

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
 Data File : VX003362.D
 Acq On : 13 Jul 2018 12:26
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 14 01:16:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	387193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223959	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	62858	19.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.76%	
35) Dibromofluoromethane	5.51	113	54197	19.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.04%	
50) Toluene-d8	8.72	98	188851	19.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.12%	
62) 4-Bromofluorobenzene	11.14	95	73233	18.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.90%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	46064	20.823 ug/l	98
3) Chloromethane	1.32	50	59611	21.221 ug/l	100
4) Vinyl Chloride	1.40	62	69494	19.973 ug/l	99
5) Bromomethane	1.64	94	35053	17.807 ug/l	100
6) Chloroethane	1.72	64	45631	20.926 ug/l	98
7) Trichlorofluoromethane	1.93	101	101483	20.244 ug/l	98
8) Diethyl Ether	2.19	74	44906	20.229 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64438	20.000 ug/l	97
10) Methyl Iodide	2.51	142	57732	17.643 ug/l	94
11) Tert butyl alcohol	3.08	59	86906	111.215 ug/l	99
12) 1,1-Dichloroethene	2.37	96	59231	19.798 ug/l	92
13) Acrolein	2.29	56	29046	97.150 ug/l	100
14) Allyl chloride	2.73	41	116174	20.245 ug/l	88
15) Acrylonitrile	3.15	53	200098	102.565 ug/l	98
16) Acetone	2.45	43	157351	104.020 ug/l	# 88
17) Carbon Disulfide	2.57	76	139044	18.928 ug/l	99
18) Methyl Acetate	2.78	43	100509	21.399 ug/l	94
19) Methyl tert-butyl Ether	3.21	73	220209	20.584 ug/l	99
20) Methylene Chloride	2.86	84	71247	21.372 ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	63620	19.928 ug/l	96
22) Diisopropyl ether	3.87	45	209304	19.594 ug/l	98
23) Vinyl Acetate	3.82	43	855746	98.039 ug/l	97
24) 1,1-Dichloroethane	3.70	63	119615	19.750 ug/l	99
25) 2-Butanone	4.71	43	232495	99.160 ug/l	95
26) 2,2-Dichloropropane	4.59	77	82260	19.190 ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	66904	19.064 ug/l	97
28) Bromochloromethane	5.02	49	57466	20.827 ug/l	93
29) Tetrahydrofuran	5.17	42	148210	98.952 ug/l	93
30) Chloroform	5.22	83	114506	19.725 ug/l	99
31) Cyclohexane	5.57	56	88004	18.987 ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	94237	19.487 ug/l	99
36) 1,1-Dichloropropene	5.80	75	79357	19.292 ug/l	99
37) Ethyl Acetate	4.87	43	88338	19.597 ug/l	96
38) Carbon Tetrachloride	5.78	117	81805	19.509 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	90343	19.402	ug/l	96
40) Benzene	6.15	78	252239	19.579	ug/l	98
41) Methacrylonitrile	5.07	41	50699	19.633	ug/l	94
42) 1,2-Dichloroethane	6.20	62	90503	20.111	ug/l	97
43) Isopropyl Acetate	6.47	43	138254	19.572	ug/l	95
44) Trichloroethene	7.21	130	69584	19.061	ug/l	96
45) 1,2-Dichloropropane	7.52	63	69316	20.283	ug/l	99
46) Dibromomethane	7.67	93	44654	20.323	ug/l	98
47) Bromodichloromethane	7.90	83	83170	20.076	ug/l	99
48) Methyl methacrylate	7.78	41	71970	19.962	ug/l	87
49) 1,4-Dioxane	7.76	88	33491	425.680	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	469512	101.681	ug/l	93
52) Toluene	8.79	92	159546	19.543	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	95285	19.582	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	85456	19.225	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	67726	19.875	ug/l	98
56) Ethyl methacrylate	9.18	69	94427	19.401	ug/l #	88
57) 1,3-Dichloropropane	9.38	76	111089	20.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	244082	103.198	ug/l	98
59) 2-Hexanone	9.50	43	361395	106.113	ug/l	92
60) Dibromochloromethane	9.59	129	67798	20.497	ug/l	99
61) 1,2-Dibromoethane	9.68	107	70865	20.625	ug/l	99
64) Tetrachloroethene	9.34	164	79785	19.680	ug/l	98
65) Chlorobenzene	10.14	112	185407	19.288	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	66152	19.463	ug/l	99
67) Ethyl Benzene	10.26	91	301988	19.305	ug/l	99
68) m/p-Xylenes	10.36	106	235435	39.069	ug/l	97
69) o-Xylene	10.70	106	112777	19.161	ug/l	98
70) Styrene	10.71	104	190267	19.236	ug/l	98
71) Bromoform	10.86	173	48489	18.634	ug/l #	98
73) Isopropylbenzene	11.02	105	303405	19.593	ug/l	100
74) N-amyl acetate	6.47	43	138254	19.260	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	99670	19.715	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	112125	25.341	ug/l	80
77) Bromobenzene	11.26	156	83818	19.155	ug/l	99
78) n-propylbenzene	11.37	91	342369	19.560	ug/l	100
79) 2-Chlorotoluene	11.42	91	207891	19.228	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	251333	19.584	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24952	18.802	ug/l	100
82) 4-Chlorotoluene	11.51	91	243157	19.304	ug/l	99
83) tert-Butylbenzene	11.77	119	250026	19.678	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	266465	20.468	ug/l	98
85) sec-Butylbenzene	11.95	105	300218	19.769	ug/l	100
86) p-Isopropyltoluene	12.07	119	271353	19.973	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	157473	19.275	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	158214	19.074	ug/l	99
89) n-Butylbenzene	12.39	91	219630	18.892	ug/l	99
90) Hexachloroethane	12.60	117	37019	18.177	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	159854	19.552	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19519	19.471	ug/l	94

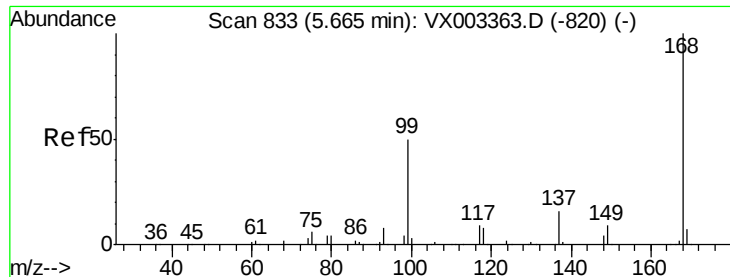
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107795	19.272	ug/l	99
94) Hexachlorobutadiene	13.79	225	49307	18.682	ug/l	99
95) Naphthalene	13.84	128	318045	20.288	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111976	19.837	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

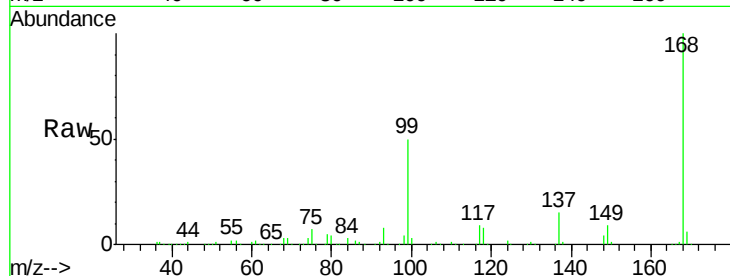
VSTDIC020

Tgt Ion:168 Resp: 269478

Ion Ratio Lower Upper

168 100

99 49.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

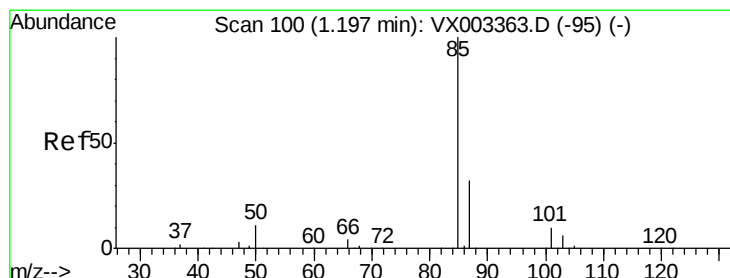
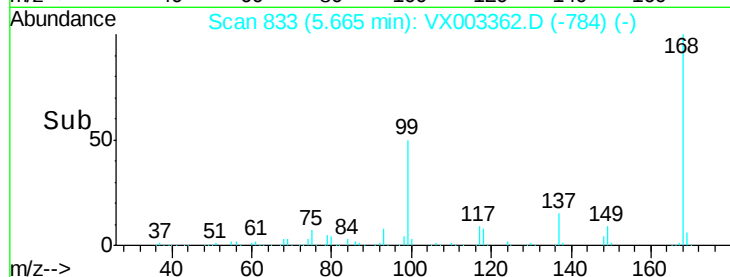
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.823 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003362.D

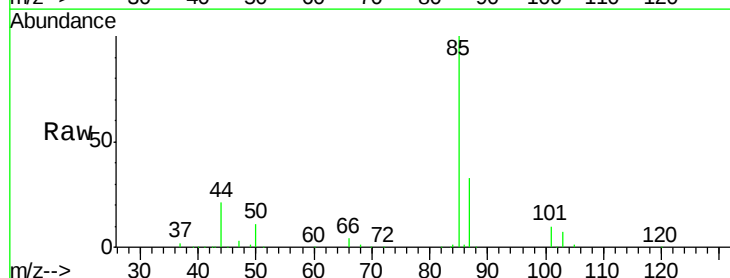
Acq: 13 Jul 2018 12:26

Tgt Ion: 85 Resp: 46064

Ion Ratio Lower Upper

85 100

87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

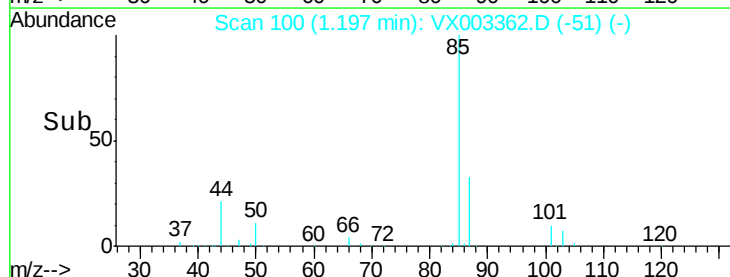
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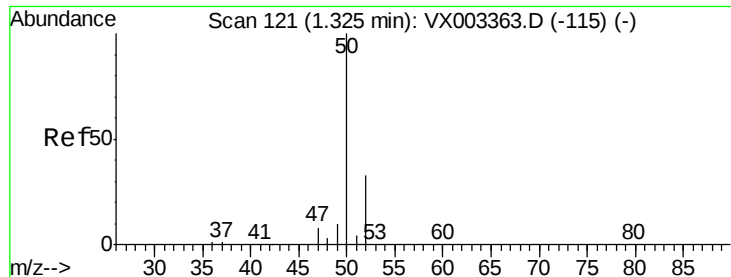
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 21.221 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

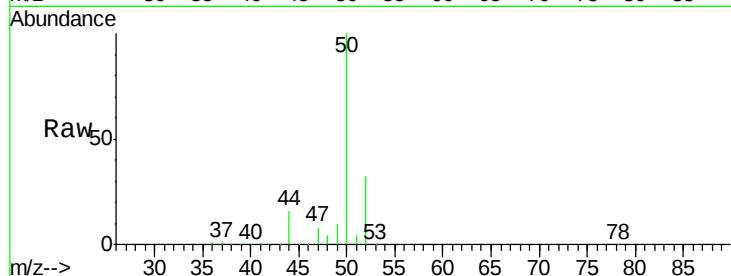
VSTDIC020

Tgt Ion: 50 Resp: 59611

Ion Ratio Lower Upper

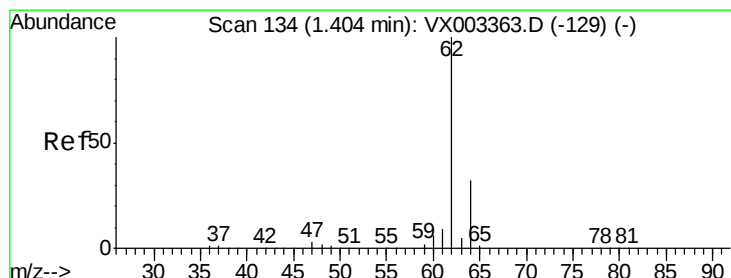
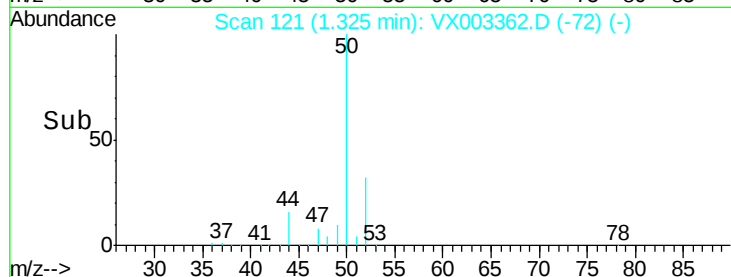
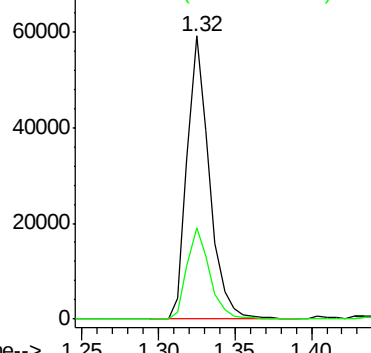
50 100

52 32.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.973 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003362.D

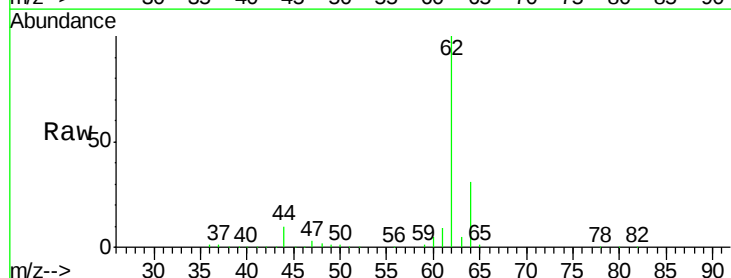
Acq: 13 Jul 2018 12:26

Tgt Ion: 62 Resp: 69494

Ion Ratio Lower Upper

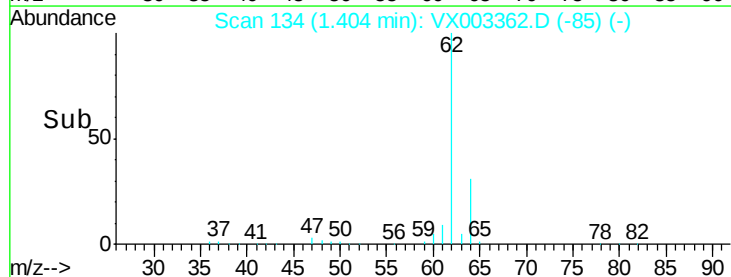
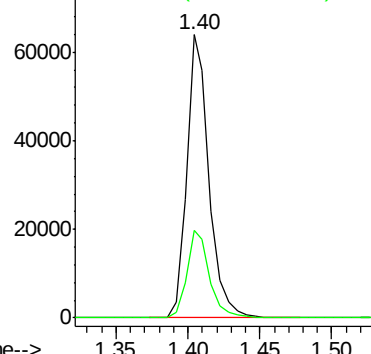
62 100

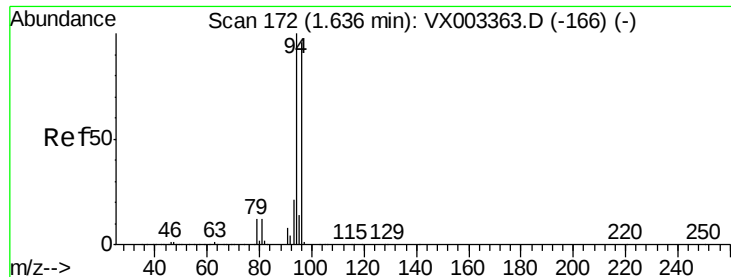
64 31.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.807 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

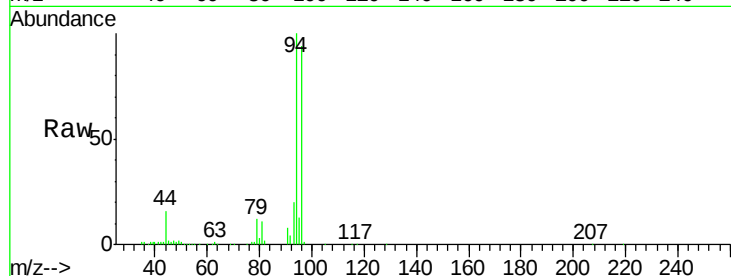
VSTDIC020

Tgt Ion: 94 Resp: 35053

Ion Ratio Lower Upper

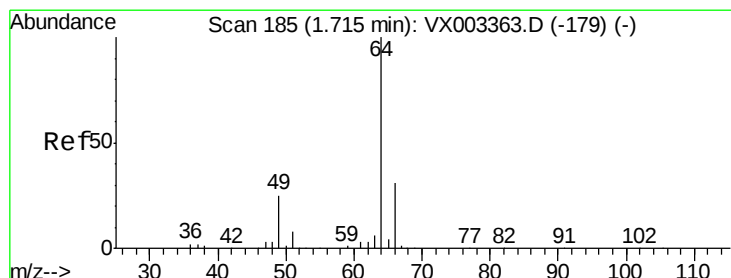
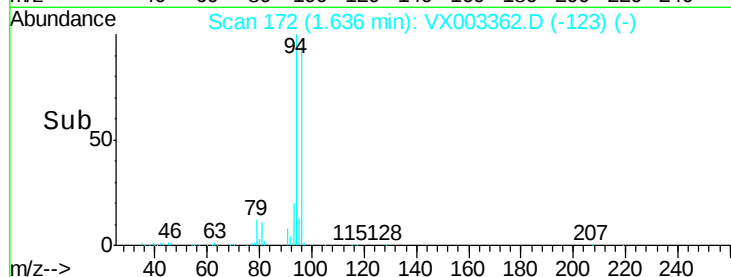
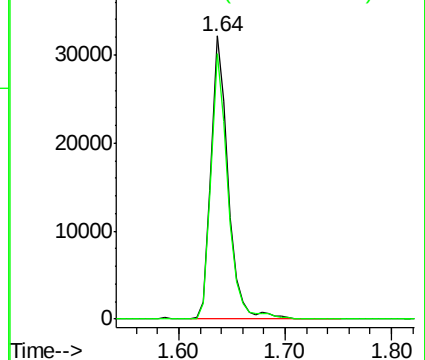
94 100

96 93.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.926 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003362.D

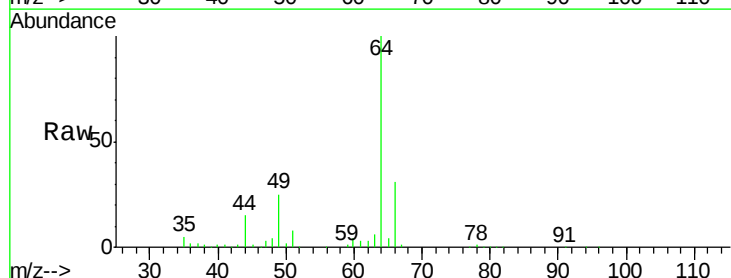
Acq: 13 Jul 2018 12:26

Tgt Ion: 64 Resp: 45631

Ion Ratio Lower Upper

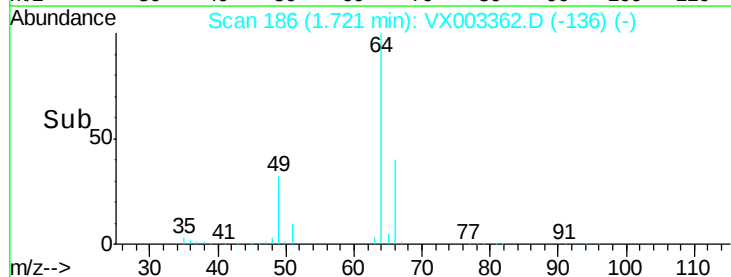
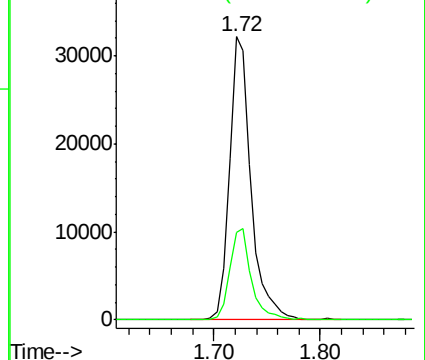
64 100

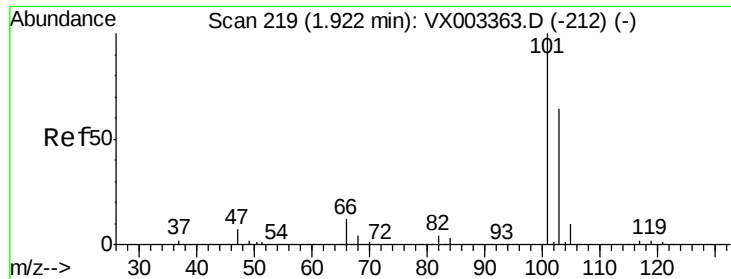
66 30.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



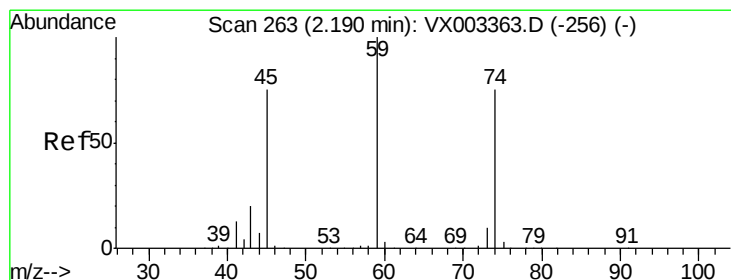
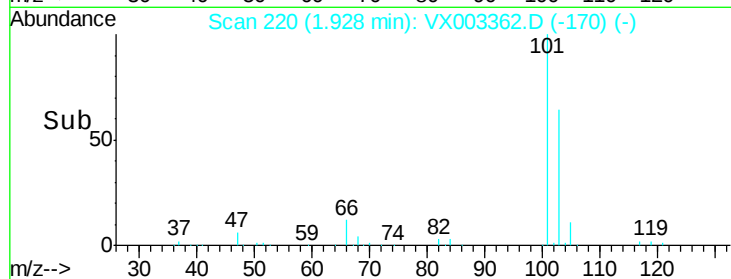
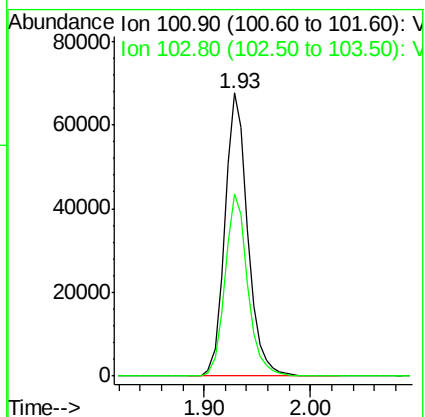
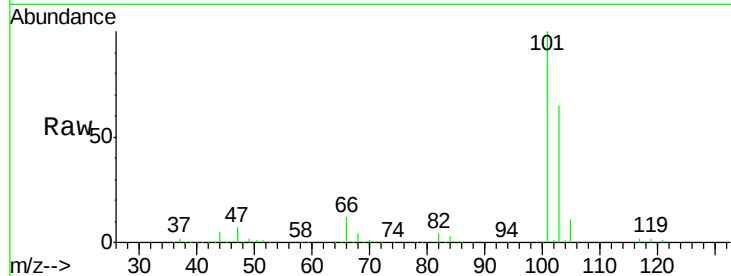


#7

Trichlorofluoromethane
 Concen: 20.244 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Instrument :
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 VSTDIC020

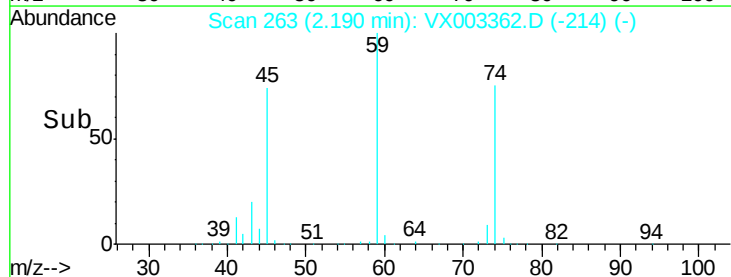
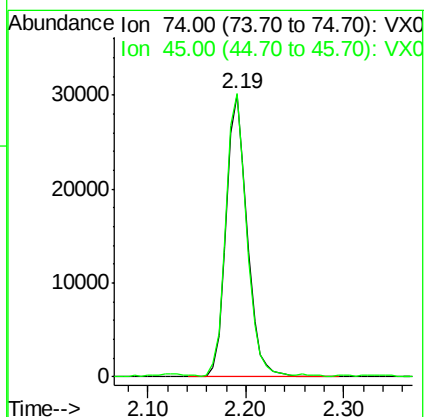
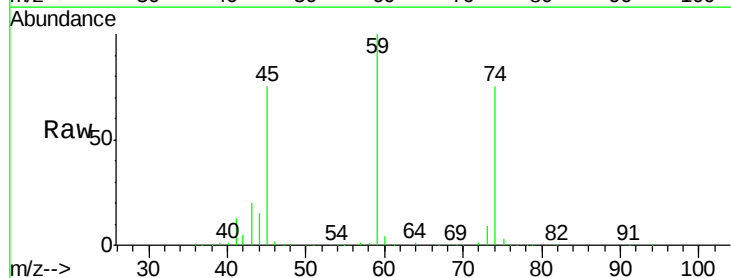
Tgt Ion: 101 Resp: 101483
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.8 79.2

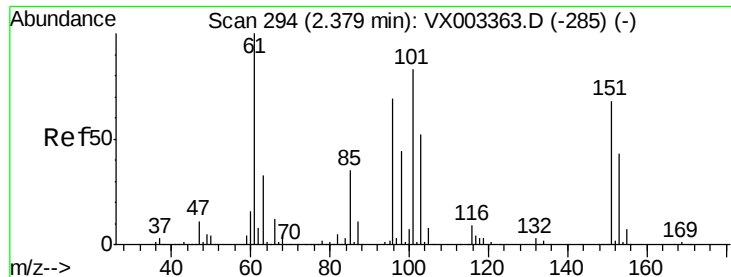


#8

Diethyl Ether
 Concen: 20.229 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Tgt Ion: 74 Resp: 44906
 Ion Ratio Lower Upper
 74 100
 45 100.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.000 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

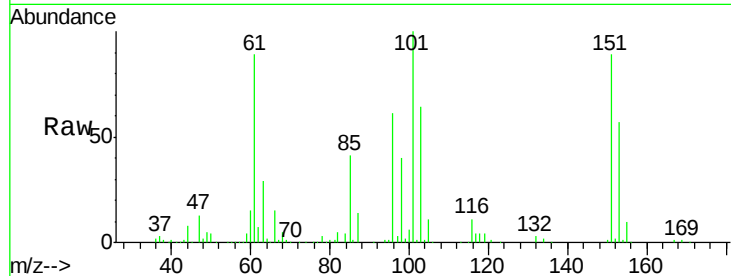
Tgt Ion:101 Resp: 64438

Ion Ratio Lower Upper

101 100

85 42.6 36.0 54.0

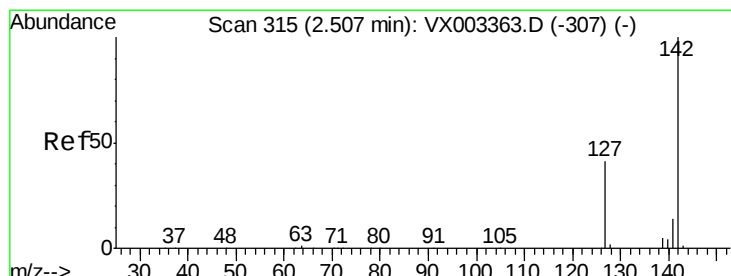
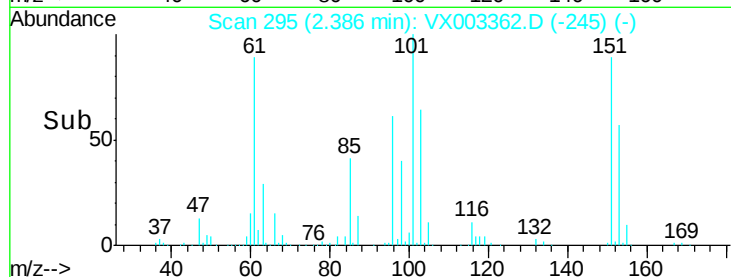
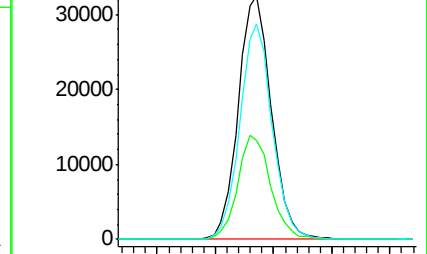
151 86.6 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.643 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

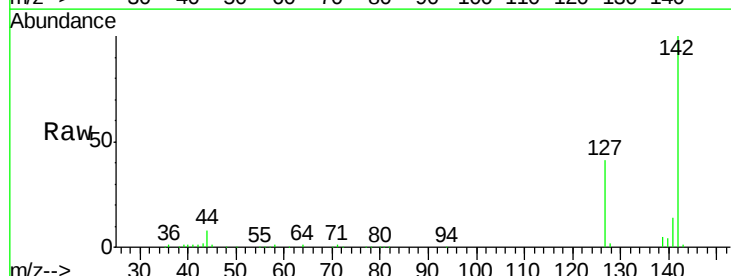
Tgt Ion:142 Resp: 57732

Ion Ratio Lower Upper

142 100

127 40.8 36.6 55.0

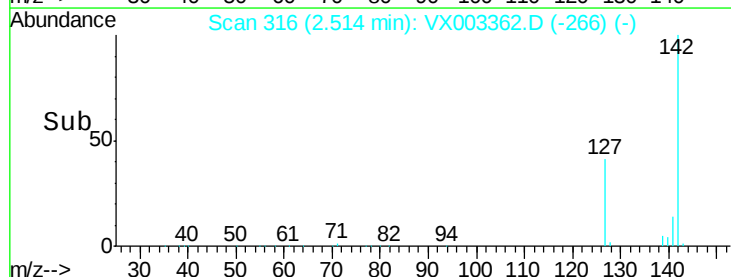
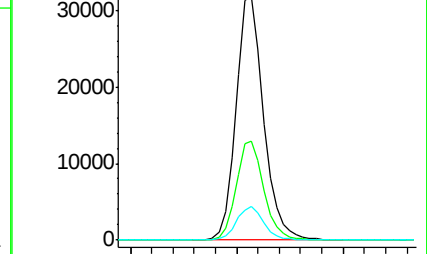
141 13.6 11.3 16.9

