

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
 Data File : VX000482.D
 Acq On : 28 Mar 2018 12:13
 Operator : JC/MD
 Sample : VX0328WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Quant Time: Mar 29 04:07:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	132861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	203681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	222186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124623	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	75088	43.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.60%	
35) Dibromofluoromethane	5.51	113	59758	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
50) Toluene-d8	8.72	98	253561	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.15	95	98203	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28859	19.71	ug/l	98
3) Chloromethane	1.32	50	29448	19.09	ug/l	97
4) Vinyl Chloride	1.40	62	34591	21.22	ug/l	97
5) Bromomethane	1.64	94	26089	13.40	ug/l	91
6) Chloroethane	1.73	64	22461	24.29	ug/l	90
7) Trichlorofluoromethane	1.93	101	60362	20.52	ug/l	99
8) Diethyl Ether	2.19	74	20682	19.67	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33714	20.55	ug/l	97
10) Methyl Iodide	2.51	142	18691	14.79	ug/l	99
11) Tert butyl alcohol	3.06	59	61322	102.79	ug/l	100
12) 1,1-Dichloroethene	2.38	96	30174	20.95	ug/l	94
13) Acrolein	2.29	56	16614	96.72	ug/l	96
14) Allyl chloride	2.73	41	53855	21.12	ug/l	97
15) Acrylonitrile	3.15	53	121675	100.70	ug/l	99
16) Acetone	2.45	43	152566	105.75	ug/l	97
17) Carbon Disulfide	2.57	76	78070	20.39	ug/l	99
18) Methyl Acetate	2.78	43	60868	20.12	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	106930	20.08	ug/l	94
20) Methylene Chloride	2.86	84	32938	19.77	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	32497	20.23	ug/l	96
22) Diisopropyl ether	3.87	45	104236	23.15	ug/l	96
23) Vinyl Acetate	3.83	43	497078	116.47	ug/l	99
24) 1,1-Dichloroethane	3.70	63	59925	21.17	ug/l	99
25) 2-Butanone	4.71	43	162479	100.19	ug/l	98
26) 2,2-Dichloropropane	4.59	77	38881	19.60	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	30487	20.31	ug/l	97
28) Bromochloromethane	5.03	49	17927	15.36	ug/l	98
29) Tetrahydrofuran	5.17	42	96784	97.00	ug/l	99
30) Chloroform	5.23	83	53011	19.98	ug/l	97
31) Cyclohexane	5.59	56	44369	20.28	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	47275	19.76	ug/l	96
36) 1,1-Dichloropropene	5.81	75	40534	21.25	ug/l	100
37) Ethyl Acetate	4.87	43	50685	19.45	ug/l	99
38) Carbon Tetrachloride	5.79	117	40223	20.10	ug/l	94

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51195	22.06	ug/l	95
40) Benzene	6.15	78	118372	21.36	ug/l	100
41) Methacrylonitrile	5.07	41	26684	19.42	ug/l	97
42) 1,2-Dichloroethane	6.21	62	46571	21.42	ug/l	99
43) Isopropyl Acetate	6.48	43	78303	20.18	ug/l	99
44) Trichloroethene	7.22	130	33147	20.88	ug/l	89
45) 1,2-Dichloropropane	7.52	63	31128	21.95	ug/l	98
46) Dibromomethane	7.67	93	23210	20.85	ug/l	97
47) Bromodichloromethane	7.91	83	41505	21.19	ug/l	98
48) Methyl methacrylate	7.79	41	39068	20.74	ug/l	96
49) 1,4-Dioxane	7.77	88	16873	426.21	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	318112	105.94	ug/l	98
52) Toluene	8.79	92	83161	21.47	ug/l	96
53) t-1,3-Dichloropropene	8.45	75	47381	20.88	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	49607	22.53	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	35750	22.44	ug/l	99
56) Ethyl methacrylate	9.19	69	51059	21.15	ug/l	98
57) 1,3-Dichloropropane	9.38	76	57619	22.62	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	109371	94.41	ug/l	100
59) 2-Hexanone	9.51	43	279437	109.60	ug/l	98
60) Dibromochloromethane	9.59	129	36031	21.66	ug/l	99
61) 1,2-Dibromoethane	9.68	107	38456	22.51	ug/l	98
64) Tetrachloroethene	9.34	164	35147	20.38	ug/l	93
65) Chlorobenzene	10.15	112	100915	20.41	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	33195	19.77	ug/l	97
67) Ethyl Benzene	10.26	91	173190	20.66	ug/l	99
68) m/p-Xylenes	10.37	106	136659	41.43	ug/l	100
69) o-Xylene	10.71	106	63909	20.01	ug/l	98
70) Styrene	10.72	104	107928	20.42	ug/l	99
71) Bromoform	10.87	173	27487	18.98	ug/l #	98
73) Isopropylbenzene	11.02	105	181843	22.02	ug/l	98
74) N-amyl acetate	6.48	43	78303	19.76	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	63646	21.79	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	72304	27.00	ug/l	85
77) Bromobenzene	11.26	156	46005	20.91	ug/l	98
78) n-propylbenzene	11.37	91	217932	22.13	ug/l	99
79) 2-Chlorotoluene	11.43	91	121490	21.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	154724	22.29	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	16203	19.59	ug/l	93
82) 4-Chlorotoluene	11.52	91	148263	21.83	ug/l	100
83) tert-Butylbenzene	11.78	119	150815	21.54	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	158191	21.73	ug/l	100
85) sec-Butylbenzene	11.96	105	193078	22.28	ug/l	99
86) p-Isopropyltoluene	12.07	119	168201	21.86	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	89425	21.50	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	89406	20.48	ug/l	97
89) n-Butylbenzene	12.40	91	163604	22.84	ug/l	100
90) Hexachloroethane	12.60	117	26383	21.78	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	85478	20.96	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16426	20.17	ug/l	98

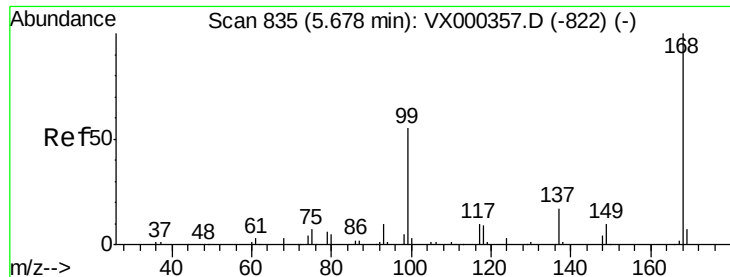
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65365	22.36	ug/l	98
94) Hexachlorobutadiene	13.79	225	30055	24.83	ug/l	99
95) Naphthalene	13.84	128	222966	21.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	65154	22.56	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampled :

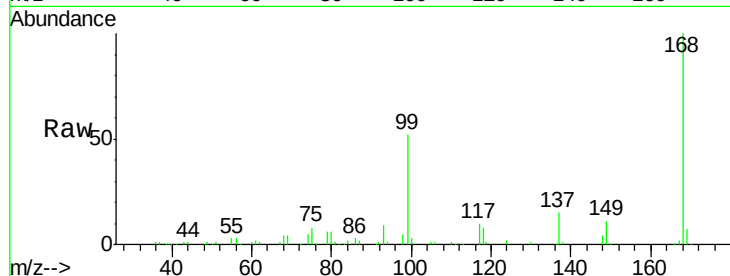
VX0328WBS01

Tgt Ion:168 Resp: 132861

Ion Ratio Lower Upper

168 100

99 52.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

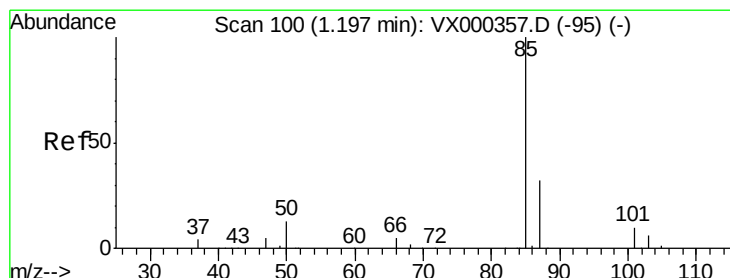
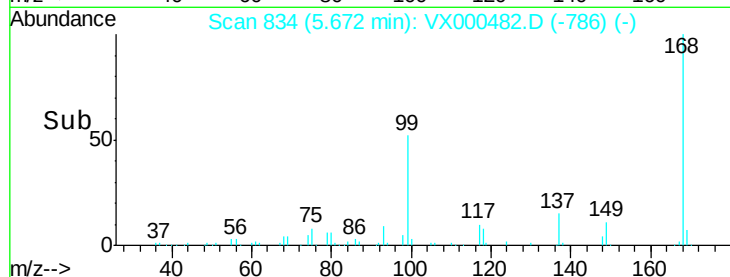
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.71 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000482.D

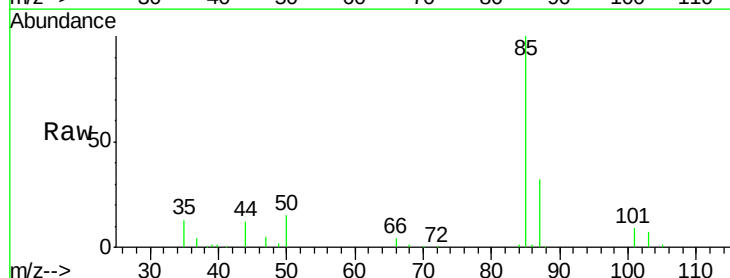
Acq: 28 Mar 2018 12:13

Tgt Ion: 85 Resp: 28859

Ion Ratio Lower Upper

85 100

87 32.1 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

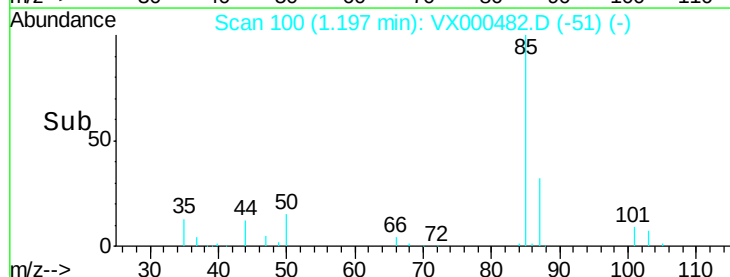
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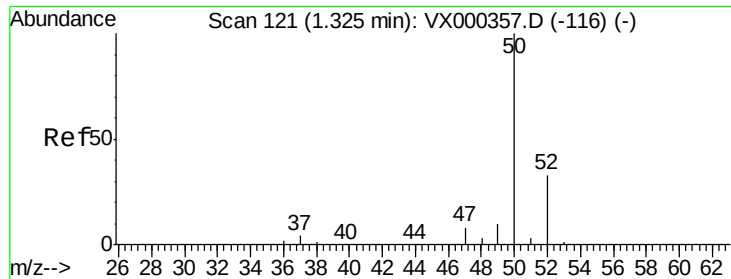
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.09 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

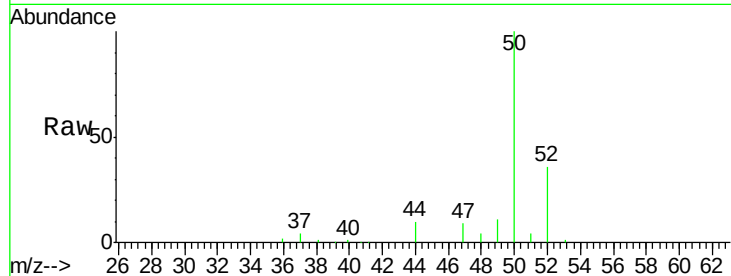
VX0328WBS01

Tgt Ion: 50 Resp: 29448

Ion Ratio Lower Upper

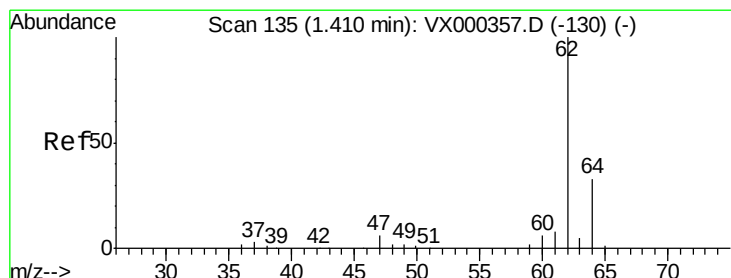
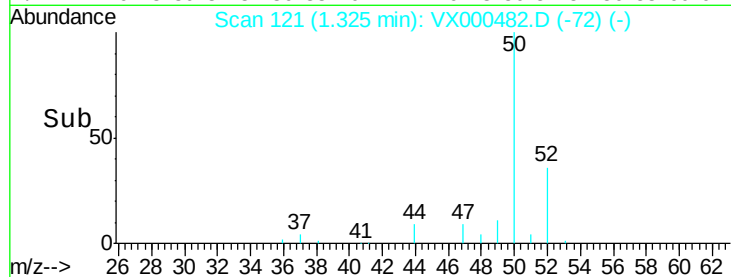
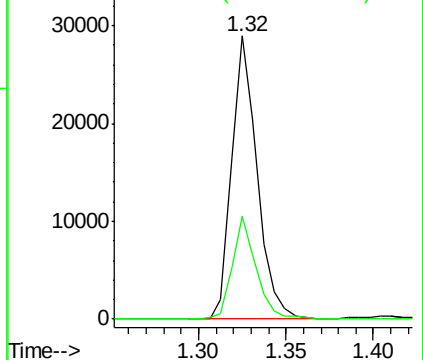
50 100

52 36.3 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.22 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000482.D

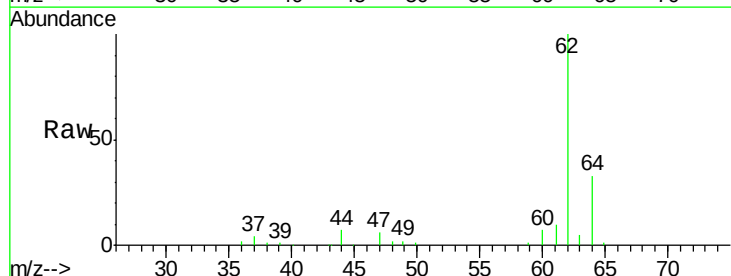
Acq: 28 Mar 2018 12:13

Tgt Ion: 62 Resp: 34591

Ion Ratio Lower Upper

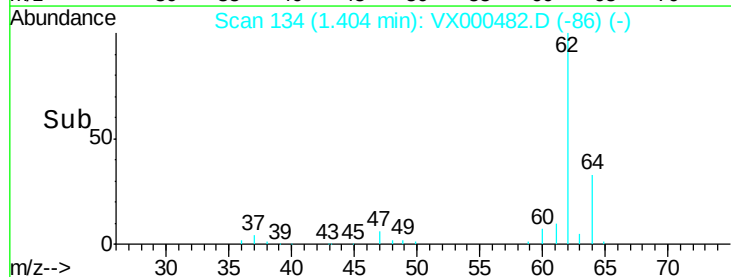
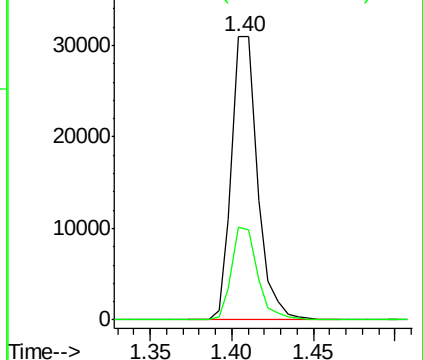
62 100

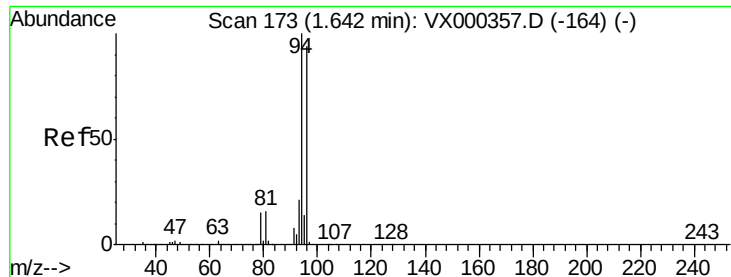
64 32.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 13.40 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

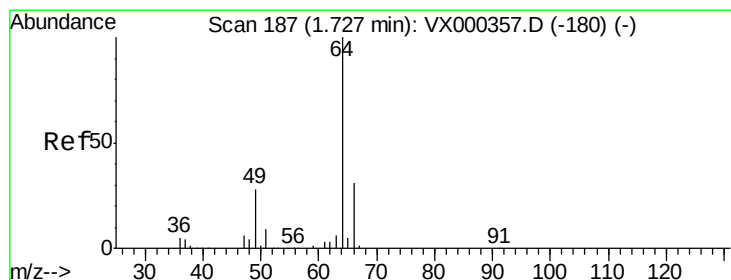
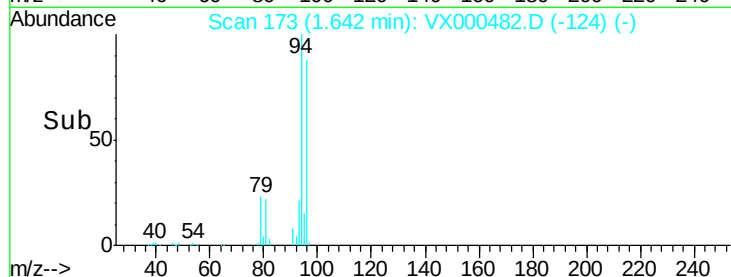
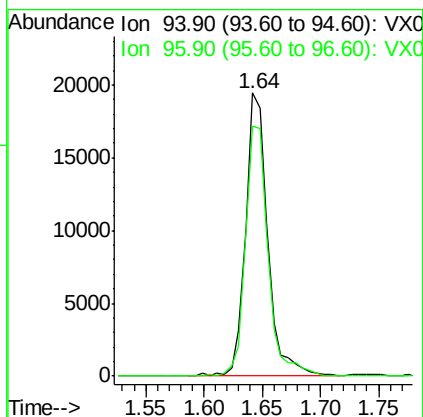
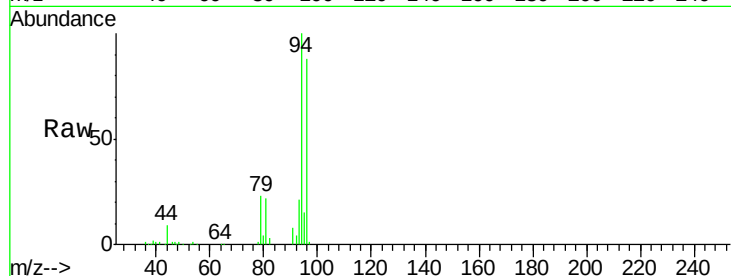
VX0328WBS01

Tgt Ion: 94 Resp: 26089

Ion Ratio Lower Upper

94 100

96 88.3 77.7 116.5



#6

Chloroethane

Concen: 24.29 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000482.D

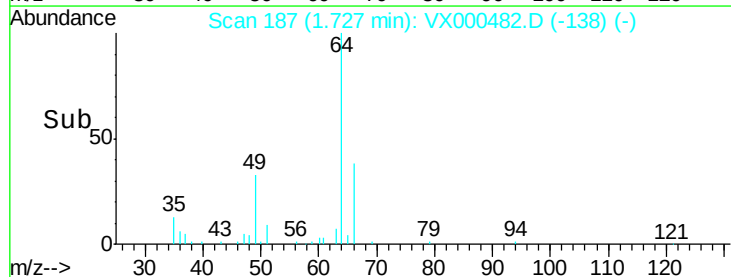
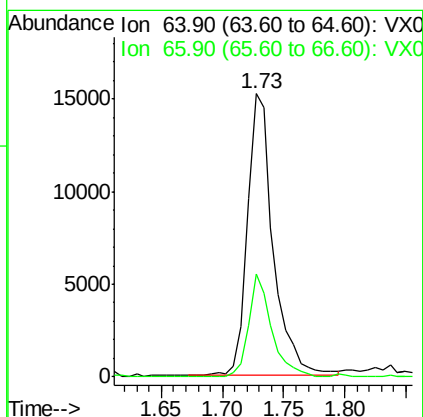
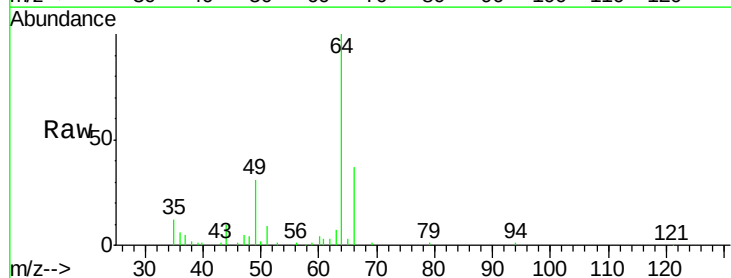
Acq: 28 Mar 2018 12:13

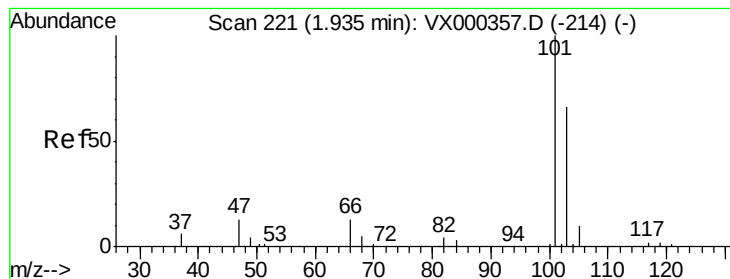
Tgt Ion: 64 Resp: 22461

Ion Ratio Lower Upper

64 100

66 36.7 24.8 37.2



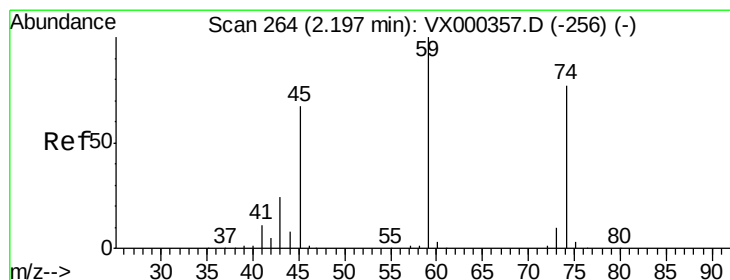
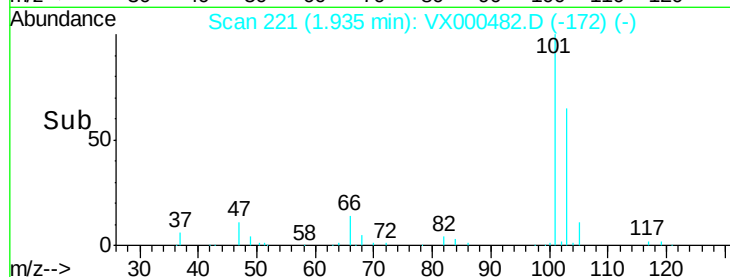
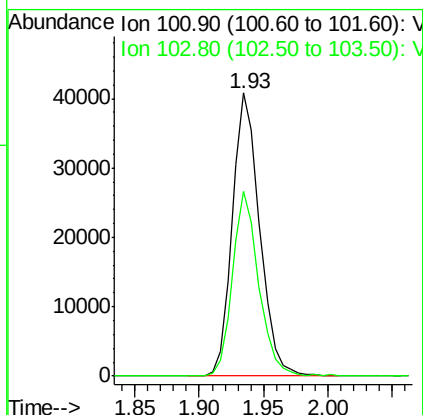
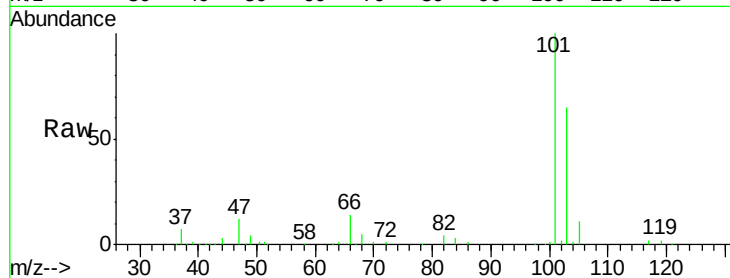


#7

Trichlorofluoromethane
 Concen: 20.52 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

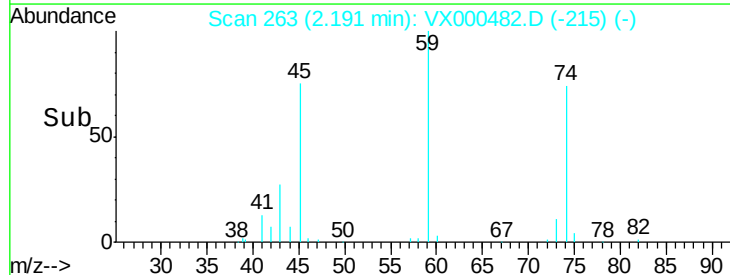
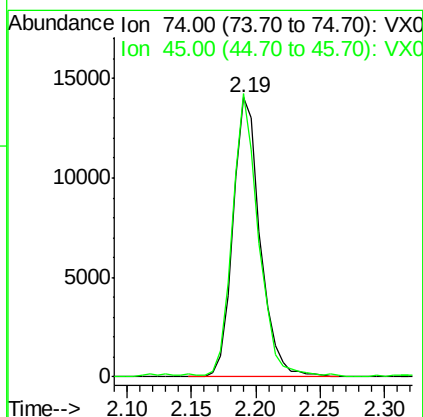
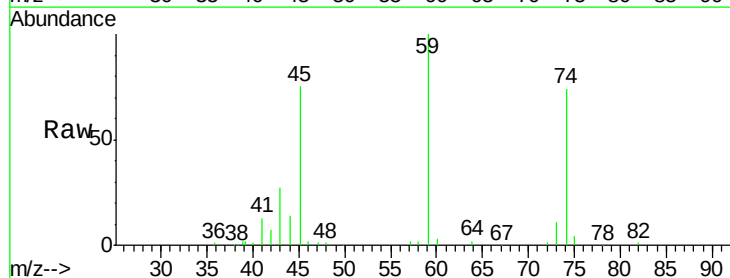
Tgt Ion:101 Resp: 60362
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.6 77.4

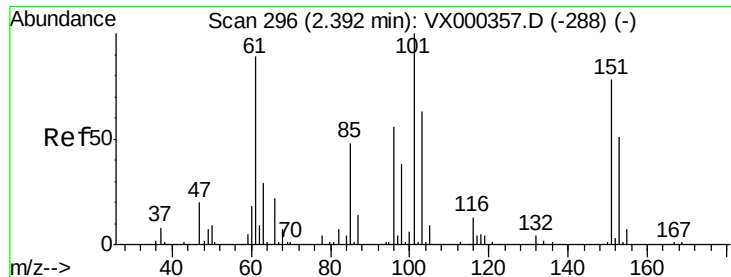


#8

Diethyl Ether
 Concen: 19.67 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion: 74 Resp: 20682
 Ion Ratio Lower Upper
 74 100
 45 98.7 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.55 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

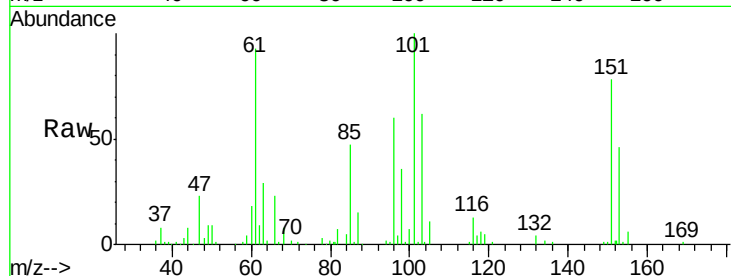
Tgt Ion:101 Resp: 33714

Ion Ratio Lower Upper

101 100

85 49.9 37.6 56.4

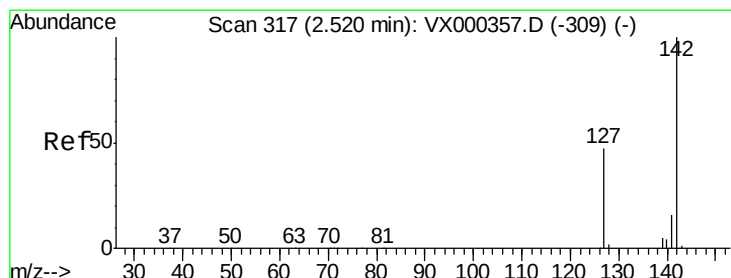
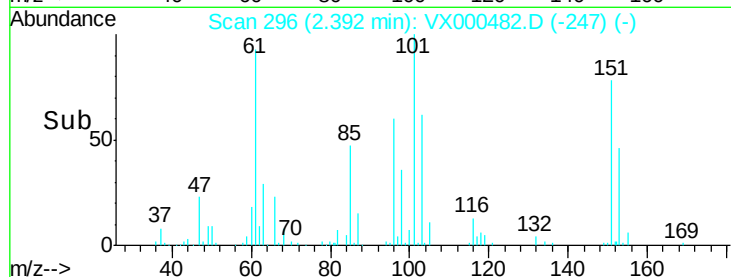
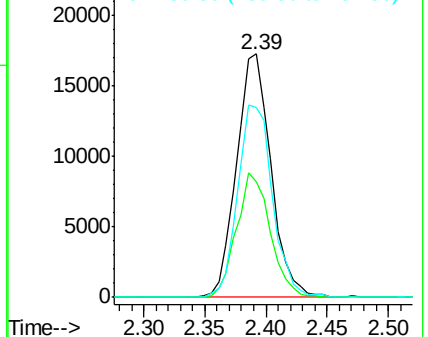
151 80.0 62.6 93.8



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: 14.79 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

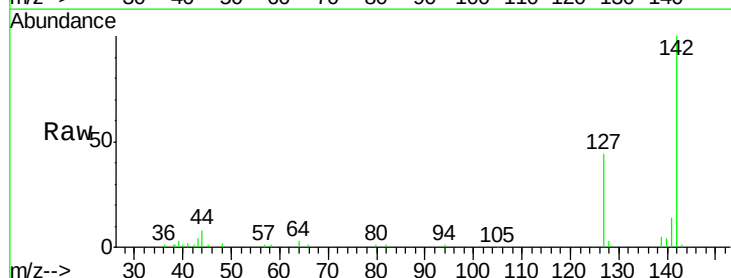
Tgt Ion:142 Resp: 18691

Ion Ratio Lower Upper

142 100

127 48.5 39.2 58.8

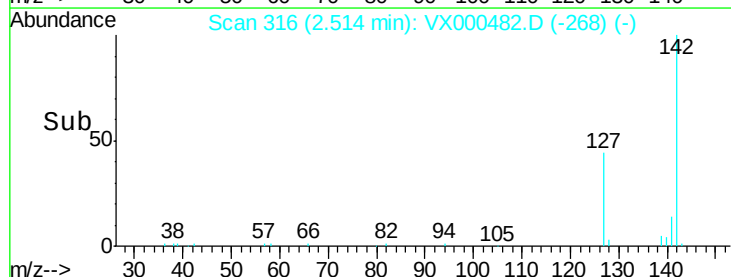
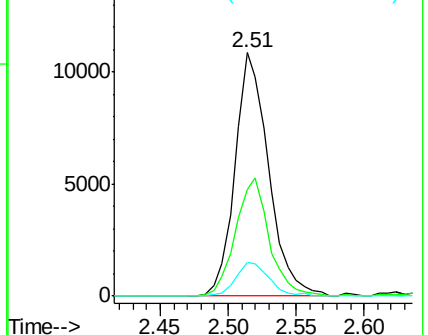
141 13.8 11.7 17.5

