

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003069.D
 Acq On : 30 Jun 2018 09:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 30 11:04:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	426772	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	397139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249037	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	260650	61.81	ug/l	0.00
Spiked Amount			Recovery	=	123.62%	
35) Dibromofluoromethane	5.51	113	170714	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
50) Toluene-d8	8.72	98	592561	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
62) 4-Bromofluorobenzene	11.14	95	227514	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	160281	58.89	ug/l	99
3) Chloromethane	1.33	50	155165	54.98	ug/l	100
4) Vinyl Chloride	1.41	62	177315	51.39	ug/l	94
5) Bromomethane	1.64	94	82611	51.37	ug/l	99
6) Chloroethane	1.72	64	115719	57.48	ug/l	97
7) Trichlorofluoromethane	1.93	101	276270	47.47	ug/l	98
8) Diethyl Ether	2.19	74	102664	48.52	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	157296	46.64	ug/l	98
10) Methyl Iodide	2.51	142	166971	48.97	ug/l	98
11) Tert butyl alcohol	3.07	59	202645	241.23	ug/l	99
12) 1,1-Dichloroethene	2.38	96	147653	49.07	ug/l	94
13) Acrolein	2.30	56	94917	204.59	ug/l	99
14) Allyl chloride	2.73	41	268043	45.19	ug/l	96
15) Acrylonitrile	3.15	53	439768	245.09	ug/l	98
16) Acetone	2.45	43	402702	230.59	ug/l	99
17) Carbon Disulfide	2.57	76	401580	50.09	ug/l	99
18) Methyl Acetate	2.78	43	214584	43.95	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	529622	48.96	ug/l	98
20) Methylene Chloride	2.86	84	162542	47.83	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	155854	47.56	ug/l	98
22) Diisopropyl ether	3.87	45	545971	48.16	ug/l	95
23) Vinyl Acetate	3.83	43	2354151	245.22	ug/l	98
24) 1,1-Dichloroethane	3.70	63	296904	48.18	ug/l	99
25) 2-Butanone	4.71	43	652534	251.77	ug/l	99
26) 2,2-Dichloropropane	4.59	77	118595	23.67	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	184610	50.24	ug/l	90
28) Bromochloromethane	5.03	49	145718	49.40	ug/l	91
29) Tetrahydrofuran	5.17	42	415679	250.10	ug/l	95
30) Chloroform	5.22	83	316514	50.05	ug/l	96
31) Cyclohexane	5.58	56	265556	50.21	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	304429	54.71	ug/l	96
36) 1,1-Dichloropropene	5.80	75	228379	48.80	ug/l	98
37) Ethyl Acetate	4.86	43	256709	50.94	ug/l	99
38) Carbon Tetrachloride	5.79	117	264355	51.47	ug/l	98

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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	256208	47.00	ug/l	97
40) Benzene	6.15	78	753410	55.40	ug/l	96
41) Methacrylonitrile	5.07	41	145579	50.17	ug/l	98
42) 1,2-Dichloroethane	6.20	62	265531	48.34	ug/l	99
43) Isopropyl Acetate	6.47	43	417899	49.45	ug/l	98
44) Trichloroethene	7.21	130	203420	50.17	ug/l	99
45) 1,2-Dichloropropane	7.52	63	176411	48.91	ug/l	99
46) Dibromomethane	7.67	93	122146	48.79	ug/l	95
47) Bromodichloromethane	7.90	83	233344	50.42	ug/l	98
48) Methyl methacrylate	7.78	41	214256	49.20	ug/l	95
49) 1,4-Dioxane	7.76	88	83847	989.69	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1309968	247.75	ug/l	98
52) Toluene	8.79	92	436012	50.05	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	245245	46.79	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	225477	44.71	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	175375	48.99	ug/l	98
56) Ethyl methacrylate	9.18	69	266566	50.95	ug/l	95
57) 1,3-Dichloropropane	9.37	76	284602	48.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	632953	250.78	ug/l	97
59) 2-Hexanone	9.50	43	984084	244.88	ug/l	97
60) Dibromochloromethane	9.59	129	194322	51.57	ug/l	100
61) 1,2-Dibromoethane	9.68	107	186226	49.60	ug/l	100
64) Tetrachloroethene	9.34	164	224559	50.85	ug/l	97
65) Chlorobenzene	10.14	112	493173	48.89	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	187637	51.21	ug/l	99
67) Ethyl Benzene	10.26	91	838337	50.31	ug/l	100
68) m/p-Xylenes	10.36	106	654580	101.93	ug/l	86
69) o-Xylene	10.70	106	382708	61.20	ug/l	89
70) Styrene	10.71	104	561716	55.28	ug/l	93
71) Bromoform	10.86	173	158194	47.95	ug/l	99
73) Isopropylbenzene	11.02	105	858922	51.27	ug/l	100
74) N-amyl acetate	6.47	43	417899	50.98	ug/l	# 98
75) 1,1,2,2-Tetrachloroethane	11.27	83	263186	51.00	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	277009	61.41	ug/l	79
77) Bromobenzene	11.26	156	242954	50.92	ug/l	96
78) n-propylbenzene	11.36	91	1081410	56.71	ug/l	96
79) 2-Chlorotoluene	11.42	91	575214	49.82	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	717732	50.87	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	61258	40.11	ug/l	97
82) 4-Chlorotoluene	11.51	91	672877	49.23	ug/l	98
83) tert-Butylbenzene	11.77	119	705907	50.76	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	738070	50.48	ug/l	98
85) sec-Butylbenzene	11.95	105	835285	49.51	ug/l	100
86) p-Isopropyltoluene	12.07	119	770376	50.79	ug/l	96
87) 1,3-Dichlorobenzene	12.03	146	436588	50.10	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	437400	48.78	ug/l	99
89) n-Butylbenzene	12.39	91	626781	47.48	ug/l	99
90) Hexachloroethane	12.60	117	111795	49.55	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	435408	49.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	61507	53.02	ug/l	95

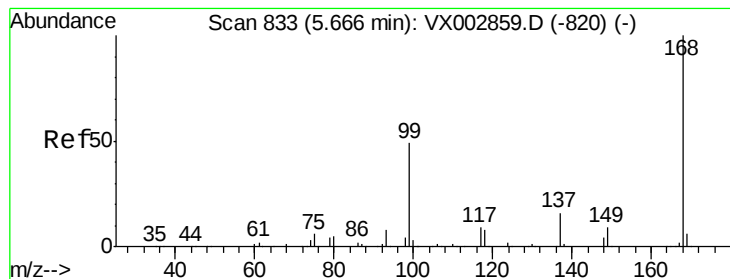
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	319180	49.87	ug/l	99
94) Hexachlorobutadiene	13.79	225	151142	47.34	ug/l	99
95) Naphthalene	13.84	128	934813	54.83	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	324568	50.77	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

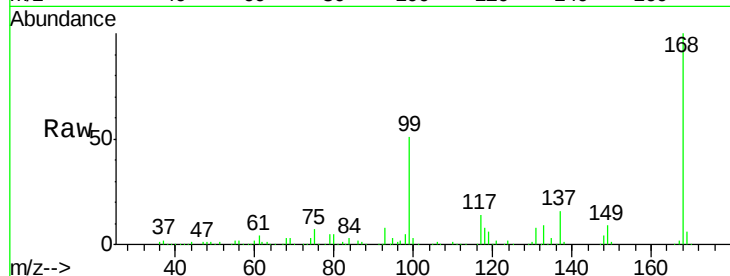
VSTDCCC050EC

Tot Ion:168 Resp: 305091

Ion Ratio Lower Upper

168 100

99 50.6 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

120000

100000

80000

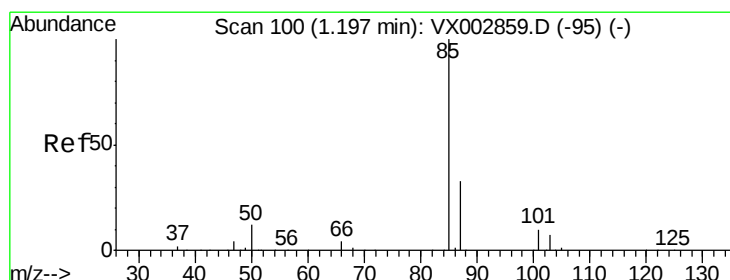
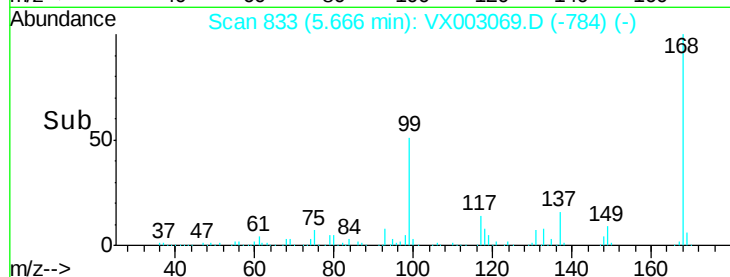
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 58.89 ug/l

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX003069.D

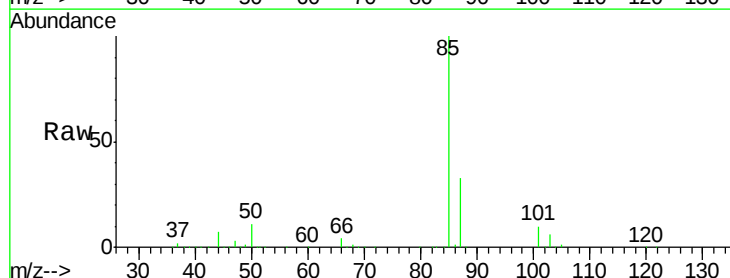
Acq: 30 Jun 2018 09:34

Tgt Ion: 85 Resp: 160281

Ion Ratio Lower Upper

85 100

87 32.5 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

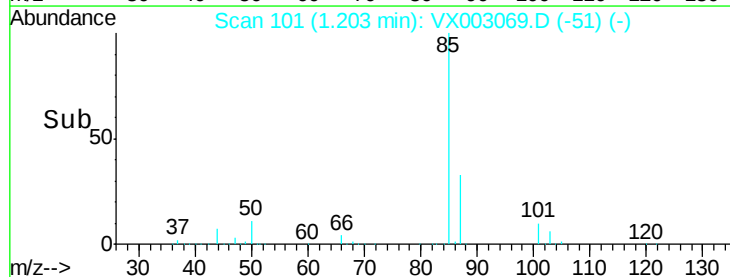
150000

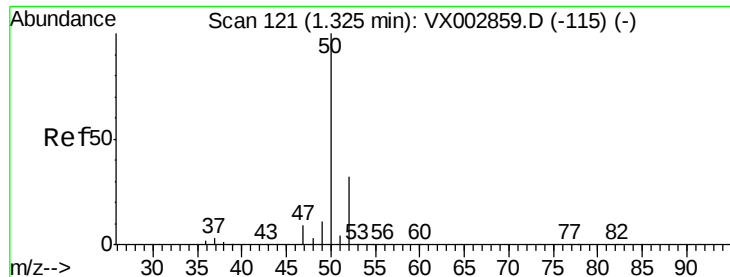
100000

50000

0

Time--> 1.10 1.20 1.30

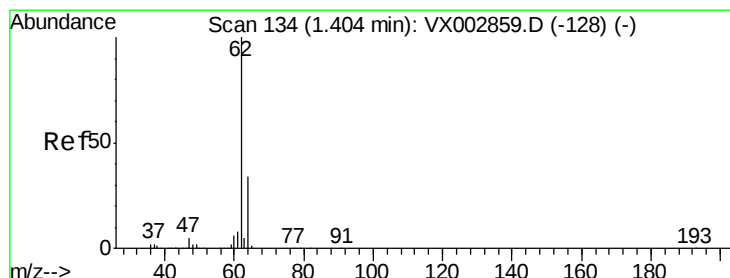
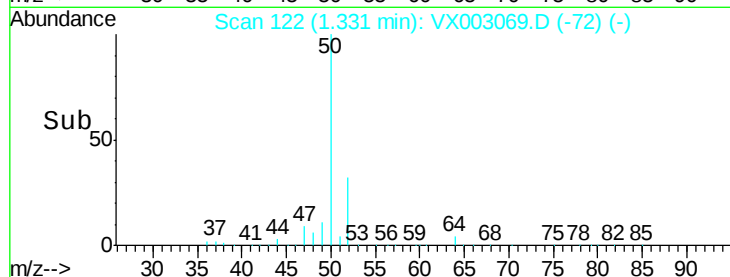
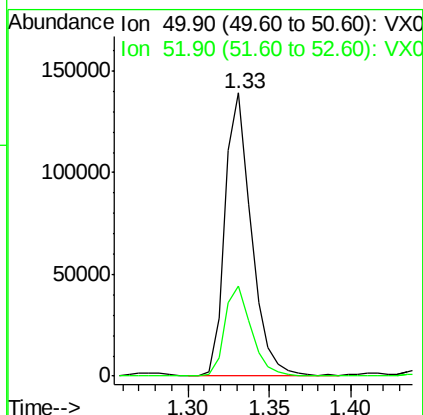
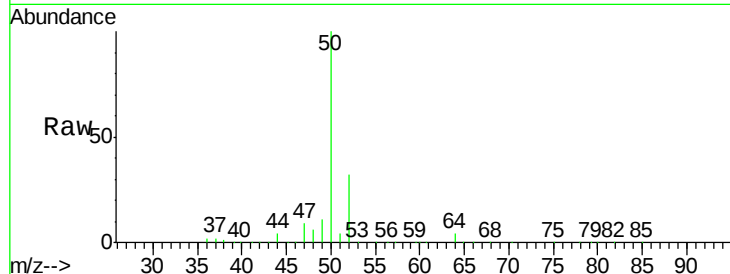