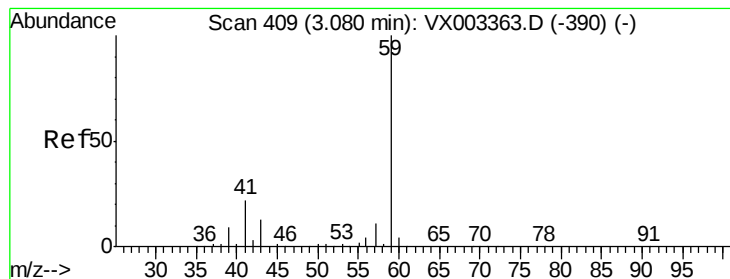


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



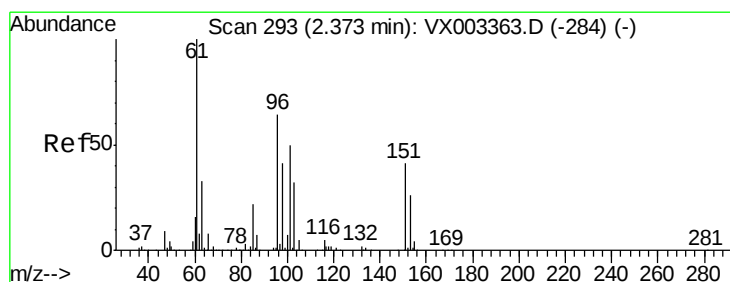
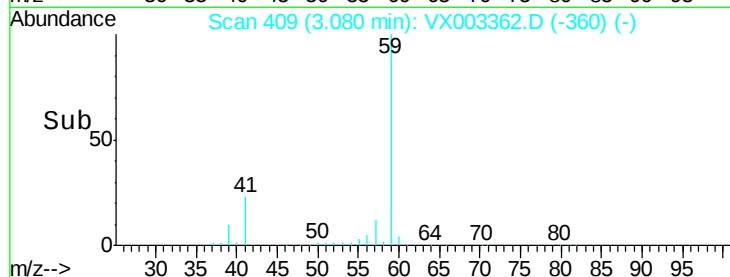
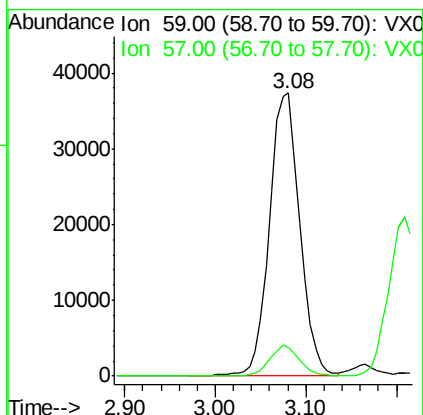
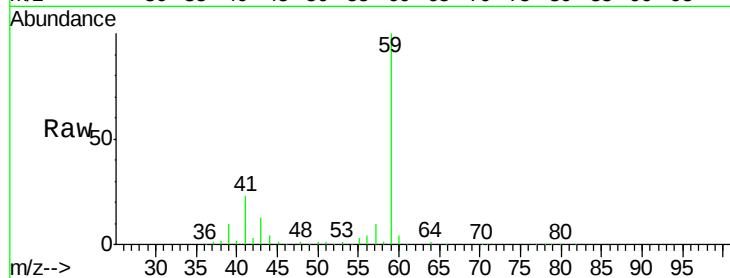


#11

Tert butyl alcohol
 Concen: 111.215 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

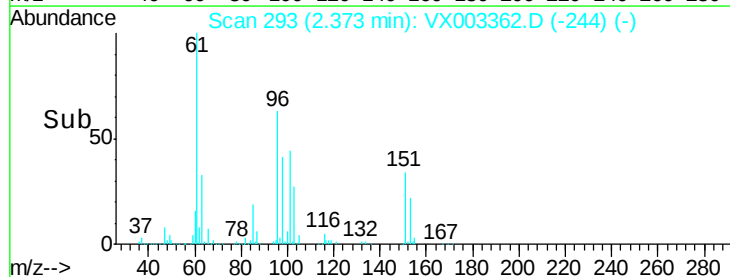
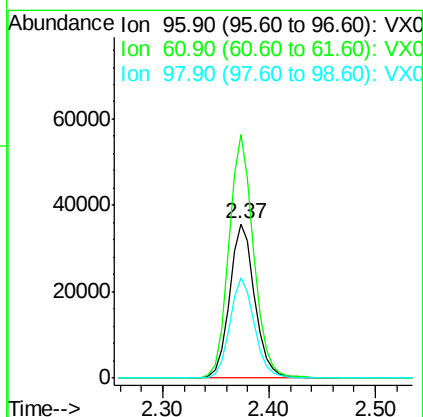
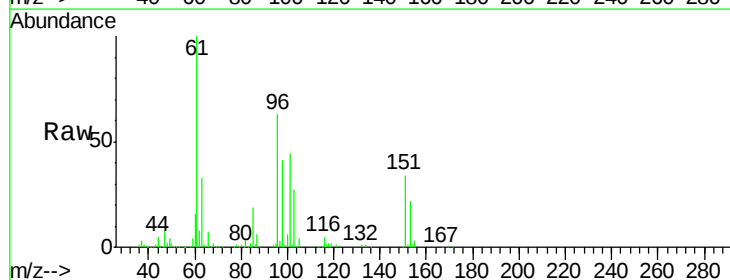
Tgt Ion: 59 Resp: 86906
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

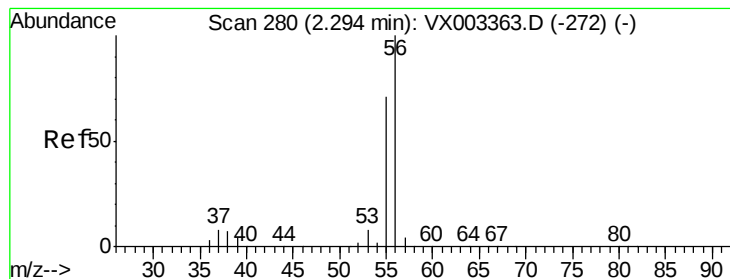


#12

1,1-Dichloroethene
 Concen: 19.798 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Tgt Ion: 96 Resp: 59231
 Ion Ratio Lower Upper
 96 100
 61 157.9 137.9 206.9
 98 65.1 51.6 77.4





#13

Acrolein

Concen: 97.150 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

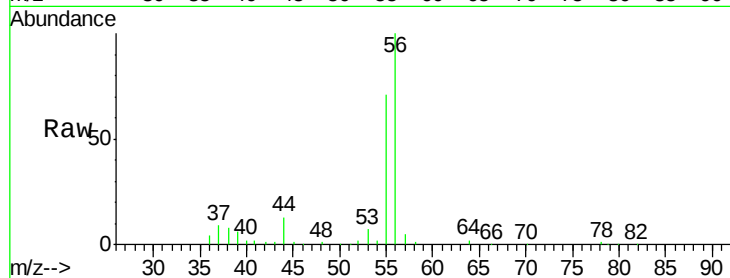
VSTDIC020

Tgt Ion: 56 Resp: 29046

Ion Ratio Lower Upper

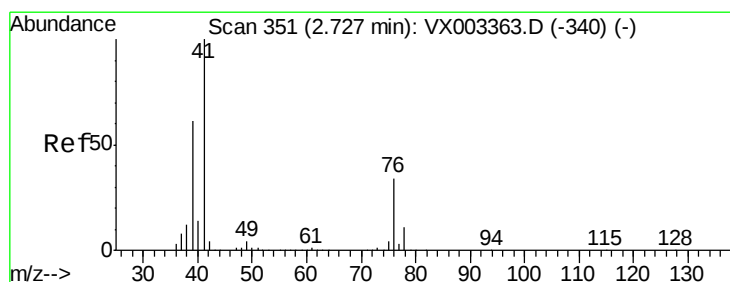
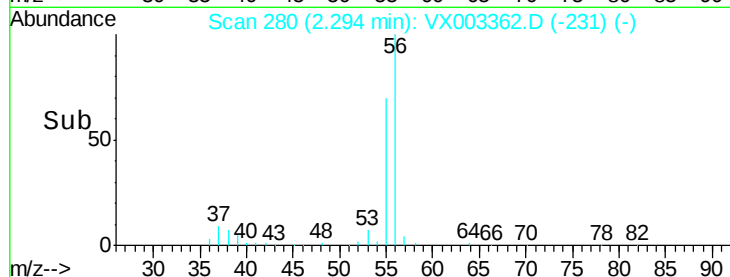
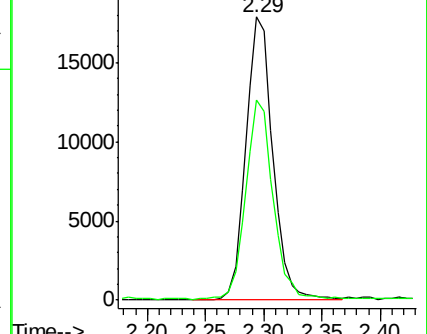
56 100

55 71.0 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.245 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

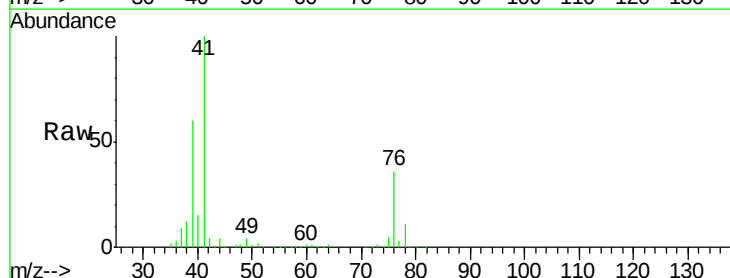
Tgt Ion: 41 Resp: 116174

Ion Ratio Lower Upper

41 100

39 58.0 56.8 85.2

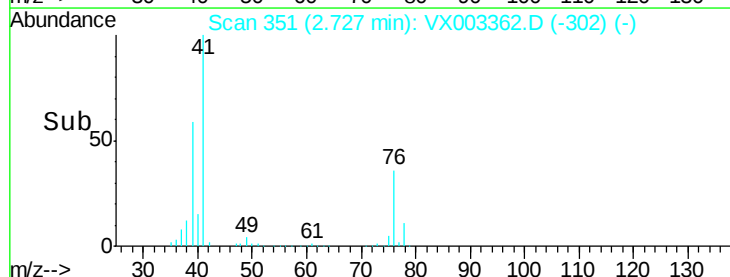
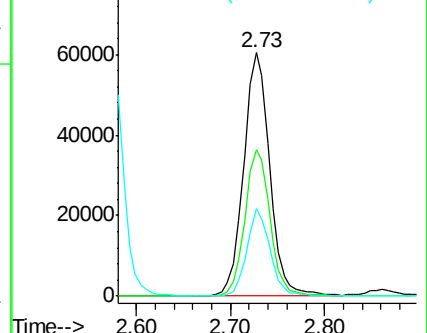
76 32.1 23.8 35.8

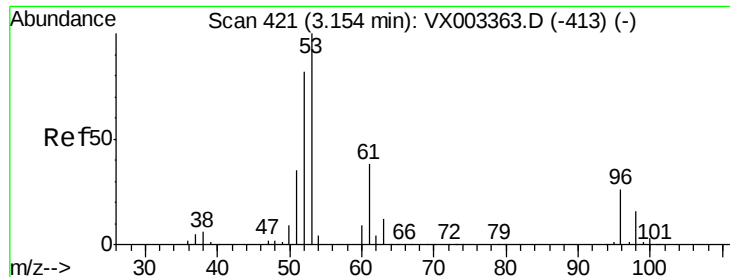


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 102.565 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

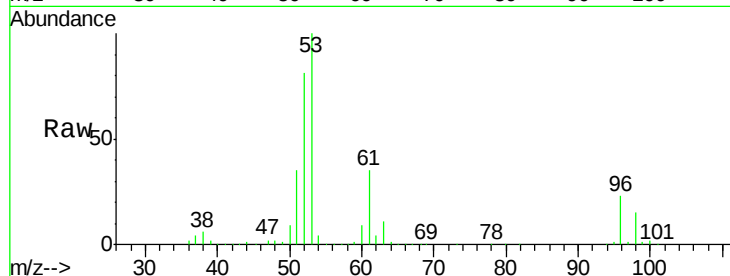
Tgt Ion: 53 Resp: 200098

Ion Ratio Lower Upper

53 100

52 82.7 66.7 100.1

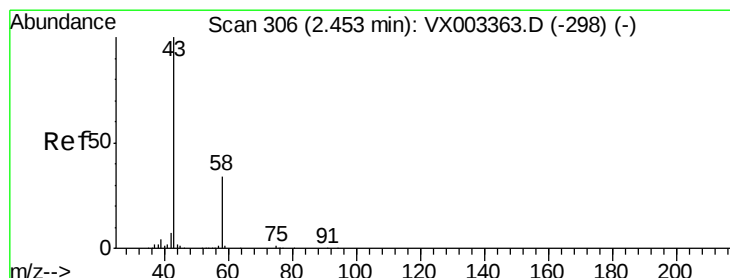
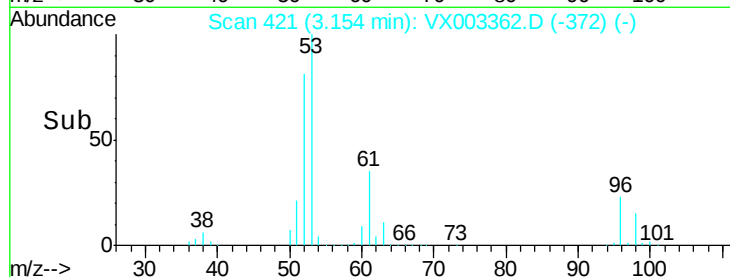
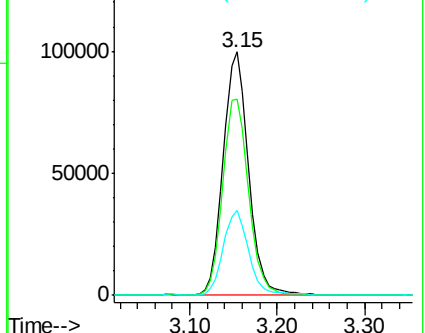
51 35.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 104.020 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003362.D

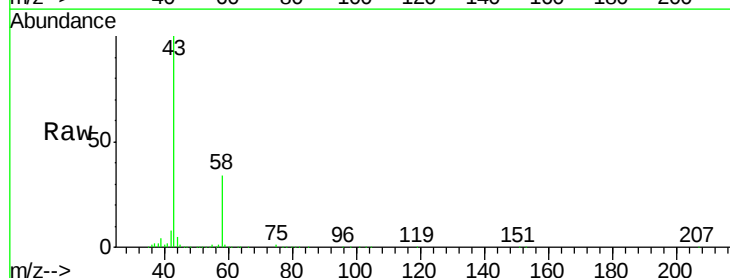
Acq: 13 Jul 2018 12:26

Tgt Ion: 43 Resp: 157351

Ion Ratio Lower Upper

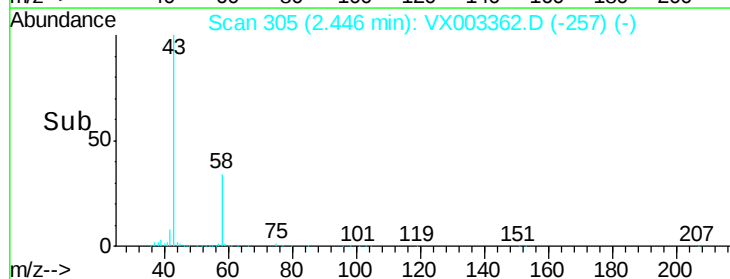
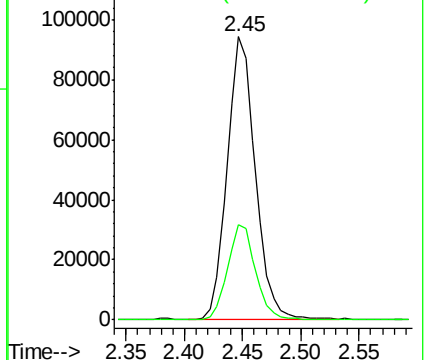
43 100

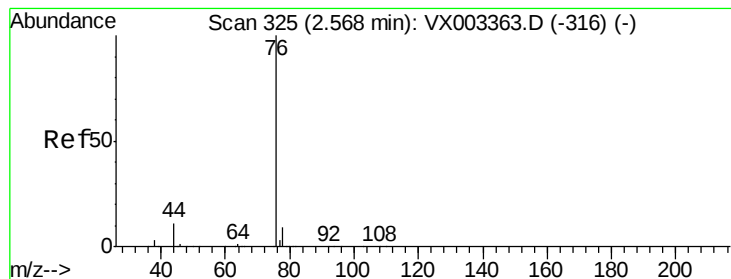
58 33.7 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.928 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

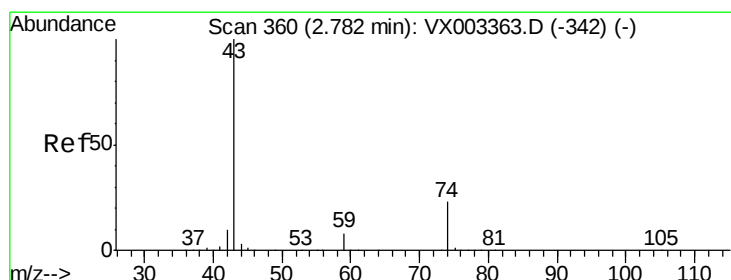
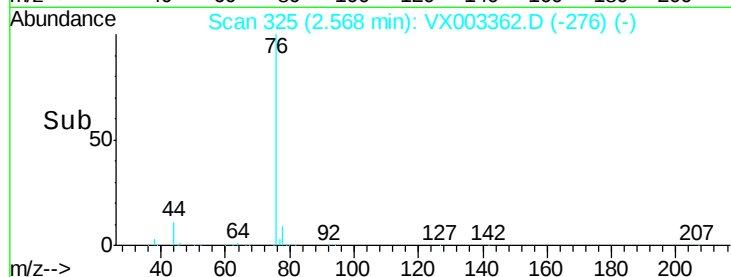
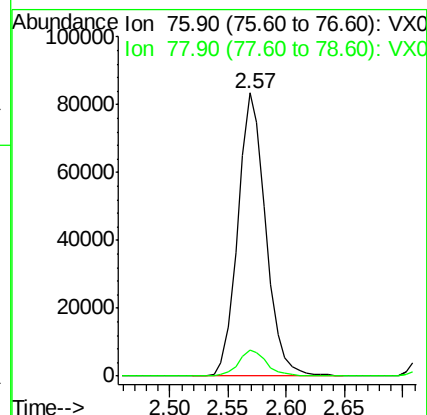
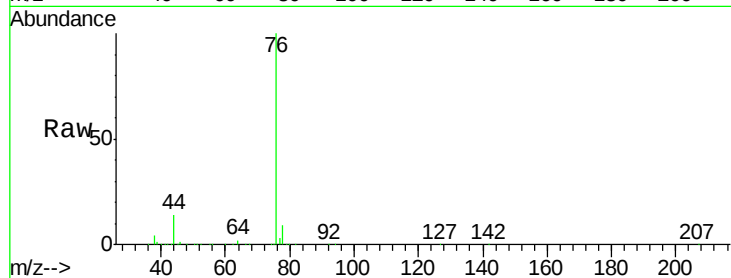
VSTDIC020

Tgt Ion: 76 Resp: 139044

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3



#18

Methyl Acetate

Concen: 21.399 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003362.D

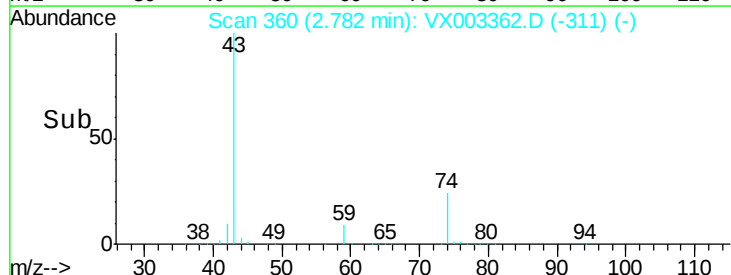
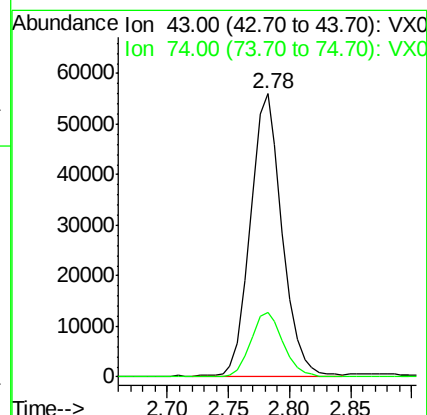
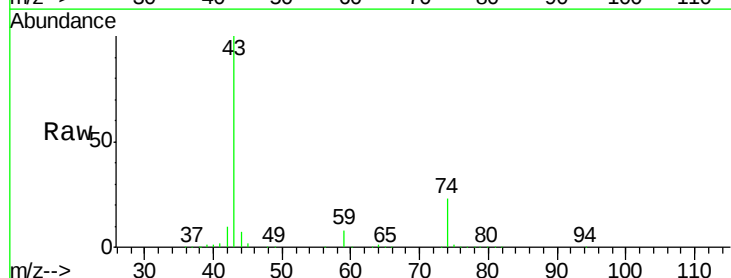
Acq: 13 Jul 2018 12:26

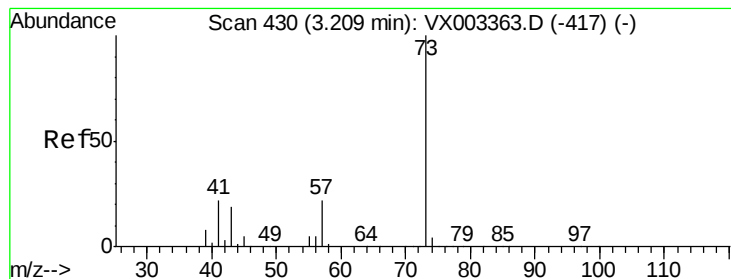
Tgt Ion: 43 Resp: 100509

Ion Ratio Lower Upper

43 100

74 23.8 16.7 25.1



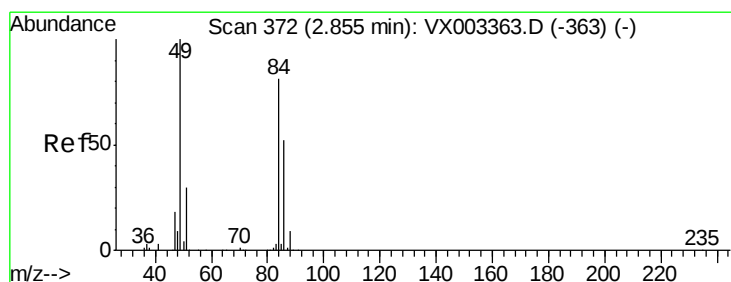
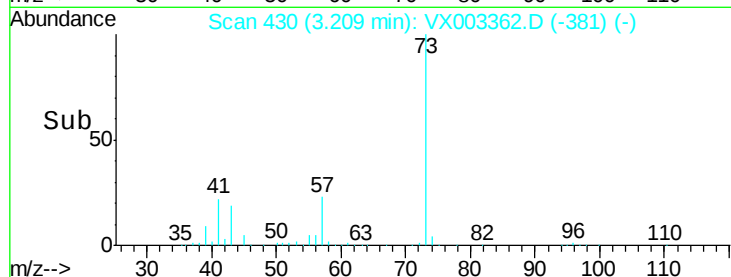
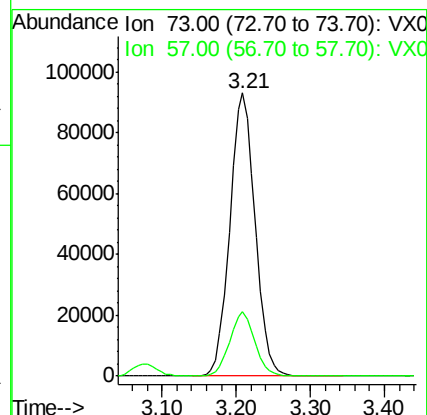
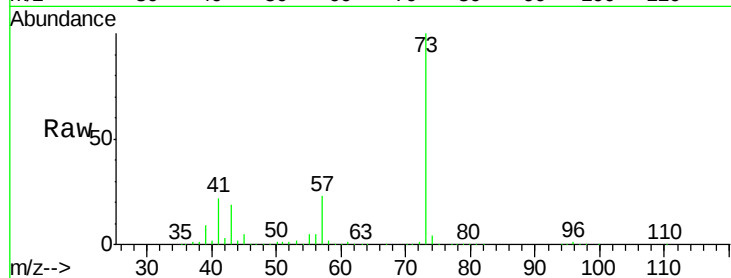


#19

Methyl tert-butyl Ether
 Concen: 20.584 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

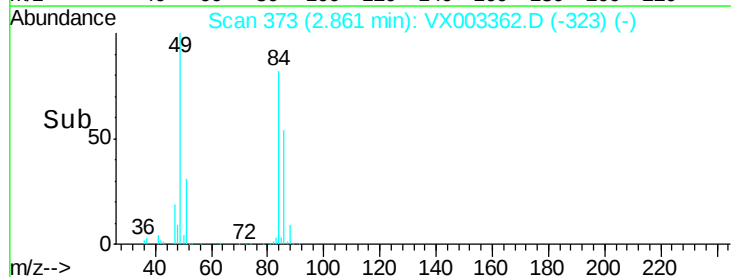
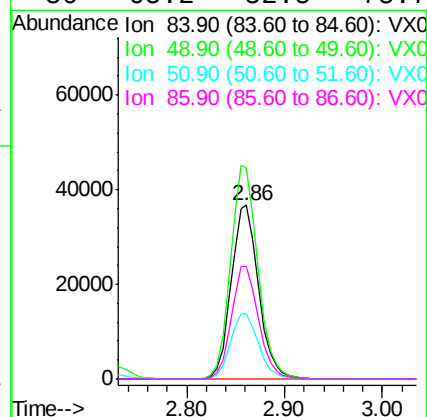
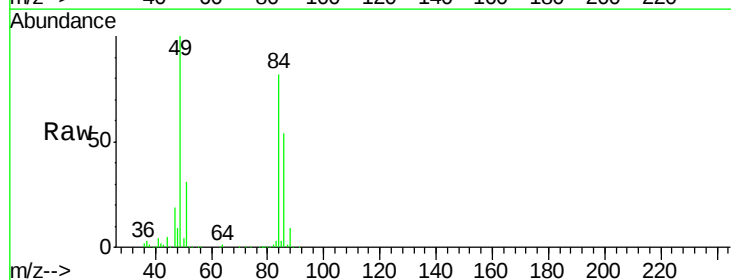
Tgt Ion: 73 Resp: 220209
 Ion Ratio Lower Upper
 73 100
 57 22.6 17.7 26.5

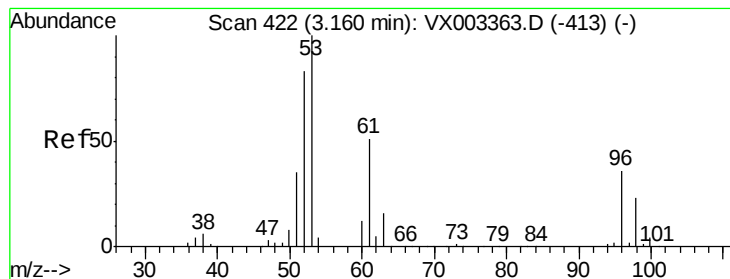


#20

Methylene Chloride
 Concen: 21.372 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Tgt Ion: 84 Resp: 71247
 Ion Ratio Lower Upper
 84 100
 49 121.6 107.8 161.6
 51 37.7 32.8 49.2
 86 65.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.928 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

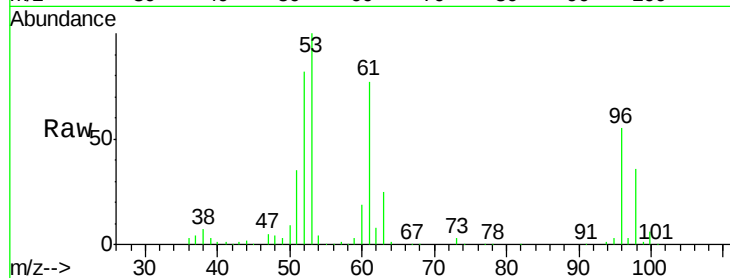
Tgt Ion: 96 Resp: 63620

Ion Ratio Lower Upper

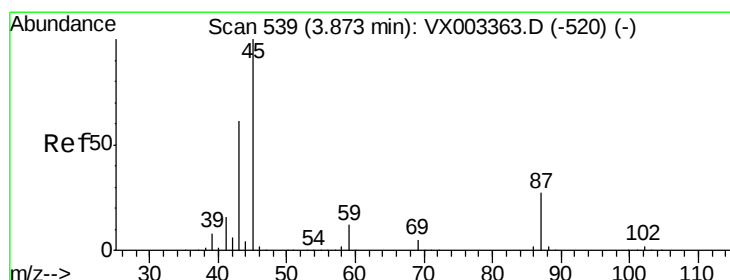
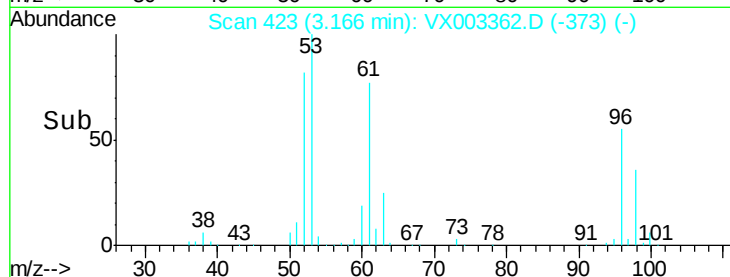
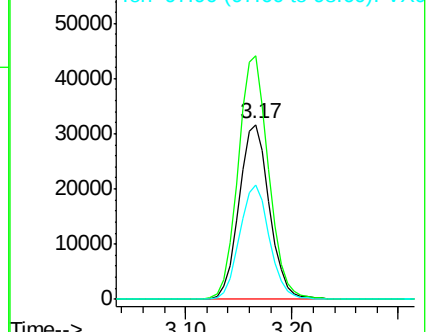
96 100

61 139.3 117.0 175.4

98 65.8 52.4 78.6



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



#22

Diisopropyl ether

Concen: 19.594 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Tgt Ion: 45 Resp: 209304

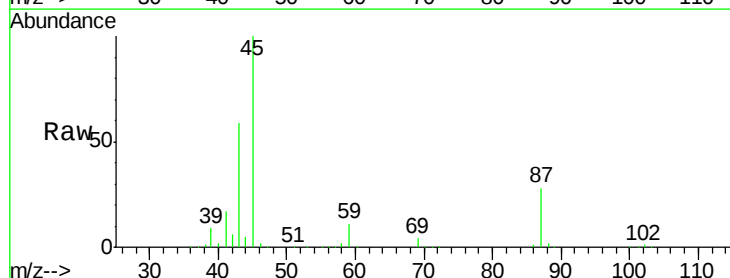
Ion Ratio Lower Upper

45 100

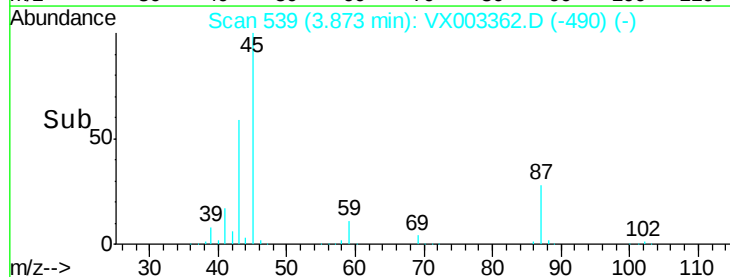
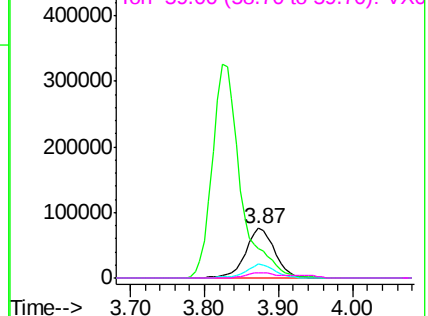
43 58.1 46.8 70.2

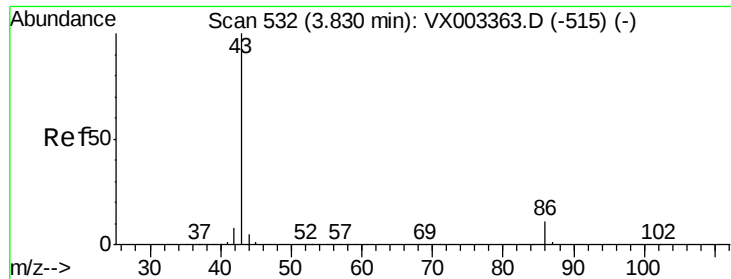
87 27.7 20.2 30.4

59 11.4 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.039 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

