

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122818\
 Data File : VX006855.D
 Acq On : 28 Dec 2018 12:34
 Operator : JC/MD
 Sample : VX1228WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01

Quant Time: Dec 28 22:57:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	570959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	846997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	763583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	385777	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	292971	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	5.51	113	264684	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	8.71	98	973066	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.13	95	350247	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	85921	16.450	ug/l	97
3) Chloromethane	1.33	50	98663	17.533	ug/l	99
4) Vinyl Chloride	1.41	62	103641	17.634	ug/l	100
5) Bromomethane	1.64	94	96404	16.285	ug/l	98
6) Chloroethane	1.72	64	69140	16.990	ug/l	98
7) Trichlorofluoromethane	1.93	101	168691	18.410	ug/l	95
8) Diethyl Ether	2.19	74	68821	18.910	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100178	18.620	ug/l	99
10) Methyl Iodide	2.51	142	133768	17.369	ug/l	98
11) Tert butyl alcohol	3.07	59	133765	97.404	ug/l	97
12) 1,1-Dichloroethene	2.37	96	92048	18.044	ug/l	93
13) Acrolein	2.30	56	93604	101.036	ug/l	98
14) Allyl chloride	2.73	41	162249	18.895	ug/l	98
15) Acrylonitrile	3.15	53	309783	101.596	ug/l	99
16) Acetone	2.45	43	265344	93.856	ug/l	97
17) Carbon Disulfide	2.57	76	190366	14.101	ug/l	100
18) Methyl Acetate	2.78	43	193537	23.281	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	353341	20.869	ug/l	99
20) Methylene Chloride	2.86	84	114011	19.502	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	101582	17.972	ug/l	98
22) Diisopropyl ether	3.87	45	321270	20.451	ug/l	92
23) Vinyl Acetate	3.82	43	1266211	98.542	ug/l	100
24) 1,1-Dichloroethane	3.70	63	174194	18.576	ug/l	98
25) 2-Butanone	4.70	43	383722	96.492	ug/l	97
26) 2,2-Dichloropropane	4.59	77	123040	16.986	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	116973	18.757	ug/l	97
28) Bromochloromethane	5.02	49	83934	20.125	ug/l	95
29) Tetrahydrofuran	5.15	42	253535	96.799	ug/l	100
30) Chloroform	5.21	83	186316	19.186	ug/l	100
31) Cyclohexane	5.57	56	142905	16.774	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	153729	18.748	ug/l	97
36) 1,1-Dichloropropene	5.80	75	127138	18.124	ug/l	98
37) Ethyl Acetate	4.85	43	147178	20.157	ug/l	98
38) Carbon Tetrachloride	5.79	117	126794	18.598	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151545	16.409	ug/l	98
40) Benzene	6.14	78	411562	19.301	ug/l	99
41) Methacrylonitrile	5.06	41	82855	21.374	ug/l	98
42) 1,2-Dichloroethane	6.20	62	141851	19.522	ug/l	100
43) Isopropyl Acetate	6.46	43	235835	21.228	ug/l	99
44) Trichloroethene	7.21	130	119406	18.501	ug/l	99
45) 1,2-Dichloropropane	7.52	63	104042	20.050	ug/l	94
46) Dibromomethane	7.66	93	73153	19.166	ug/l	97
47) Bromodichloromethane	7.90	83	120251	18.977	ug/l	94
48) Methyl methacrylate	7.77	41	121300	21.471	ug/l	97
49) 1,4-Dioxane	7.76	88	49970	324.630	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	763664	108.036	ug/l	100
52) Toluene	8.78	92	267612	19.426	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	129563	19.064	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	149558	20.056	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	114367	20.282	ug/l	98
56) Ethyl methacrylate	9.18	69	167995	21.079	ug/l	97
57) 1,3-Dichloropropane	9.37	76	181421	19.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	431542	101.866	ug/l	100
59) 2-Hexanone	9.49	43	568531	105.122	ug/l	99
60) Dibromochloromethane	9.59	129	101191	18.685	ug/l	99
61) 1,2-Dibromoethane	9.67	107	119141	19.876	ug/l	99
64) Tetrachloroethene	9.34	164	118197	19.548	ug/l	96
65) Chlorobenzene	10.14	112	309986	19.189	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	103429	20.521	ug/l	98
67) Ethyl Benzene	10.25	91	506005	19.169	ug/l	100
68) m/p-Xylenes	10.36	106	399892	38.391	ug/l	99
69) o-Xylene	10.70	106	198361	19.285	ug/l	98
70) Styrene	10.71	104	309560	19.023	ug/l	97
71) Bromoform	10.86	173	70221	18.528	ug/l	98
73) Isopropylbenzene	11.02	105	514914	19.510	ug/l	98
74) N-amyl acetate	10.90	43	211608	22.400	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	167452	21.334	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	175738	24.512	ug/l	94
77) Bromobenzene	11.26	156	143461	20.106	ug/l	97
78) n-propylbenzene	11.36	91	560169	19.275	ug/l	100
79) 2-Chlorotoluene	11.42	91	334162	18.973	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	415912	19.133	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36018	18.227	ug/l	90
82) 4-Chlorotoluene	11.51	91	387527	19.182	ug/l	99
83) tert-Butylbenzene	11.77	119	415470	19.097	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	433577	18.963	ug/l	100
85) sec-Butylbenzene	11.94	105	492159	18.451	ug/l	99
86) p-Isopropyltoluene	12.06	119	441748	18.840	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	248121	19.295	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	249220	18.905	ug/l	99
89) n-Butylbenzene	12.39	91	363631	18.222	ug/l	99
90) Hexachloroethane	12.60	117	58292	18.132	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	249213	19.373	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29546	18.193	ug/l	98

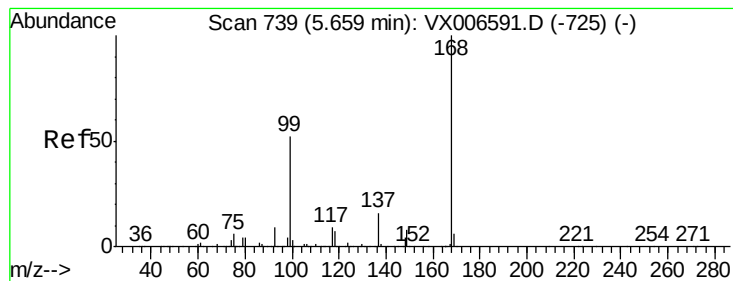
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX122818\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	161414	18.191	ug/l	99
94) Hexachlorobutadiene	13.78	225	71967	17.207	ug/l	99
95) Naphthalene	13.83	128	503073	17.763	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	162673	17.756	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

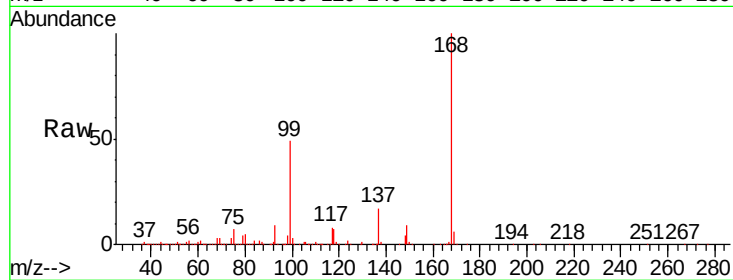
VX1228WBSD01

Tgt Ion:168 Resp: 570959

Ion Ratio Lower Upper

168 100

99 48.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006855.D (-690) (-)

Ion 98.90 (98.60 to 99.60): VX006855.D (-690) (-)

5.67

200000

150000

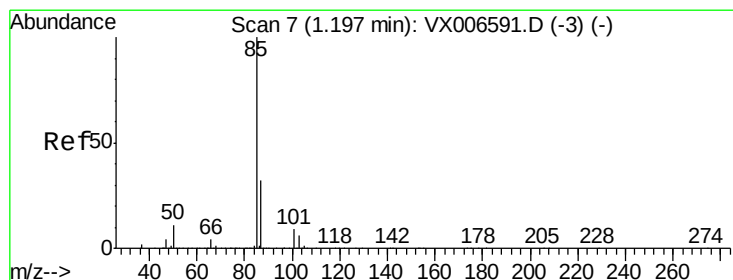
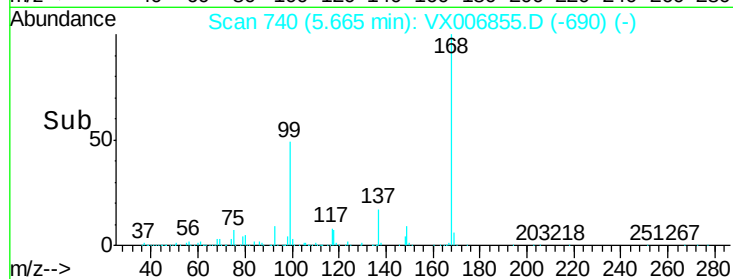
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.450 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006855.D

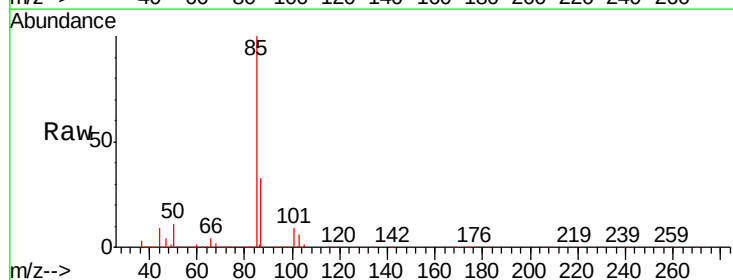
Acq: 28 Dec 2018 12:34

Tgt Ion: 85 Resp: 85921

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX006855.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX006855.D (-1) (-)

1.20

80000

60000

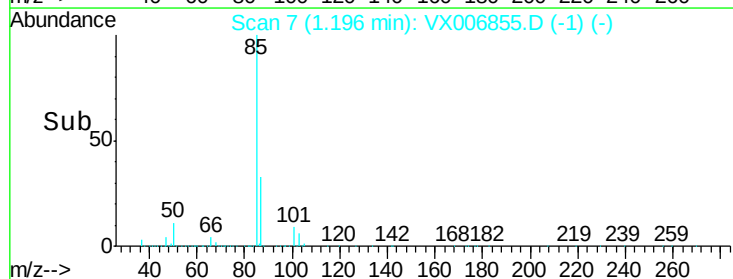
40000

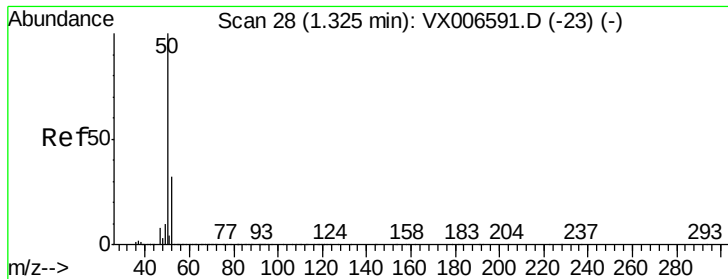
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.533 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

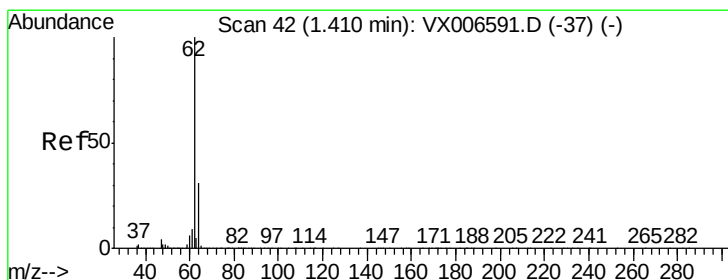
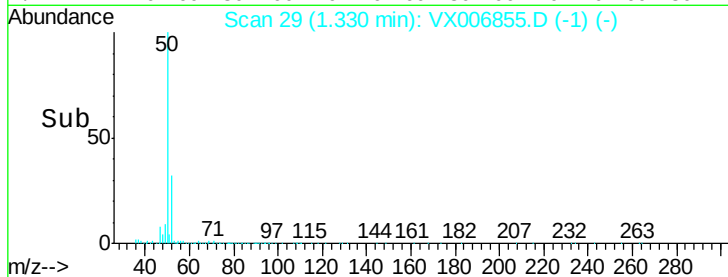
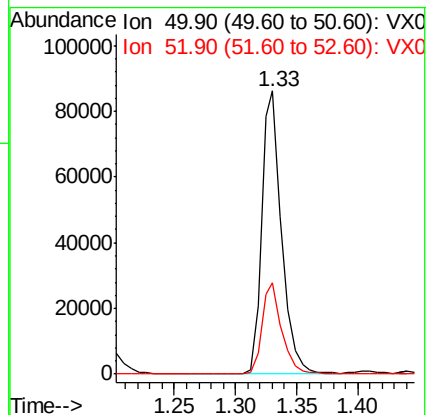
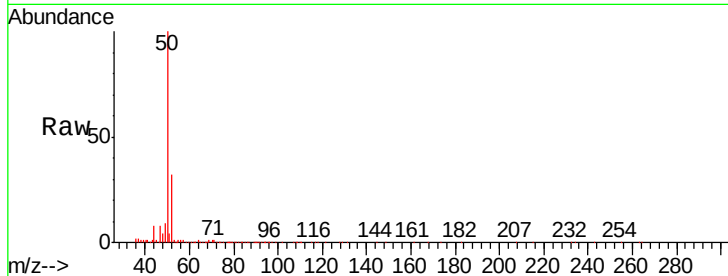
VX1228WBSD01

Tgt Ion: 50 Resp: 98663

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 17.634 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006855.D

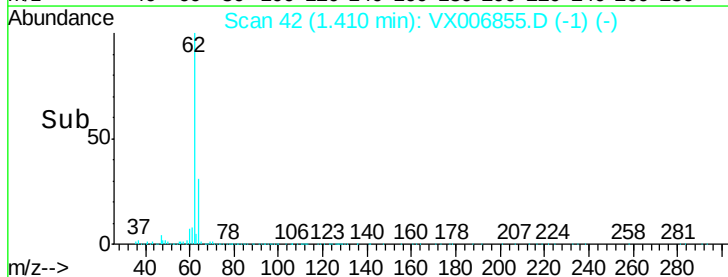
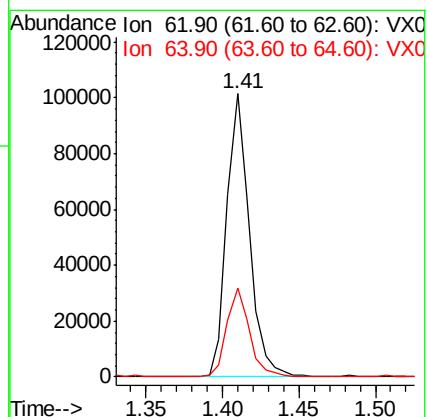
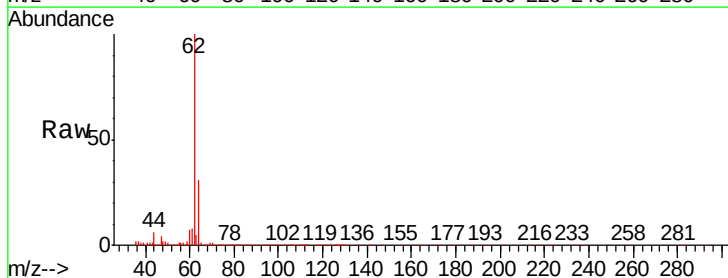
Acq: 28 Dec 2018 12:34

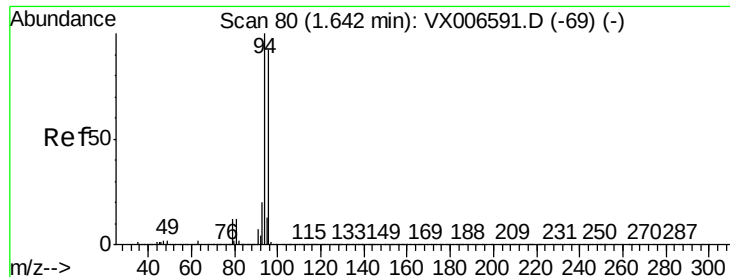
Tgt Ion: 62 Resp: 103641

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 16.285 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

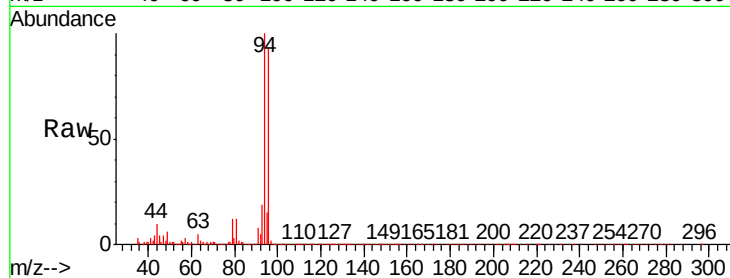
VX1228WBSD01

Tgt Ion: 94 Resp: 96404

Ion Ratio Lower Upper

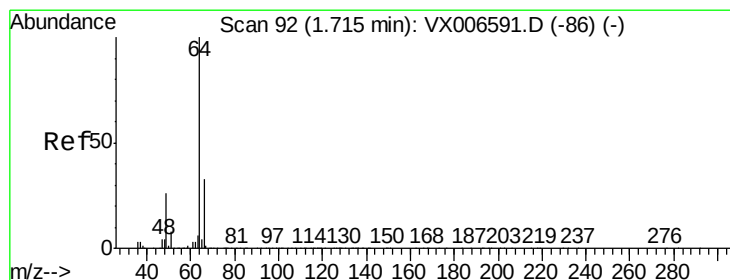
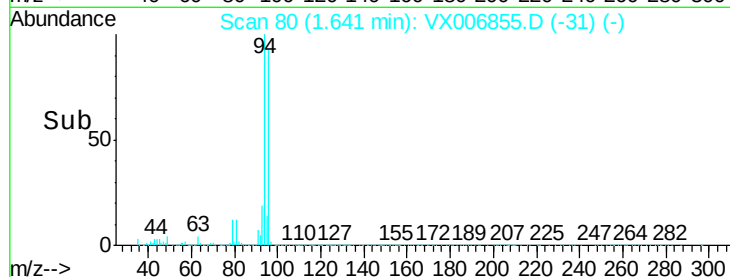
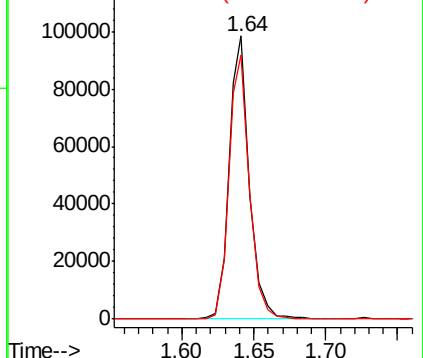
94 100

96 93.4 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.990 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006855.D

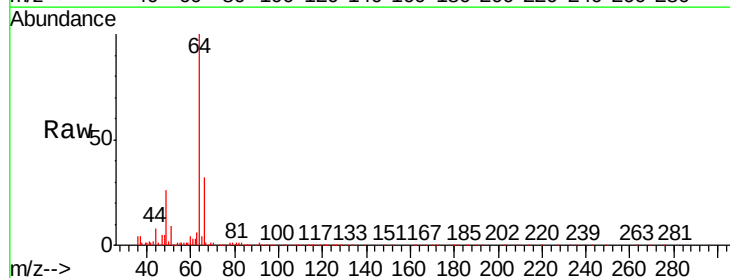
Acq: 28 Dec 2018 12:34

Tgt Ion: 64 Resp: 69140

Ion Ratio Lower Upper

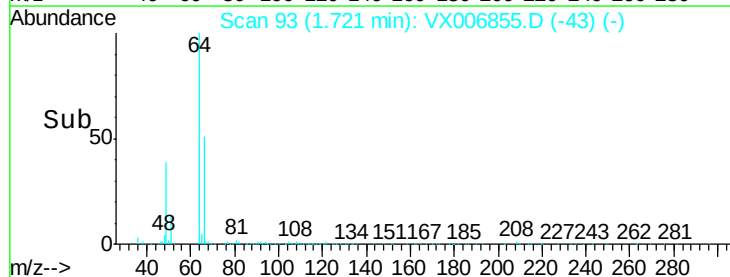
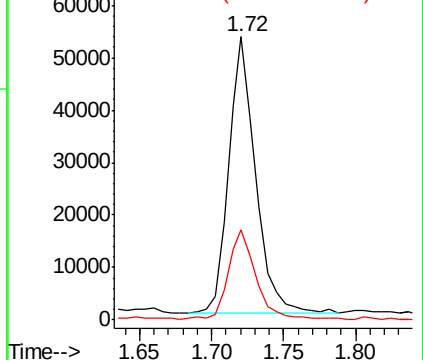
64 100

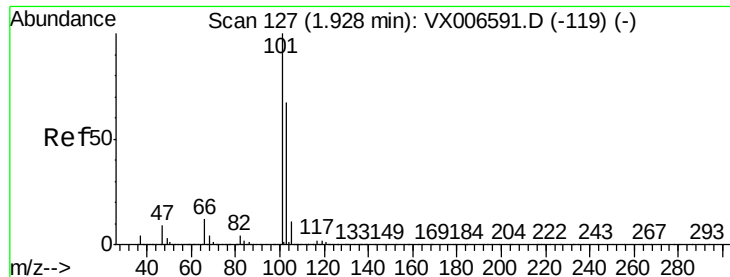
66 32.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



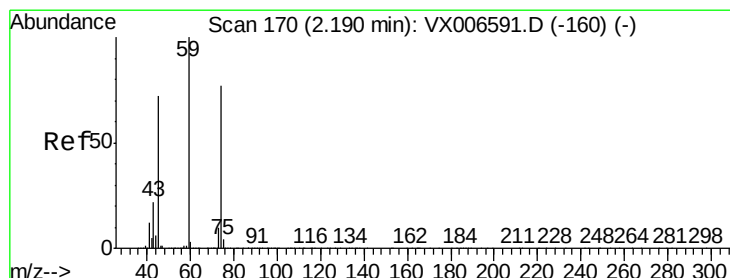
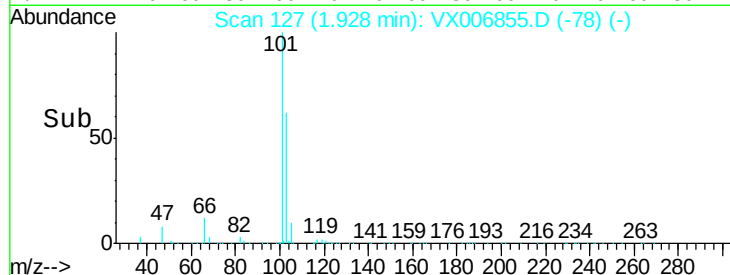
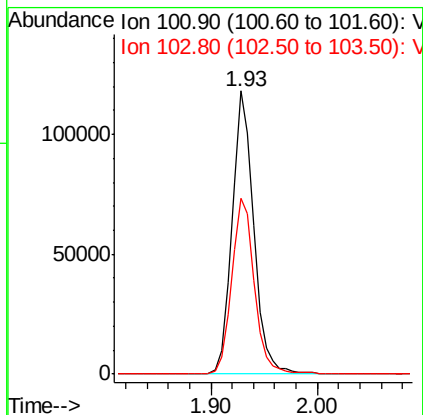
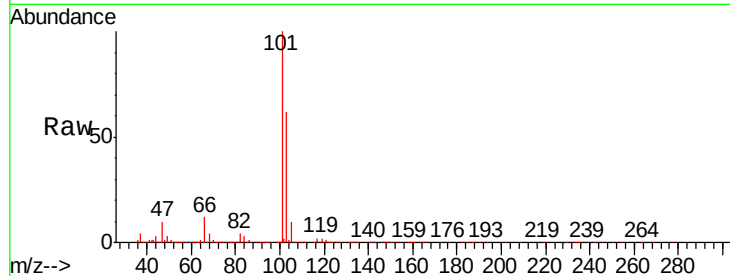


#7

Trichlorofluoromethane
Concen: 18.410 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

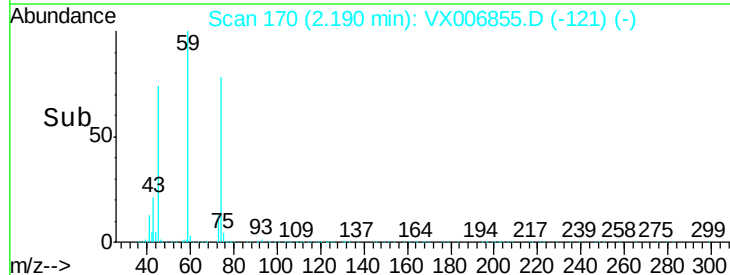
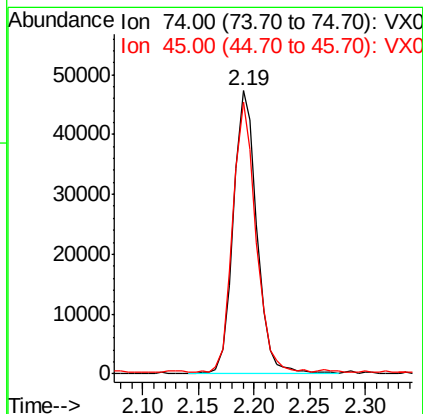
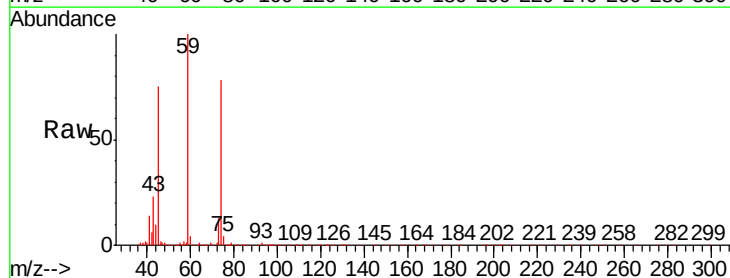
Tgt Ion:101 Resp: 168691
Ion Ratio Lower Upper
101 100
103 62.2 53.2 79.8

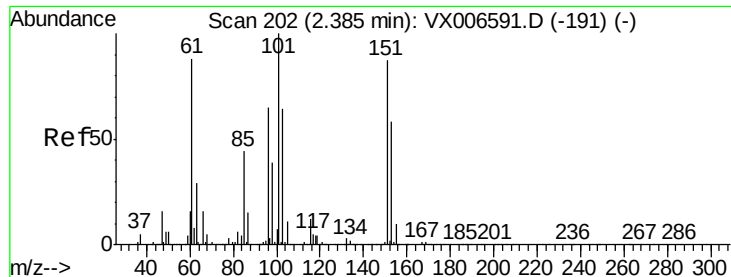


#8

Diethyl Ether
Concen: 18.910 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion: 74 Resp: 68821
Ion Ratio Lower Upper
74 100
45 94.3 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.620 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VX1228WBSD01

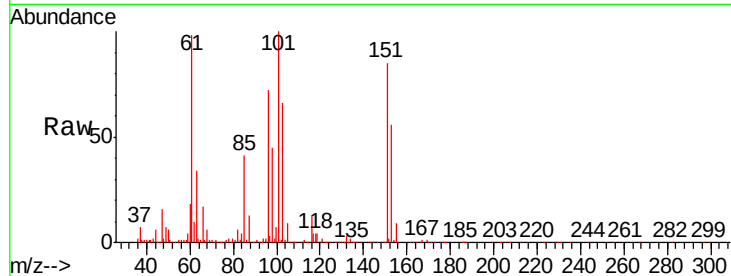
Tgt Ion:101 Resp: 100178

Ion Ratio Lower Upper

101 100

85 43.9 35.1 52.7

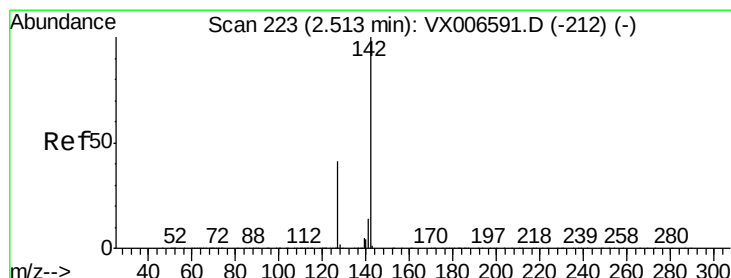
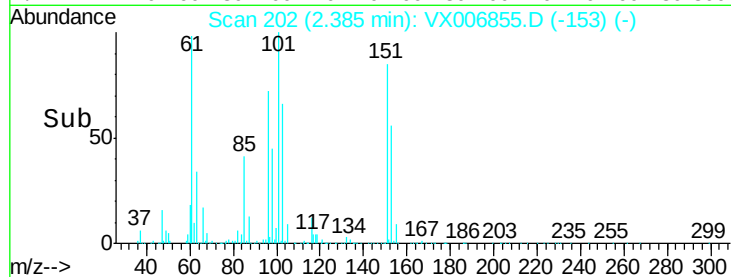
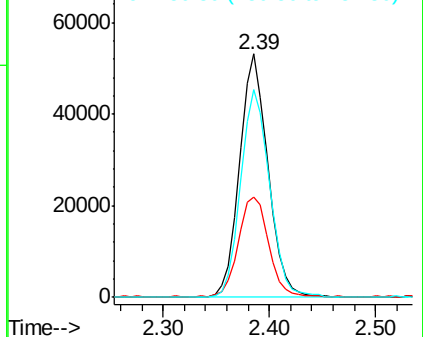
151 86.9 68.9 103.3



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: 17.369 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

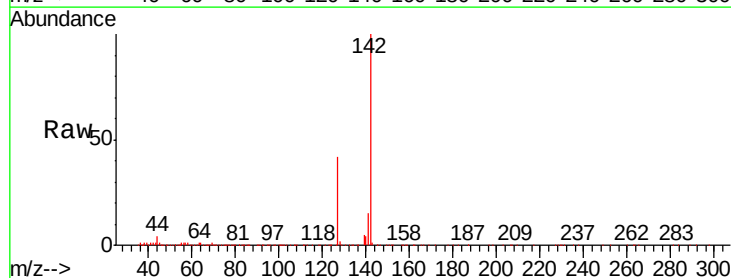
Tgt Ion:142 Resp: 133768

Ion Ratio Lower Upper

142 100

127 43.8 33.9 50.9

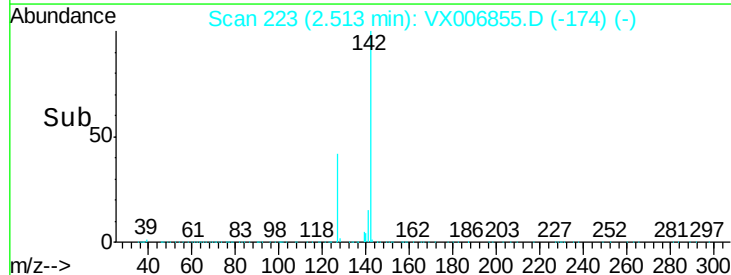
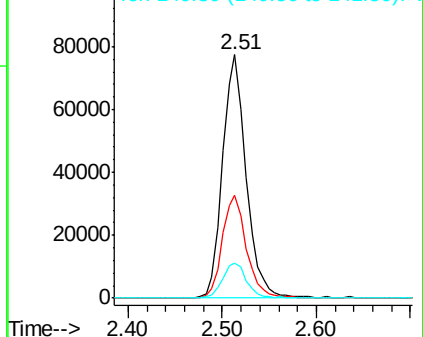
141 15.1 11.4 17.0