#3
Chloromethane
Concen: 54.98 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

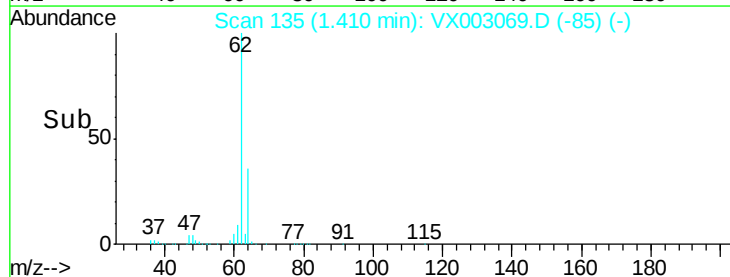
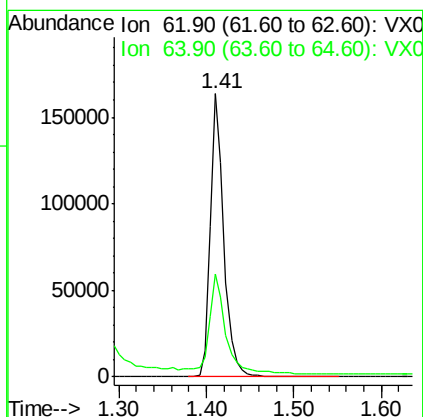
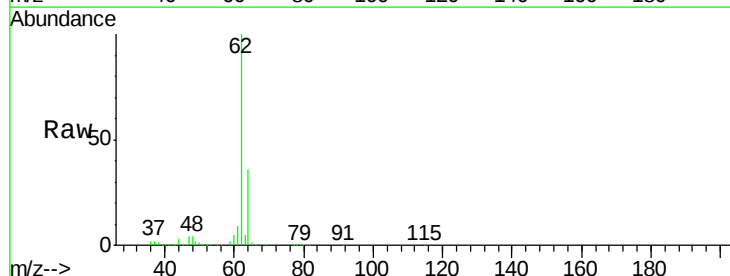
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

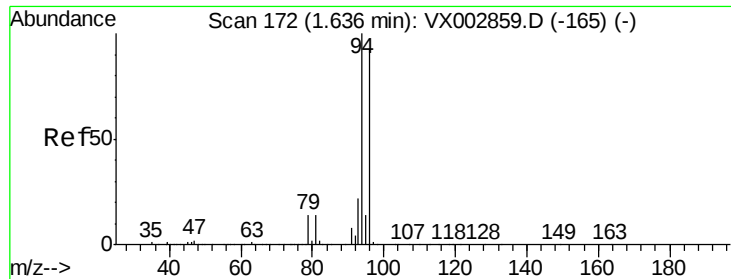
Tot Ion: 50 Resp: 155165
Ion Ratio Lower Upper
50 100
52 32.0 25.7 38.5



#4
Vinyl Chloride
Concen: 51.39 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

Tgt Ion: 62 Resp: 177315
Ion Ratio Lower Upper
62 100
64 35.1 25.4 38.2





#5

Bromomethane

Concen: 51.37 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

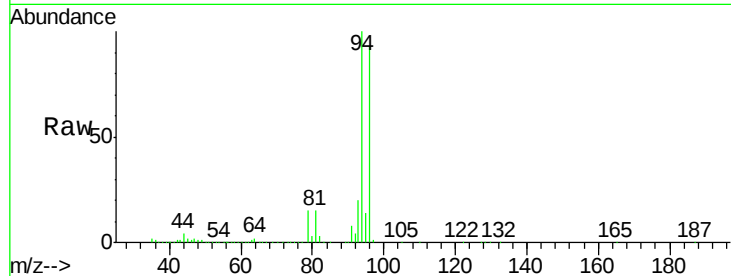
VSTDCCC050EC

Tot Ion: 94 Resp: 82611

Ion Ratio Lower Upper

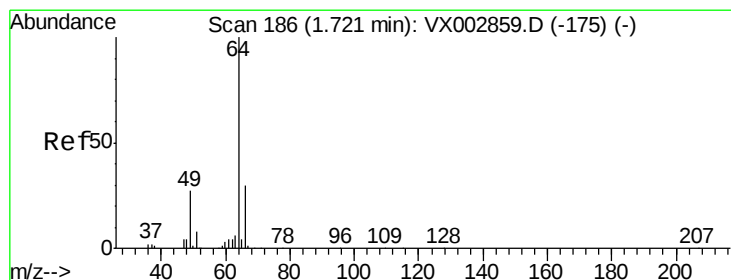
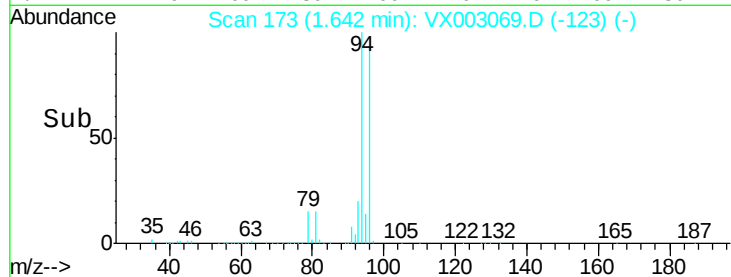
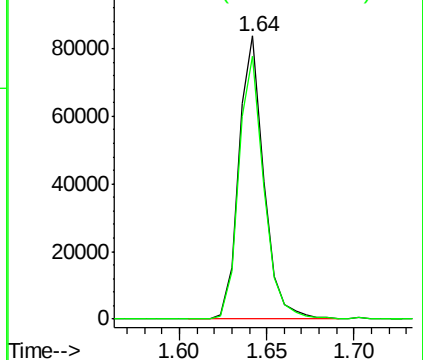
94 100

96 92.9 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: 57.48 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003069.D

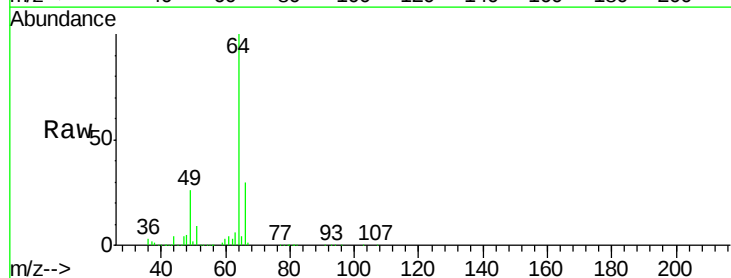
Acq: 30 Jun 2018 09:34

Tgt Ion: 64 Resp: 115719

Ion Ratio Lower Upper

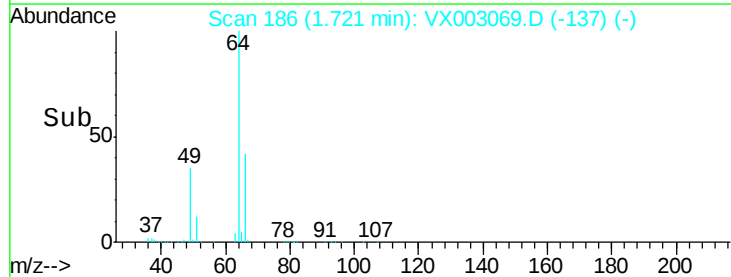
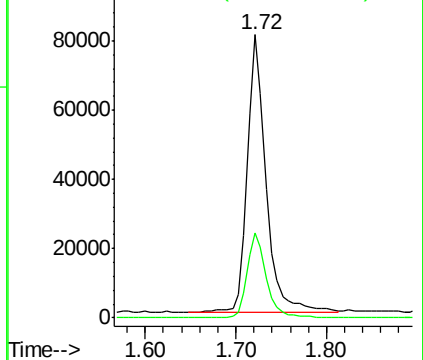
64 100

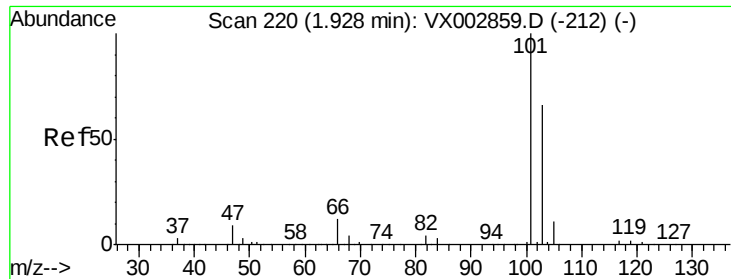
66 30.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



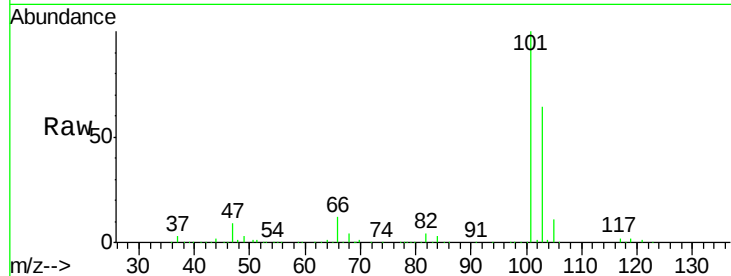


#7

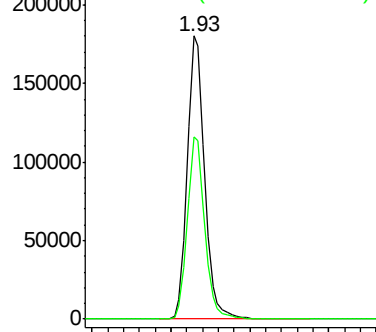
Trichlorofluoromethane
Concen: 47.47 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003069.D
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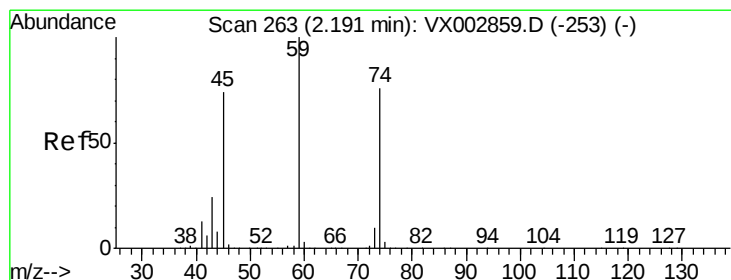
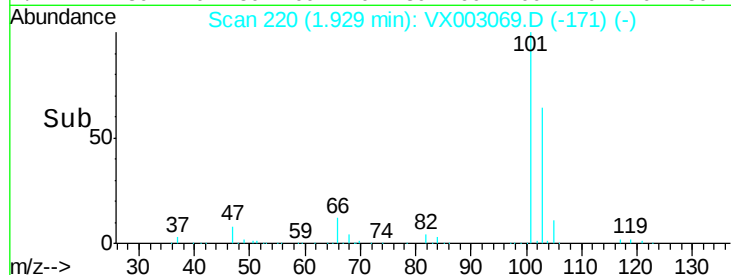
Tot Ion:101 Resp: 276270
Ion Ratio Lower Upper
101 100
103 64.3 52.8 79.2