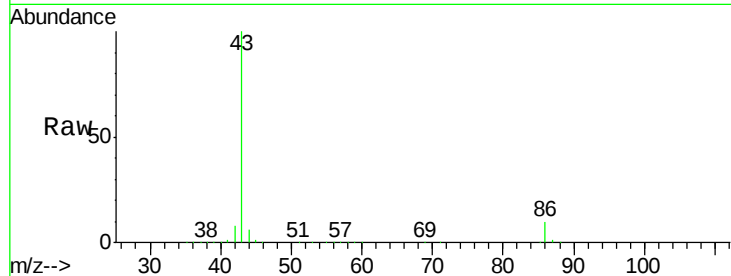
VSTDIC020

Tgt Ion: 43 Resp: 855746

Ion Ratio Lower Upper

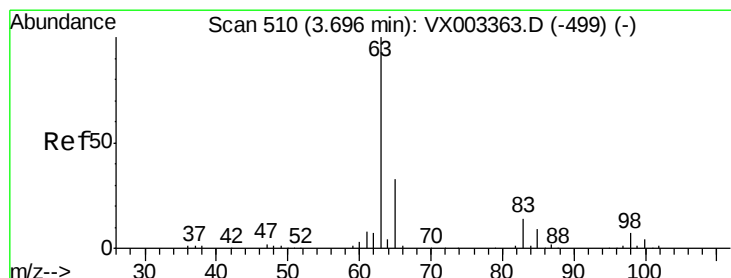
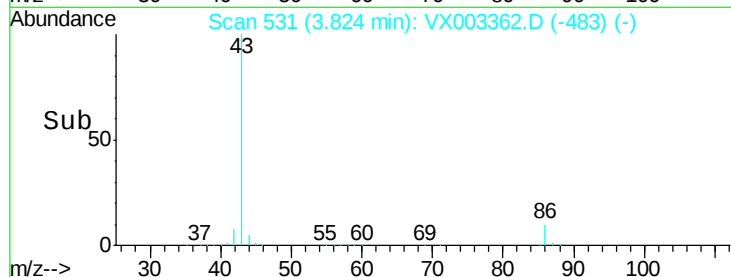
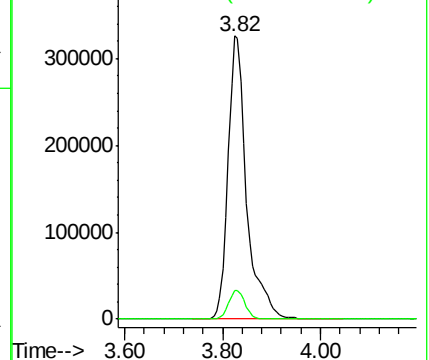
43 100

86 10.4 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.750 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

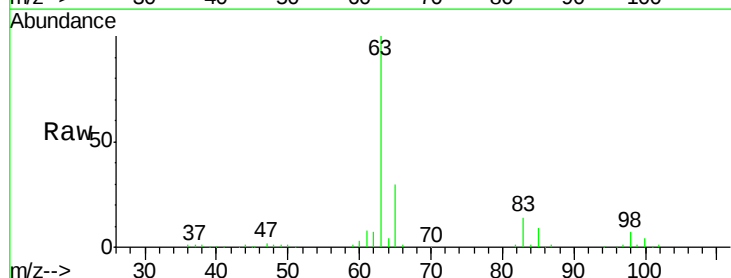
Tgt Ion: 63 Resp: 119615

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

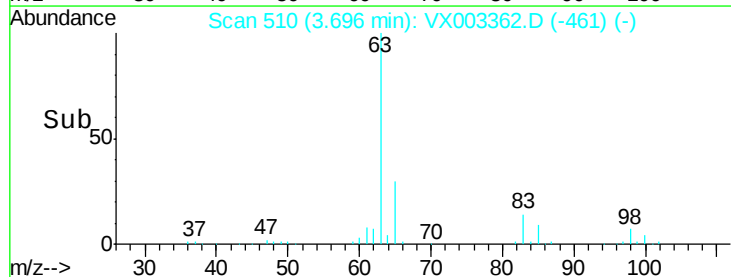
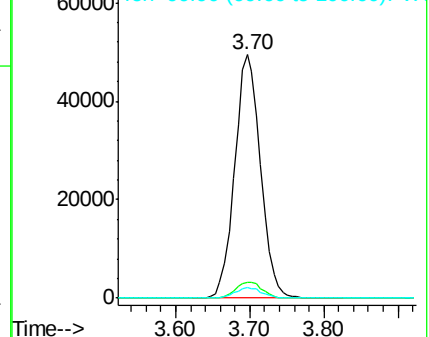
100 4.3 2.0 6.0

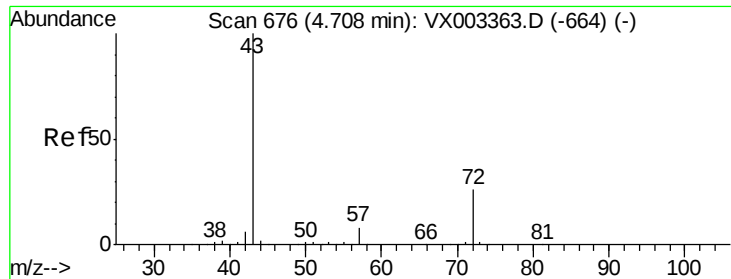


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 99.160 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

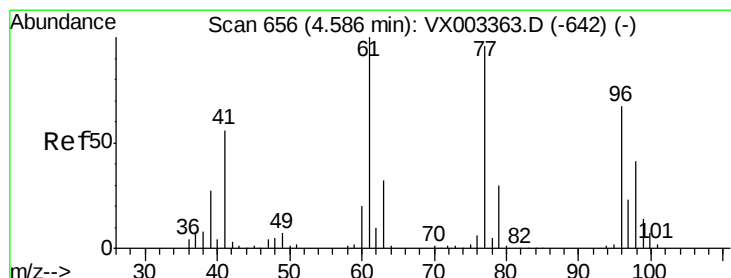
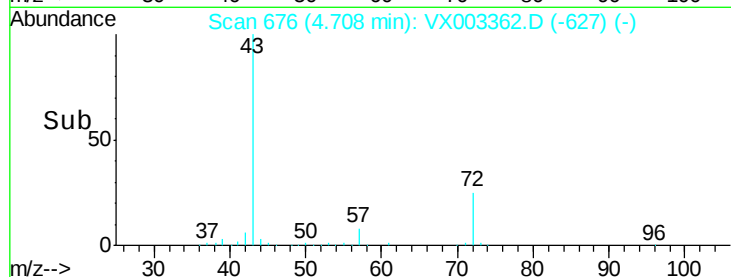
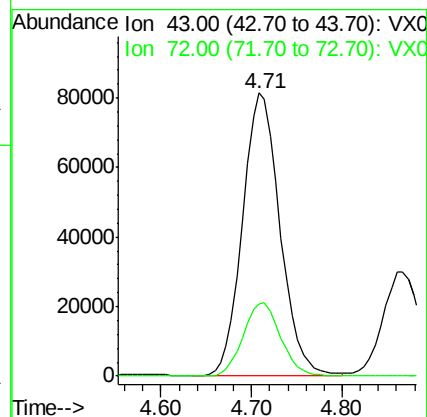
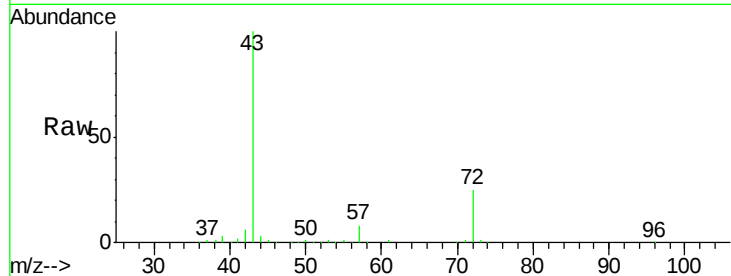
VSTDIC020

Tgt Ion: 43 Resp: 232495

Ion Ratio Lower Upper

43 100

72 25.3 18.5 27.7



#26

2,2-Dichloropropane

Concen: 19.190 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003362.D

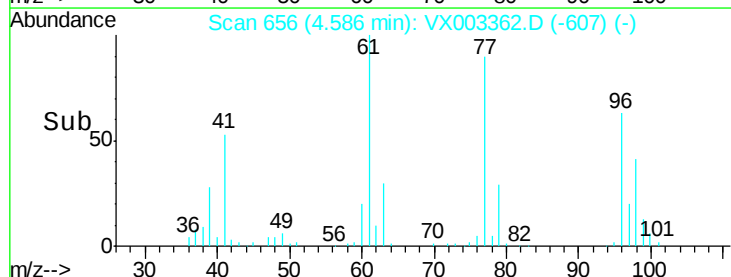
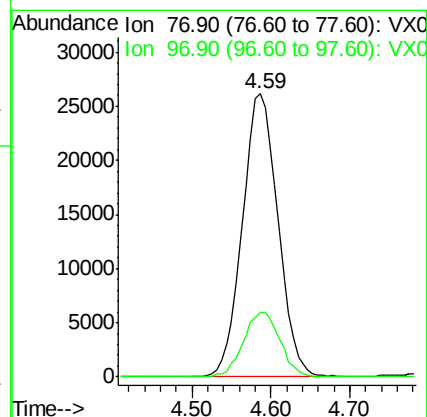
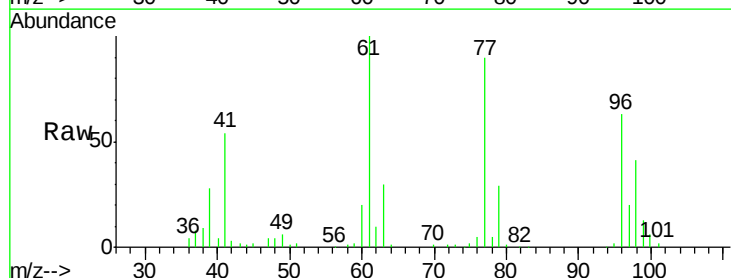
Acq: 13 Jul 2018 12:26

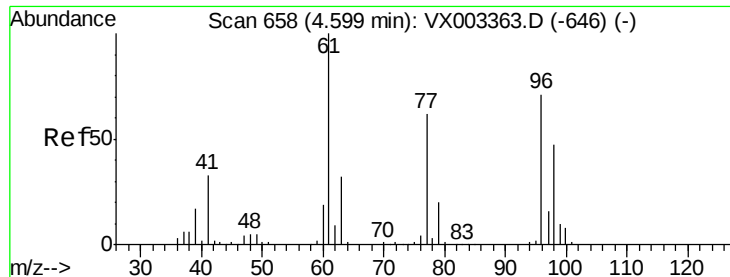
Tgt Ion: 77 Resp: 82260

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.5



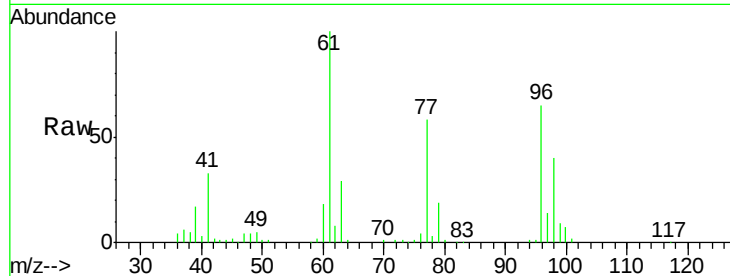


#27

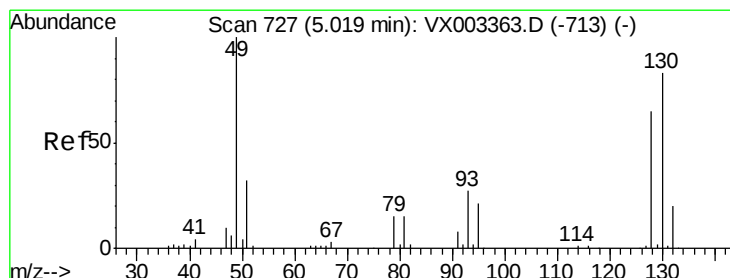
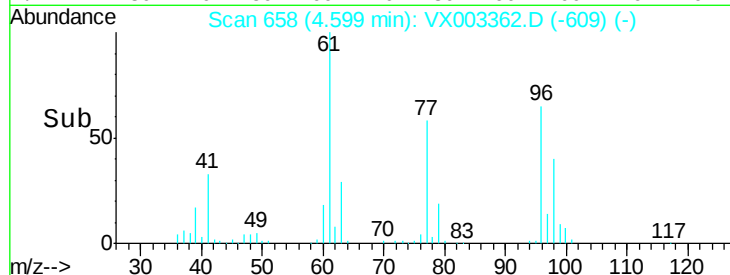
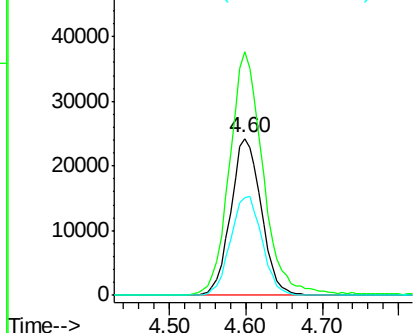
cis-1,2-Dichloroethene
Concen: 19.064 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 66904
Ion Ratio Lower Upper
96 100
61 171.5 0.0 330.2
98 65.1 0.0 130.2



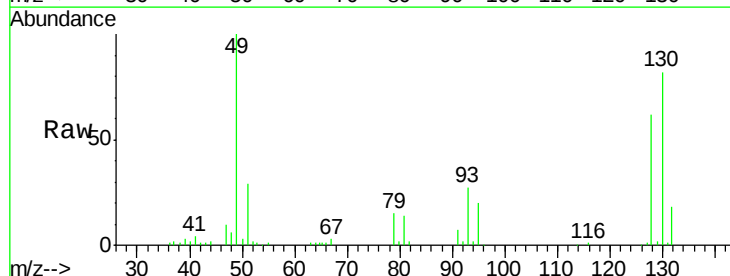
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



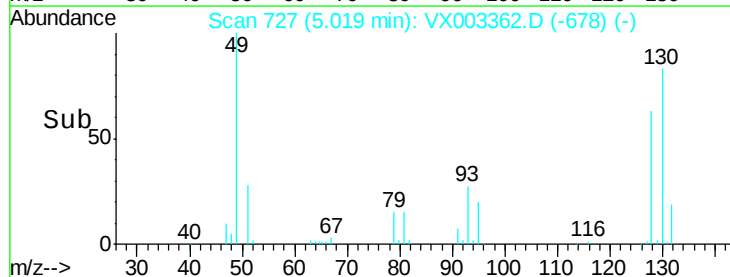
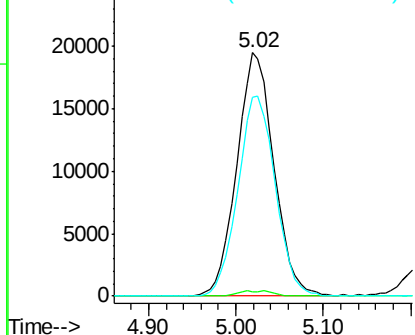
#28

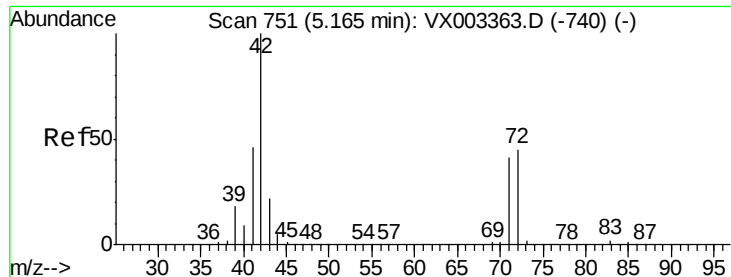
Bromochloromethane
Concen: 20.827 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Tgt Ion: 49 Resp: 57466
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.2
130 83.0 61.2 91.8



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

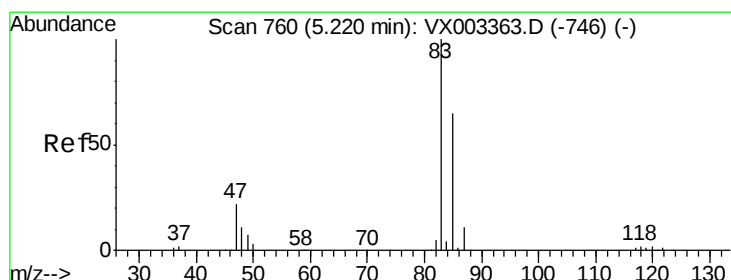
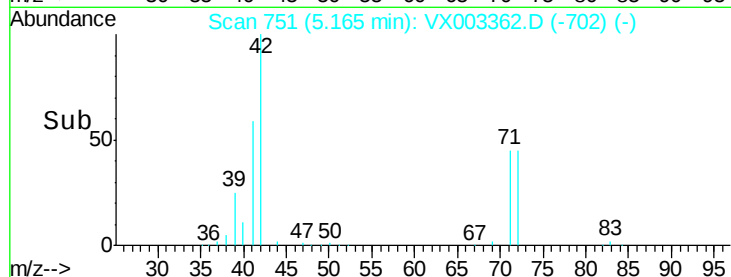
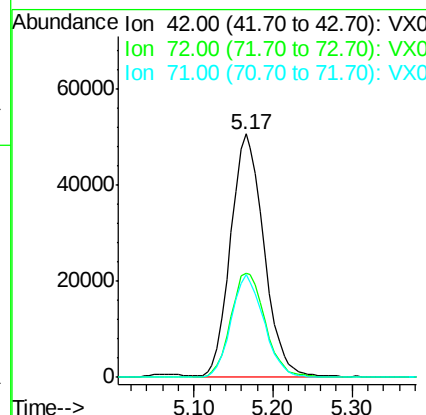
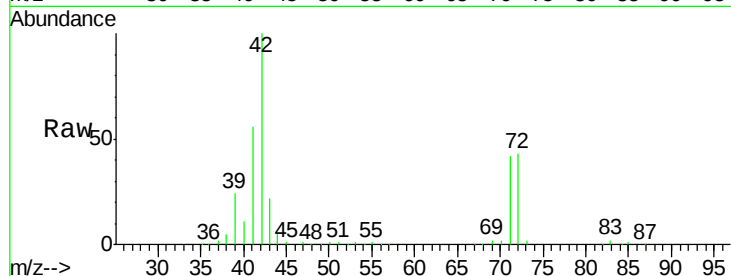




#29
Tetrahydrofuran
Concen: 98.952 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

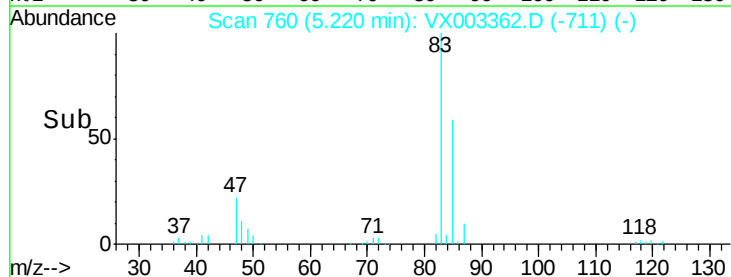
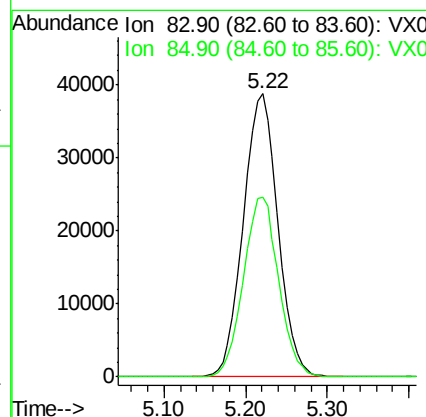
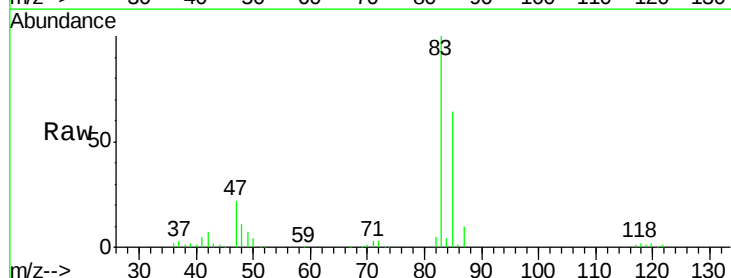
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

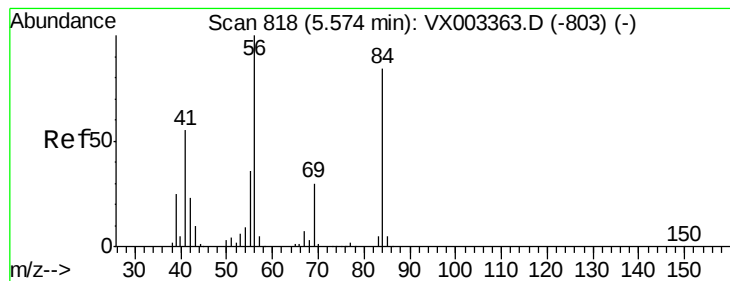
Tgt Ion: 42 Resp: 148210
Ion Ratio Lower Upper
42 100
72 44.5 32.0 48.0
71 41.7 30.1 45.1



#30
Chloroform
Concen: 19.725 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Tgt Ion: 83 Resp: 114506
Ion Ratio Lower Upper
83 100
85 63.5 50.4 75.6





#31

Cyclohexane

Concen: 18.987 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

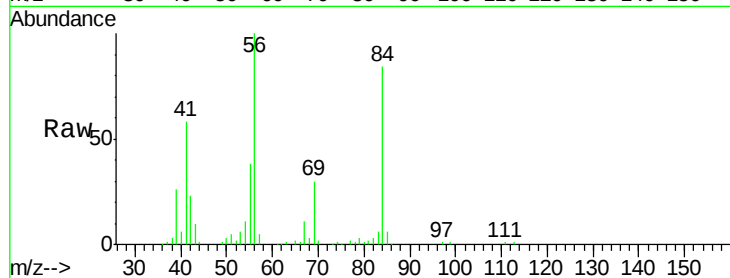
Tgt Ion: 56 Resp: 88004

Ion Ratio Lower Upper

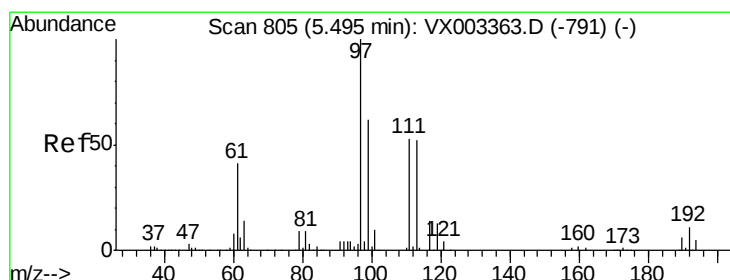
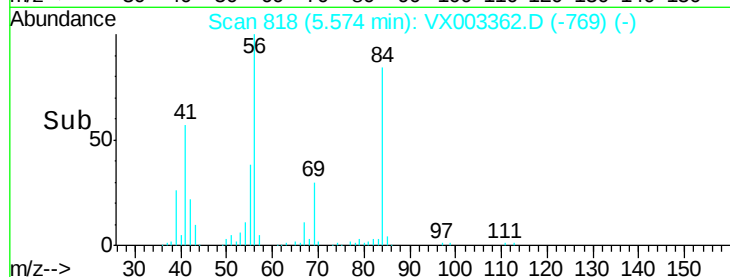
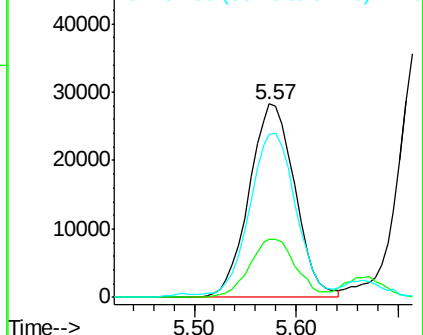
56 100

69 30.3 23.7 35.5

84 82.7 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 19.487 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

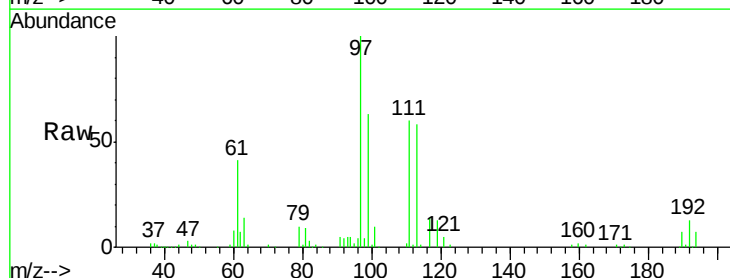
Tgt Ion: 97 Resp: 94237

Ion Ratio Lower Upper

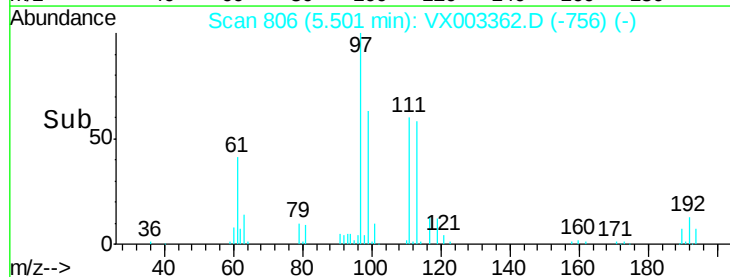
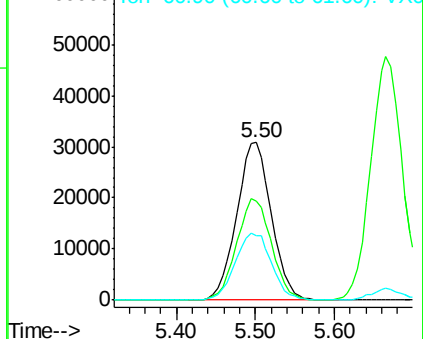
97 100

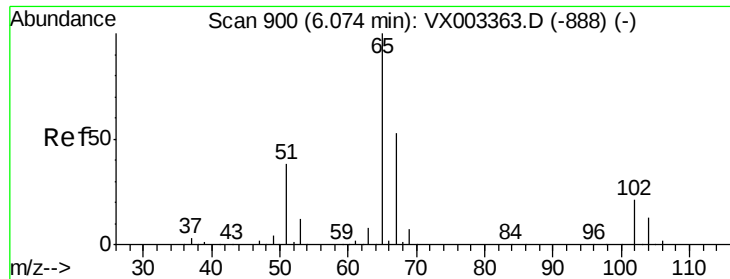
99 64.6 51.6 77.4

61 44.1 36.4 54.6



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

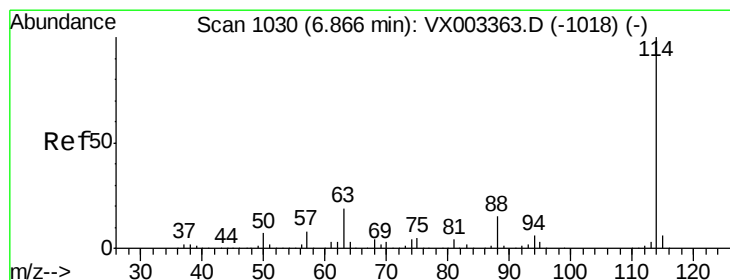
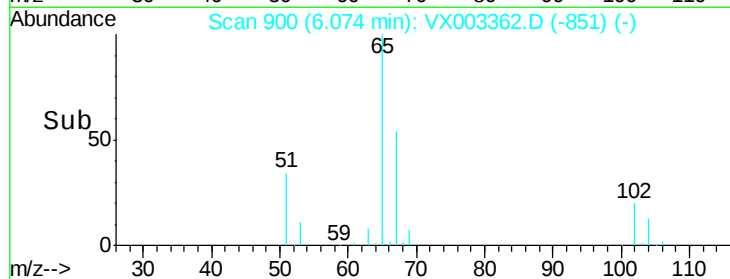
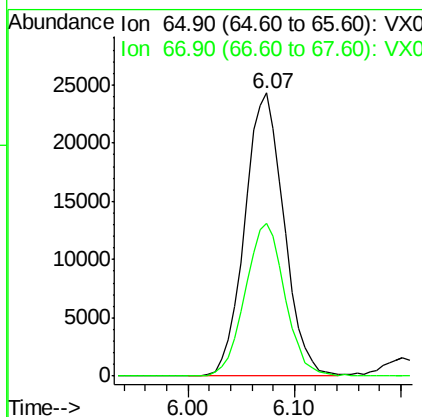
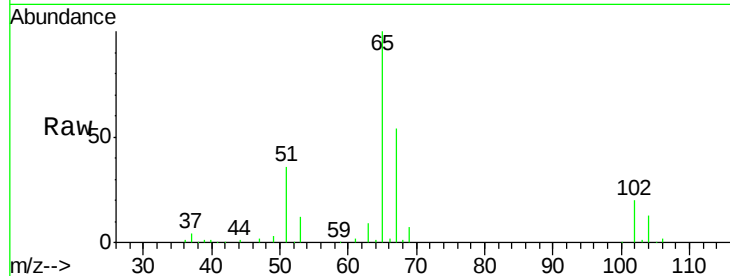




#33
 1,2-Dichloroethane-d4
 Concen: 19.880 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

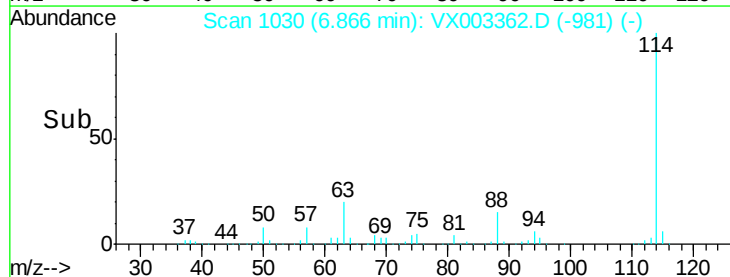
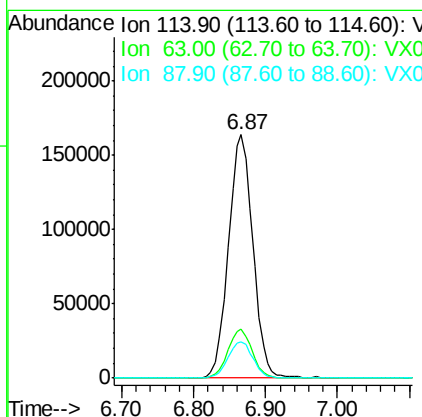
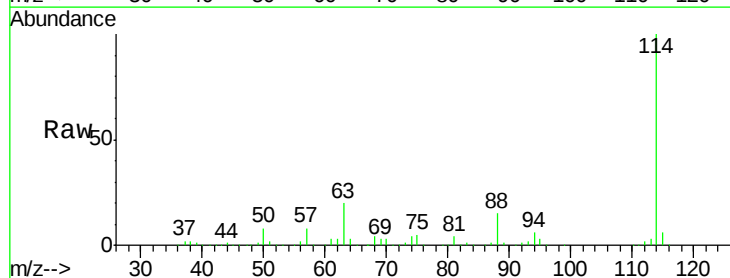
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

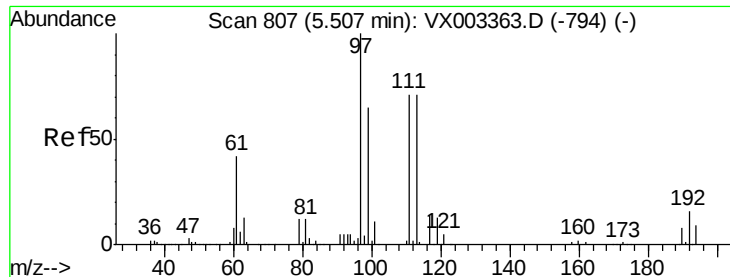
Tgt Ion: 65 Resp: 62858
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Tgt Ion: 114 Resp: 387193
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.0 0.0 30.0