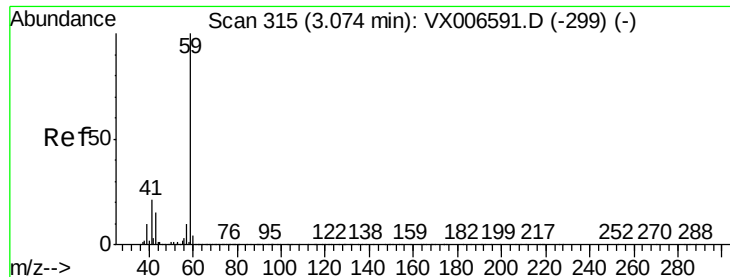


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



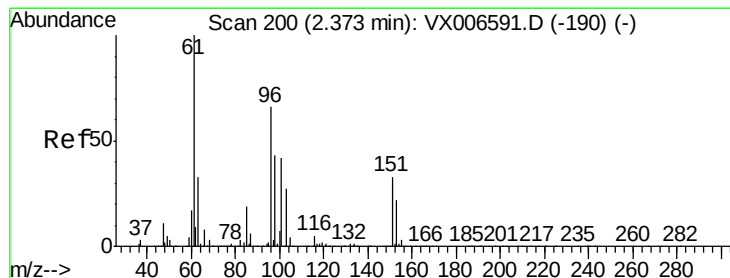
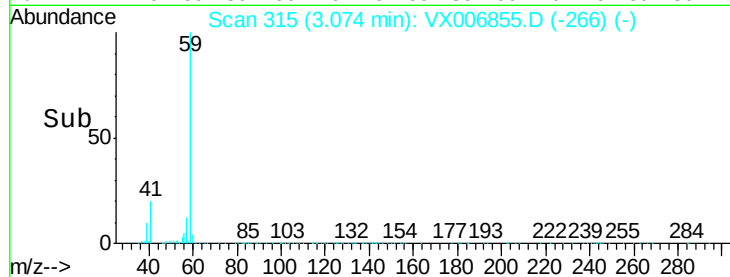
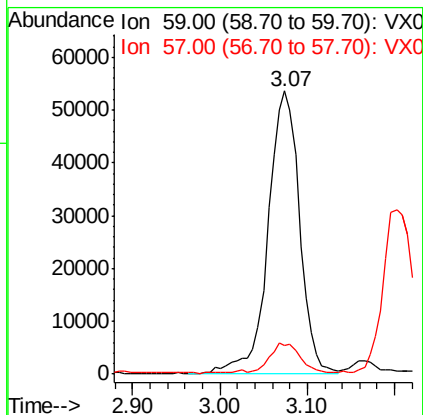
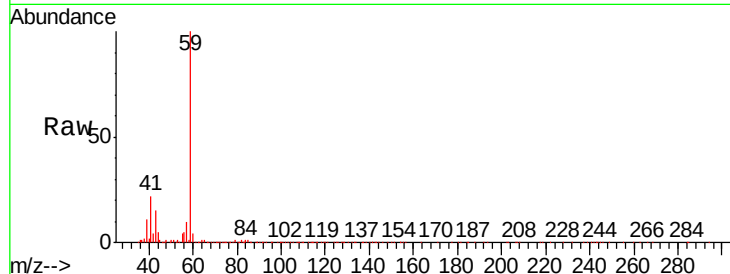


#11

Tert butyl alcohol
Concen: 97.404 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

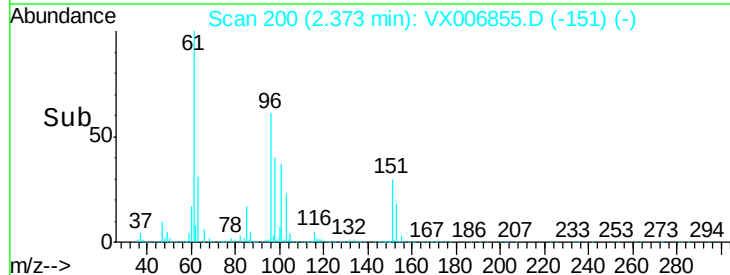
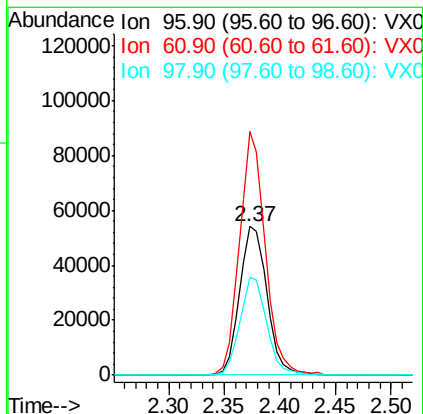
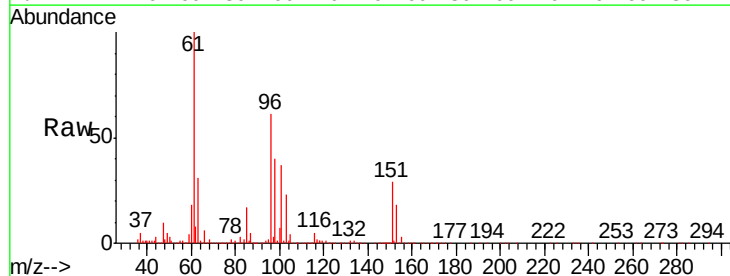
Tgt Ion: 59 Resp: 133765
Ion Ratio Lower Upper
59 100
57 9.5 8.5 12.7

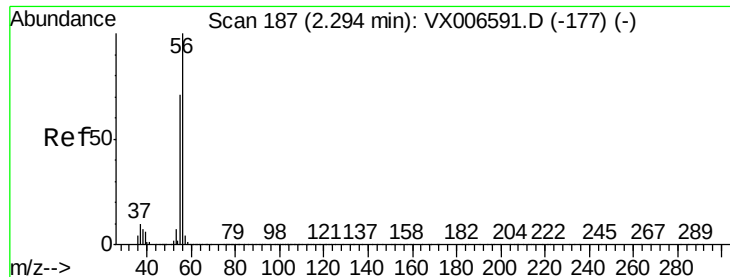


#12

1,1-Dichloroethene
Concen: 18.044 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion: 96 Resp: 92048
Ion Ratio Lower Upper
96 100
61 164.1 121.4 182.2
98 65.9 51.9 77.9





#13

Acrolein

Concen: 101.036 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

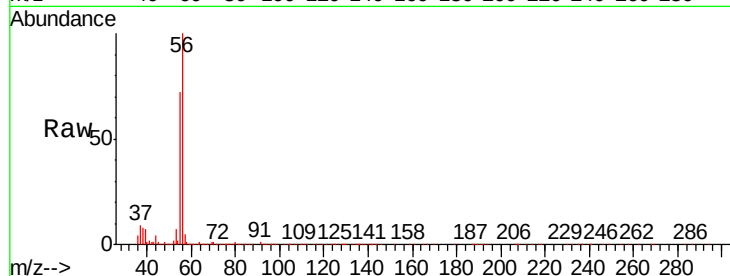
VX1228WBSD01

Tgt Ion: 56 Resp: 93604

Ion Ratio Lower Upper

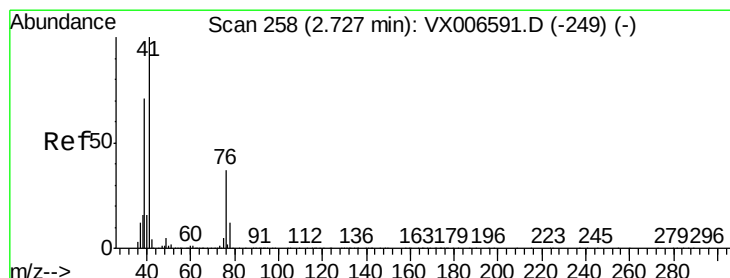
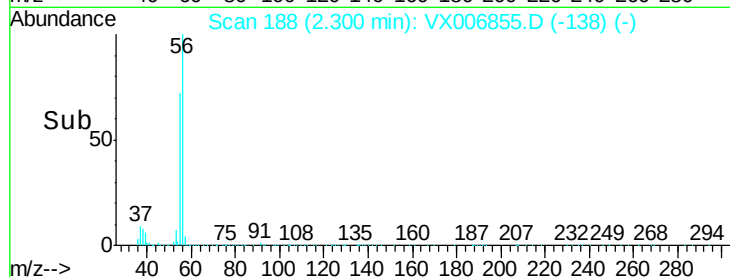
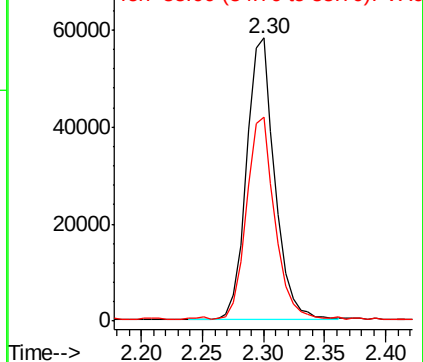
56 100

55 71.5 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.895 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

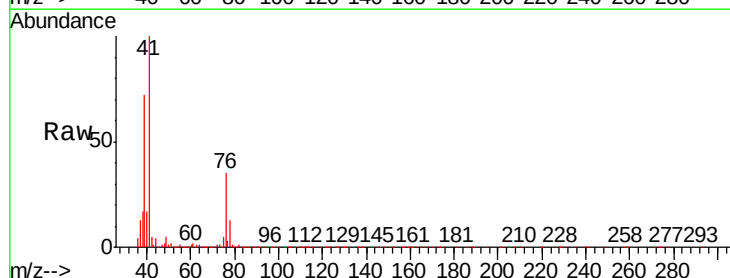
Tgt Ion: 41 Resp: 162249

Ion Ratio Lower Upper

41 100

39 66.2 53.6 80.4

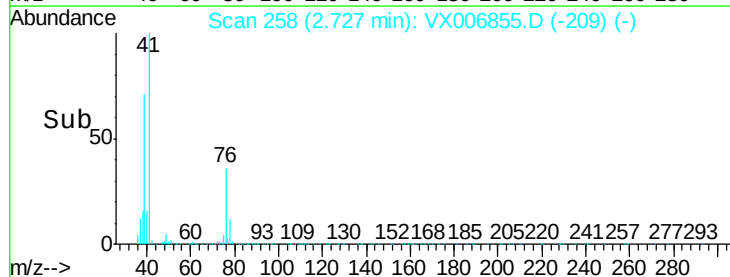
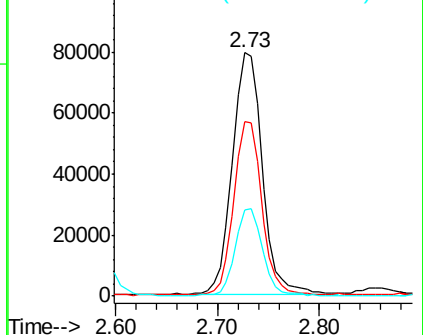
76 32.7 27.4 41.2

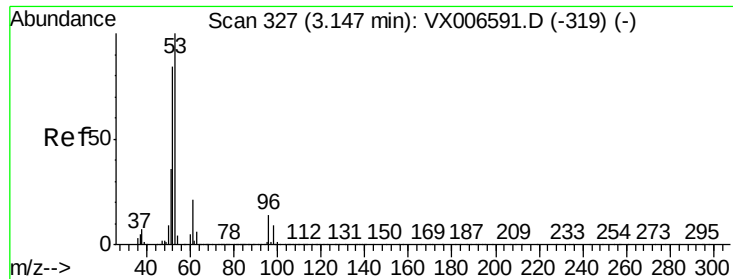


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 101.596 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

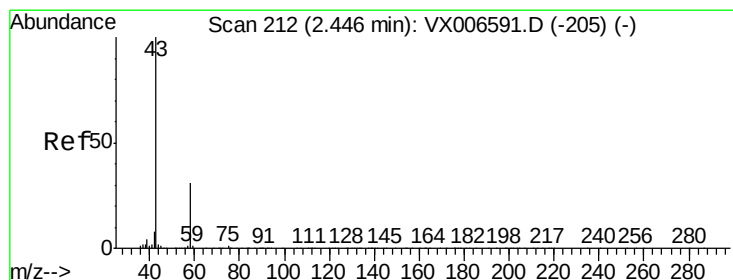
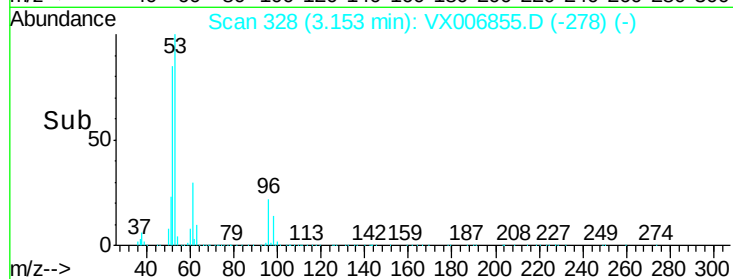
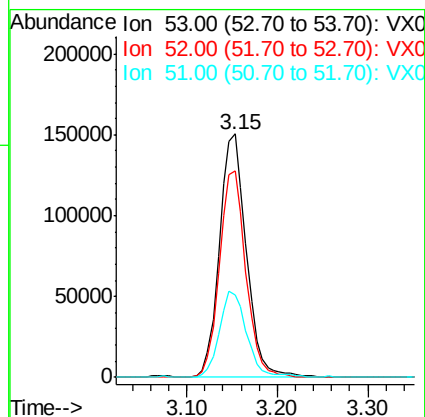
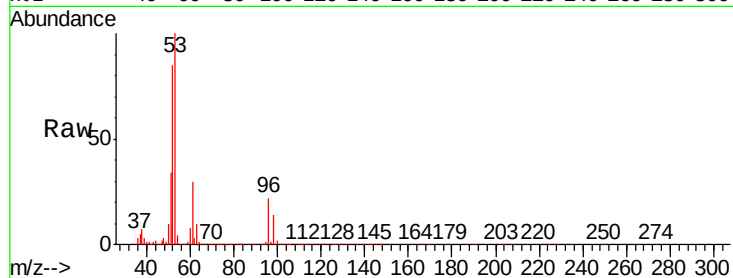
Tgt Ion: 53 Resp: 309783

Ion Ratio Lower Upper

53 100

52 83.8 66.0 99.0

51 35.8 28.6 42.8



#16

Acetone

Concen: 93.856 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006855.D

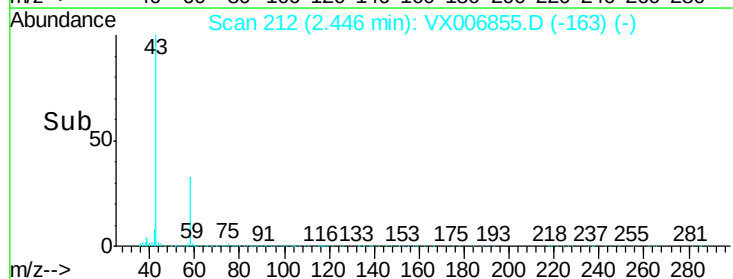
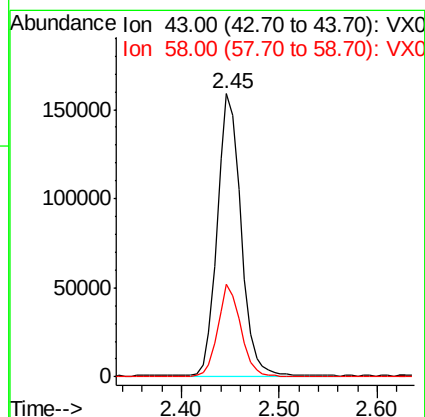
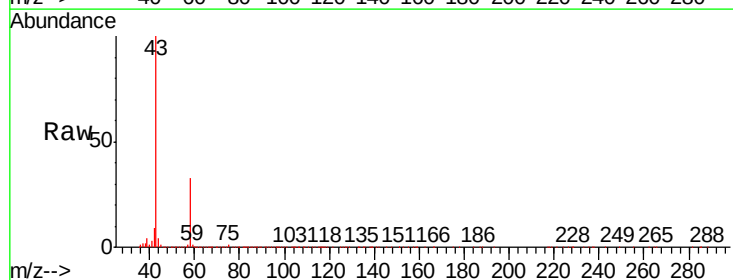
Acq: 28 Dec 2018 12:34

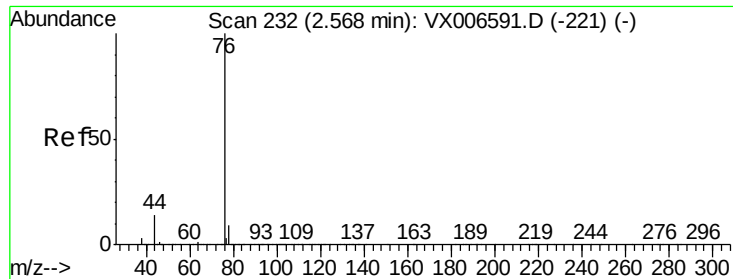
Tgt Ion: 43 Resp: 265344

Ion Ratio Lower Upper

43 100

58 32.8 25.0 37.6





#17

Carbon Disulfide

Concen: 14.101 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

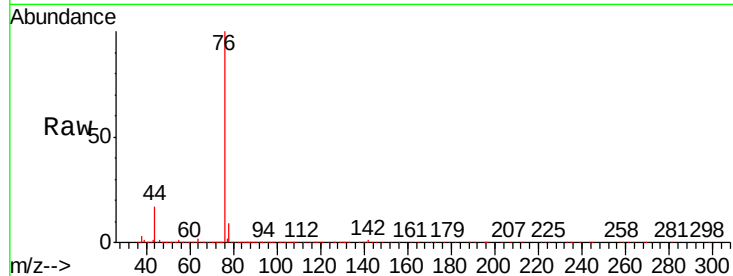
VX1228WBSD01

Tgt Ion: 76 Resp: 190366

Ion Ratio Lower Upper

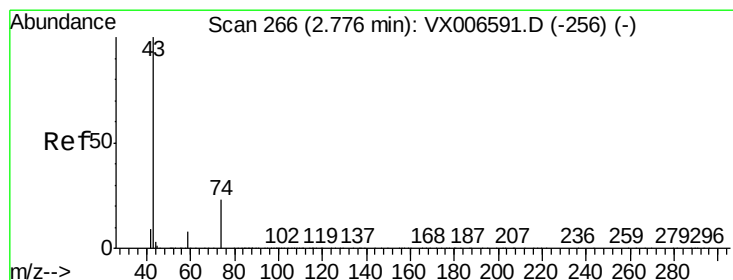
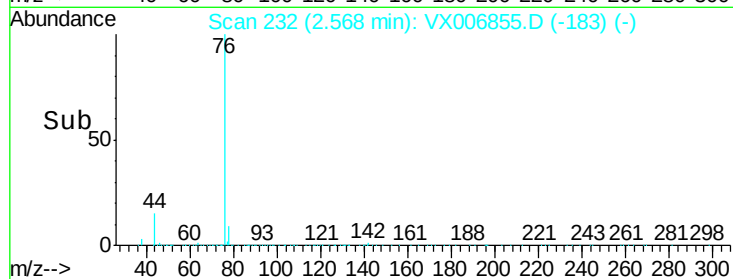
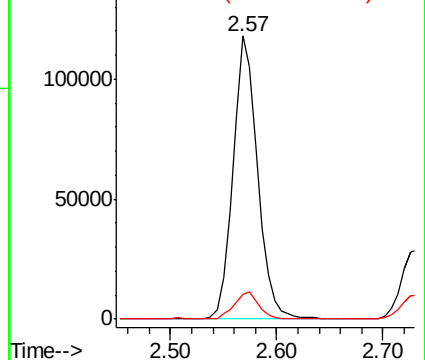
76 100

78 8.8 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: 23.281 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006855.D

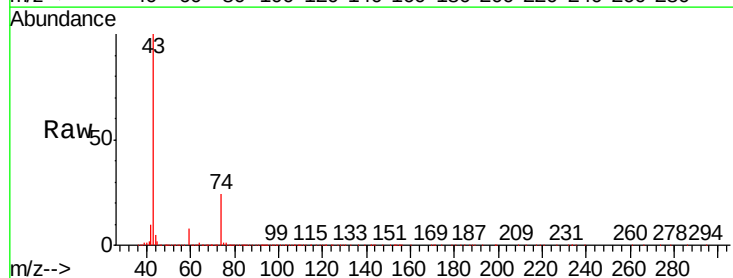
Acq: 28 Dec 2018 12:34

Tgt Ion: 43 Resp: 193537

Ion Ratio Lower Upper

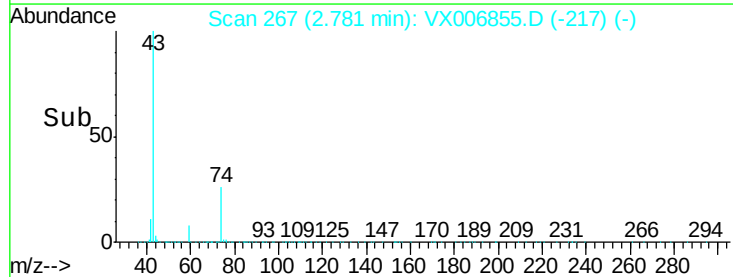
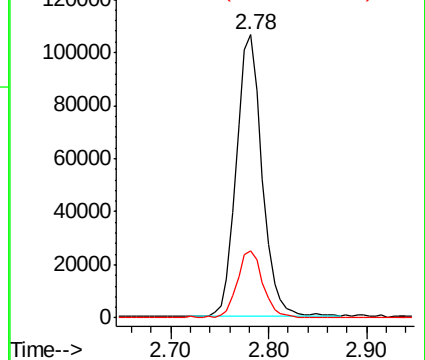
43 100

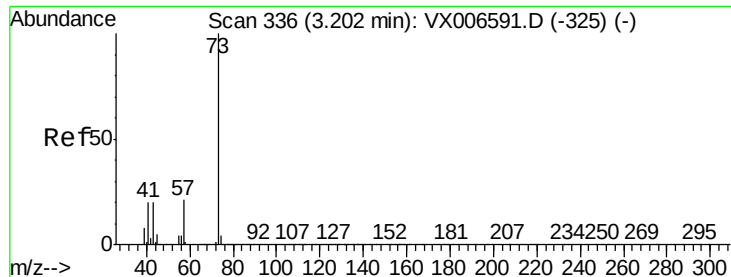
74 24.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



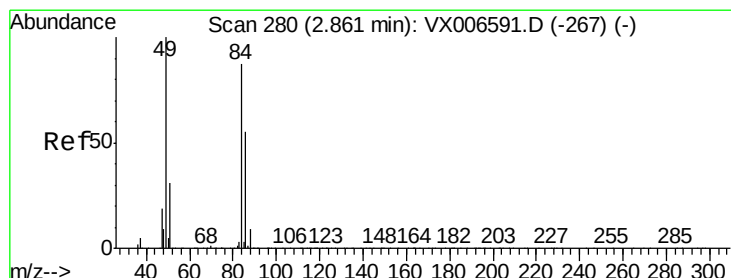
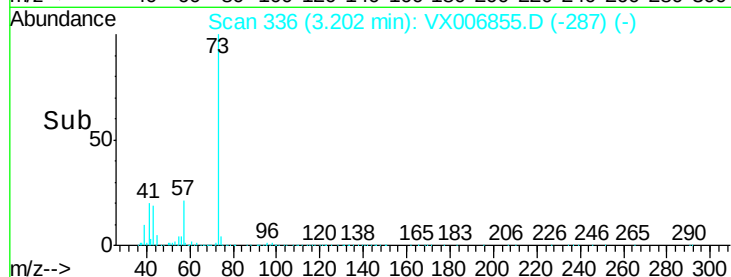
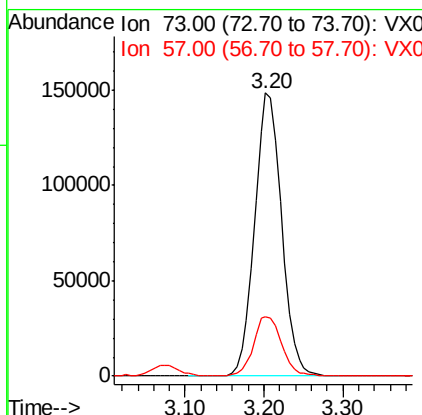
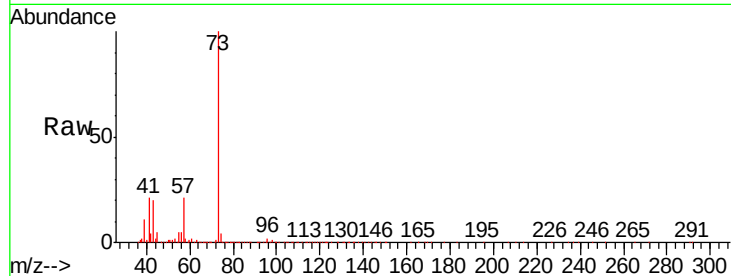


#19

Methyl tert-butyl Ether
 Concen: 20.869 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01

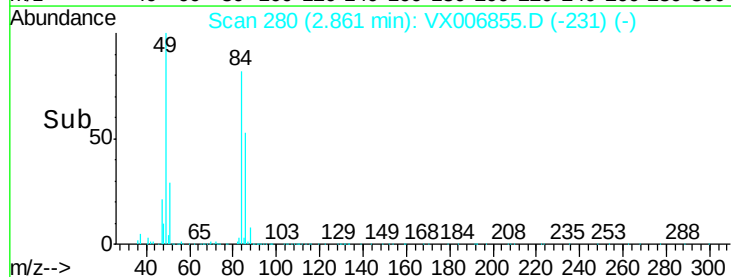
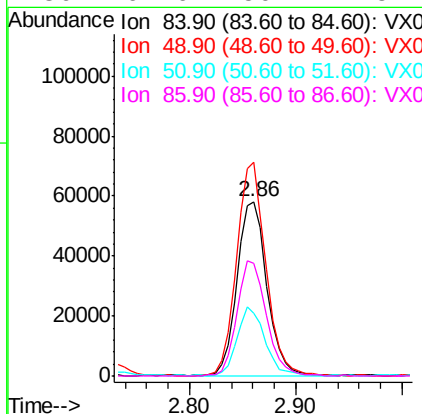
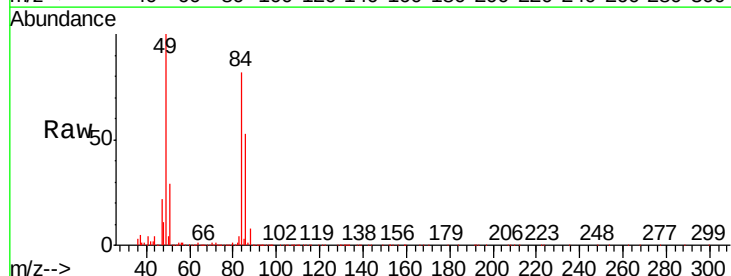
Tgt Ion: 73 Resp: 353341
 Ion Ratio Lower Upper
 73 100
 57 20.7 16.8 25.2

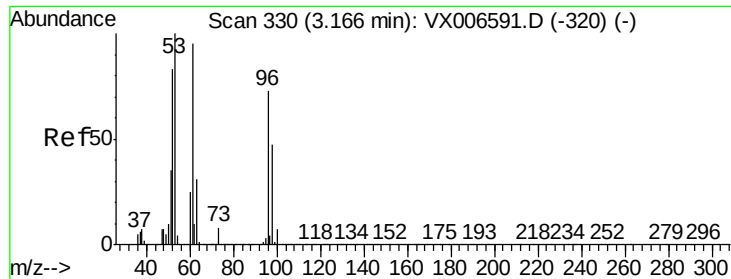


#20

Methylene Chloride
 Concen: 19.502 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Tgt Ion: 84 Resp: 114011
 Ion Ratio Lower Upper
 84 100
 49 122.9 91.8 137.6
 51 35.8 28.5 42.7
 86 64.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 17.972 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

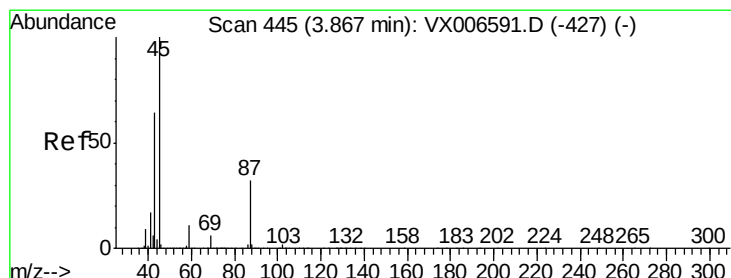
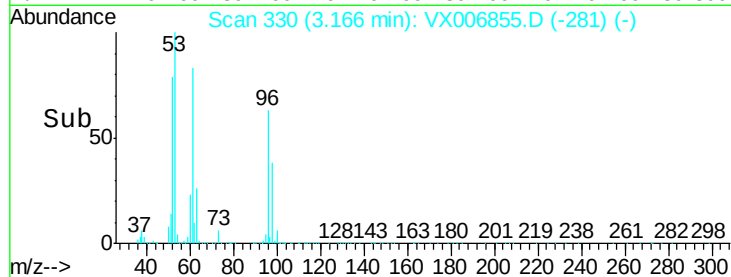
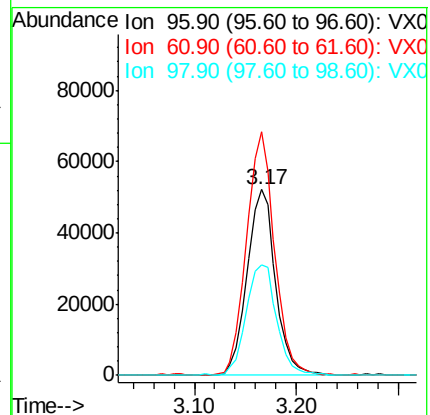
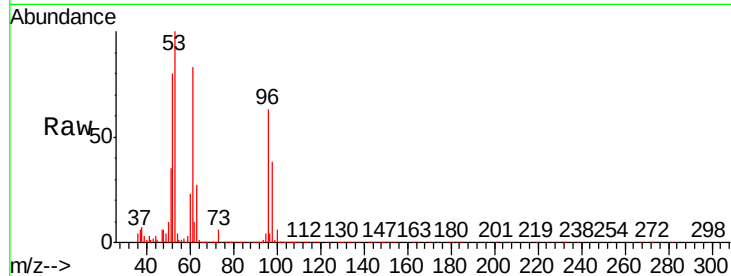
Tgt Ion: 96 Resp: 101582

Ion Ratio Lower Upper

96 100

61 130.8 103.7 155.5

98 59.6 51.0 76.6



#22

Diisopropyl ether

Concen: 20.451 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Tgt Ion: 45 Resp: 321270

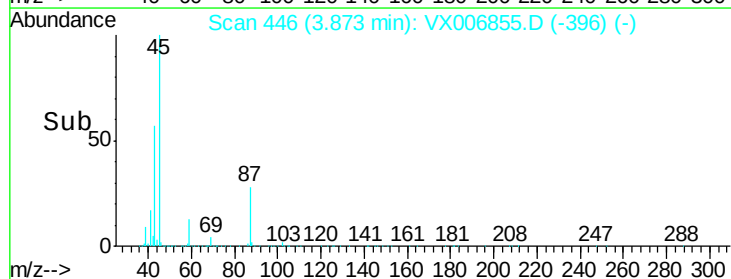
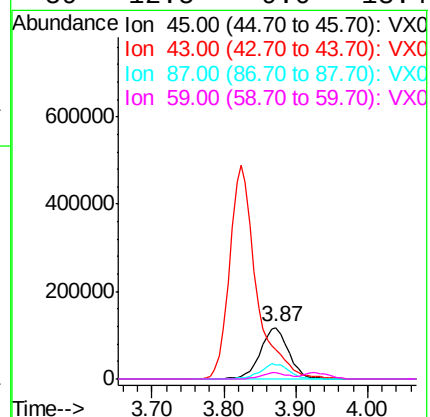
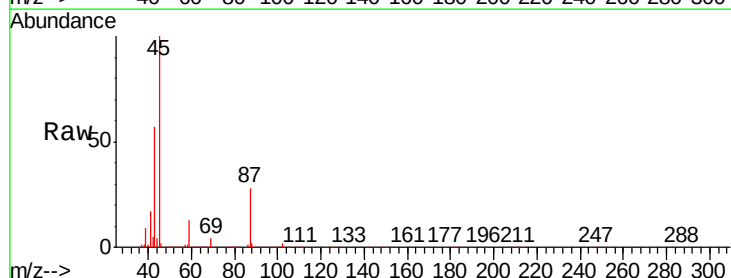
Ion Ratio Lower Upper