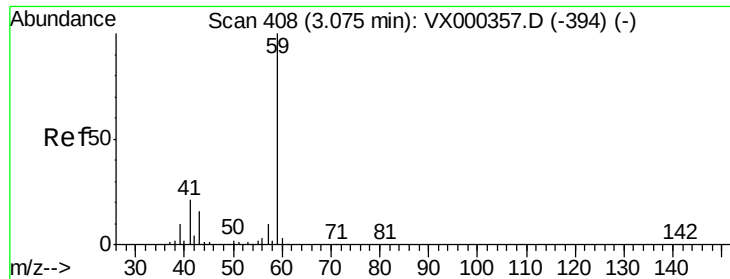


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

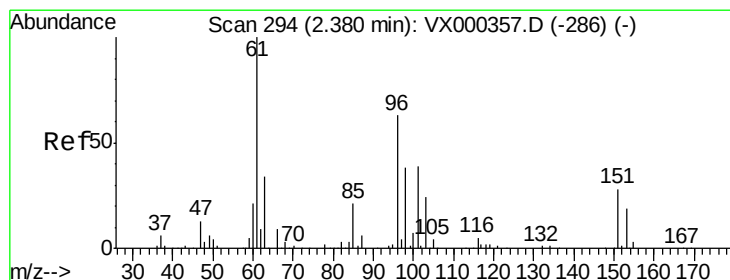
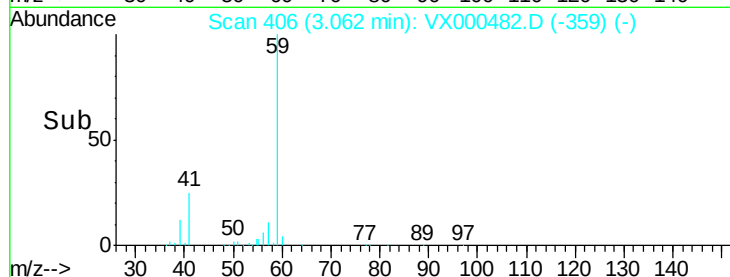
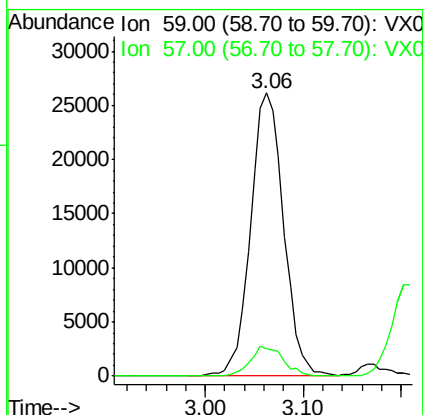
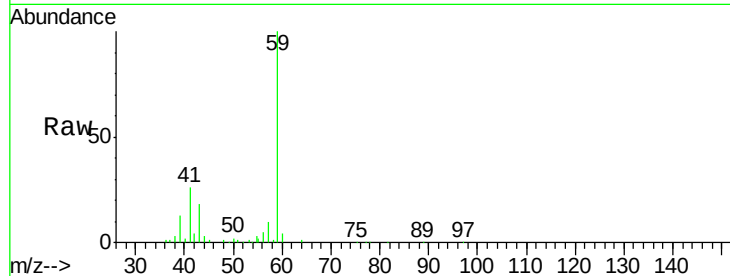




#11
Tert butyl alcohol
Concen: 102.79 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

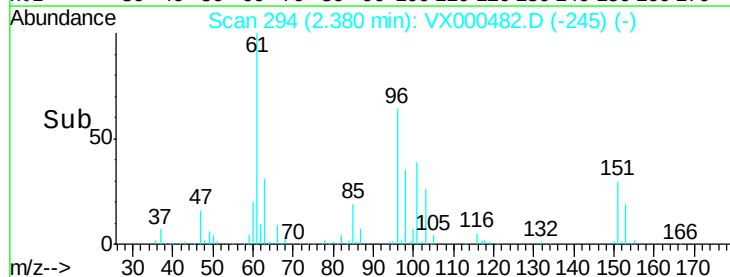
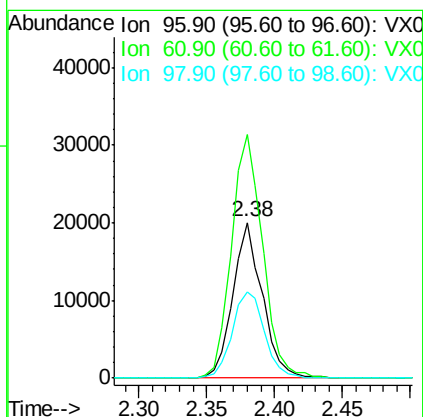
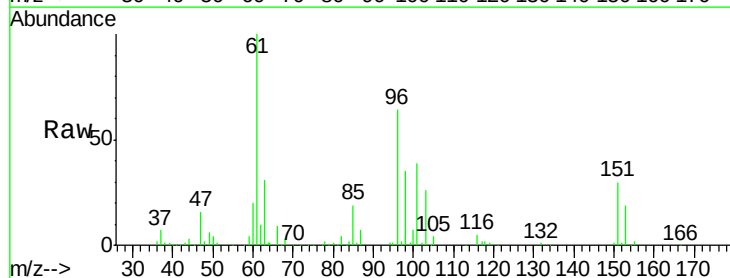
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

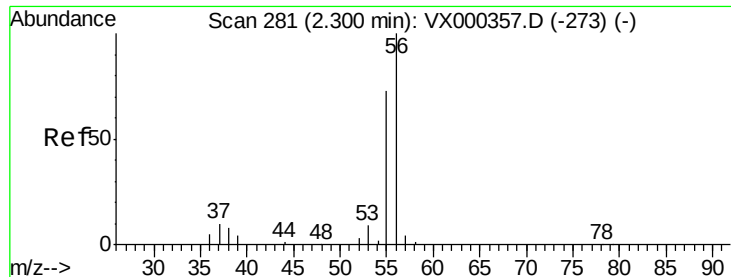
Tgt Ion: 59 Resp: 61322
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.95 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion: 96 Resp: 30174
Ion Ratio Lower Upper
96 100
61 156.7 131.2 196.8
98 55.5 49.8 74.8





#13

Acrolein

Concen: 96.72 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

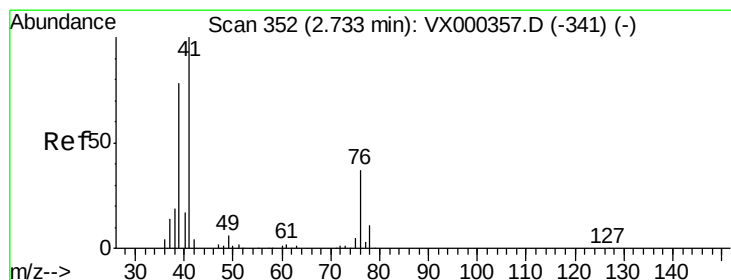
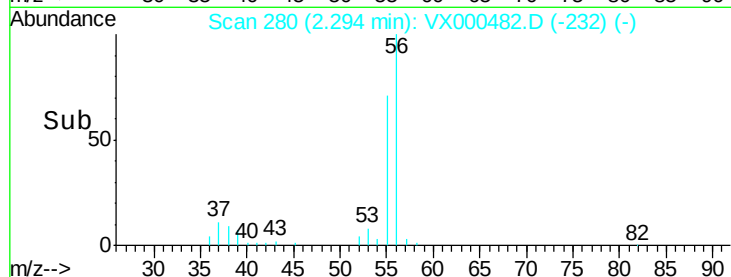
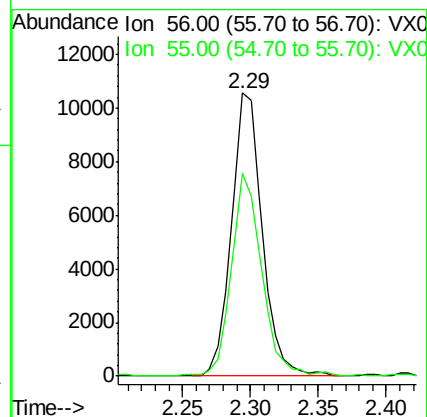
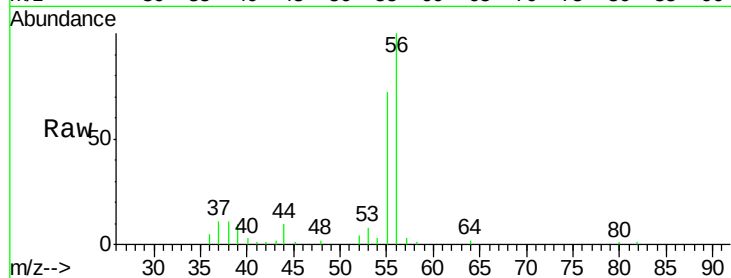
VX0328WBS01

Tgt Ion: 56 Resp: 16614

Ion Ratio Lower Upper

56 100

55 70.4 58.8 88.2



#14

Allyl chloride

Concen: 21.12 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

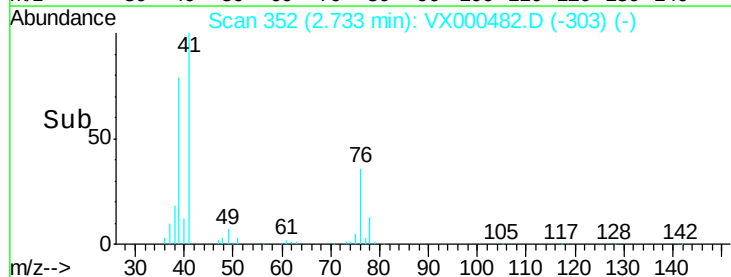
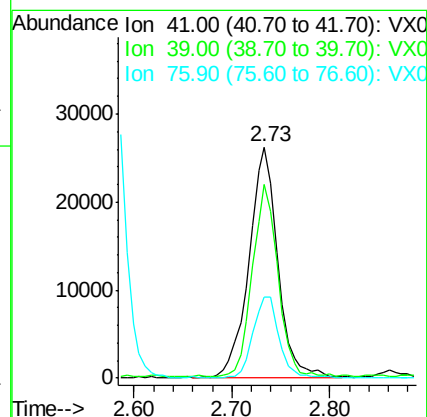
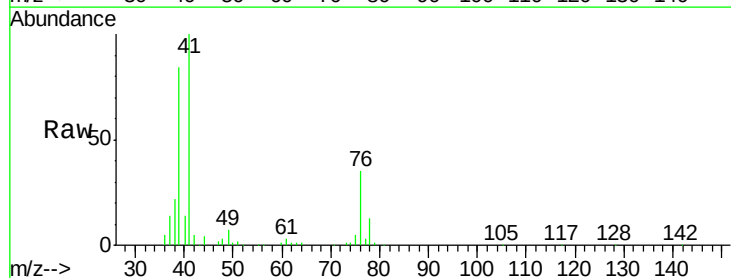
Tgt Ion: 41 Resp: 53855

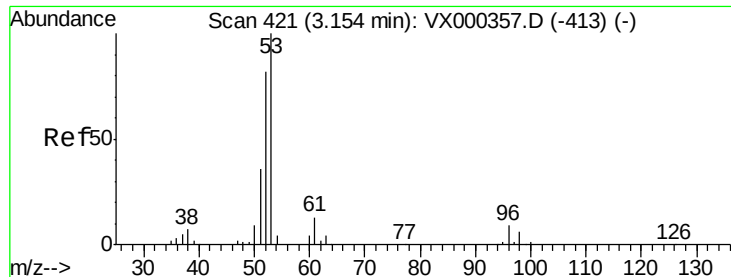
Ion Ratio Lower Upper

41 100

39 74.0 57.6 86.4

76 31.9 27.3 40.9





#15

Acrylonitrile

Concen: 100.70 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

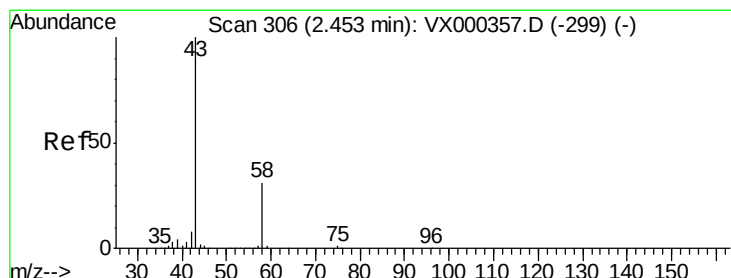
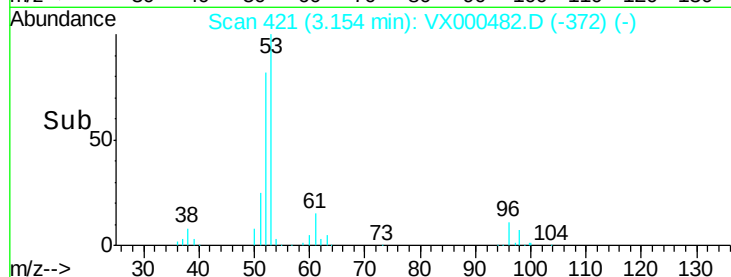
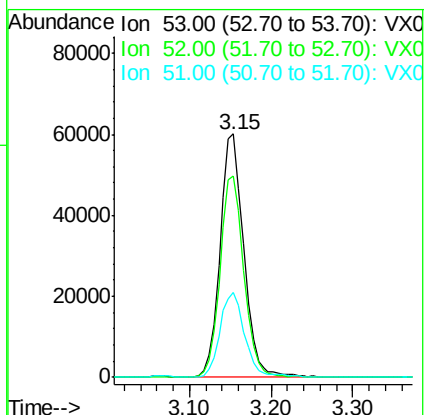
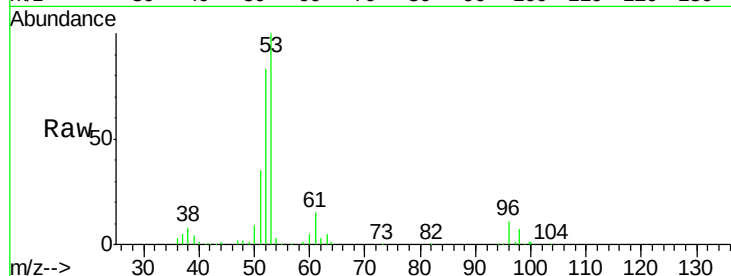
Tgt Ion: 53 Resp: 121675

Ion Ratio Lower Upper

53 100

52 82.4 66.6 99.8

51 36.6 29.3 43.9



#16

Acetone

Concen: 105.75 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000482.D

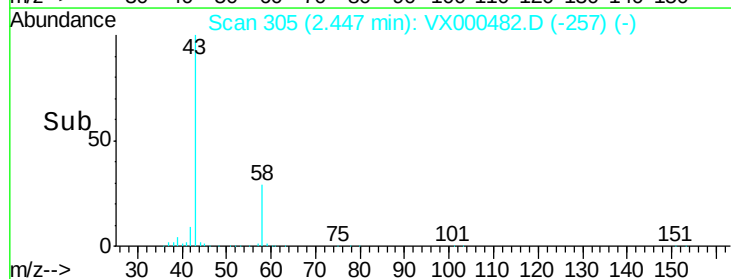
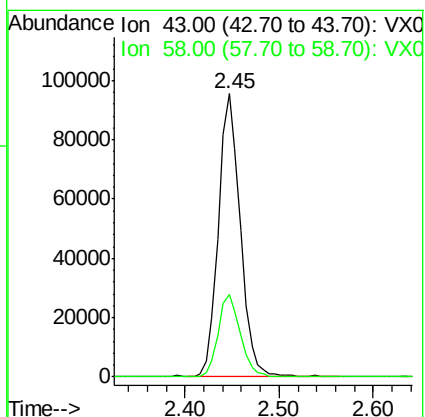
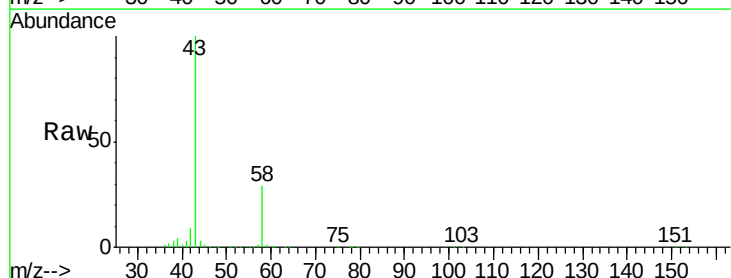
Acq: 28 Mar 2018 12:13

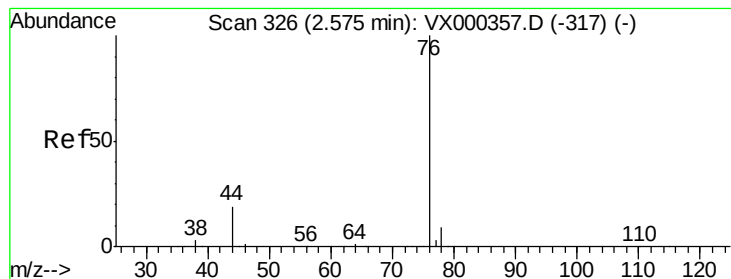
Tgt Ion: 43 Resp: 152566

Ion Ratio Lower Upper

43 100

58 29.1 24.7 37.1





#17

Carbon Disulfide

Concen: 20.39 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampled :

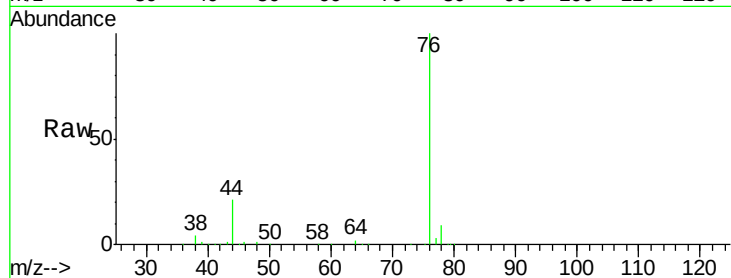
VX0328WBS01

Tgt Ion: 76 Resp: 78070

Ion Ratio Lower Upper

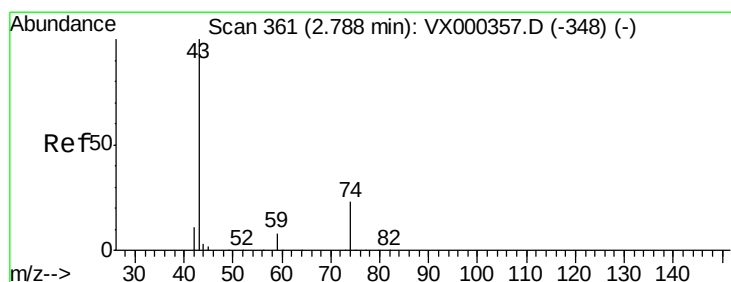
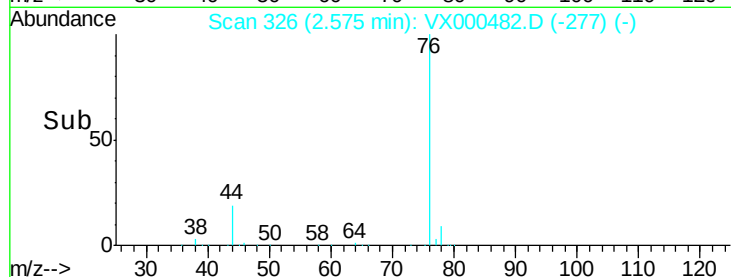
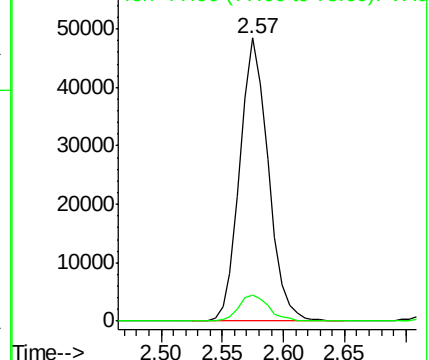
76 100

78 9.2 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: 20.12 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000482.D

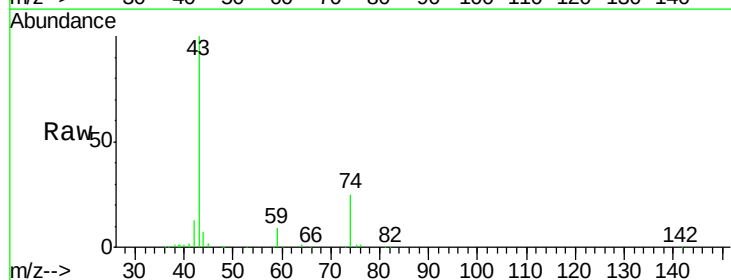
Acq: 28 Mar 2018 12:13

Tgt Ion: 43 Resp: 60868

Ion Ratio Lower Upper

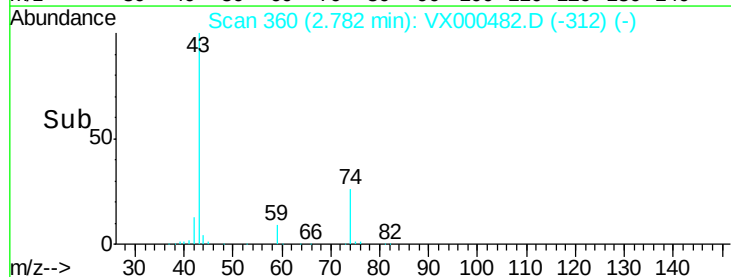
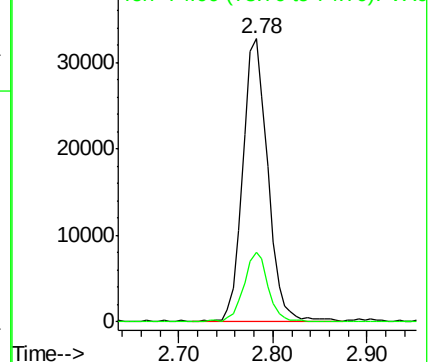
43 100

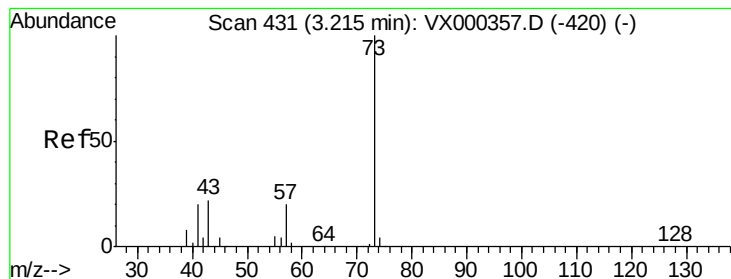
74 23.9 19.4 29.2



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: 20.08 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

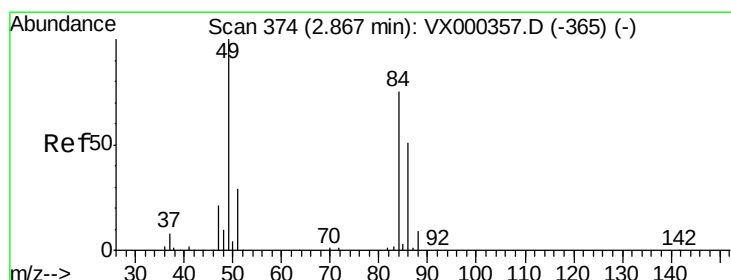
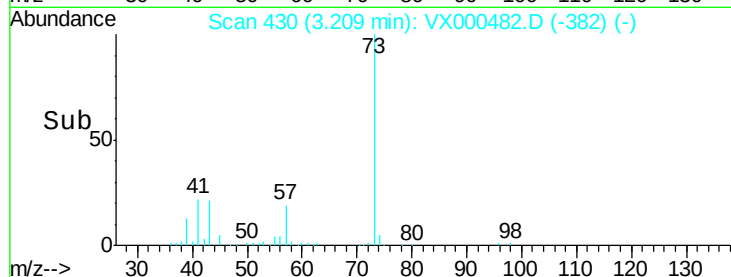
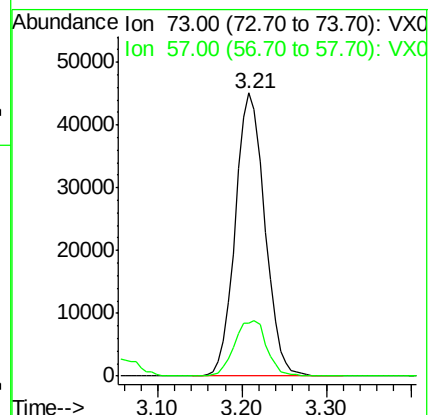
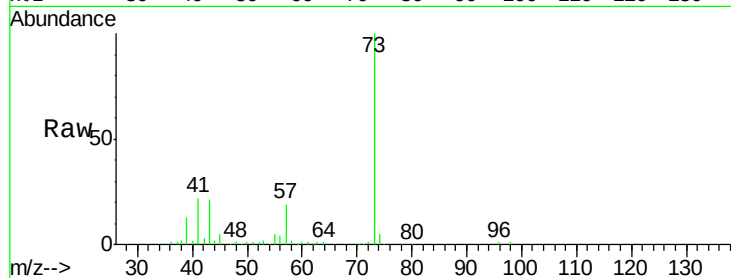
VX0328WBS01

Tgt Ion: 73 Resp: 106930

Ion Ratio Lower Upper

73 100

57 18.8 17.2 25.8



#20

Methylene Chloride

Concen: 19.77 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Tgt Ion: 84 Resp: 32938

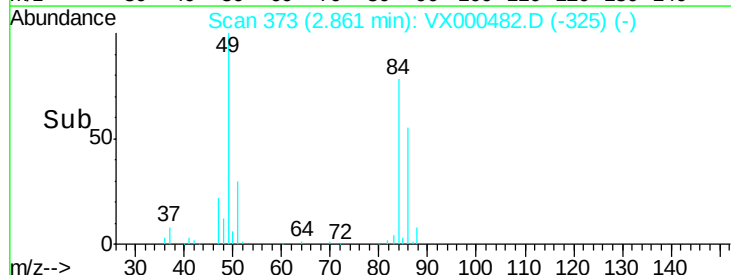
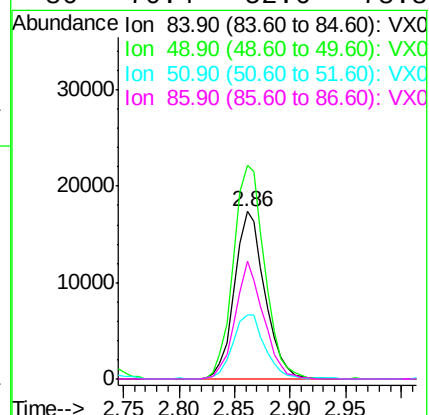
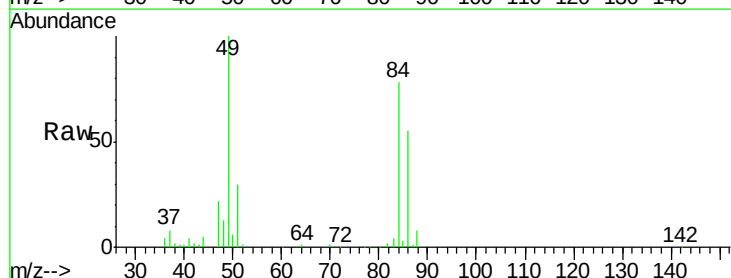
Ion Ratio Lower Upper

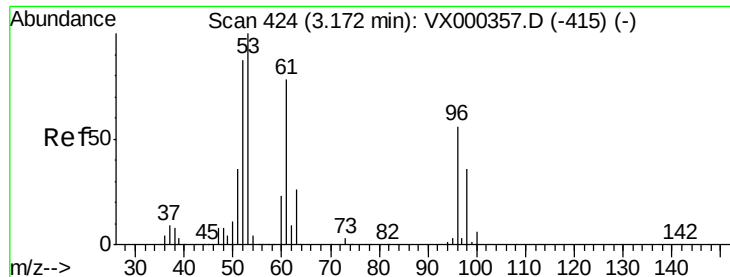
84 100

49 127.8 100.6 151.0

51 38.4 31.6 47.4

86 70.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.23 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

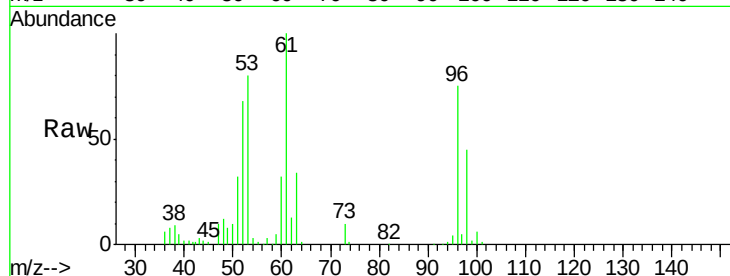
Tgt Ion: 96 Resp: 32497

Ion Ratio Lower Upper

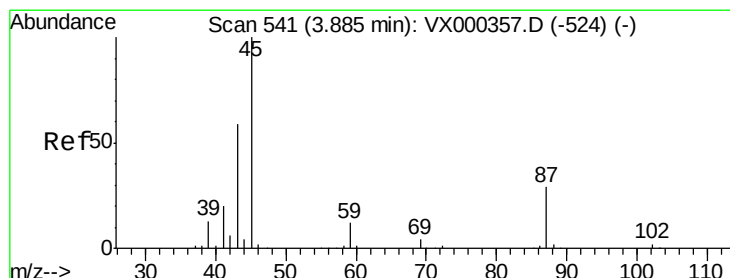
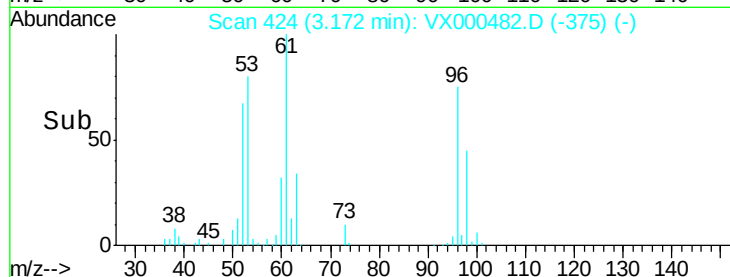
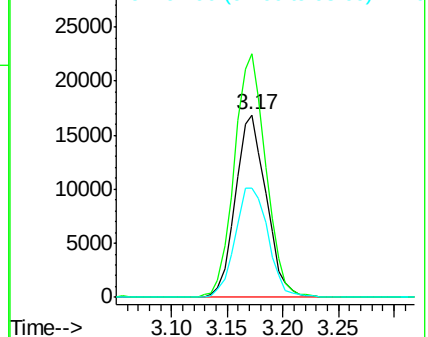
96 100

61 133.2 104.0 156.0

98 60.0 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: 23.15 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Tgt Ion: 45 Resp: 104236

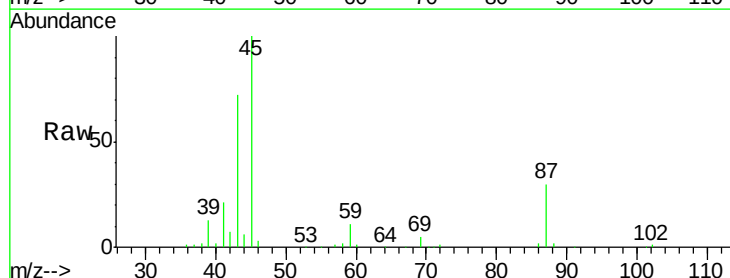
Ion Ratio Lower Upper

45 100

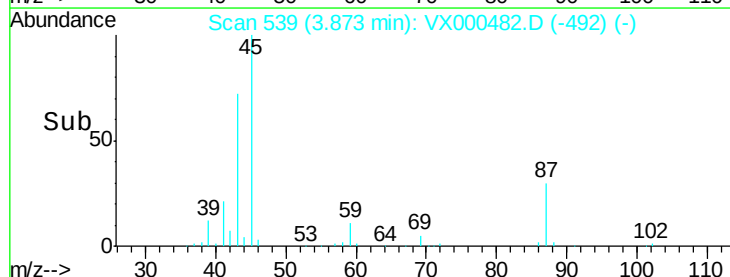
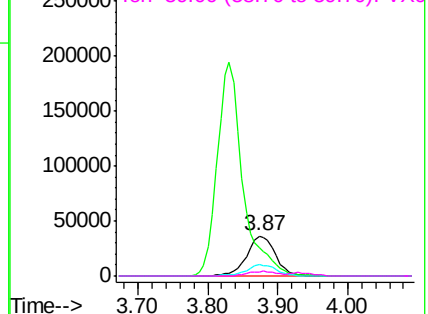
43 71.0 53.9 80.9

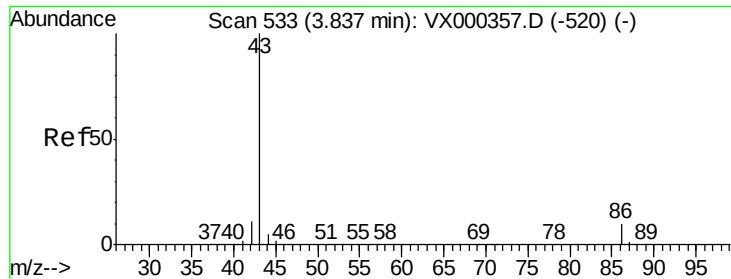
87 30.0 22.6 34.0

59 11.2 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: 116.47 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