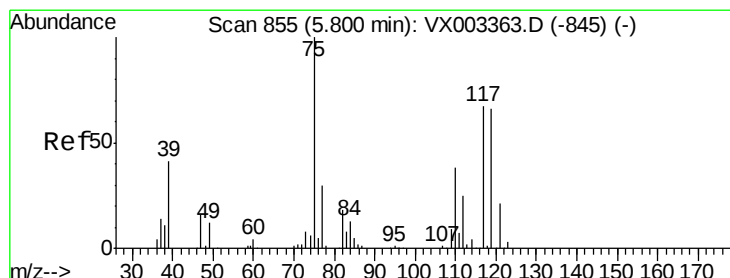
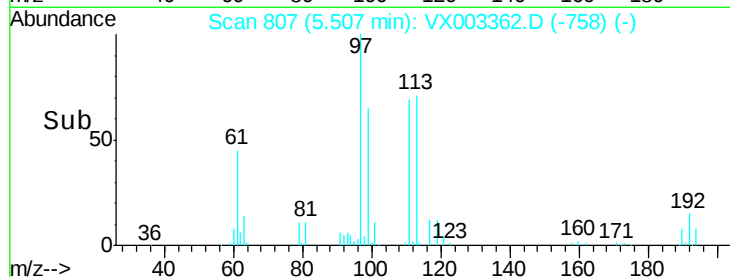
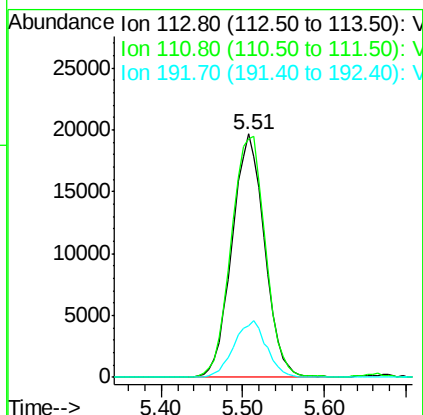
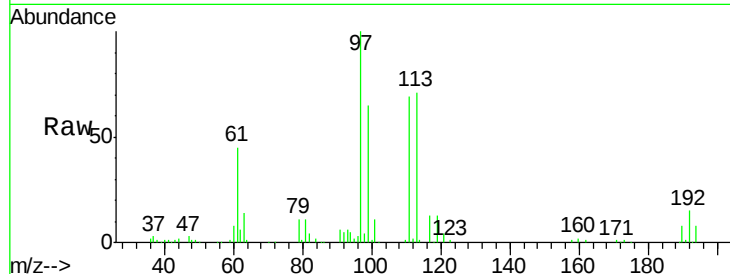




#35
Dibromofluoromethane
Concen: 19.018 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

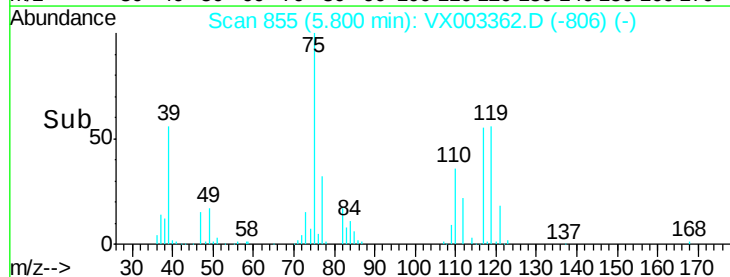
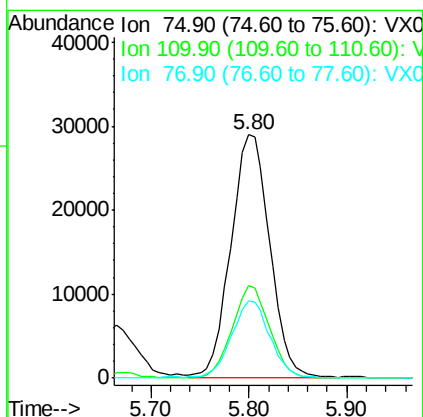
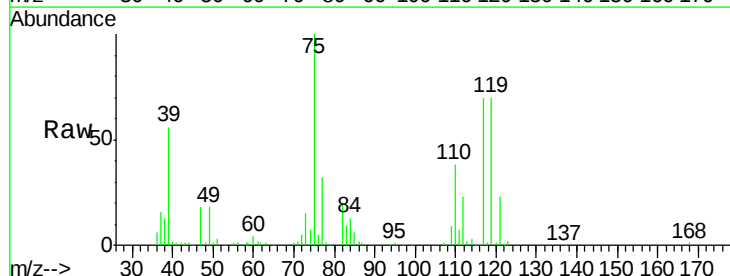
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

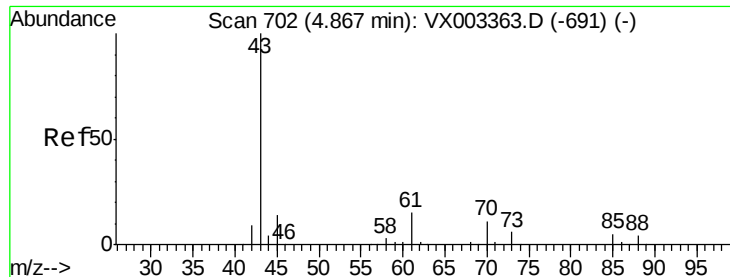
Tgt Ion:113 Resp: 54197
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.0
192 23.3 19.1 28.7



#36
1,1-Dichloropropene
Concen: 19.292 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Tgt Ion: 75 Resp: 79357
Ion Ratio Lower Upper
75 100
110 36.8 18.1 54.4
77 31.6 24.3 36.5

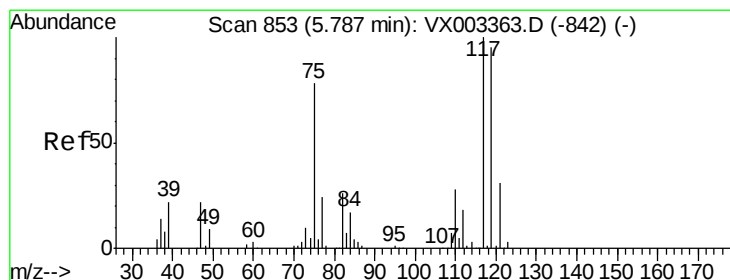
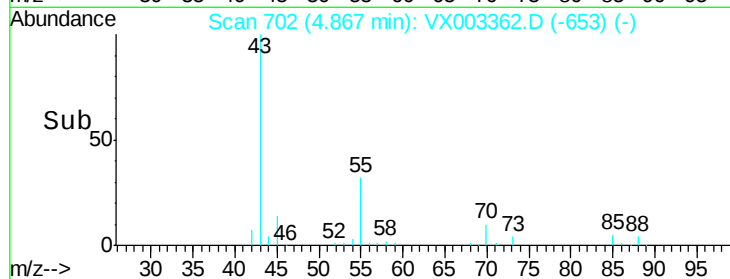
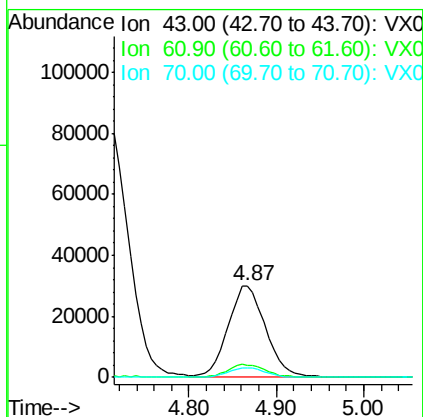
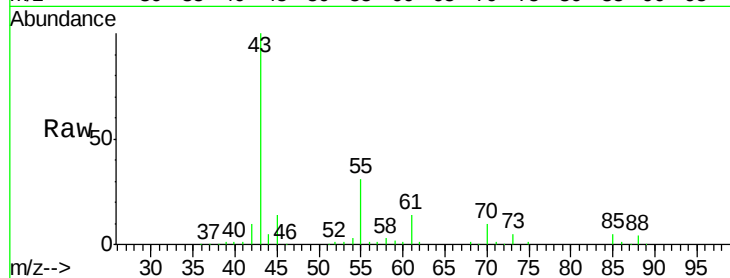




#37
Ethyl Acetate
Concen: 19.597 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

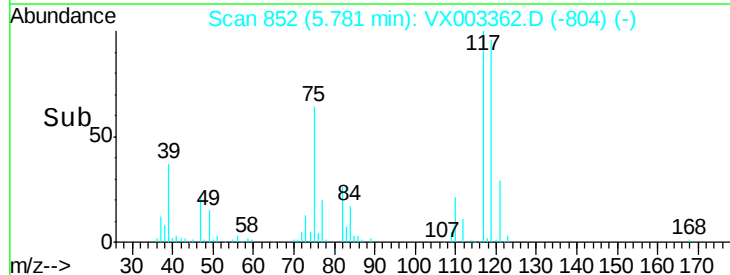
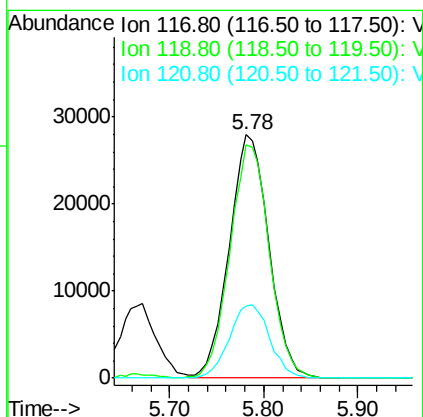
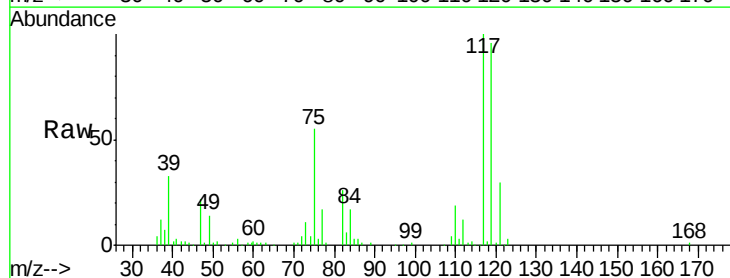
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

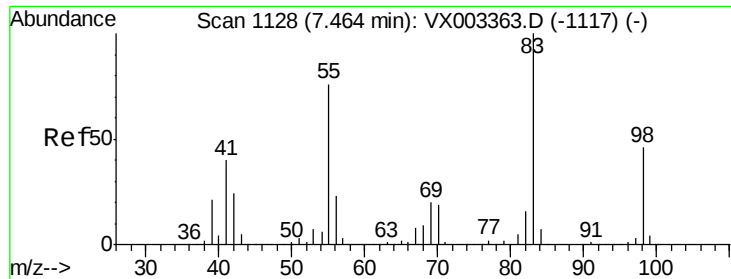
Tgt Ion: 43 Resp: 88338
Ion Ratio Lower Upper
43 100
61 14.6 10.4 15.6
70 10.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.509 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Tgt Ion: 117 Resp: 81805
Ion Ratio Lower Upper
117 100
119 95.6 77.4 116.0
121 29.6 24.4 36.6

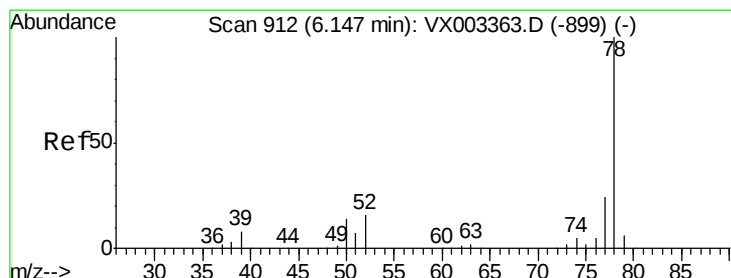
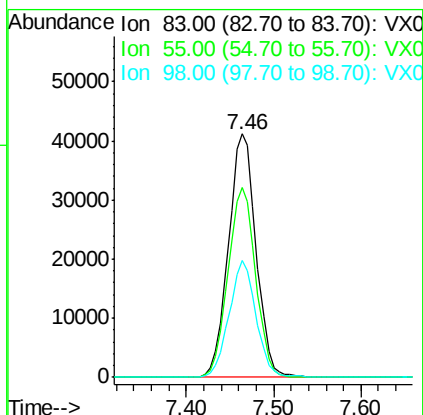
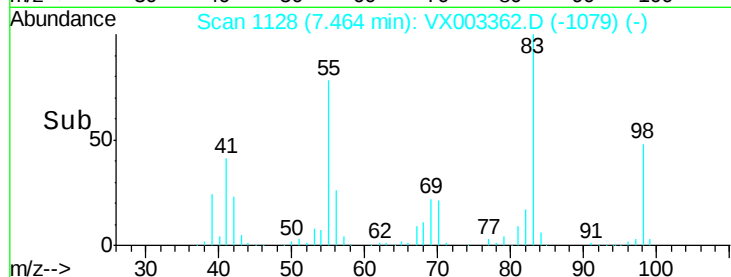
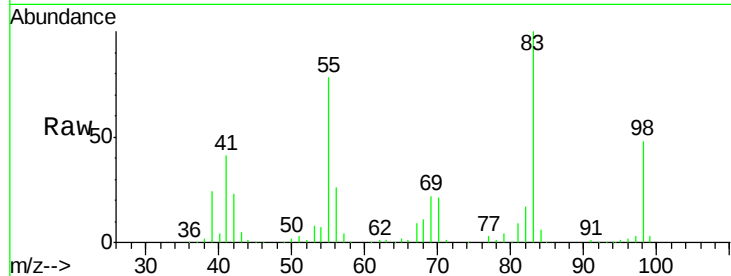




#39
Methylcyclohexane
Concen: 19.402 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

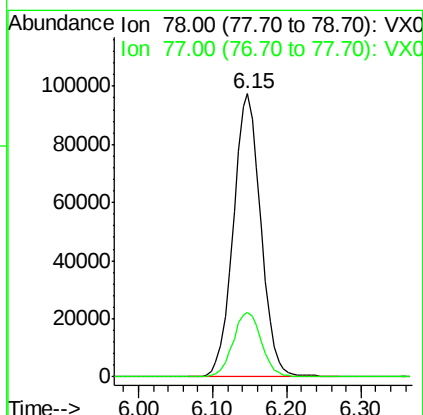
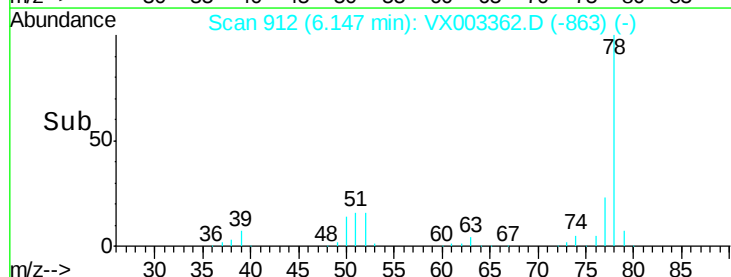
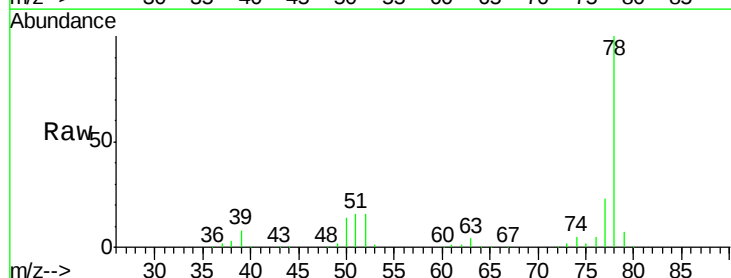
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

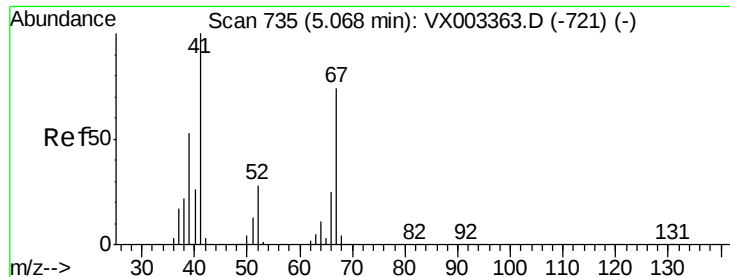
Tgt Ion: 83 Resp: 90343
Ion Ratio Lower Upper
83 100
55 77.8 65.4 98.0
98 48.1 37.4 56.0



#40
Benzene
Concen: 19.579 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Tgt Ion: 78 Resp: 252239
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7

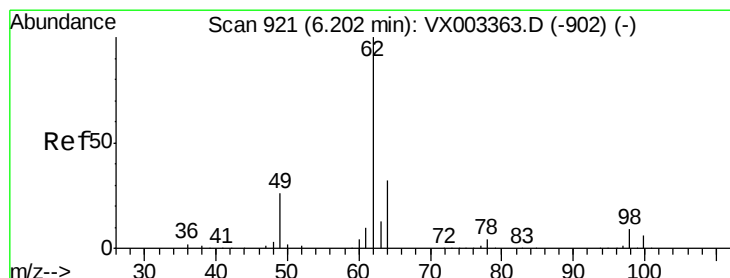
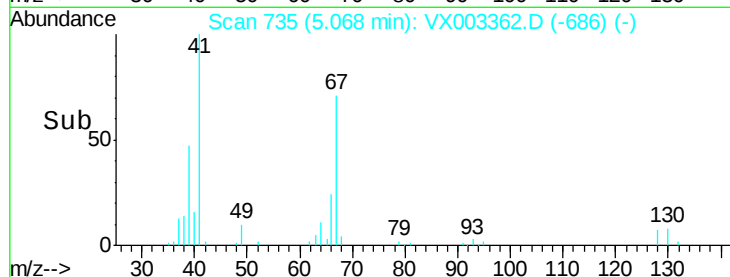
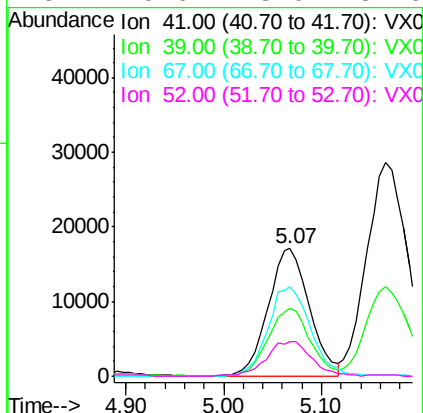
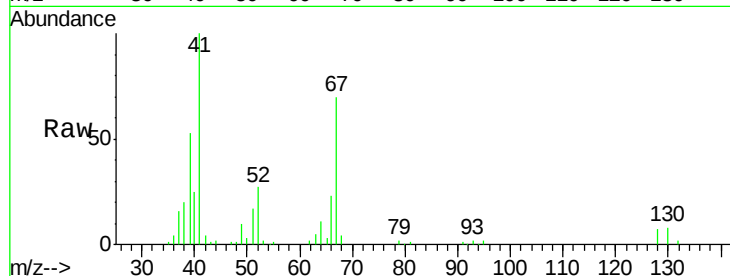




#41
Methacrylonitrile
Concen: 19.633 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

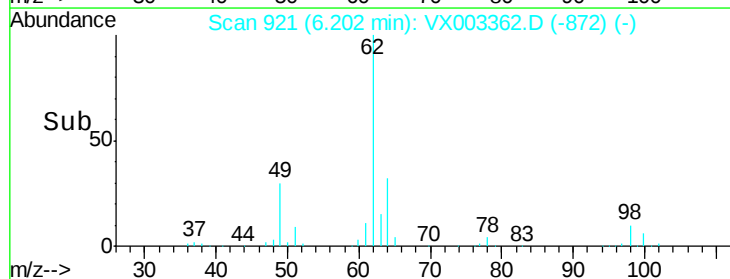
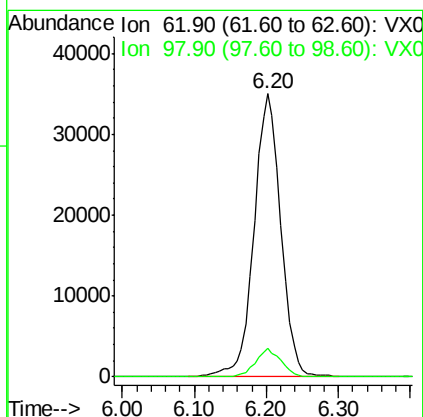
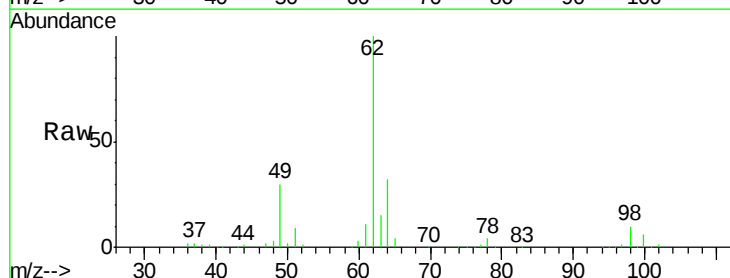
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

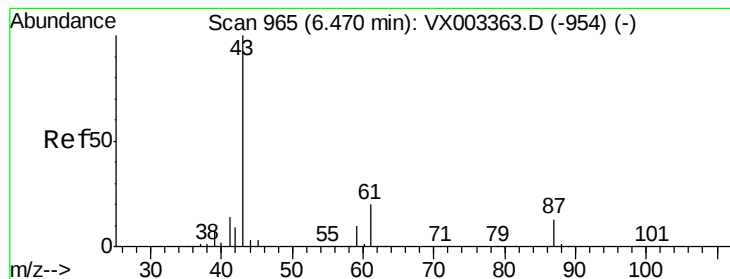
Tgt Ion:	41	Resp:	50699
Ion	Ratio	Lower	Upper
41	100		
39	54.0	45.8	68.6
67	71.8	51.3	76.9
52	29.6	23.0	34.6



#42
1,2-Dichloroethane
Concen: 20.111 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Tgt Ion:	62	Resp:	90503
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.572 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

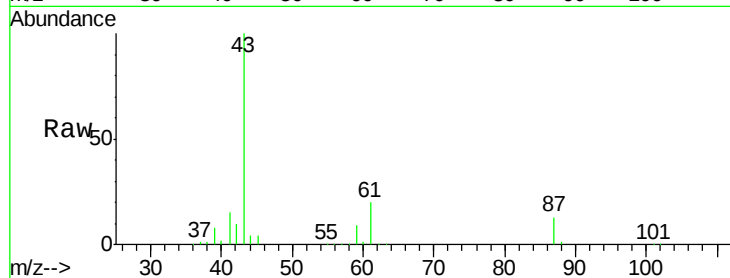
Tgt Ion: 43 Resp: 138254

Ion Ratio Lower Upper

43 100

61 20.3 14.4 21.6

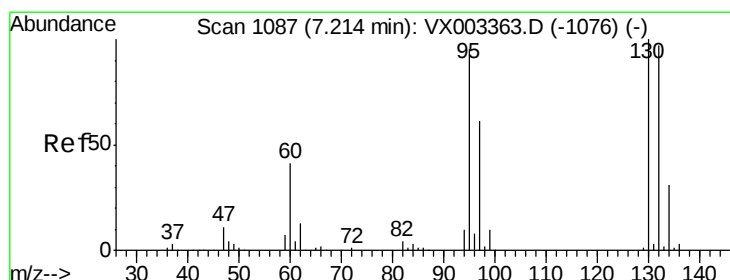
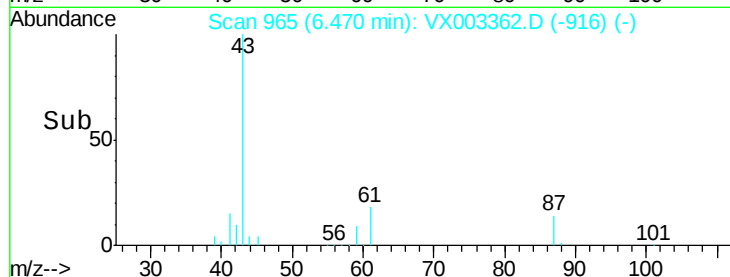
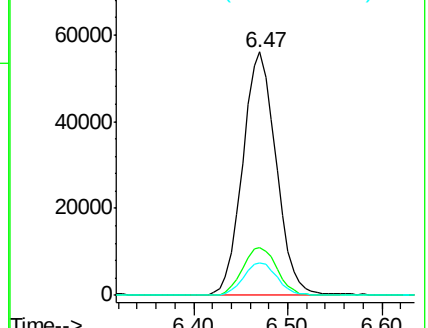
87 13.6 9.5 14.3



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: 19.061 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003362.D

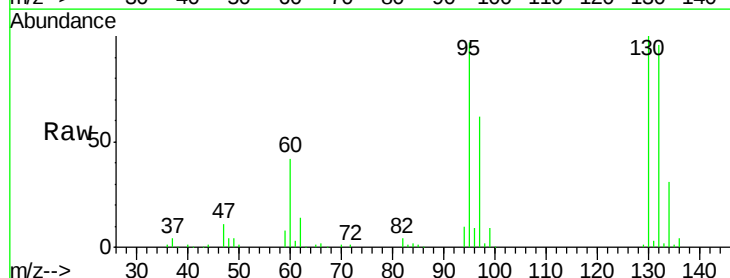
Acq: 13 Jul 2018 12:26

Tgt Ion: 130 Resp: 69584

Ion Ratio Lower Upper

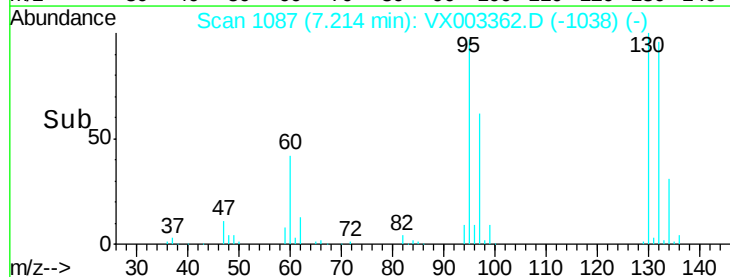
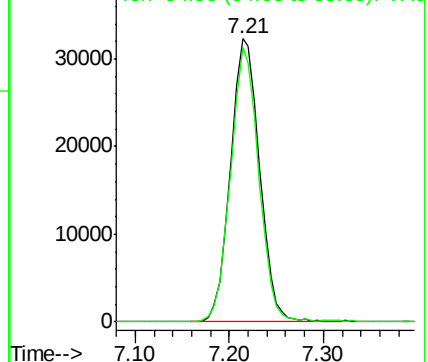
130 100

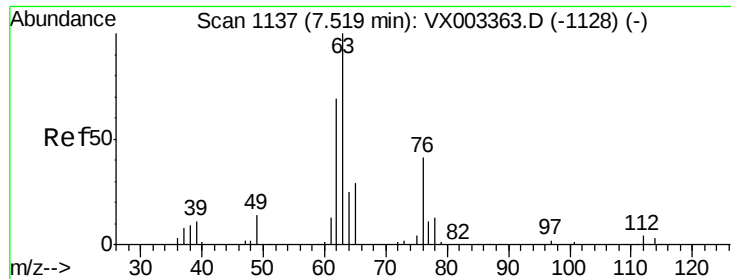
95 97.0 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.283 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

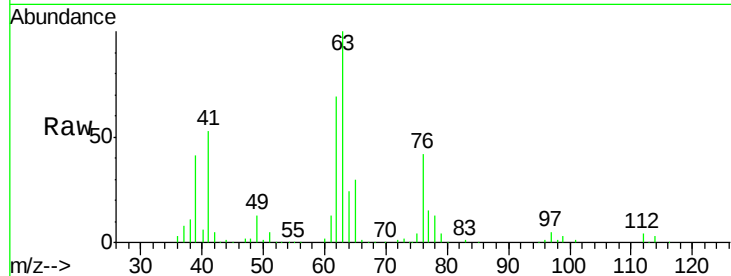
VSTDIC020

Tgt Ion: 63 Resp: 69316

Ion Ratio Lower Upper

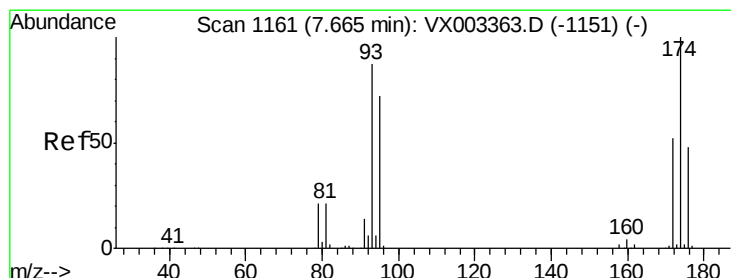
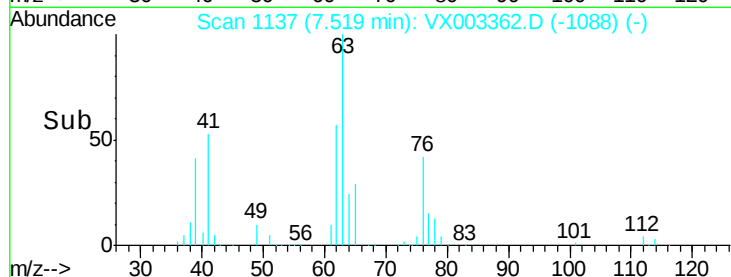
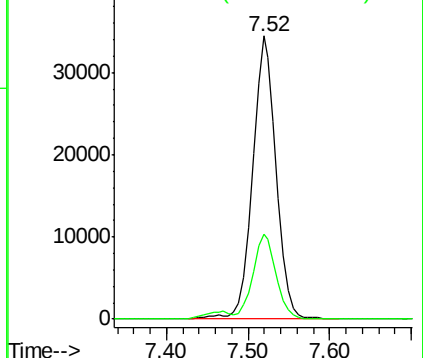
63 100

65 30.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.323 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

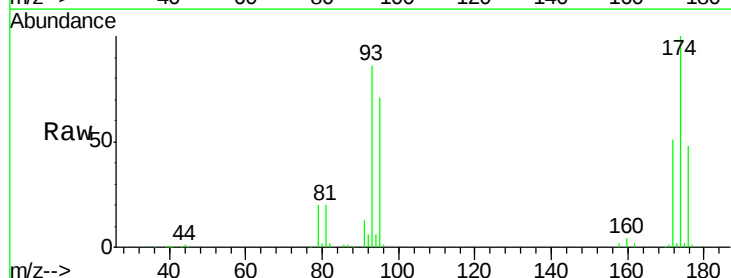
Tgt Ion: 93 Resp: 44654

Ion Ratio Lower Upper

93 100

95 83.9 65.9 98.9

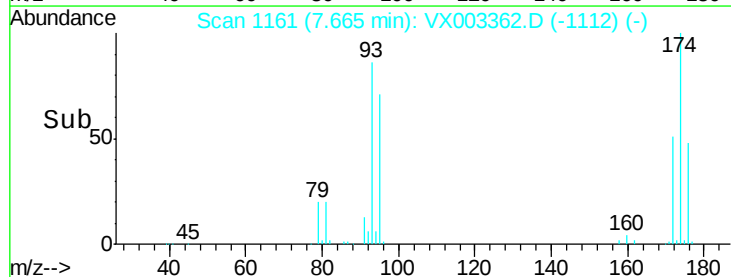
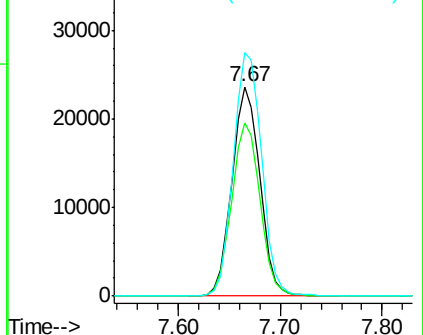
174 118.2 92.4 138.6

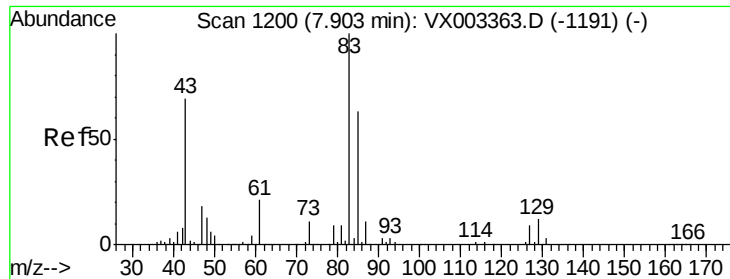


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.076 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