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



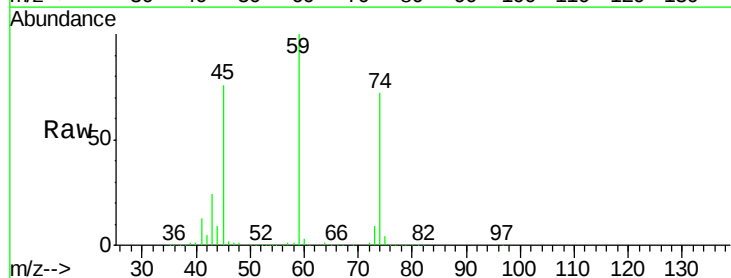
Time--> 1.80 1.90 2.00 2.10



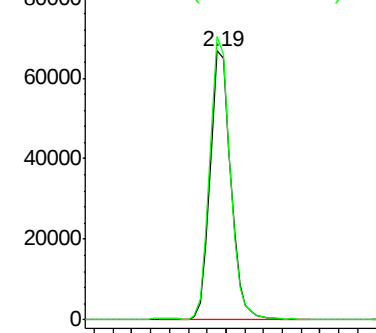
#8

Diethyl Ether
Concen: 48.52 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

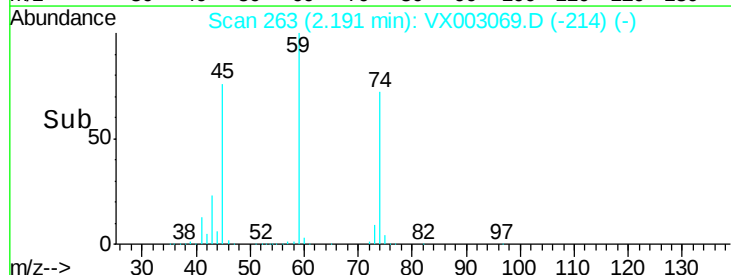
Tgt Ion: 74 Resp: 102664
Ion Ratio Lower Upper
74 100
45 102.9 53.1 159.4

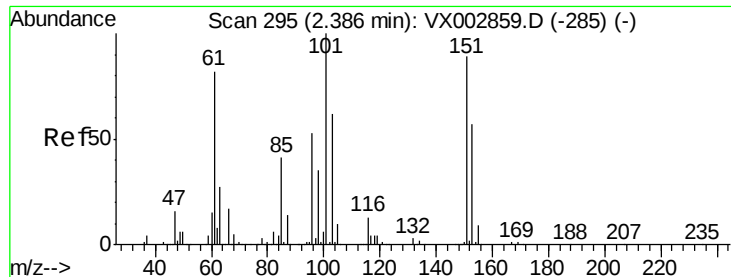


Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0



Time--> 2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.64 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

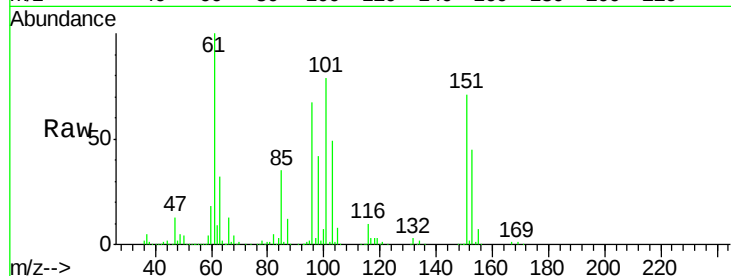
Tot Ion:101 Resp: 157296

Ion Ratio Lower Upper

101 100

85 43.4 36.0 54.0

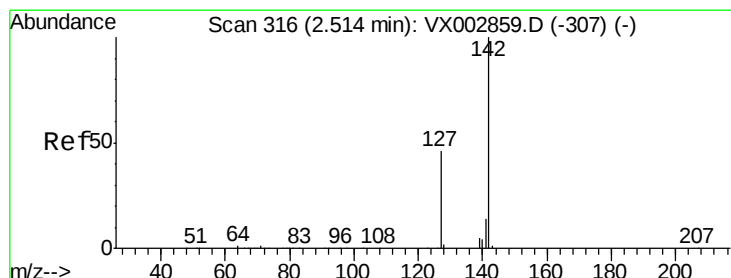
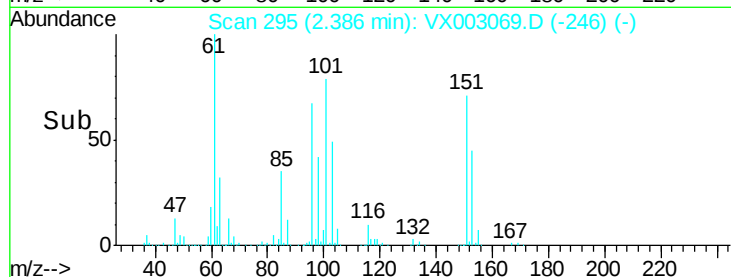
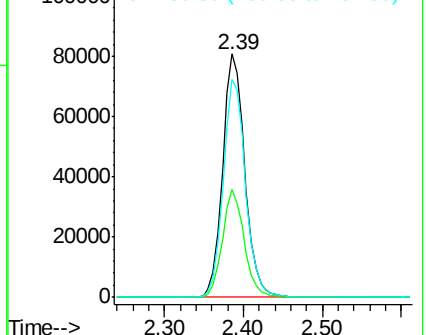
151 90.1 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.97 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

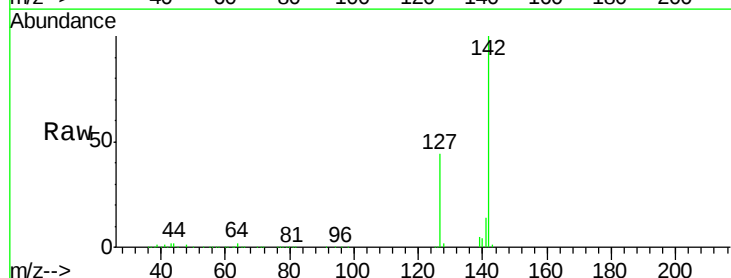
Tgt Ion:142 Resp: 166971

Ion Ratio Lower Upper

142 100

127 44.3 36.6 55.0

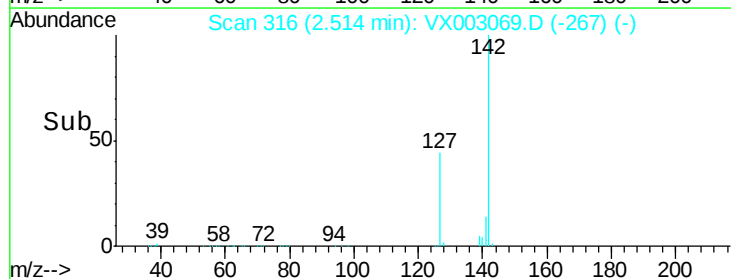
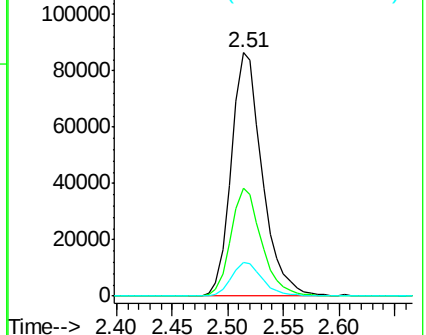
141 13.9 11.3 16.9

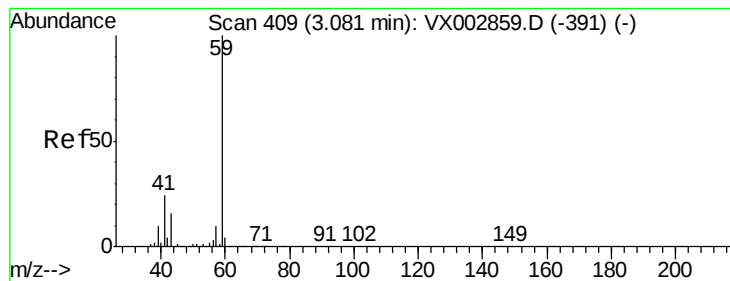


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



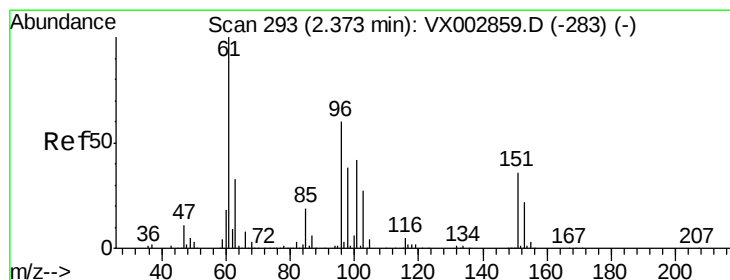
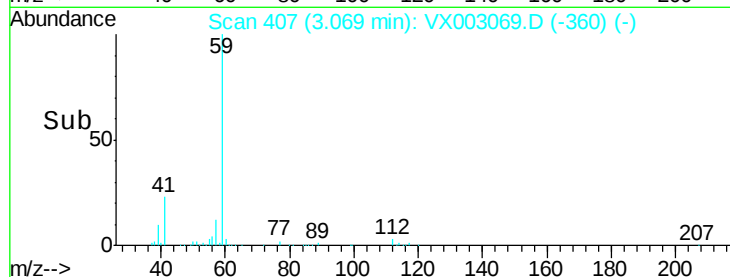
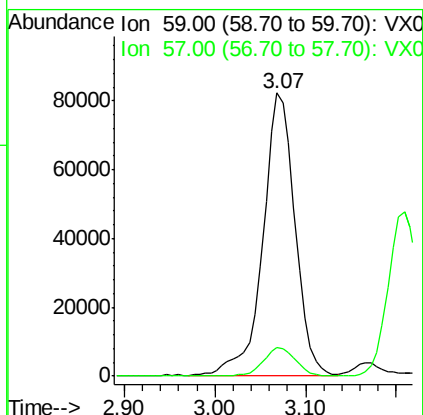
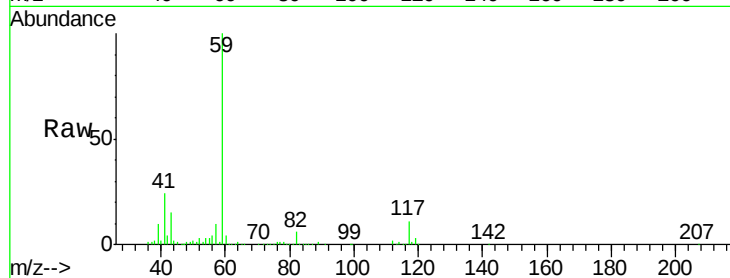


#11

Tert butyl alcohol
 Concen: 241.23 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

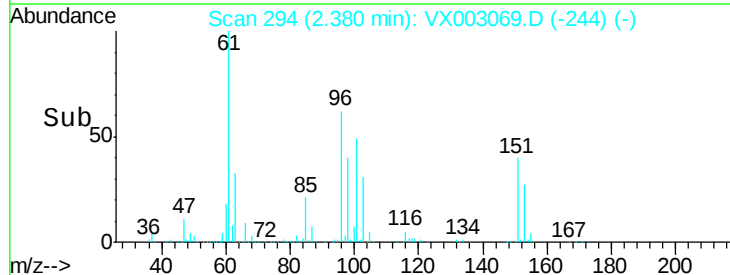
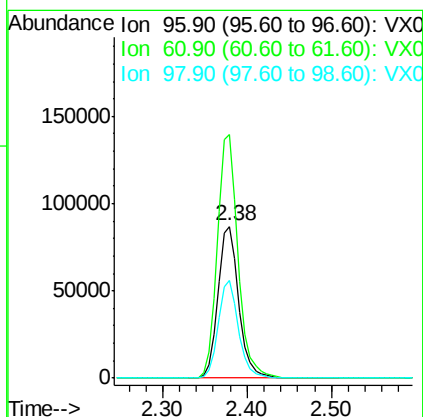
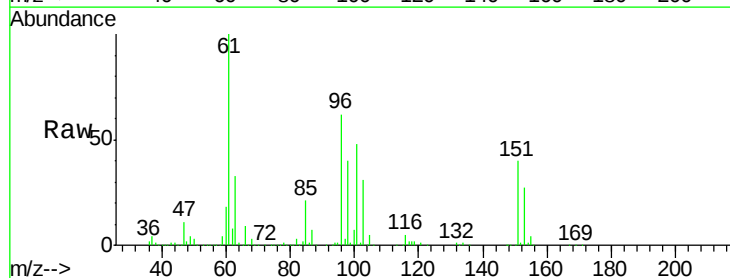
Tot Ion: 59 Resp: 202645
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.2

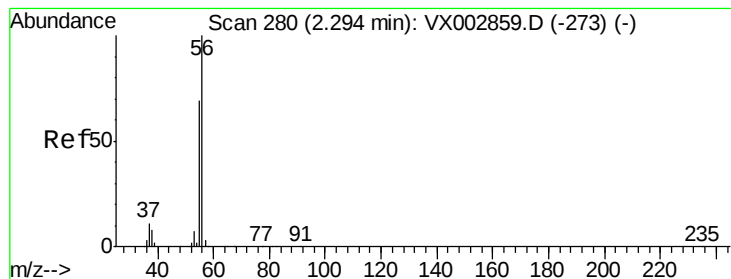


#12

1,1-Dichloroethene
 Concen: 49.07 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