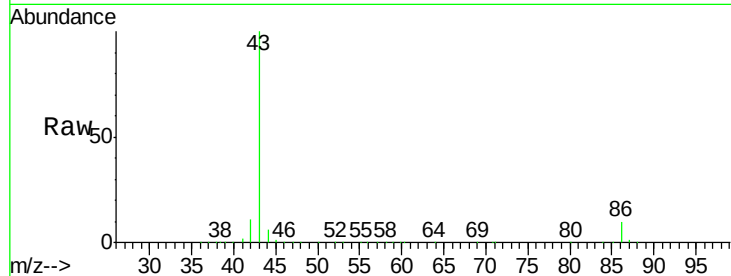
VX0328WBS01

Tgt Ion: 43 Resp: 497078

Ion Ratio Lower Upper

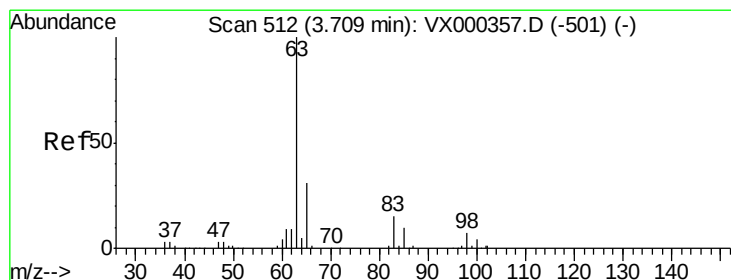
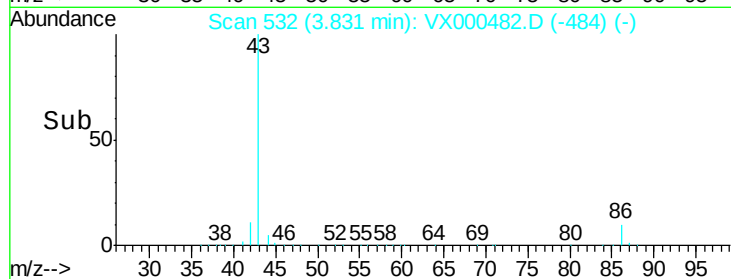
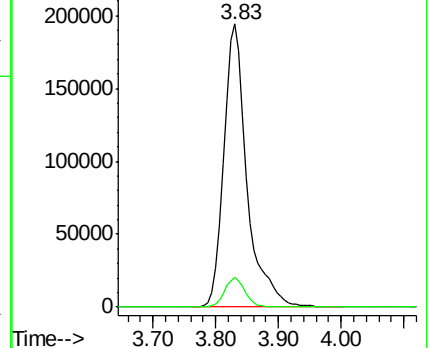
43 100

86 10.5 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: 21.17 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

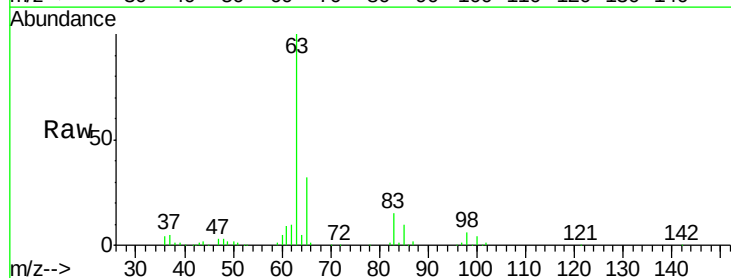
Tgt Ion: 63 Resp: 59925

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

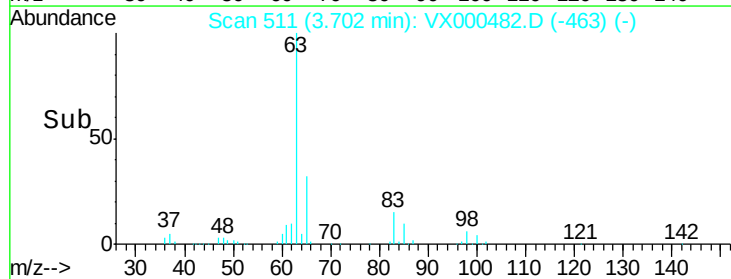
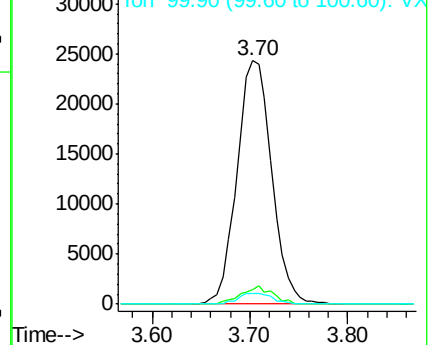
100 4.3 2.0 5.8

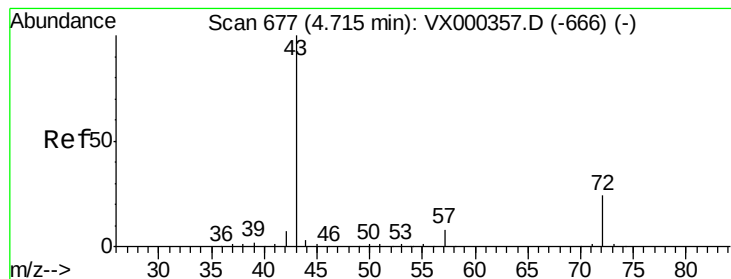


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.19 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

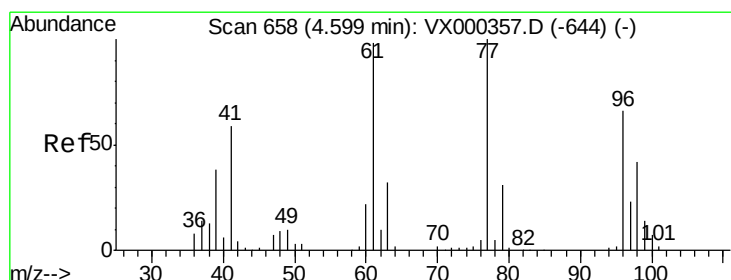
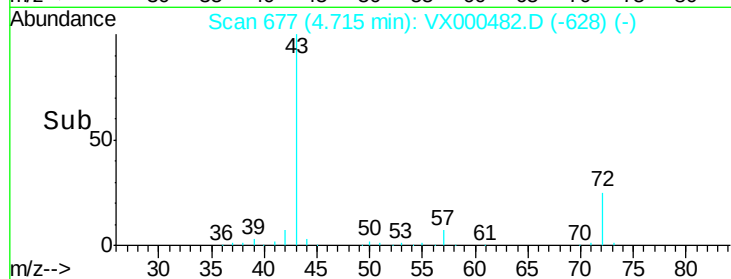
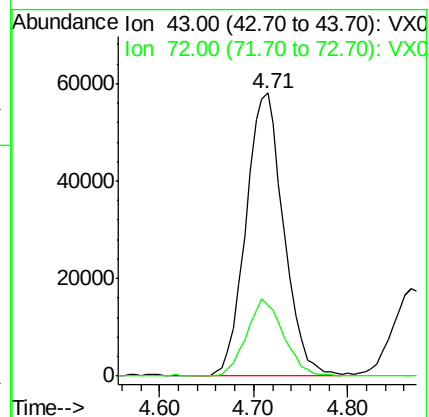
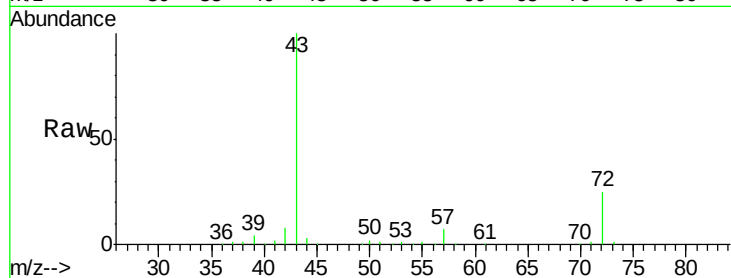
VX0328WBS01

Tgt Ion: 43 Resp: 162479

Ion Ratio Lower Upper

43 100

72 25.0 21.0 31.6



#26

2,2-Dichloropropane

Concen: 19.60 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000482.D

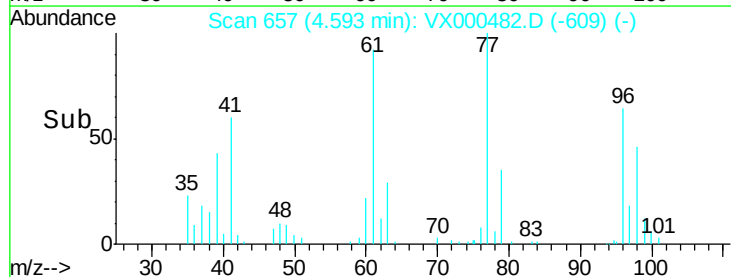
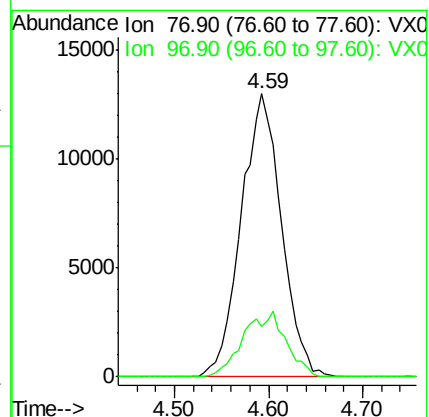
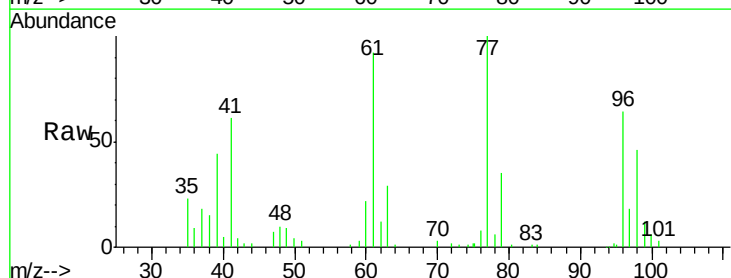
Acq: 28 Mar 2018 12:13

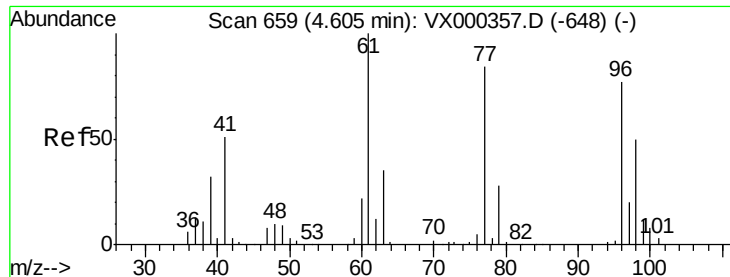
Tgt Ion: 77 Resp: 38881

Ion Ratio Lower Upper

77 100

97 24.5 11.3 33.8



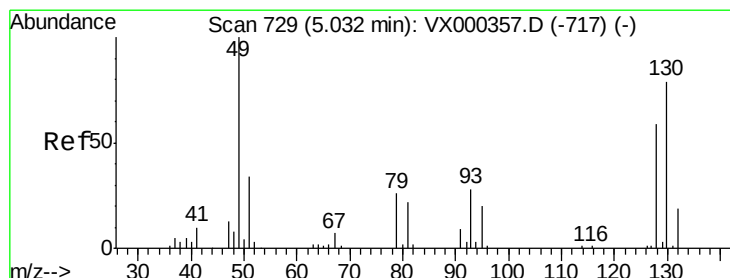
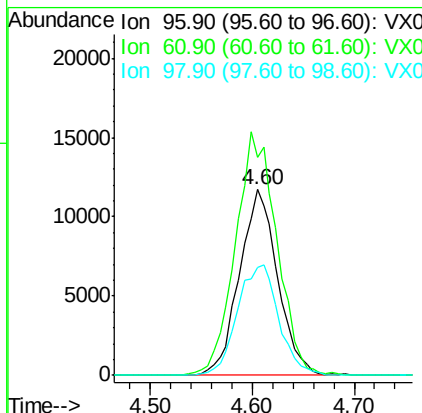
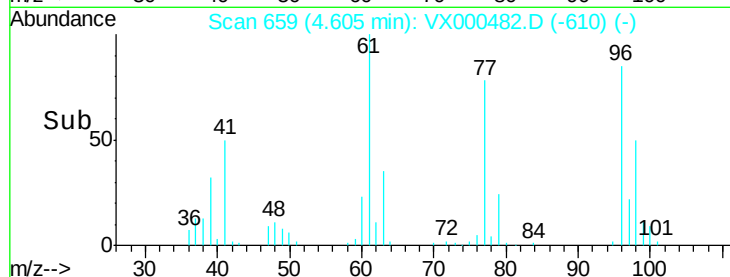
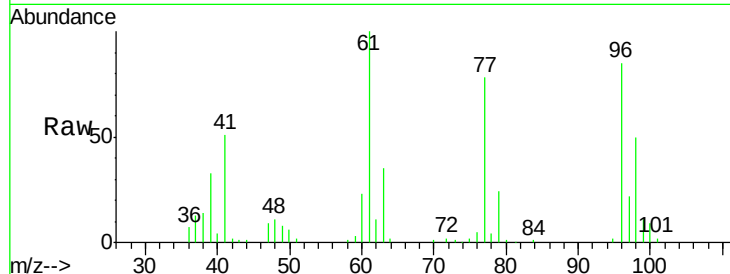


#27

cis-1,2-Dichloroethene
Concen: 20.31 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

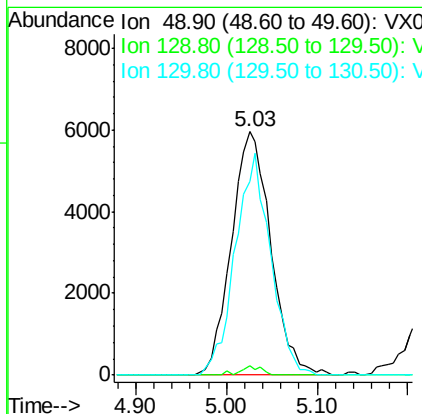
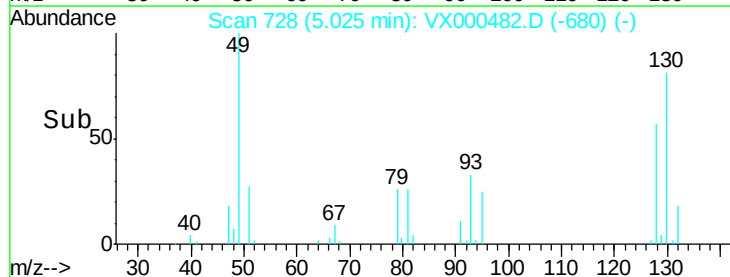
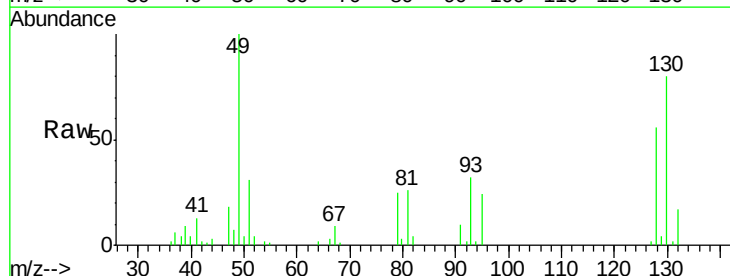
Tgt Ion: 96 Resp: 30487
Ion Ratio Lower Upper
96 100
61 141.4 0.0 291.6
98 63.9 0.0 132.0

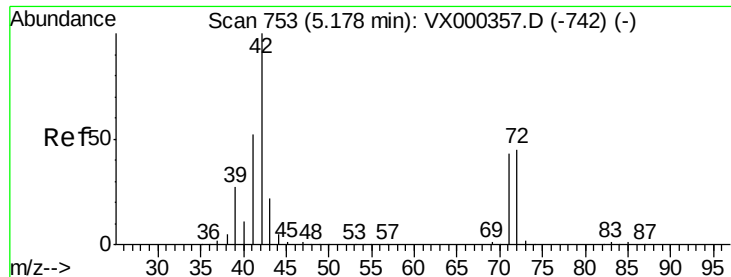


#28

Bromochloromethane
Concen: 15.36 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion: 49 Resp: 17927
Ion Ratio Lower Upper
49 100
129 1.9 0.0 5.0
130 81.9 64.0 96.0

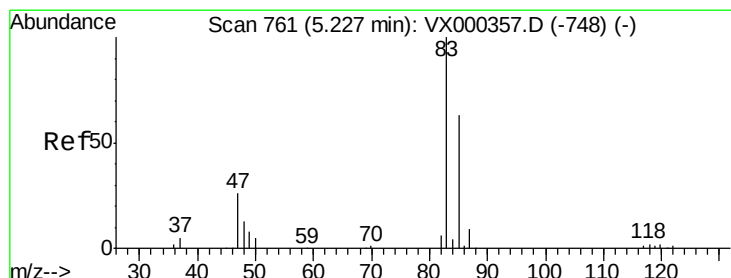
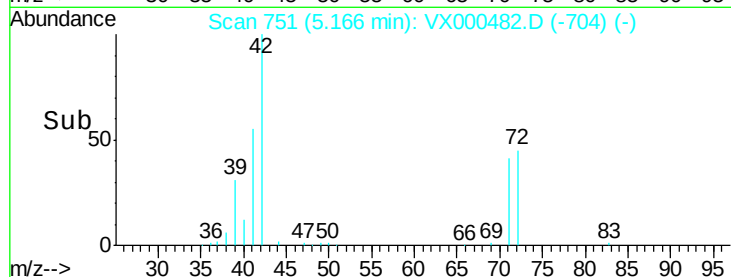
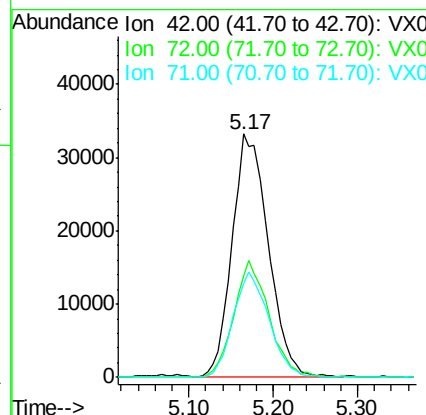
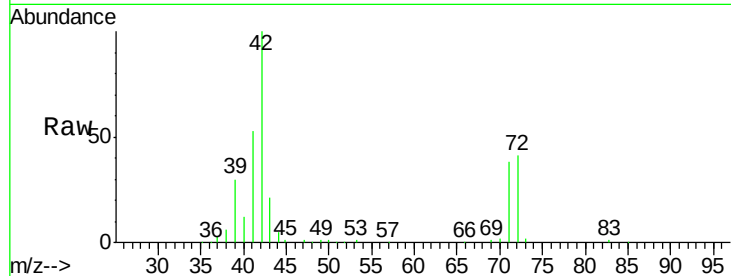




#29
Tetrahydrofuran
Concen: 97.00 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

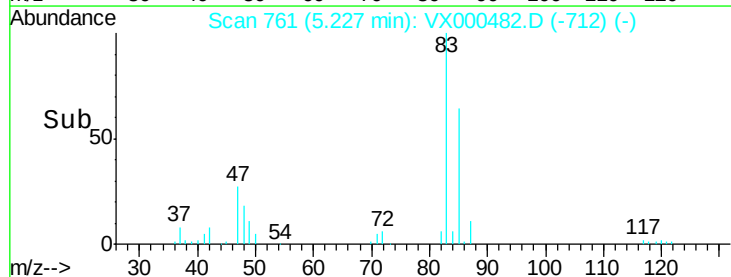
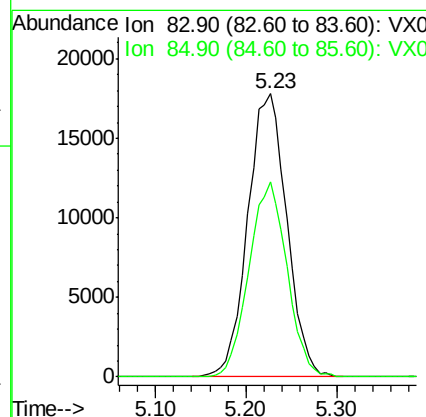
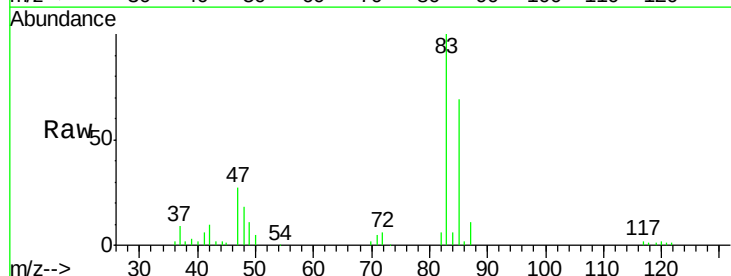
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

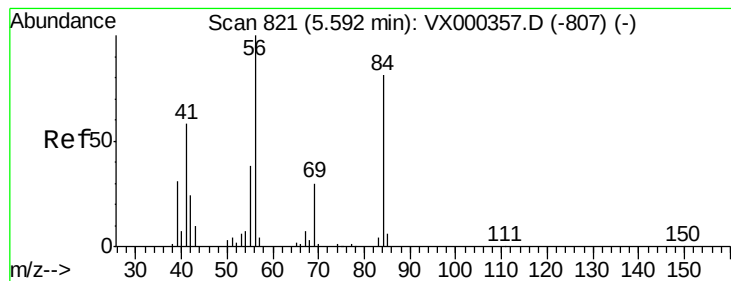
Tgt Ion: 42 Resp: 96784
Ion Ratio Lower Upper
42 100
72 46.6 37.9 56.9
71 42.8 34.4 51.6



#30
Chloroform
Concen: 19.98 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion: 83 Resp: 53011
Ion Ratio Lower Upper
83 100
85 69.0 53.3 79.9





#31

Cyclohexane

Concen: 20.28 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

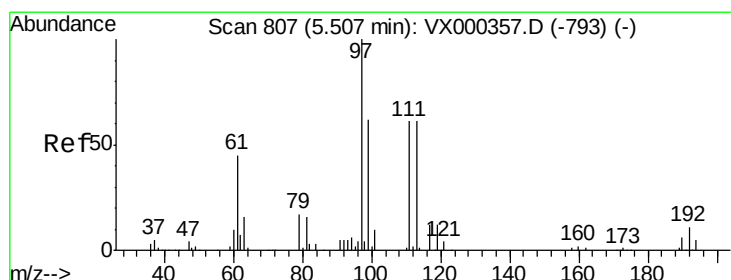
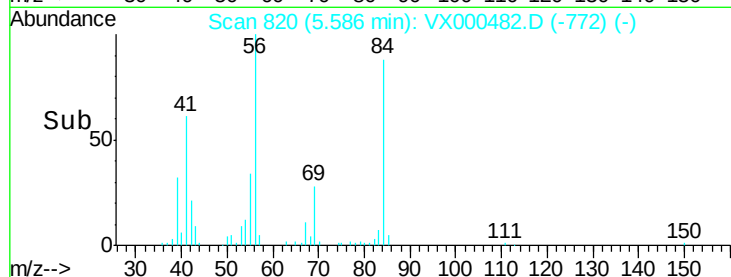
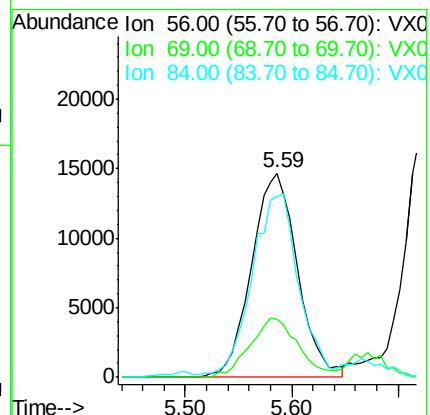
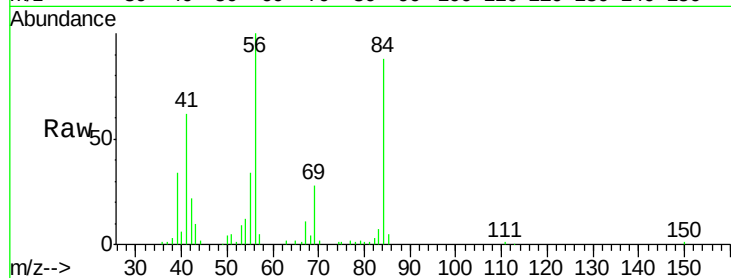
Tgt Ion: 56 Resp: 44369

Ion Ratio Lower Upper

56 100

69 28.1 23.4 35.0

84 86.8 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 19.76 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

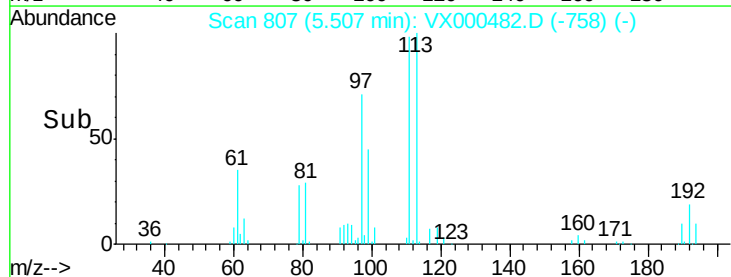
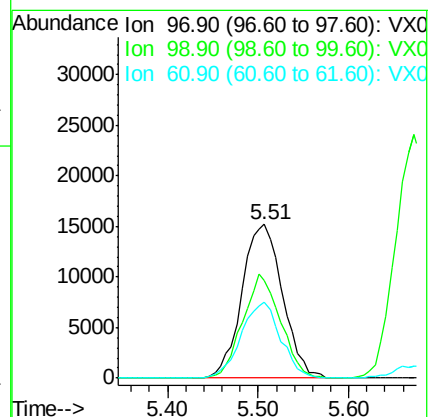
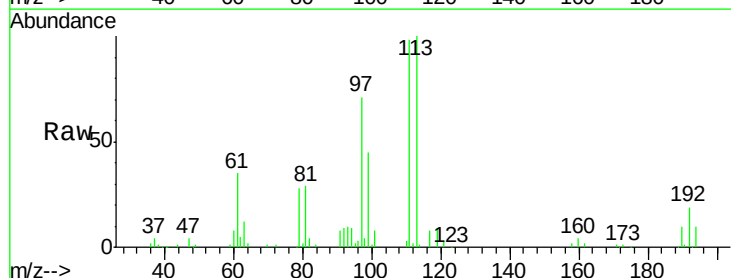
Tgt Ion: 97 Resp: 47275

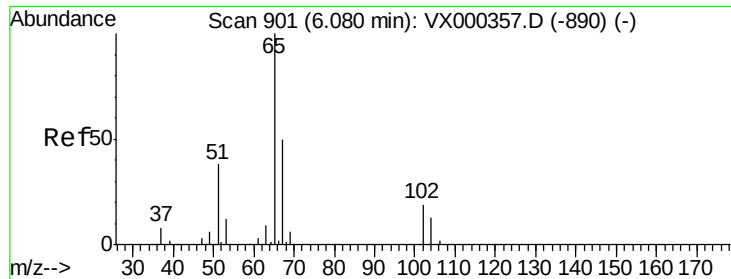
Ion Ratio Lower Upper

97 100

99 62.4 52.1 78.1

61 47.7 36.2 54.4

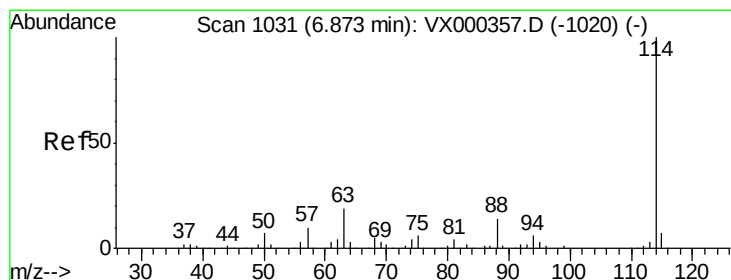
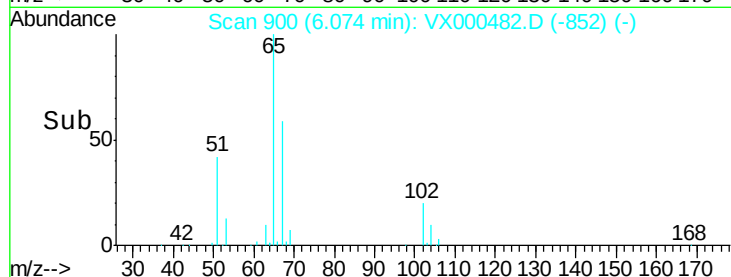
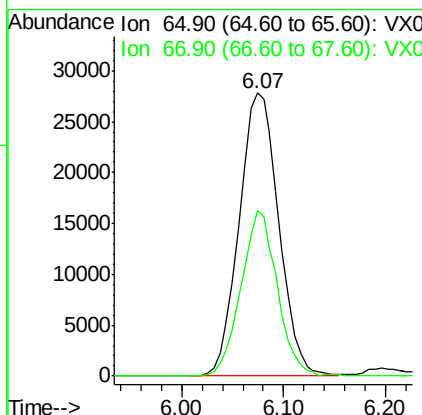
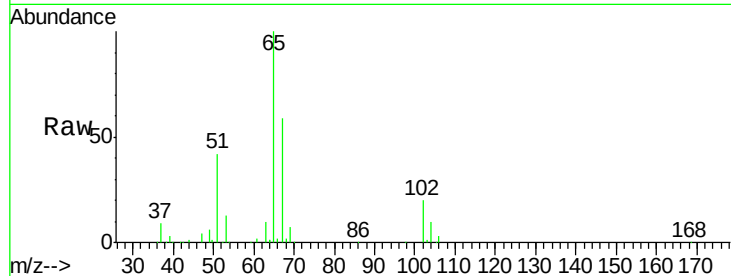




#33
 1,2-Dichloroethane-d4
 Concen: 43.30 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

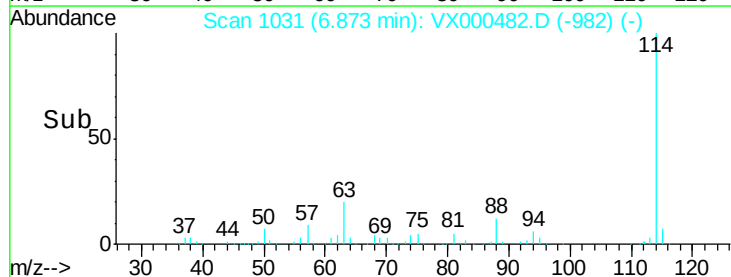
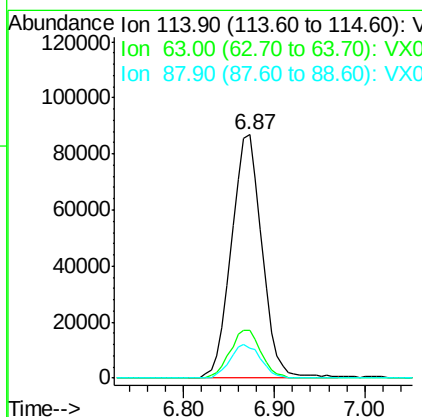
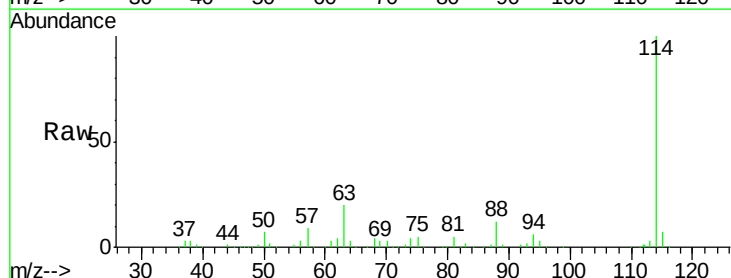
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

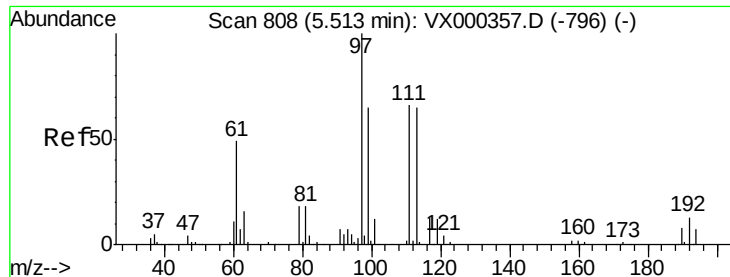
Tgt Ion: 65 Resp: 75088
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion: 114 Resp: 203681
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.4
 88 12.4 0.0 27.0