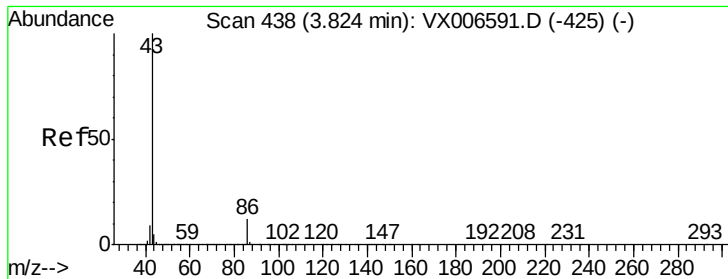
45 100

43 56.4 51.2 76.8

87 28.0 25.8 38.6

59 12.5 9.0 13.4





#23

Vinyl Acetate

Concen: 98.542 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

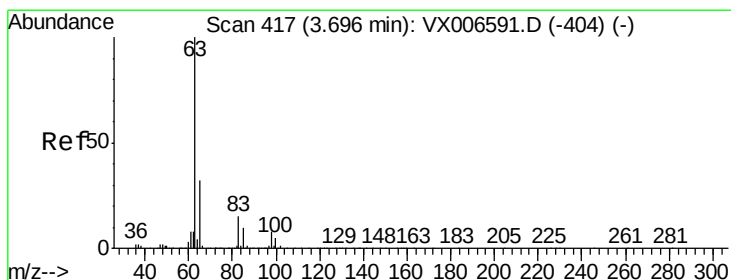
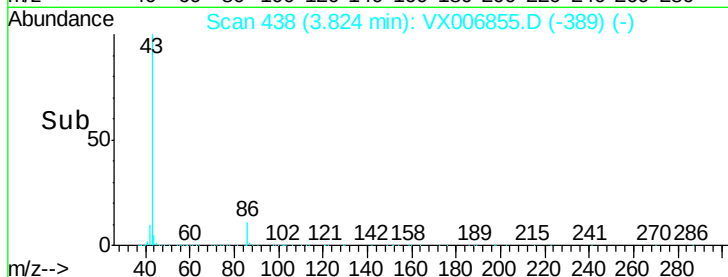
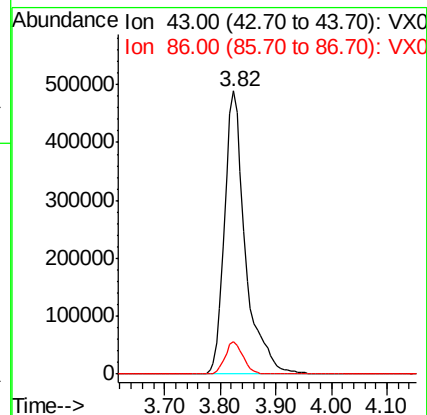
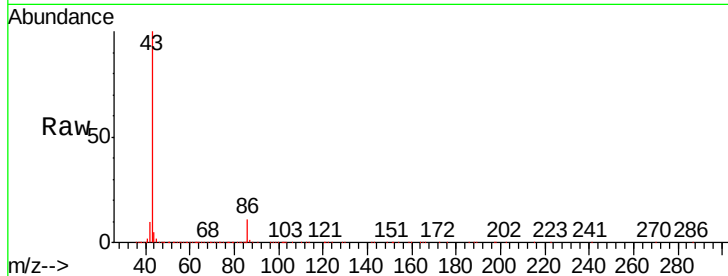
VX1228WBSD01

Tgt Ion: 43 Resp: 1266211

Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8



#24

1,1-Dichloroethane

Concen: 18.576 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

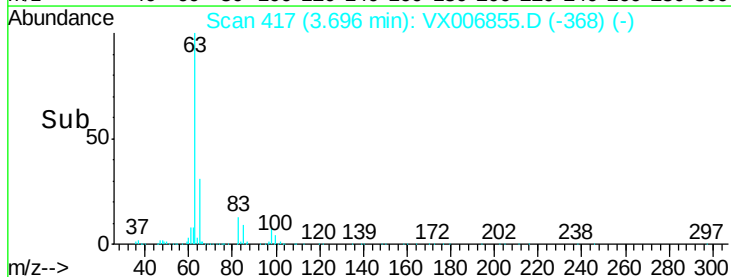
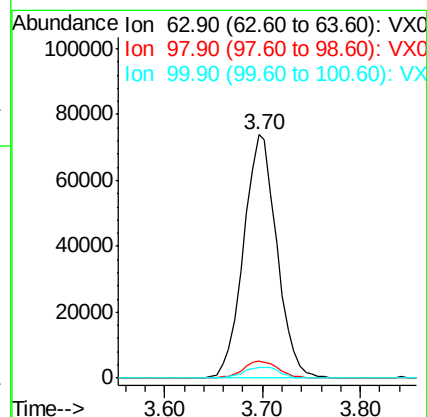
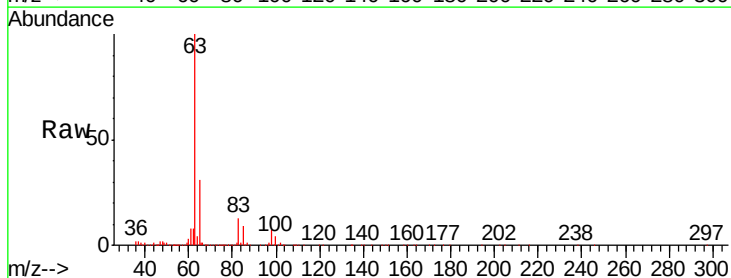
Tgt Ion: 63 Resp: 174194

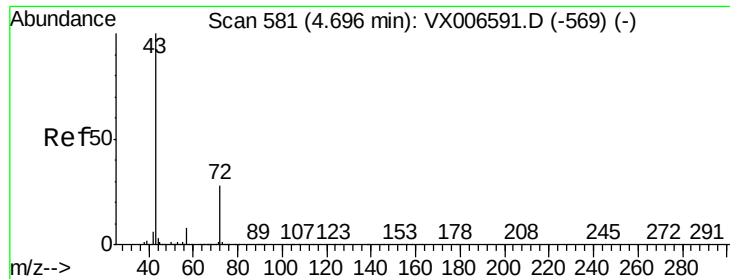
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.3 2.4 7.2

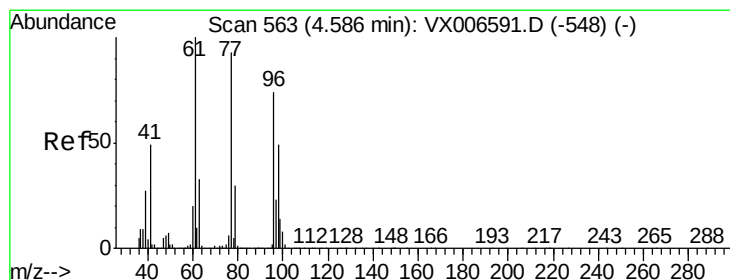
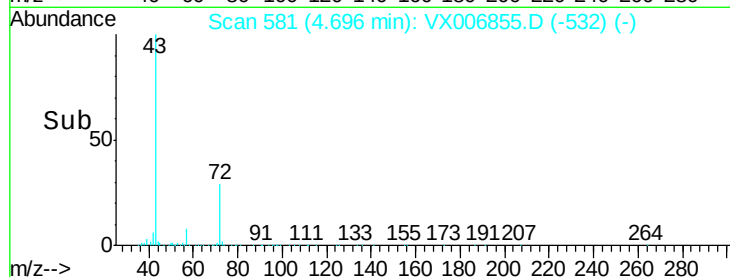
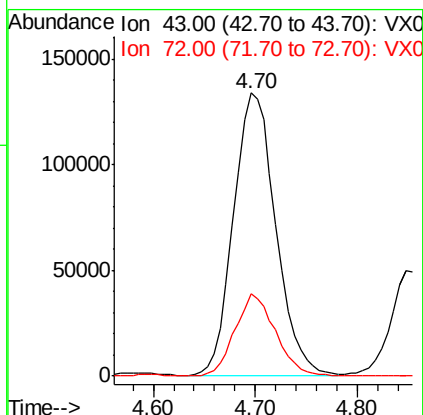
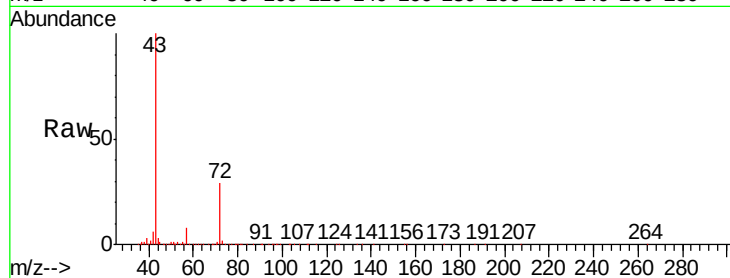




#25
2-Butanone
Concen: 96.492 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

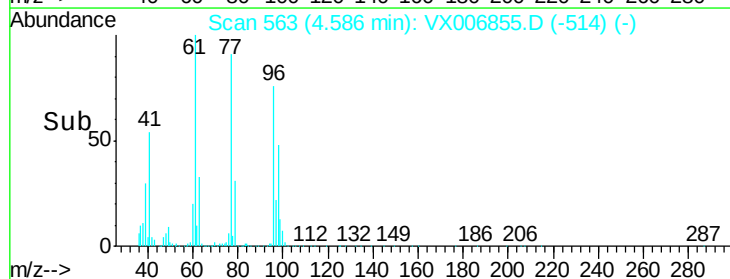
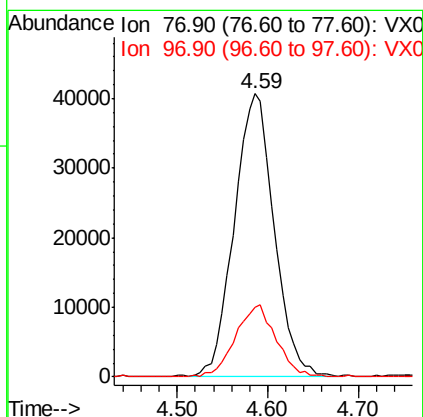
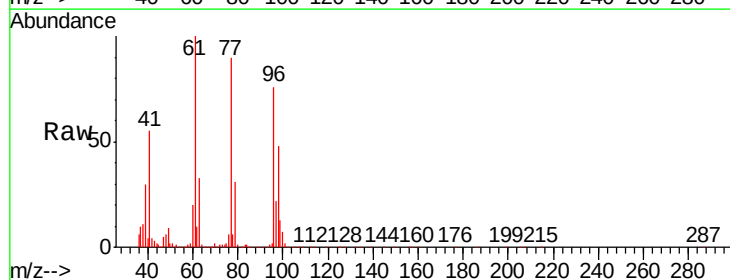
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

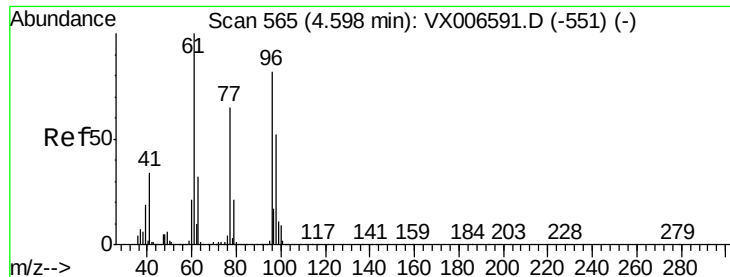
Tgt Ion: 43 Resp: 383722
Ion Ratio Lower Upper
43 100
72 29.3 22.4 33.6



#26
2,2-Dichloropropane
Concen: 16.986 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion: 77 Resp: 123040
Ion Ratio Lower Upper
77 100
97 26.2 12.4 37.4



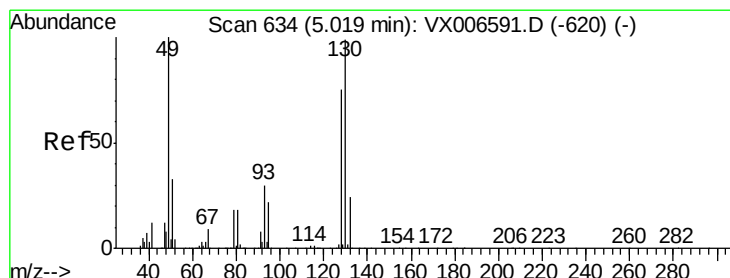
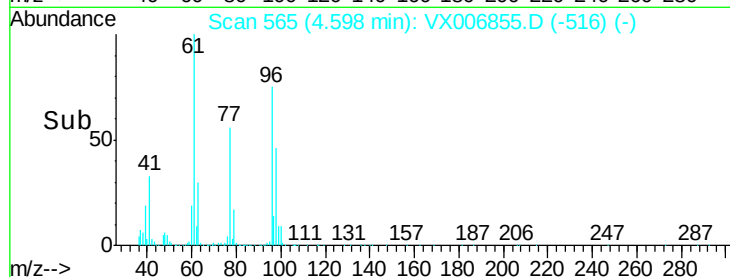
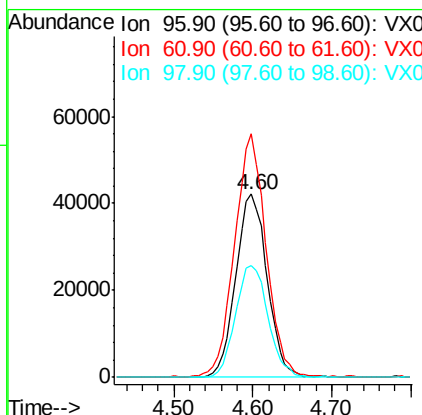
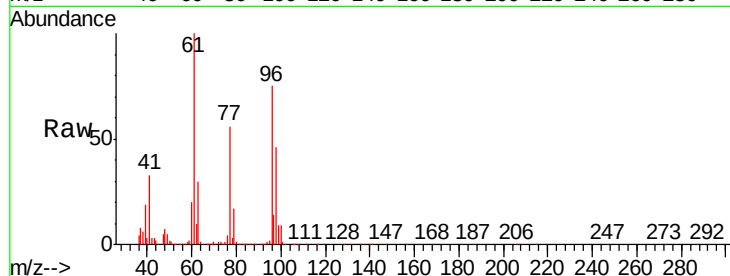


#27

cis-1,2-Dichloroethene
Concen: 18.757 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampled :
VX1228WBSD01

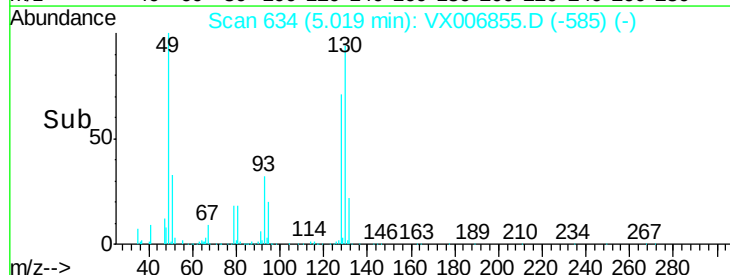
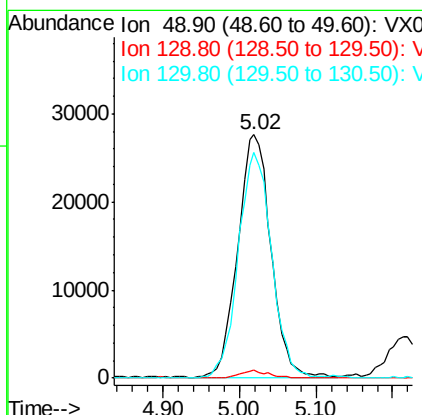
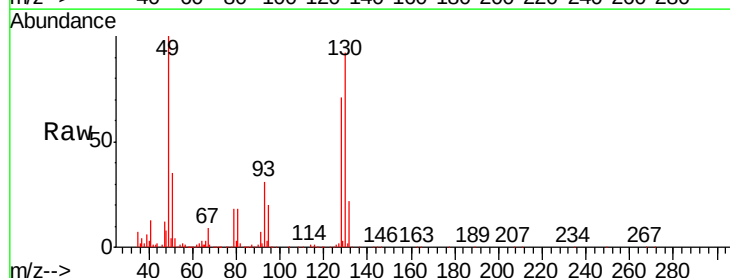
Tgt Ion: 96 Resp: 116973
Ion Ratio Lower Upper
96 100
61 132.3 0.0 258.6
98 63.6 0.0 132.0

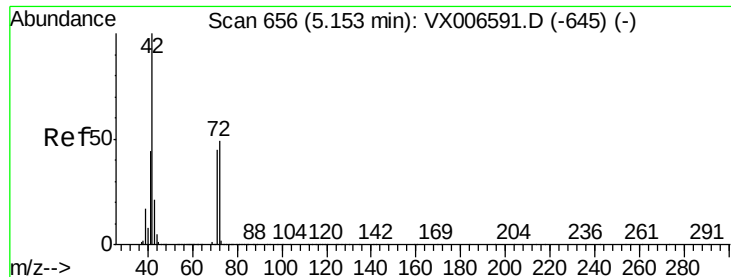


#28

Bromochloromethane
Concen: 20.125 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion: 49 Resp: 83934
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.4
130 92.5 77.7 116.5





#29

Tetrahydrofuran

Concen: 96.799 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

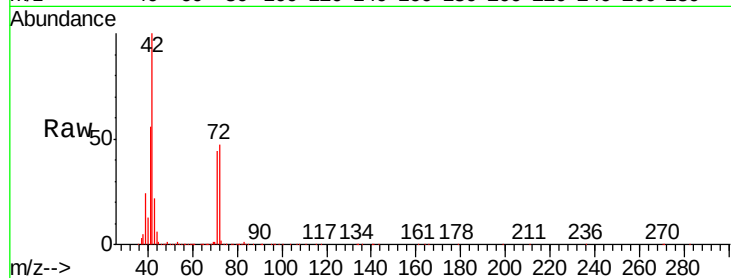
Tgt Ion: 42 Resp: 253535

Ion Ratio Lower Upper

42 100

72 48.7 38.9 58.3

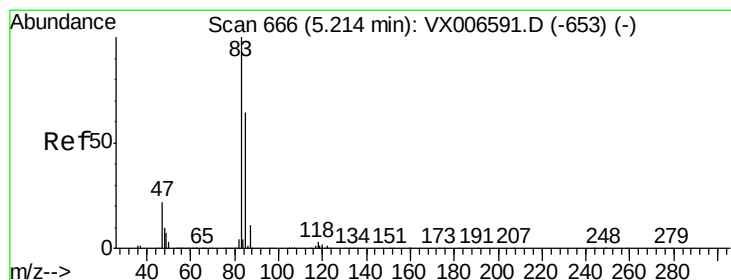
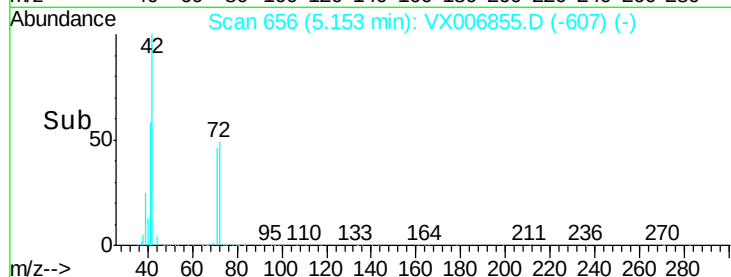
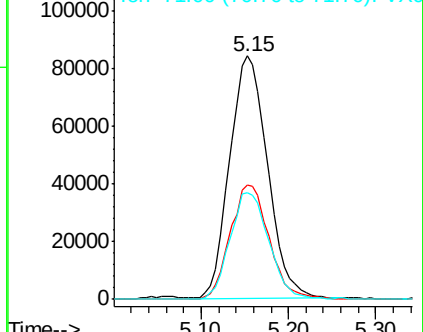
71 44.9 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.186 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006855.D

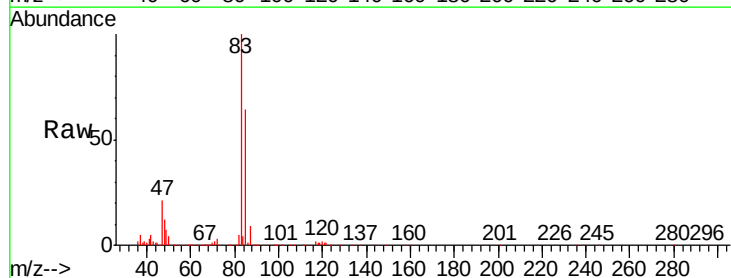
Acq: 28 Dec 2018 12:34

Tgt Ion: 83 Resp: 186316

Ion Ratio Lower Upper

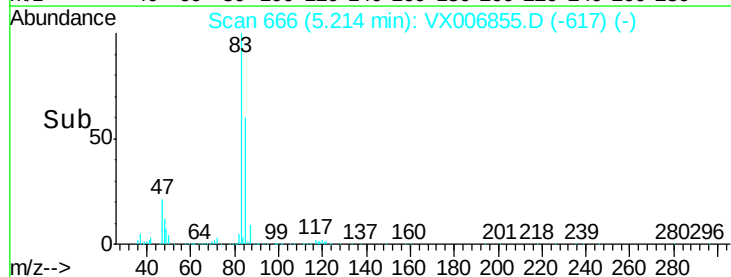
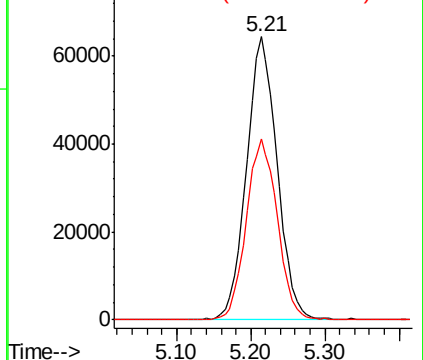
83 100

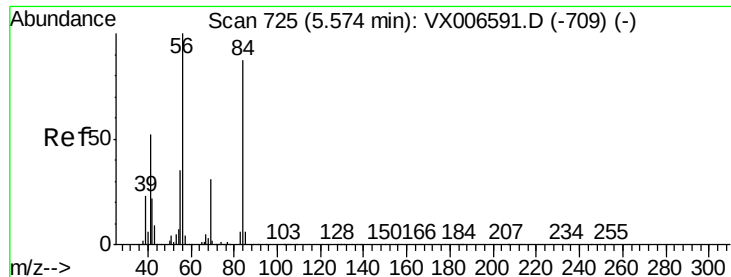
85 63.8 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

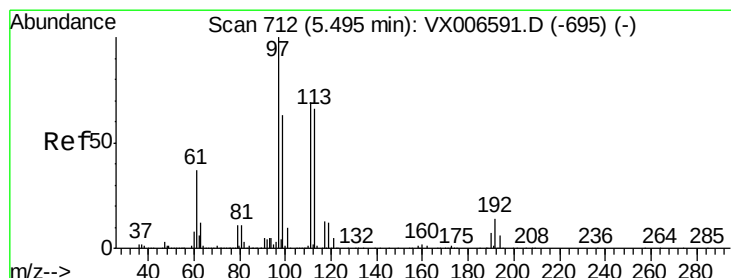
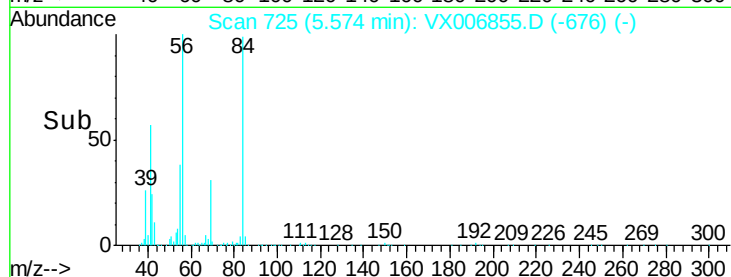
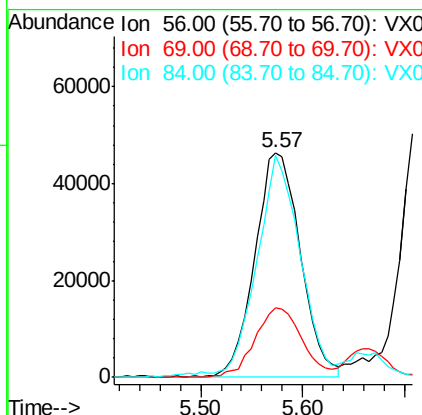
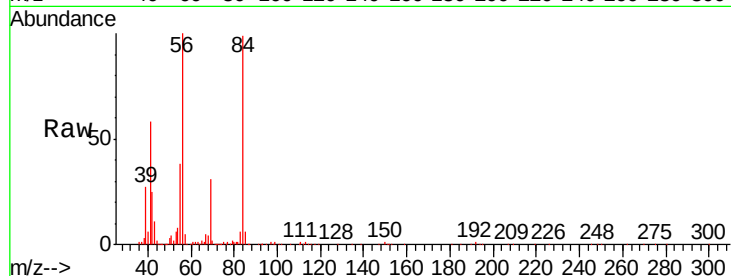




#31
Cyclohexane
Concen: 16.774 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

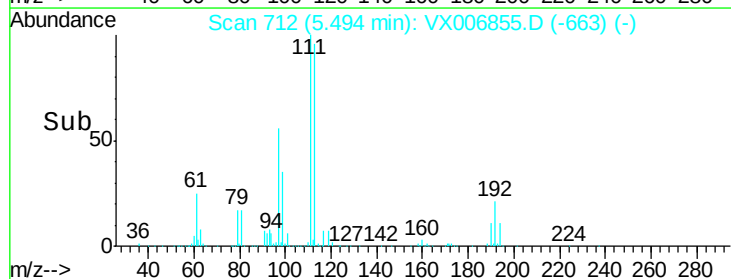
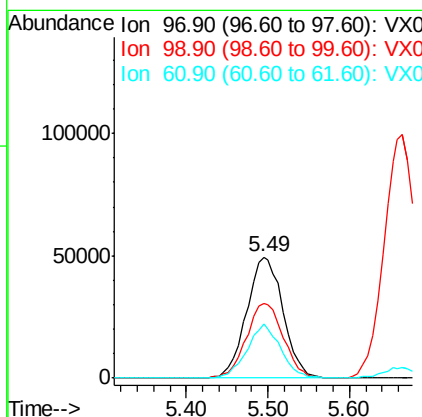
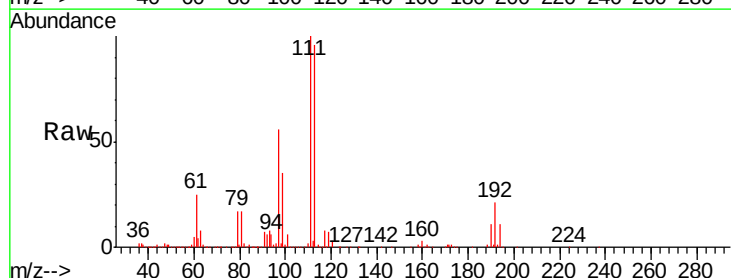
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

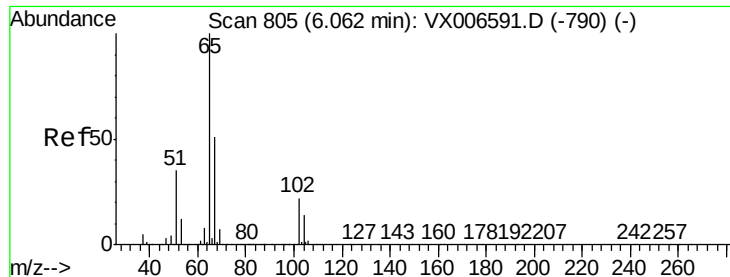
Tgt Ion: 56 Resp: 142905
Ion Ratio Lower Upper
56 100
69 30.9 24.4 36.6
84 97.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.748 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion: 97 Resp: 153729
Ion Ratio Lower Upper
97 100
99 62.7 51.7 77.5
61 41.1 31.3 46.9

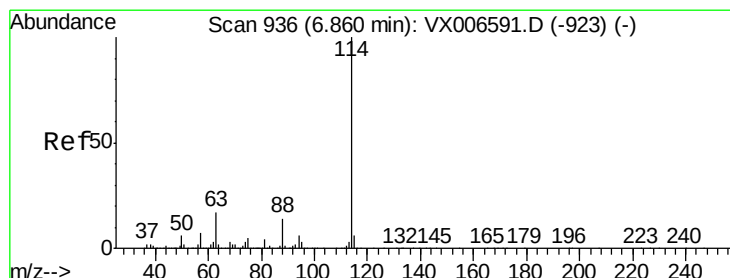
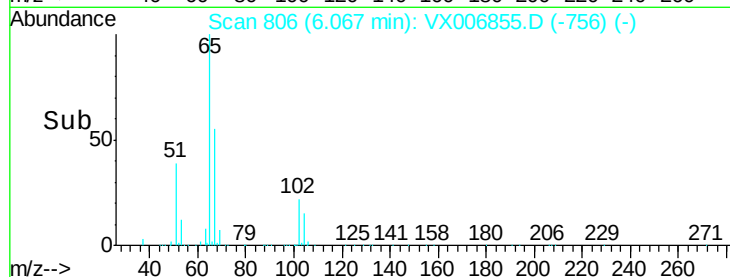
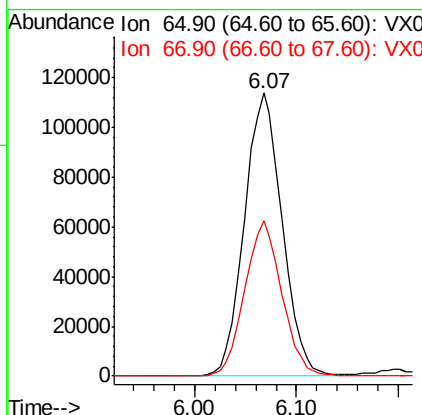
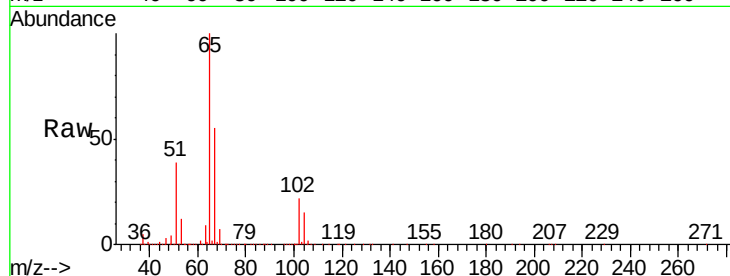




#33
 1,2-Dichloroethane-d4
 Concen: 47.610 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

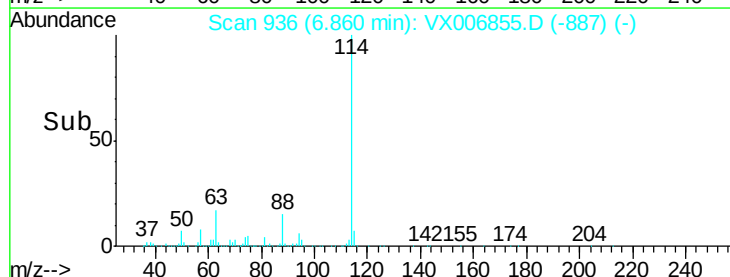
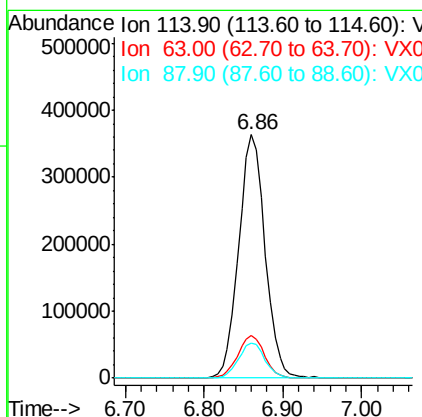
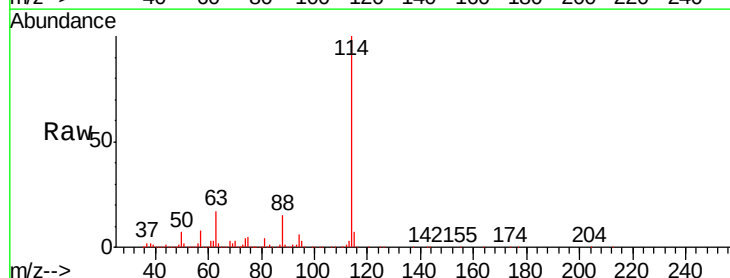
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01

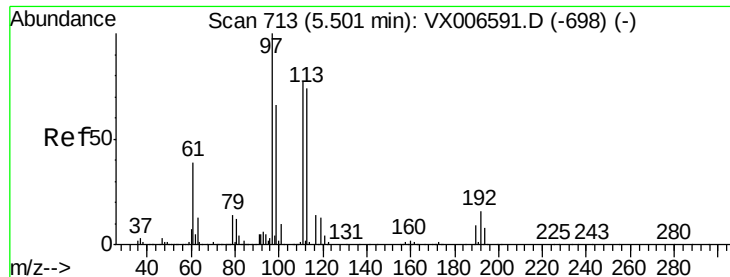
Tgt Ion: 65 Resp: 292971
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Tgt Ion: 114 Resp: 846997
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.8
 88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.416 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