Tgt Ion: 96 Resp: 147653
 Ion Ratio Lower Upper
 96 100
 61 160.3 137.9 206.9
 98 64.6 51.6 77.4





#13

Acrolein

Concen: 204.59 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

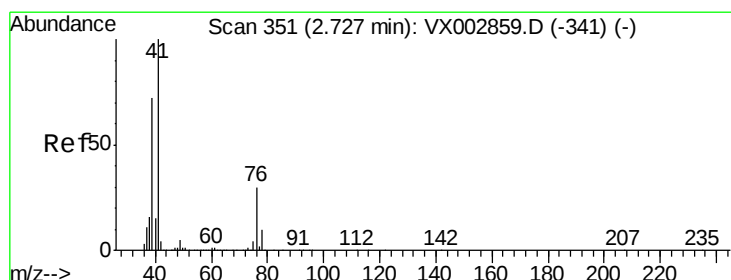
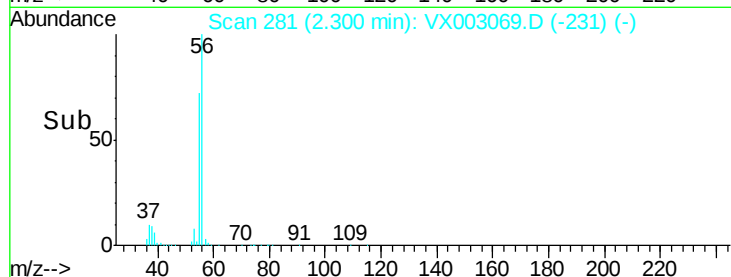
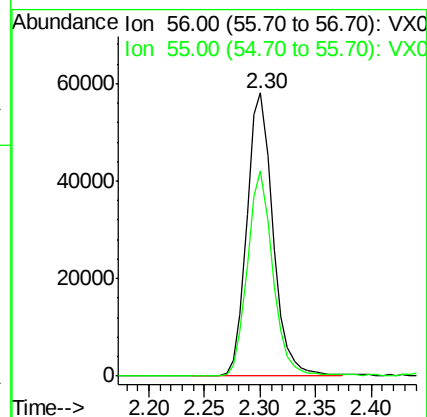
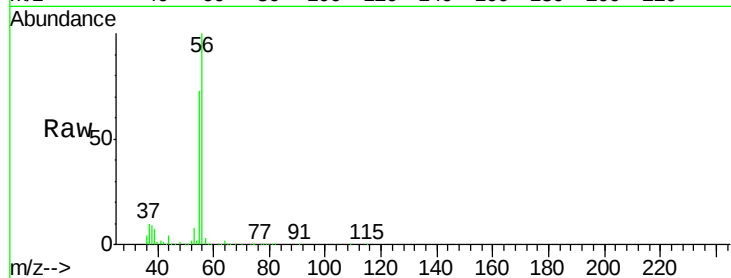
VSTDCCC050EC

Tot Ion: 56 Resp: 94917

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.4



#14

Allyl chloride

Concen: 45.19 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

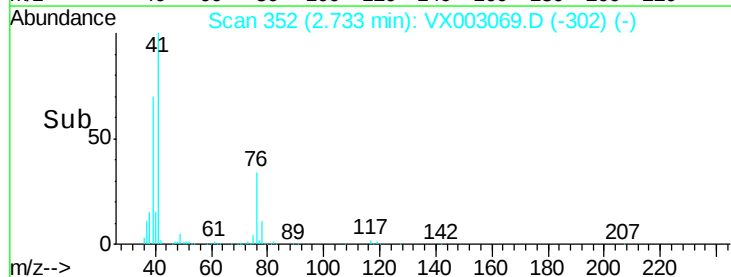
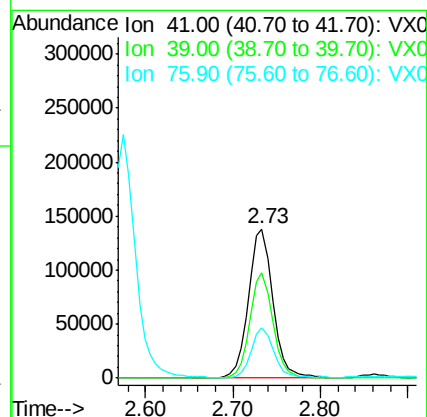
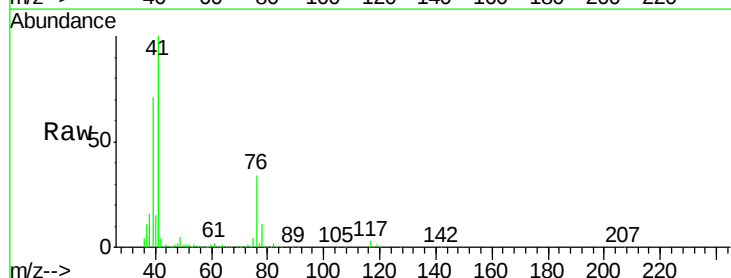
Tgt Ion: 41 Resp: 268043

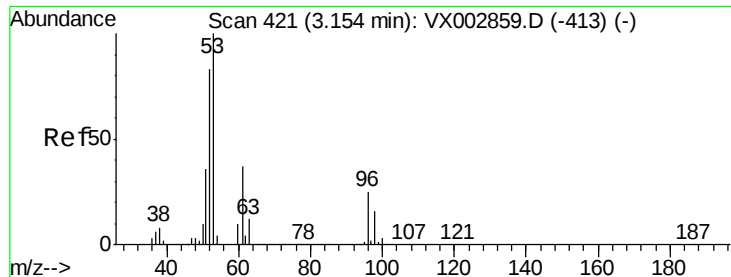
Ion Ratio Lower Upper

41 100

39 66.6 56.8 85.2

76 30.0 23.8 35.8





#15

Acrylonitrile

Concen: 245.09 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

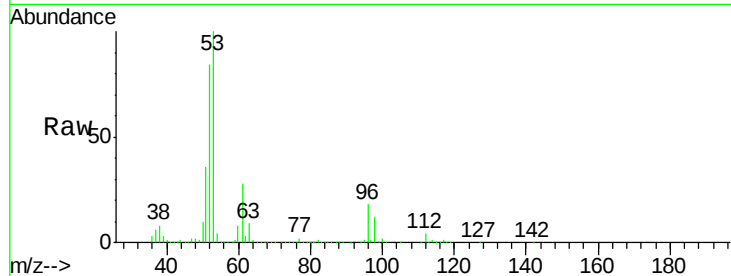
Tot Ion: 53 Resp: 439768

Ion Ratio Lower Upper

53 100

52 83.2 66.7 100.1

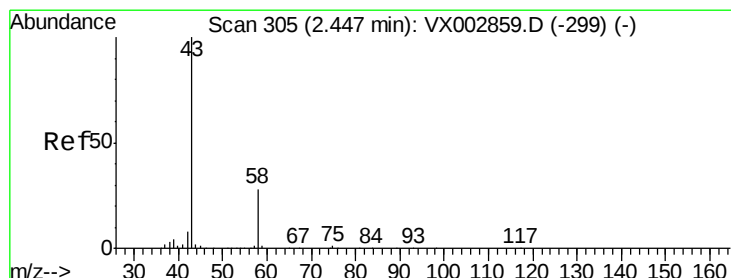
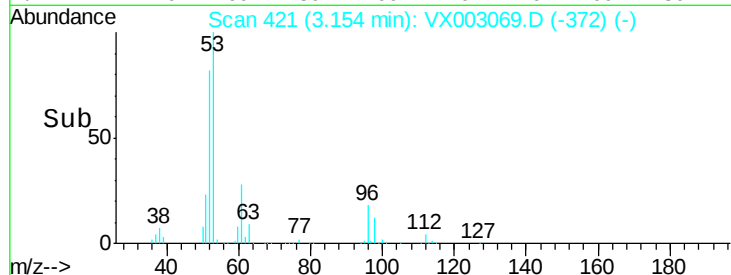
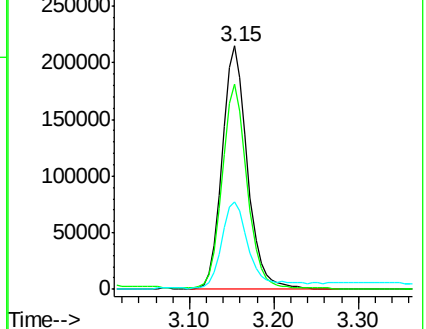
51 41.3 29.9 44.9



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: 230.59 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003069.D

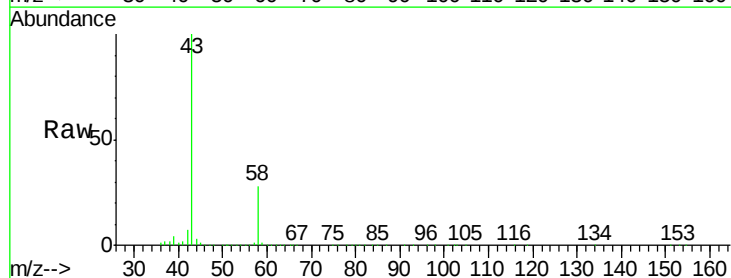
Acq: 30 Jun 2018 09:34

Tgt Ion: 43 Resp: 402702

Ion Ratio Lower Upper

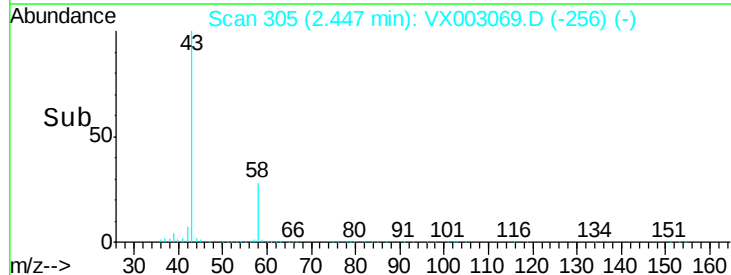
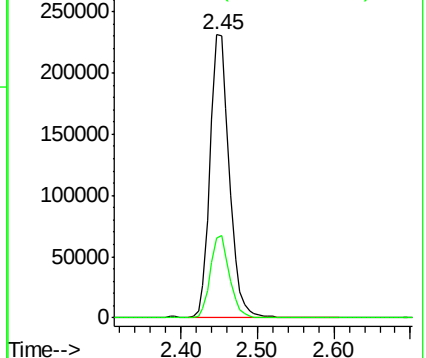
43 100

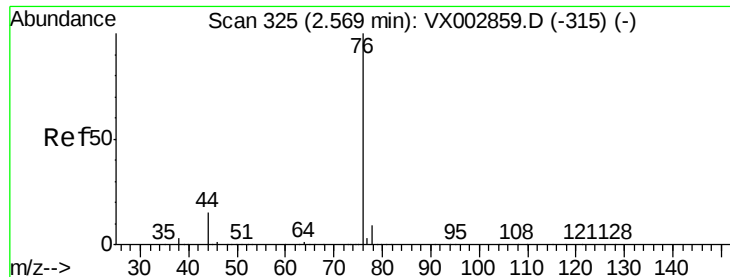
58 28.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