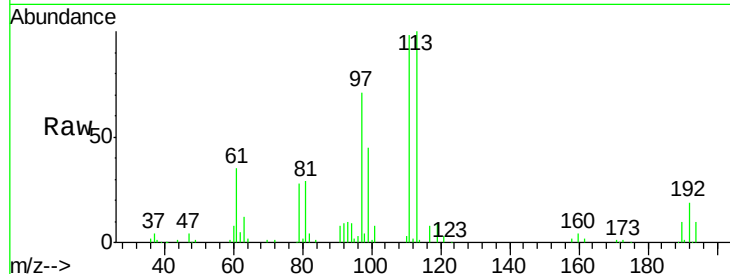




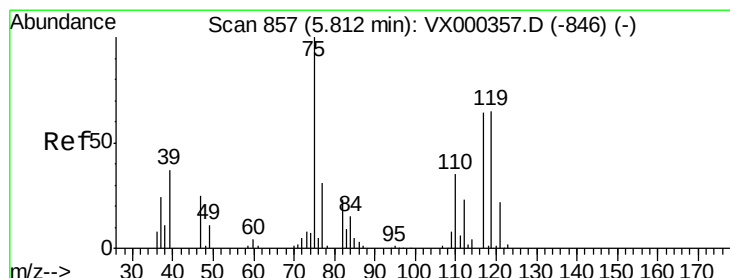
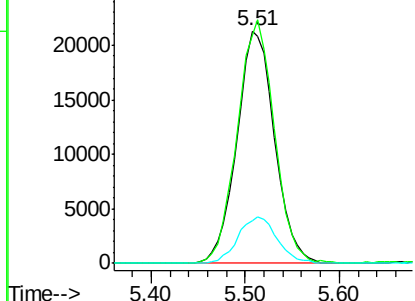
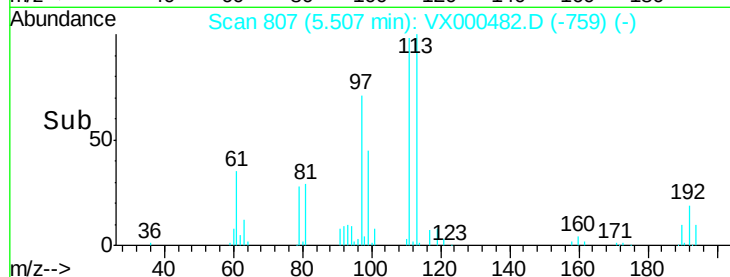
#35
 Dibromofluoromethane
 Concen: 46.56 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Tgt Ion:113 Resp: 59758
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.4 123.6
 192 20.7 15.8 23.6

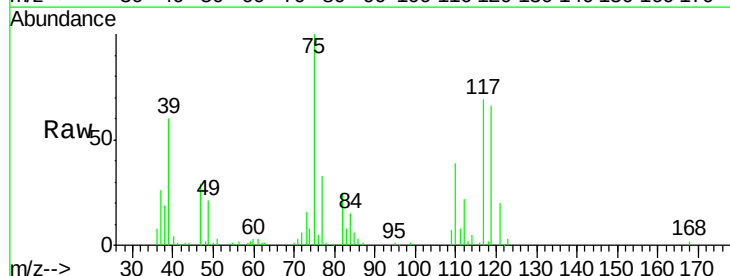


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

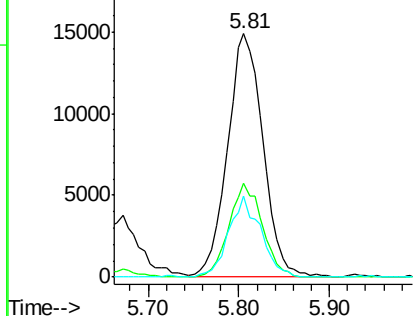
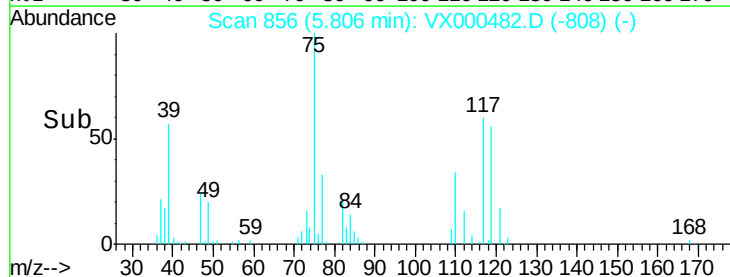


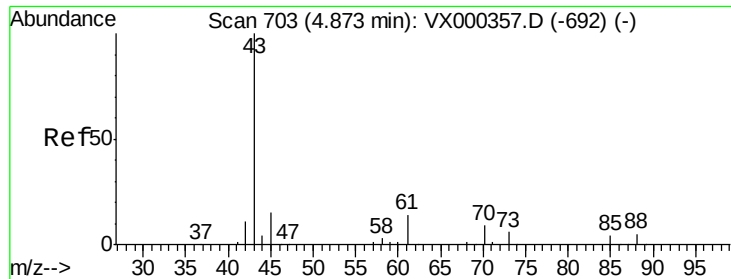
#36
 1,1-Dichloropropene
 Concen: 21.25 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion: 75 Resp: 40534
 Ion Ratio Lower Upper
 75 100
 110 36.1 17.9 53.7
 77 29.8 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

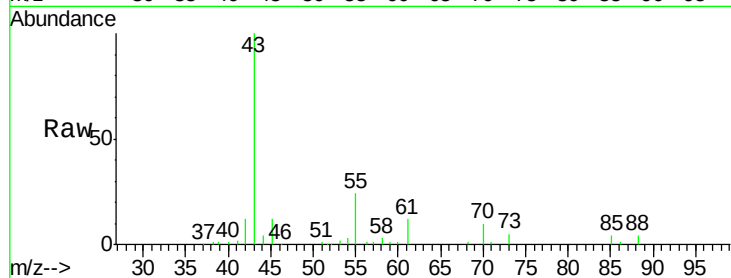




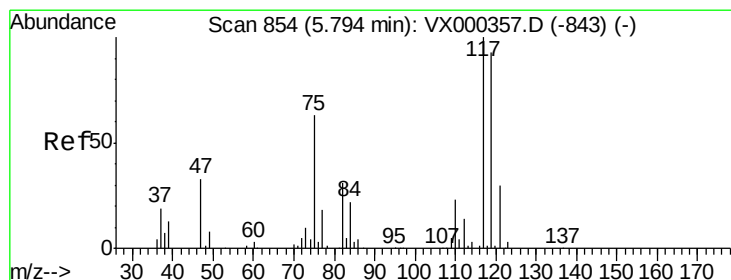
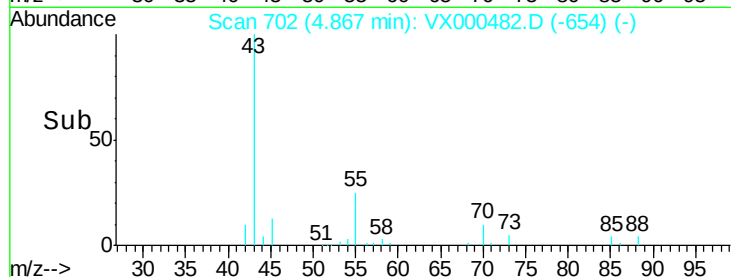
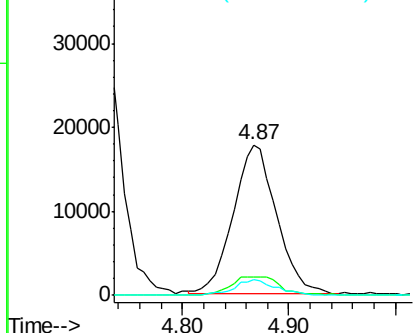
#37
Ethyl Acetate
Concen: 19.45 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tgt Ion: 43 Resp: 50685
Ion Ratio Lower Upper
43 100
61 14.3 11.1 16.7
70 10.1 7.7 11.5

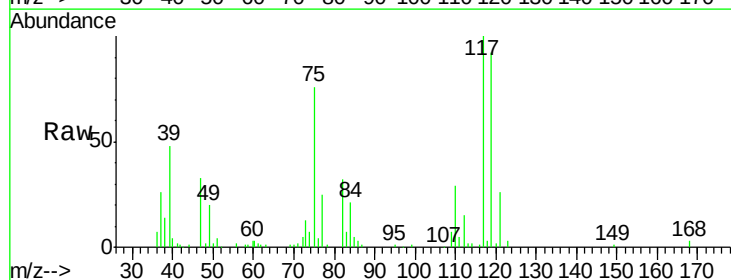


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

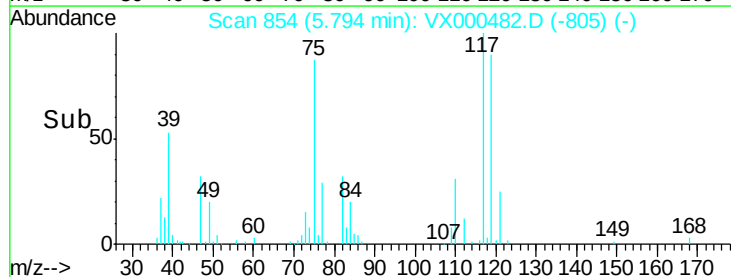
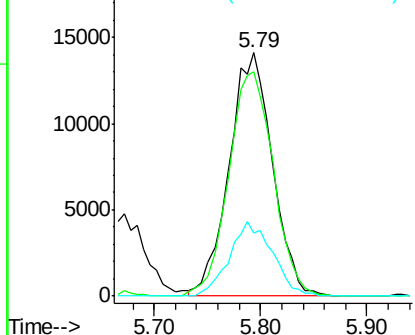


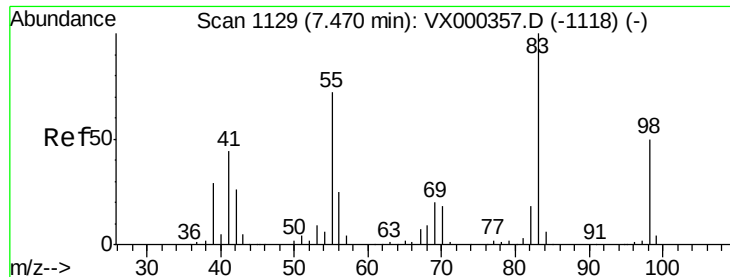
#38
Carbon Tetrachloride
Concen: 20.10 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion: 117 Resp: 40223
Ion Ratio Lower Upper
117 100
119 92.3 77.4 116.2
121 26.0 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: 22.06 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

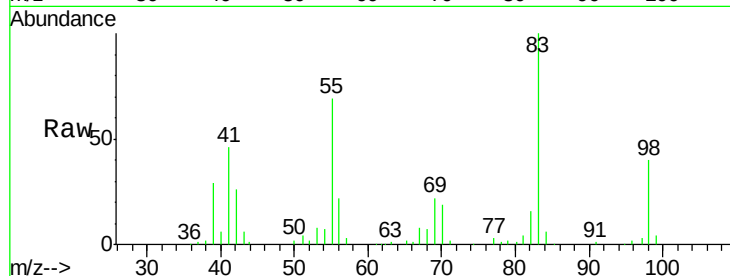
Tgt Ion: 83 Resp: 51195

Ion Ratio Lower Upper

83 100

55 68.5 55.5 83.3

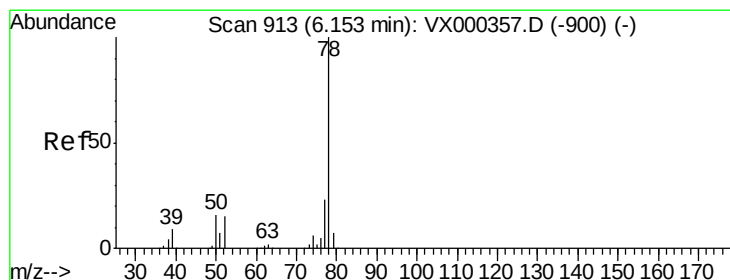
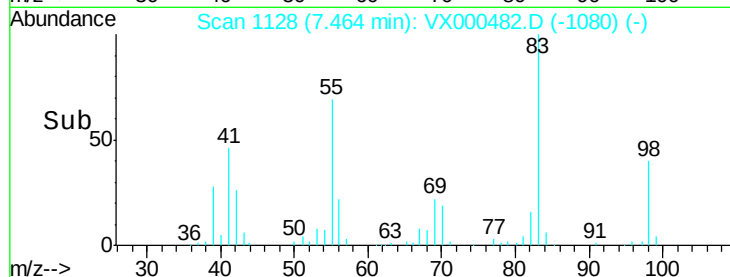
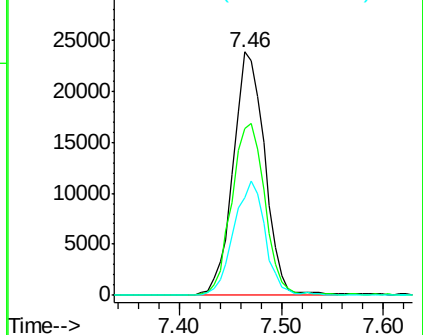
98 40.1 38.2 57.4



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: 21.36 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX000482.D

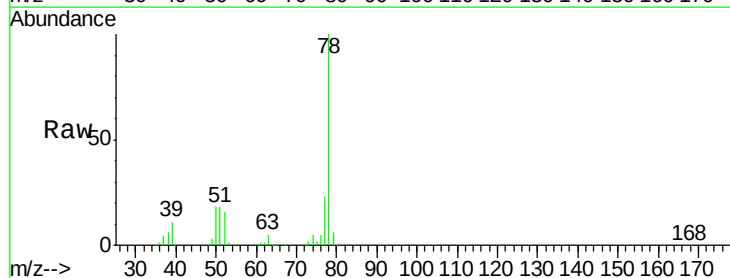
Acq: 28 Mar 2018 12:13

Tgt Ion: 78 Resp: 118372

Ion Ratio Lower Upper

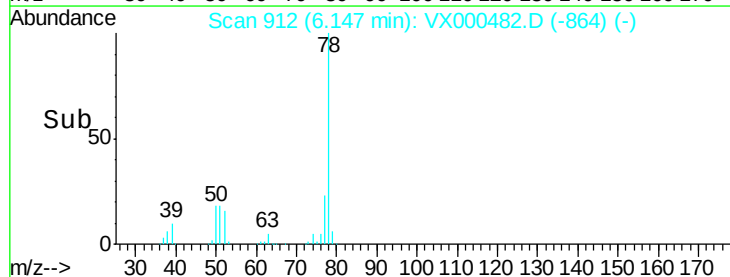
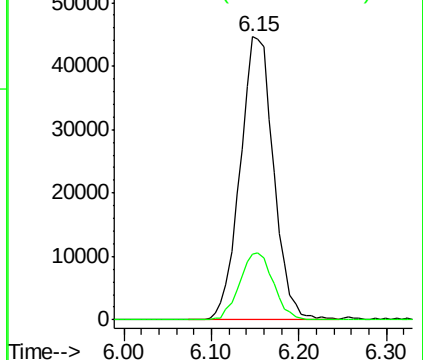
78 100

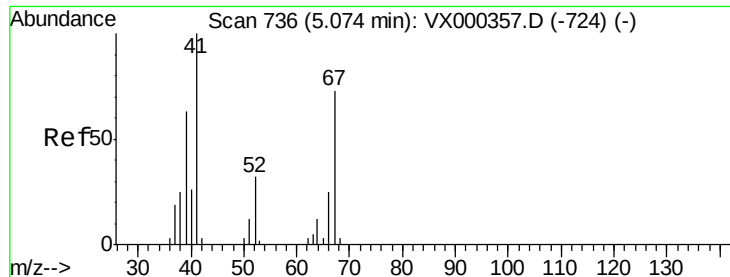
77 23.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

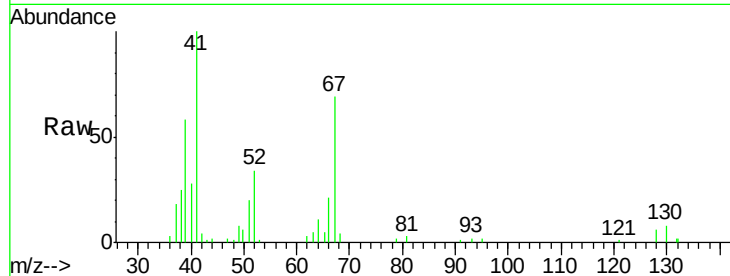




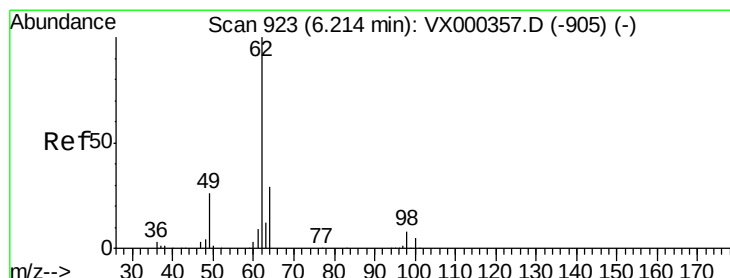
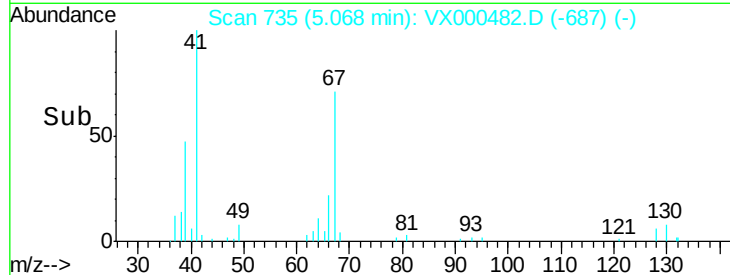
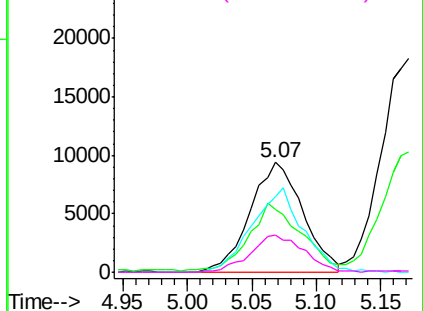
#41
Methacrylonitrile
Concen: 19.42 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VX0328WBS01

Tgt Ion:	41	Resp:	26684
Ion	Ratio	Lower	Upper
41	100		
39	59.8	45.7	68.5
67	74.6	57.8	86.8
52	34.5	26.7	40.1

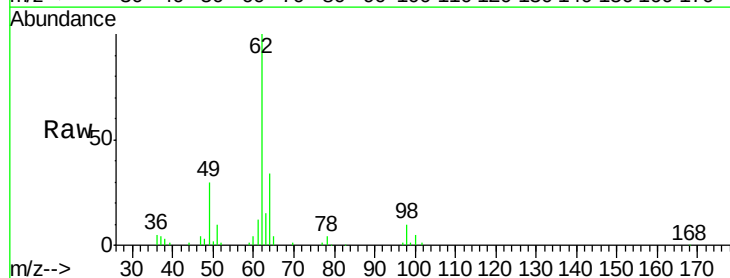


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

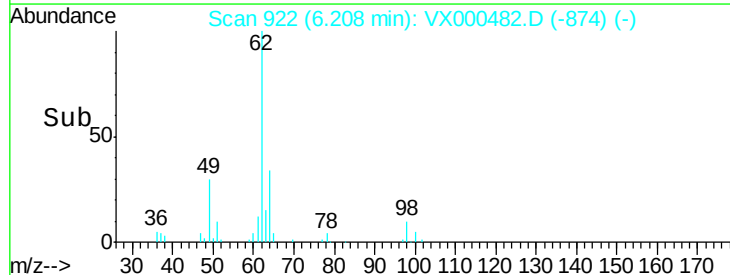
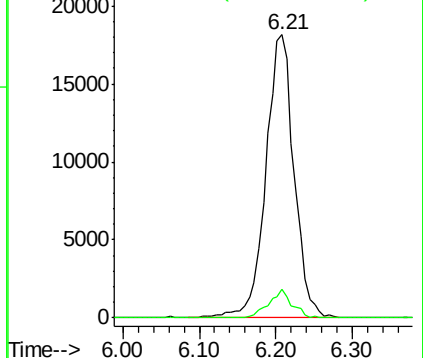


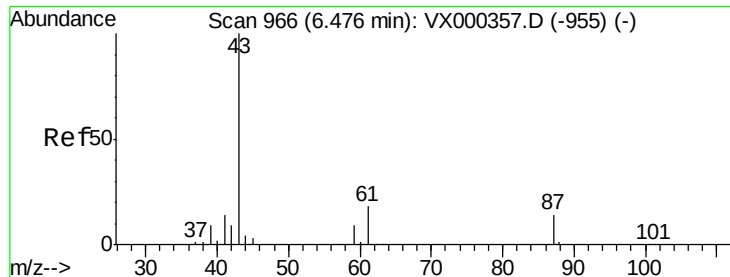
#42
1,2-Dichloroethane
Concen: 21.42 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion:	62	Resp:	46571
Ion	Ratio	Lower	Upper
62	100		
98	8.4	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: 20.18 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

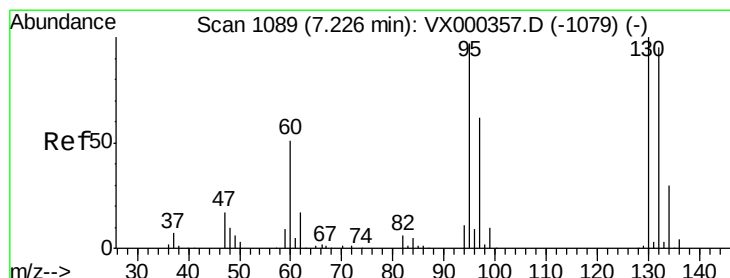
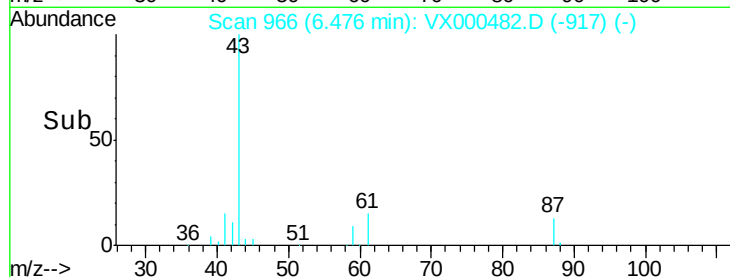
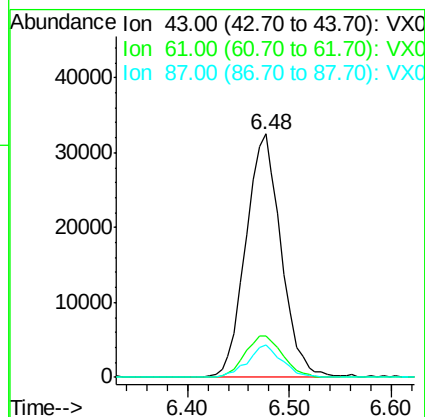
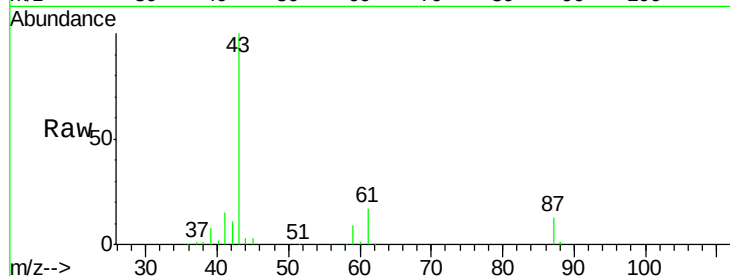
Tgt Ion: 43 Resp: 78303

Ion Ratio Lower Upper

43 100

61 18.1 14.4 21.6

87 12.8 11.0 16.4



#44

Trichloroethene

Concen: 20.88 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000482.D

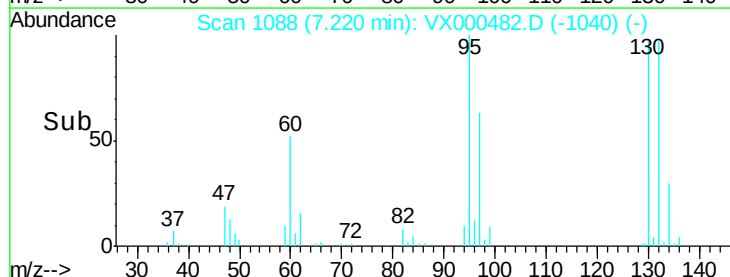
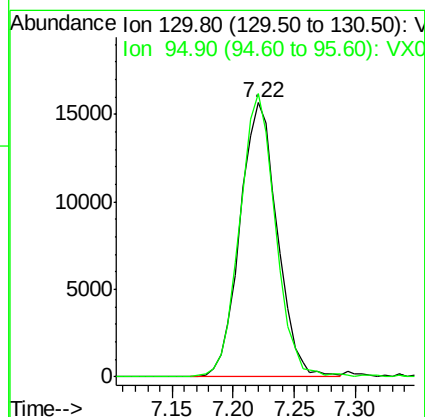
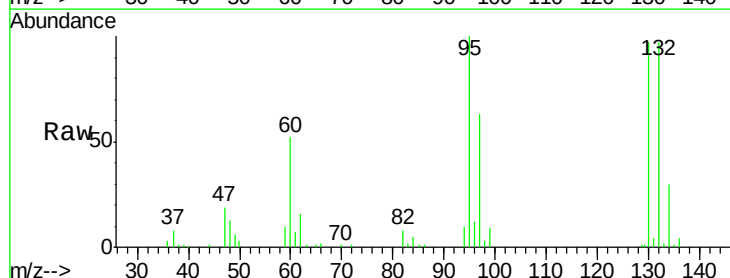
Acq: 28 Mar 2018 12:13

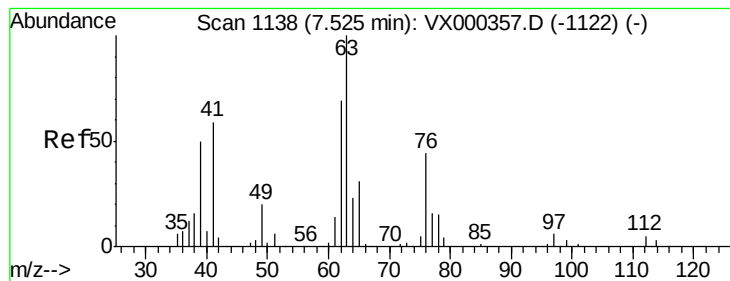
Tgt Ion: 130 Resp: 33147

Ion Ratio Lower Upper

130 100

95 103.3 0.0 186.0





#45

1,2-Dichloropropane

Concen: 21.95 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

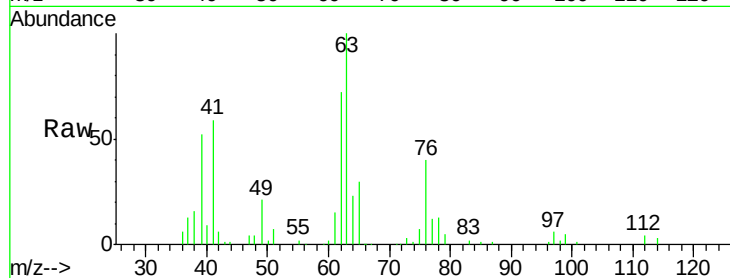
VX0328WBS01

Tgt Ion: 63 Resp: 31128

Ion Ratio Lower Upper

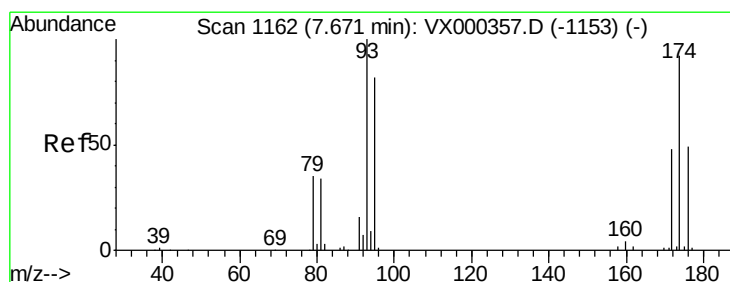
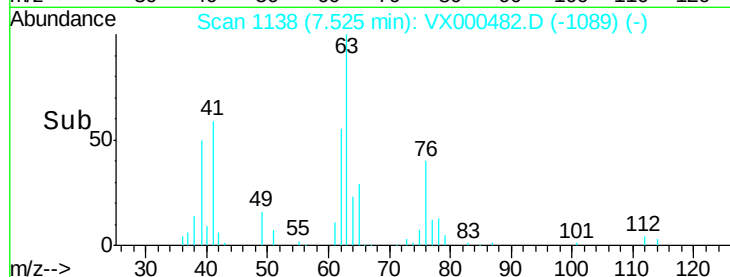
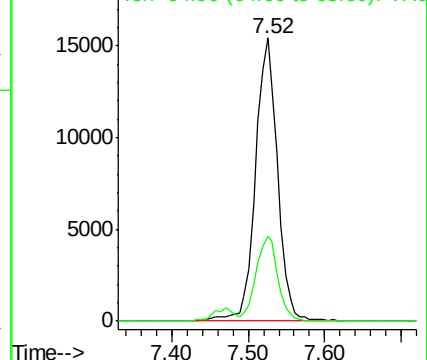
63 100

65 29.9 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.85 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

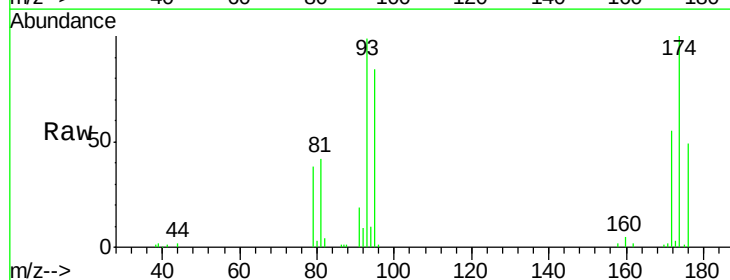
Tgt Ion: 93 Resp: 23210

Ion Ratio Lower Upper

93 100

95 83.1 66.5 99.7

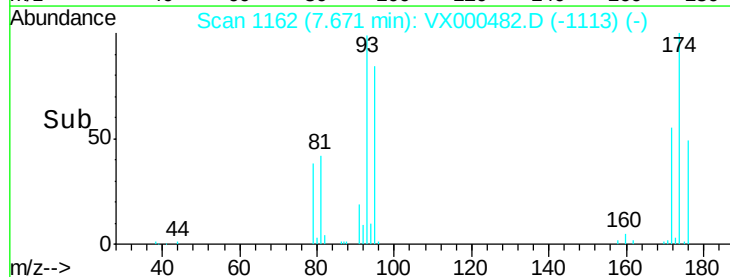
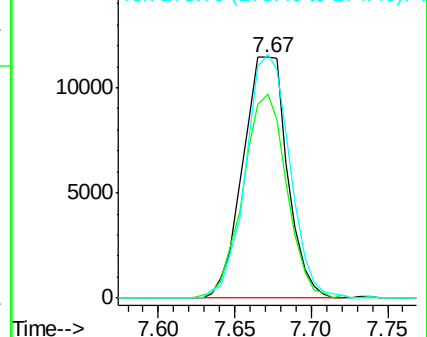
174 100.1 76.0 114.0

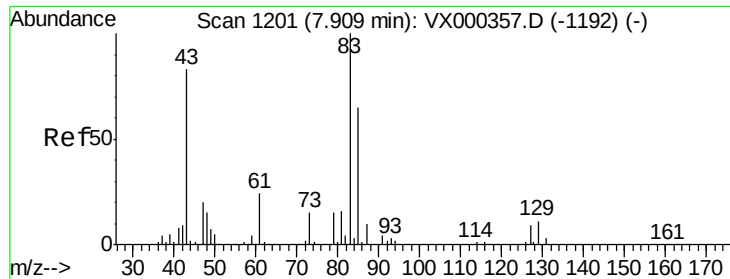


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.19 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