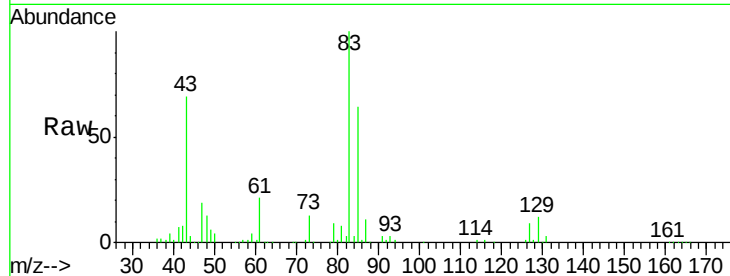
Tgt Ion: 83 Resp: 83170

Ion Ratio Lower Upper

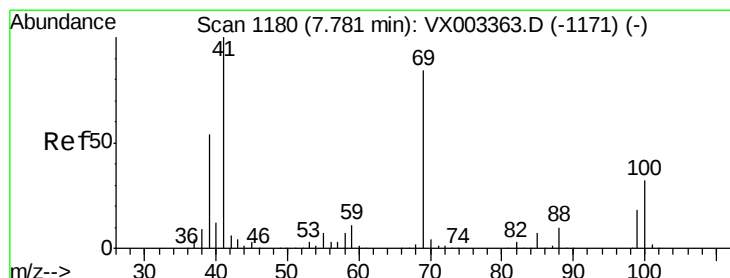
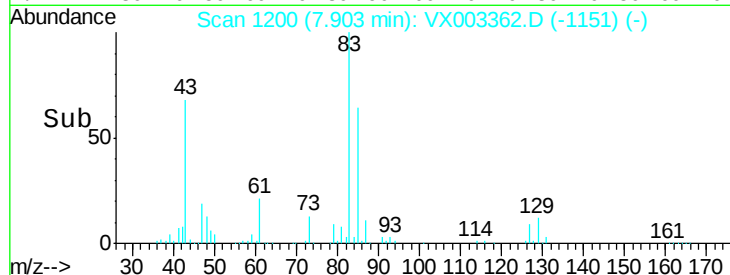
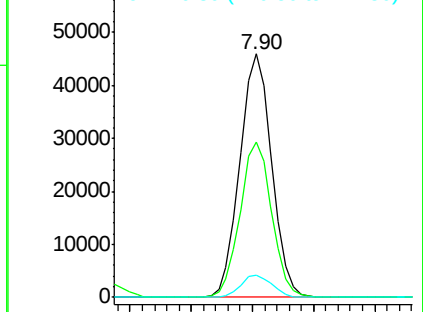
83 100

85 63.6 50.3 75.5

127 9.3 7.0 10.4



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: 19.962 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

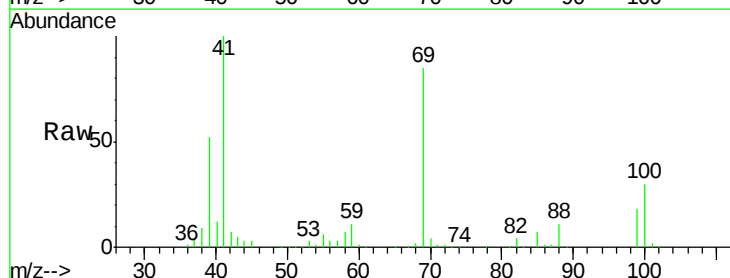
Tgt Ion: 41 Resp: 71970

Ion Ratio Lower Upper

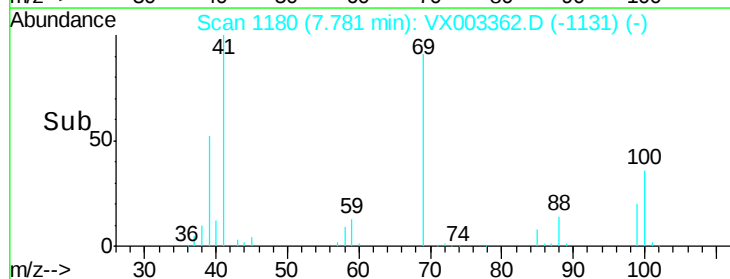
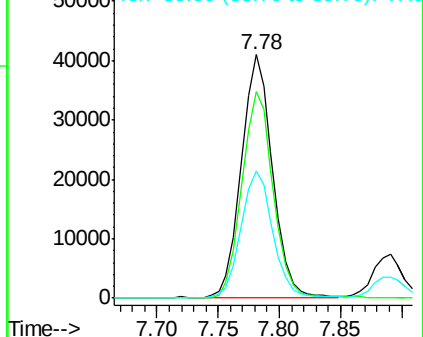
41 100

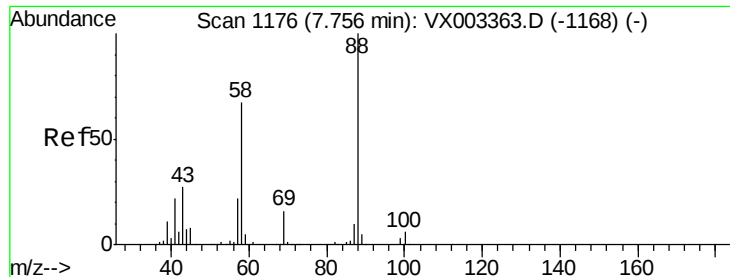
69 86.3 59.1 88.7

39 53.3 48.9 73.3



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

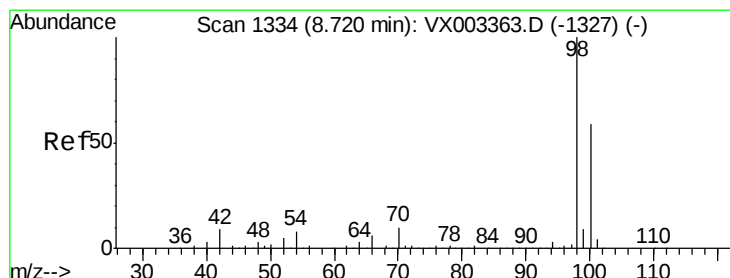
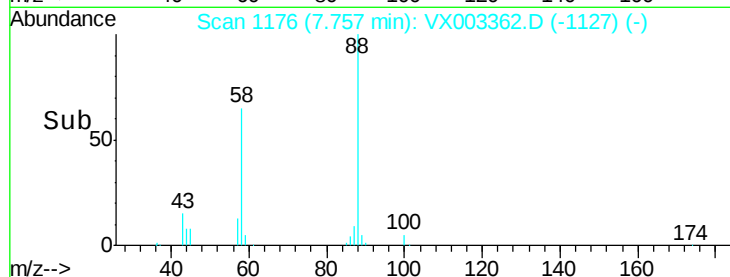
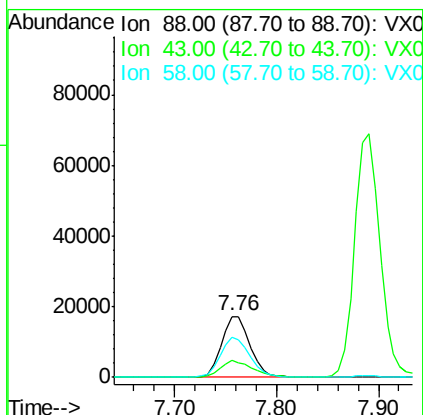
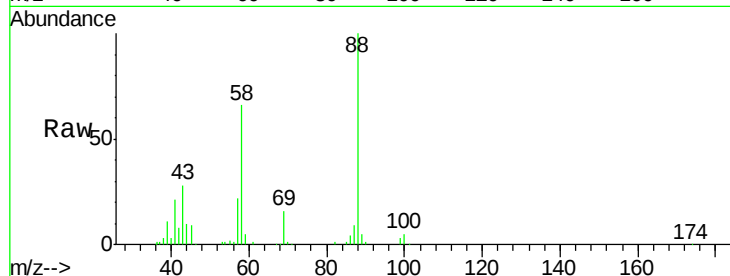




#49
 1,4-Dioxane
 Concen: 425.680 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

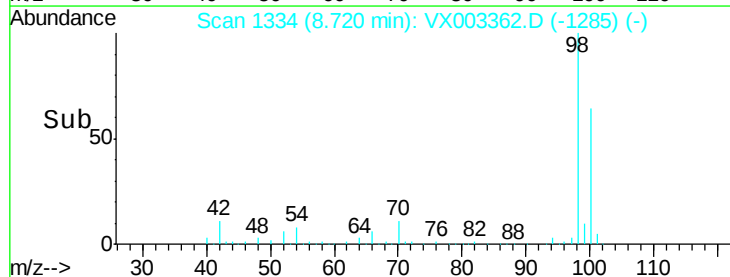
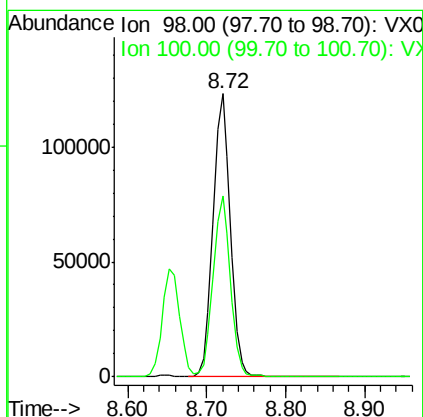
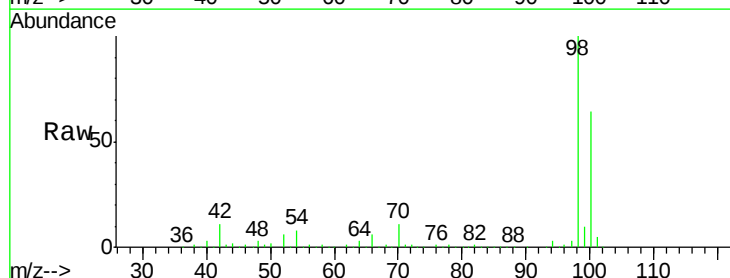
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

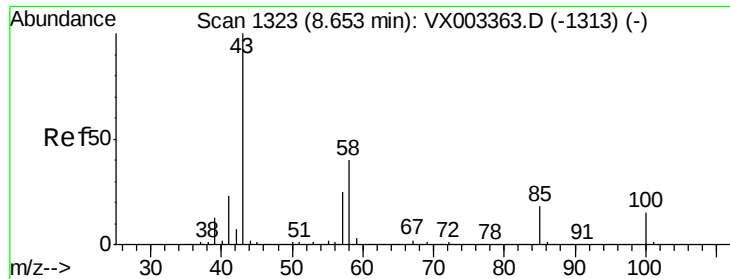
Tgt Ion: 88 Resp: 33491
 Ion Ratio Lower Upper
 88 100
 43 30.0 29.8 44.6
 58 68.6 57.1 85.7



#50
 Toluene-d8
 Concen: 19.063 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Tgt Ion: 98 Resp: 188851
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 101.681 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

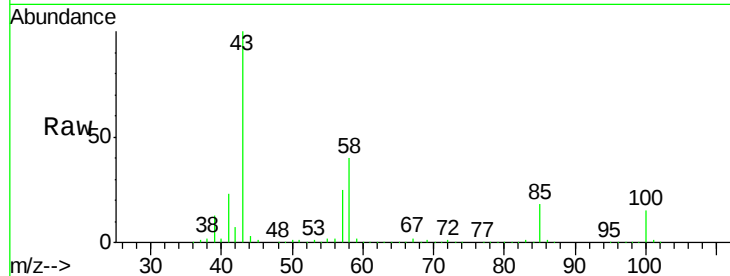
VSTDIC020

Tgt Ion: 43 Resp: 469512

Ion Ratio Lower Upper

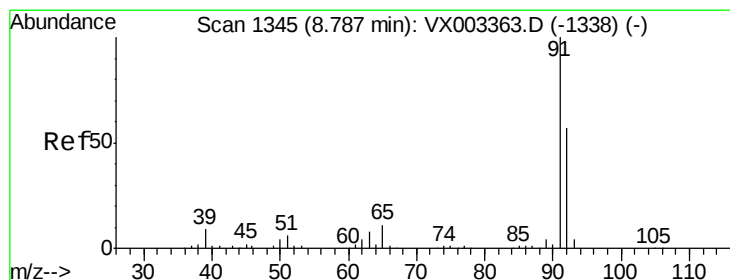
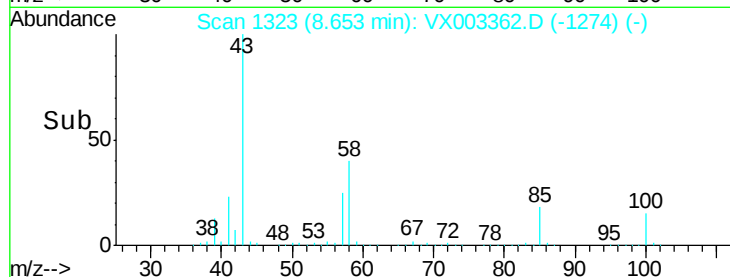
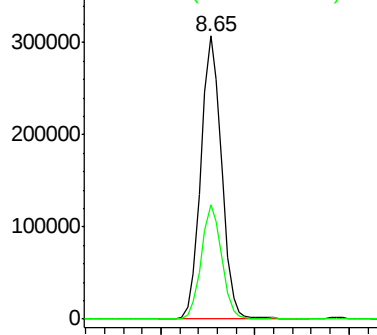
43 100

58 39.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.543 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003362.D

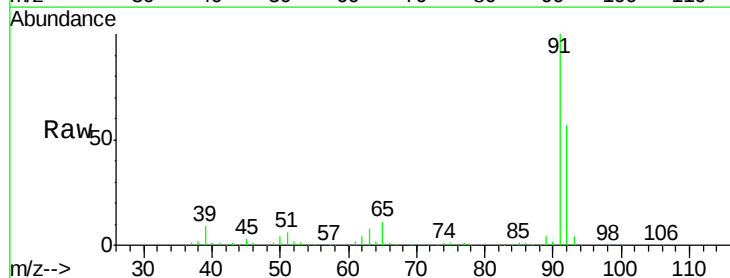
Acq: 13 Jul 2018 12:26

Tgt Ion: 92 Resp: 159546

Ion Ratio Lower Upper

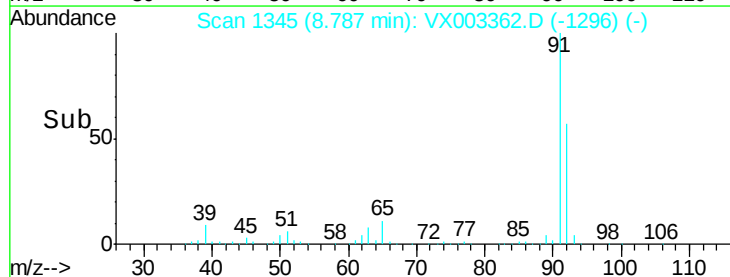
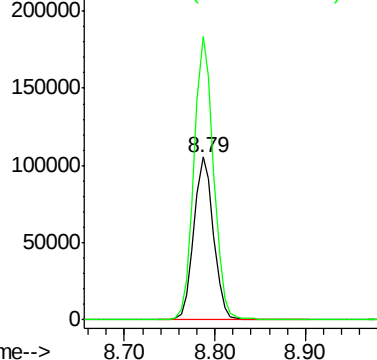
92 100

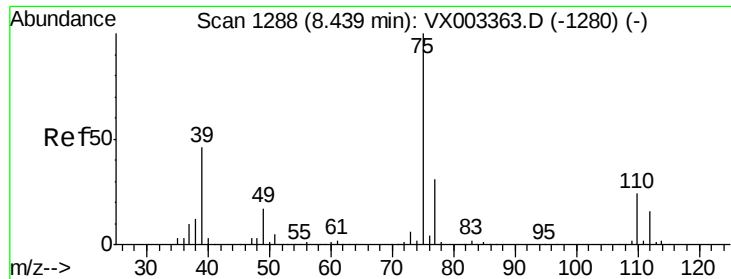
91 173.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

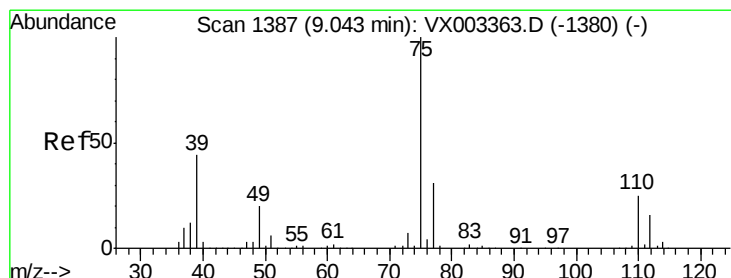
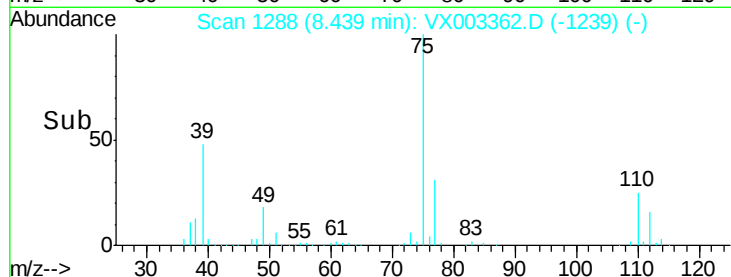
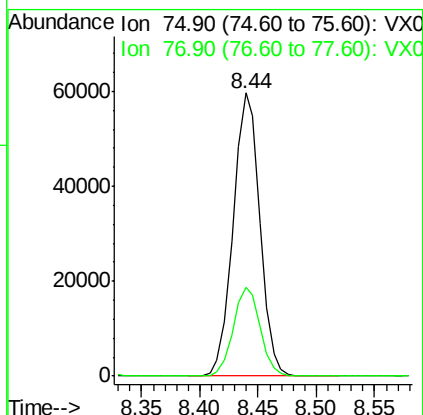
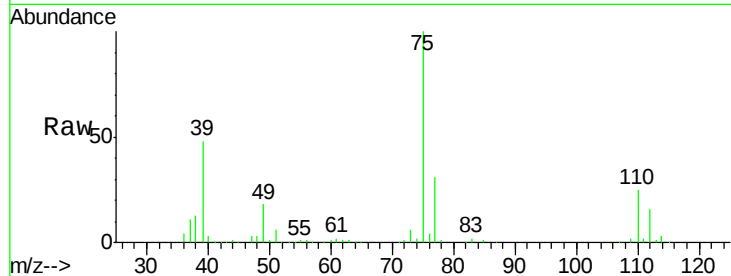




#53
t-1,3-Dichloropropene
Concen: 19.582 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

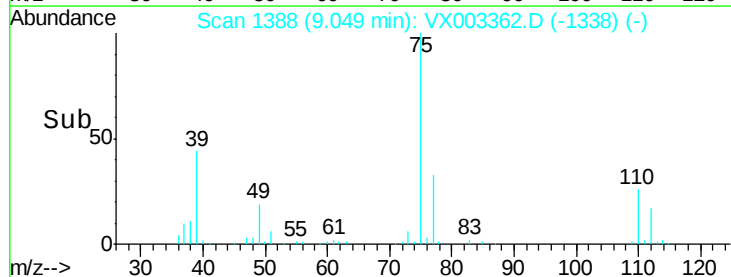
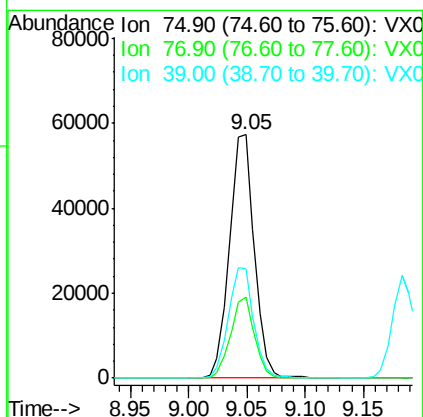
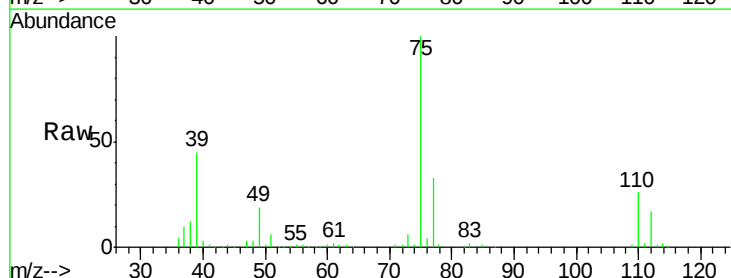
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

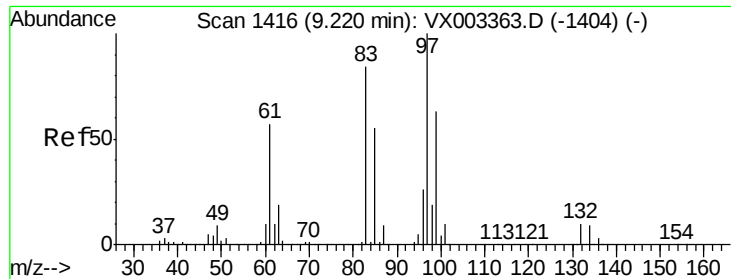
Tgt Ion: 75 Resp: 95285
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.225 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Tgt Ion: 75 Resp: 85456
Ion Ratio Lower Upper
75 100
77 33.1 24.8 37.2
39 44.4 42.4 63.6

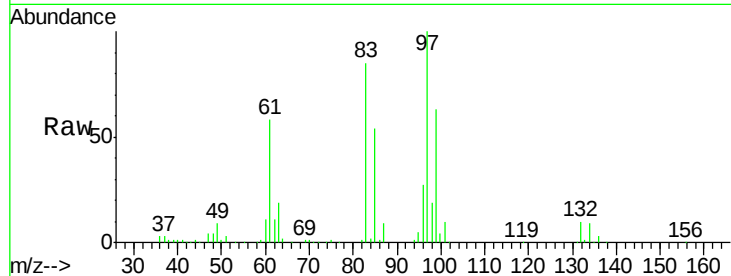




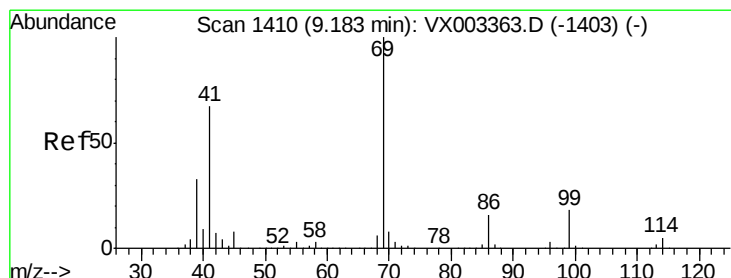
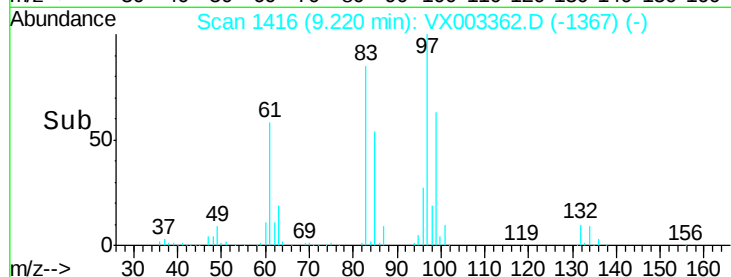
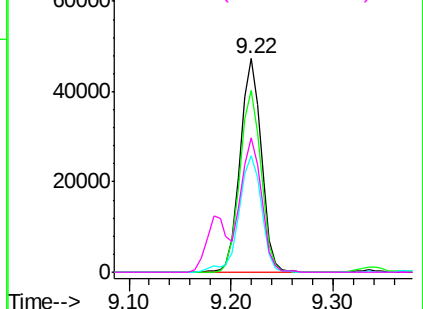
#55
 1,1,2-Trichloroethane
 Concen: 19.875 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 97 Resp: 67726
 Ion Ratio Lower Upper
 97 100
 83 85.3 70.2 105.2
 85 54.3 44.9 67.3
 99 63.0 49.8 74.8

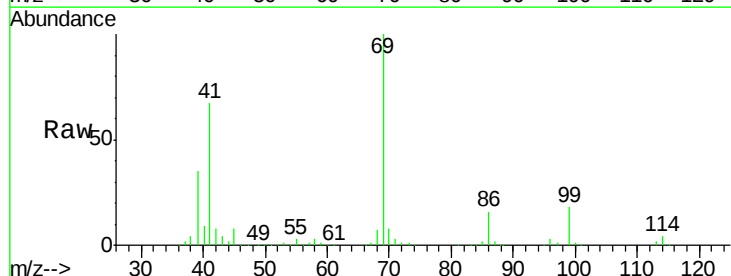


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

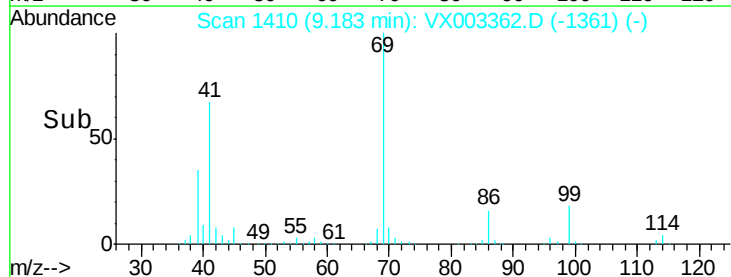
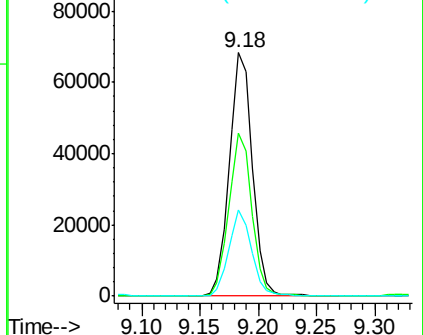


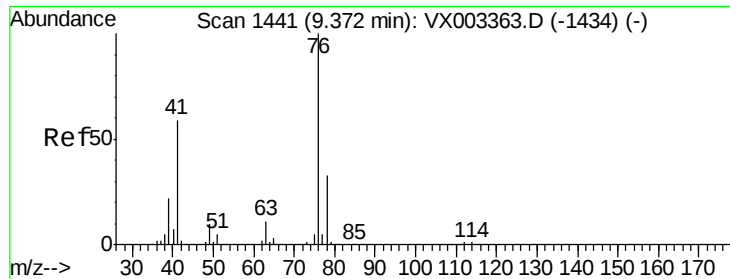
#56
 Ethyl methacrylate
 Concen: 19.401 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Tgt Ion: 69 Resp: 94427
 Ion Ratio Lower Upper
 69 100
 41 67.2 60.3 90.5
 39 34.8 35.8 53.8#



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: 20.114 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

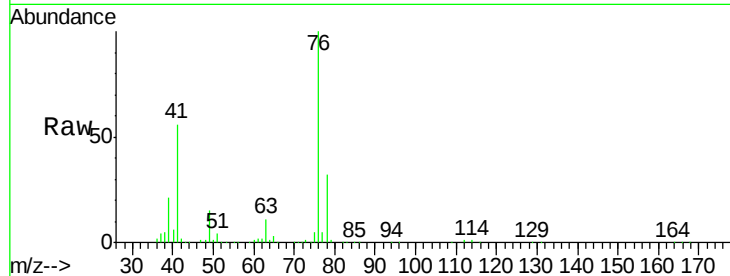
VSTDIC020

Tgt Ion: 76 Resp: 111089

Ion Ratio Lower Upper

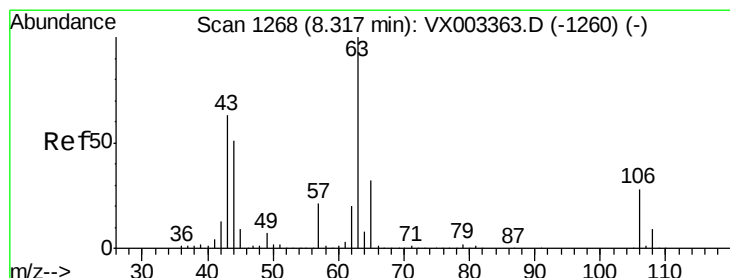
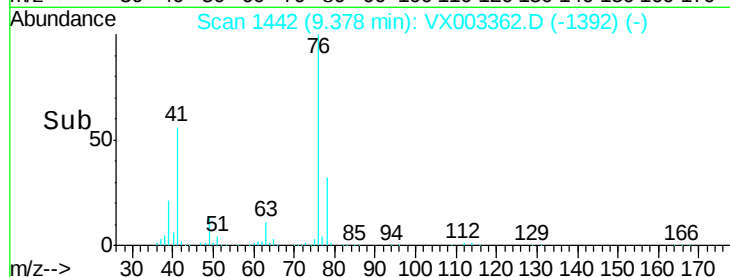
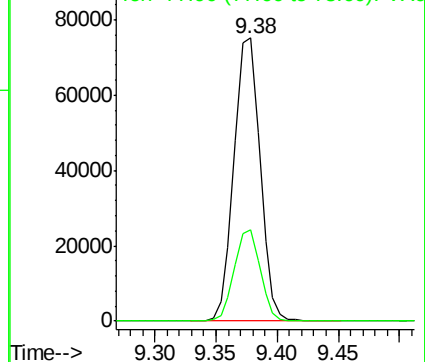
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 103.198 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003362.D

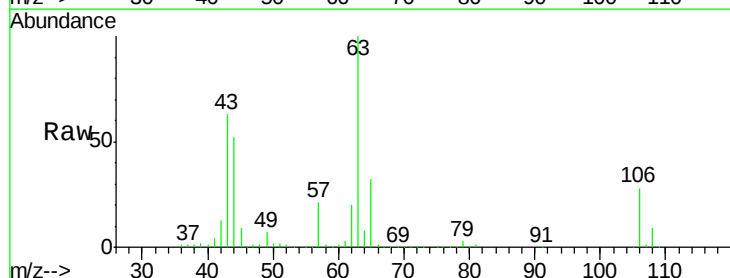
Acq: 13 Jul 2018 12:26

Tgt Ion: 63 Resp: 244082

Ion Ratio Lower Upper

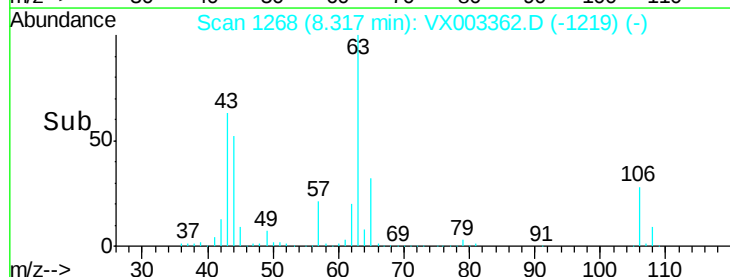
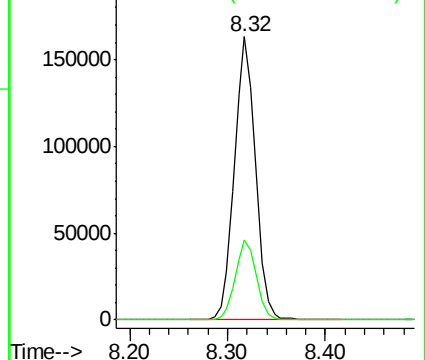
63 100

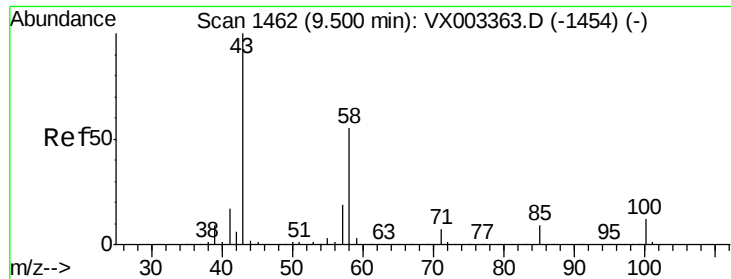
106 28.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

