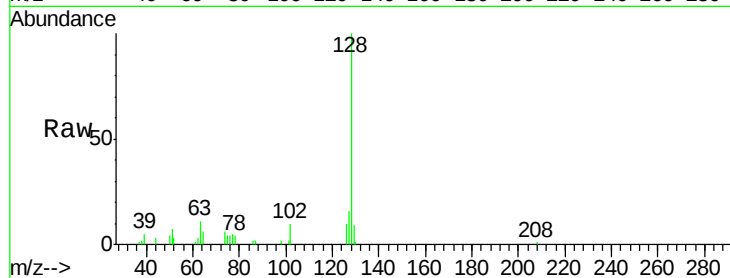
Tgt Ion:128 Resp: 7894

Ion Ratio Lower Upper

128 100

127 15.9 10.6 15.8#

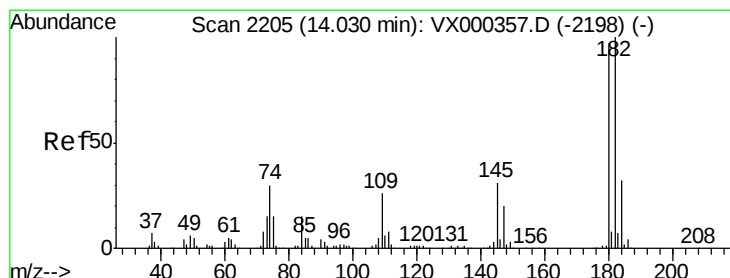
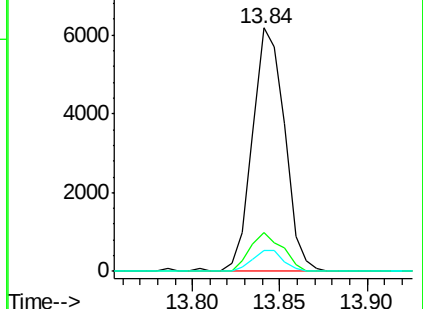
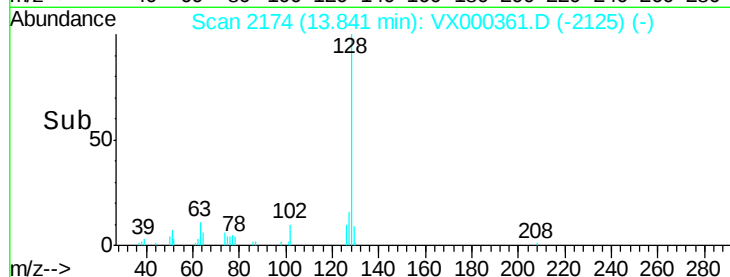
129 8.3 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.13 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

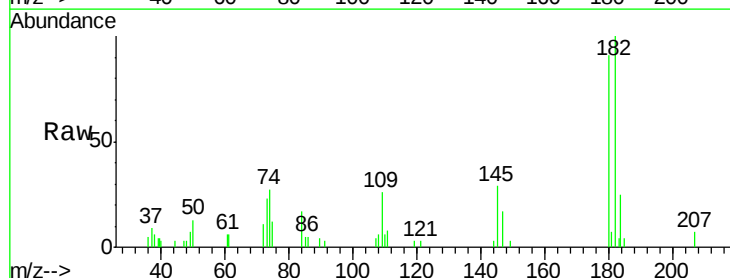
Tgt Ion:180 Resp: 2366

Ion Ratio Lower Upper

180 100

182 104.0 47.4 142.3

145 29.7 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