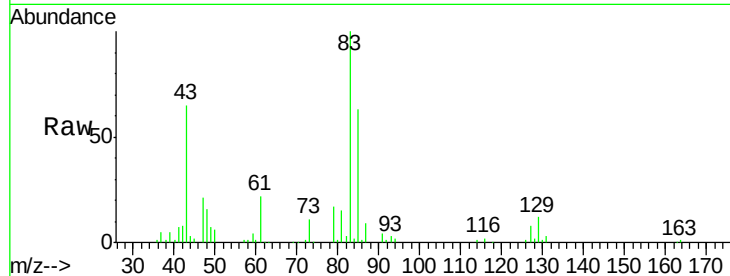
Tgt Ion: 83 Resp: 41505

Ion Ratio Lower Upper

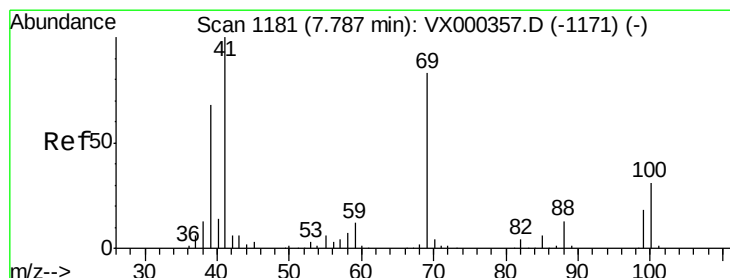
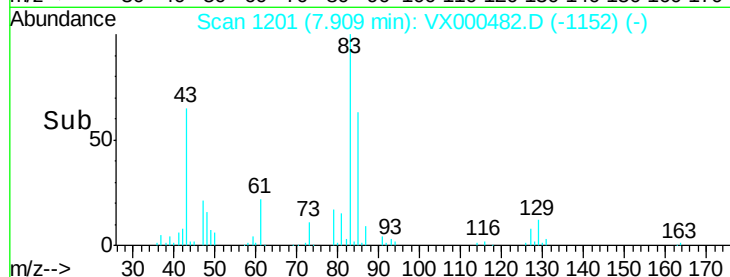
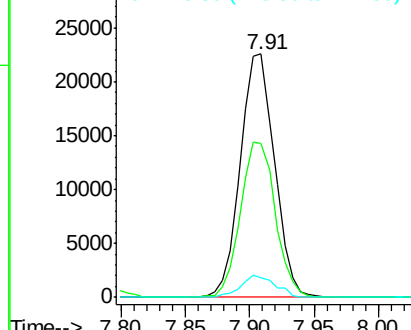
83 100

85 63.0 51.4 77.0

127 7.8 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: 20.74 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

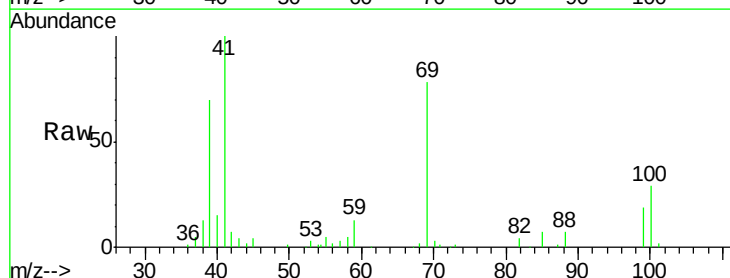
Tgt Ion: 41 Resp: 39068

Ion Ratio Lower Upper

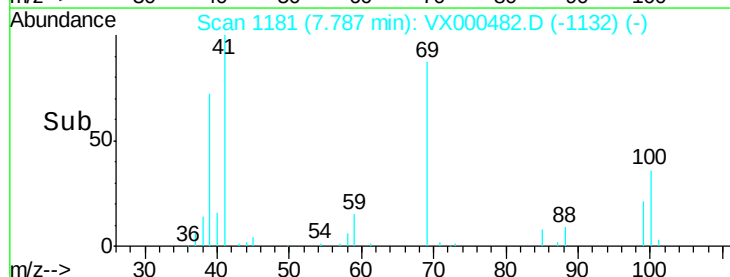
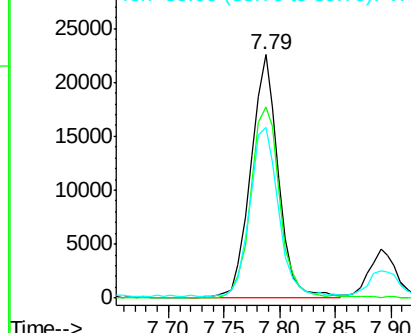
41 100

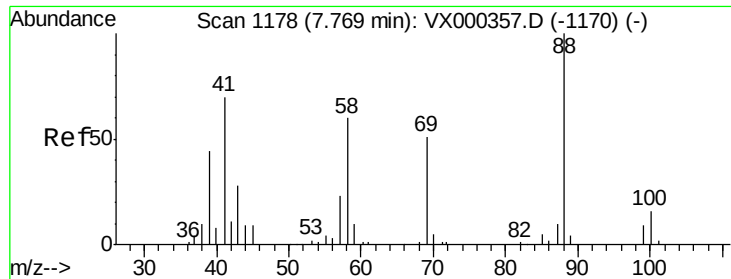
69 82.8 68.2 102.4

39 72.4 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

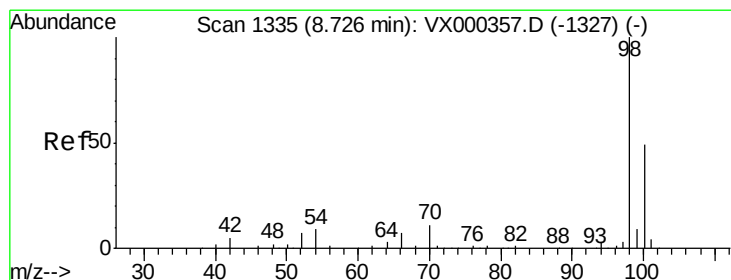
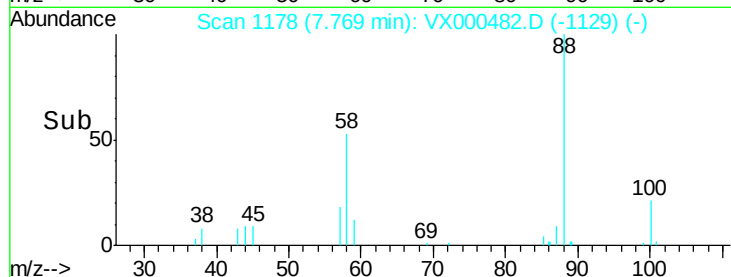
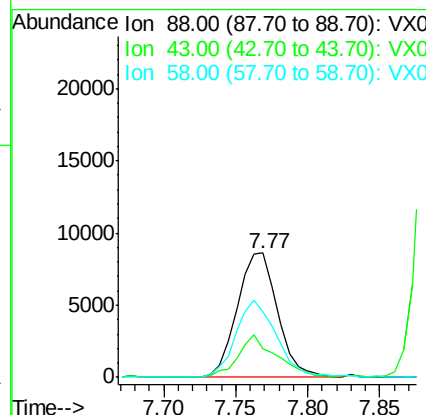
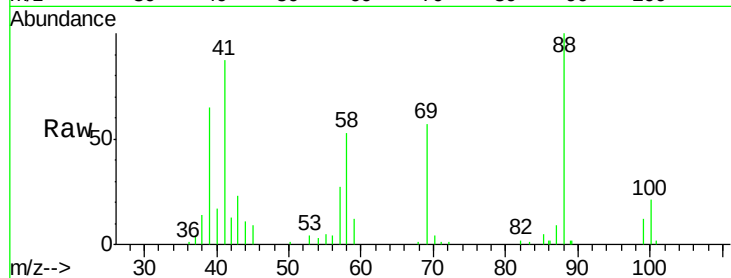




#49
1,4-Dioxane
Concen: 426.21 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

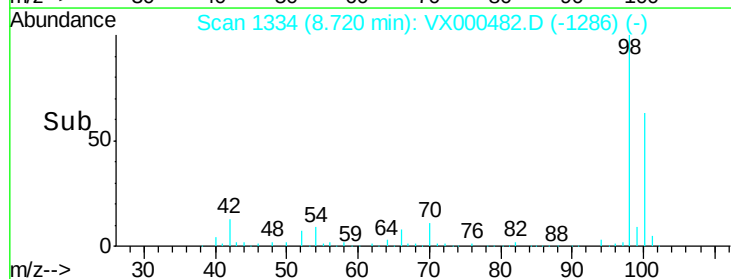
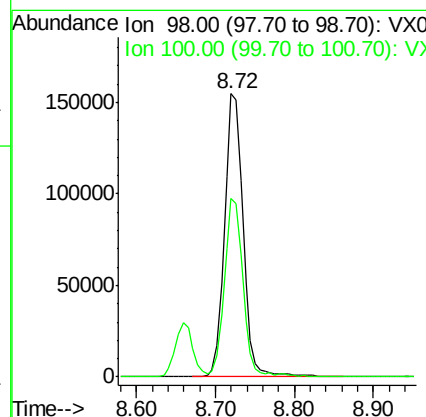
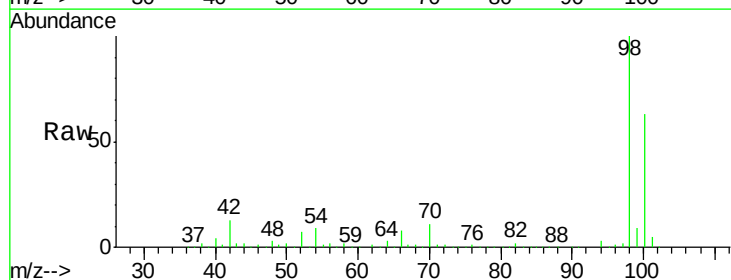
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

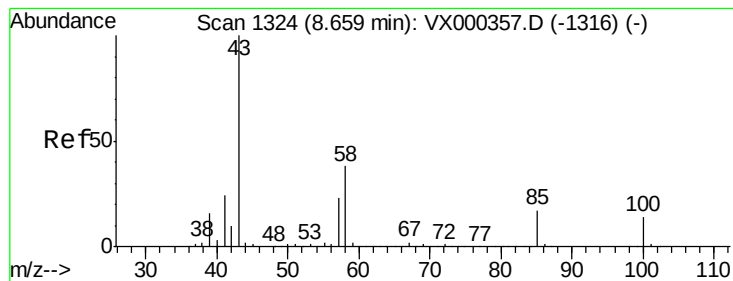
Tgt Ion: 88 Resp: 16873
Ion Ratio Lower Upper
88 100
43 32.6 26.8 40.2
58 62.4 52.2 78.2



#50
Toluene-d8
Concen: 47.70 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion: 98 Resp: 253561
Ion Ratio Lower Upper
98 100
100 62.8 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 105.94 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

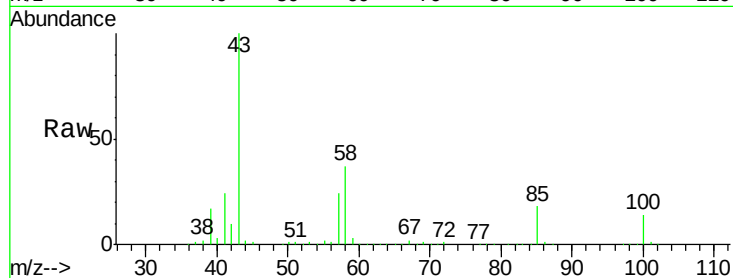
VX0328WBS01

Tgt Ion: 43 Resp: 318112

Ion Ratio Lower Upper

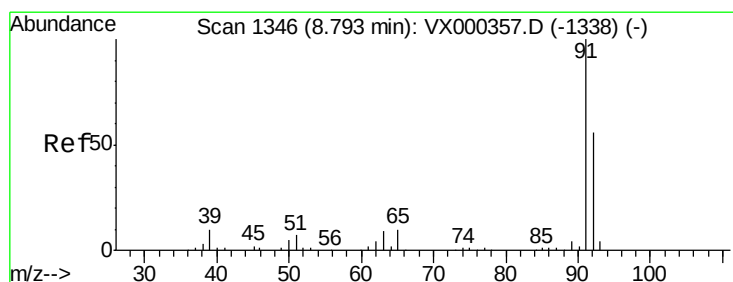
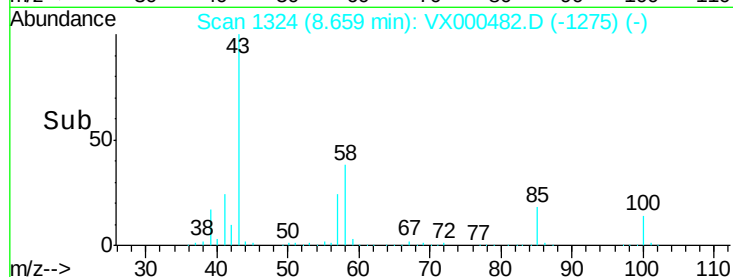
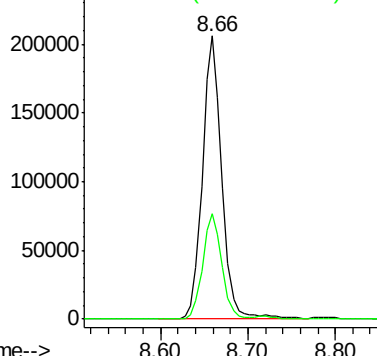
43 100

58 36.8 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: 21.47 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000482.D

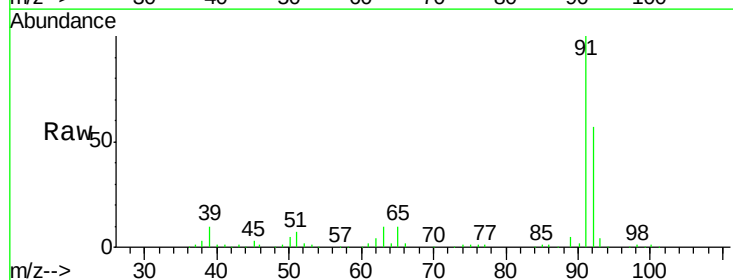
Acq: 28 Mar 2018 12:13

Tgt Ion: 92 Resp: 83161

Ion Ratio Lower Upper

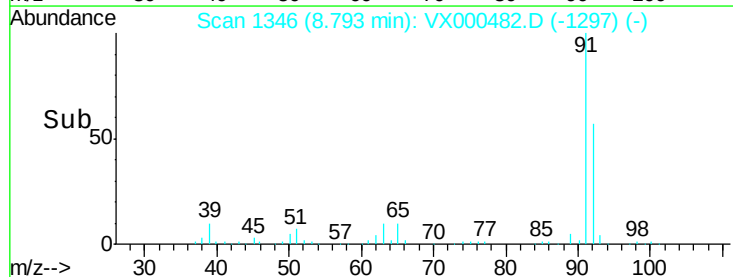
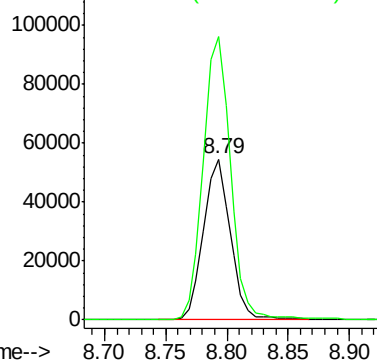
92 100

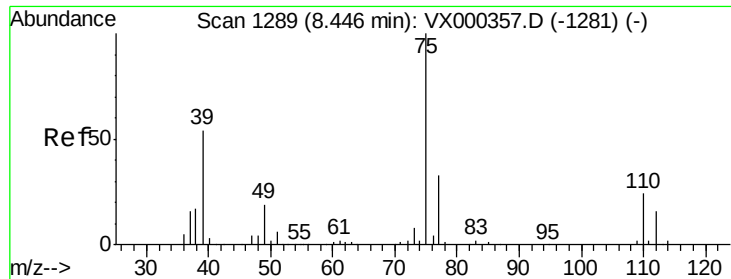
91 181.0 140.2 210.2



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: 20.88 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

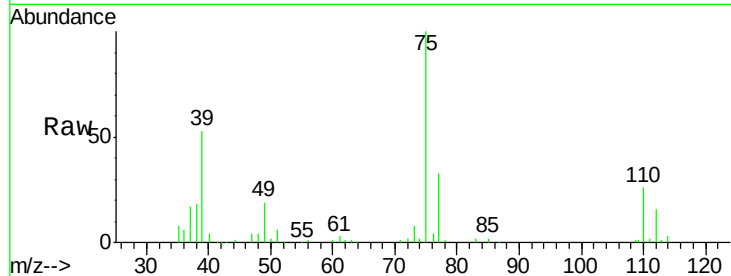
VX0328WBS01

Tgt Ion: 75 Resp: 47381

Ion Ratio Lower Upper

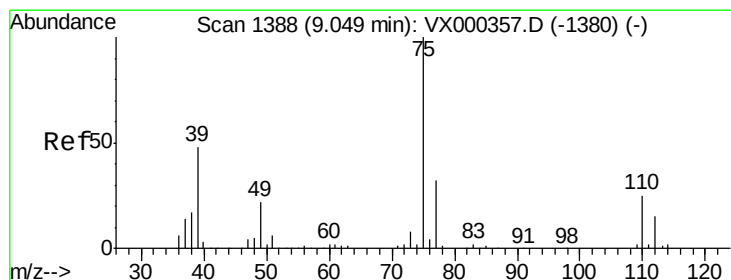
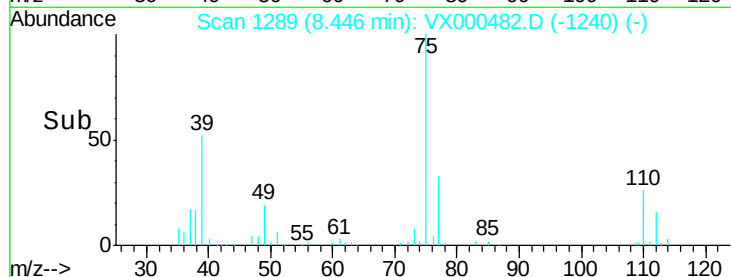
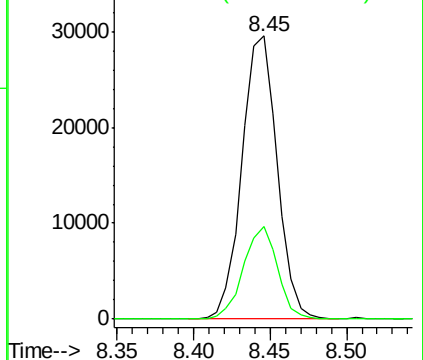
75 100

77 32.6 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: 22.53 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

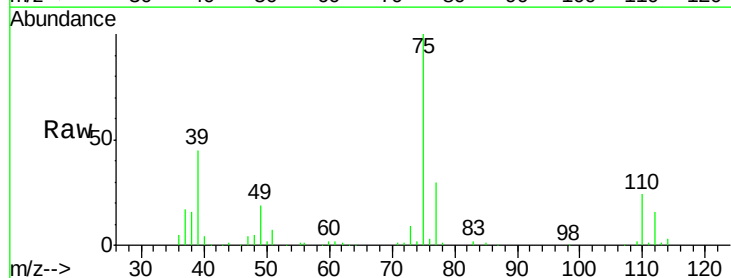
Tgt Ion: 75 Resp: 49607

Ion Ratio Lower Upper

75 100

77 29.7 26.1 39.1

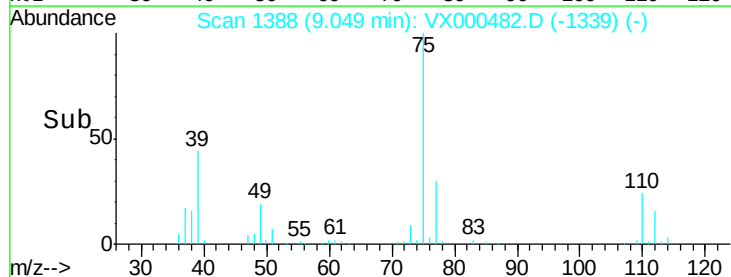
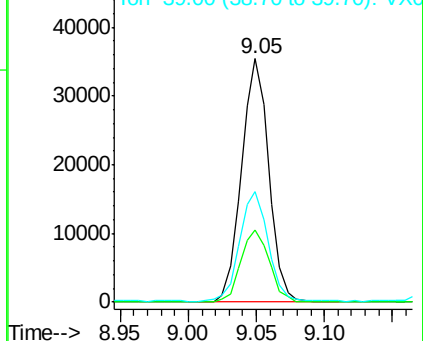
39 45.0 39.8 59.6

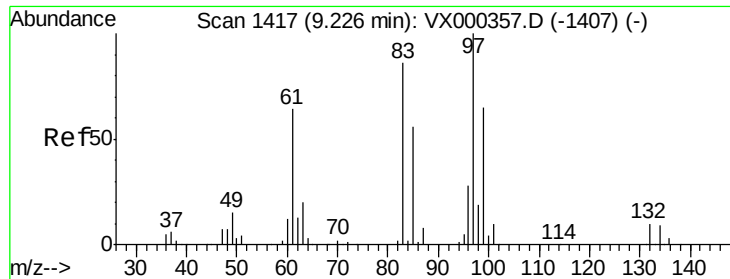


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

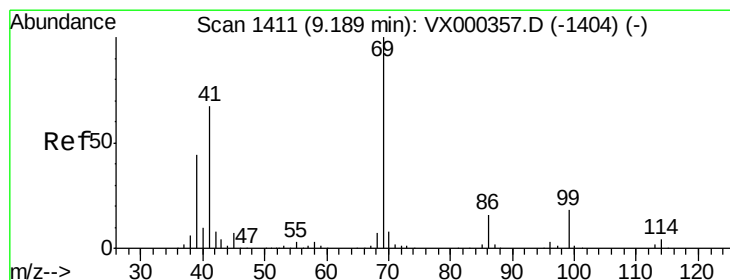
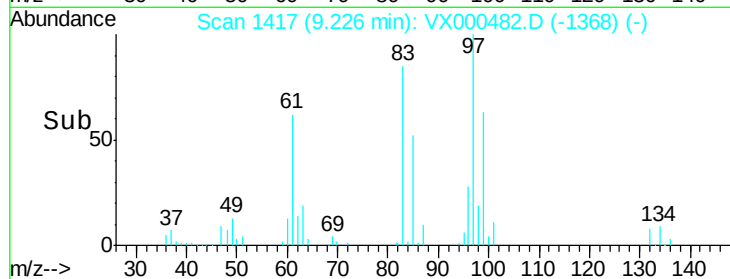
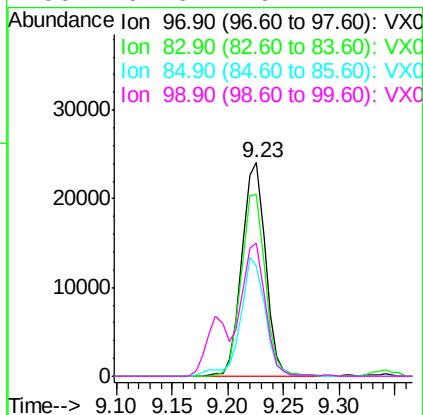
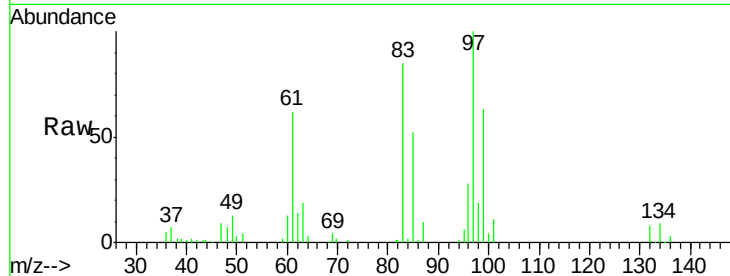




#55
 1,1,2-Trichloroethane
 Concen: 22.44 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

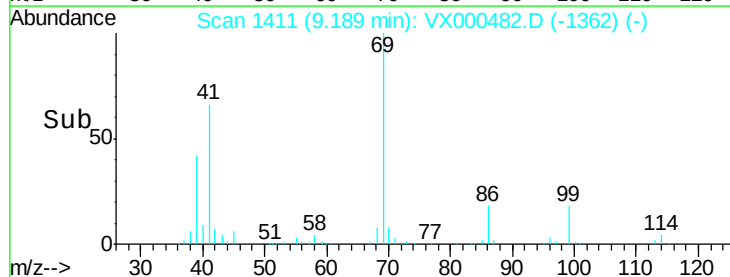
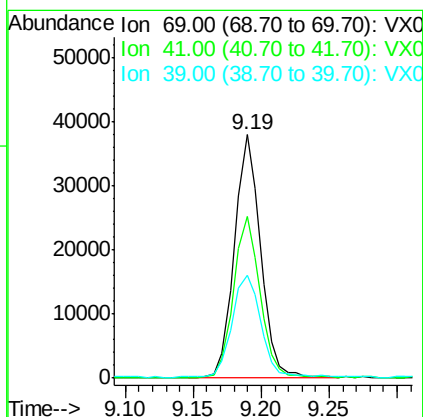
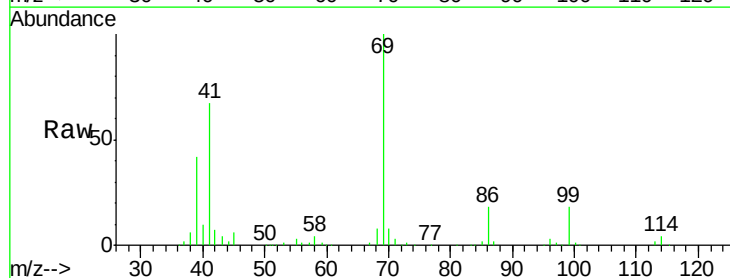
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

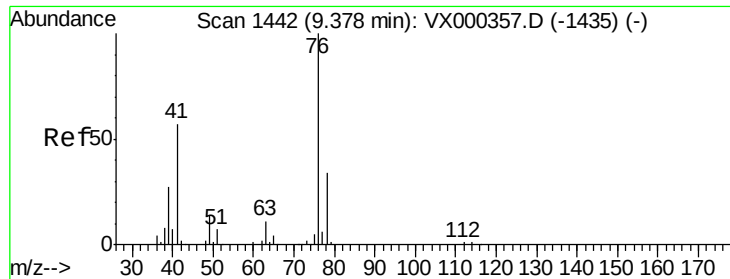
Tgt Ion:	97	Resp:	35750
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.9	101.9
85	51.7	42.8	64.2
99	62.6	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 21.15 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion:	69	Resp:	51059
Ion	Ratio	Lower	Upper
69	100		
41	67.8	53.0	79.6
39	46.3	35.3	52.9

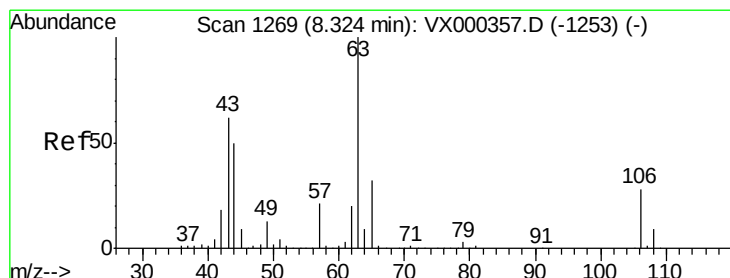
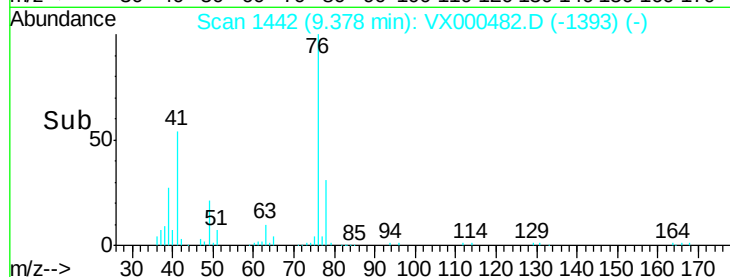
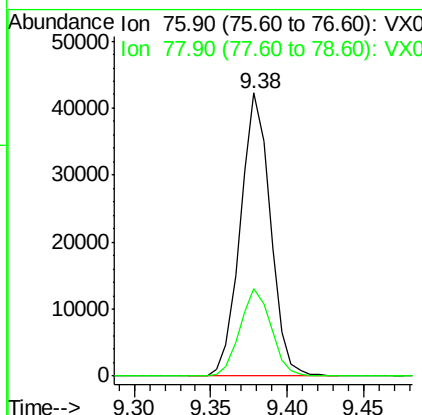
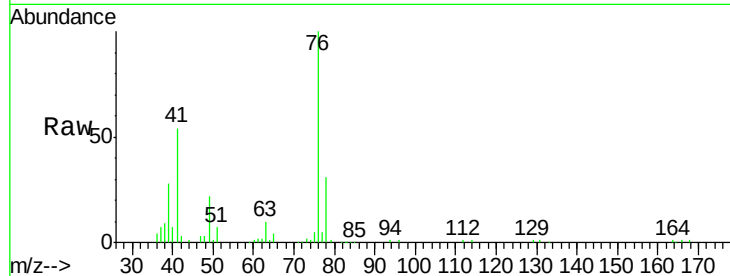




#57
 1,3-Dichloropropane
 Concen: 22.62 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

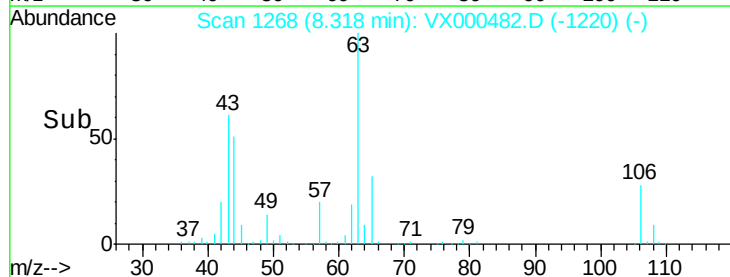
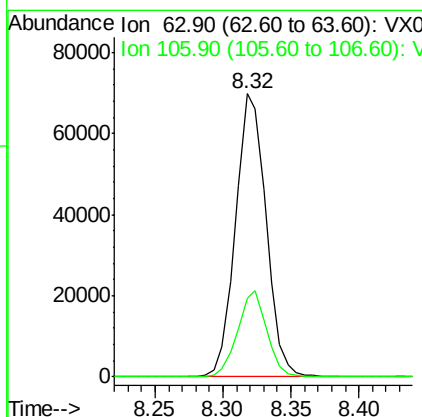
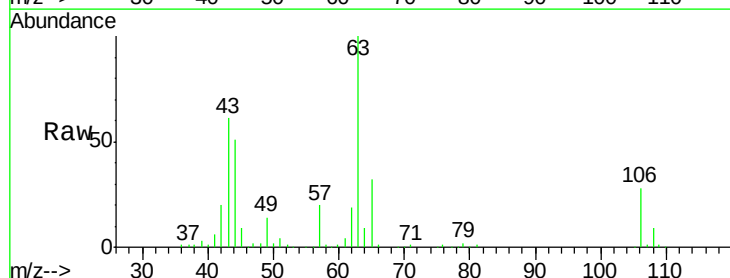
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

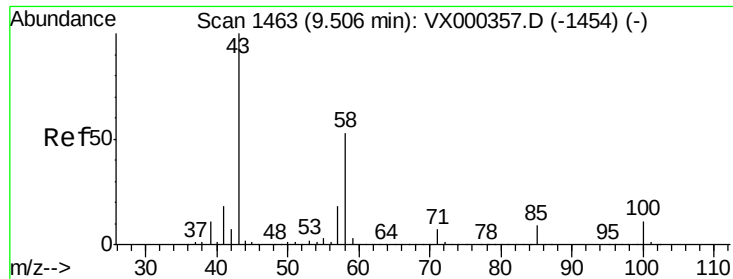
Tgt Ion: 76 Resp: 57619
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.41 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion: 63 Resp: 109371
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.2 34.8

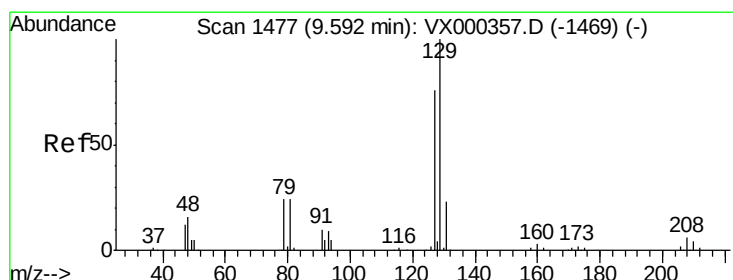
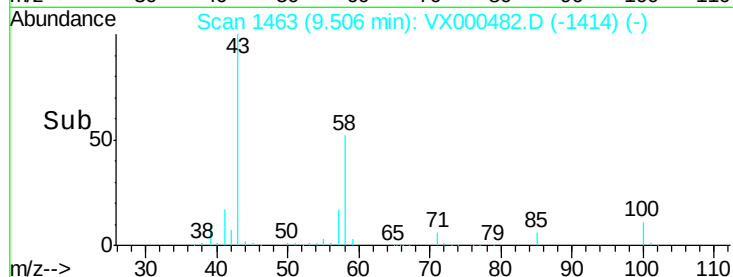
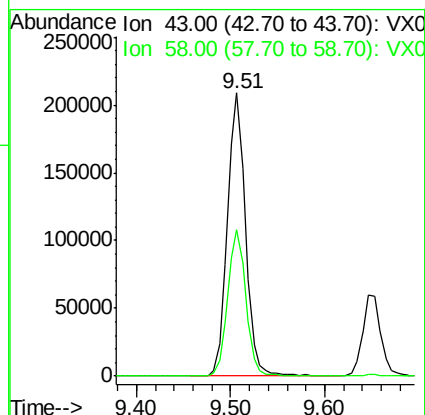
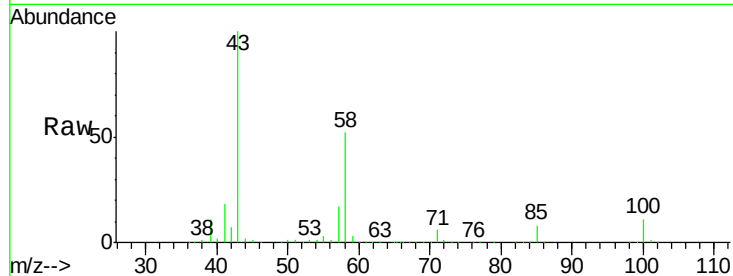