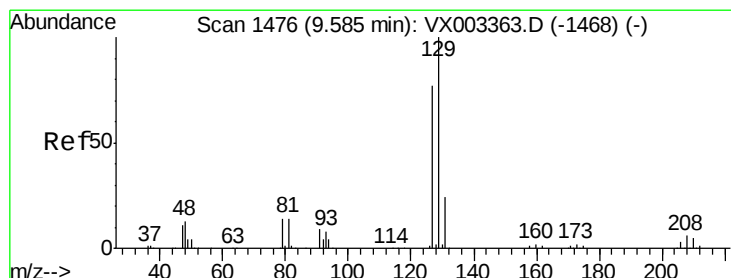
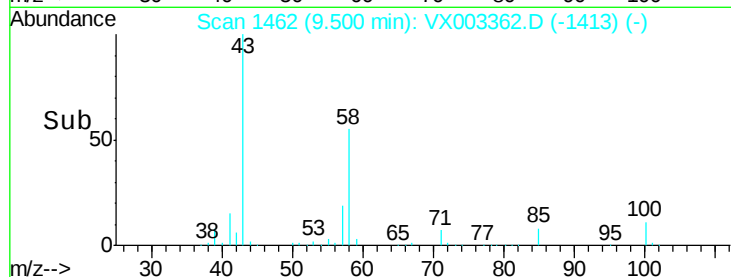
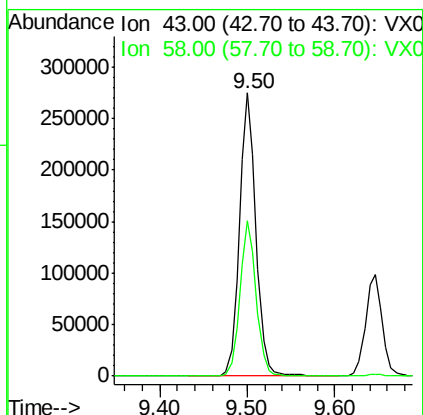
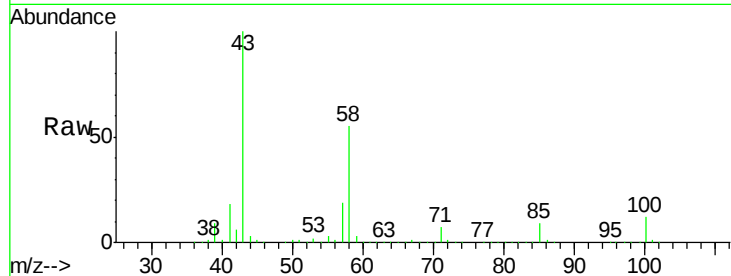




#59
2-Hexanone
Concen: 106.113 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

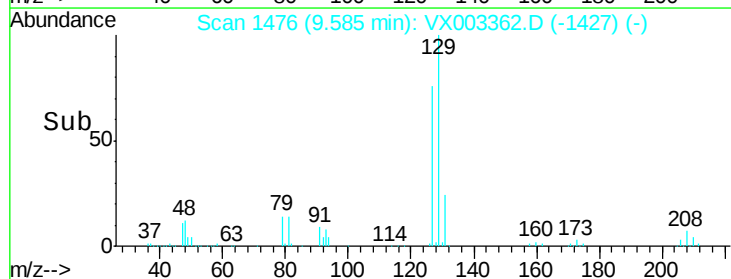
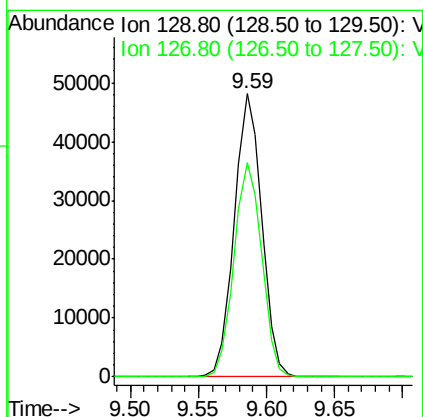
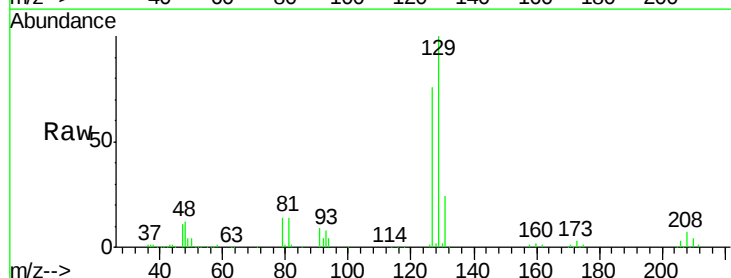
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

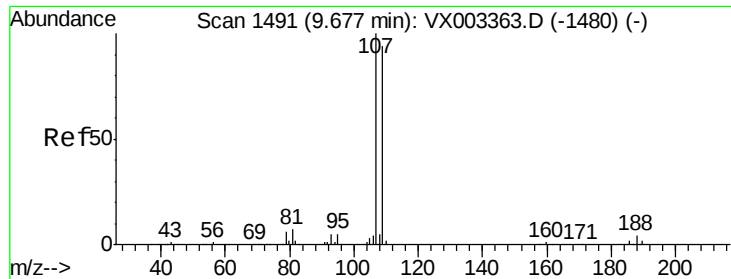
Tgt Ion: 43 Resp: 361395
Ion Ratio Lower Upper
43 100
58 54.6 24.6 73.6



#60
Dibromochloromethane
Concen: 20.497 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Tgt Ion: 129 Resp: 67798
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.625 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

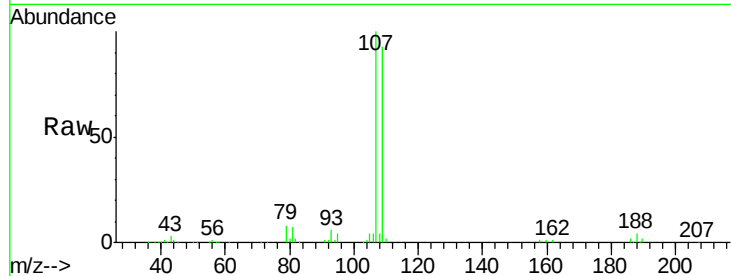
VSTDIC020

Tgt Ion: 107 Resp: 70865

Ion Ratio Lower Upper

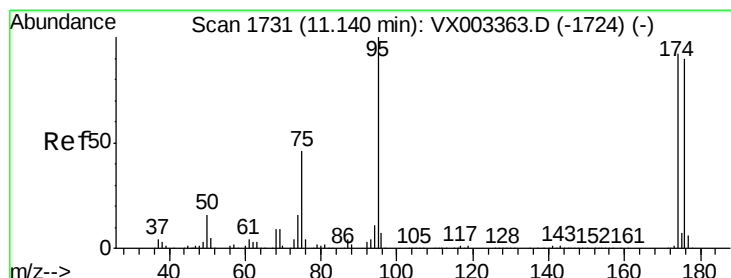
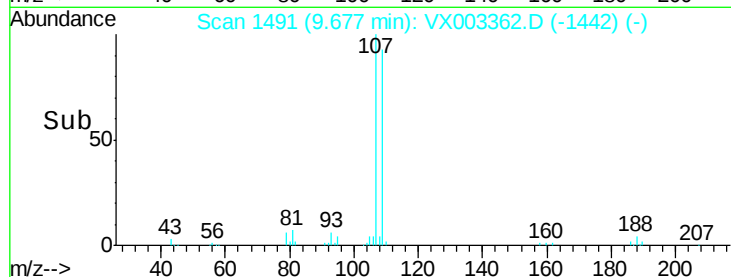
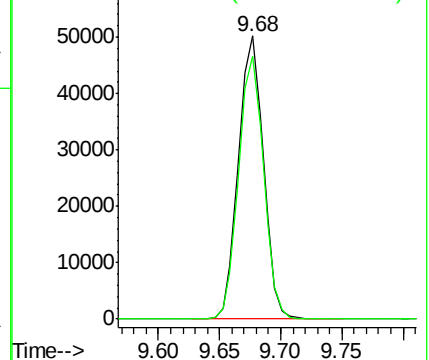
107 100

109 93.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 18.454 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

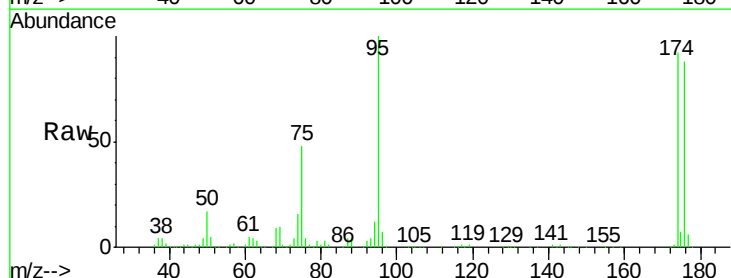
Tgt Ion: 95 Resp: 73233

Ion Ratio Lower Upper

95 100

174 92.9 0.0 187.4

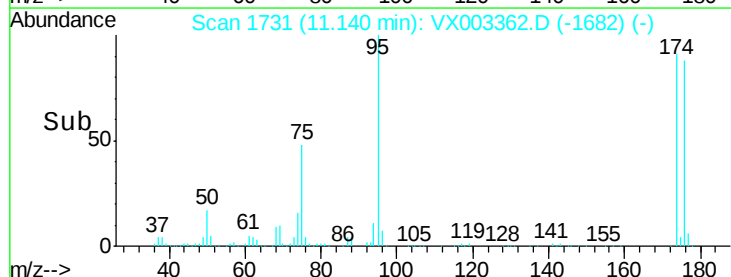
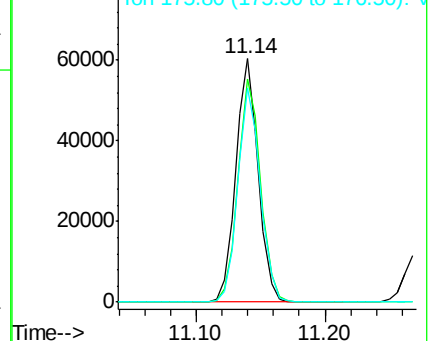
176 88.6 0.0 181.0

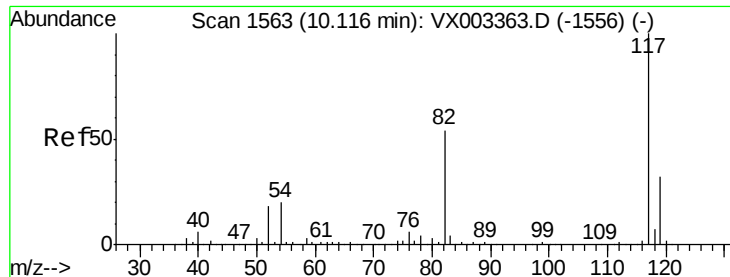


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

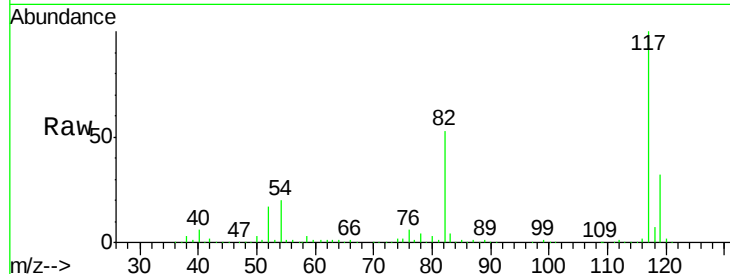




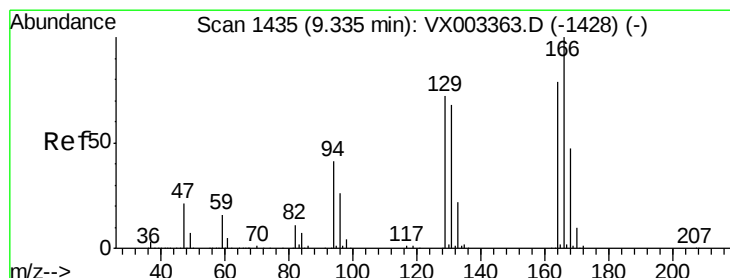
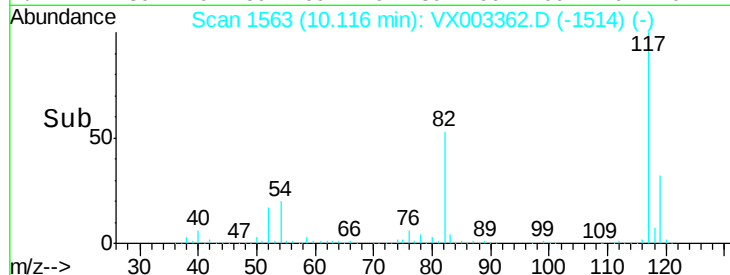
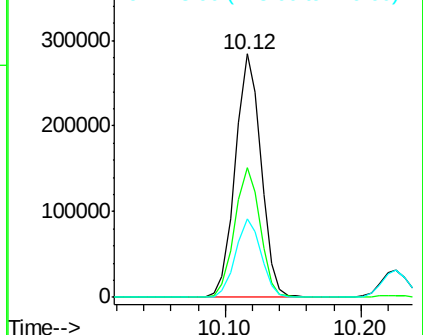
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 374350
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.4
119 32.0 25.8 38.6

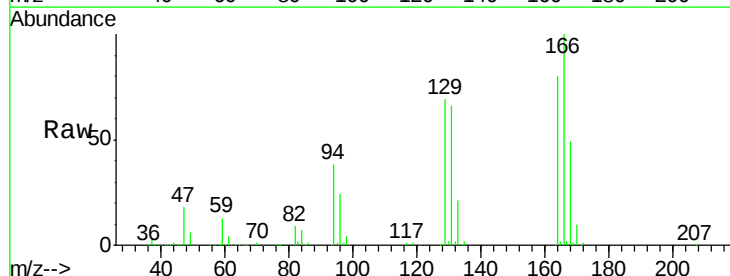


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

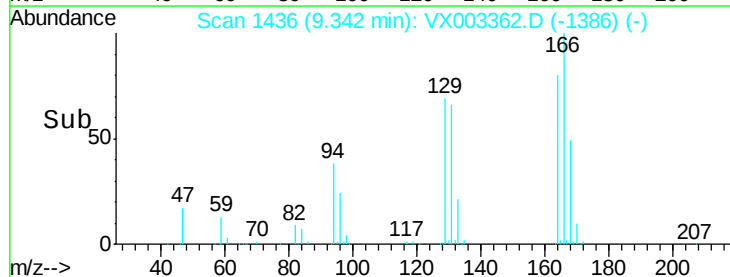
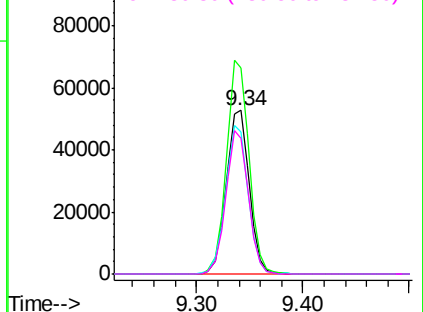


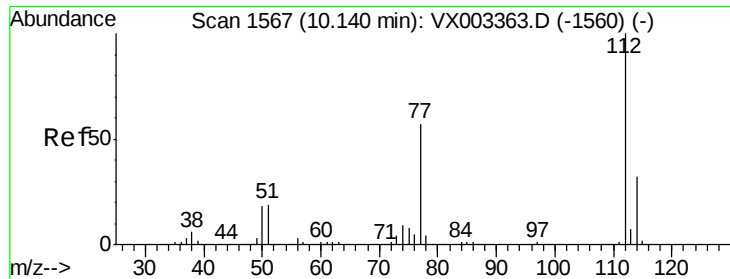
#64
Tetrachloroethene
Concen: 19.680 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Tgt Ion:164 Resp: 79785
Ion Ratio Lower Upper
164 100
166 125.7 102.9 154.3
129 87.1 68.6 102.8
131 82.8 66.8 100.2



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

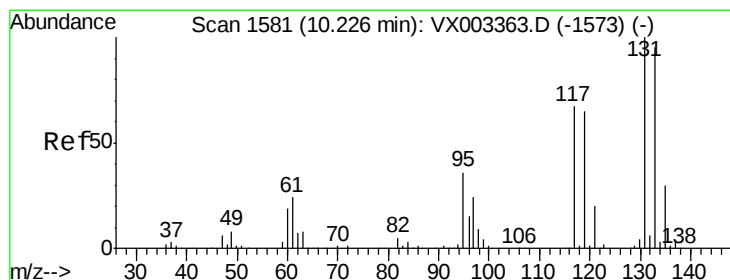
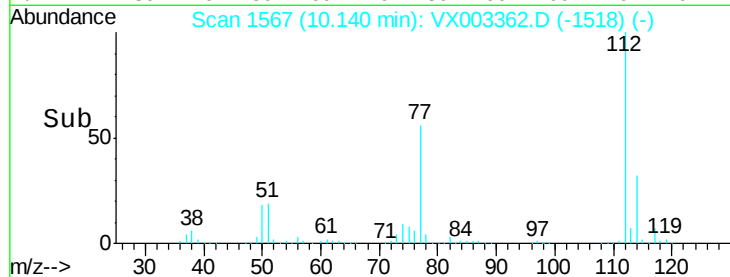
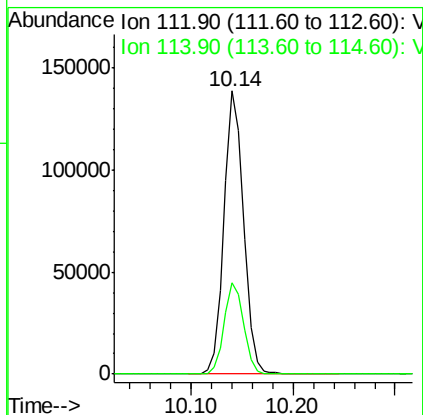
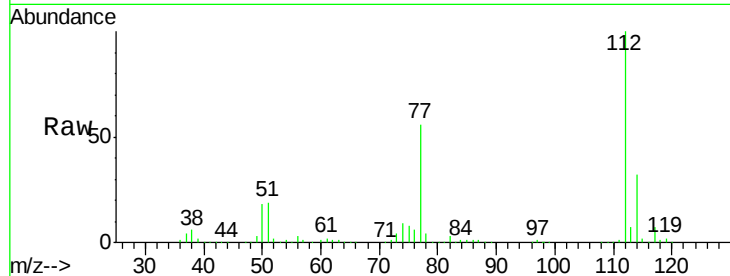




#65
Chlorobenzene
Concen: 19.288 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

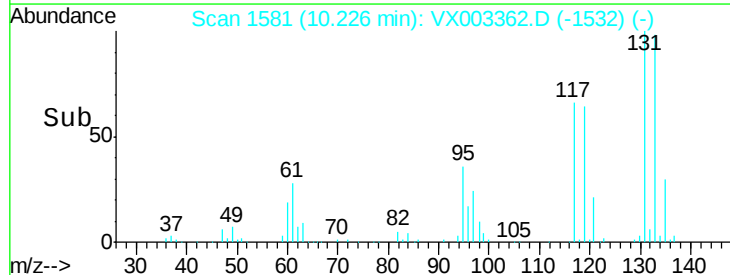
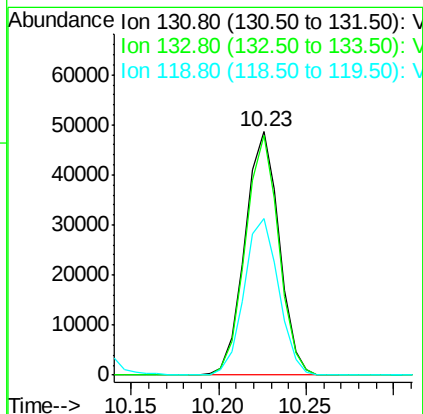
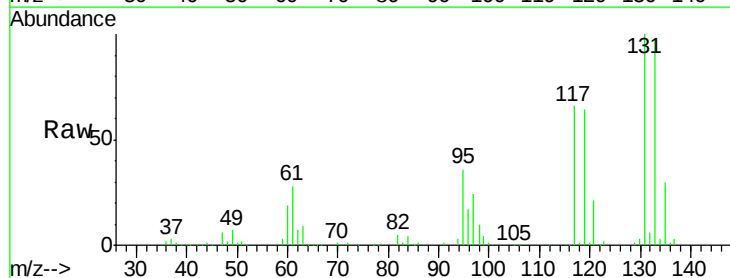
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

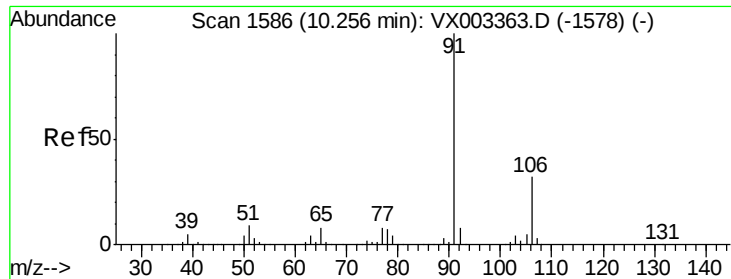
Tgt Ion:112 Resp: 185407
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.463 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Tgt Ion:131 Resp: 66152
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 65.3 31.8 95.3

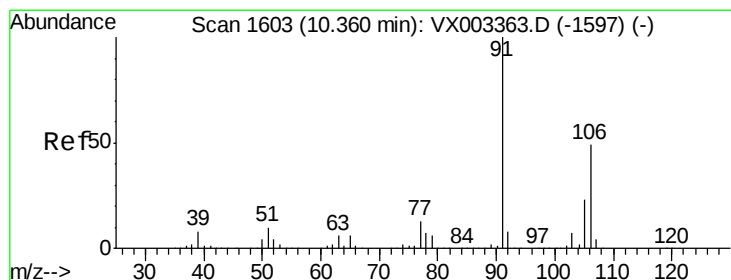
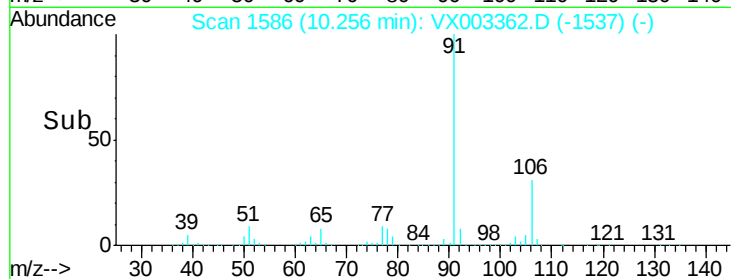
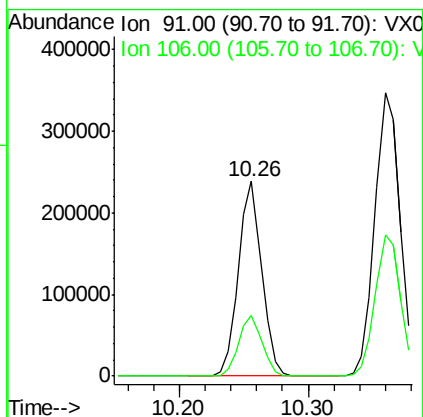
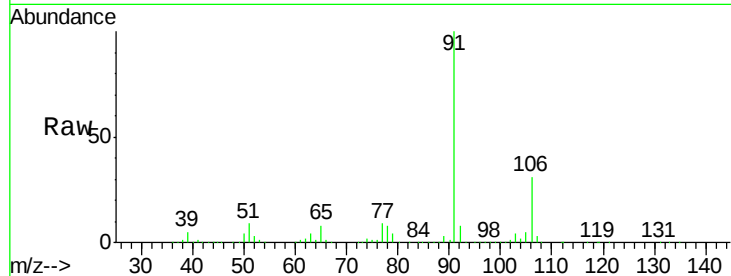




#67
Ethyl Benzene
Concen: 19.305 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

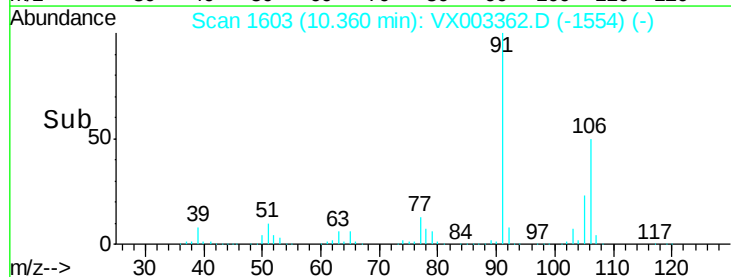
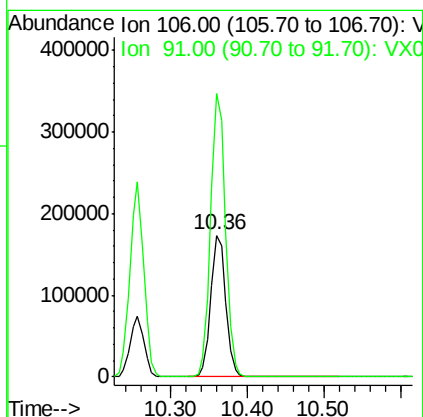
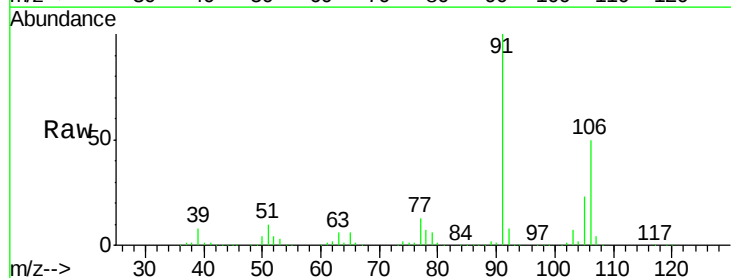
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

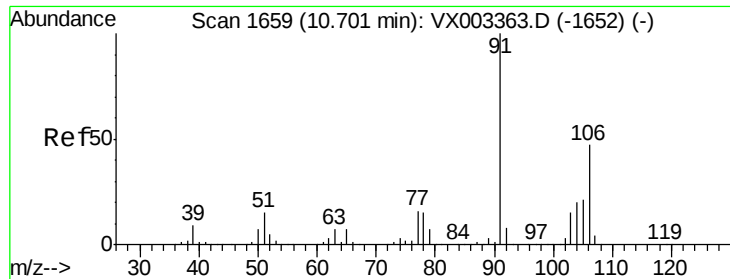
Tgt Ion: 91 Resp: 301988
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 39.069 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Tgt Ion: 106 Resp: 235435
Ion Ratio Lower Upper
106 100
91 199.1 163.4 245.2

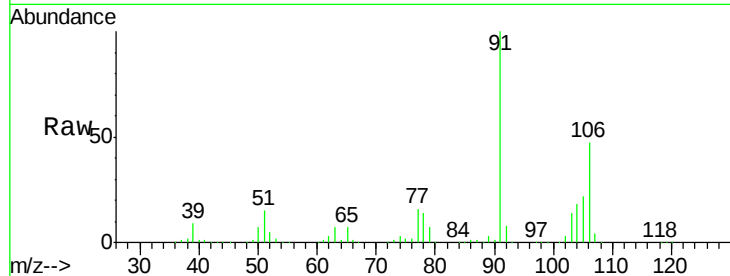




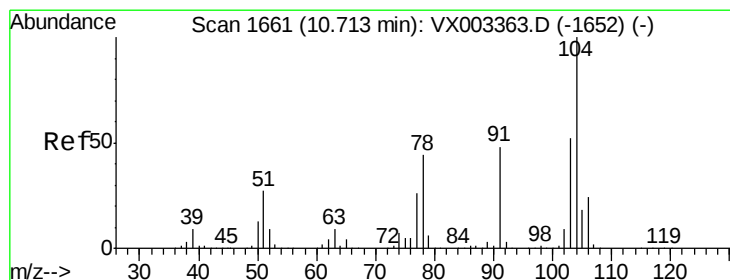
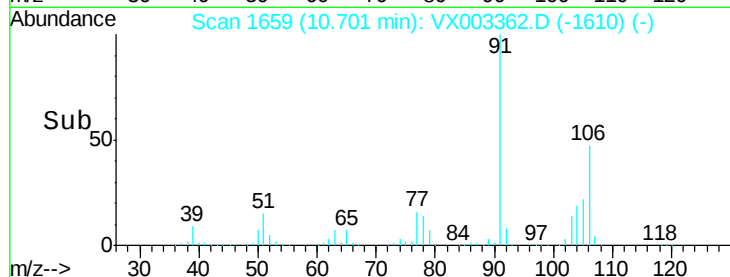
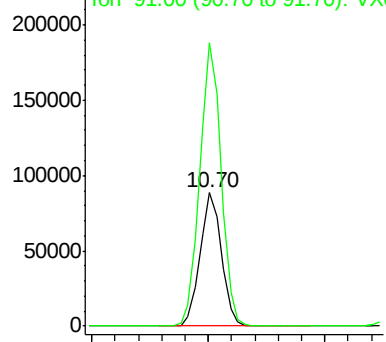
#69
o-Xylene
Concen: 19.161 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 112777
Ion Ratio Lower Upper
106 100
91 213.1 108.2 324.6

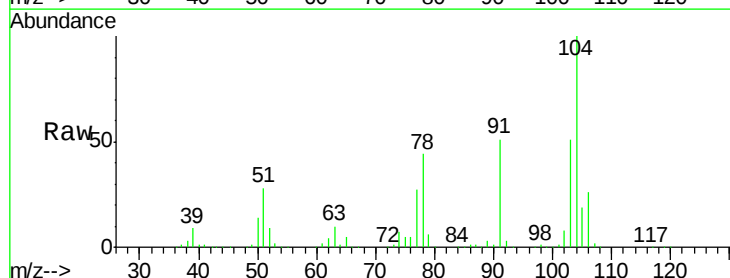


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

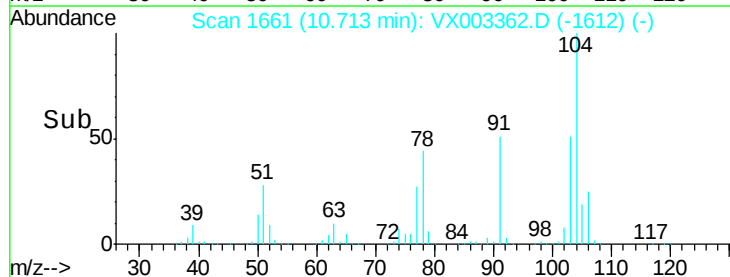
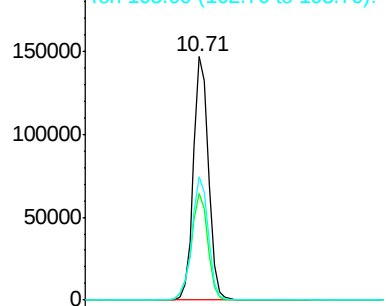


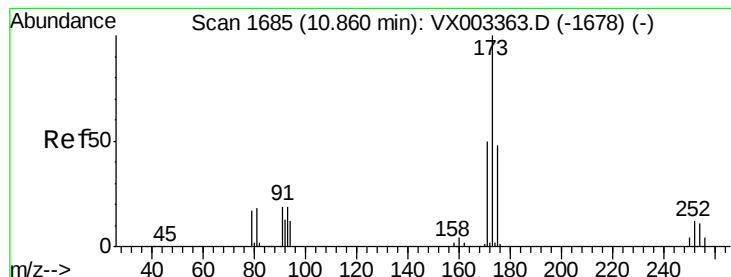
#70
Styrene
Concen: 19.236 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Tgt Ion:104 Resp: 190267
Ion Ratio Lower Upper
104 100
78 48.3 41.0 61.6
103 55.1 44.2 66.4