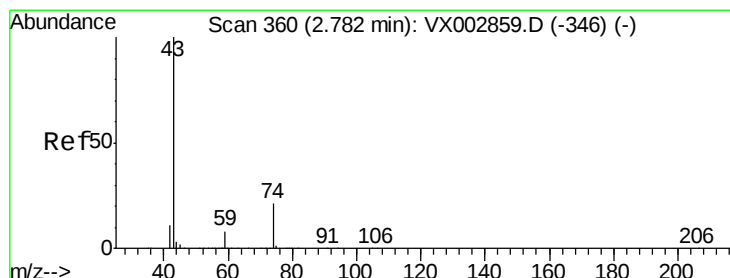
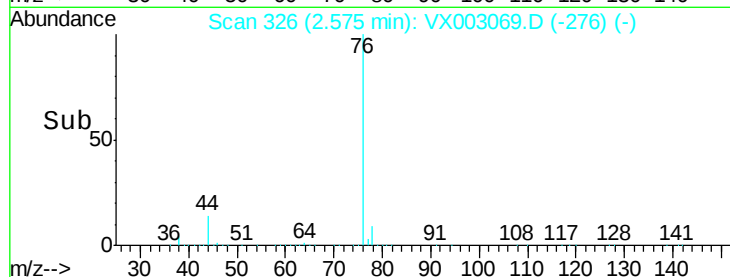
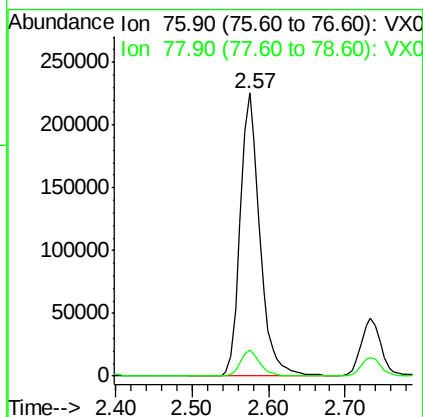
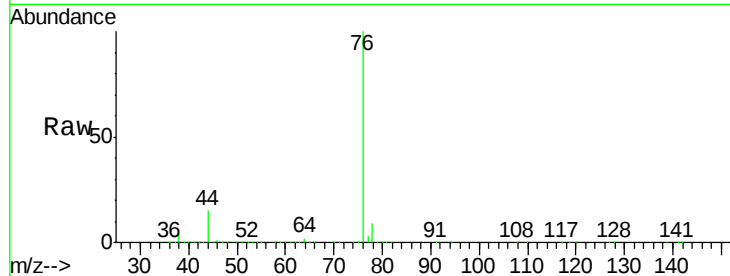




#17
Carbon Disulfide
Concen: 50.09 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

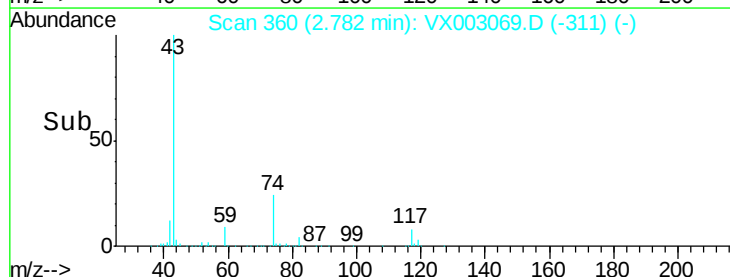
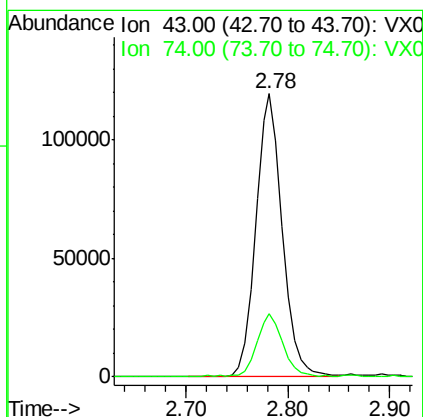
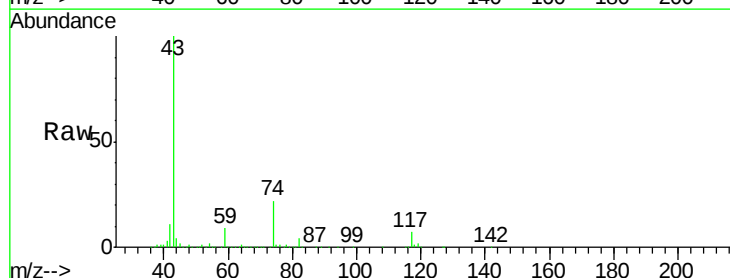
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

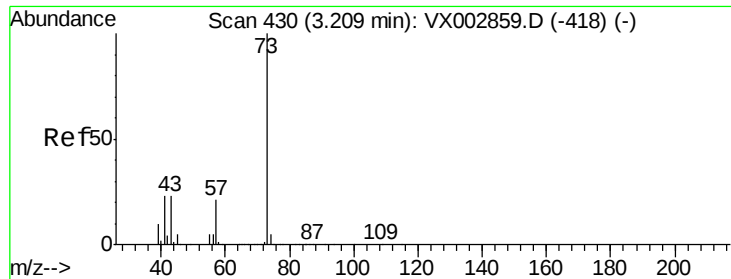
Tot Ion: 76 Resp: 401580
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 43.95 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

Tgt Ion: 43 Resp: 214584
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1

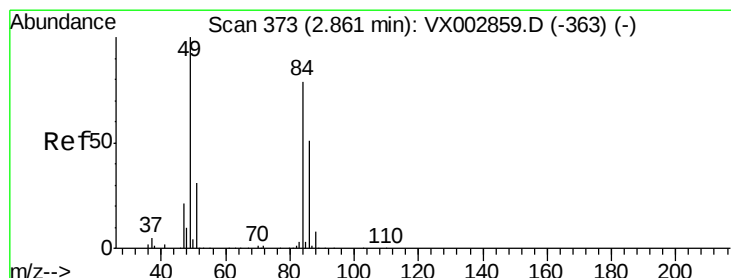
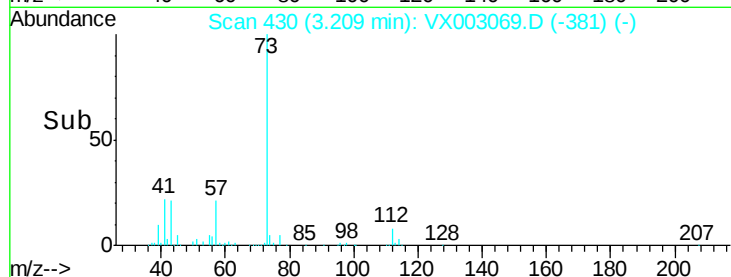
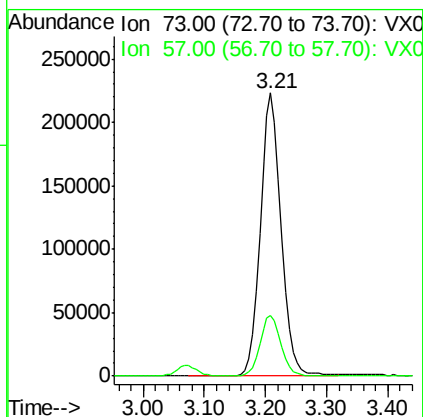
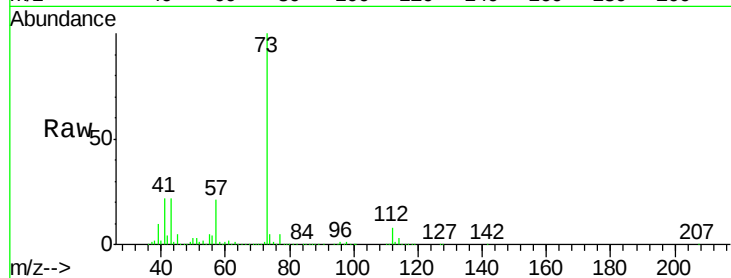




#19
Methvl tert-butvl Ether
Concen: 48.96 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

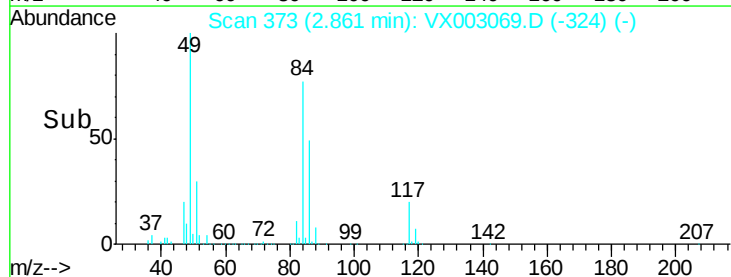
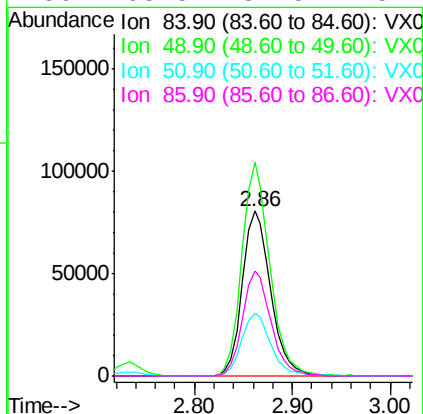
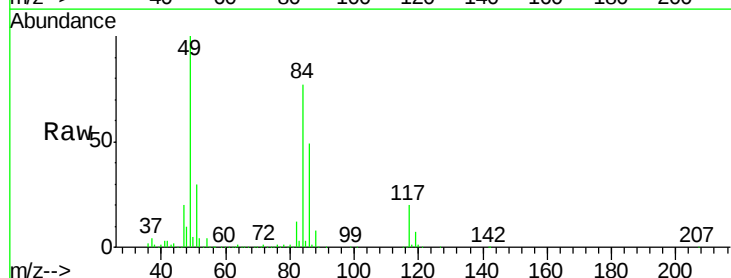
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

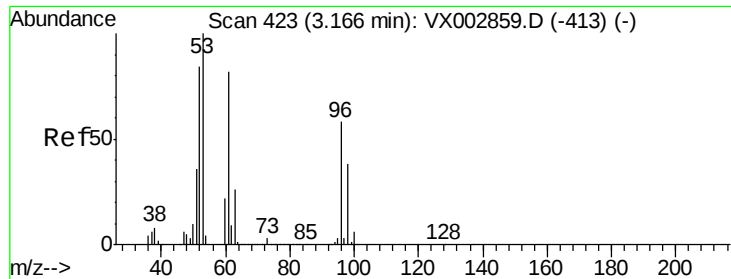
Tot Ion: 73 Resp: 529622
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5



#20
Methylene Chloride
Concen: 47.83 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

Tgt Ion: 84 Resp: 162542
Ion Ratio Lower Upper
84 100
49 129.6 107.8 161.6
51 38.4 32.8 49.2
86 63.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.56 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

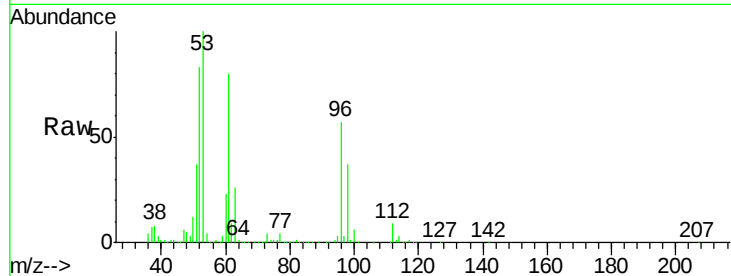
Tot Ion: 96 Resp: 155854

Ion Ratio Lower Upper

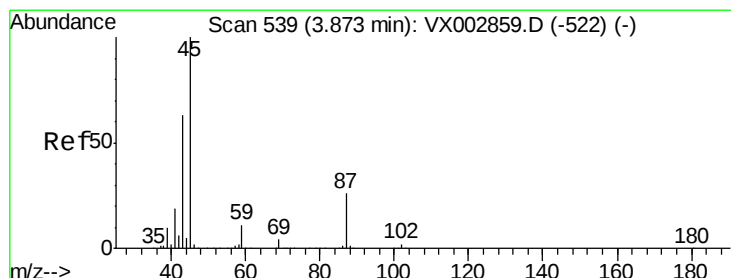
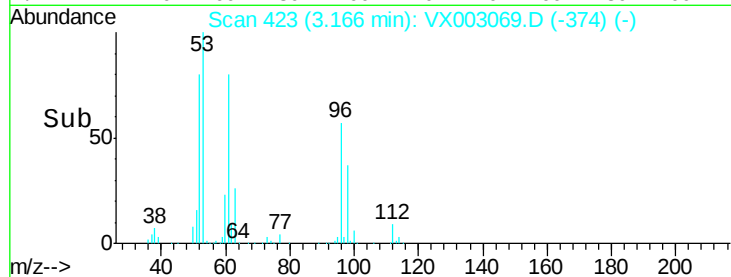
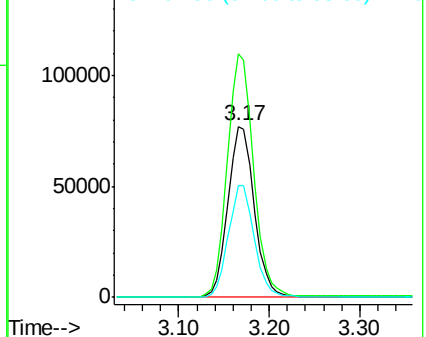
96 100

61 141.9 117.0 175.4

98 65.3 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: 48.16 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Tgt Ion: 45 Resp: 545971