#59
2-Hexanone
Concen: 109.60 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

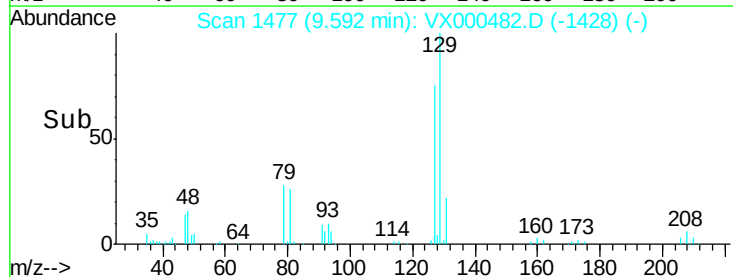
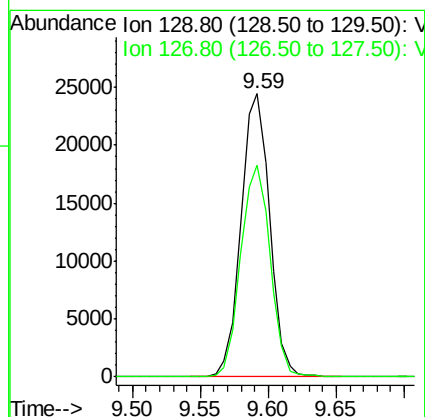
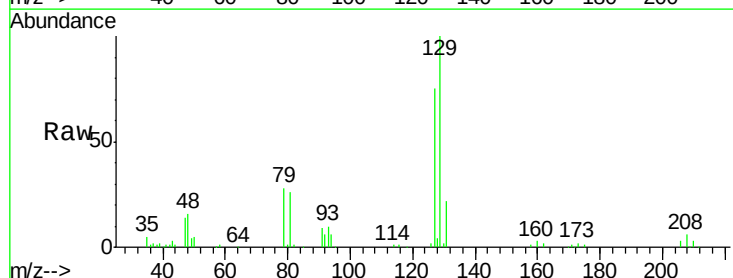
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

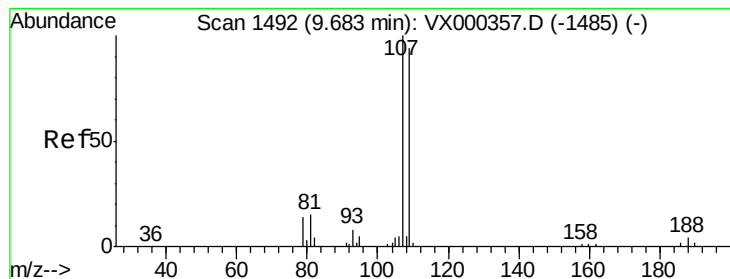
Tgt Ion: 43 Resp: 279437
Ion Ratio Lower Upper
43 100
58 51.9 26.6 79.7



#60
Dibromochloromethane
Concen: 21.66 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion: 129 Resp: 36031
Ion Ratio Lower Upper
129 100
127 76.6 37.9 113.6





#61

1,2-Dibromoethane

Concen: 22.51 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

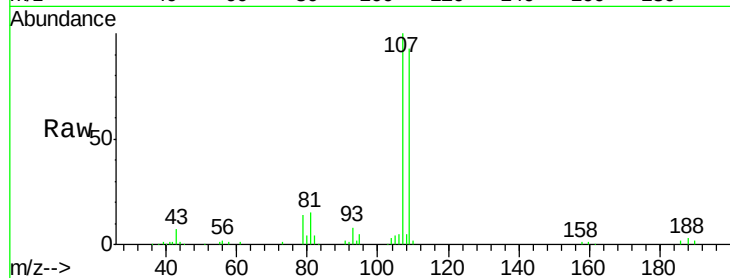
VX0328WBS01

Tgt Ion: 107 Resp: 38456

Ion Ratio Lower Upper

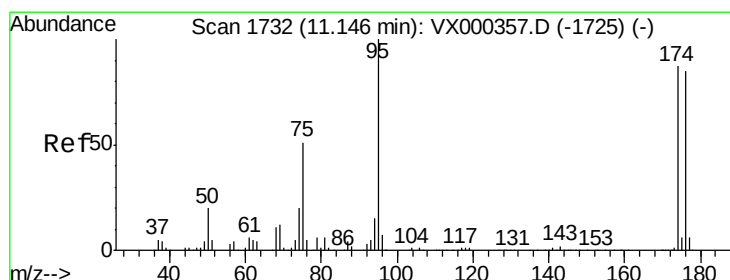
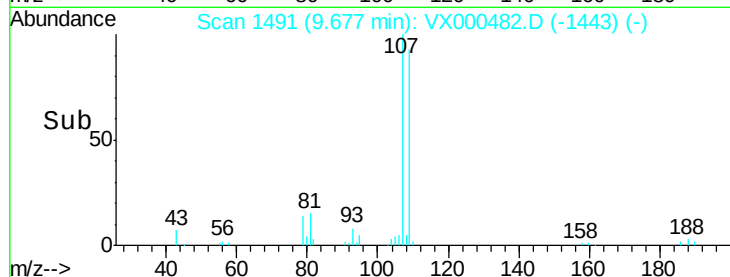
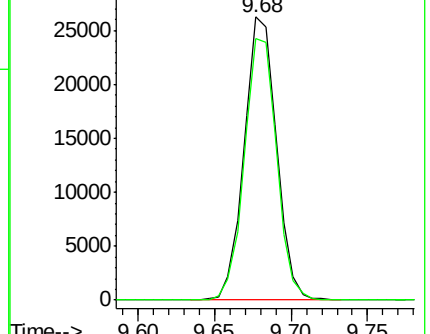
107 100

109 92.7 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: 44.50 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

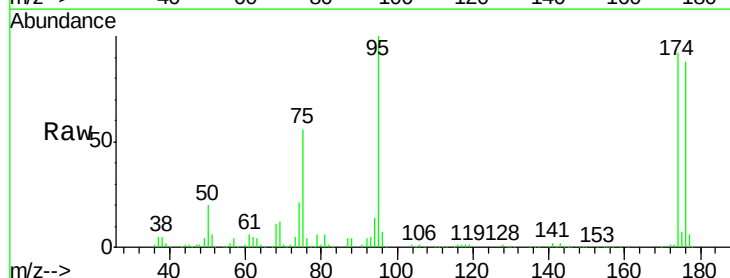
Tgt Ion: 95 Resp: 98203

Ion Ratio Lower Upper

95 100

174 89.7 0.0 173.6

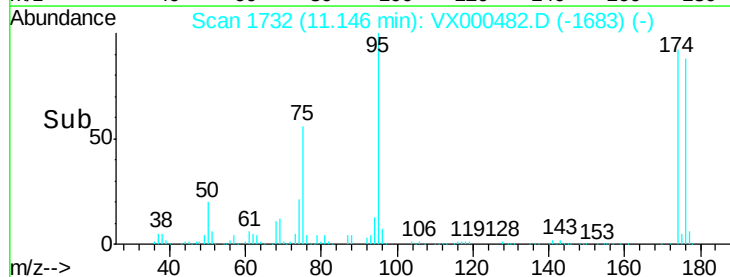
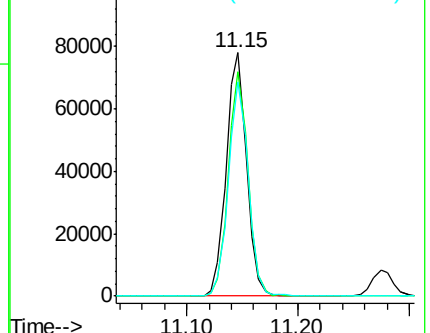
176 86.4 0.0 164.6

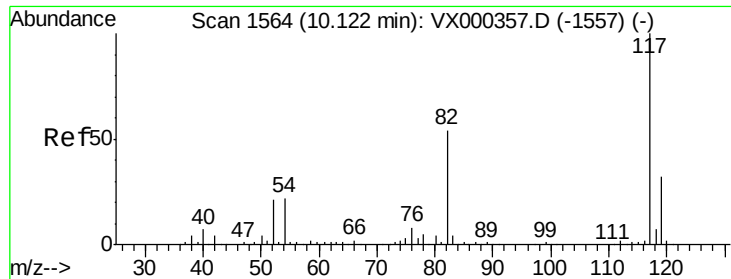


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

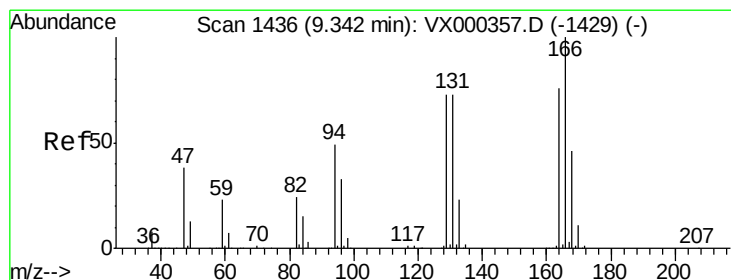
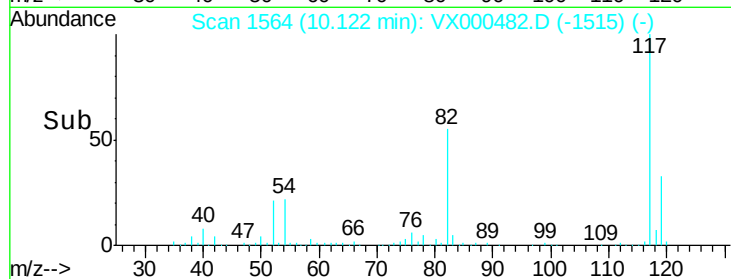
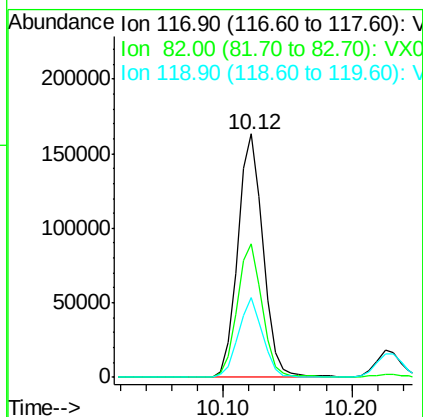
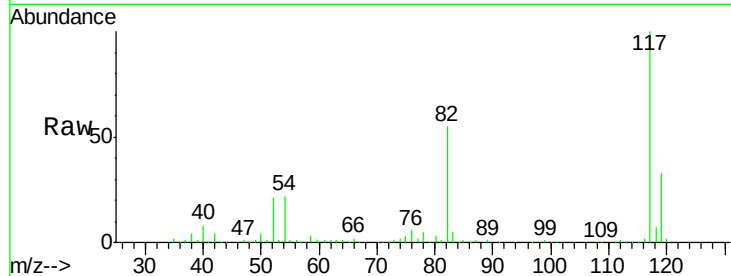




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

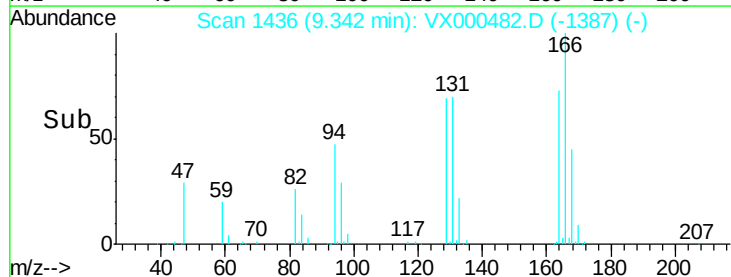
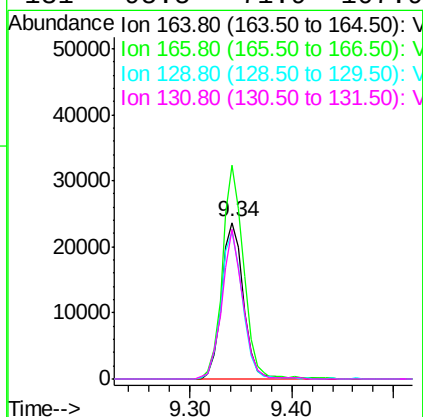
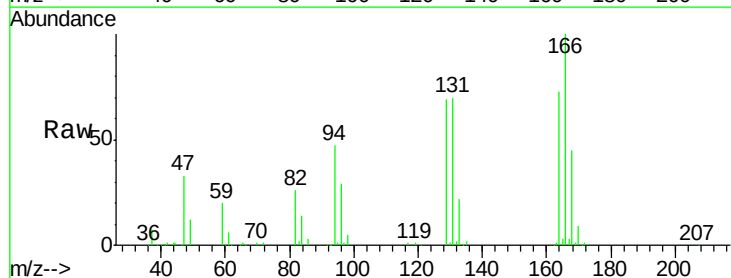
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

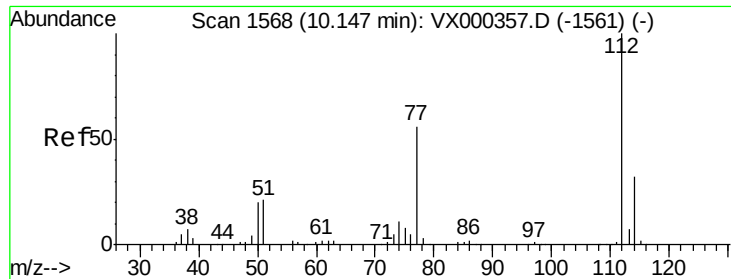
Tgt Ion:117 Resp: 222186
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 32.7 24.9 37.3



#64
Tetrachloroethene
Concen: 20.38 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion:164 Resp: 35147
Ion Ratio Lower Upper
164 100
166 136.7 101.0 151.6
129 94.1 79.0 118.4
131 95.5 71.9 107.9

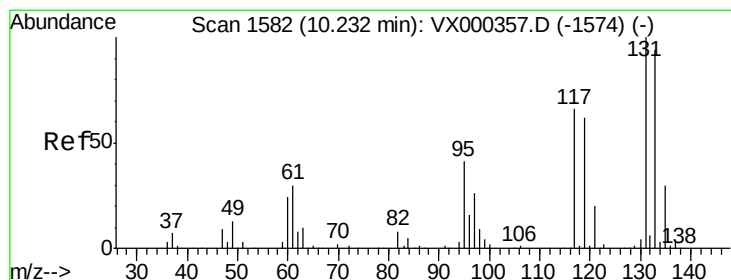
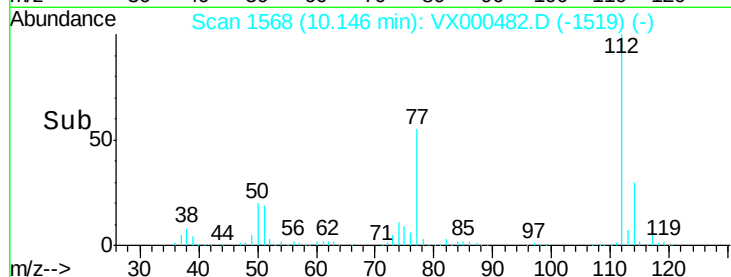
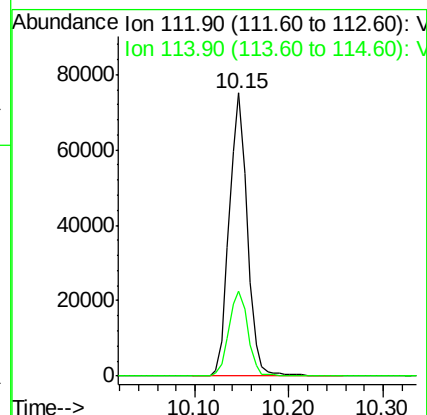
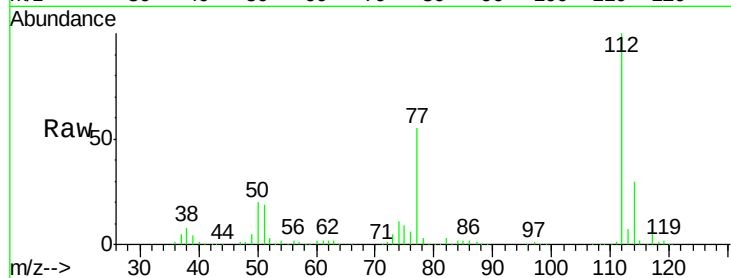




#65
Chlorobenzene
Concen: 20.41 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

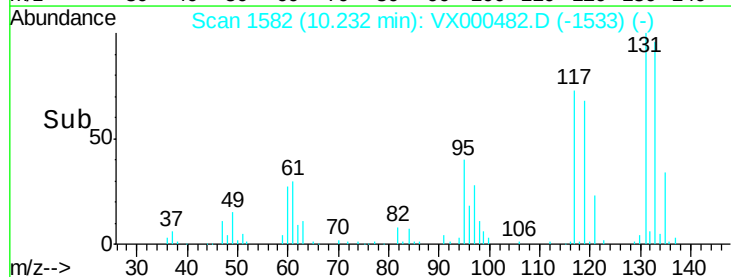
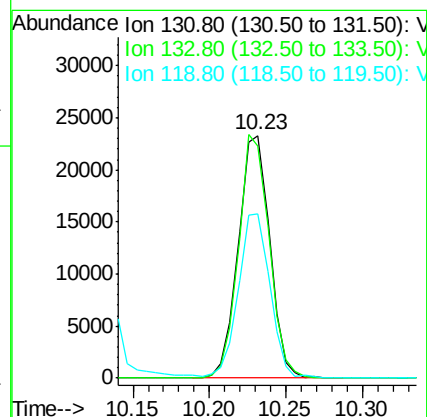
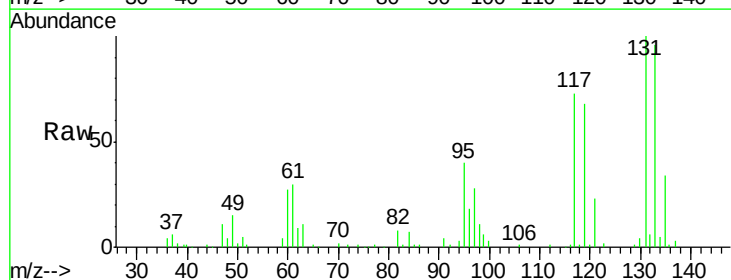
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

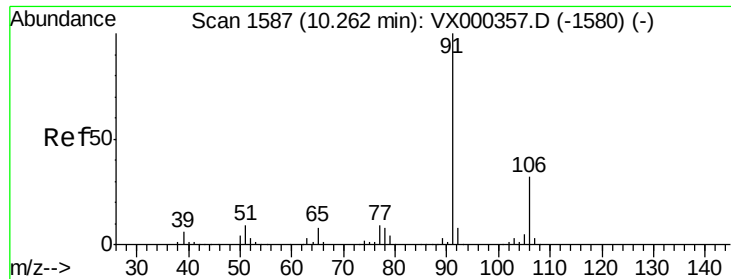
Tgt Ion:112 Resp: 100915
Ion Ratio Lower Upper
112 100
114 29.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.77 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion:131 Resp: 33195
Ion Ratio Lower Upper
131 100
133 97.7 47.1 141.3
119 68.5 33.1 99.2





#67

Ethyl Benzene

Concen: 20.66 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

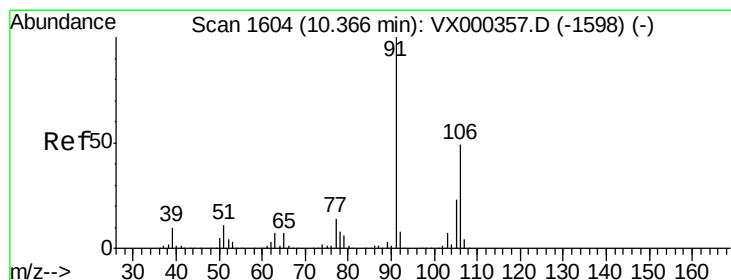
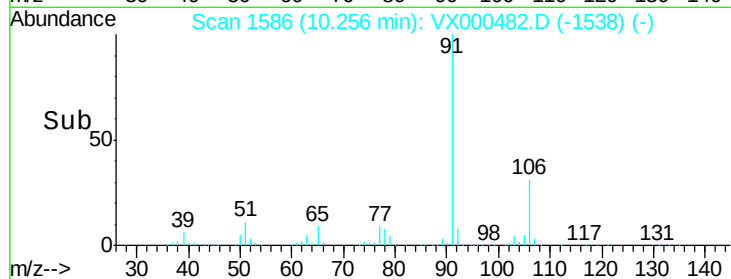
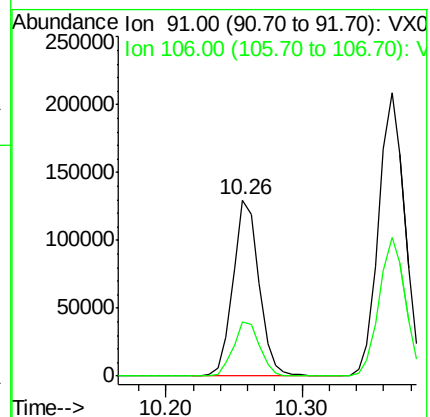
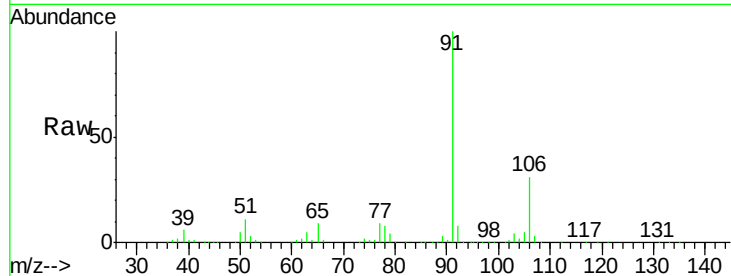
VX0328WBS01

Tgt Ion: 91 Resp: 173190

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.6



#68

m/p-Xylenes

Concen: 41.43 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000482.D

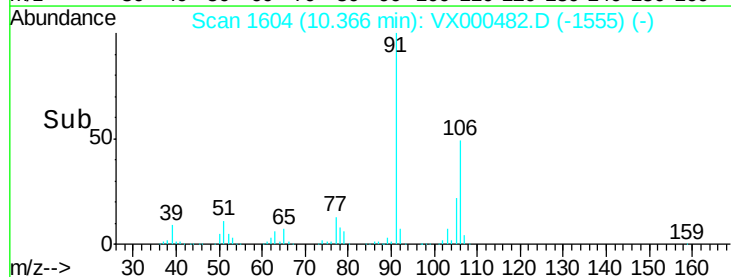
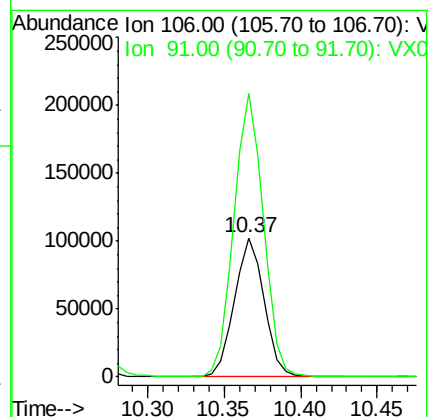
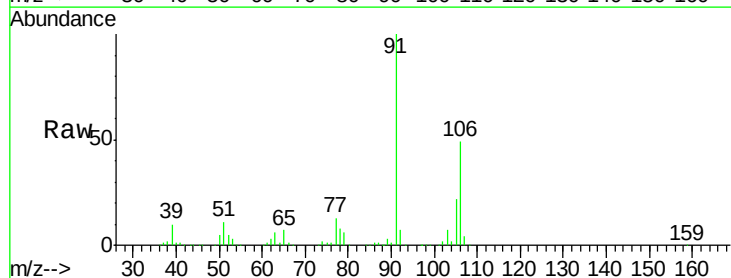
Acq: 28 Mar 2018 12:13

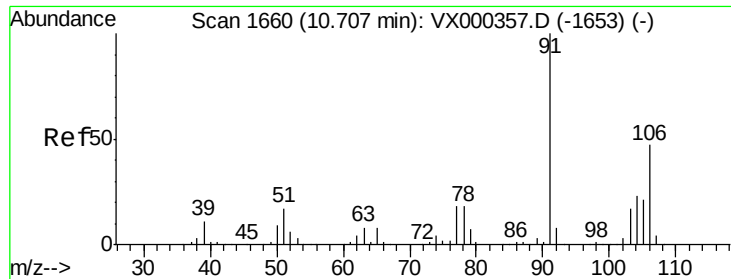
Tgt Ion: 106 Resp: 136659

Ion Ratio Lower Upper

106 100

91 203.7 163.4 245.2

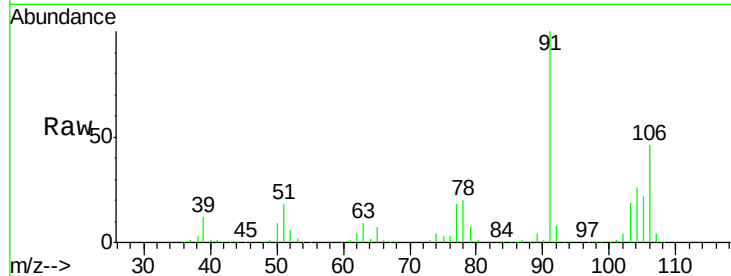




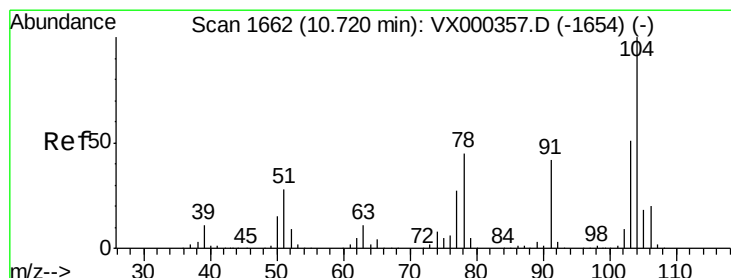
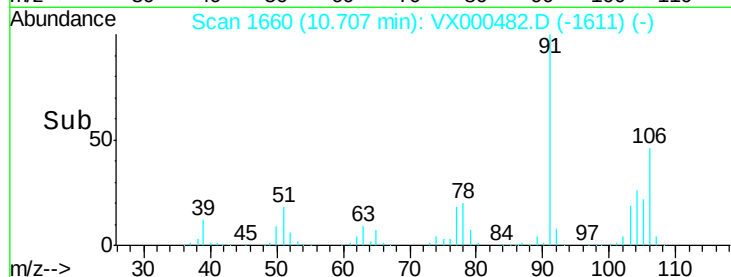
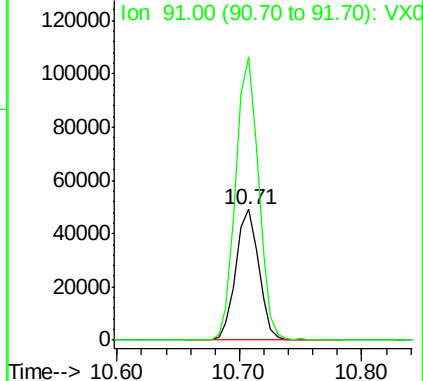
#69
o-Xylene
Concen: 20.01 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tgt Ion:106 Resp: 63909
Ion Ratio Lower Upper
106 100
91 215.6 106.5 319.6

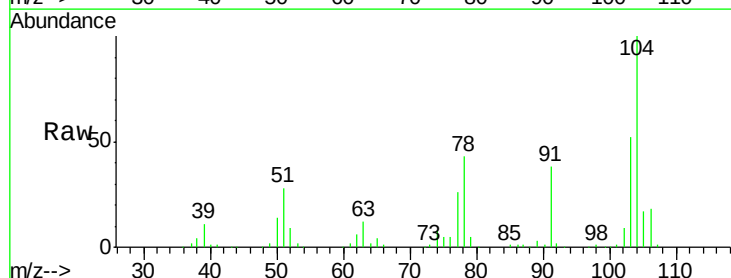


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

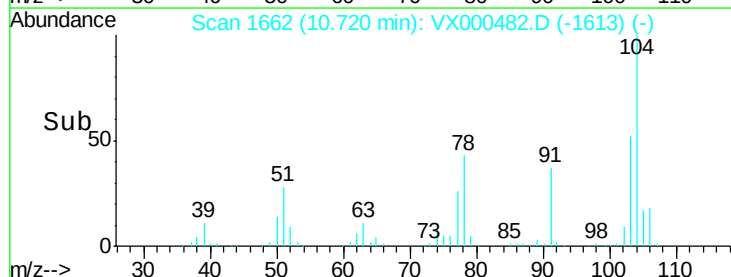
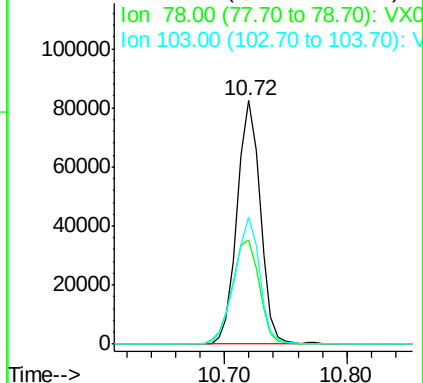


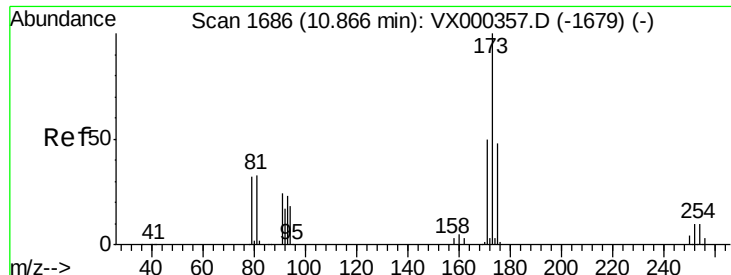
#70
Styrene
Concen: 20.42 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion:104 Resp: 107928
Ion Ratio Lower Upper
104 100
78 50.4 40.5 60.7
103 56.0 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: 18.98 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

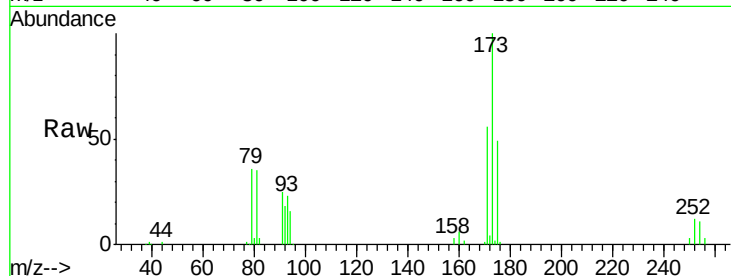
Tgt Ion:173 Resp: 27487

Ion Ratio Lower Upper

173 100

175 49.7 25.4 76.4

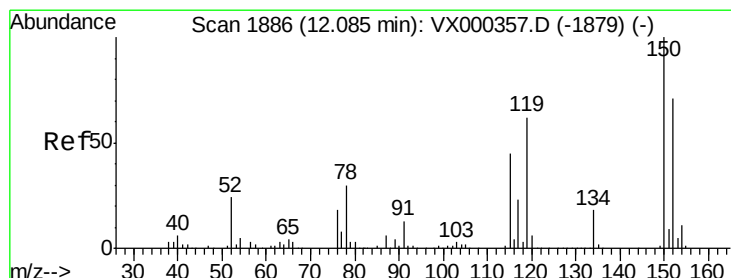
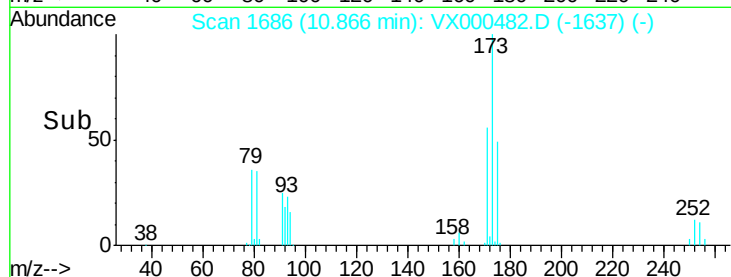
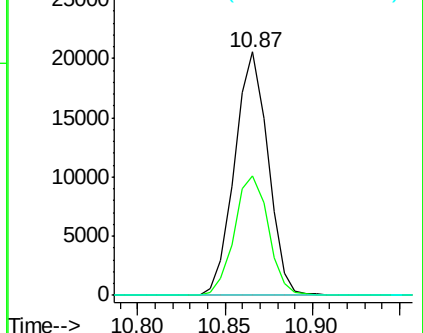
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