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





#71

Bromoform

Concen: 18.634 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

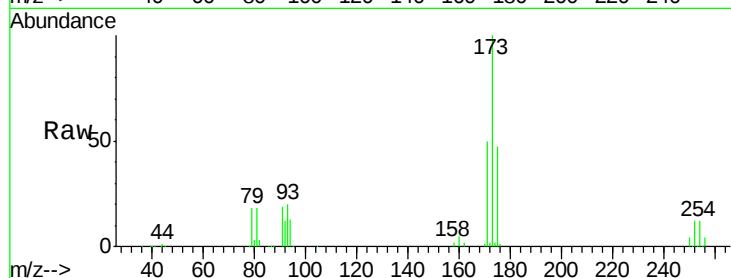
Tgt Ion:173 Resp: 48489

Ion Ratio Lower Upper

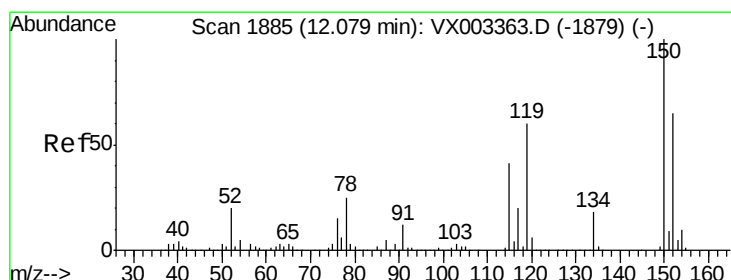
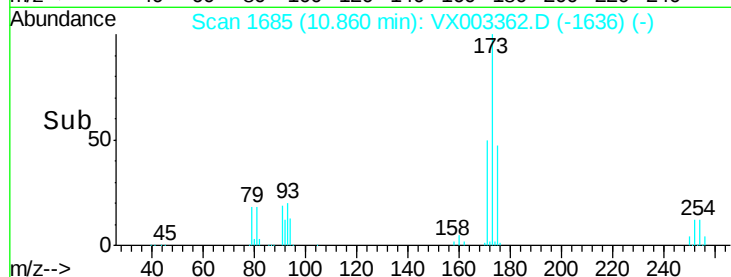
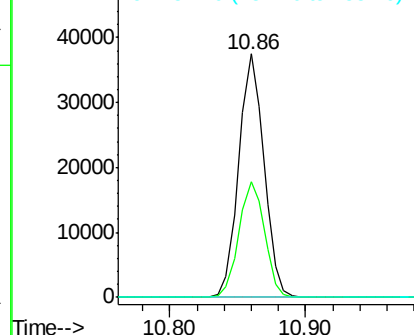
173 100

175 48.3 24.7 74.1

254 0.3 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# 1885

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

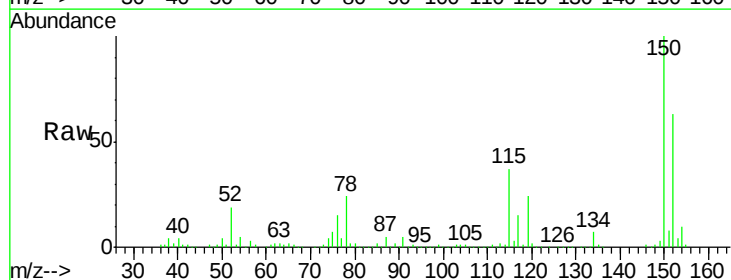
Tgt Ion:152 Resp: 223959

Ion Ratio Lower Upper

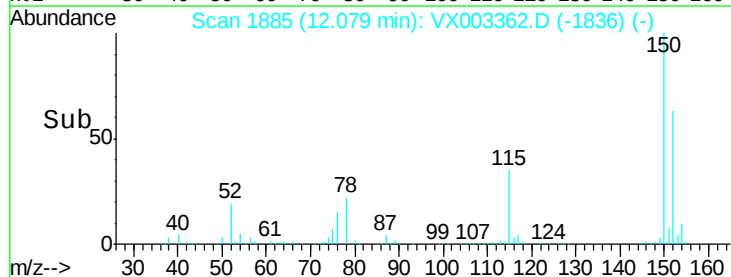
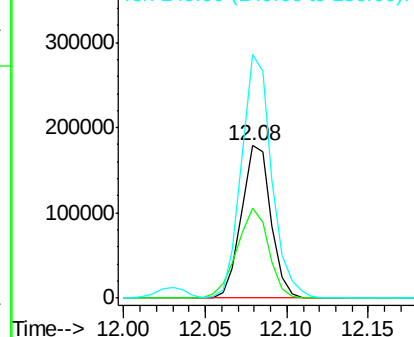
152 100

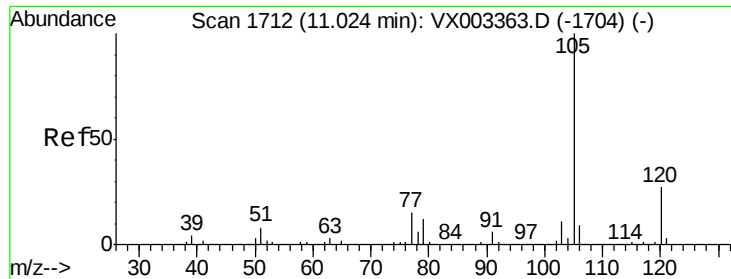
115 64.1 40.1 120.2

150 164.7 0.0 347.2



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: 19.593 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

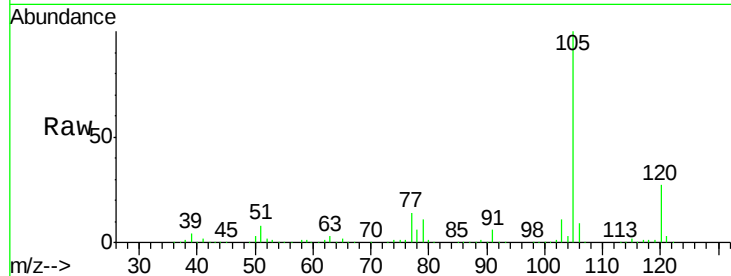
VSTDIC020

Tgt Ion: 105 Resp: 303405

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

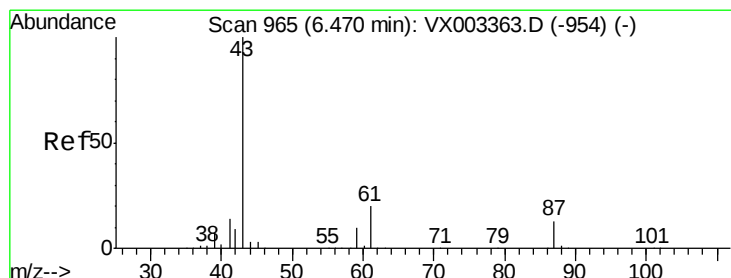
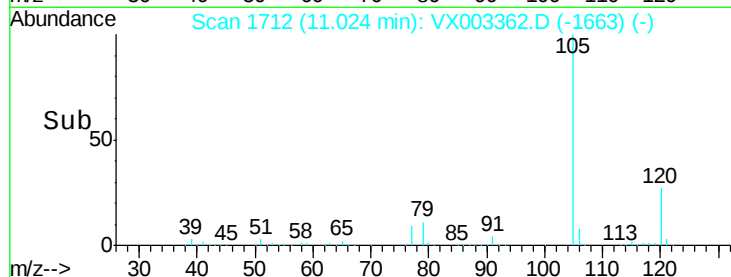
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.260 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Tgt Ion: 43 Resp: 138254

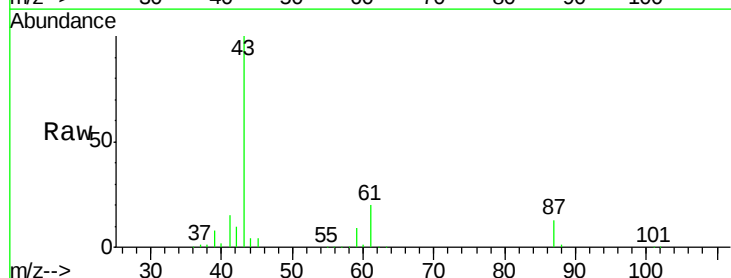
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.3 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

20000

0

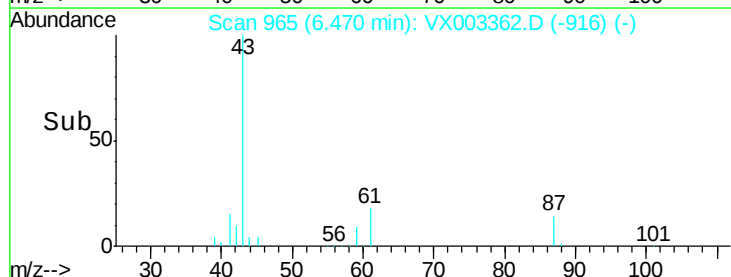
6.47

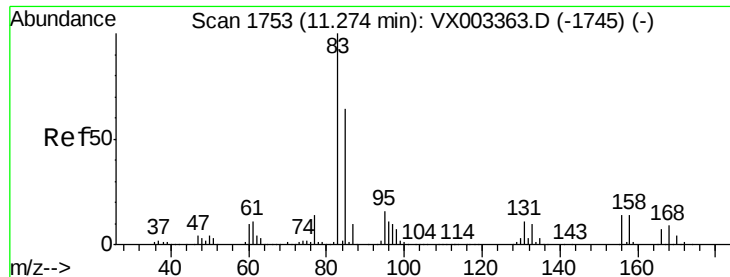
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.715 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

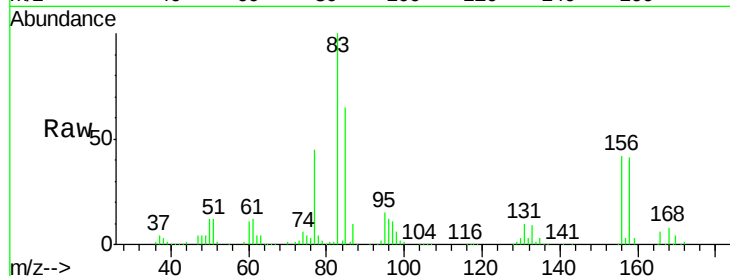
Tgt Ion: 83 Resp: 99670

Ion Ratio Lower Upper

83 100

131 10.4 5.6 16.8

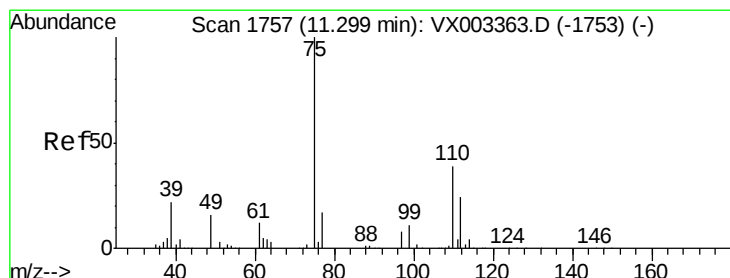
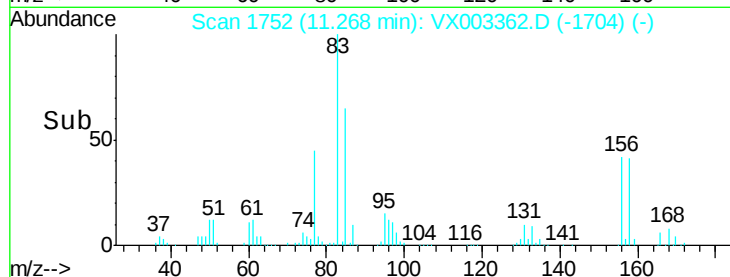
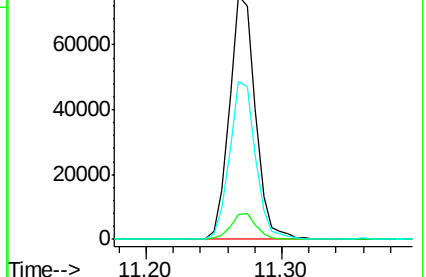
85 64.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.341 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003362.D

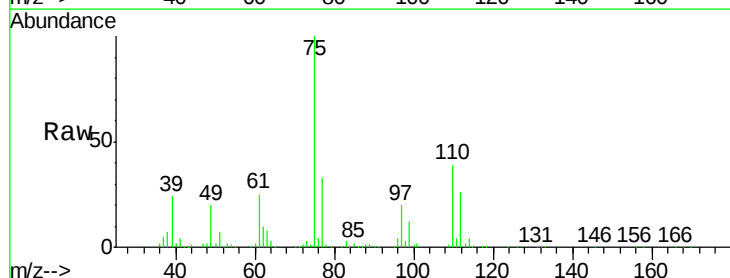
Acq: 13 Jul 2018 12:26

Tgt Ion: 75 Resp: 112125

Ion Ratio Lower Upper

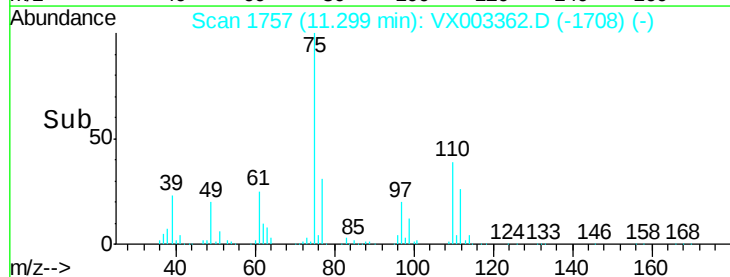
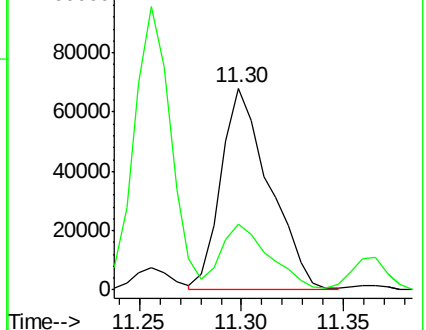
75 100

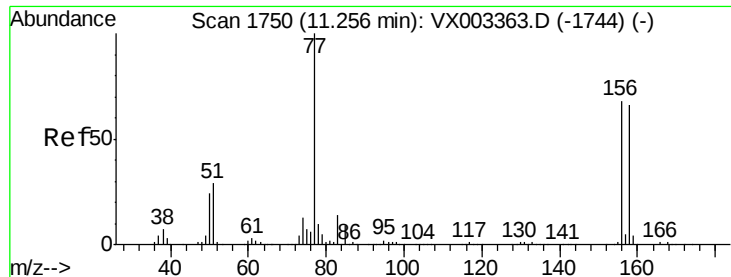
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.155 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

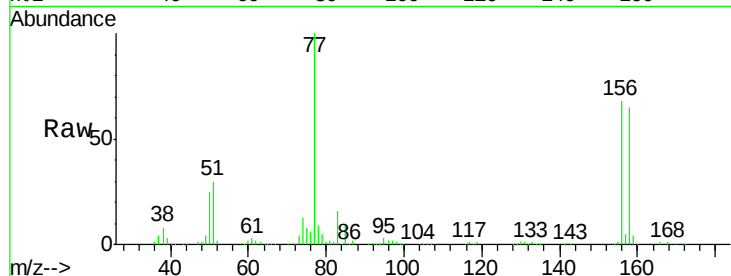
Tgt Ion:156 Resp: 83818

Ion Ratio Lower Upper

156 100

77 142.0 71.4 214.2

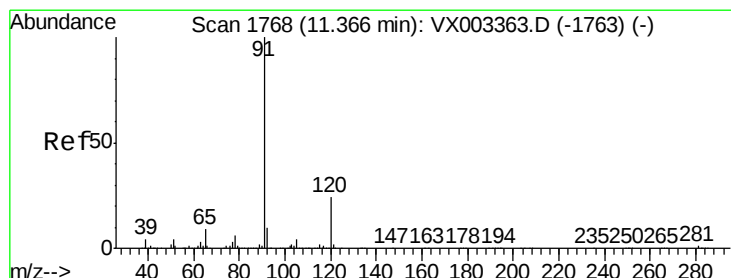
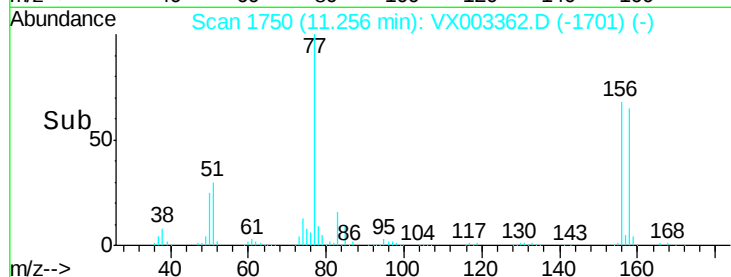
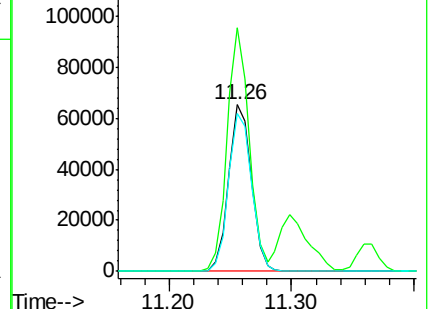
158 96.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.560 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003362.D

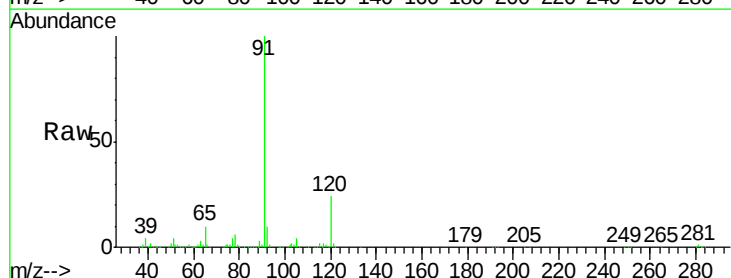
Acq: 13 Jul 2018 12:26

Tgt Ion: 91 Resp: 342369

Ion Ratio Lower Upper

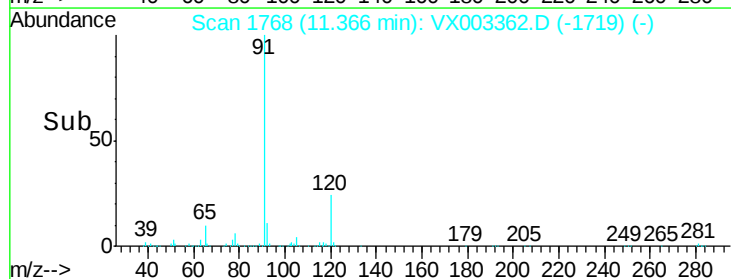
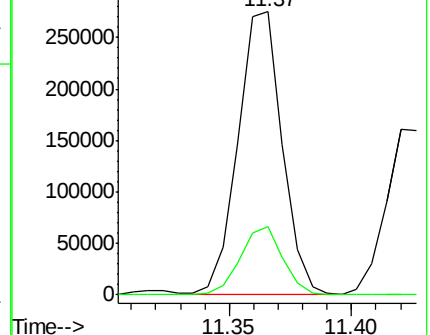
91 100

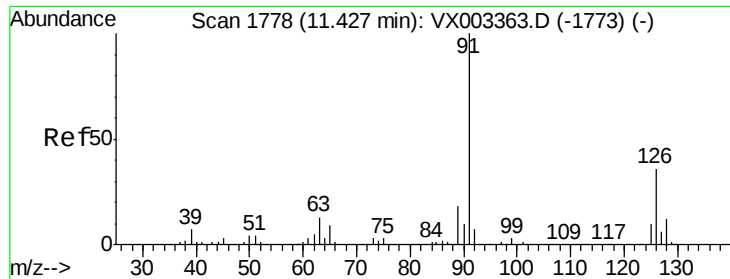
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

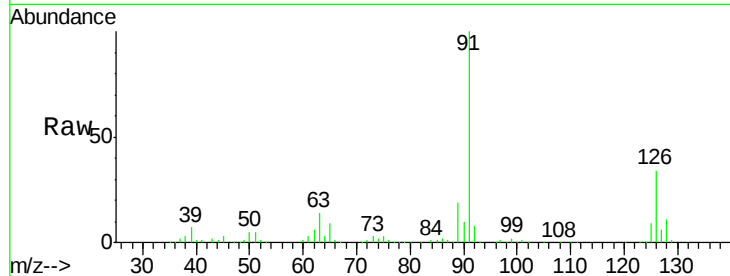




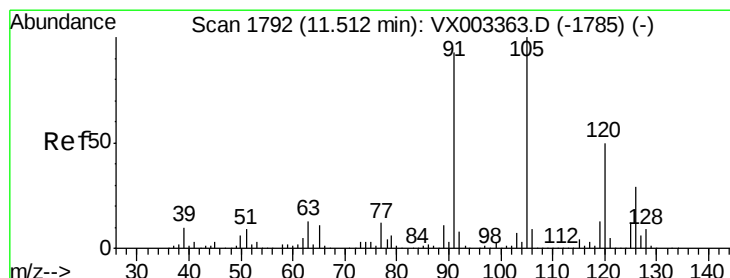
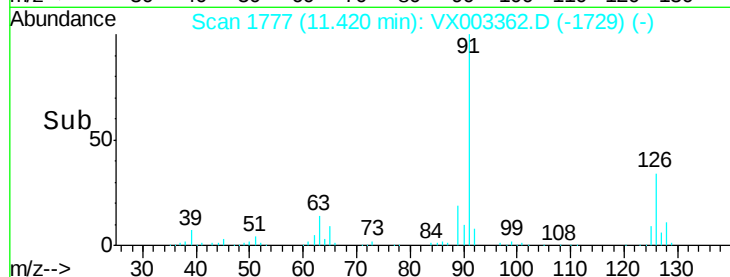
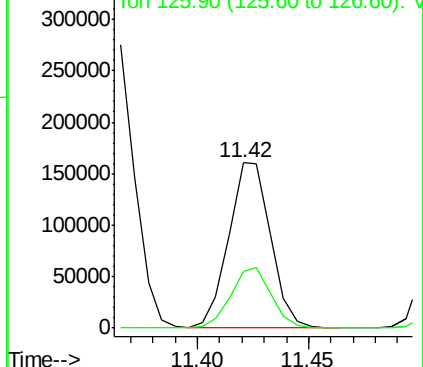
#79
 2-Chlorotoluene
 Concen: 19.228 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 91 Resp: 207891
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.7 53.1

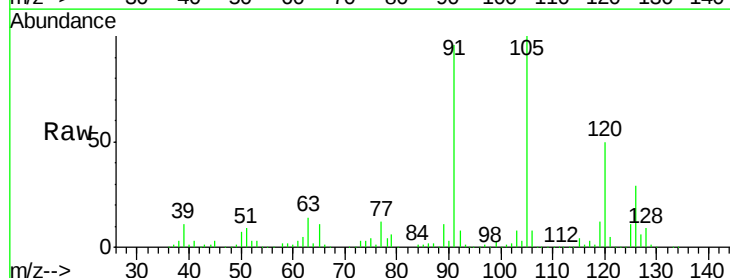


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

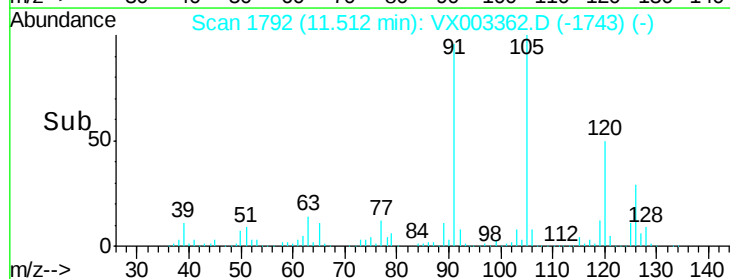
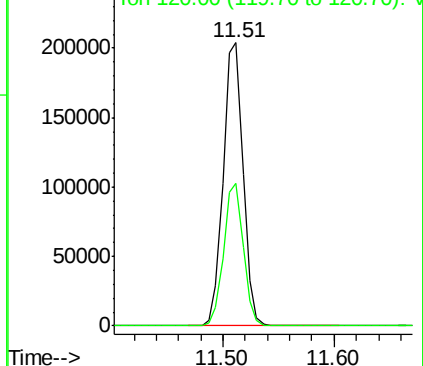


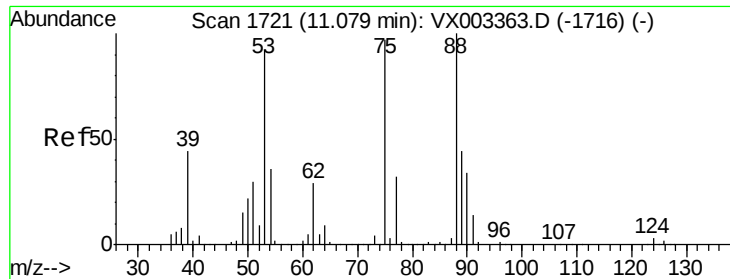
#80
 1,3,5-Trimethylbenzene
 Concen: 19.584 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Tgt Ion: 105 Resp: 251333
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.4 73.4



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





#81

trans-1,4-Dichloro-2-butene

Concen: 18.802 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003362.D

Acq: 13 Jul 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

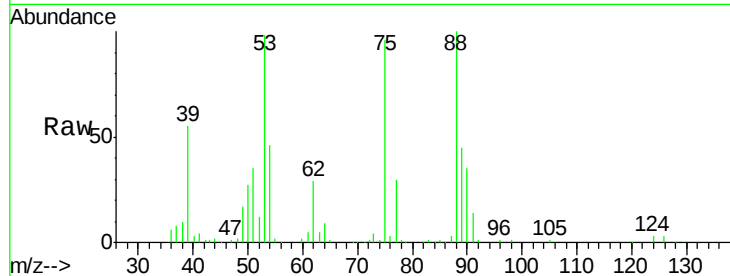
Tgt Ion: 75 Resp: 24952

Ion Ratio Lower Upper

75 100

53 108.5 86.8 130.2

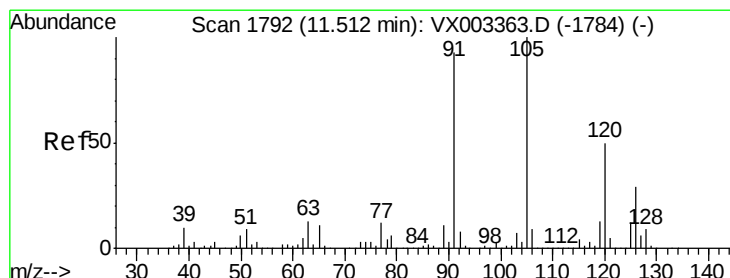
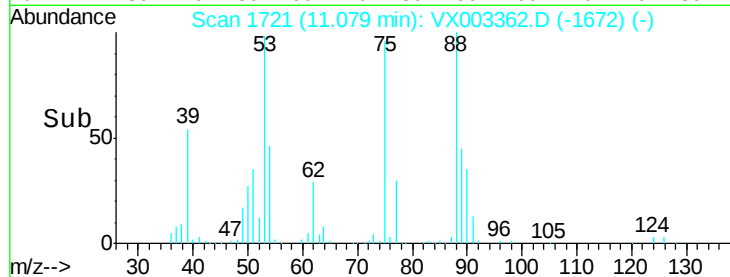
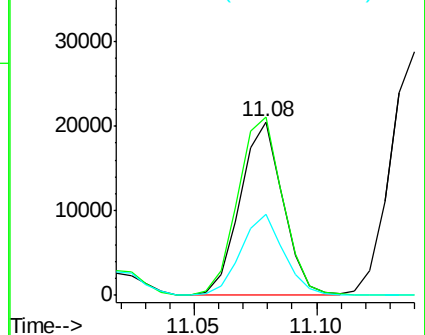
89 47.1 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.304 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003362.D

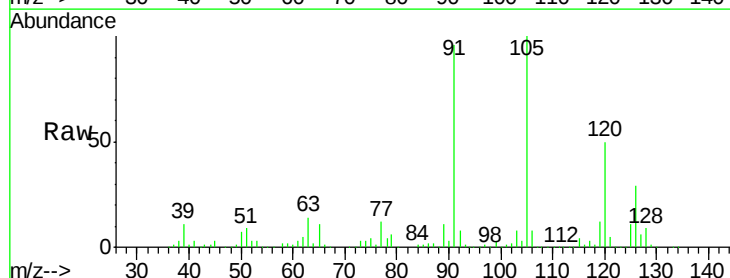
Acq: 13 Jul 2018 12:26

Tgt Ion: 91 Resp: 243157

Ion Ratio Lower Upper

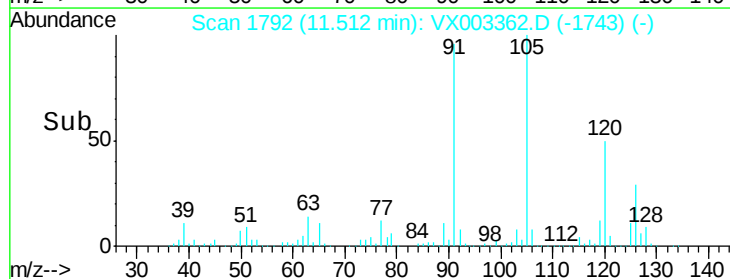
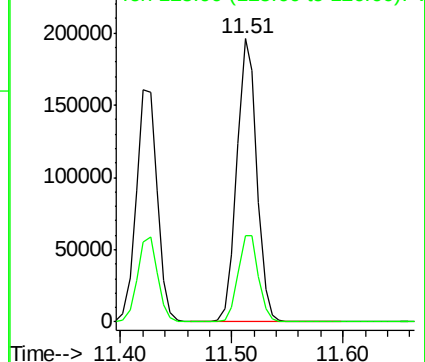
91 100

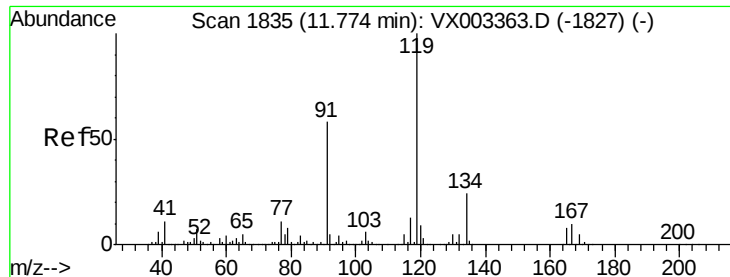
126 31.4 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

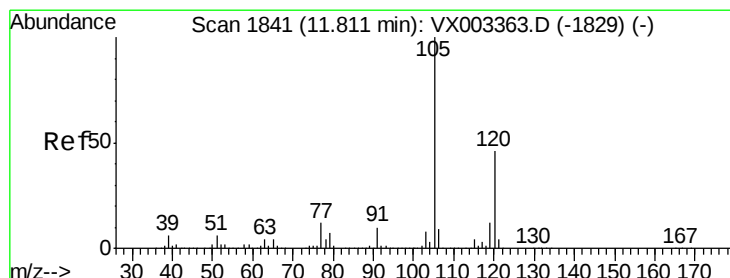
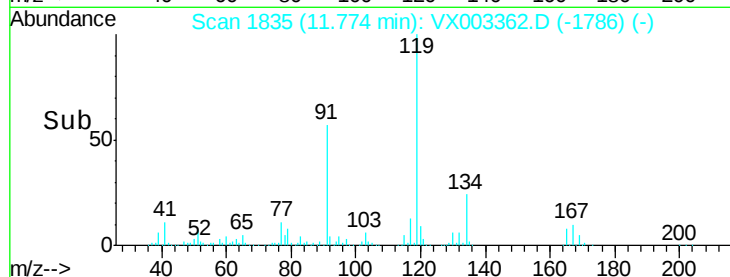
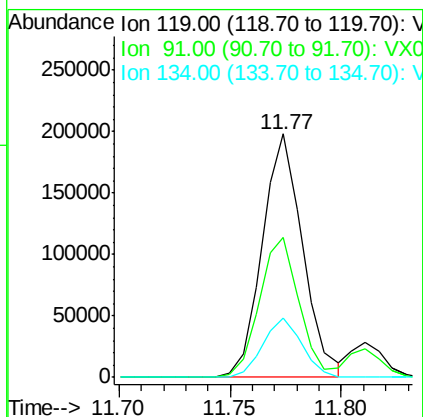
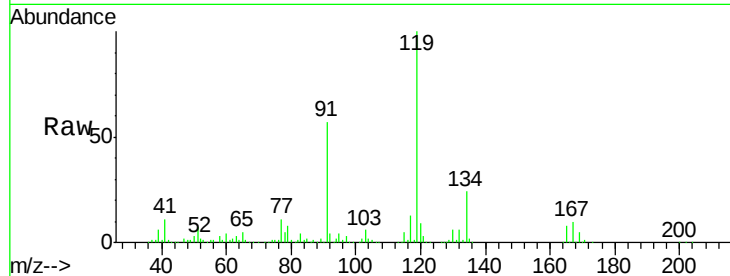




#83
 tert-Butylbenzene
 Concen: 19.678 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