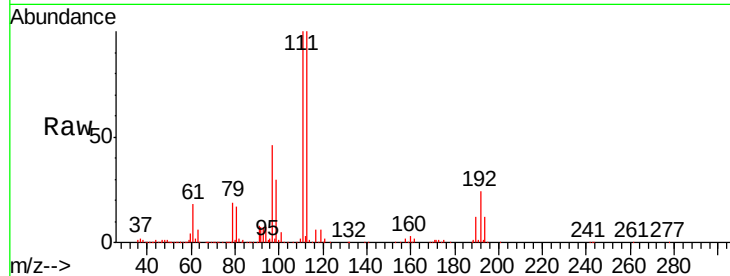
Tgt Ion:113 Resp: 264684

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

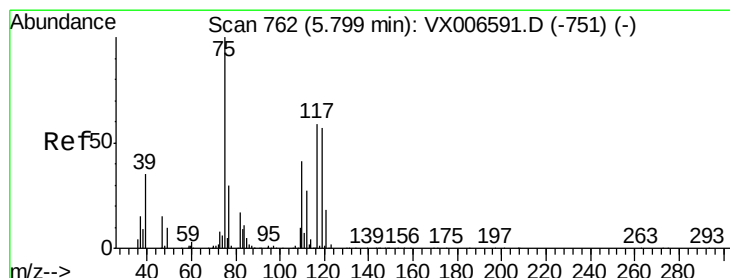
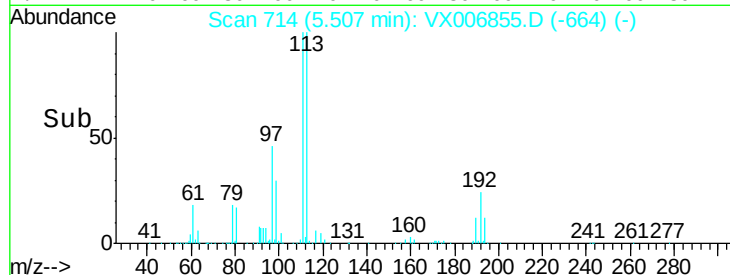
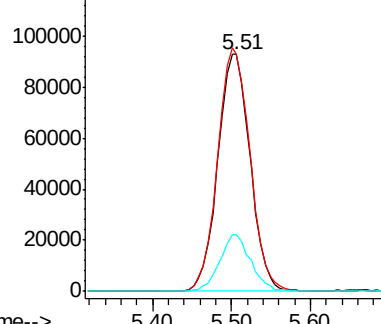
192 23.0 16.7 25.1



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: 18.124 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

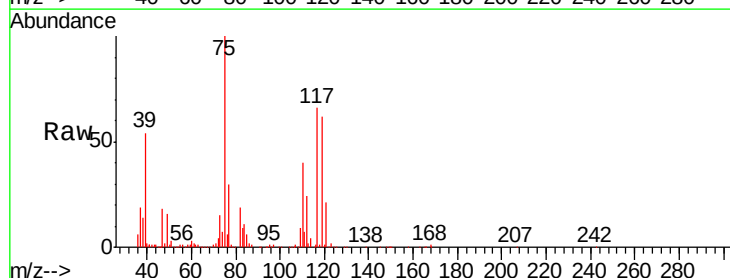
Tgt Ion: 75 Resp: 127138

Ion Ratio Lower Upper

75 100

110 40.5 20.2 60.5

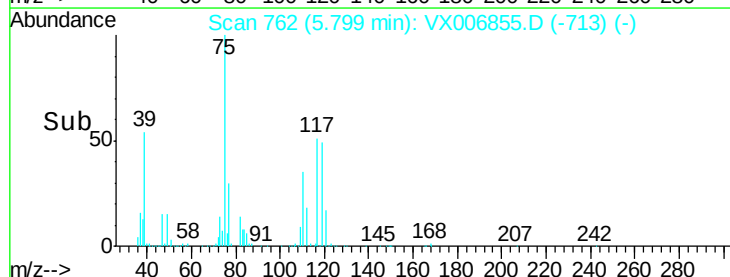
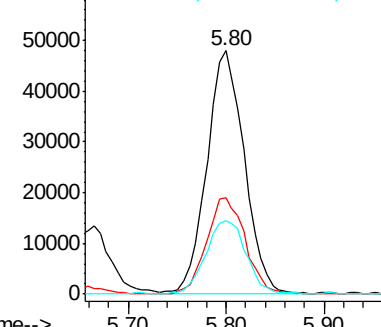
77 32.8 24.8 37.2

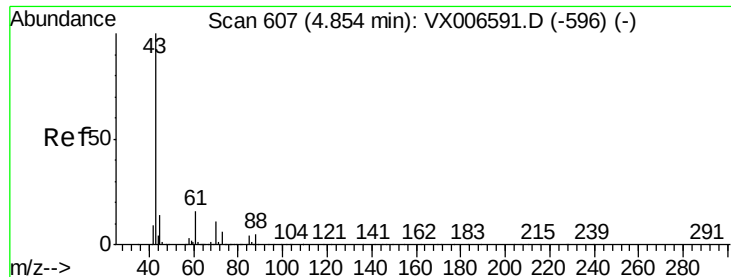


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

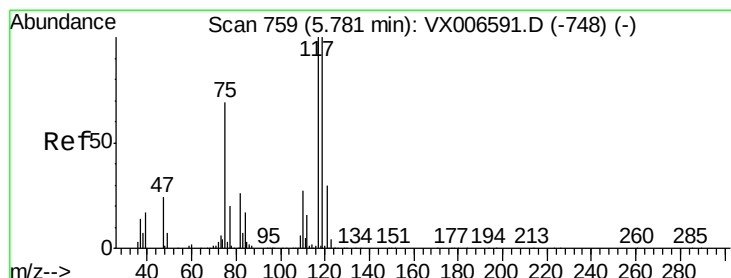
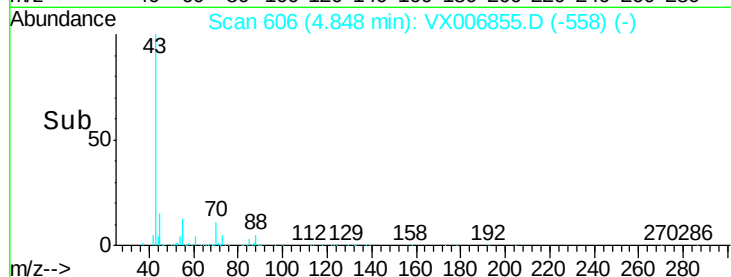
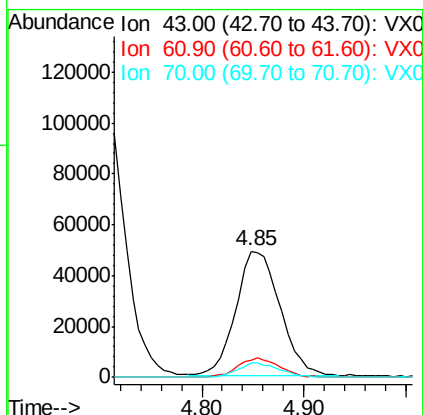
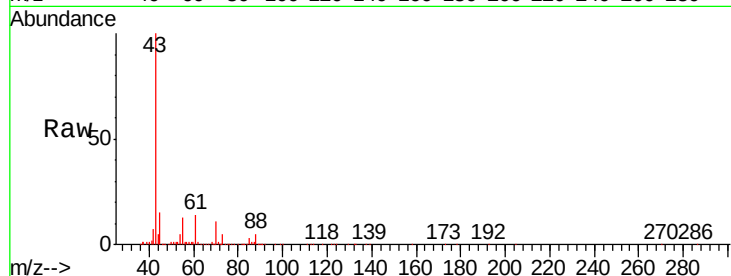




#37
 Ethyl Acetate
 Concen: 20.157 ug/l
 RT: 4.85 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

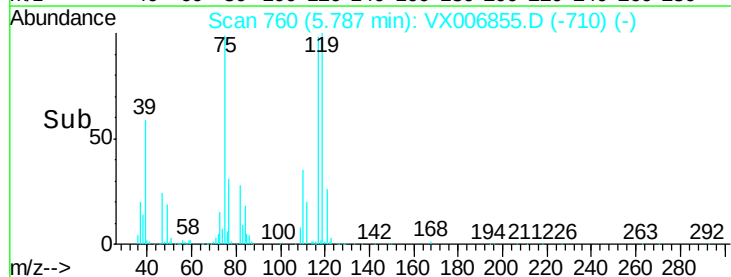
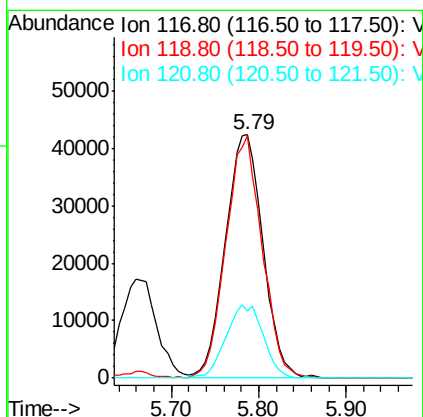
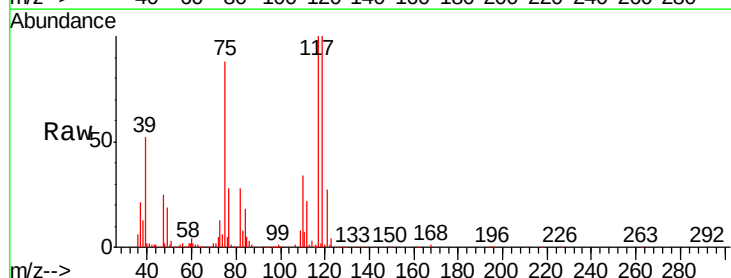
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01

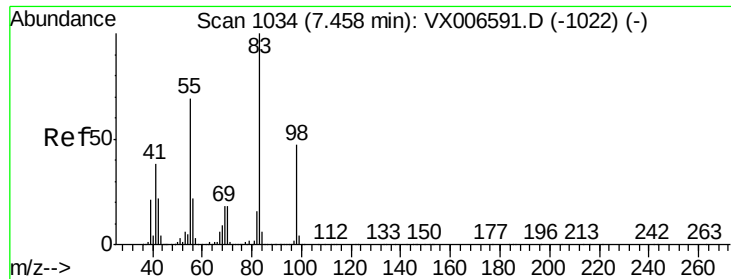
Tgt Ion: 43 Resp: 147178
 Ion Ratio Lower Upper
 43 100
 61 14.4 11.9 17.9
 70 10.7 9.7 14.5



#38
 Carbon Tetrachloride
 Concen: 18.598 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Tgt Ion: 117 Resp: 126794
 Ion Ratio Lower Upper
 117 100
 119 99.7 79.4 119.2
 121 27.4 24.0 36.0

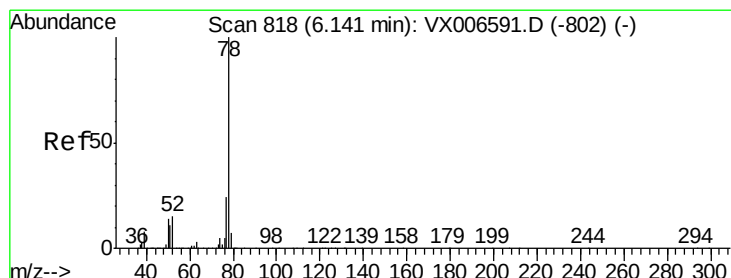
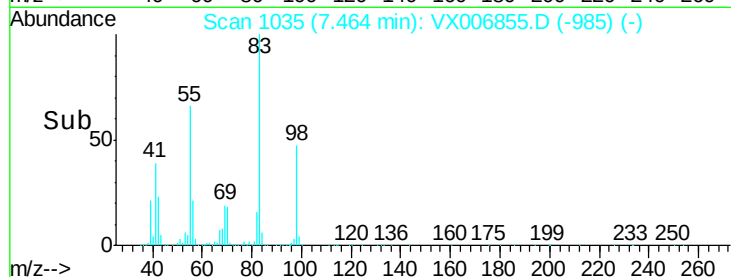
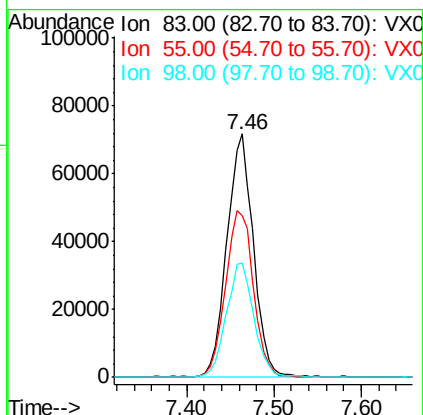
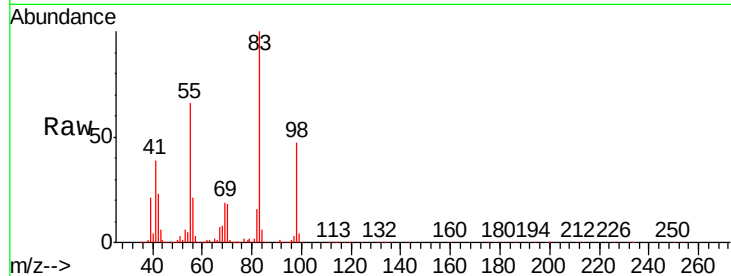




#39
Methylcyclohexane
Concen: 16.409 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

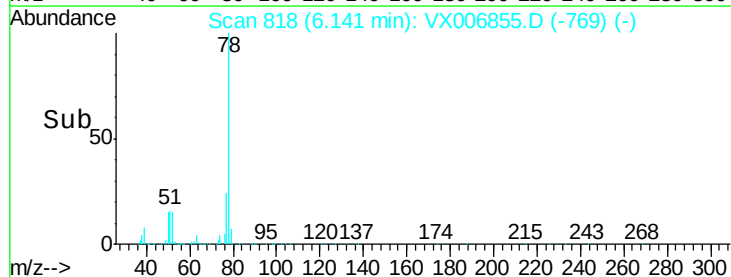
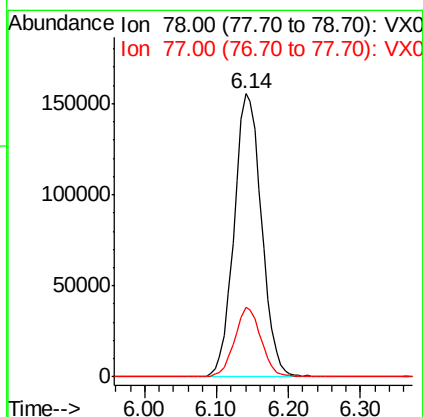
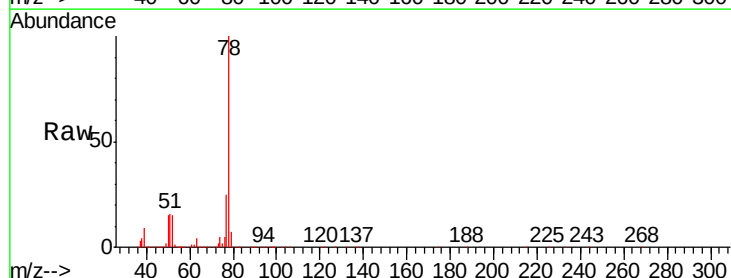
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

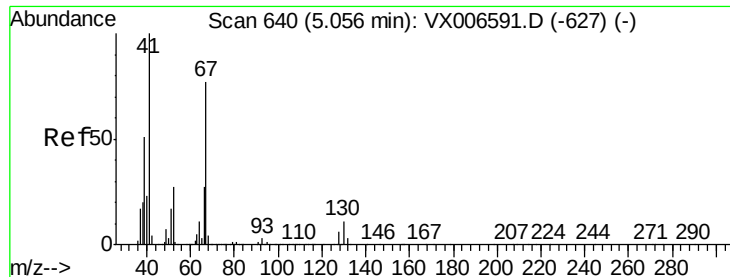
Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.3	54.9	82.3
98	46.9	37.9	56.9



#40
Benzene
Concen: 19.301 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.2	28.8

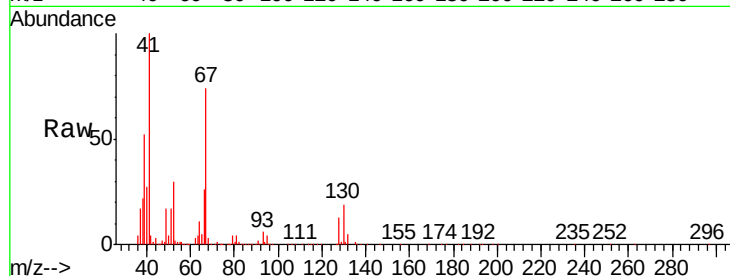




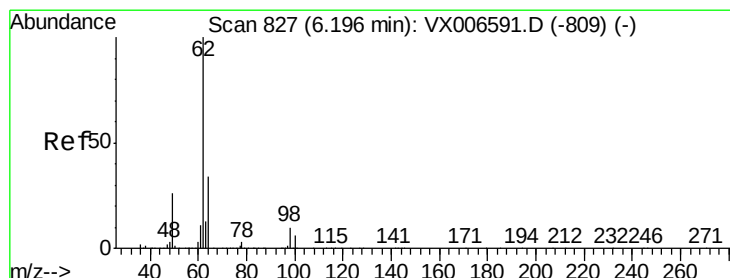
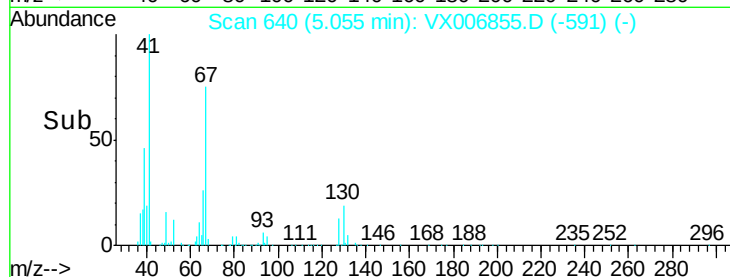
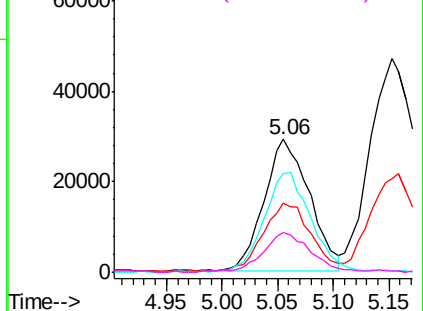
#41
Methacrylonitrile
Concen: 21.374 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampled :
VX1228WBSD01

Tgt Ion:	41	Resp:	82855
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.8	64.2
67	77.0	62.1	93.1
52	31.8	23.4	35.0

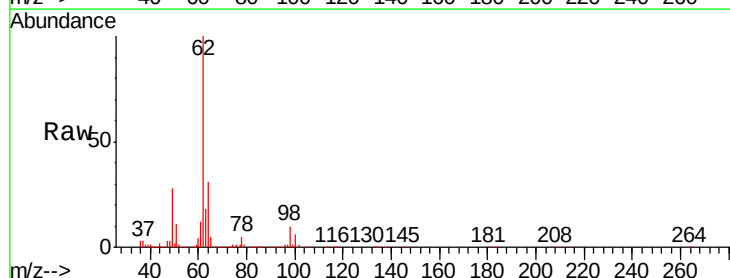


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

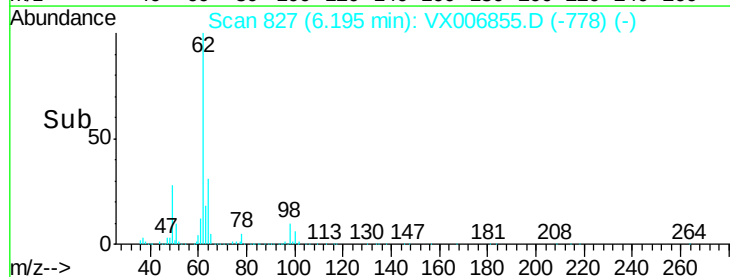
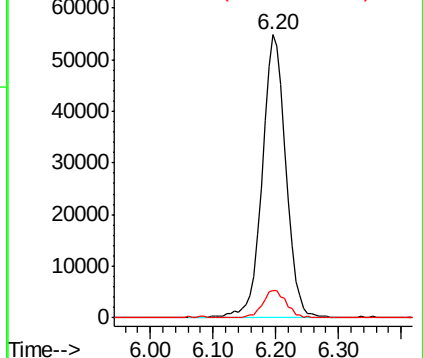


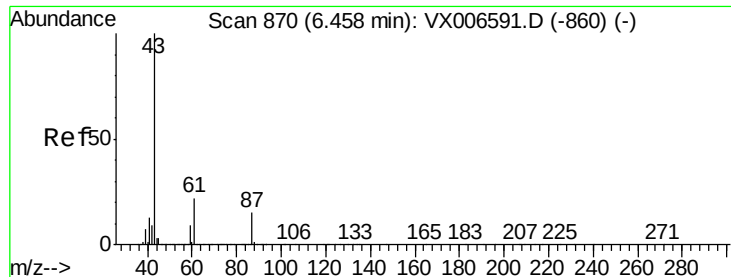
#42
1,2-Dichloroethane
Concen: 19.522 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion:	62	Resp:	141851
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.228 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

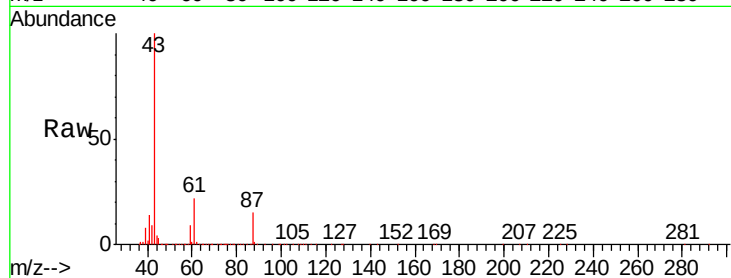
Tgt Ion: 43 Resp: 235835

Ion Ratio Lower Upper

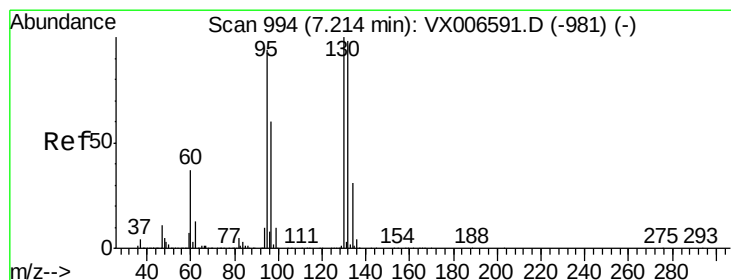
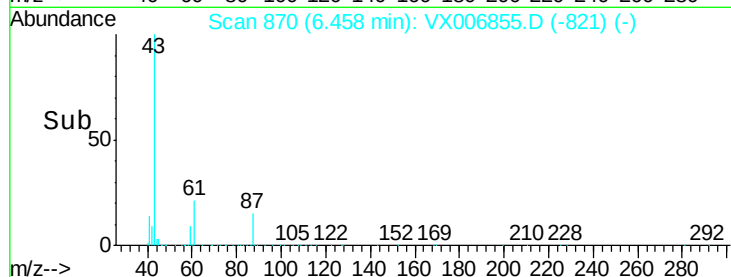
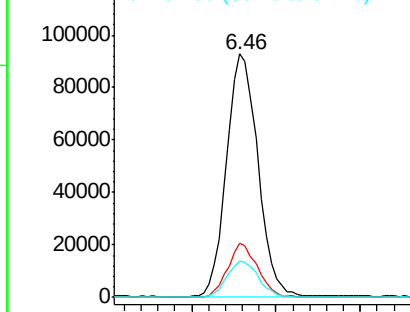
43 100

61 21.3 16.8 25.2

87 15.2 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.501 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006855.D

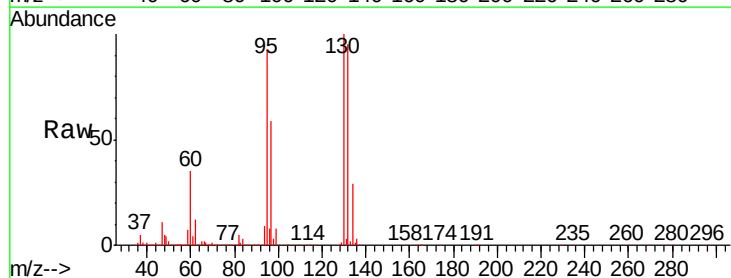
Acq: 28 Dec 2018 12:34

Tgt Ion: 130 Resp: 119406

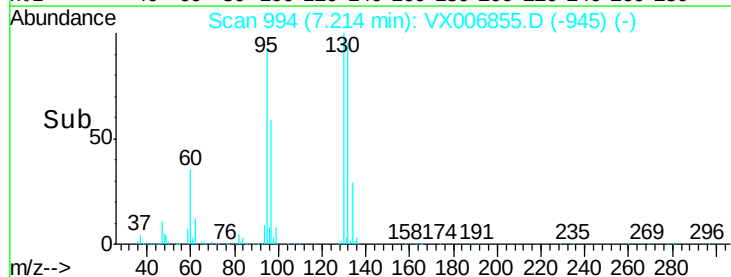
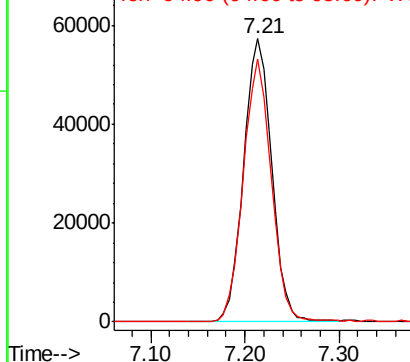
Ion Ratio Lower Upper

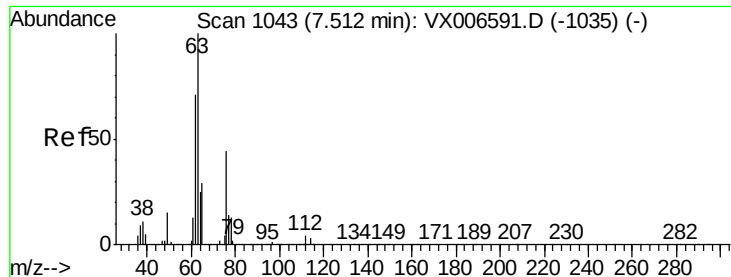
130 100

95 92.9 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

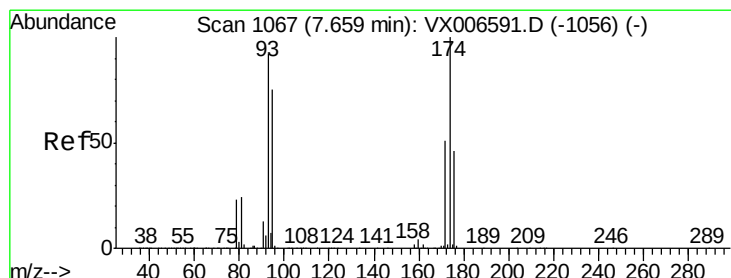
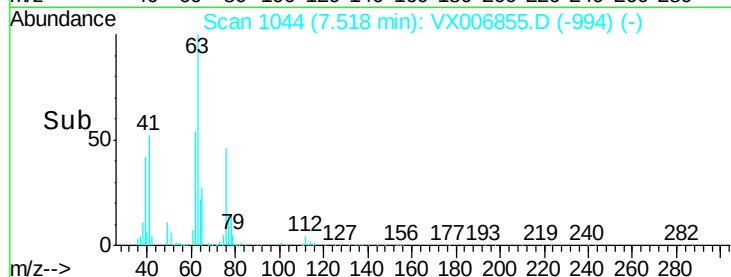
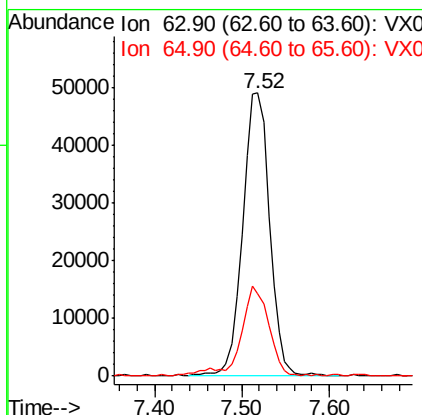
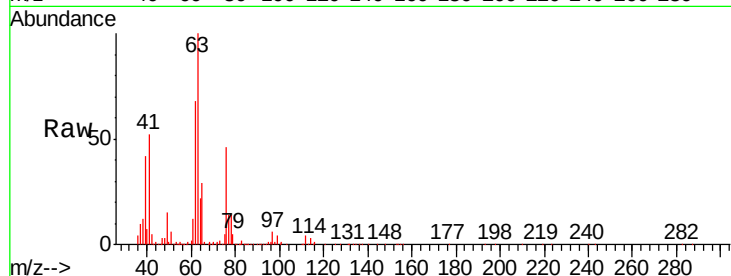




#45
 1,2-Dichloropropane
 Concen: 20.050 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

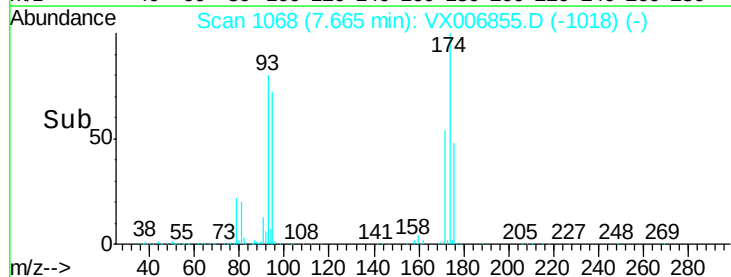
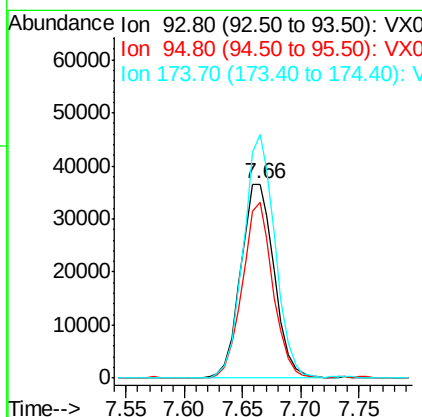
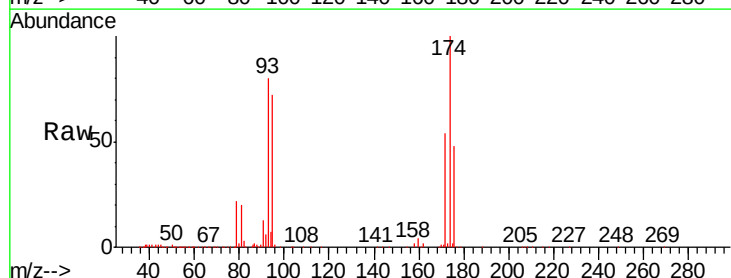
Instrument :
 MSVOA_X
 ClientSampled :
 VX1228WBSD01

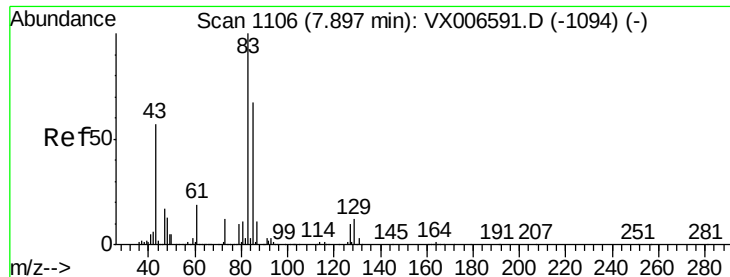
Tgt Ion: 63 Resp: 104042
 Ion Ratio Lower Upper
 63 100
 65 28.5 25.4 38.0



#46
 Dibromomethane
 Concen: 19.166 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Tgt Ion: 93 Resp: 73153
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.4
 174 118.7 91.0 136.4