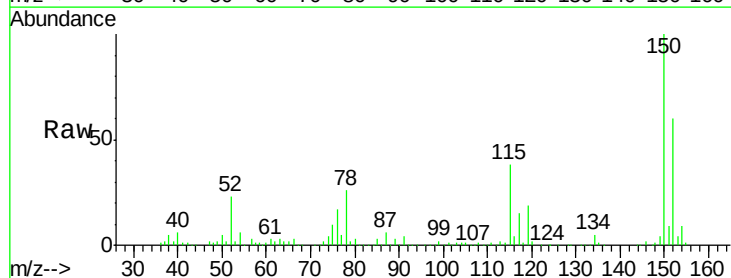
Tgt Ion:152 Resp: 124623

Ion Ratio Lower Upper

152 100

115 68.3 39.8 119.3

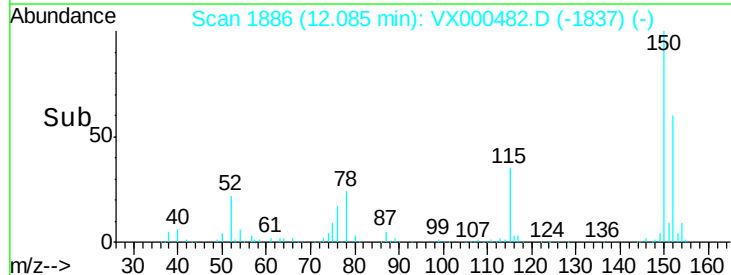
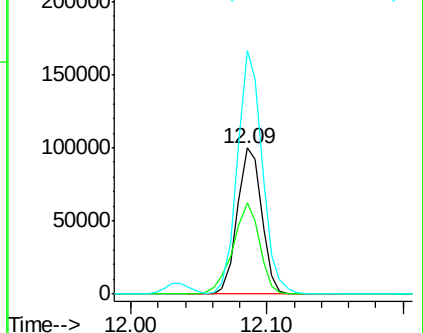
150 169.1 0.0 344.4

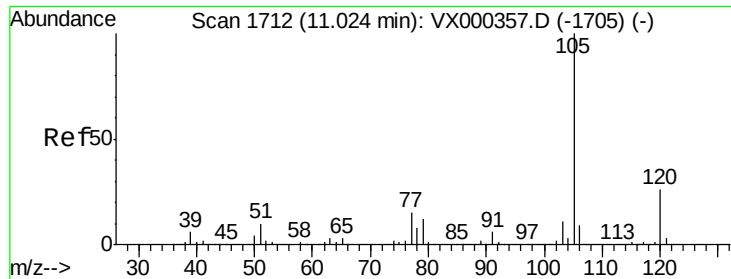


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

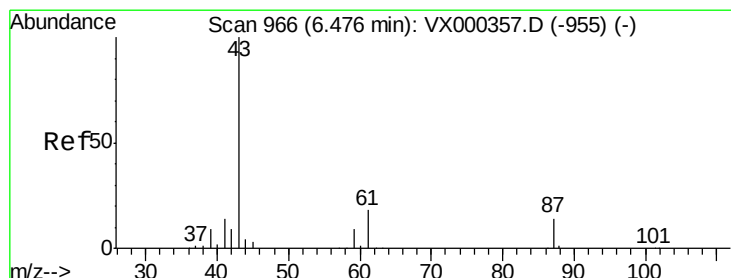
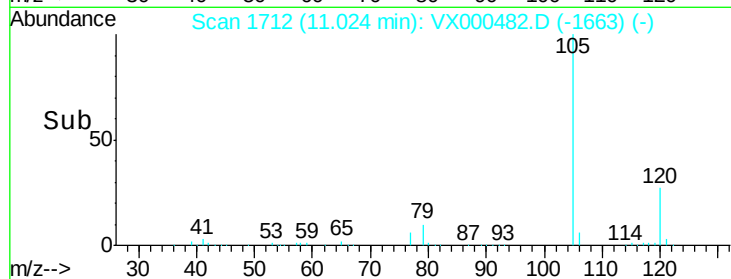
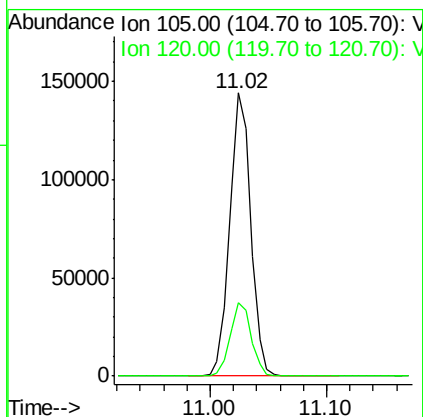
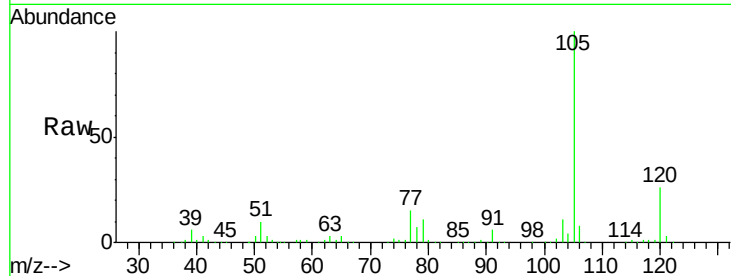




#73
Isopropylbenzene
Concen: 22.02 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

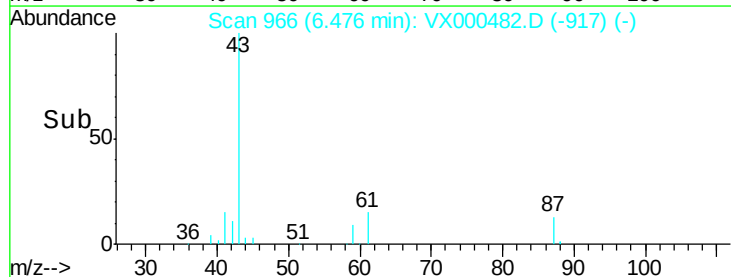
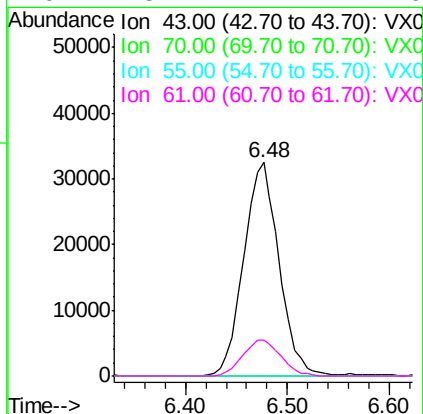
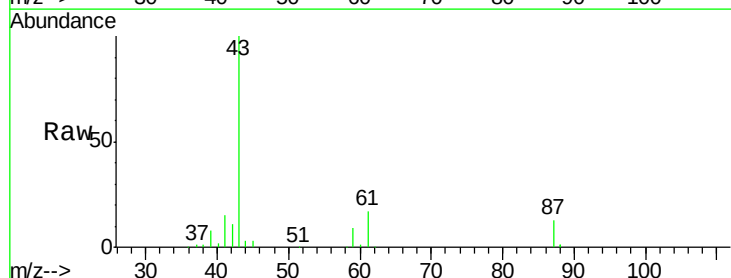
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

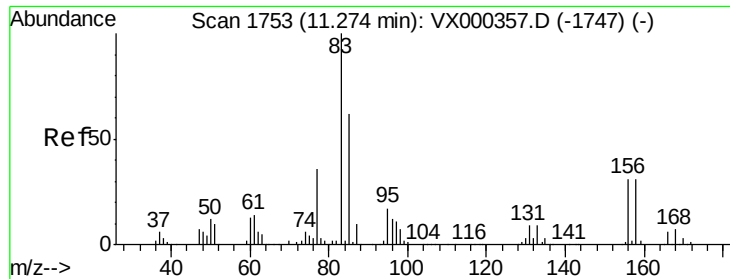
Tgt Ion: 105 Resp: 181843
Ion Ratio Lower Upper
105 100
120 26.1 13.6 40.7



#74
N-ethyl acetate
Concen: 19.76 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion: 43 Resp: 78303
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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.79 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

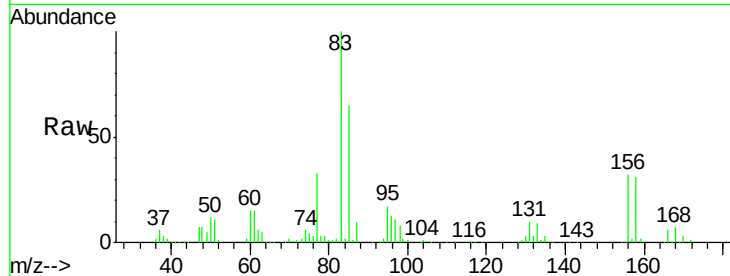
Tgt Ion: 83 Resp: 63646

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

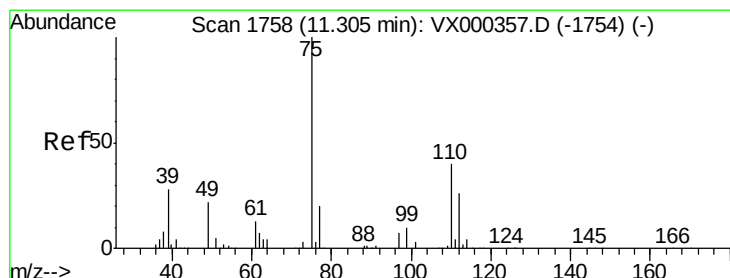
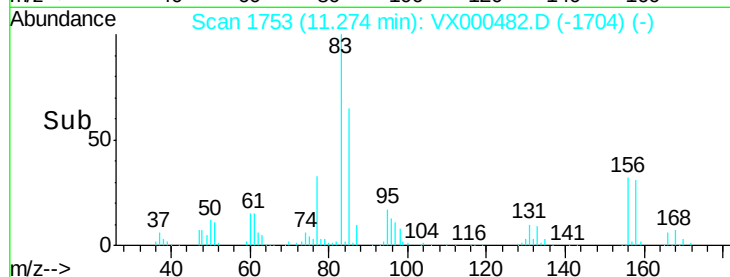
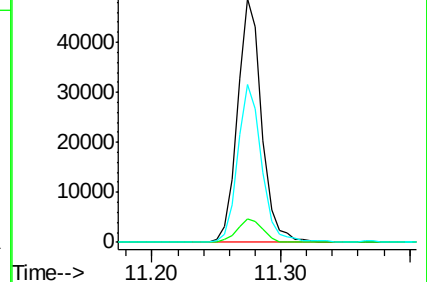
85 64.6 32.5 97.5



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: 27.00 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000482.D

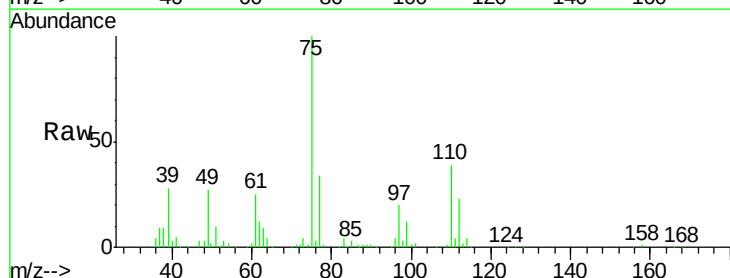
Acq: 28 Mar 2018 12:13

Tgt Ion: 75 Resp: 72304

Ion Ratio Lower Upper

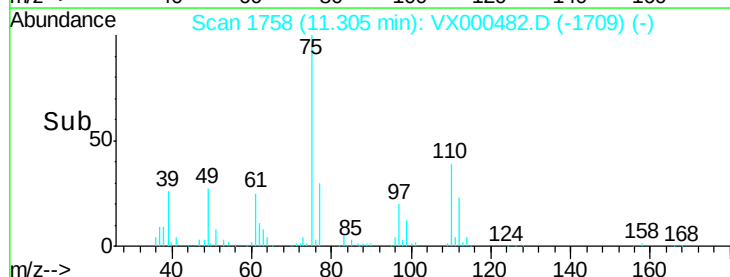
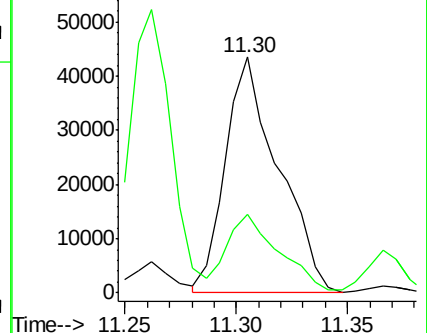
75 100

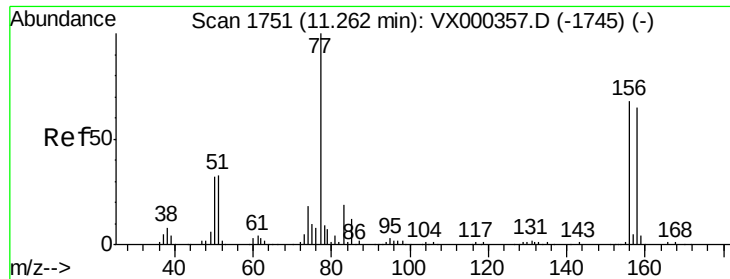
77 33.0 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

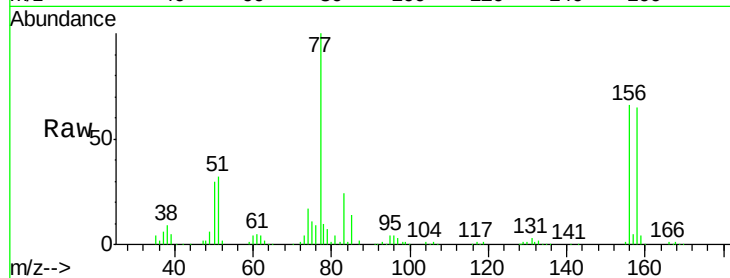




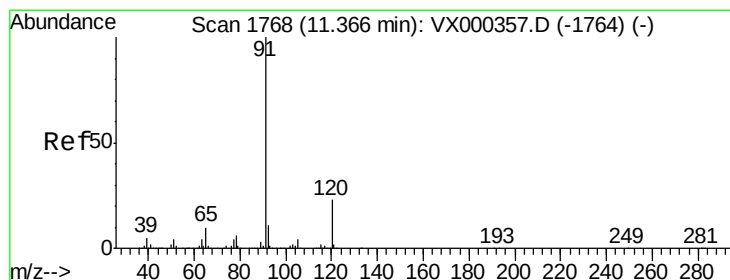
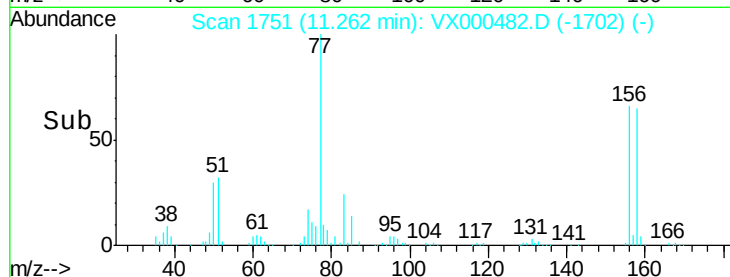
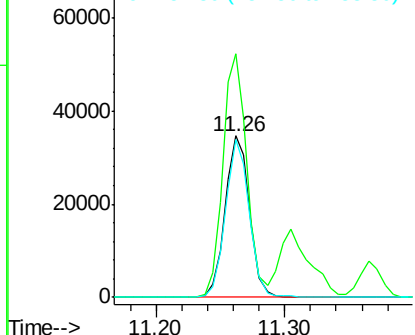
#77
Bromobenzene
Concen: 20.91 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Tgt Ion:156 Resp: 46005
Ion Ratio Lower Upper
156 100
77 148.6 73.4 220.2
158 95.3 48.5 145.6

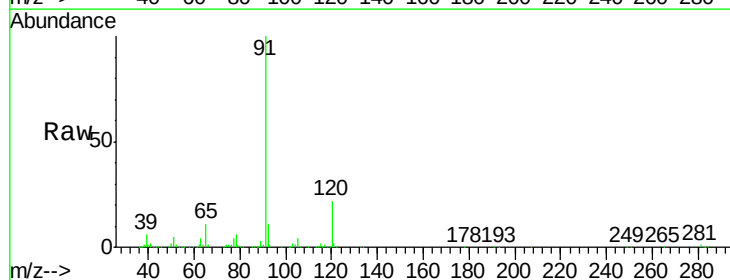


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

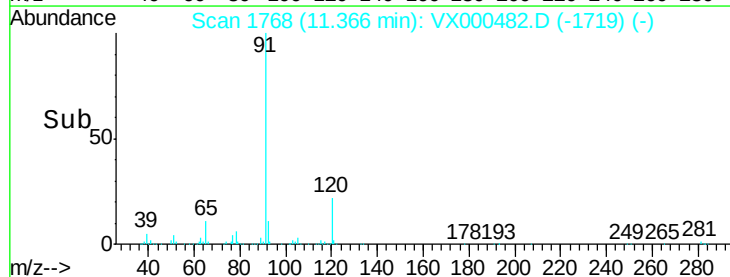
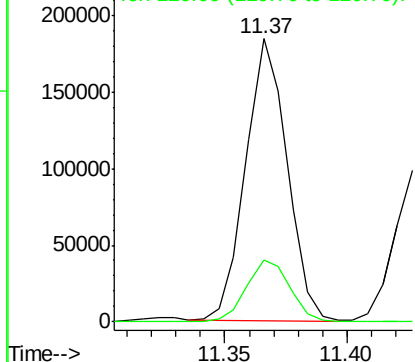


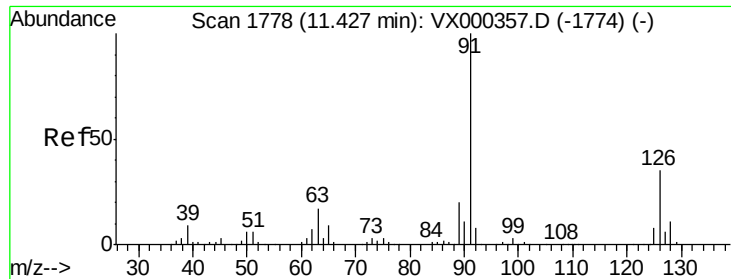
#78
n-propylbenzene
Concen: 22.13 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion: 91 Resp: 217932
Ion Ratio Lower Upper
91 100
120 23.0 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: 21.36 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampled :

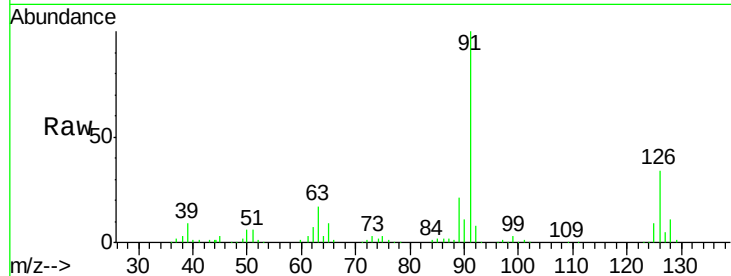
VX0328WBS01

Tgt Ion: 91 Resp: 121490

Ion Ratio Lower Upper

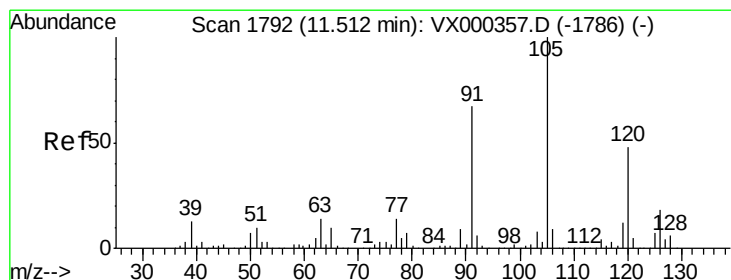
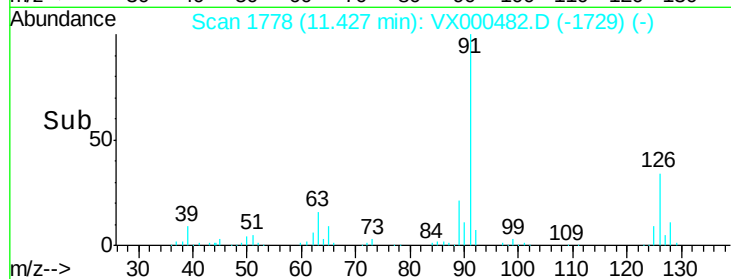
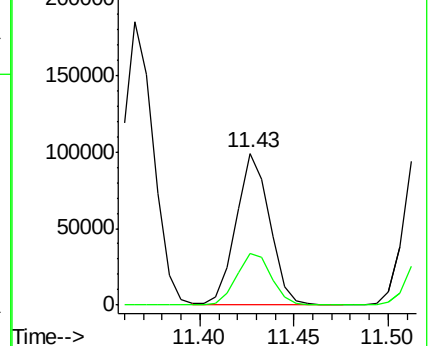
91 100

126 35.7 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.29 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000482.D

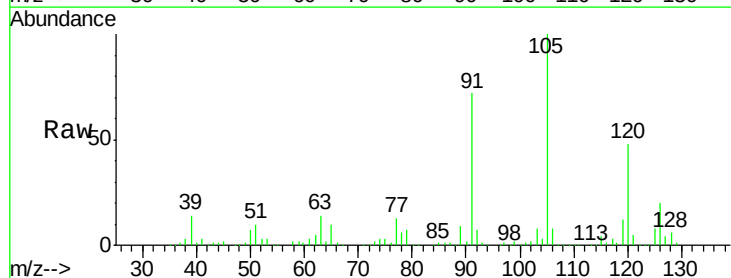
Acq: 28 Mar 2018 12:13

Tgt Ion: 105 Resp: 154724

Ion Ratio Lower Upper

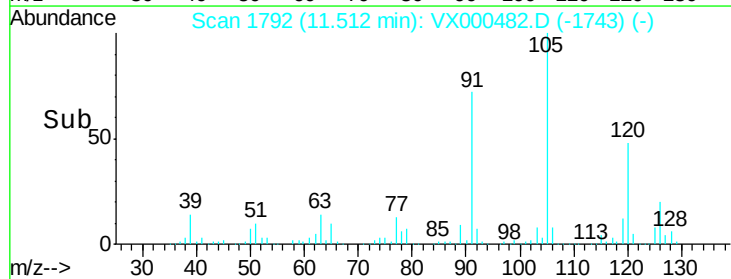
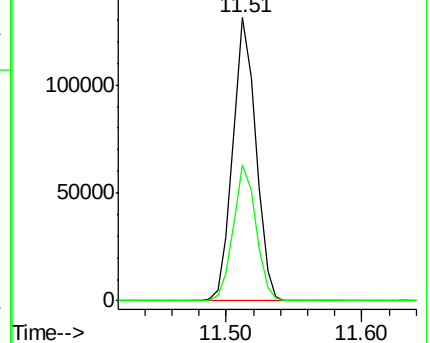
105 100

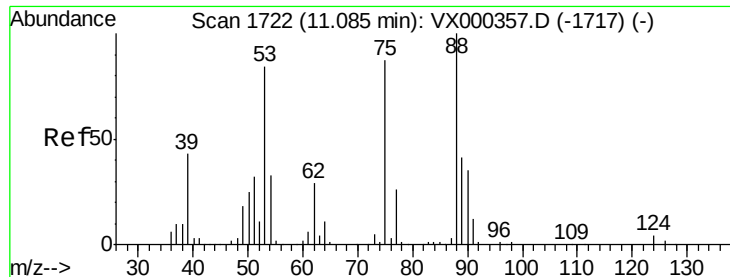
120 47.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.59 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampled :

VX0328WBS01

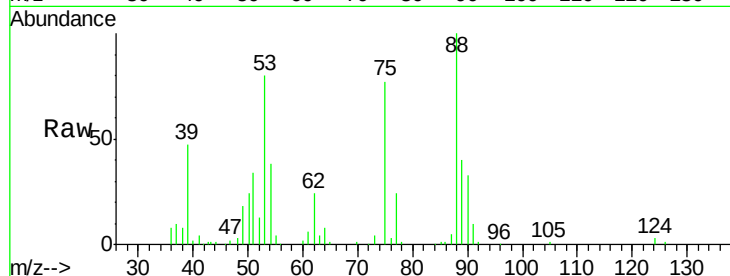
Tgt Ion: 75 Resp: 16203

Ion Ratio Lower Upper

75 100

53 110.1 80.7 121.1

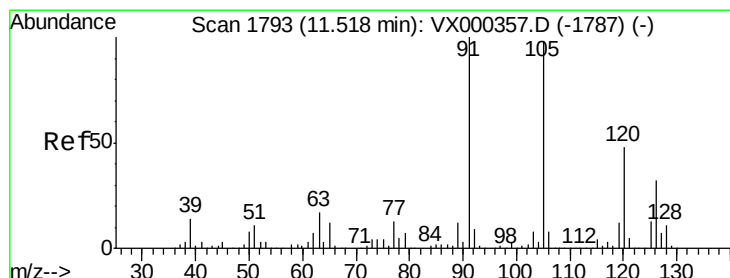
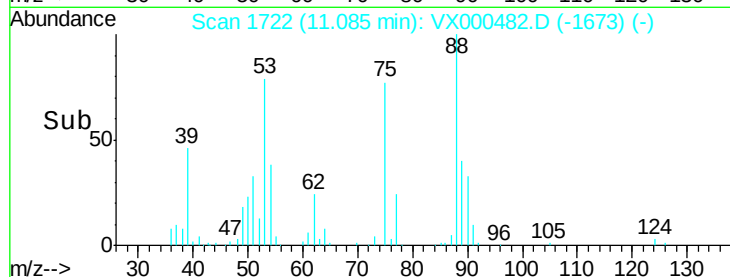
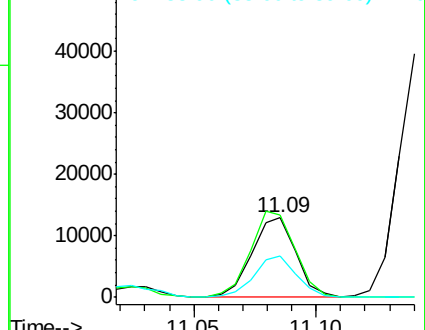
89 50.4 39.4 59.0



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: 21.83 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000482.D

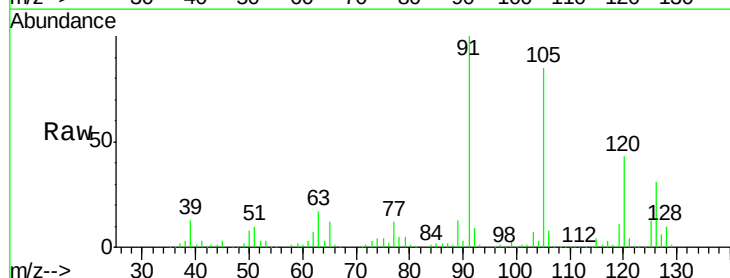
Acq: 28 Mar 2018 12:13

Tgt Ion: 91 Resp: 148263

Ion Ratio Lower Upper

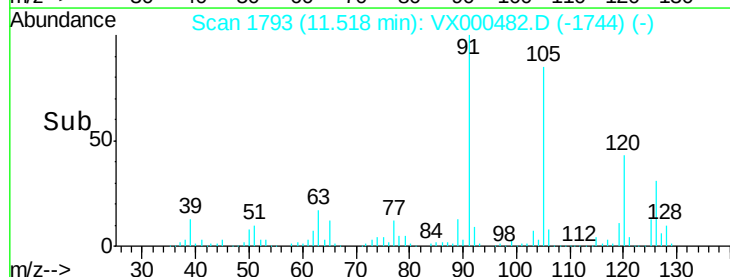
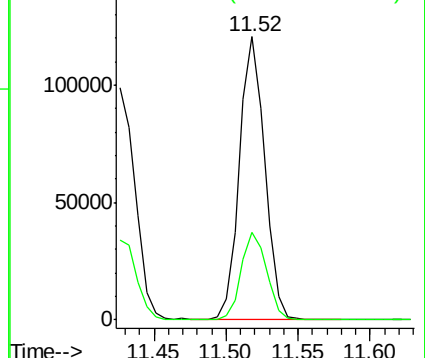
91 100

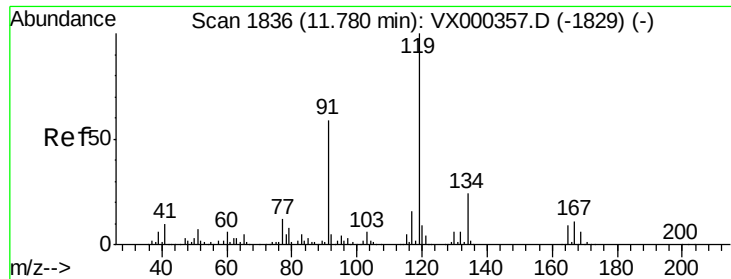
126 30.9 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

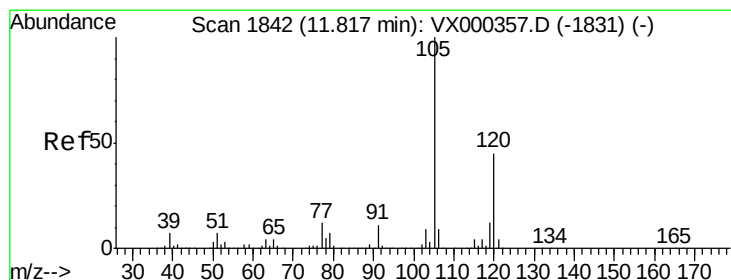
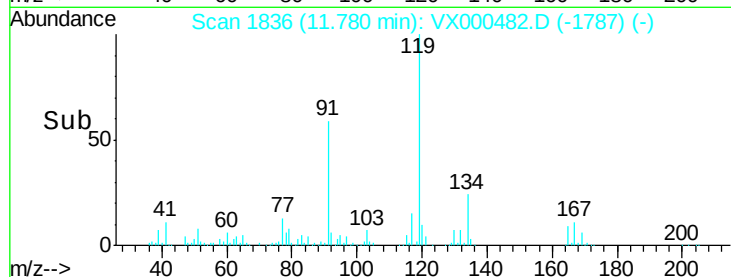
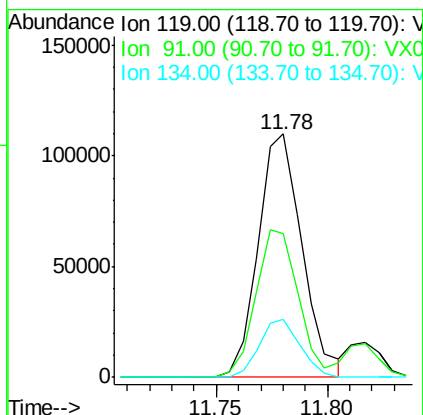
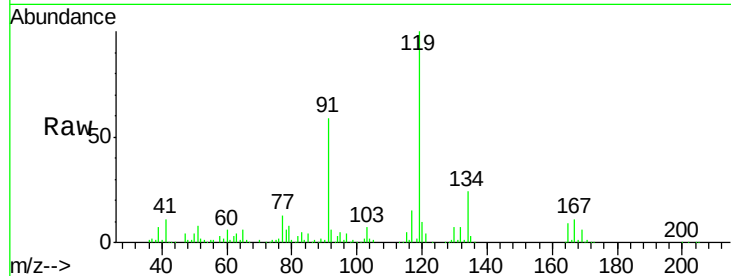




#83
 tert-Butylbenzene
 Concen: 21.54 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