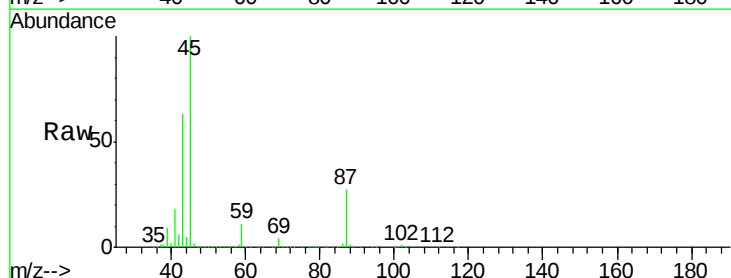
Ion Ratio Lower Upper

45 100

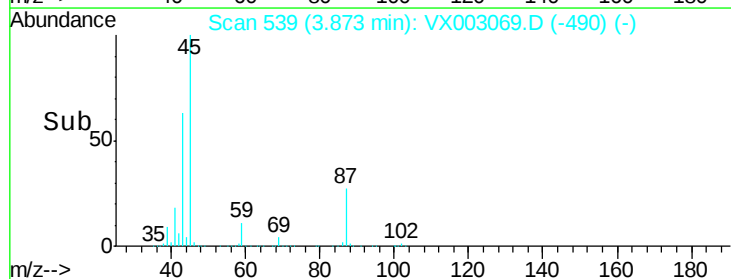
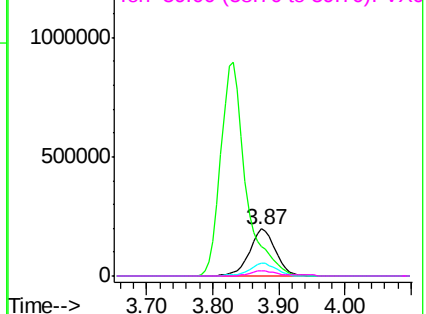
43 63.4 46.8 70.2

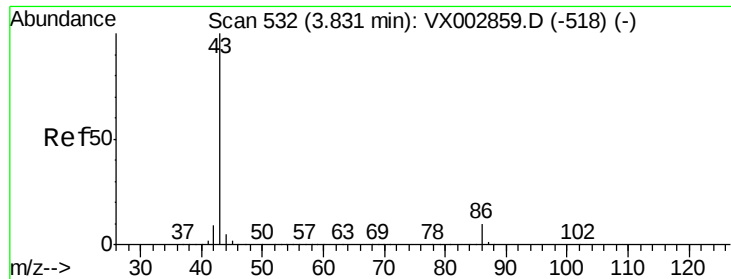
87 26.6 20.2 30.4

59 10.9 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: 245.22 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

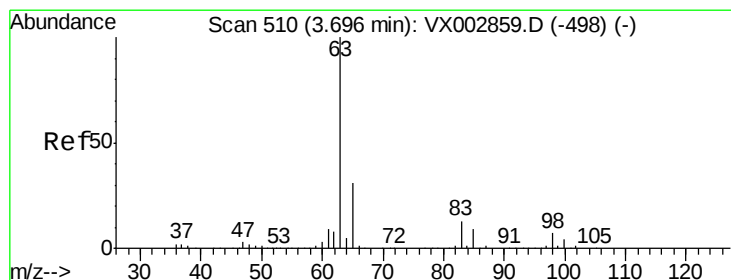
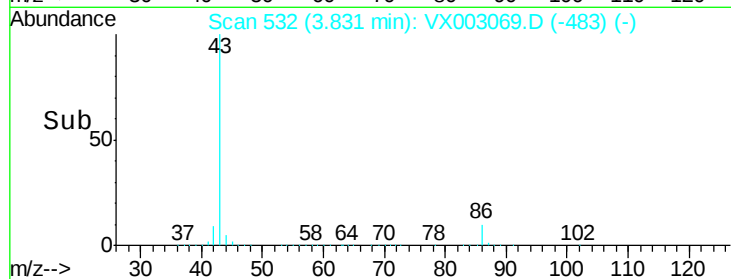
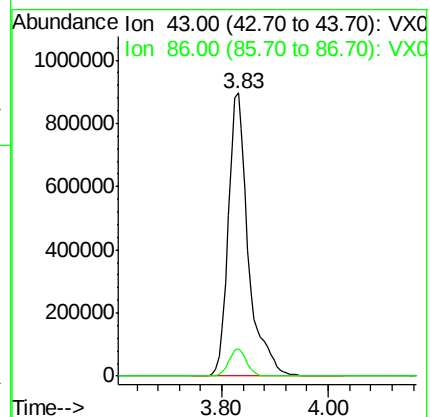
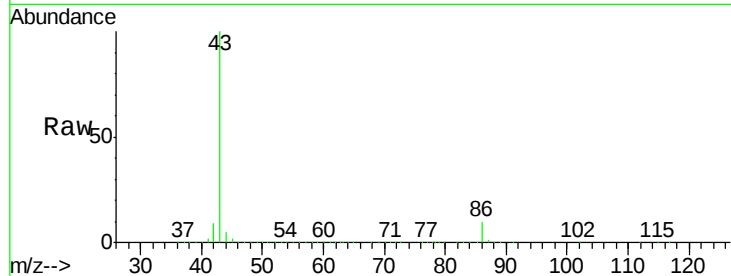
VSTDCCC050EC

Tot Ion: 43 Resp: 2354151

Ion Ratio Lower Upper

43 100

86 9.8 7.4 11.0



#24

1,1-Dichloroethane

Concen: 48.18 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

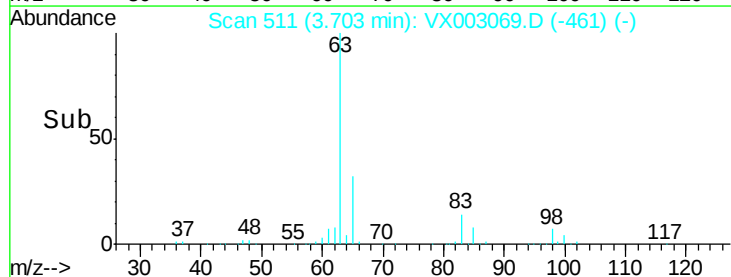
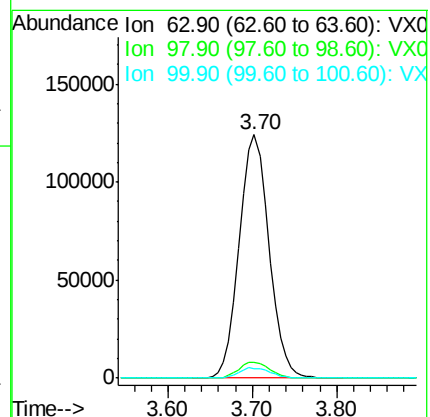
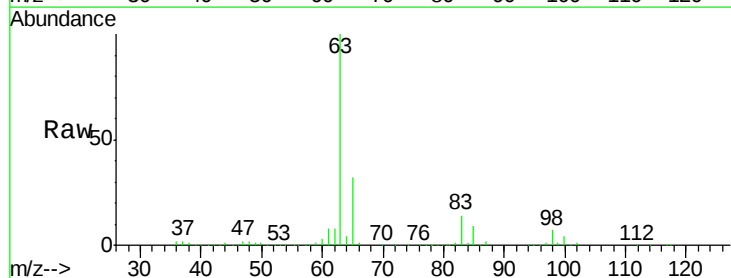
Tgt Ion: 63 Resp: 296904

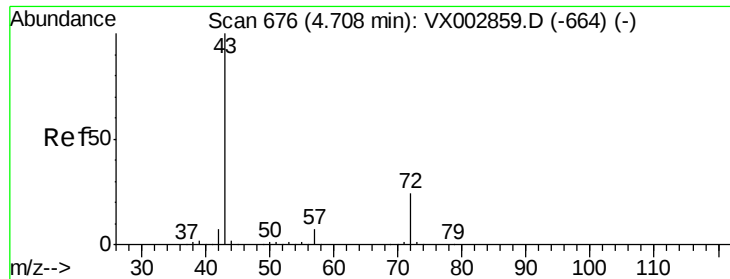
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 251.77 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

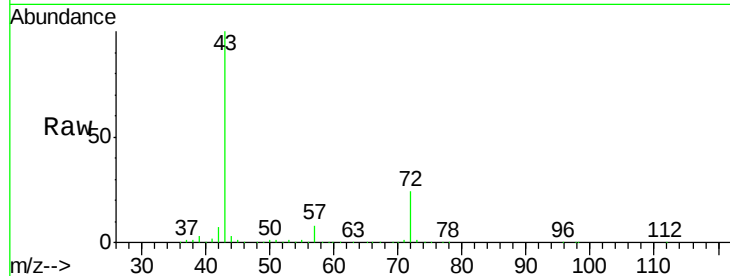
VSTDCCC050EC

Tot Ion: 43 Resp: 652534

Ion Ratio Lower Upper

43 100

72 23.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

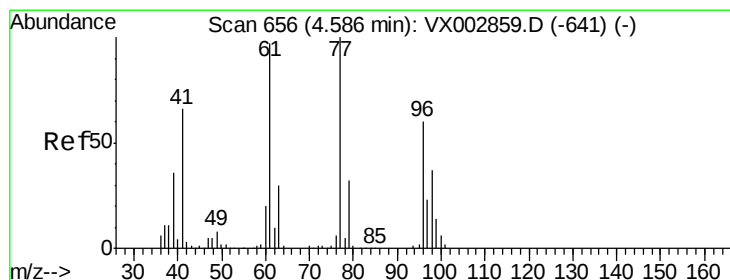
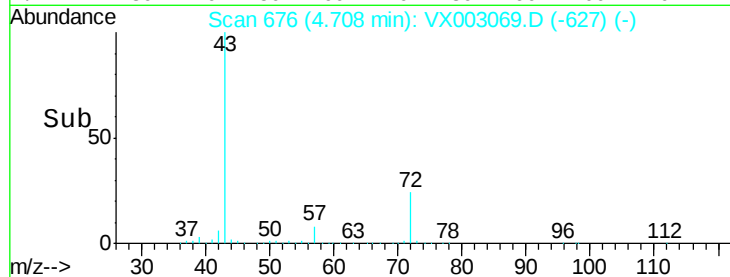
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 23.67 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003069.D

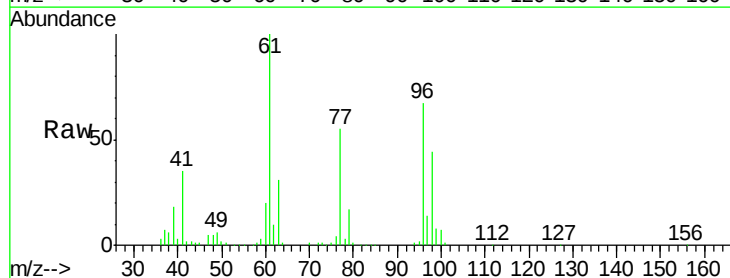
Acq: 30 Jun 2018 09:34

Tgt Ion: 77 Resp: 118595

Ion Ratio Lower Upper

77 100

97 25.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

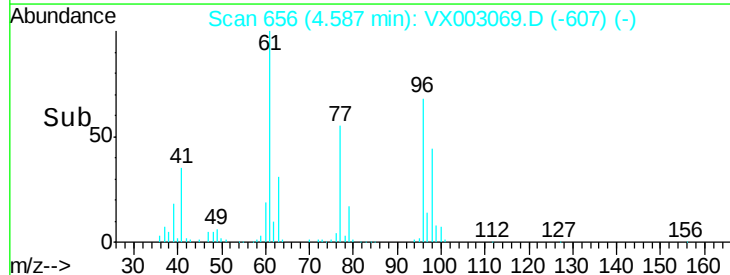
20000

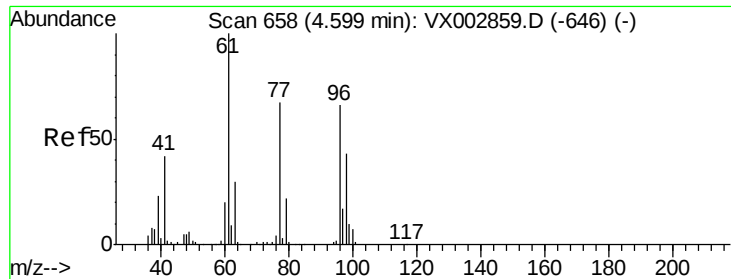
10000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.24 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