#47

Bromodichloromethane

Concen: 18.977 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

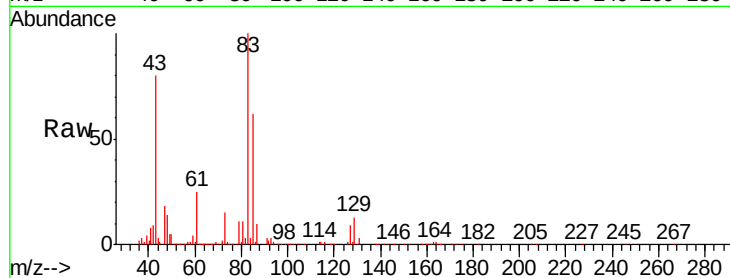
Tgt Ion: 83 Resp: 120251

Ion Ratio Lower Upper

83 100

85 61.7 53.2 79.8

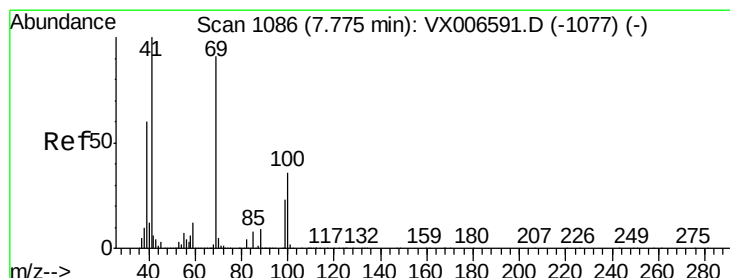
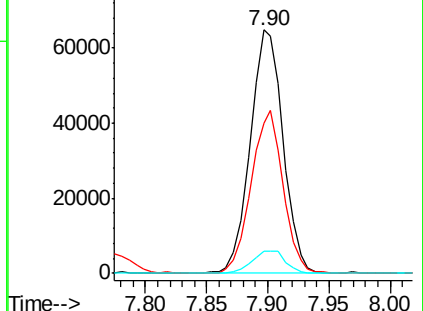
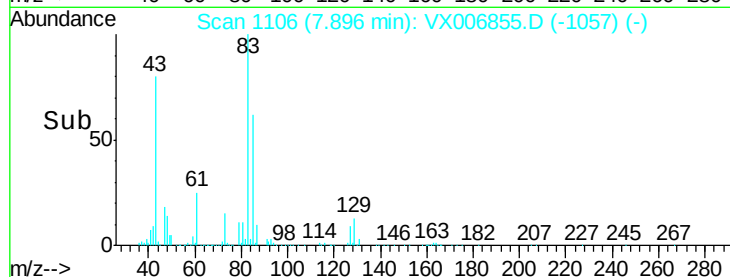
127 8.9 7.8 11.6



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: 21.471 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

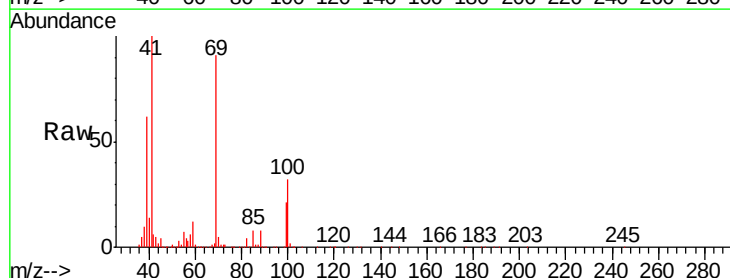
Tgt Ion: 41 Resp: 121300

Ion Ratio Lower Upper

41 100

69 88.1 72.4 108.6

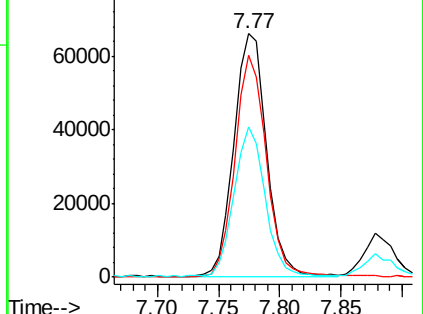
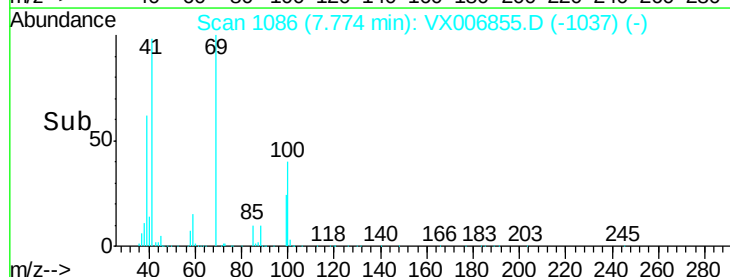
39 60.0 45.8 68.8

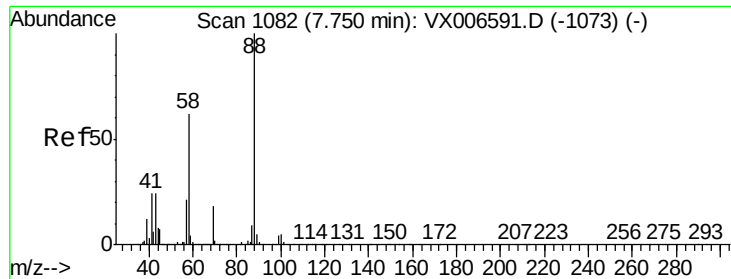


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 324.630 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

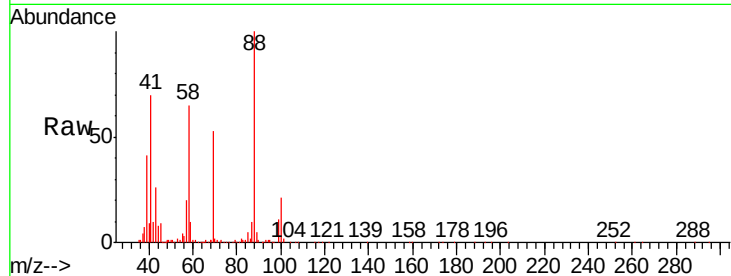
Tgt Ion: 88 Resp: 49970

Ion Ratio Lower Upper

88 100

43 30.6 22.2 33.4

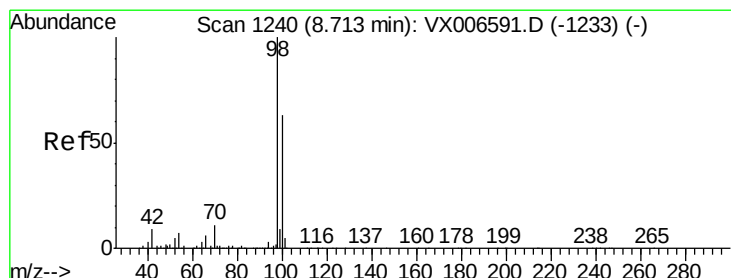
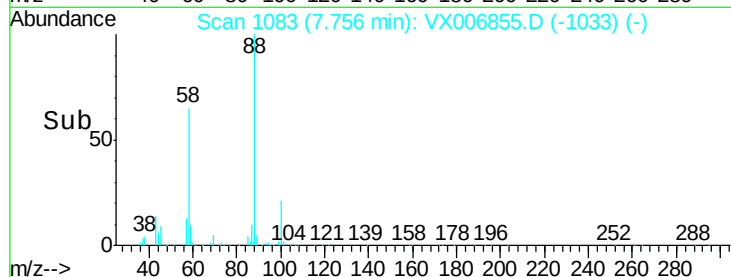
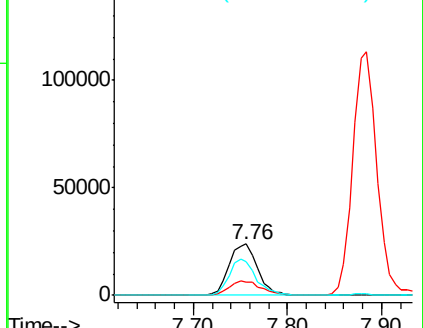
58 65.3 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.188 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006855.D

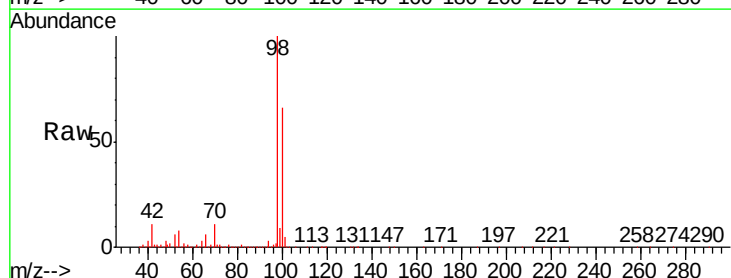
Acq: 28 Dec 2018 12:34

Tgt Ion: 98 Resp: 973066

Ion Ratio Lower Upper

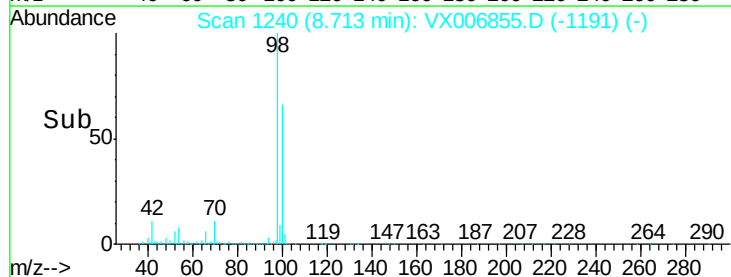
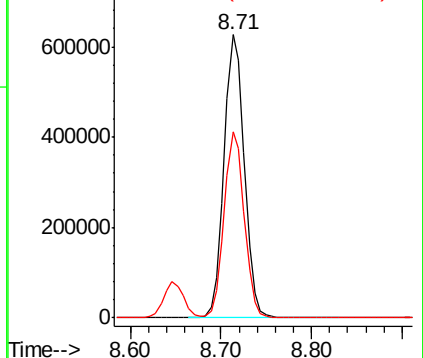
98 100

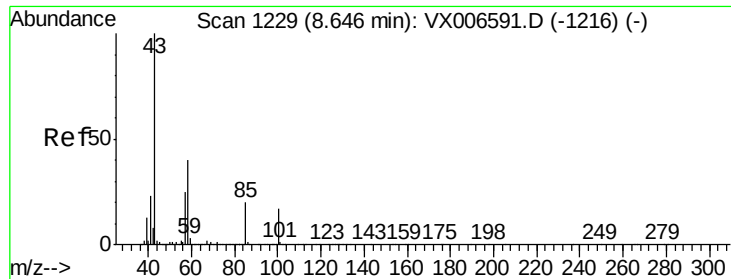
100 65.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 108.036 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

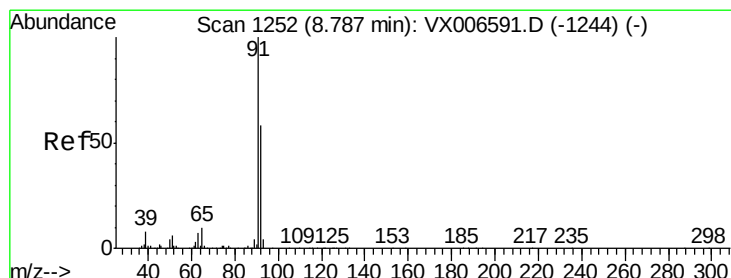
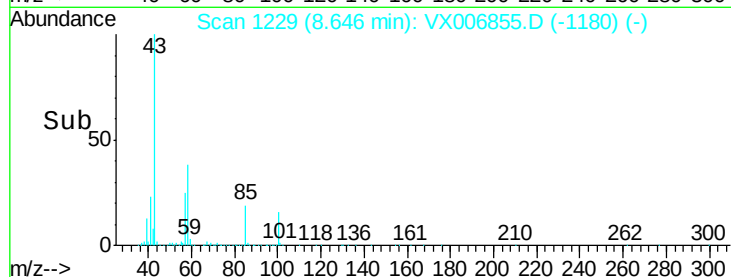
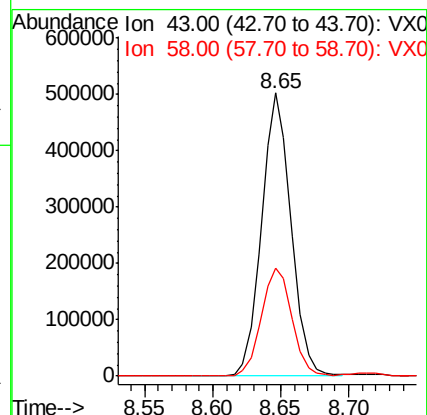
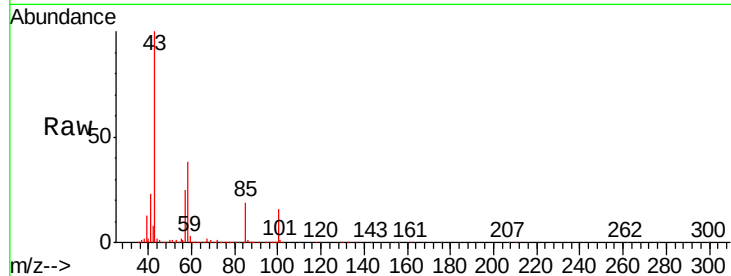
VX1228WBSD01

Tgt Ion: 43 Resp: 763664

Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.6



#52

Toluene

Concen: 19.426 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006855.D

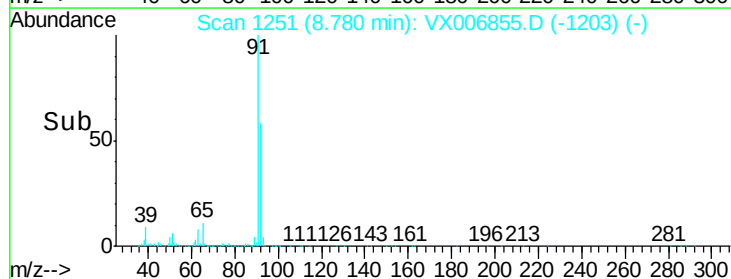
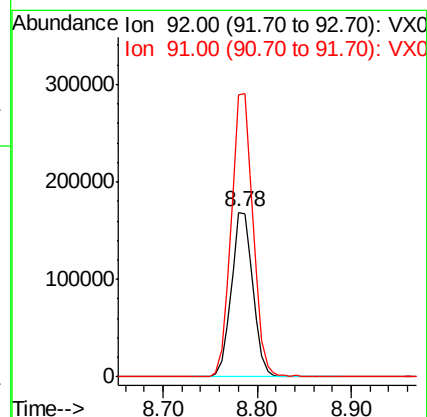
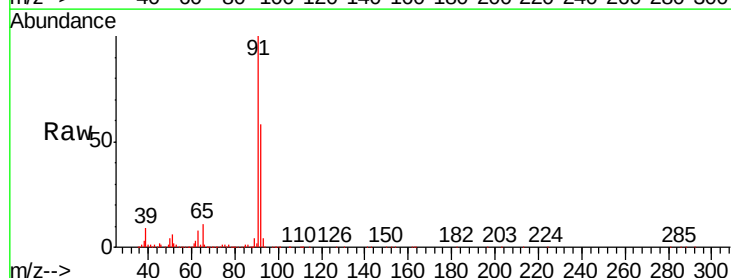
Acq: 28 Dec 2018 12:34

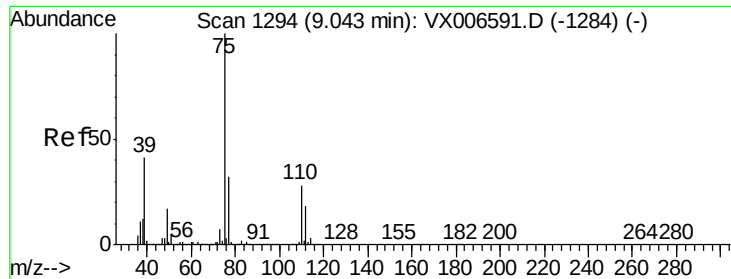
Tgt Ion: 92 Resp: 267612

Ion Ratio Lower Upper

92 100

91 173.6 137.6 206.4

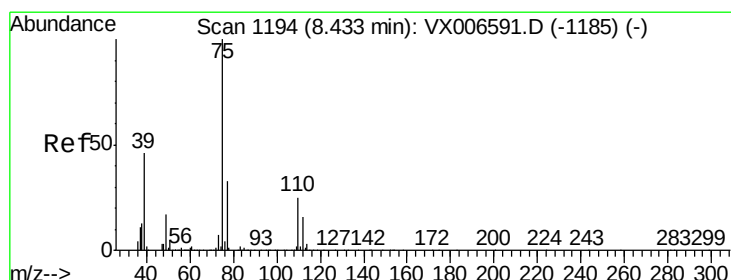
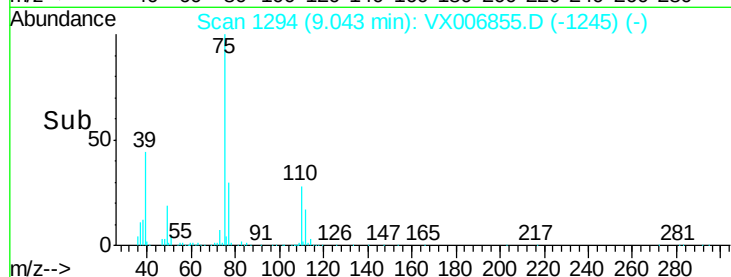
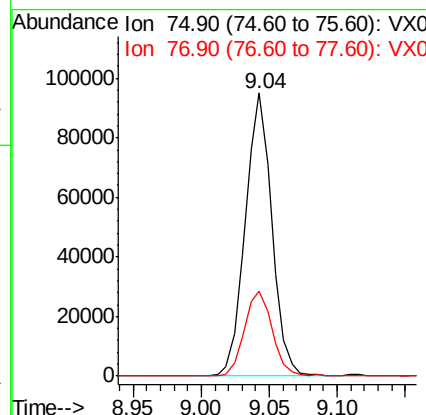
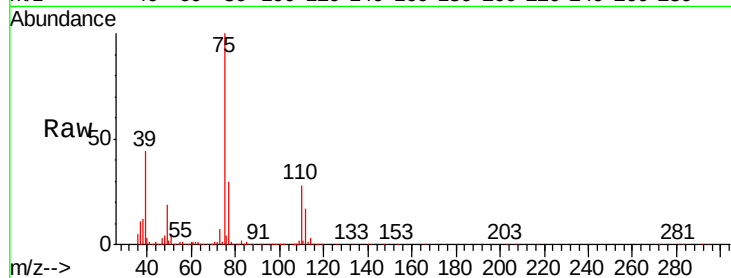




#53
 t-1,3-Dichloropropene
 Concen: 19.064 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

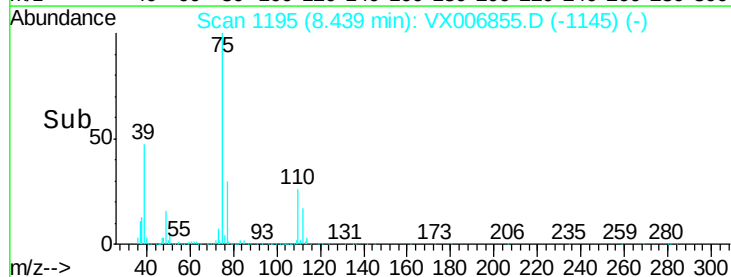
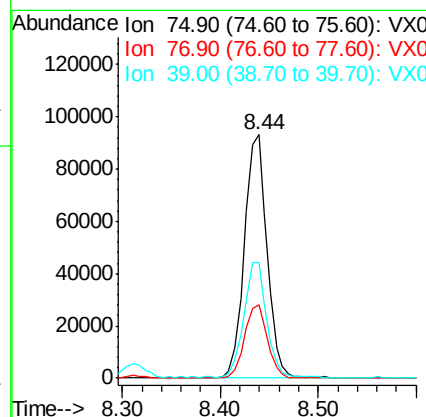
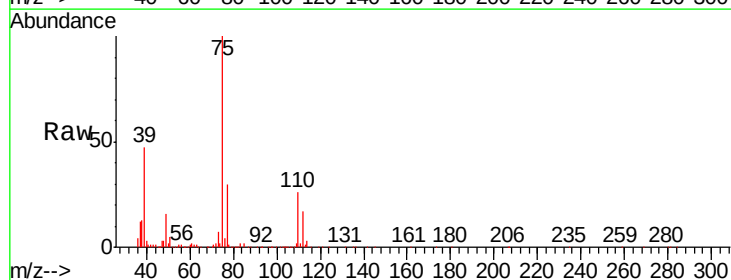
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01

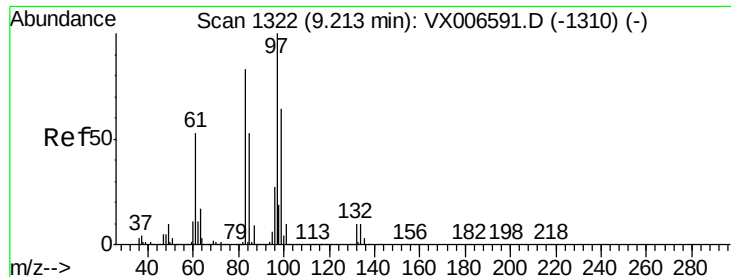
Tgt Ion: 75 Resp: 129563
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.056 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Tgt Ion: 75 Resp: 149558
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.2 39.2
 39 46.9 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 20.282 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

Tgt Ion: 97 Resp: 114367

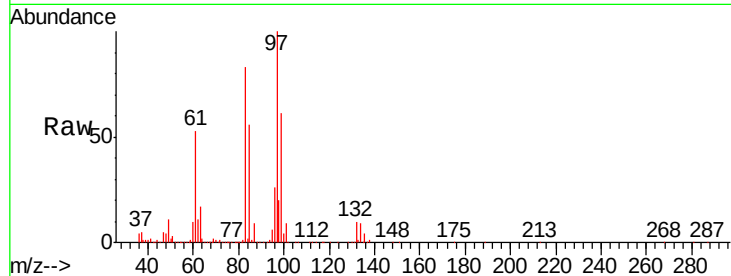
Ion Ratio Lower Upper

97 100

83 82.6 66.6 99.8

85 55.5 42.7 64.1

99 60.7 50.8 76.2

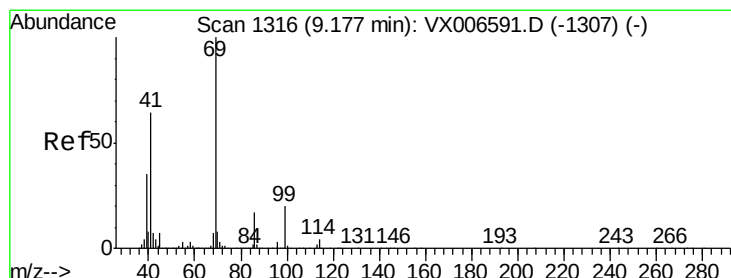
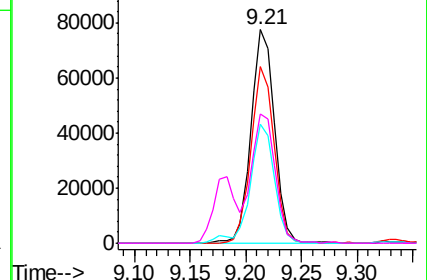
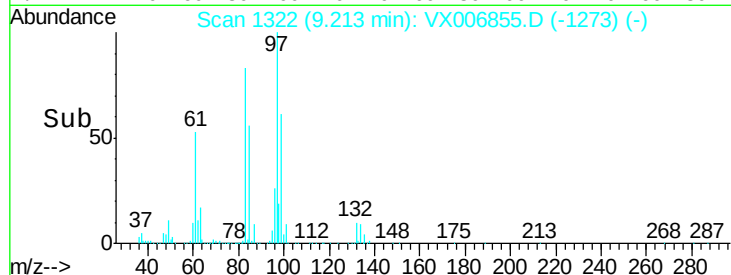


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.079 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

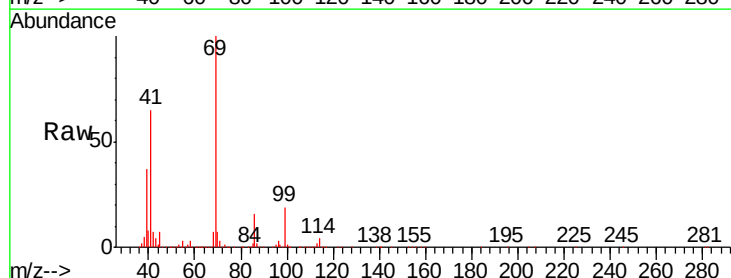
Tgt Ion: 69 Resp: 167995

Ion Ratio Lower Upper

69 100

41 62.9 48.7 73.1

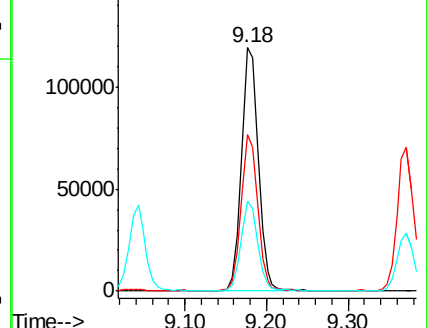
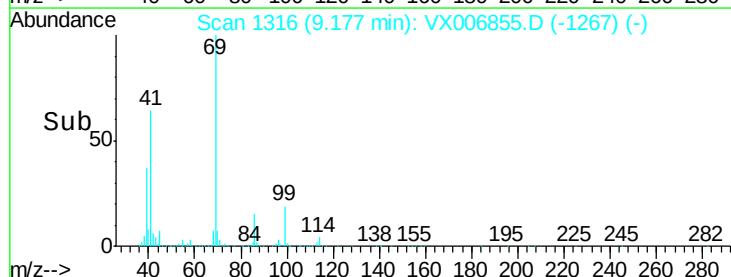
39 36.4 27.0 40.6

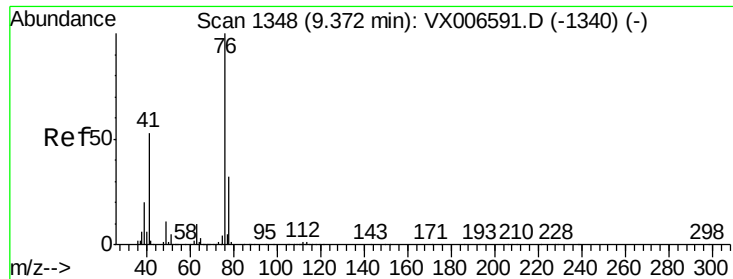


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.998 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

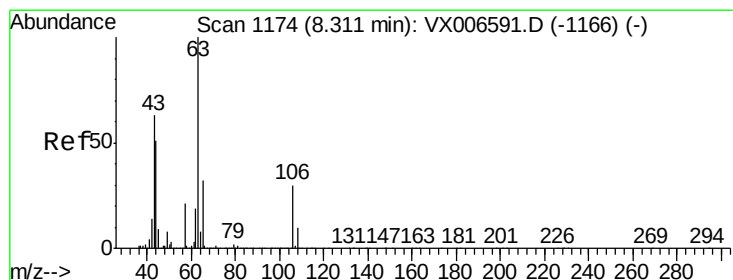
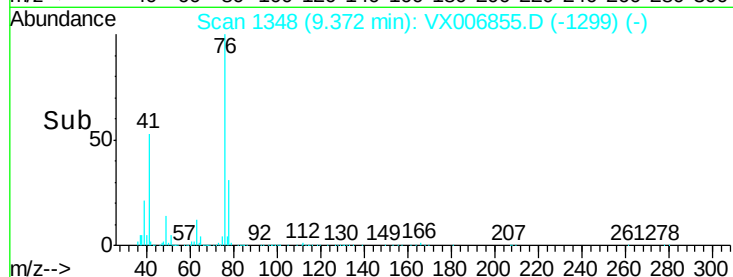
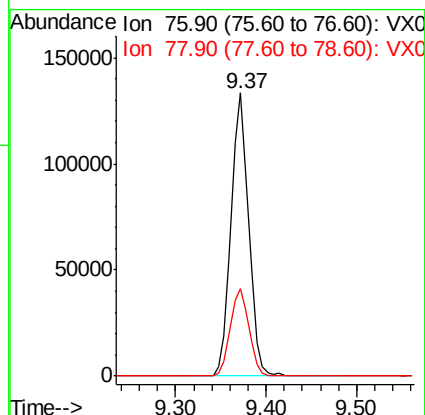
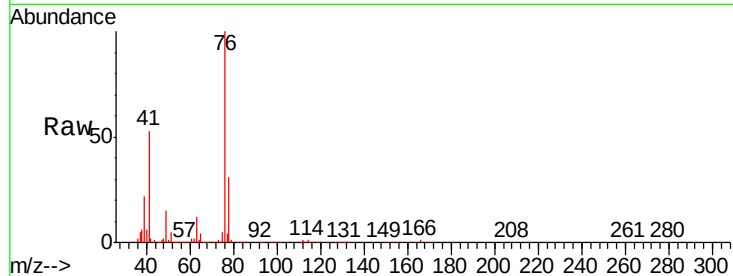
VX1228WBSD01

Tgt Ion: 76 Resp: 181421

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 101.866 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006855.D

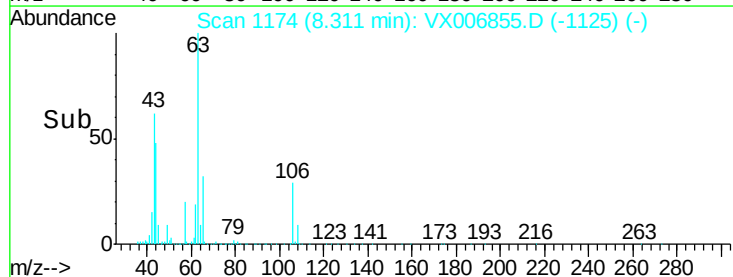
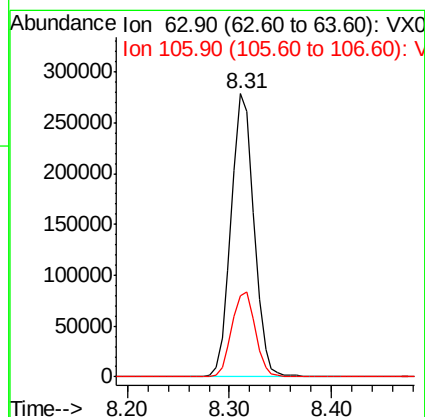
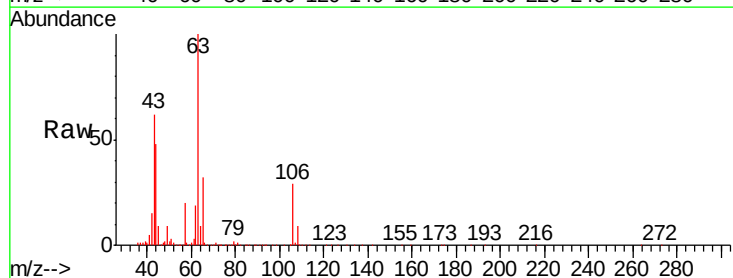
Acq: 28 Dec 2018 12:34

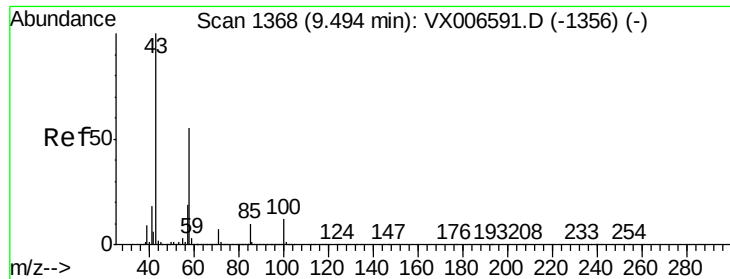
Tgt Ion: 63 Resp: 431542

Ion Ratio Lower Upper

63 100

106 30.7 24.6 36.8

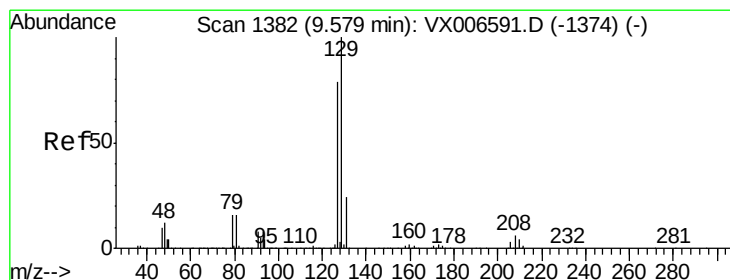
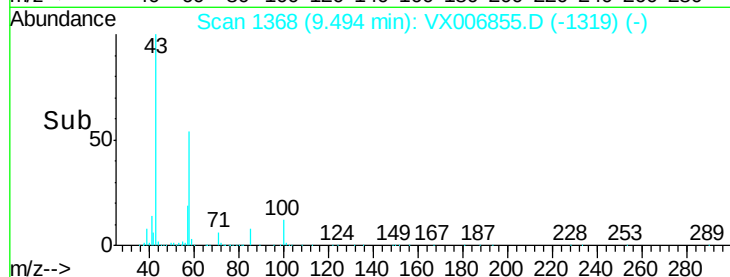
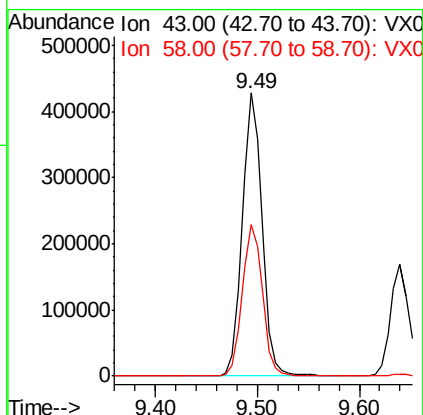
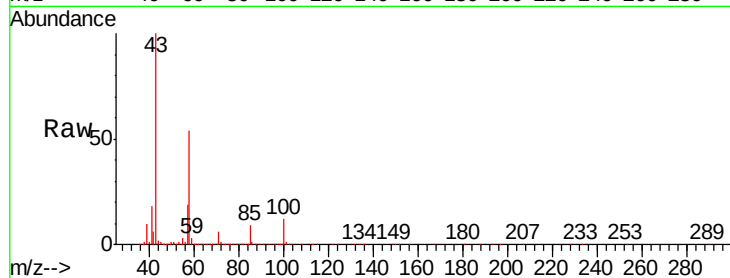