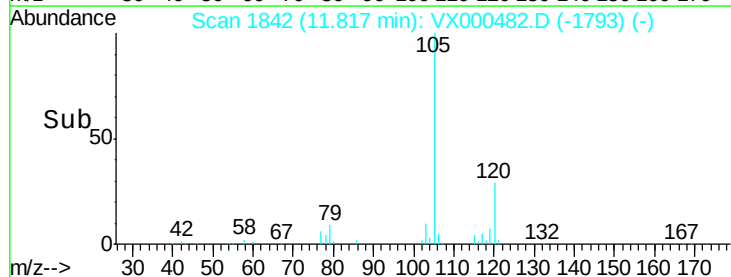
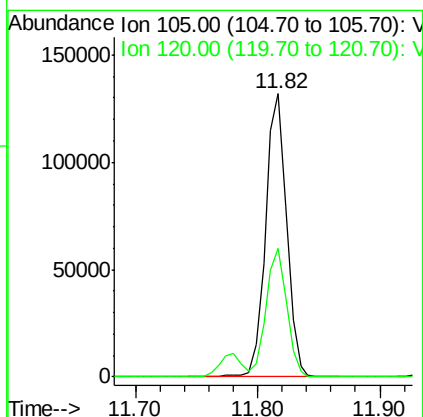
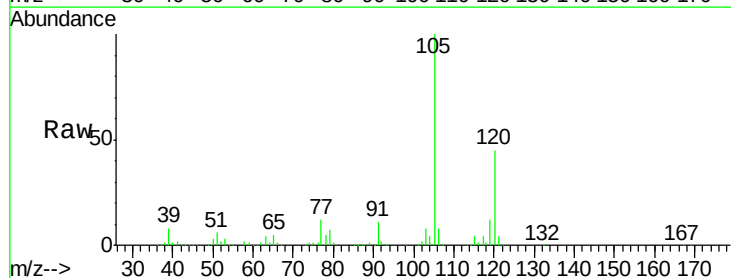
Instrument :
 MSVOA_X
 ClientSampled :
 VX0328WBS01

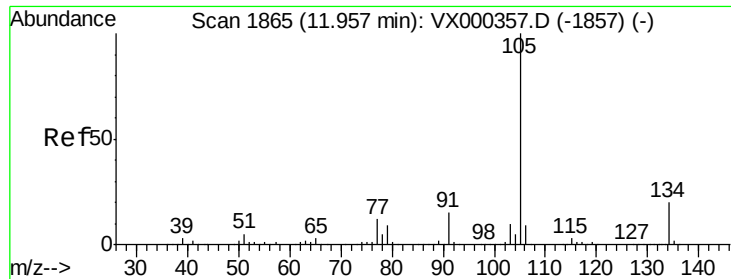
Tgt Ion:119 Resp: 150815
 Ion Ratio Lower Upper
 119 100
 91 58.5 28.8 86.4
 134 22.2 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.73 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion:105 Resp: 158191
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.3

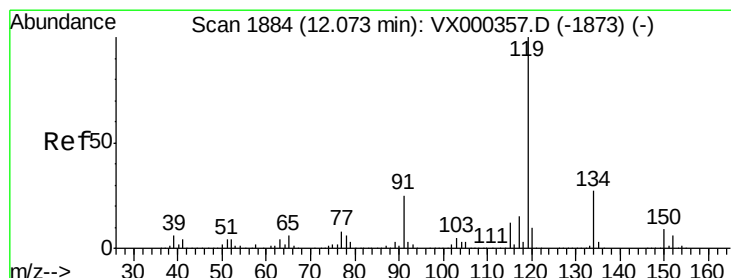
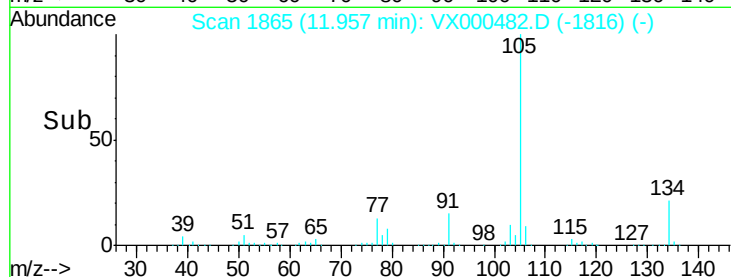
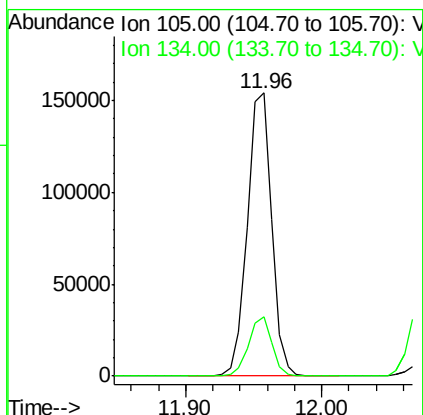
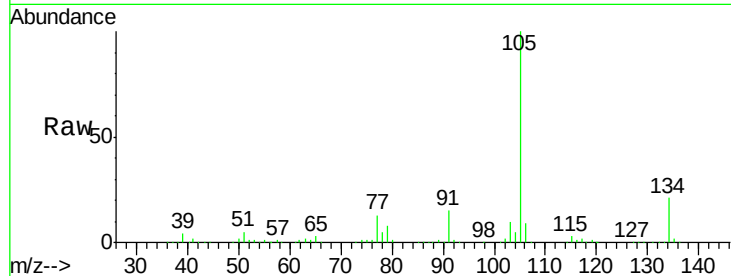




#85
 sec-Butylbenzene
 Concen: 22.28 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

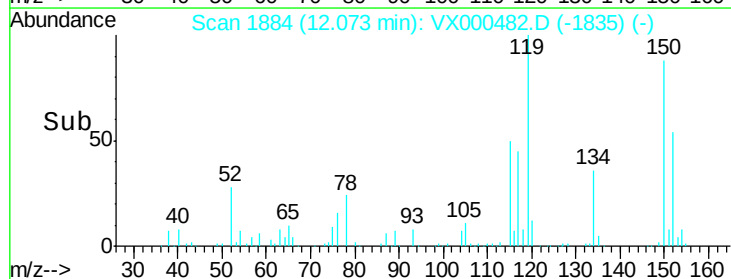
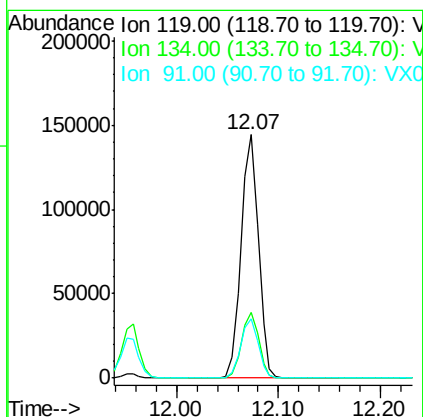
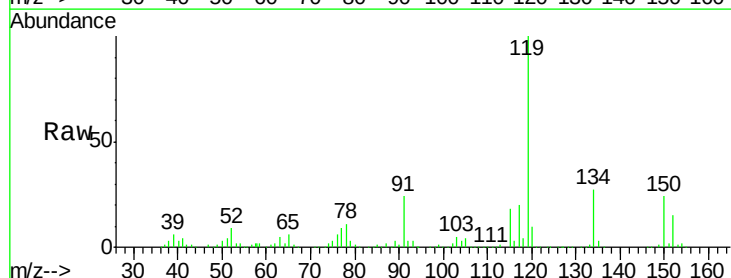
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

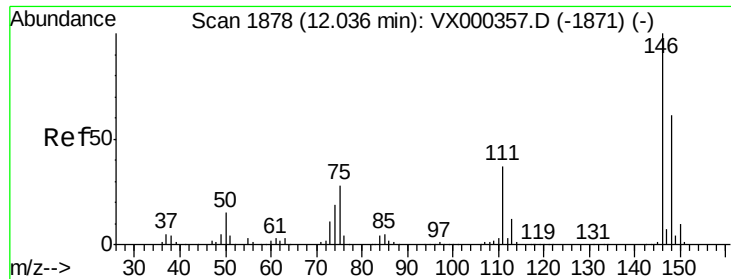
Tgt Ion:105 Resp: 193078
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.86 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion:119 Resp: 168201
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 24.8 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 21.50 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

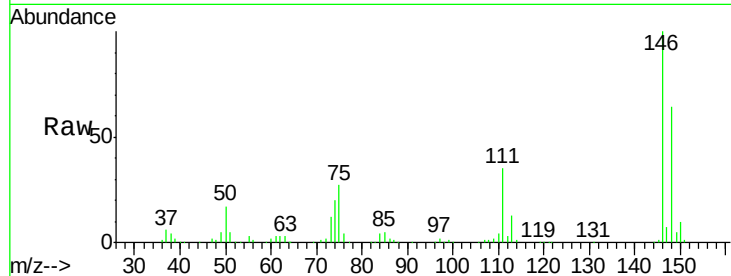
Tgt Ion:146 Resp: 89425

Ion Ratio Lower Upper

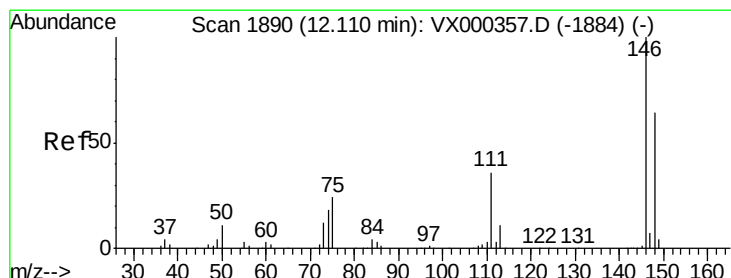
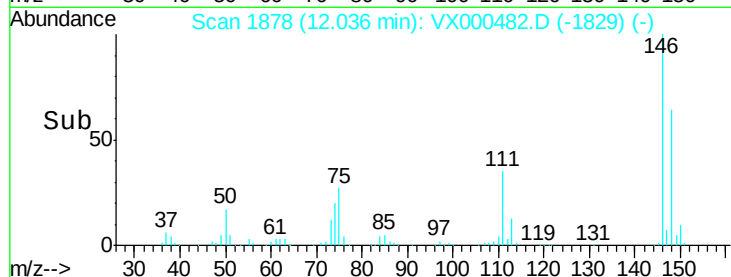
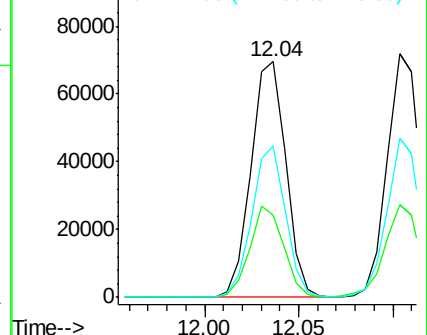
146 100

111 37.5 19.5 58.5

148 62.0 32.4 97.0



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



#88

1,4-Dichlorobenzene

Concen: 20.48 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

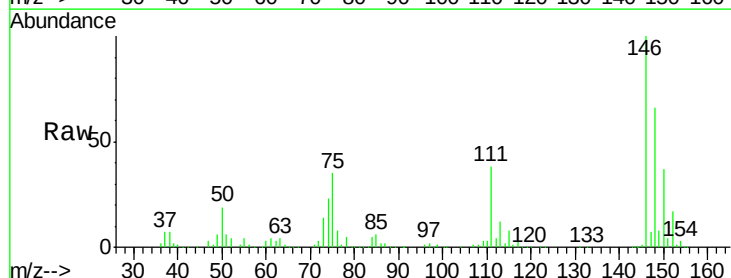
Tgt Ion:146 Resp: 89406

Ion Ratio Lower Upper

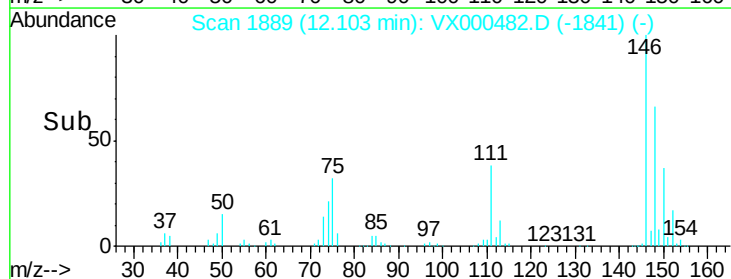
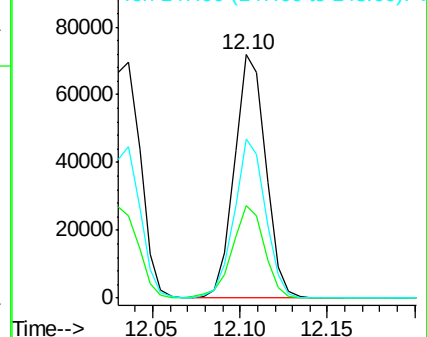
146 100

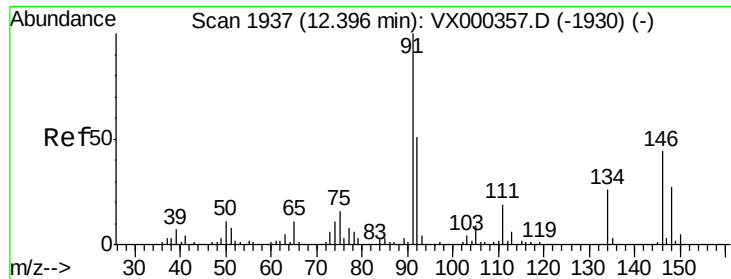
111 39.0 18.9 56.9

148 65.4 31.0 93.0



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

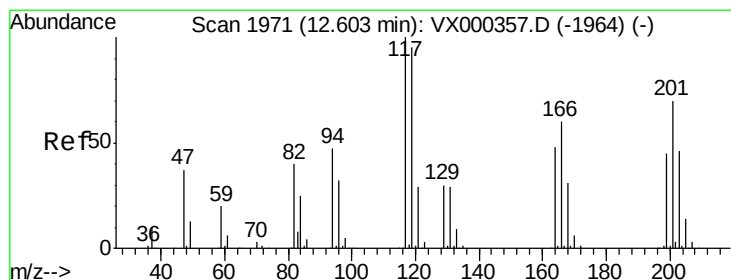
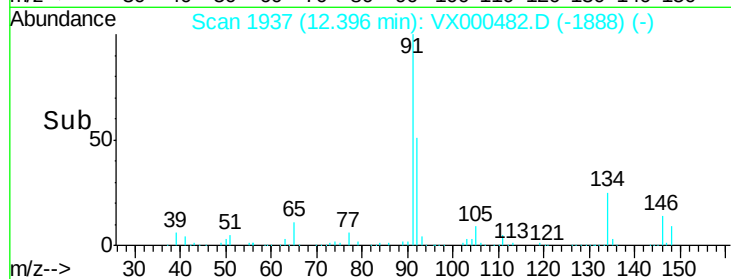
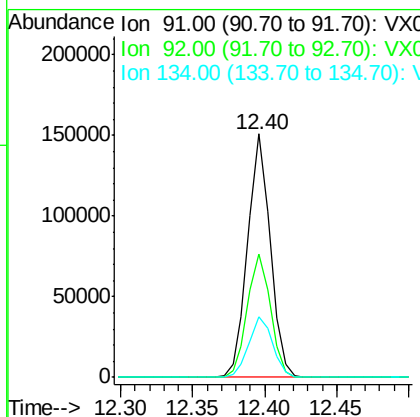
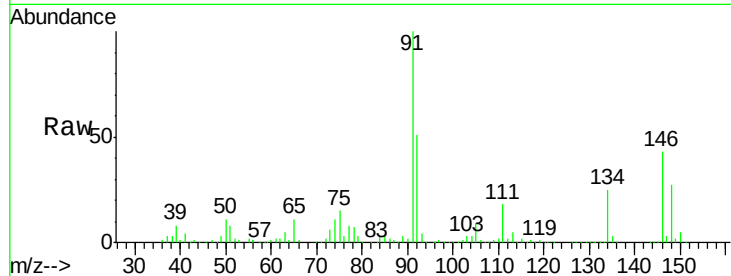




#89
n-Butylbenzene
Concen: 22.84 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

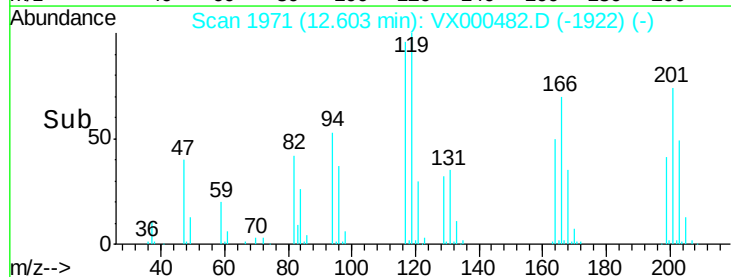
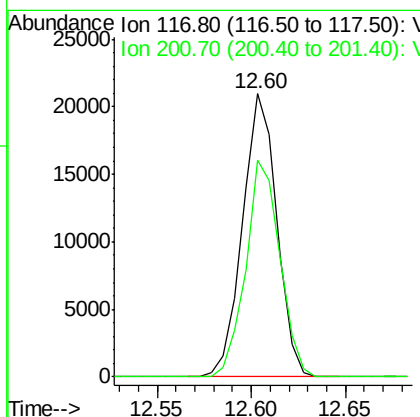
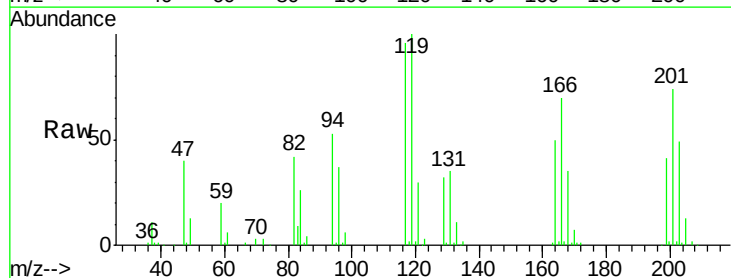
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

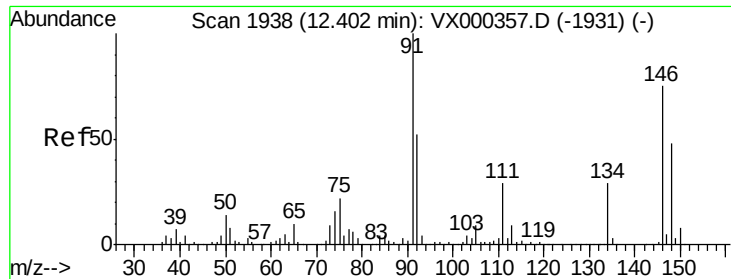
Tgt Ion: 91 Resp: 163604
Ion Ratio Lower Upper
91 100
92 52.1 25.9 77.8
134 26.2 13.1 39.3



#90
Hexachloroethane
Concen: 21.78 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000482.D
Acq: 28 Mar 2018 12:13

Tgt Ion: 117 Resp: 26383
Ion Ratio Lower Upper
117 100
201 76.2 37.9 113.6

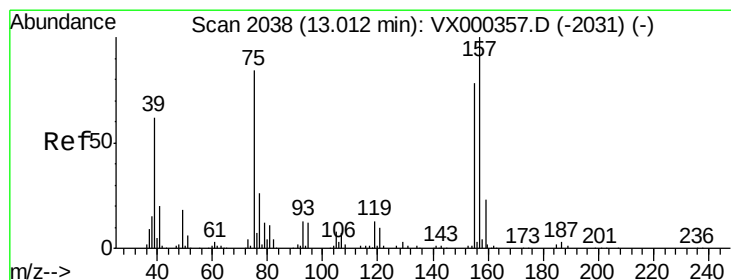
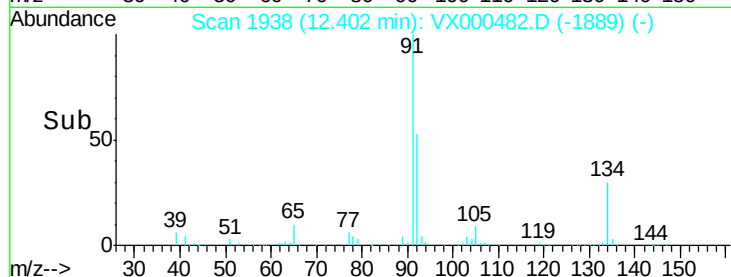
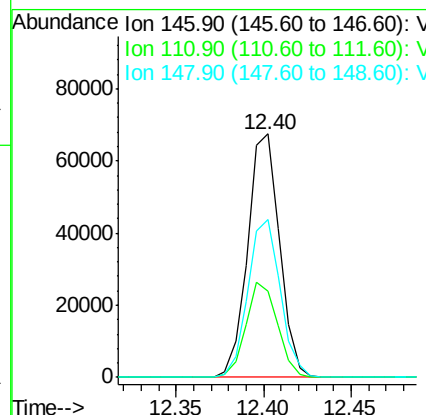
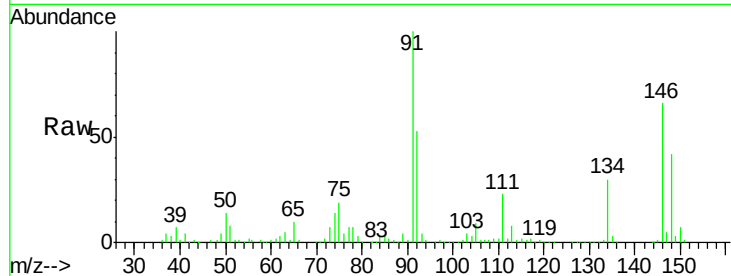




#91
 1,2-Dichlorobenzene
 Concen: 20.96 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

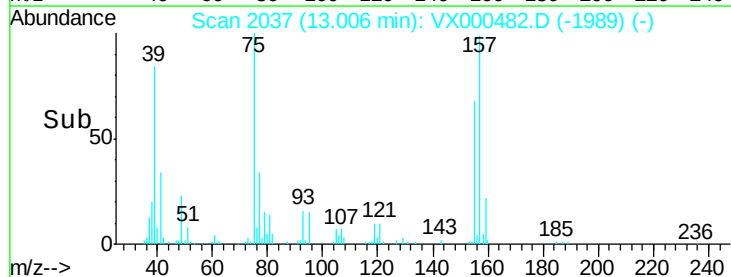
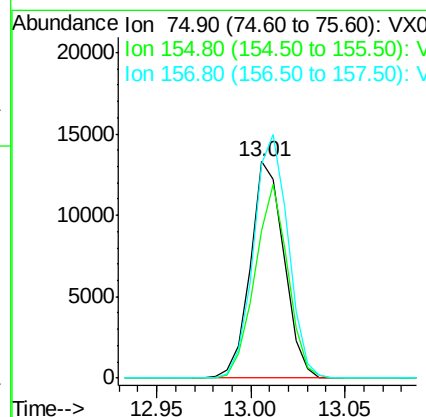
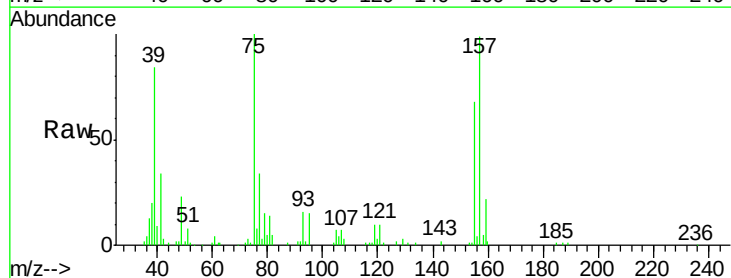
Instrument :
 MSVOA_X
 ClientSampled :
 VX0328WBS01

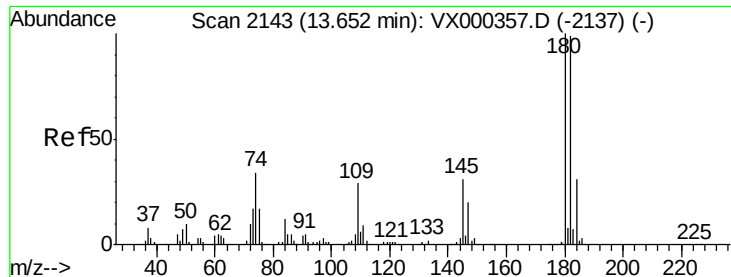
Tgt Ion:146 Resp: 85478
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.1 60.2
 148 66.1 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.17 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion: 75 Resp: 16426
 Ion Ratio Lower Upper
 75 100
 155 87.2 45.0 134.8
 157 115.0 58.1 174.2

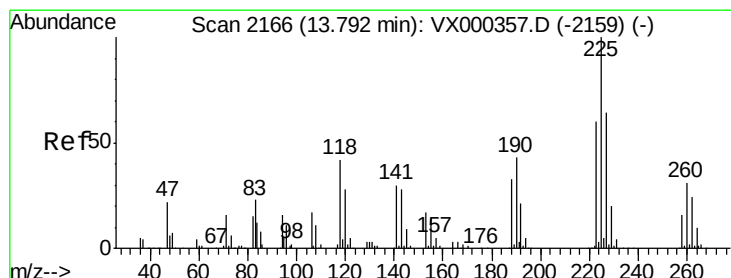
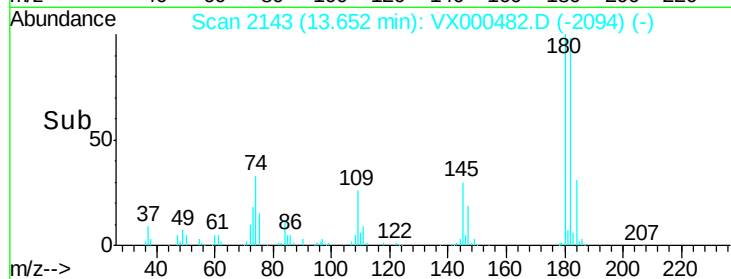
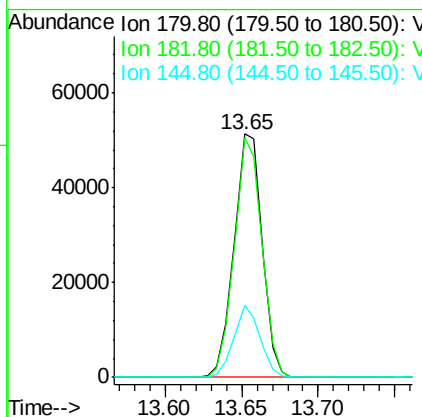
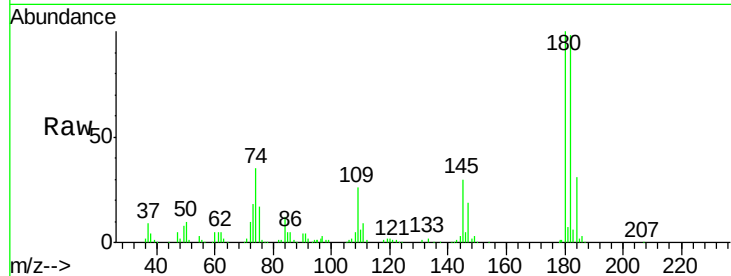




#93
 1,2,4-Trichlorobenzene
 Concen: 22.36 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

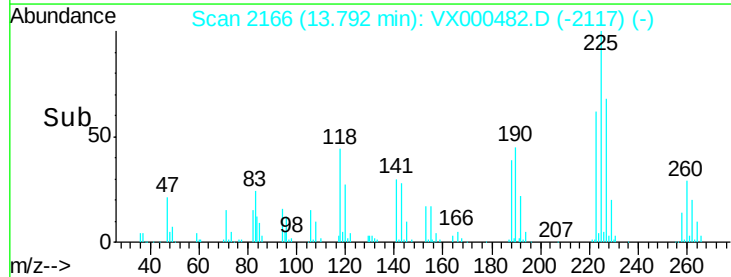
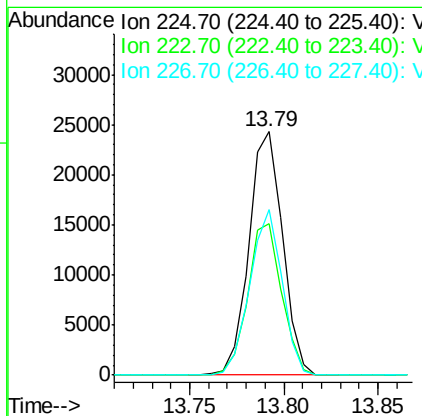
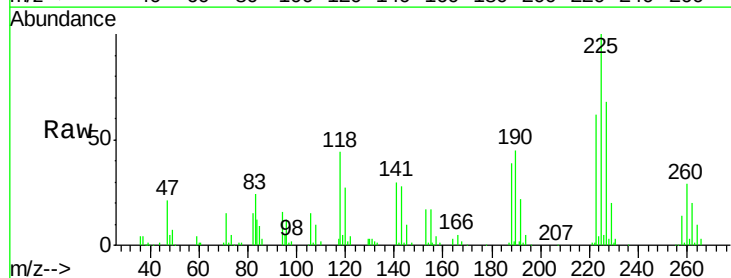
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

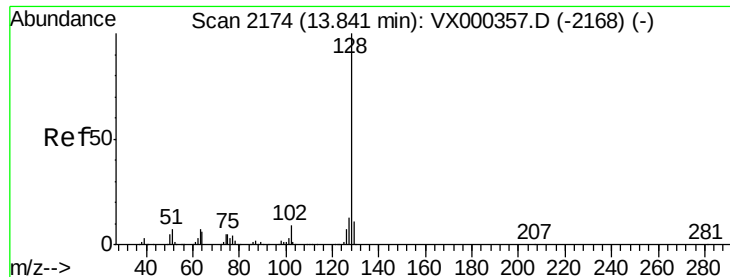
Tgt Ion:180 Resp: 65365
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.6 142.9
 145 27.8 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 24.83 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000482.D
 Acq: 28 Mar 2018 12:13

Tgt Ion:225 Resp: 30055
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.0 96.0
 227 65.1 32.6 98.0





#95

Naphthalene

Concen: 21.90 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBS01

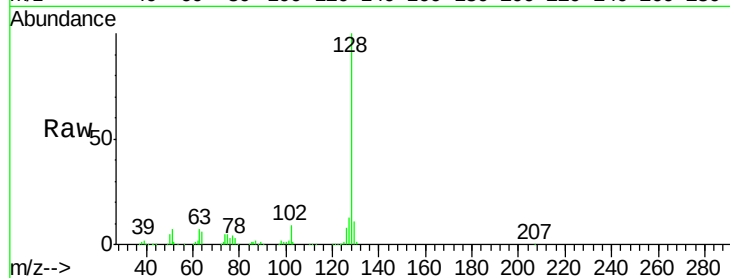
Tgt Ion:128 Resp: 222966

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

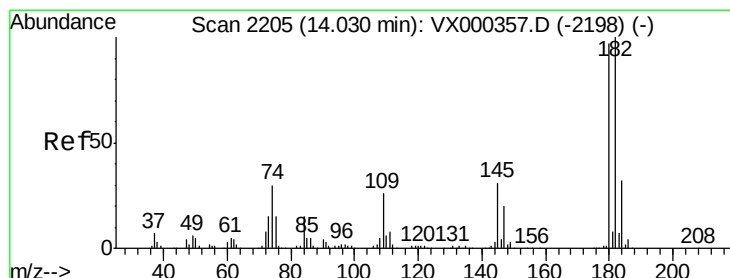
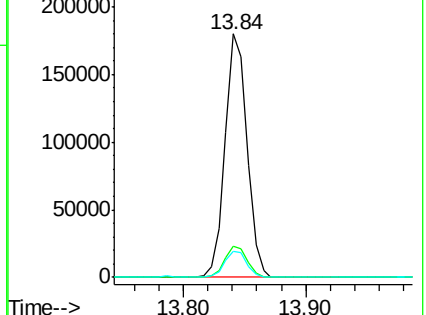
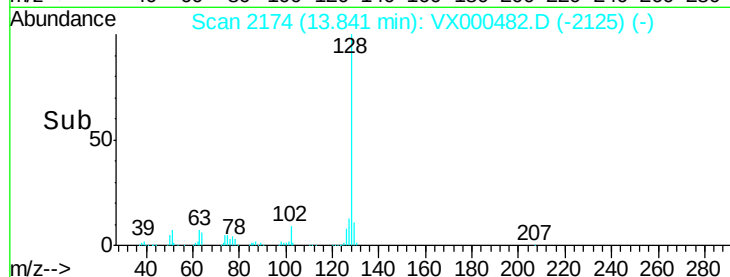
129 10.8 8.9 13.3



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: 22.56 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000482.D

Acq: 28 Mar 2018 12:13

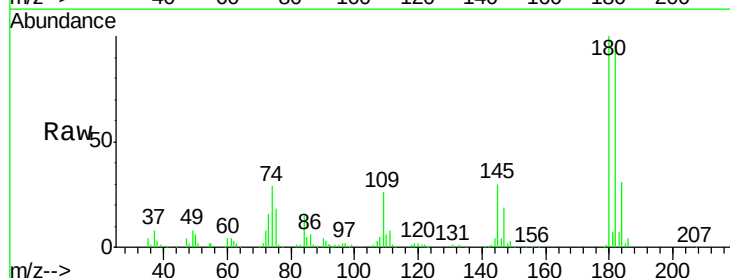
Tgt Ion:180 Resp: 65154

Ion Ratio Lower Upper

180 100

182 95.9 47.4 142.3

145 31.1 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