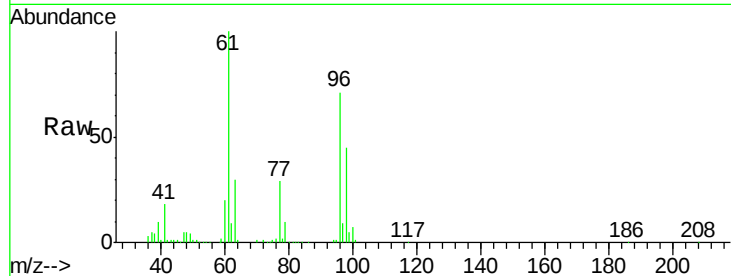
Tot Ion: 96 Resp: 184610

Ion Ratio Lower Upper

96 100

61 146.4 0.0 330.2

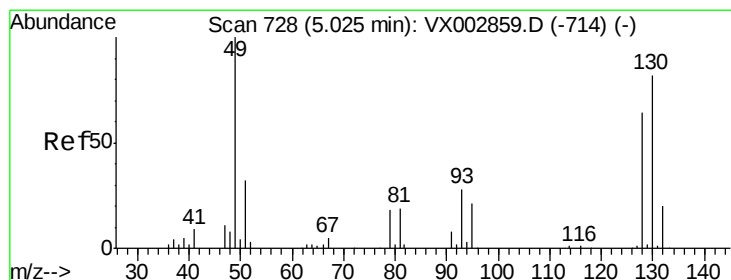
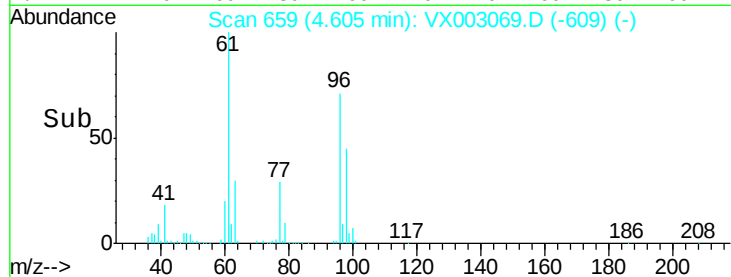
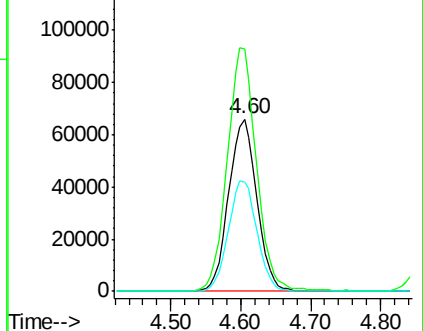
98 65.1 0.0 130.2



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: 49.40 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

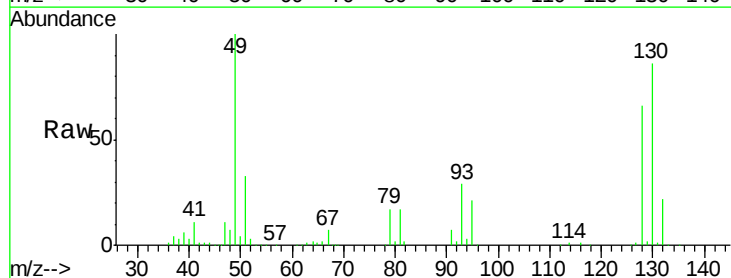
Tgt Ion: 49 Resp: 145718

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

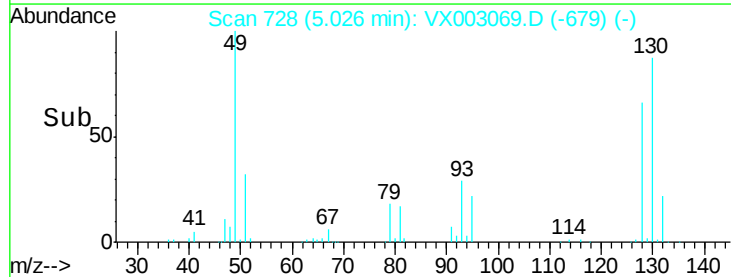
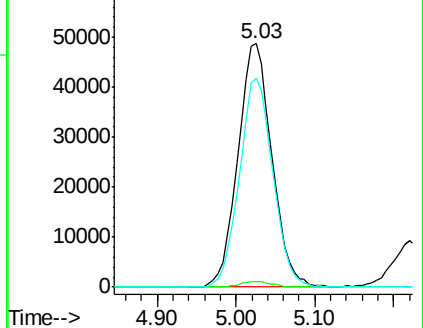
130 84.7 61.2 91.8

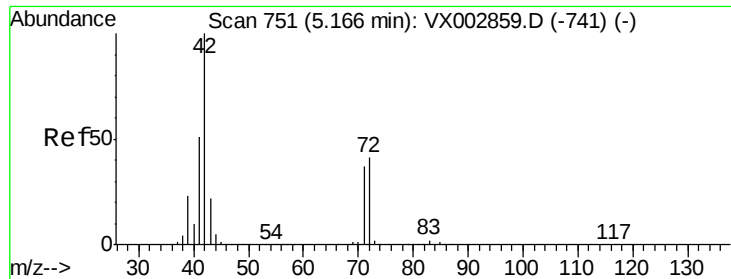


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

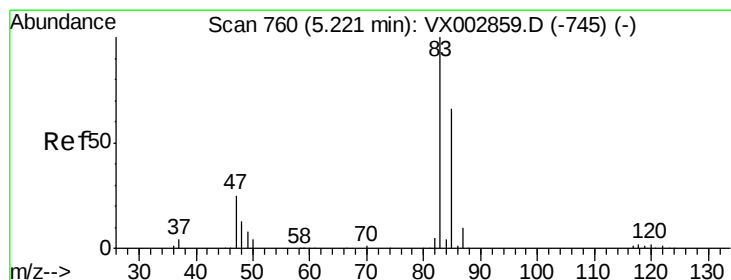
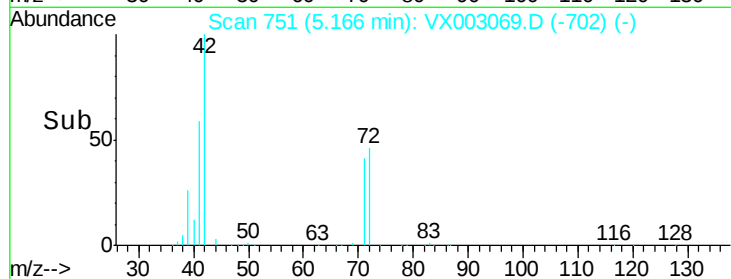
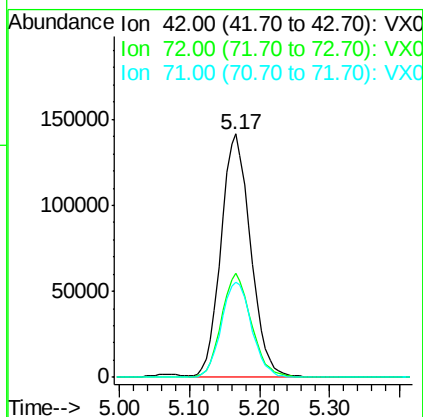
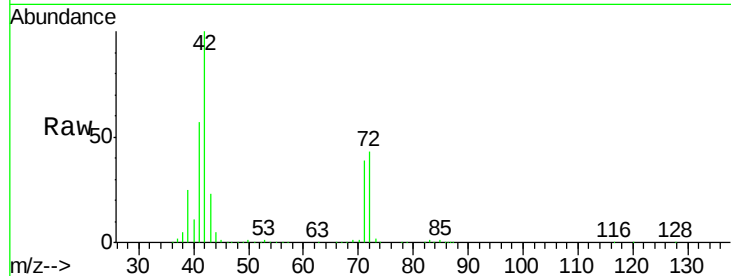




#29
Tetrahydrofuran
Concen: 250.10 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

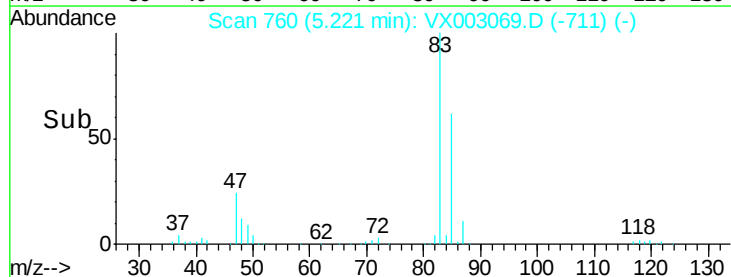
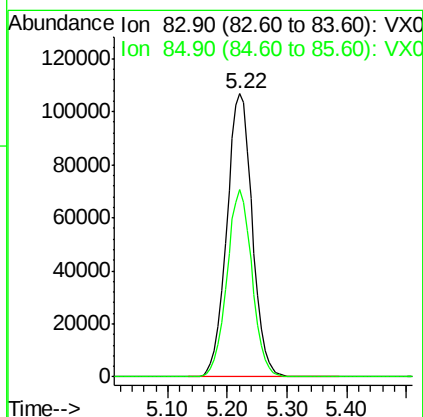
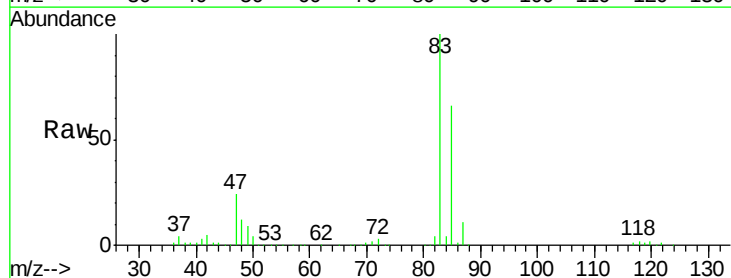
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

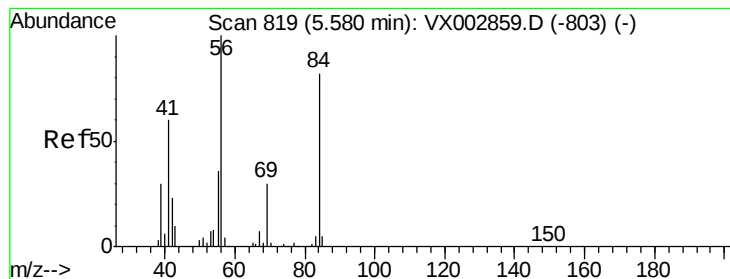
Tot Ion: 42 Resp: 415679
Ion Ratio Lower Upper
42 100
72 43.0 32.0 48.0
71 40.1 30.1 45.1



#30
Chloroform
Concen: 50.05 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

Tgt Ion: 83 Resp: 316514
Ion Ratio Lower Upper
83 100
85 66.4 50.4 75.6





#31

Cyclohexane

Concen: 50.21 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

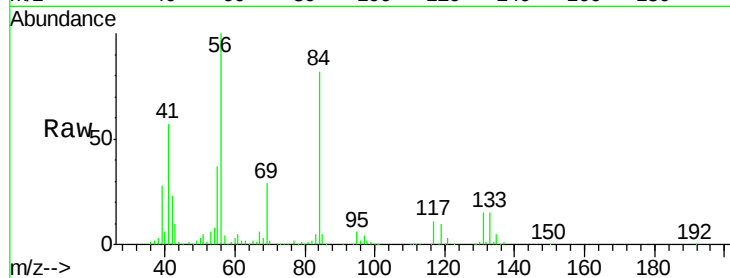
Tot Ion: 56 Resp: 265556

Ion Ratio Lower Upper

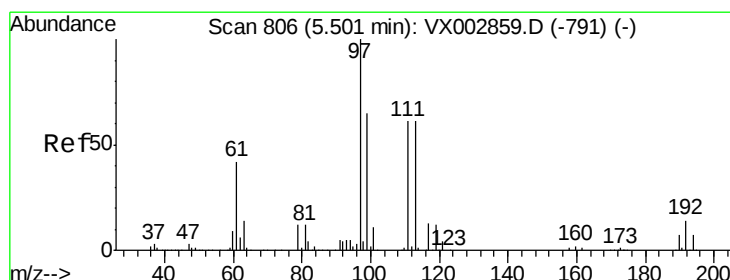
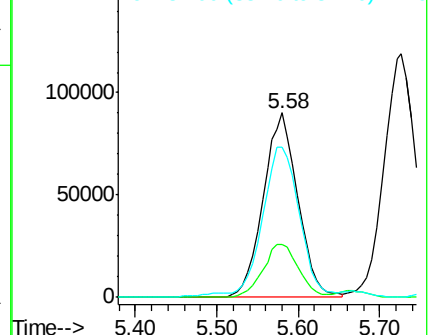
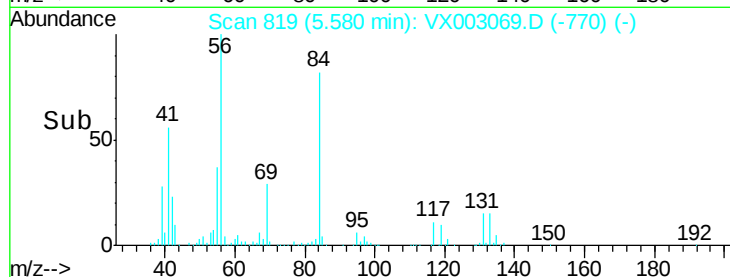
56 100