#59
2-Hexanone
Concen: 105.122 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

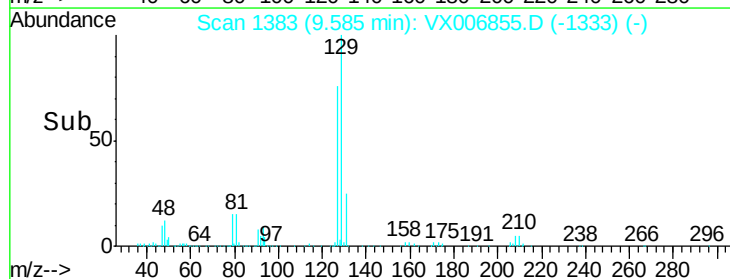
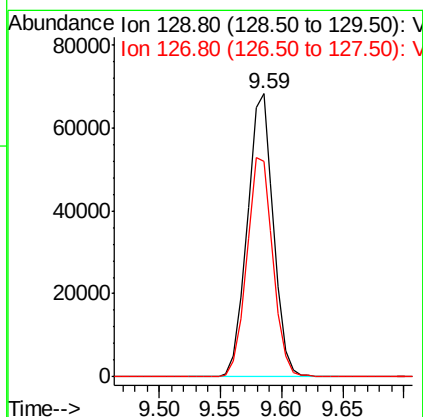
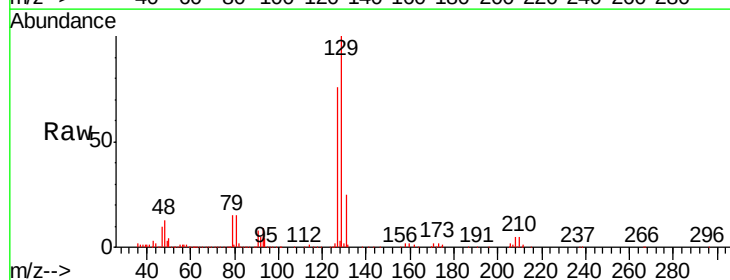
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

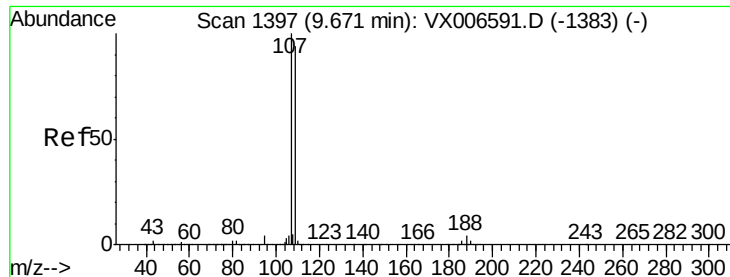
Tgt Ion: 43 Resp: 568531
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.1



#60
Dibromochloromethane
Concen: 18.685 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion: 129 Resp: 101191
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.876 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

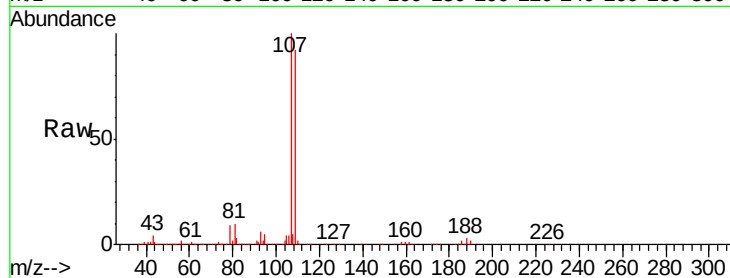
VX1228WBSD01

Tgt Ion: 107 Resp: 119141

Ion Ratio Lower Upper

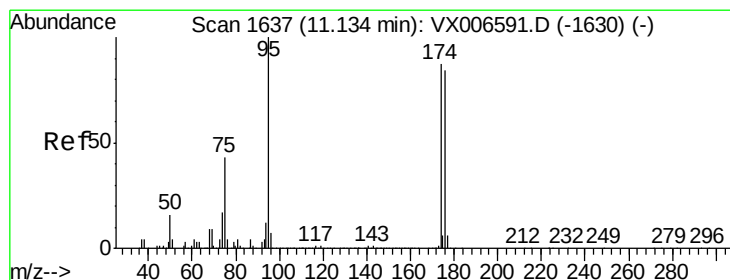
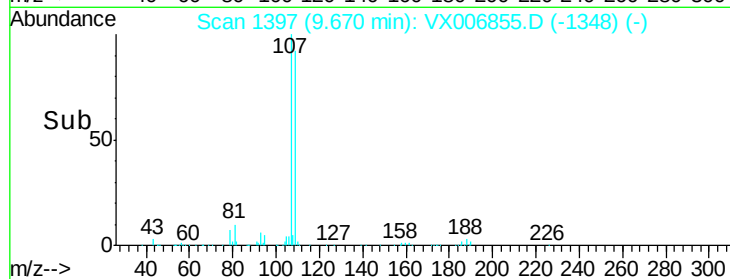
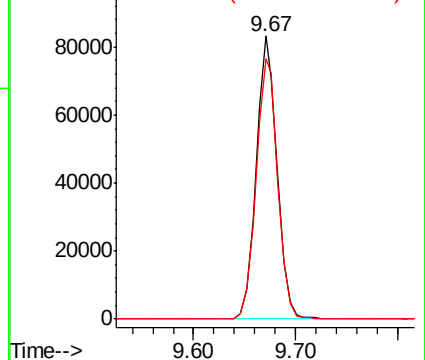
107 100

109 95.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.359 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

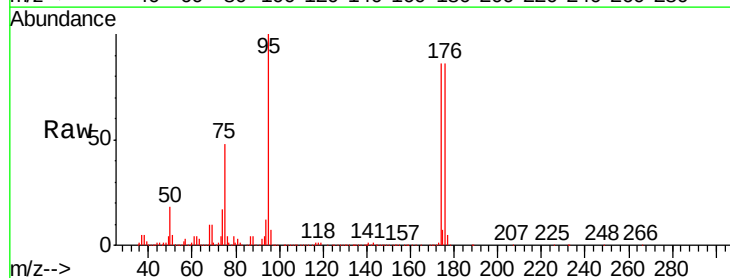
Tgt Ion: 95 Resp: 350247

Ion Ratio Lower Upper

95 100

174 94.3 0.0 182.2

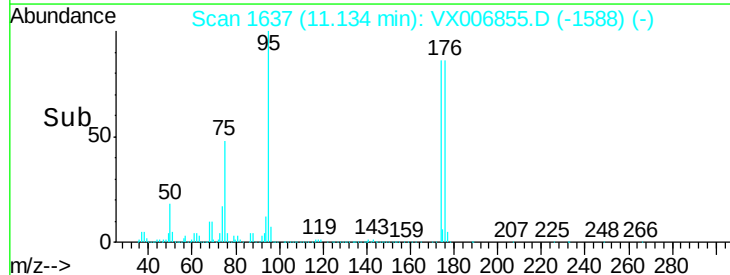
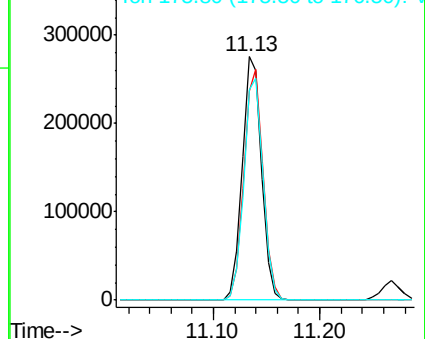
176 91.5 0.0 178.8

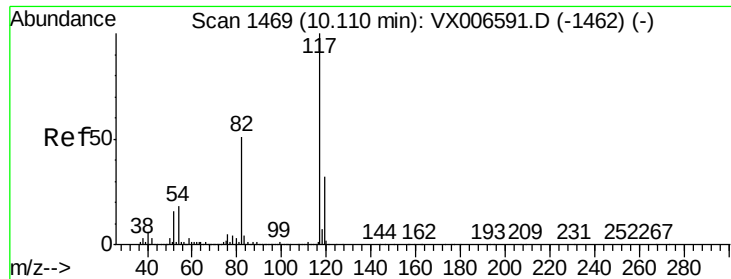


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

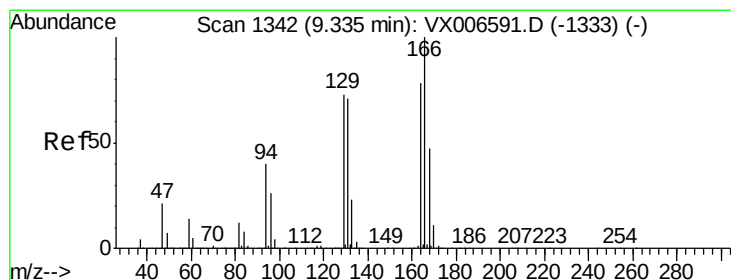
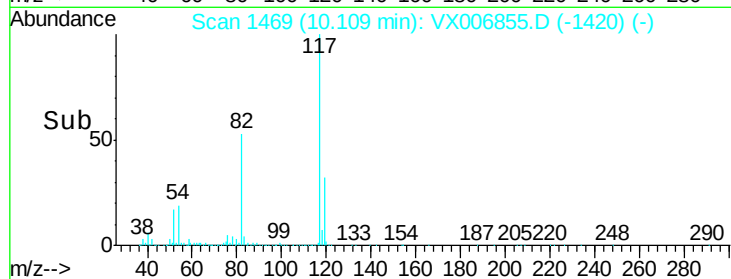
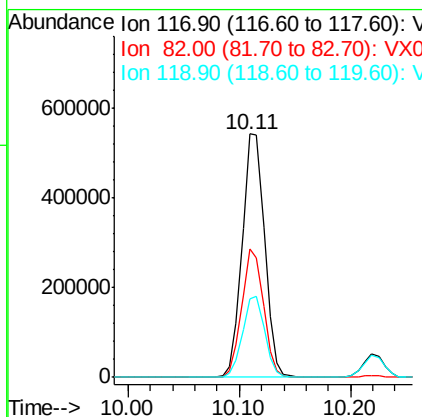
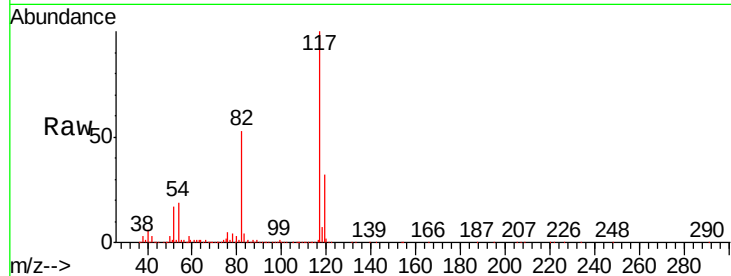




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

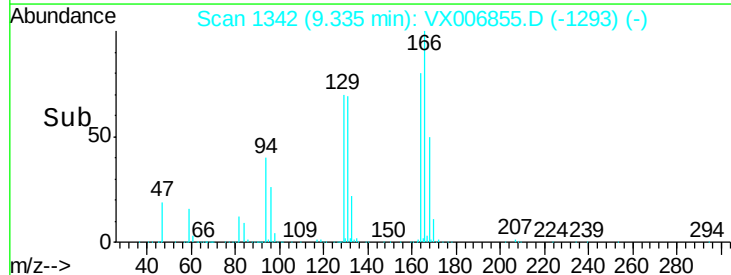
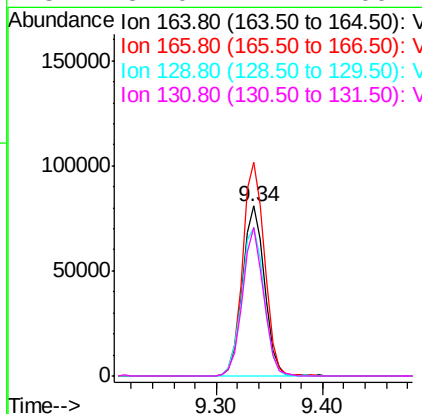
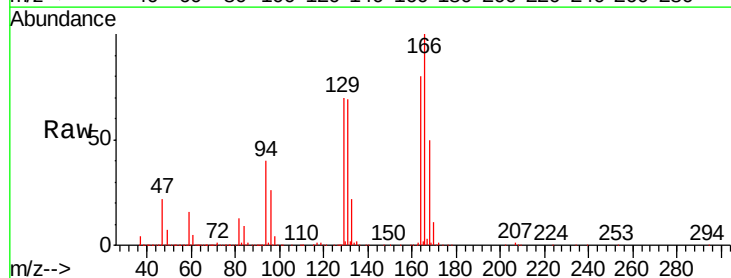
Instrument :
MSVOA_X
ClientSampled :
VX1228WBSD01

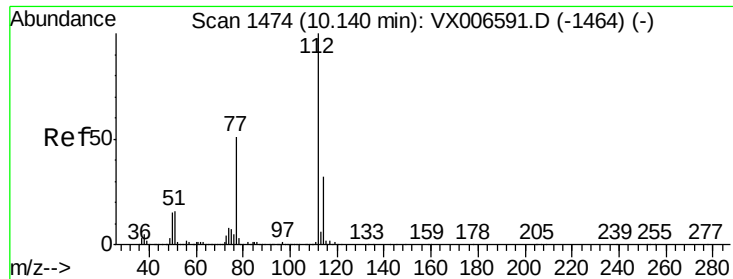
Tgt Ion:117 Resp: 763583
Ion Ratio Lower Upper
117 100
82 52.5 41.0 61.6
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 19.548 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion:164 Resp: 118197
Ion Ratio Lower Upper
164 100
166 125.5 102.5 153.7
129 87.6 75.1 112.7
131 87.0 72.7 109.1

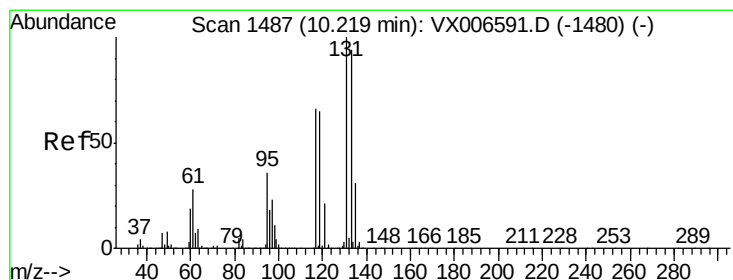
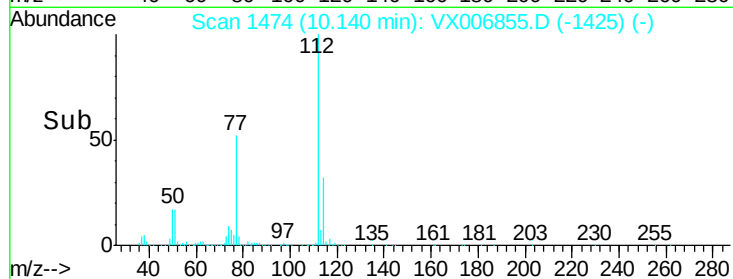
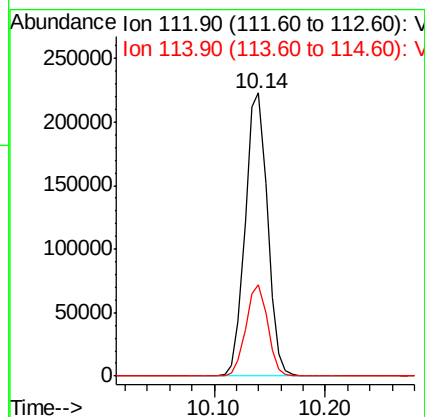
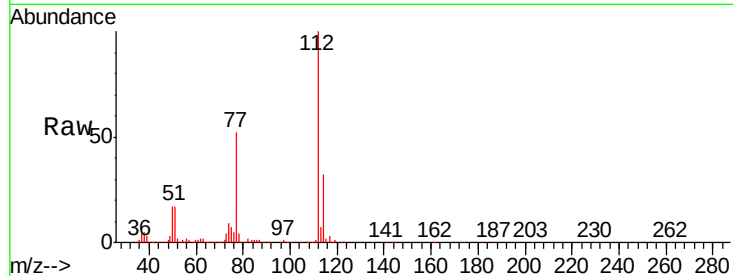




#65
Chlorobenzene
Concen: 19.189 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

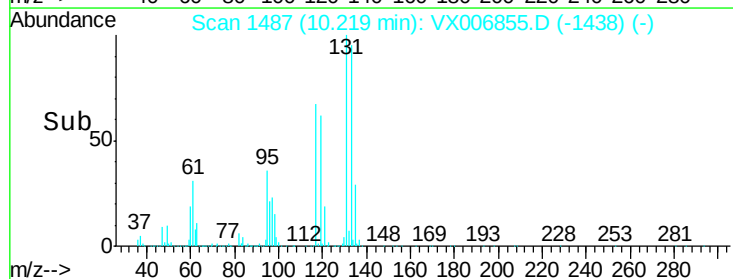
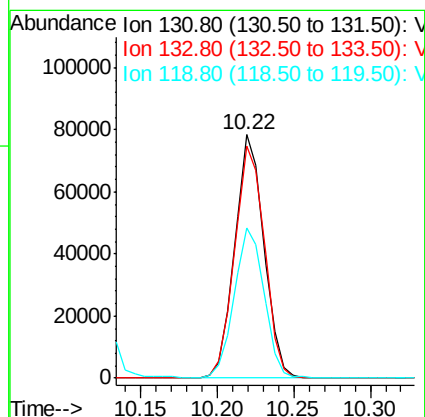
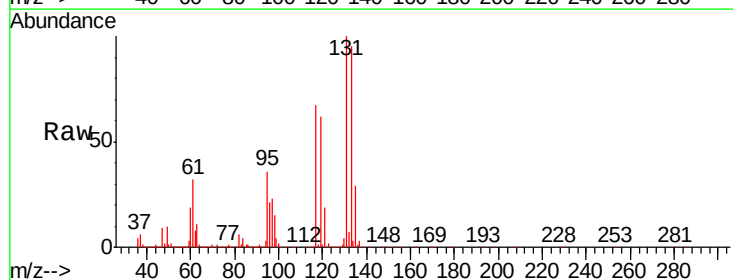
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

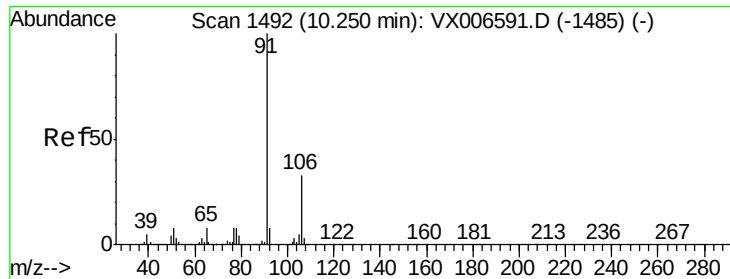
Tgt Ion:112 Resp: 309986
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.521 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion:131 Resp: 103429
Ion Ratio Lower Upper
131 100
133 98.0 48.0 144.2
119 63.5 32.6 97.8





#67

Ethyl Benzene

Concen: 19.169 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

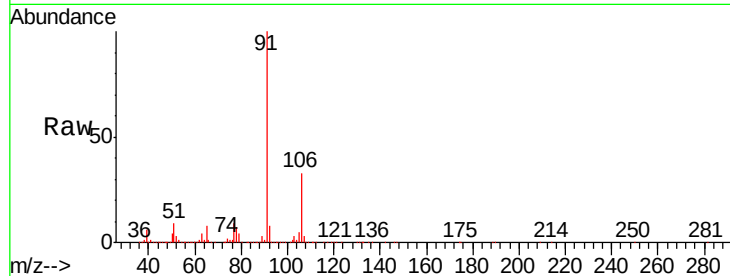
VX1228WBSD01

Tgt Ion: 91 Resp: 506005

Ion Ratio Lower Upper

91 100

106 33.3 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

600000

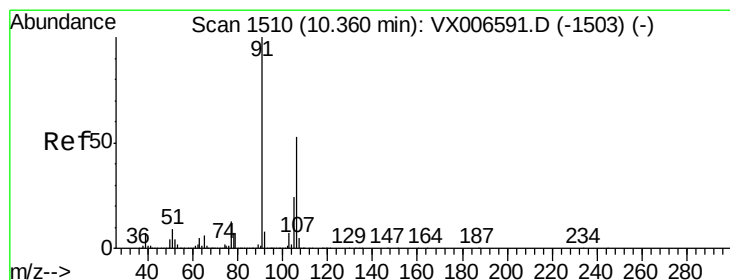
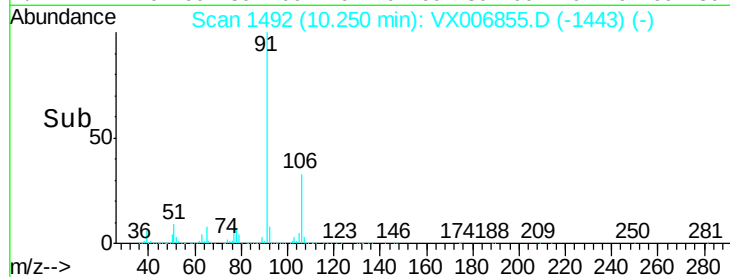
400000

200000

0

10.10 10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 38.391 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006855.D

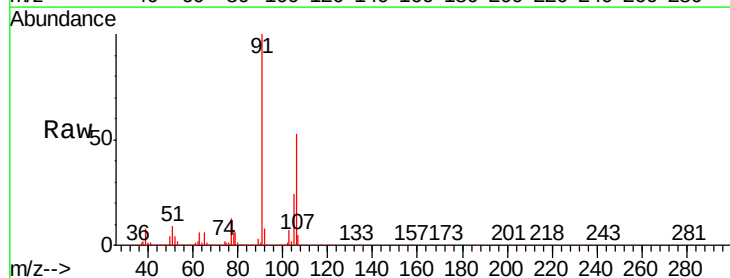
Acq: 28 Dec 2018 12:34

Tgt Ion: 106 Resp: 399892

Ion Ratio Lower Upper

106 100

91 193.4 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

600000

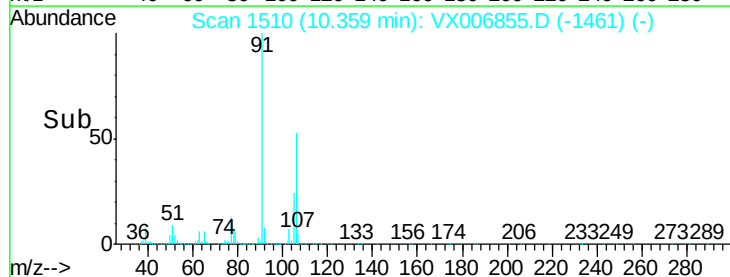
400000

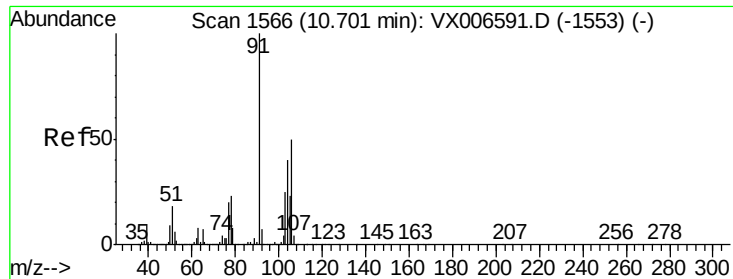
200000

0

10.30 10.40

Time-->

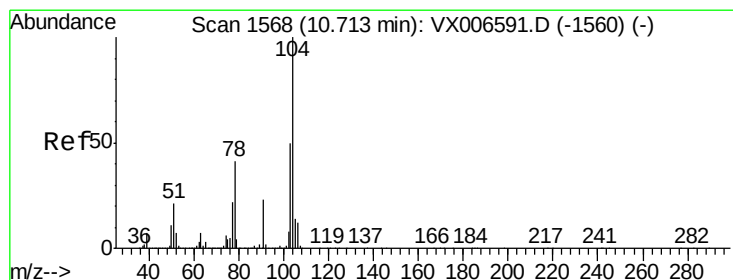
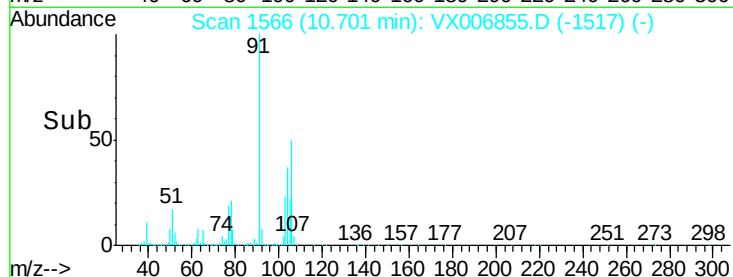
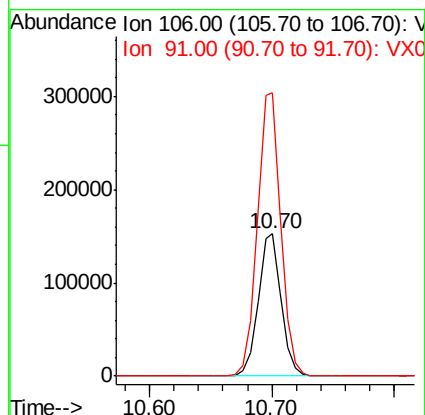
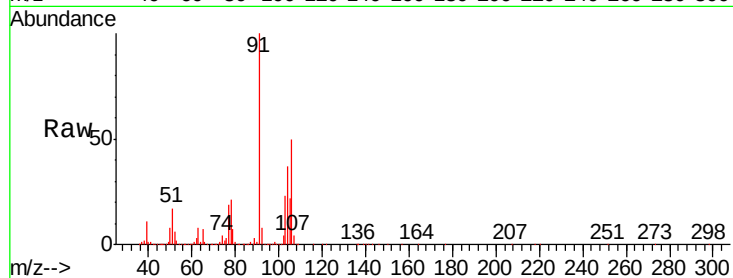




#69
o-Xylene
Concen: 19.285 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

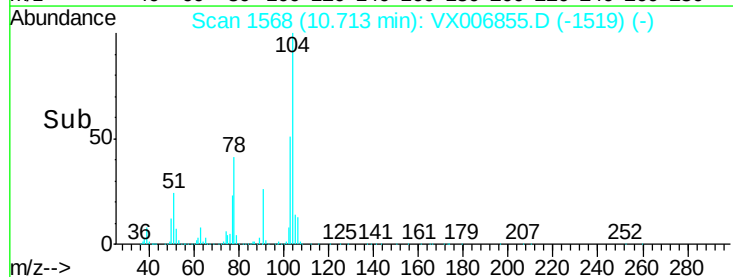
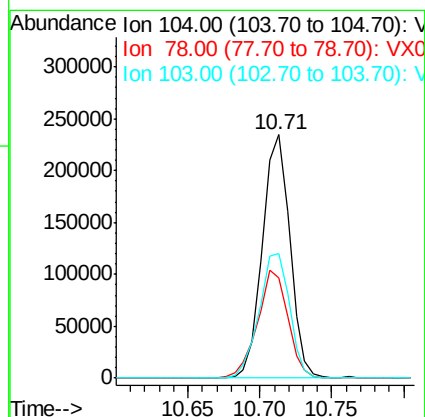
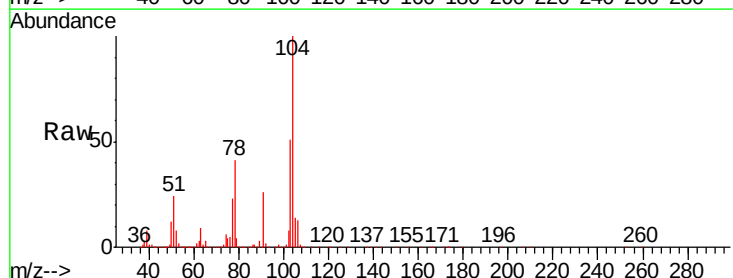
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

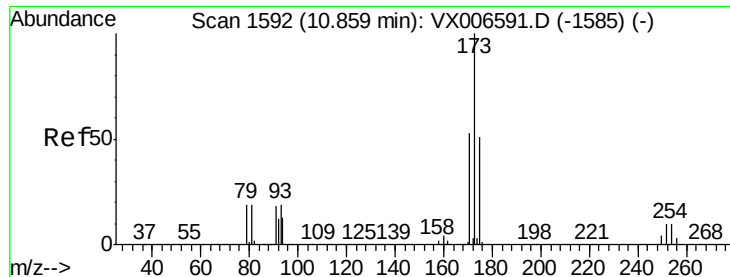
Tgt Ion:106 Resp: 198361
Ion Ratio Lower Upper
106 100
91 205.0 101.3 303.7



#70
Styrene
Concen: 19.023 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion:104 Resp: 309560
Ion Ratio Lower Upper
104 100
78 48.8 37.7 56.5
103 57.2 43.8 65.8





#71

Bromoform

Concen: 18.528 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VX1228WBSD01

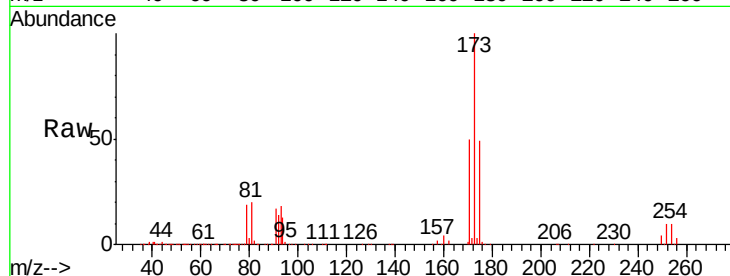
Tgt Ion:173 Resp: 70221

Ion Ratio Lower Upper

173 100

175 50.6 24.7 74.1

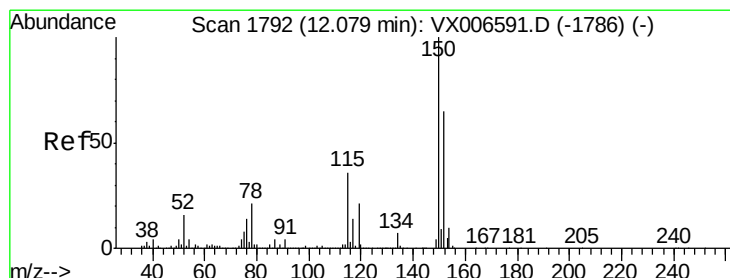
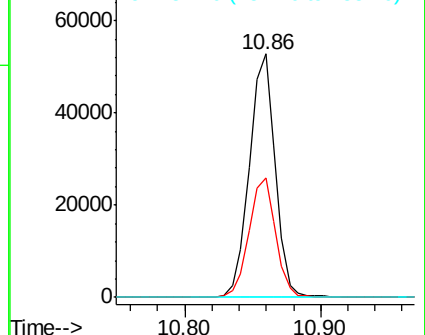
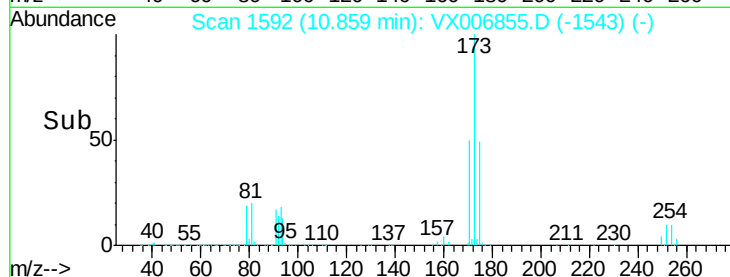
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