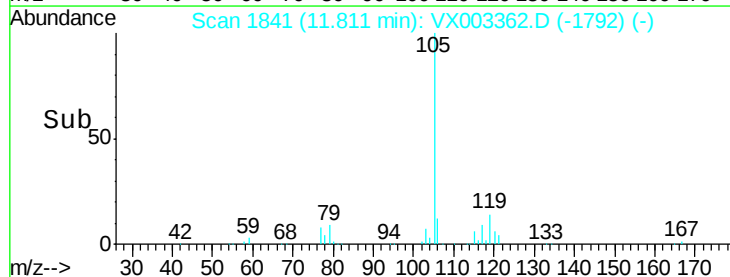
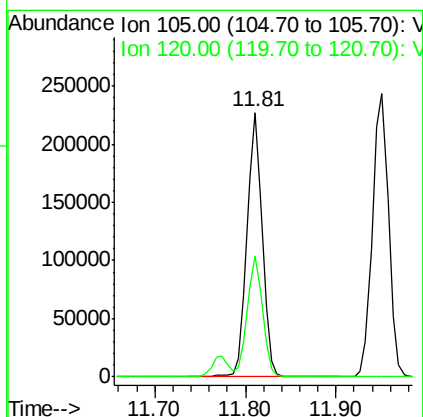
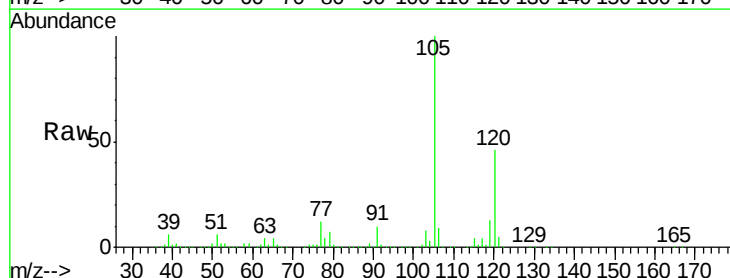
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

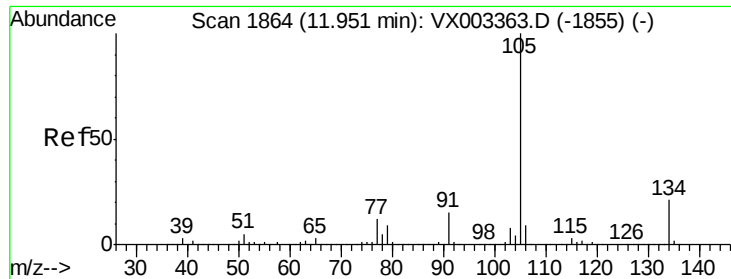
Tgt Ion:119 Resp: 250026
 Ion Ratio Lower Upper
 119 100
 91 56.1 30.3 90.9
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.468 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Tgt Ion:105 Resp: 266465
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.8

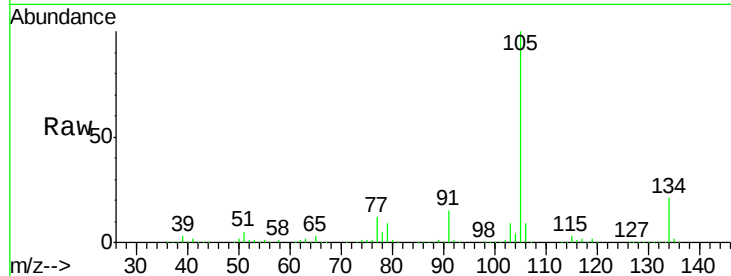




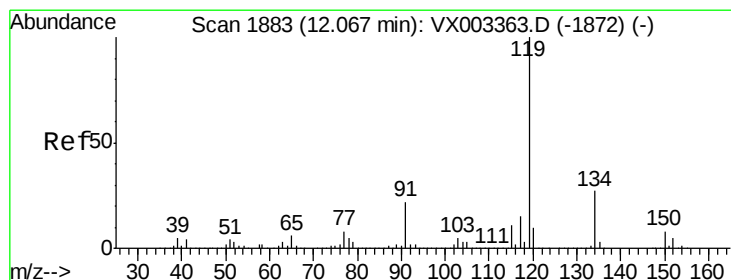
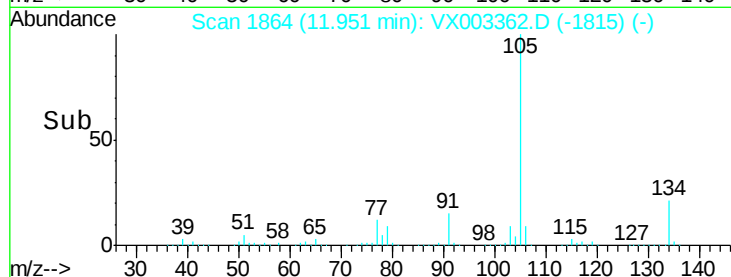
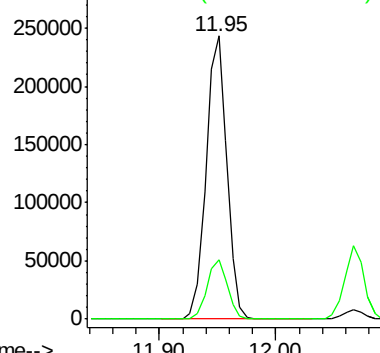
#85
 sec-Butylbenzene
 Concen: 19.769 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tgt Ion:105 Resp: 300218
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

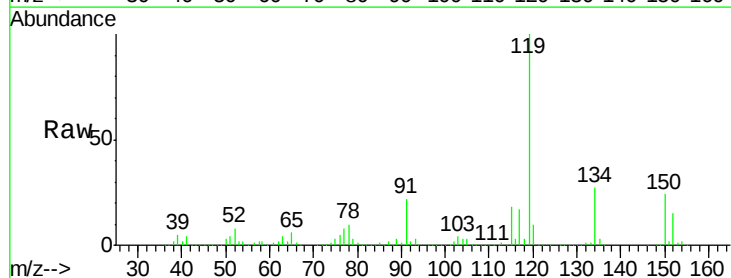


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

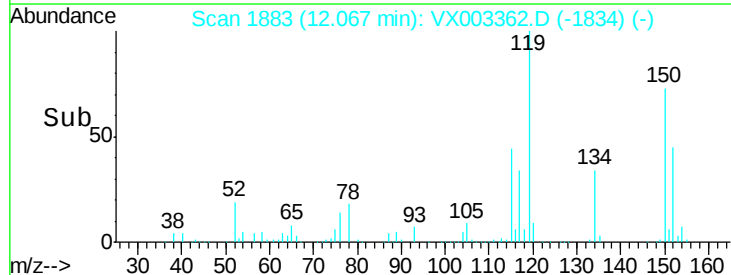
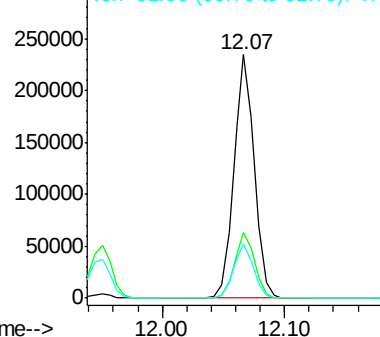


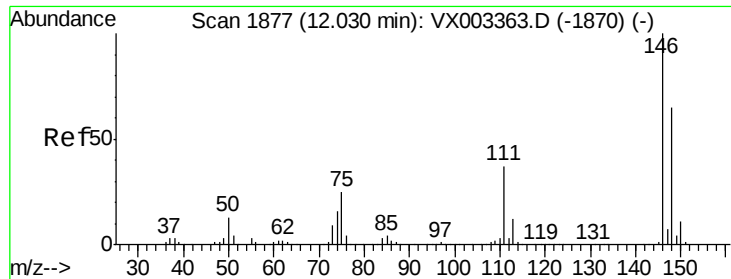
#86
 p-Isopropyltoluene
 Concen: 19.973 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Tgt Ion:119 Resp: 271353
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 22.1 11.9 35.7



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

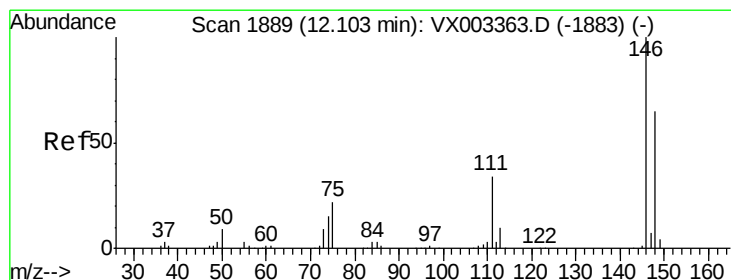
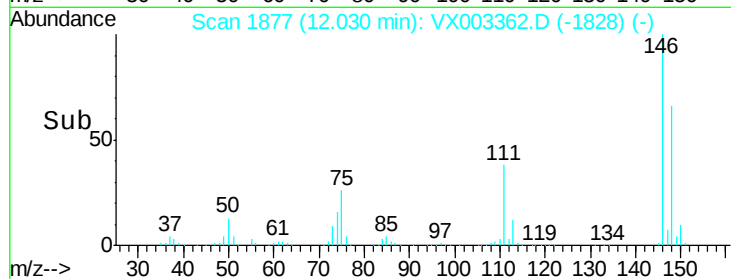
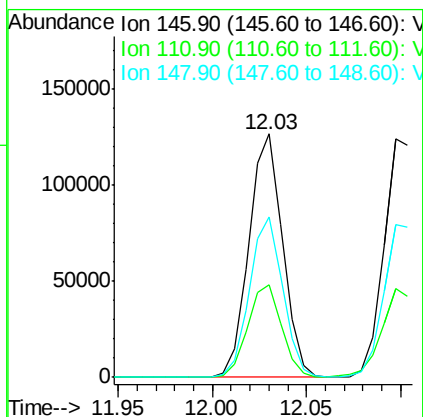
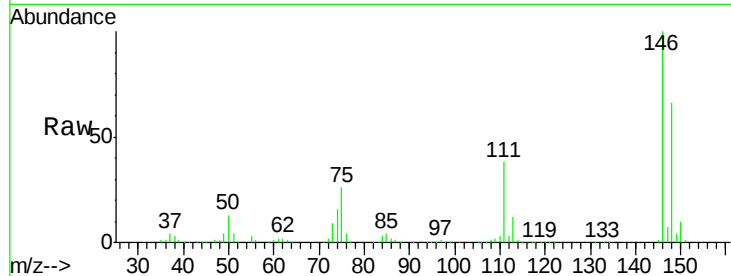




#87
 1,3-Dichlorobenzene
 Concen: 19.275 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

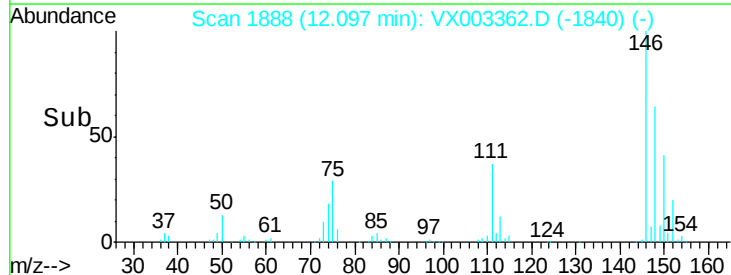
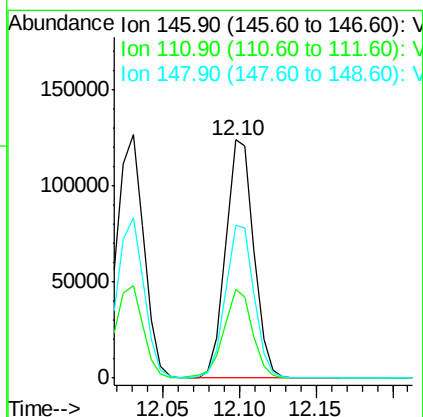
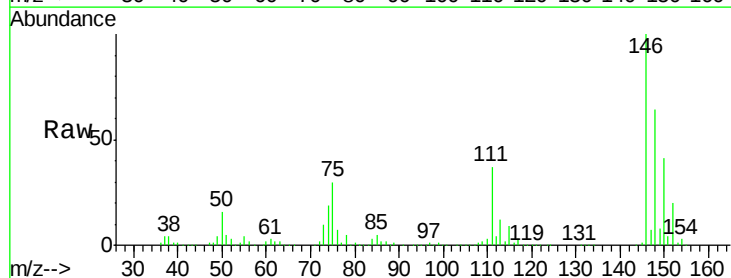
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

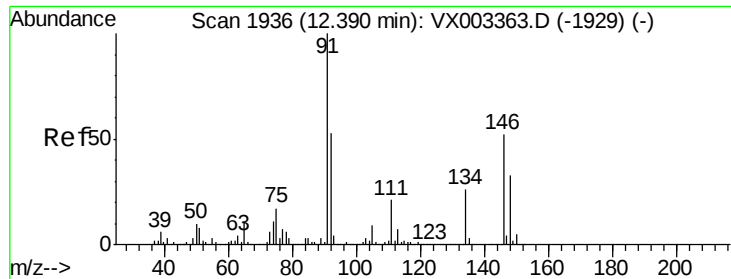
Tgt Ion:146 Resp: 157473
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.7
 148 64.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.074 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Tgt Ion:146 Resp: 158214
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.7 56.1
 148 65.1 32.4 97.0

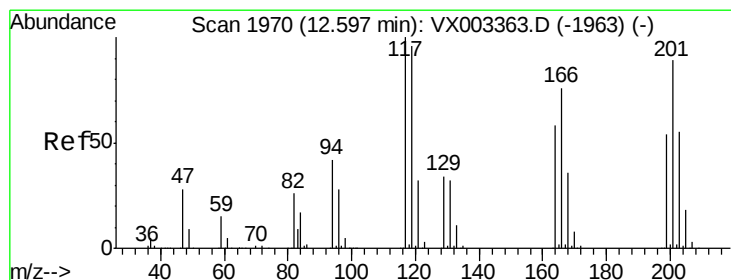
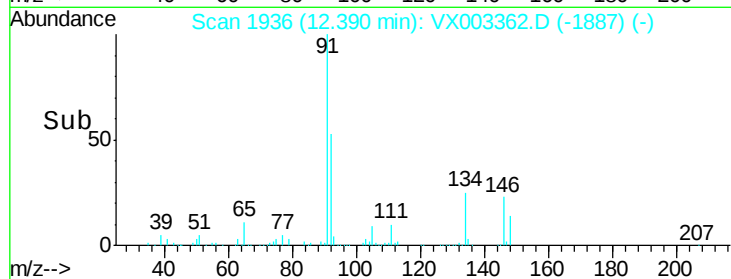
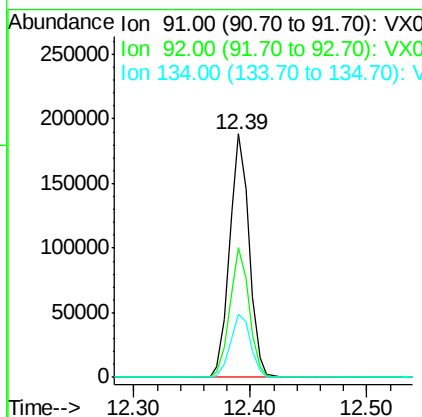
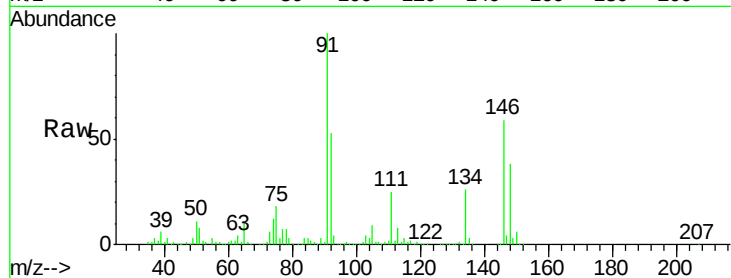




#89
n-Butylbenzene
Concen: 18.892 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

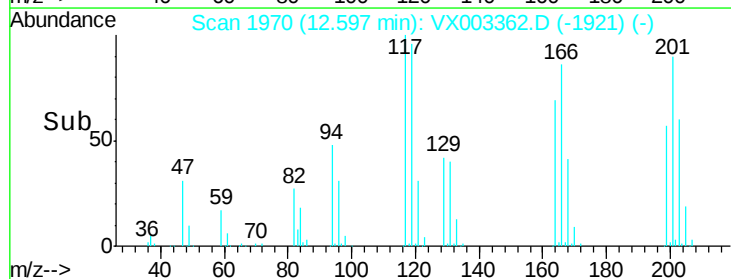
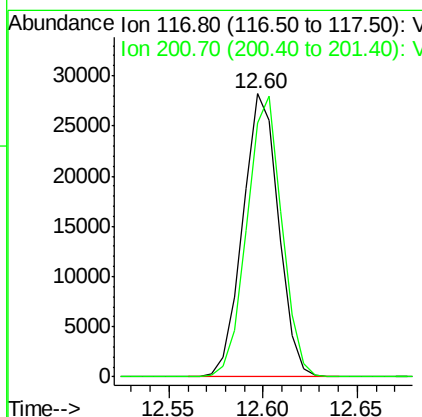
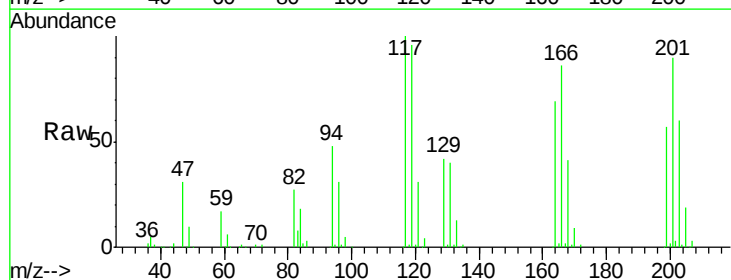
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

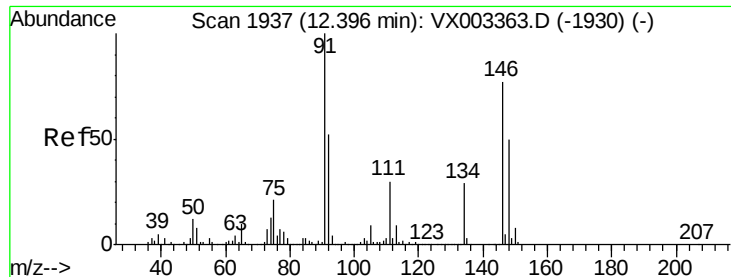
Tgt Ion: 91 Resp: 219630
Ion Ratio Lower Upper
91 100
92 52.5 26.0 78.0
134 26.9 13.5 40.5



#90
Hexachloroethane
Concen: 18.177 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Tgt Ion: 117 Resp: 37019
Ion Ratio Lower Upper
117 100
201 96.9 49.0 147.0

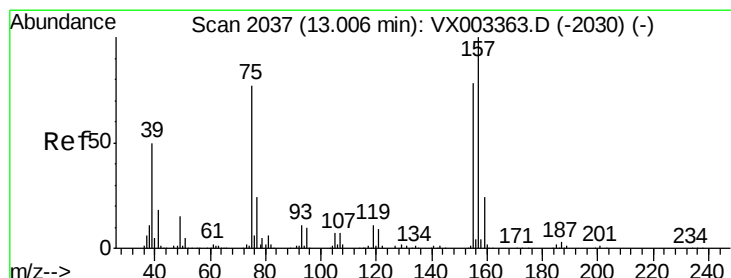
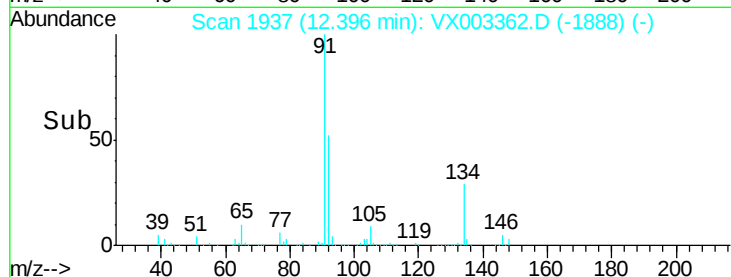
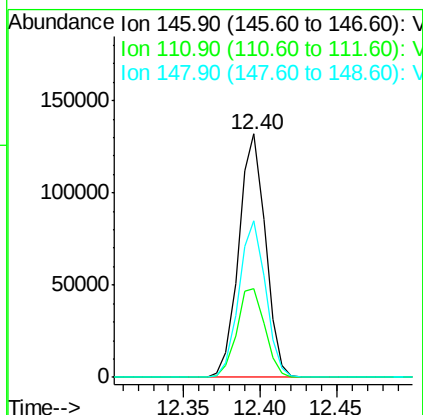
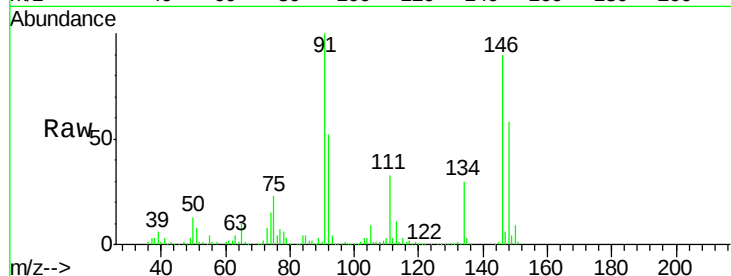




#91
 1,2-Dichlorobenzene
 Concen: 19.552 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

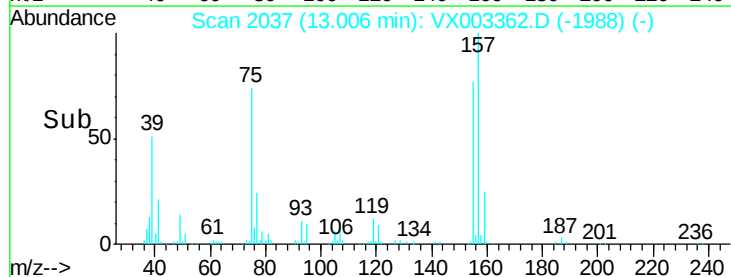
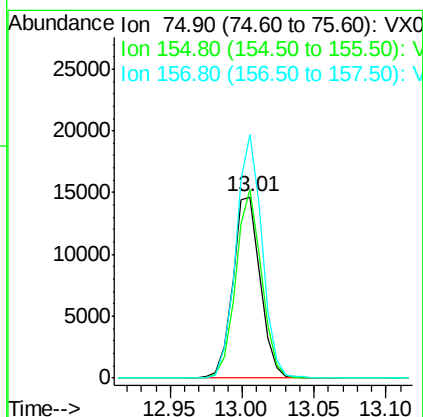
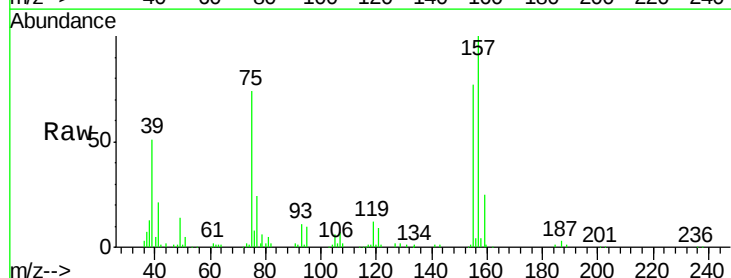
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

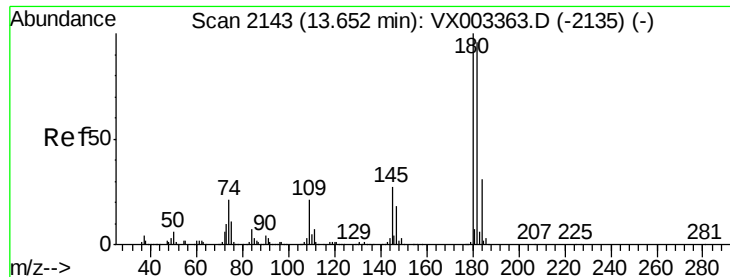
Tgt Ion:146 Resp: 159854
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.1
 148 64.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.471 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Tgt Ion: 75 Resp: 19519
 Ion Ratio Lower Upper
 75 100
 155 96.6 45.8 137.4
 157 126.9 60.1 180.3

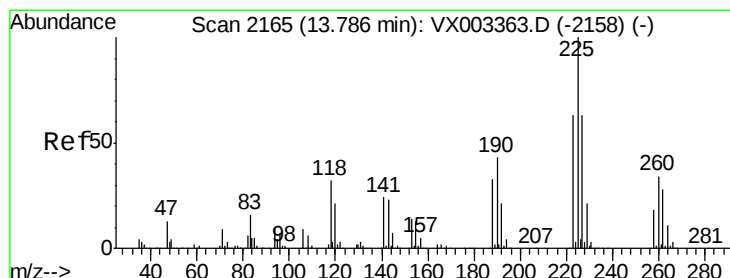
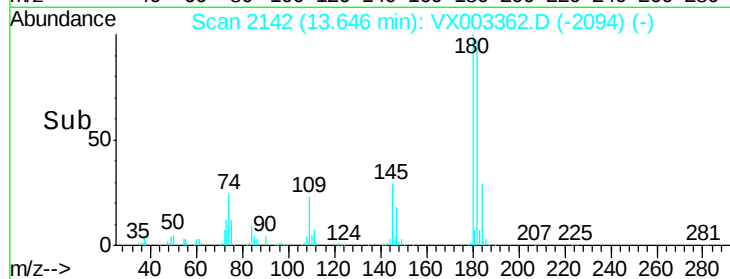
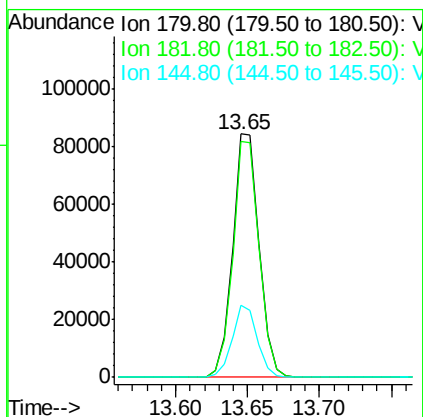
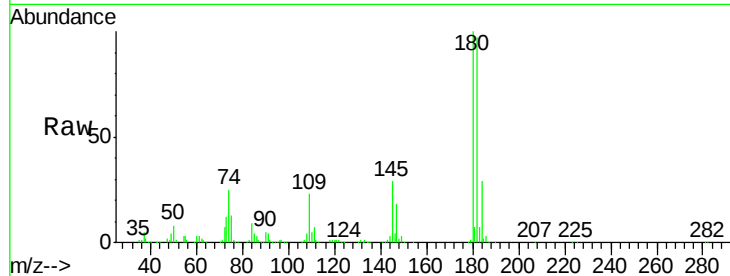




#93
 1,2,4-Trichlorobenzene
 Concen: 19.272 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

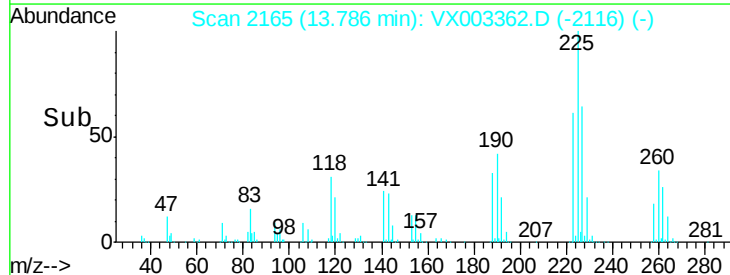
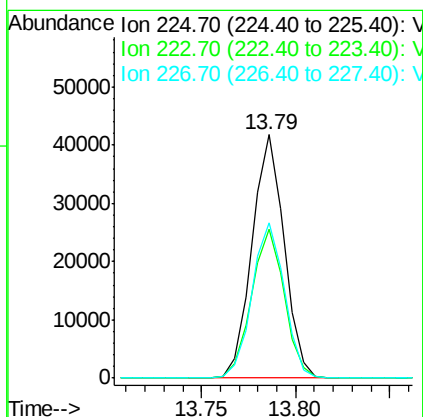
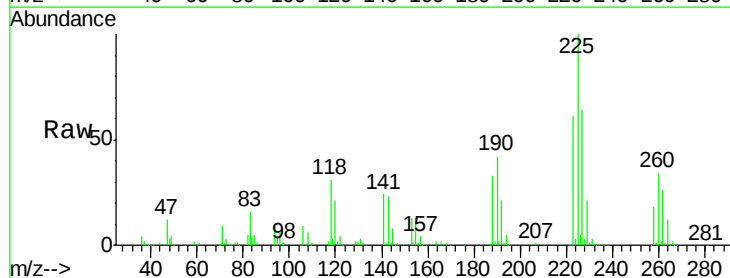
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

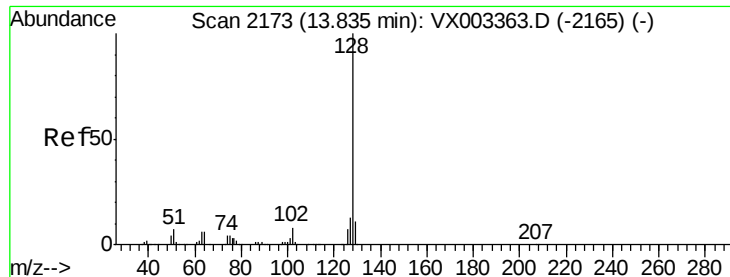
Tgt Ion:180 Resp: 107795
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.7 143.1
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.682 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003362.D
 Acq: 13 Jul 2018 12:26

Tgt Ion:225 Resp: 49307
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 95.0
 227 64.3 32.4 97.2

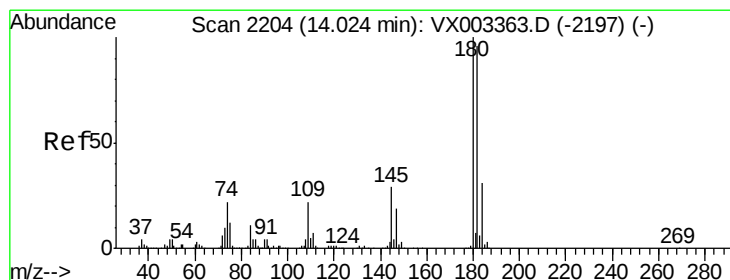
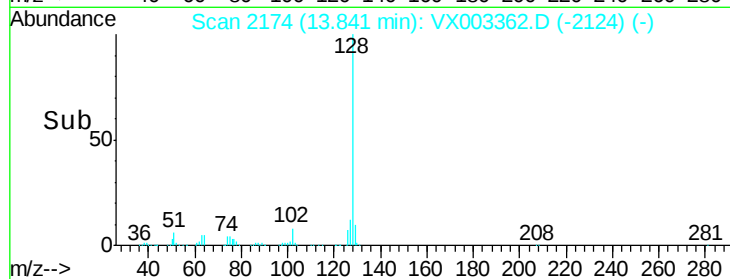
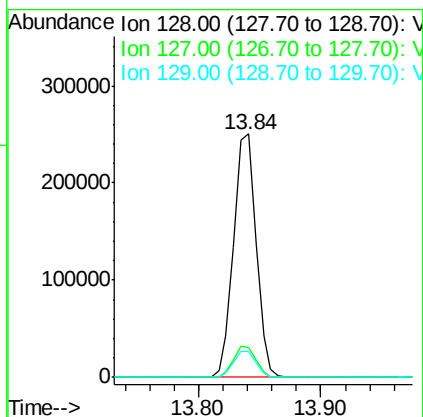
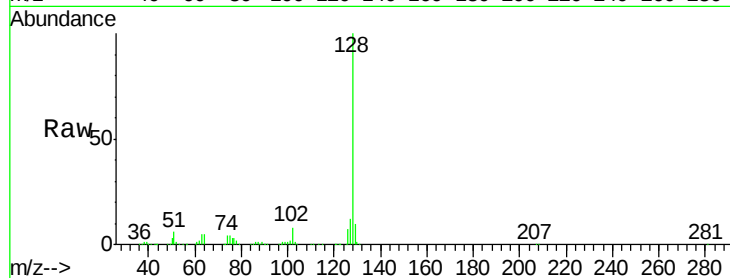




#95
Naphthalene
Concen: 20.288 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 318045
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.837 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003362.D
Acq: 13 Jul 2018 12:26

Tgt Ion:180 Resp: 111976
Ion Ratio Lower Upper
180 100
182 94.7 48.0 144.0
145 30.2 14.8 44.3