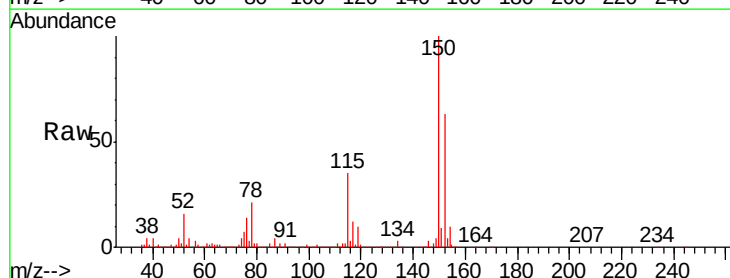
Tgt Ion:152 Resp: 385777

Ion Ratio Lower Upper

152 100

115 63.0 39.1 117.2

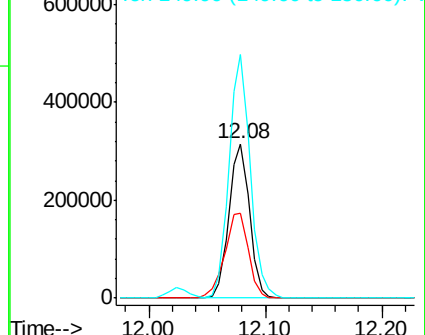
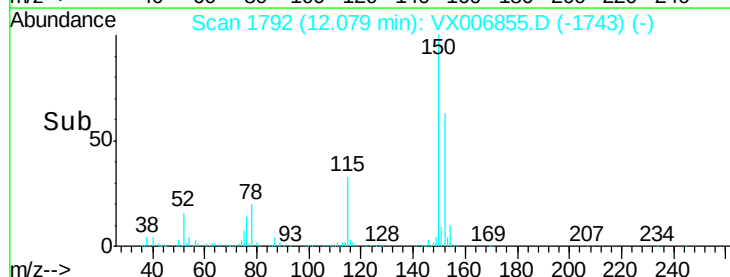
150 162.2 0.0 344.8

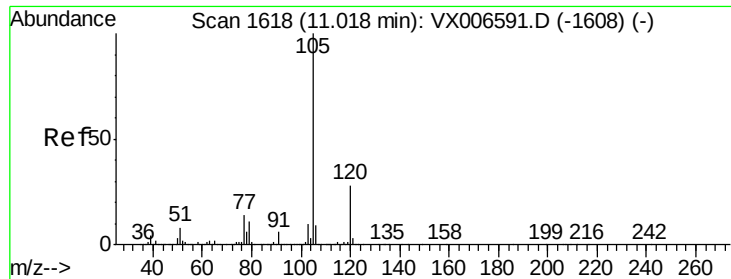


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

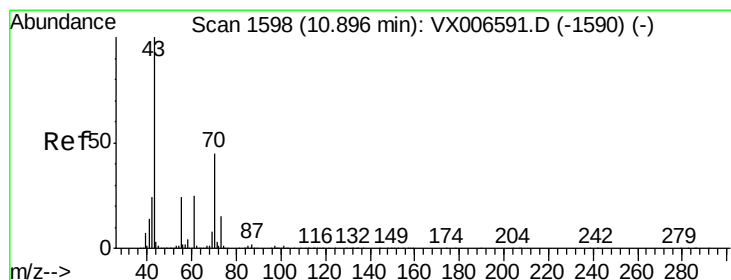
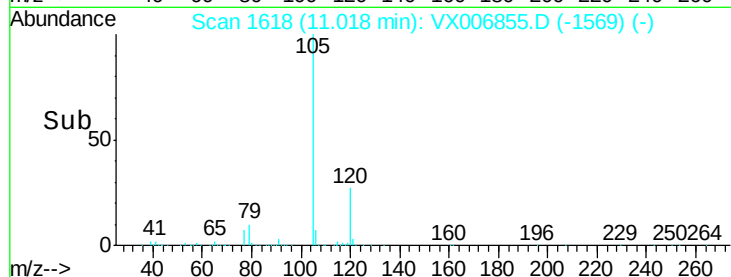
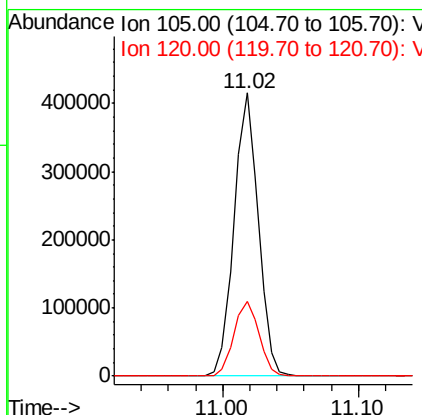
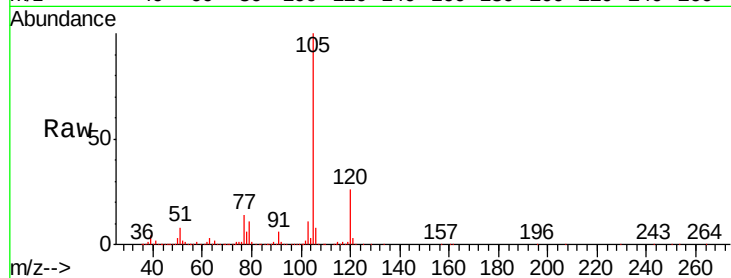




#73
Isopropylbenzene
Concen: 19.510 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

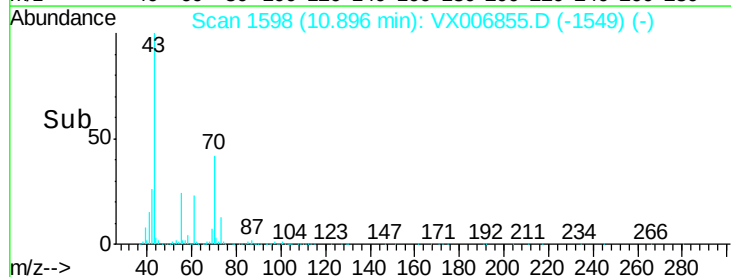
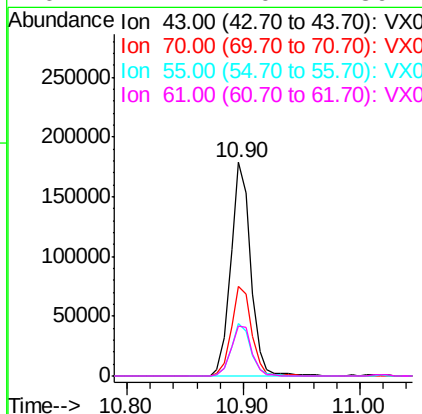
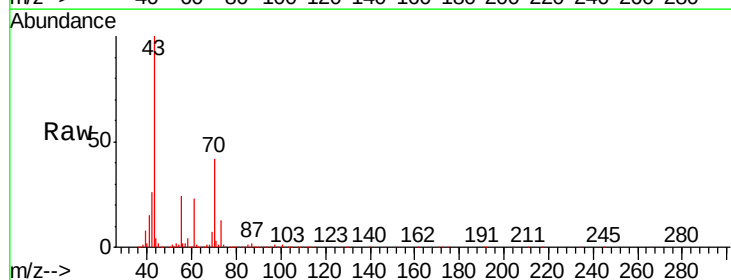
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

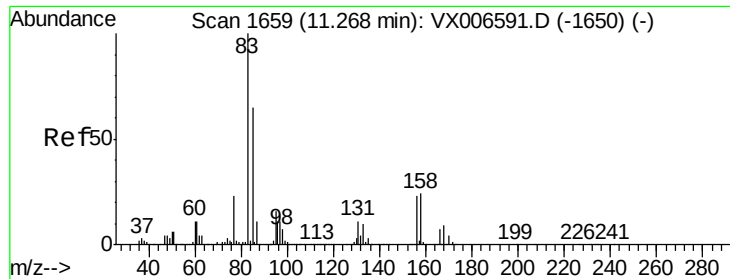
Tgt Ion:105 Resp: 514914
Ion Ratio Lower Upper
105 100
120 27.4 14.1 42.4



#74
N-ethyl acetate
Concen: 22.400 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion: 43 Resp: 211608
Ion Ratio Lower Upper
43 100
70 43.1 35.8 53.8
55 24.2 19.4 29.0
61 24.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.334 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VX1228WBSD01

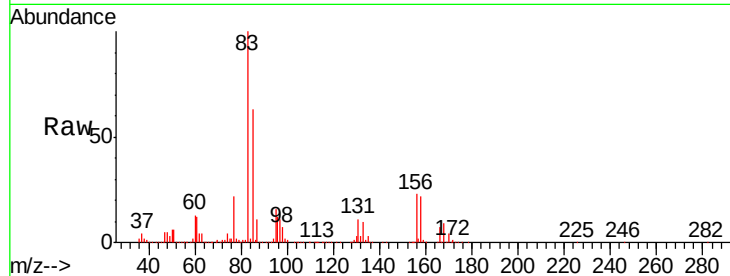
Tgt Ion: 83 Resp: 167452

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

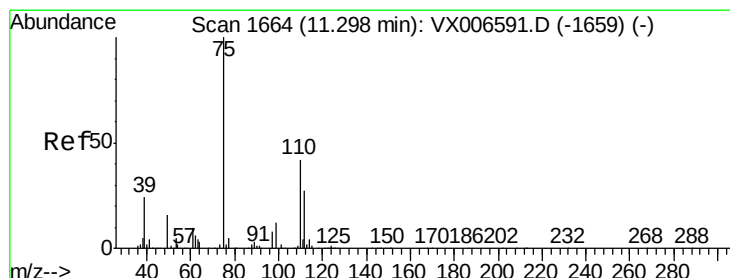
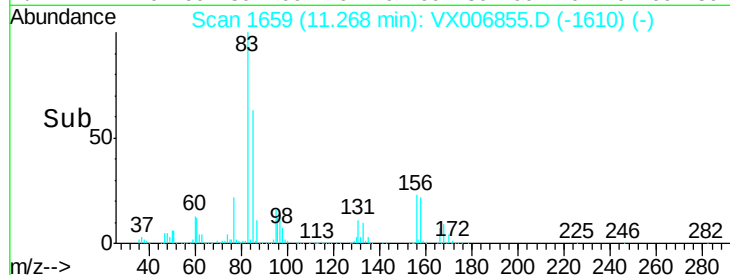
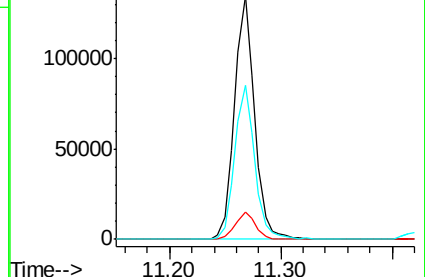
85 63.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.512 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006855.D

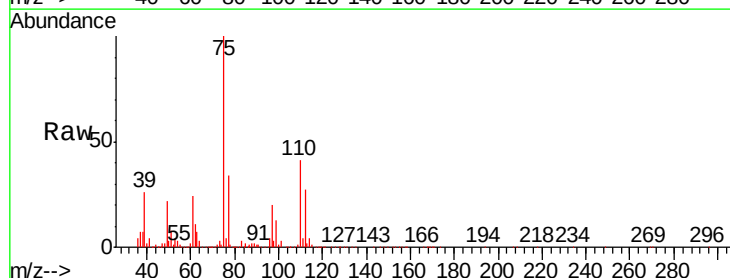
Acq: 28 Dec 2018 12:34

Tgt Ion: 75 Resp: 175738

Ion Ratio Lower Upper

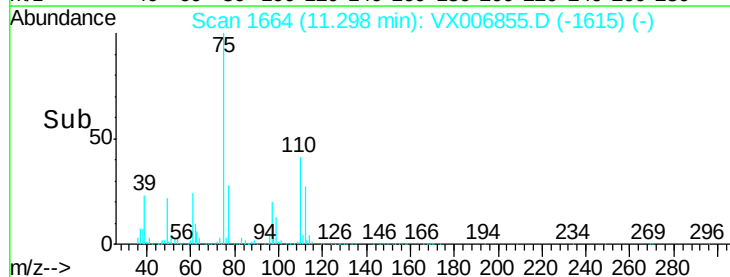
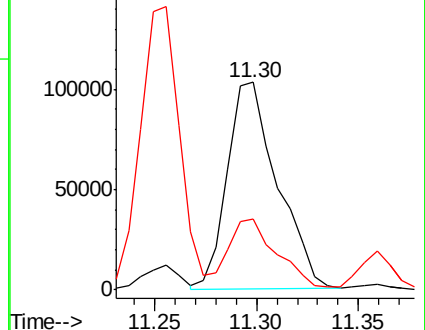
75 100

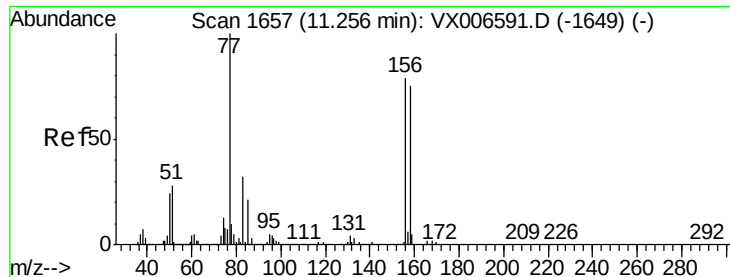
77 33.4 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.106 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

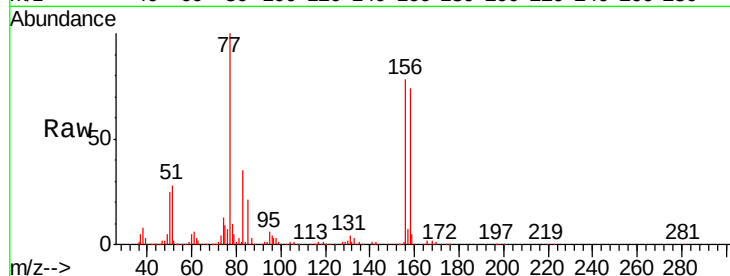
Tgt Ion:156 Resp: 143461

Ion Ratio Lower Upper

156 100

77 131.4 68.0 204.0

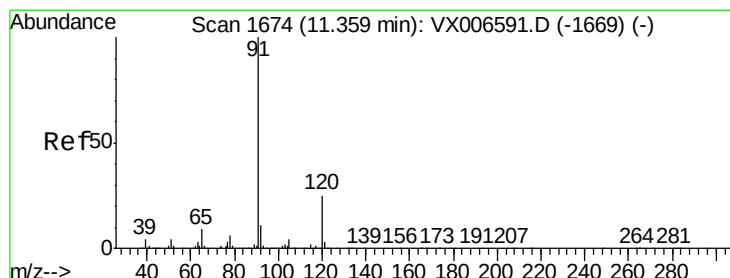
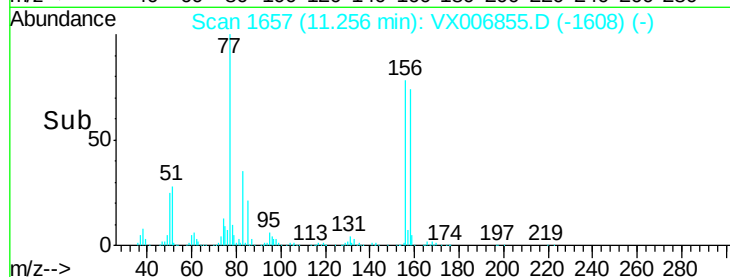
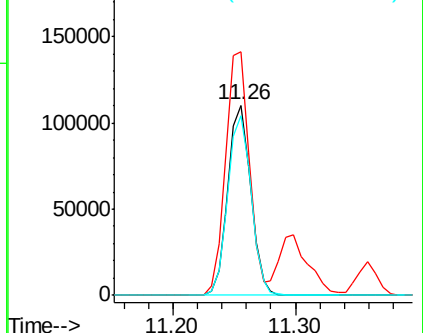
158 95.9 48.3 144.8



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: 19.275 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006855.D

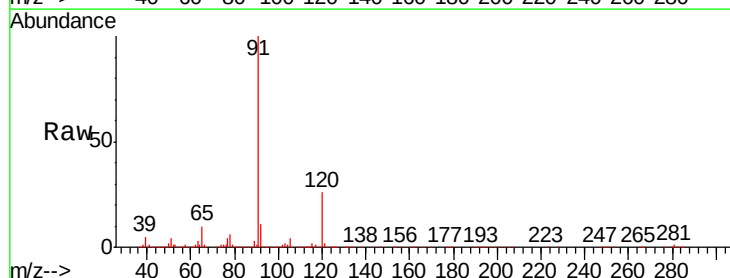
Acq: 28 Dec 2018 12:34

Tgt Ion: 91 Resp: 560169

Ion Ratio Lower Upper

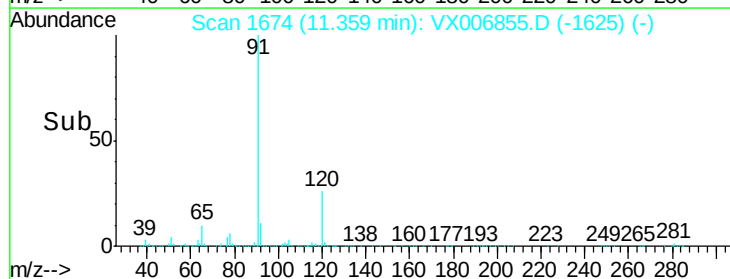
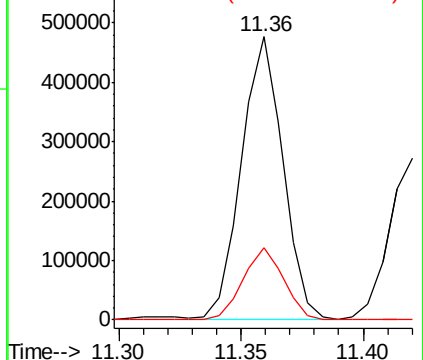
91 100

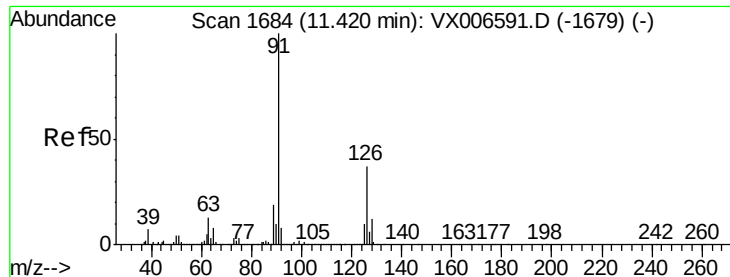
120 25.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.973 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

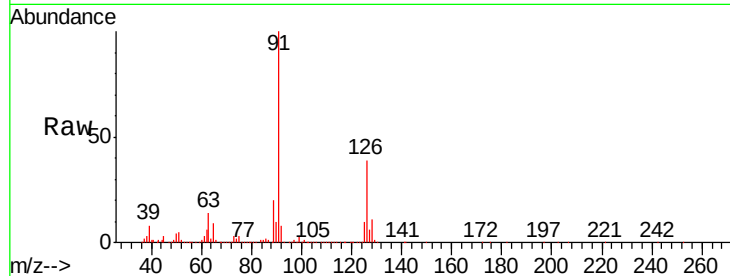
VX1228WBSD01

Tgt Ion: 91 Resp: 334162

Ion Ratio Lower Upper

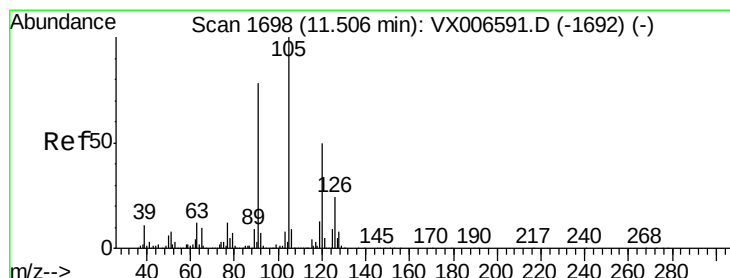
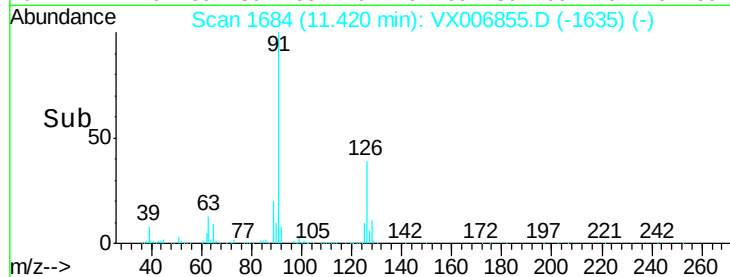
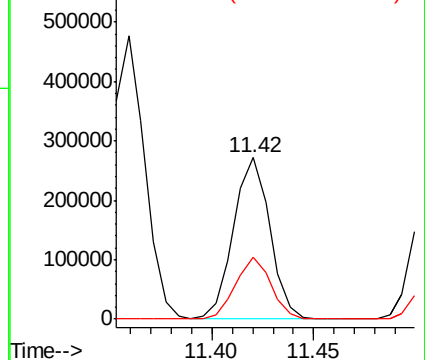
91 100

126 37.7 18.6 56.0



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: 19.133 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006855.D

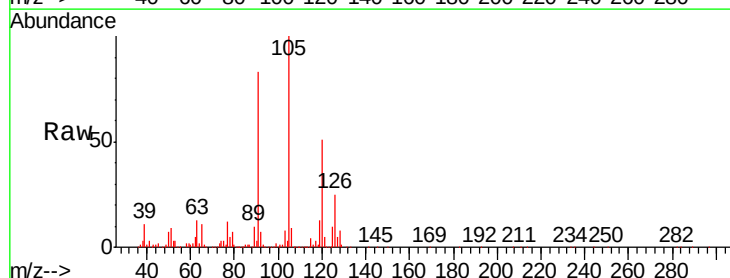
Acq: 28 Dec 2018 12:34

Tgt Ion: 105 Resp: 415912

Ion Ratio Lower Upper

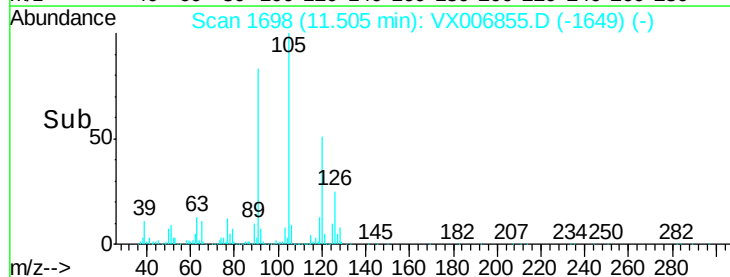
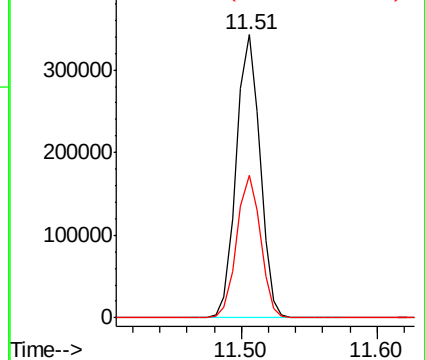
105 100

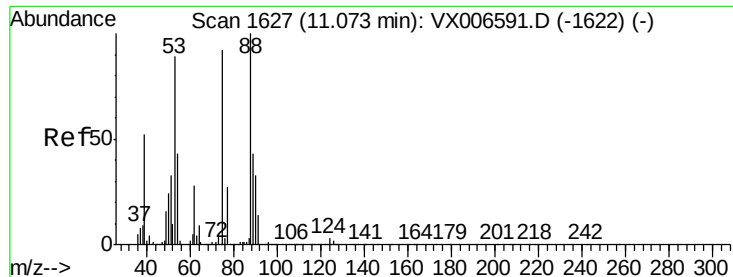
120 50.7 25.1 75.3



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: 18.227 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VX1228WBSD01

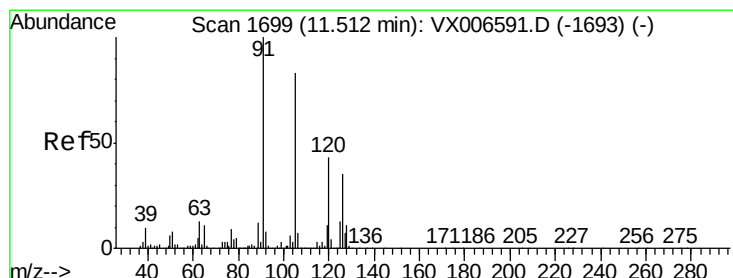
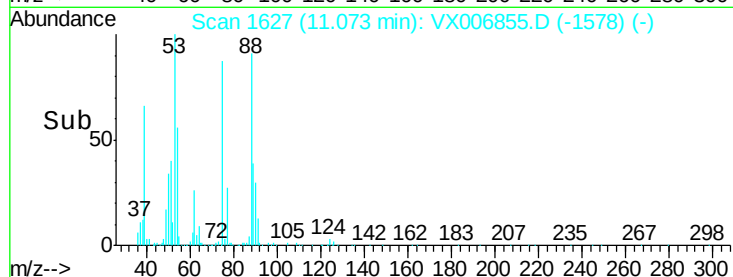
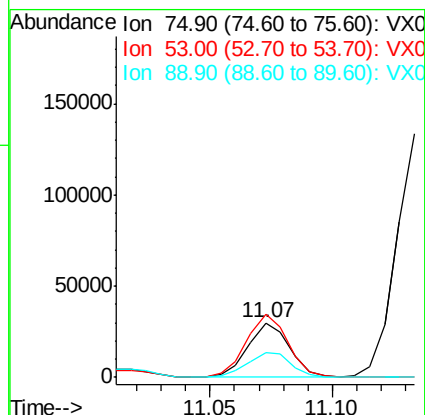
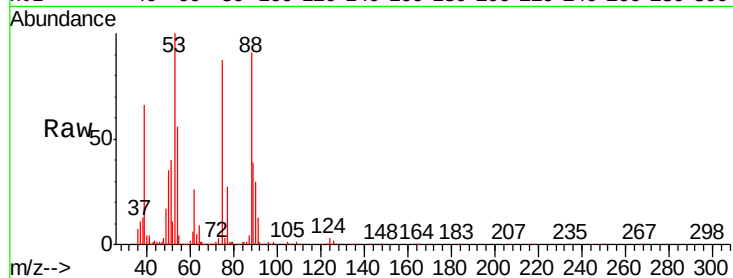
Tgt Ion: 75 Resp: 36018

Ion Ratio Lower Upper

75 100

53 114.2 79.7 119.5

89 46.7 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.182 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006855.D

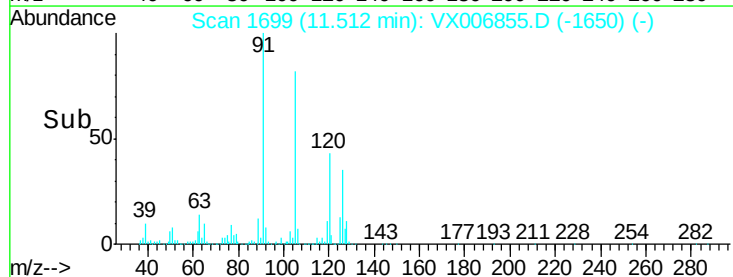
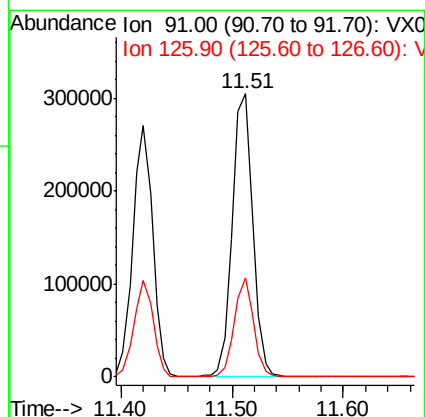
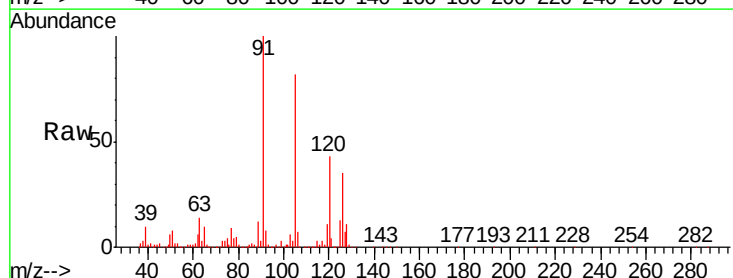
Acq: 28 Dec 2018 12:34

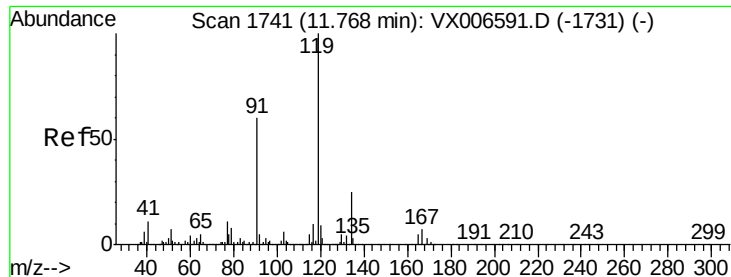
Tgt Ion: 91 Resp: 387527

Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.9

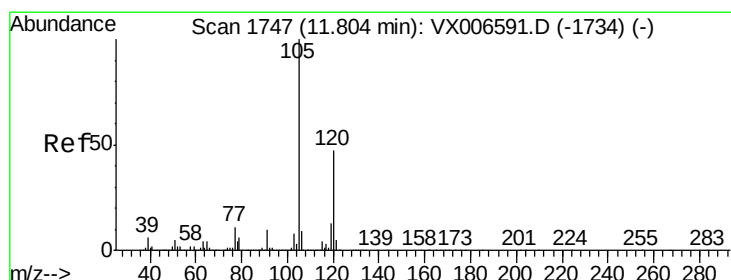
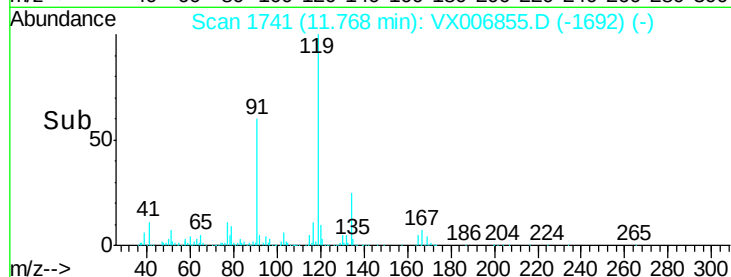
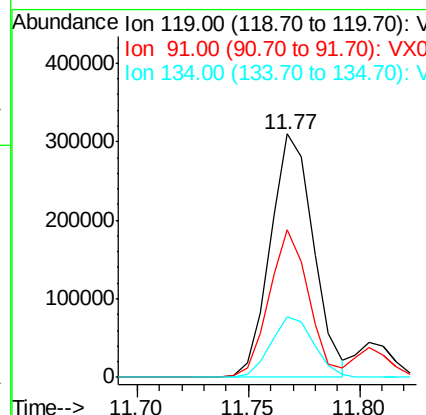
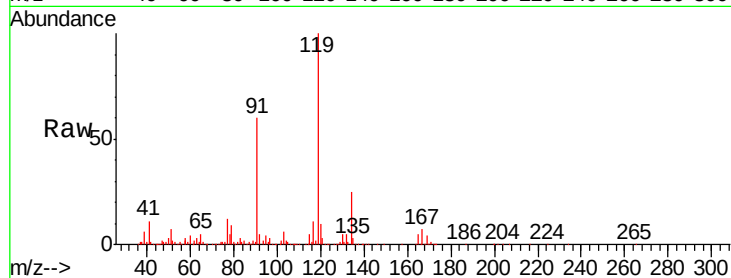




#83
 tert-Butylbenzene
 Concen: 19.097 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

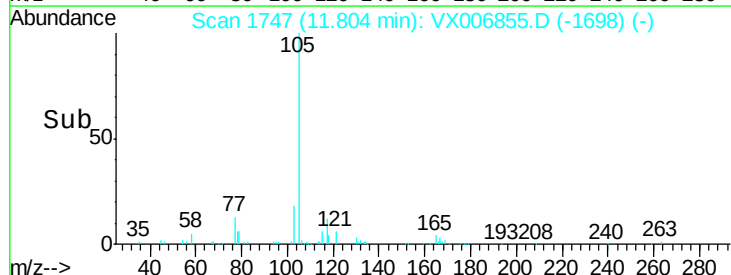
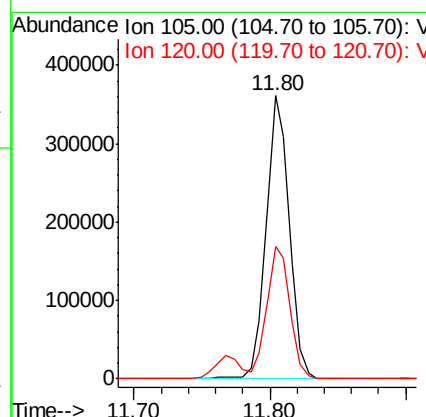
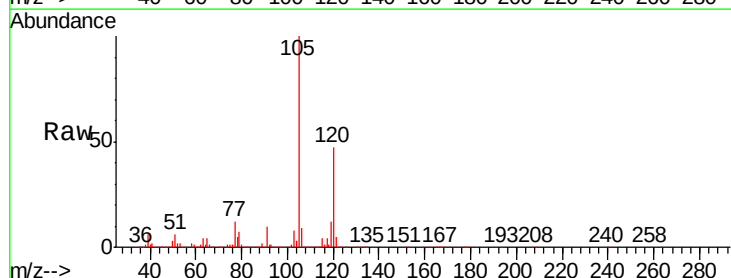
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01

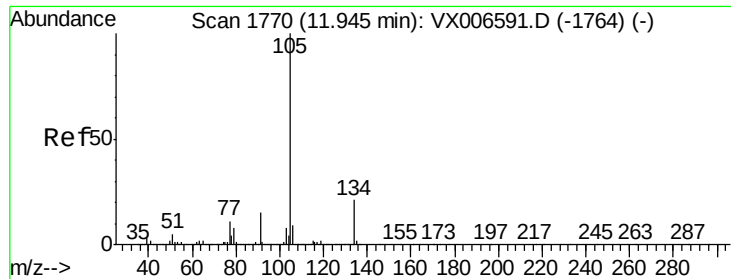
Tgt Ion:119 Resp: 415470
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.7 83.1
 134 25.0 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.963 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Tgt Ion:105 Resp: 433577
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.451 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

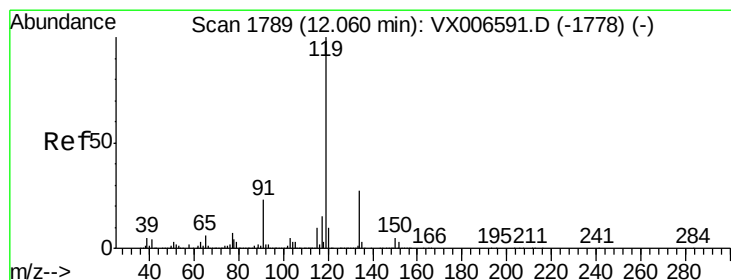
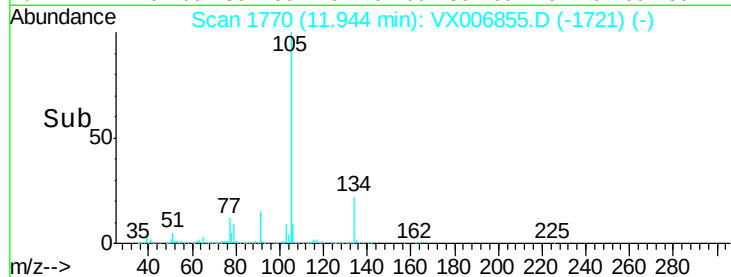
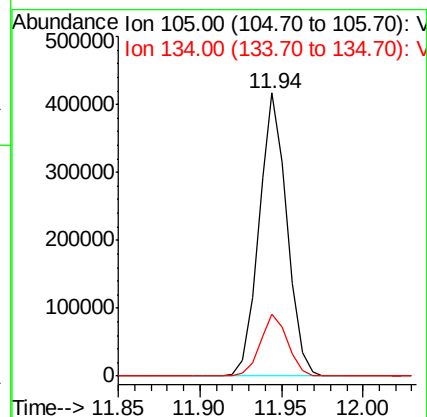
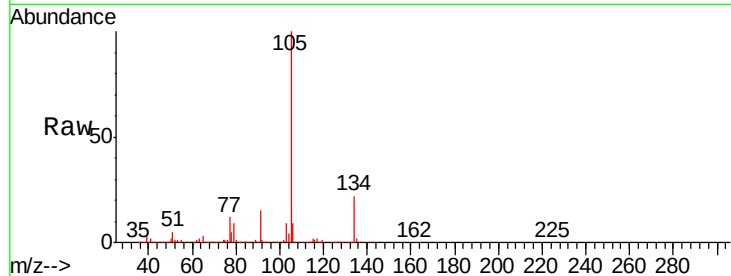
VX1228WBSD01

Tgt Ion:105 Resp: 492159

Ion Ratio Lower Upper

105 100

134 21.6 10.7 31.9



#86

p-Isopropyltoluene

Concen: 18.840 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

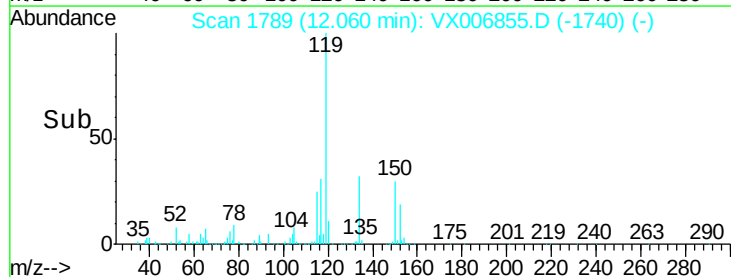
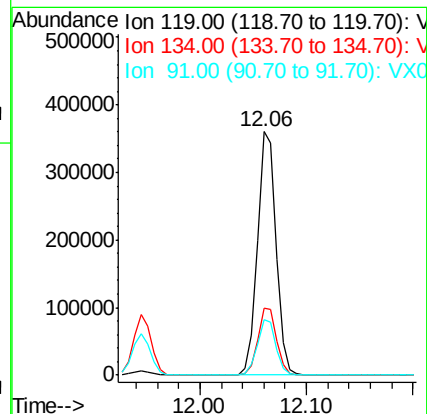
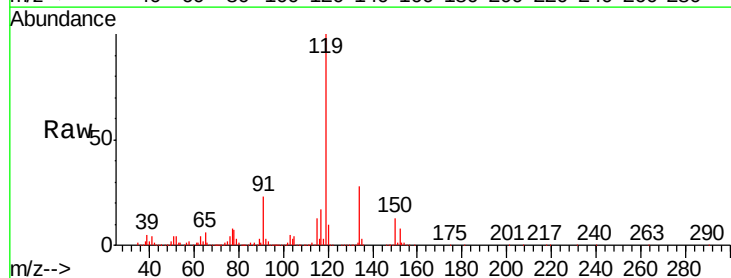
Tgt Ion:119 Resp: 441748

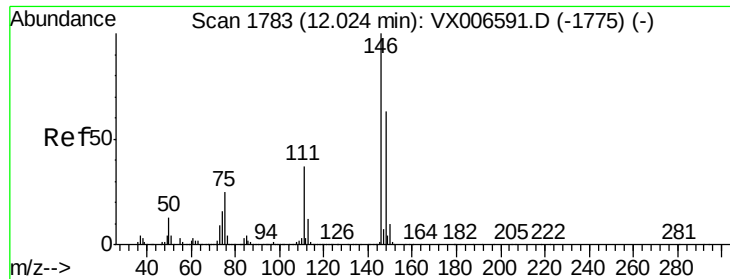
Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

91 22.9 11.3 33.9

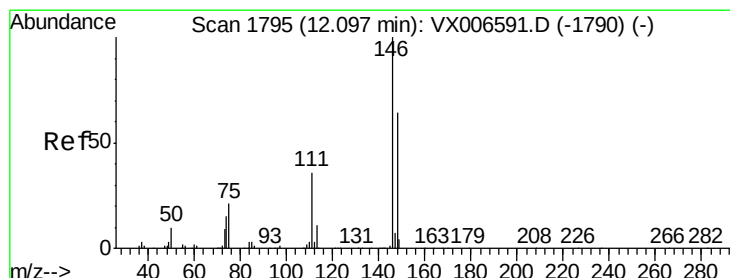
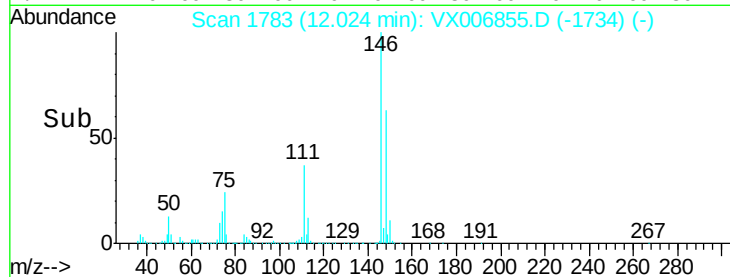
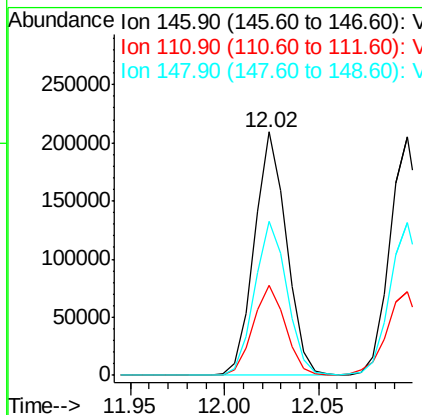
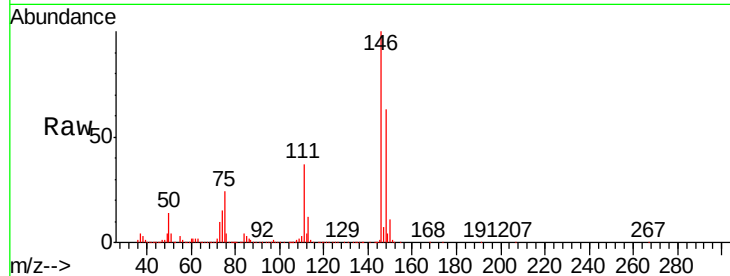




#87
 1,3-Dichlorobenzene
 Concen: 19.295 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

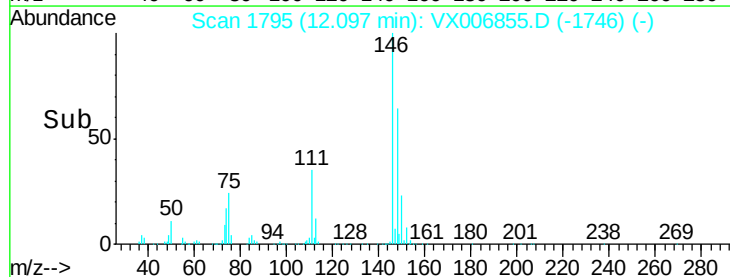
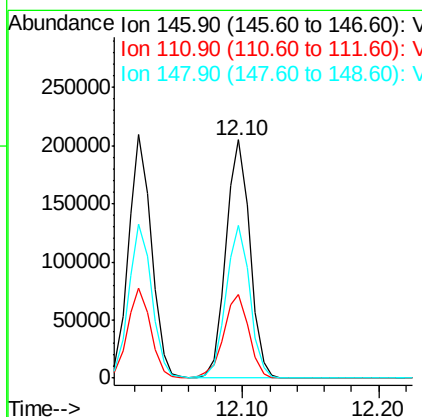
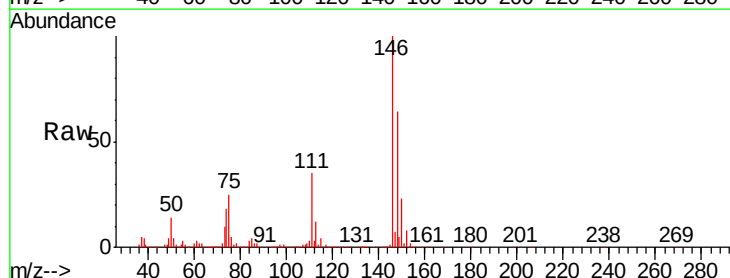
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01

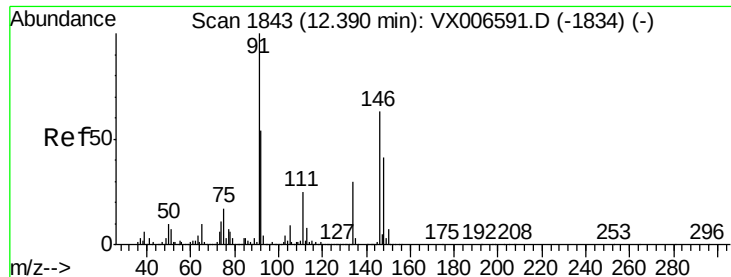
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	63.9	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.905 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	63.9	31.9	95.9





#89

n-Butylbenzene

Concen: 18.222 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

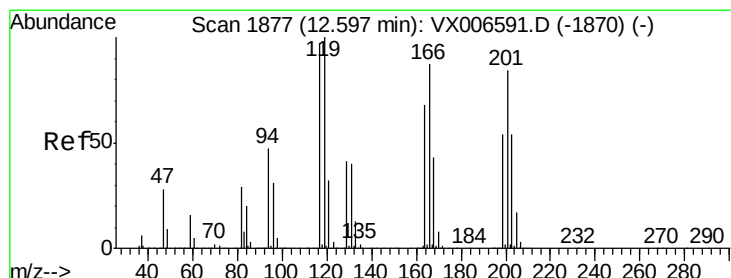
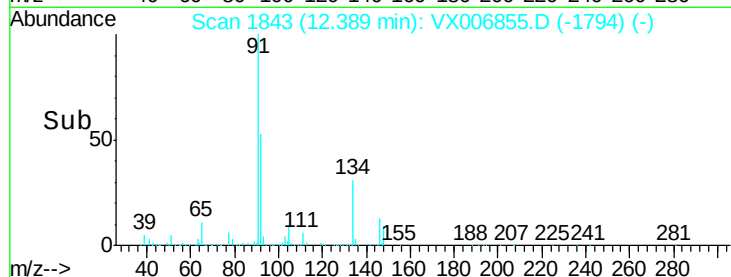
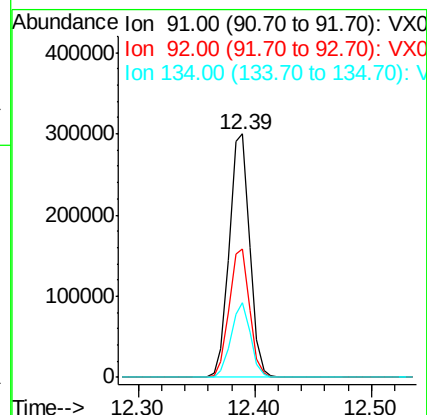
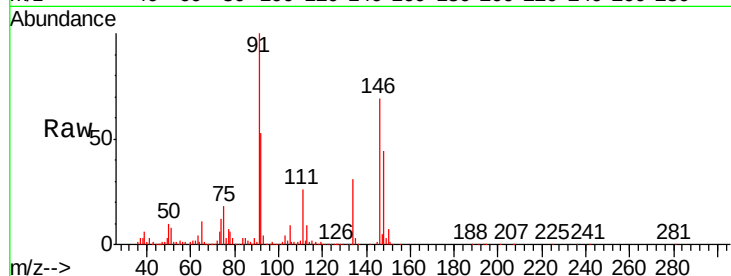
Tgt Ion: 91 Resp: 363631

Ion Ratio Lower Upper

91 100

92 52.6 26.8 80.4

134 29.3 14.4 43.2



#90

Hexachloroethane

Concen: 18.132 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006855.D

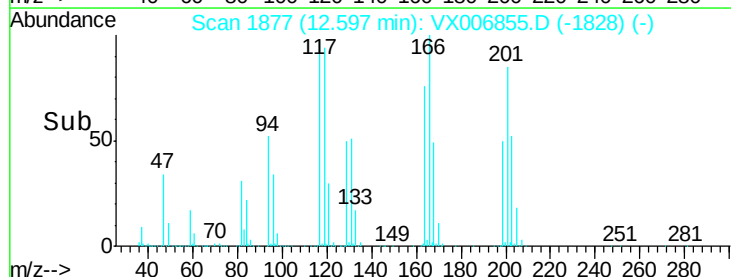
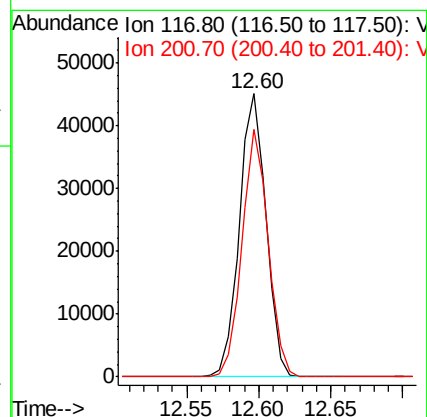
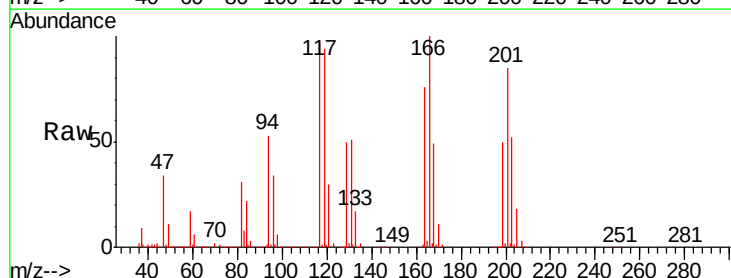
Acq: 28 Dec 2018 12:34

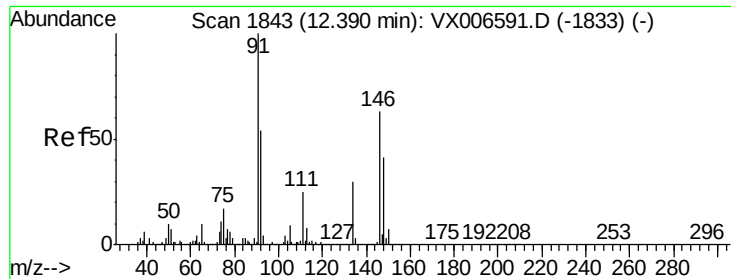
Tgt Ion: 117 Resp: 58292

Ion Ratio Lower Upper

117 100

201 85.2 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 19.373 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

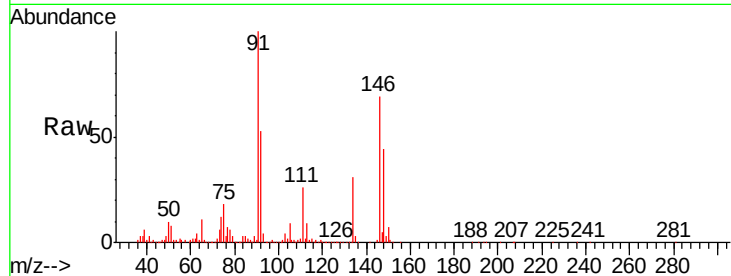
Tgt Ion: 146 Resp: 249213

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

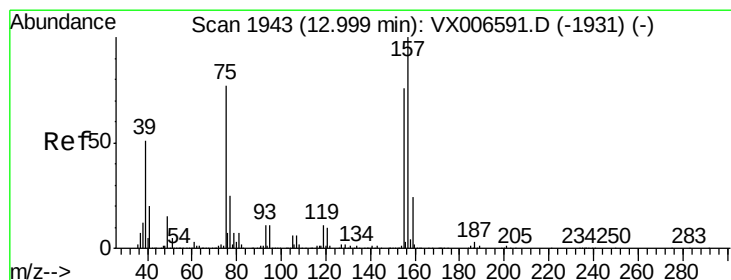
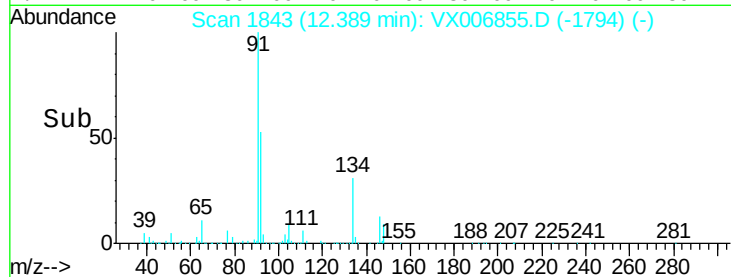
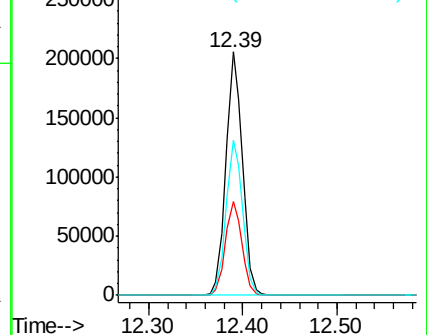
148 64.0 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.193 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

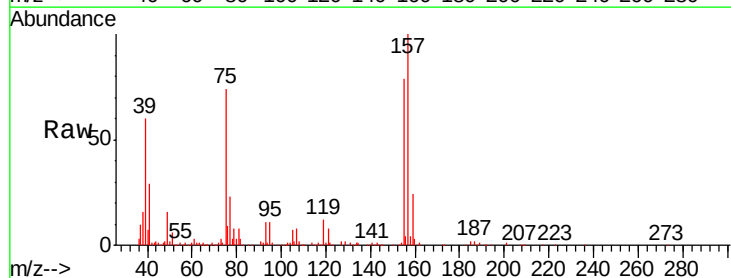
Tgt Ion: 75 Resp: 29546

Ion Ratio Lower Upper

75 100

155 103.3 50.6 151.8

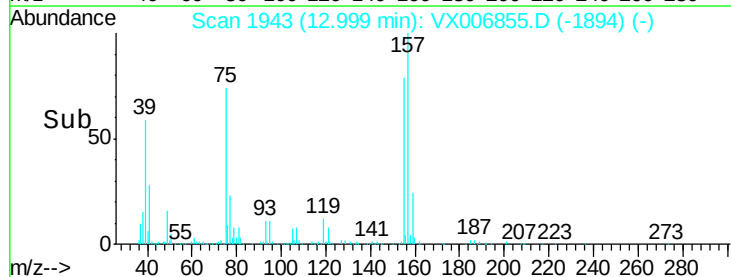
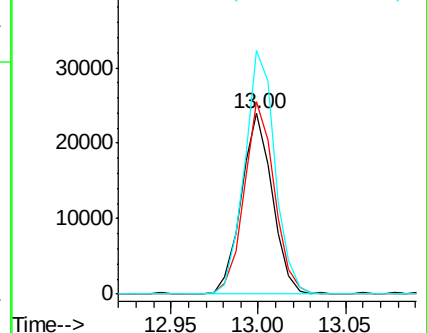
157 132.3 64.6 193.8

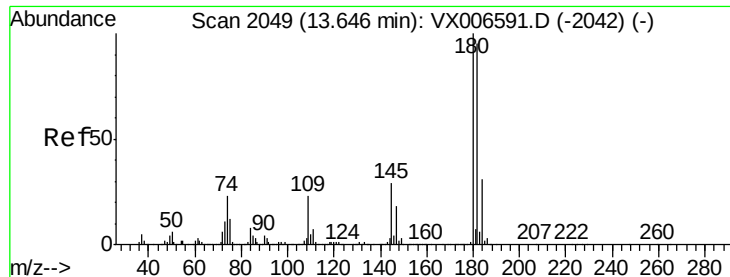


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

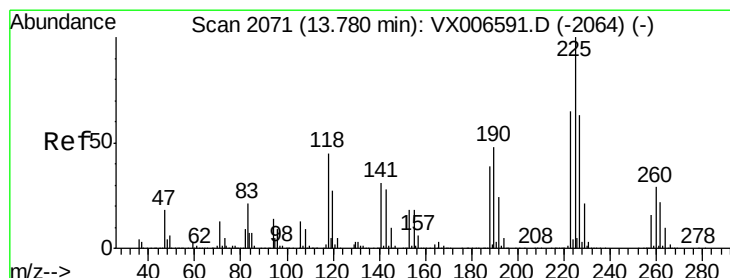
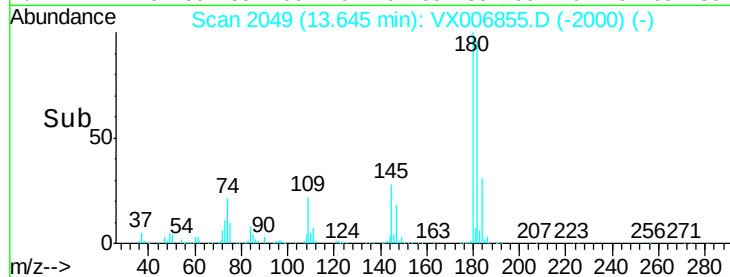
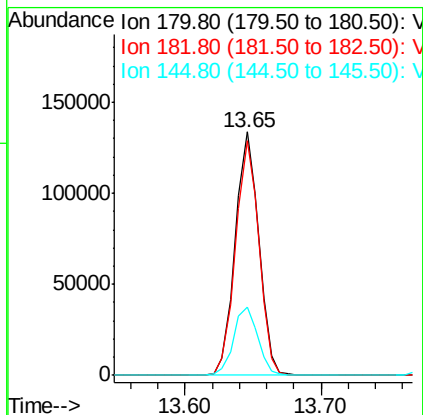
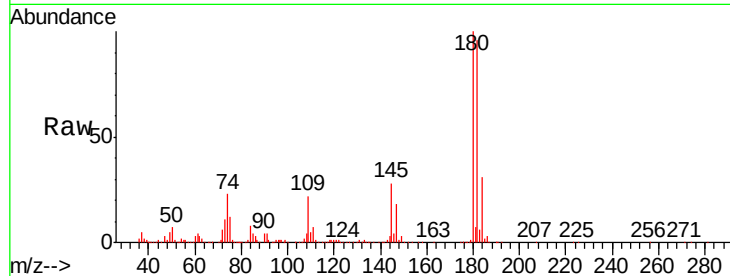




#93
 1,2,4-Trichlorobenzene
 Concen: 18.191 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

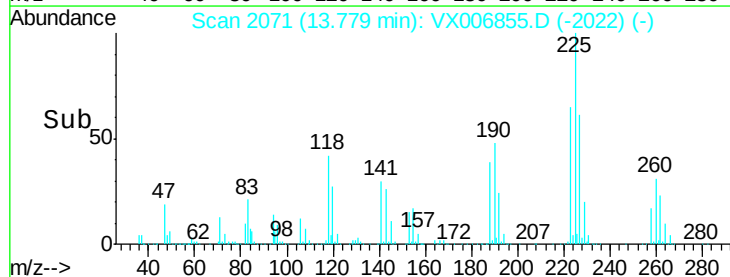
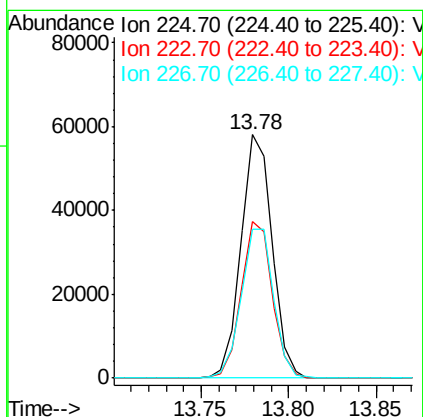
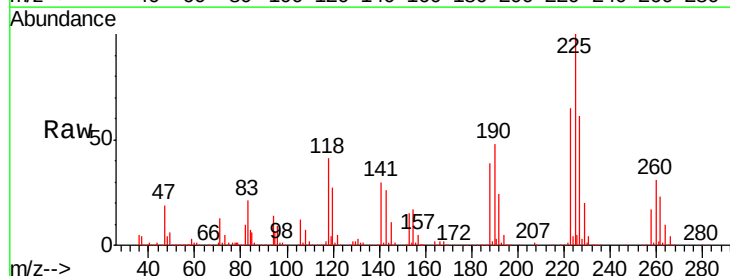
Instrument :
 MSVOA_X
 ClientSampled :
 VX1228WBSD01

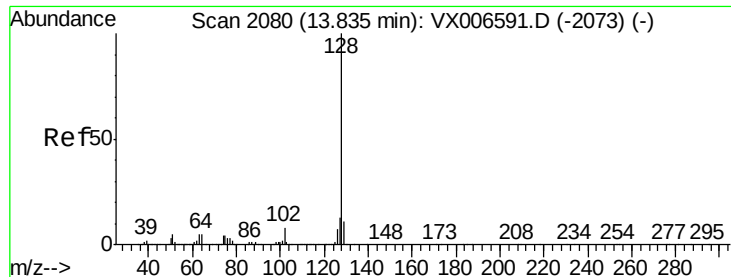
Tgt Ion:180 Resp: 161414
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 142.0
 145 28.8 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 17.207 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Tgt Ion:225 Resp: 71967
 Ion Ratio Lower Upper
 225 100
 223 64.2 32.1 96.3
 227 63.7 32.3 96.8

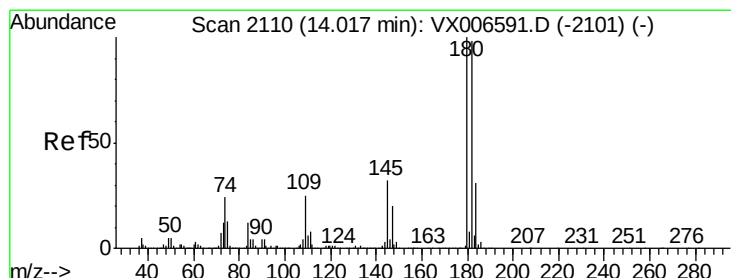
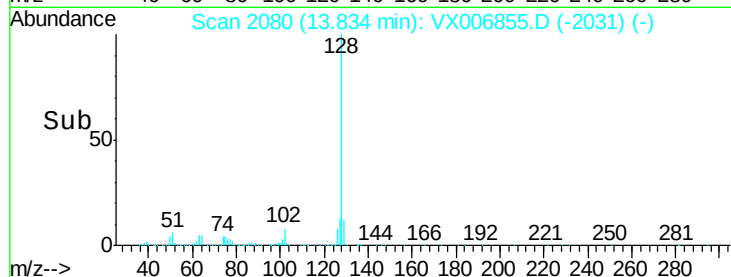
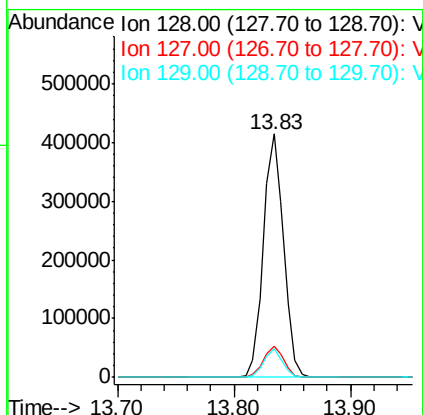
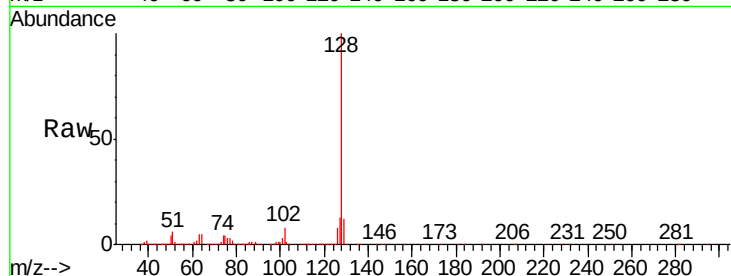




#95
Naphthalene
Concen: 17.763 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tgt Ion:128 Resp: 503073
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.756 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion:180 Resp: 162673
Ion Ratio Lower Upper
180 100
182 95.1 48.5 145.5
145 30.0 16.0 47.9