69 28.7 23.7 35.5

84 80.8 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: 54.71 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

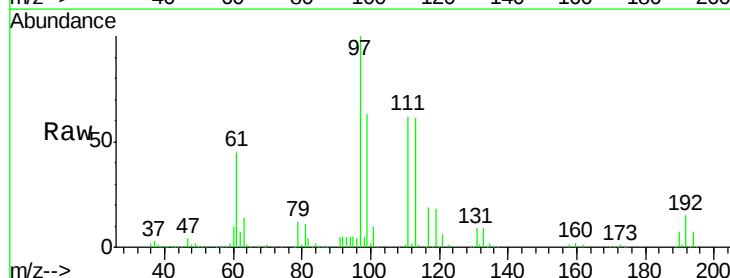
Tgt Ion: 97 Resp: 304429

Ion Ratio Lower Upper

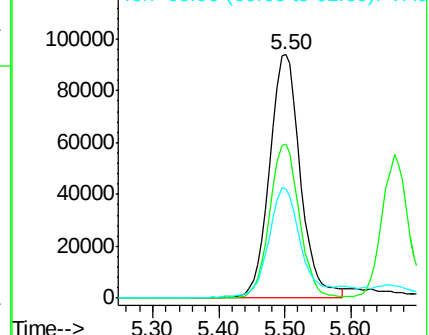
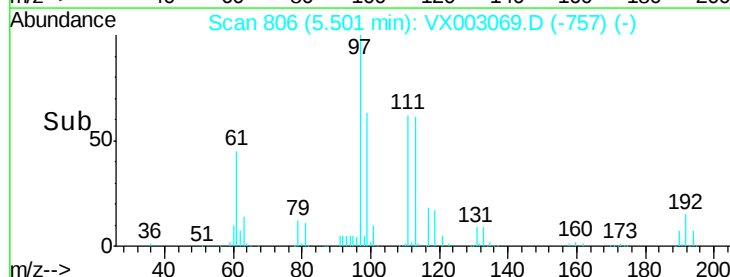
97 100

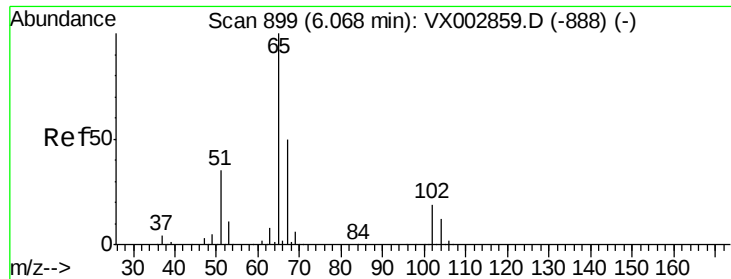
99 61.2 51.6 77.4

61 47.9 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: 61.81 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

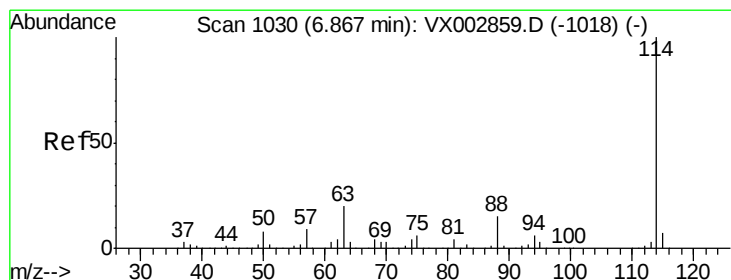
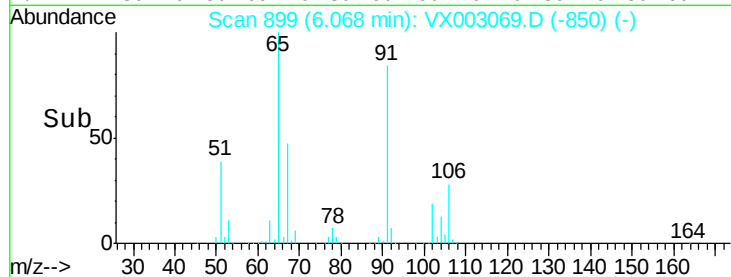
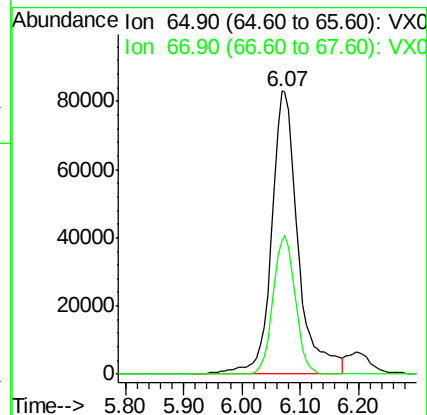
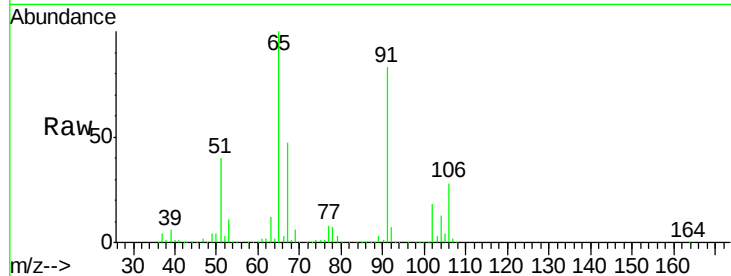
VSTDCCC050EC

Tot Ion: 65 Resp: 260650

Ion Ratio Lower Upper

65 100

67 41.0 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

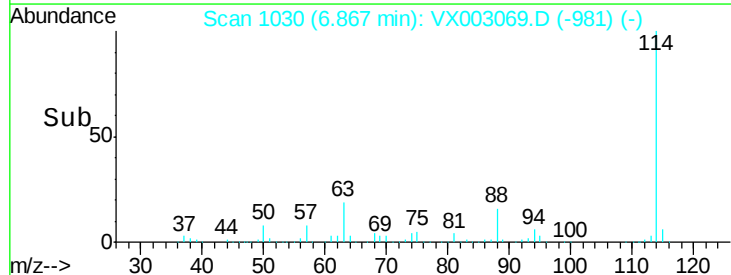
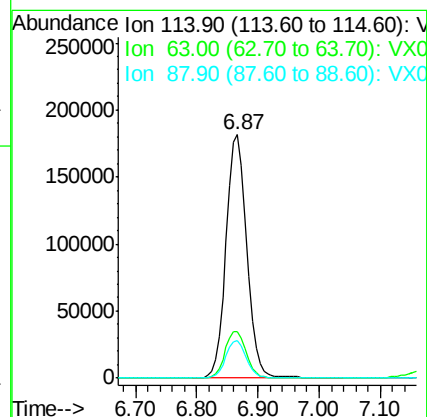
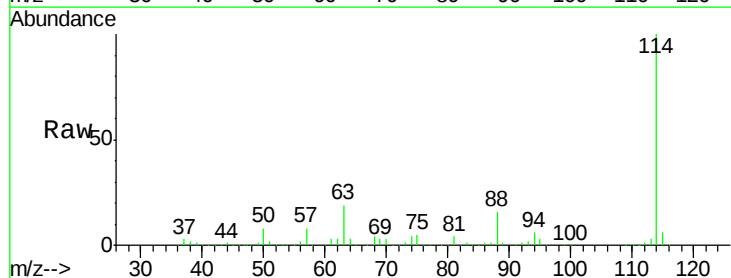
Tgt Ion: 114 Resp: 426772

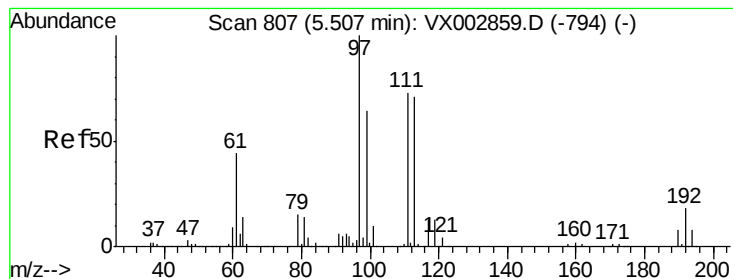
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.4

88 15.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.51 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

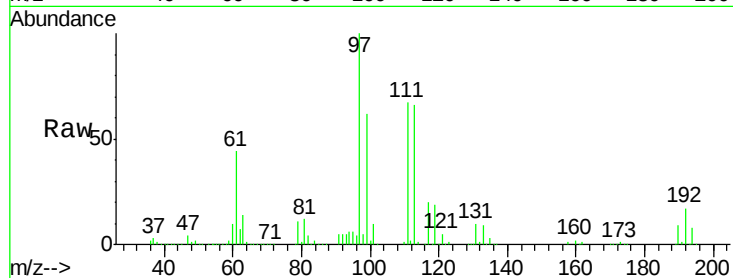
Tot Ion:113 Resp: 170714

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

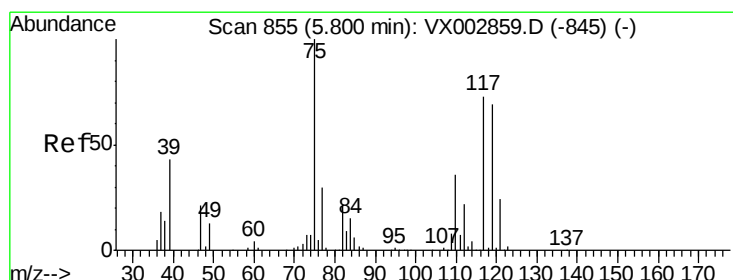
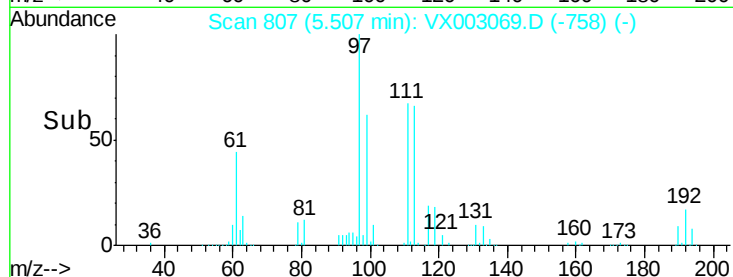
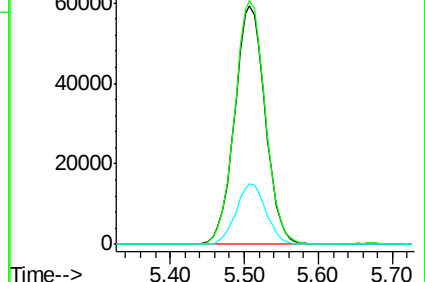
192 25.0 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.80 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

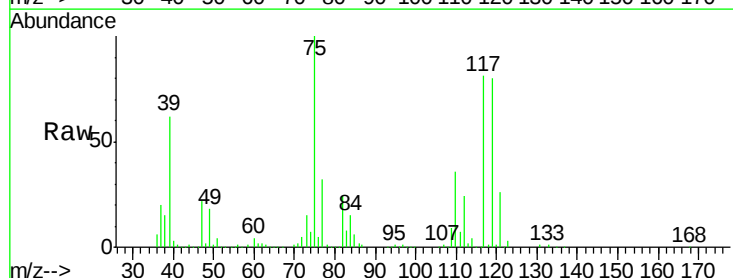
Tgt Ion: 75 Resp: 228379

Ion Ratio Lower Upper

75 100

110 37.6 18.1 54.4

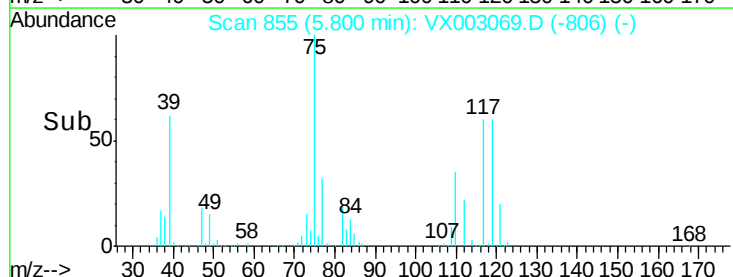
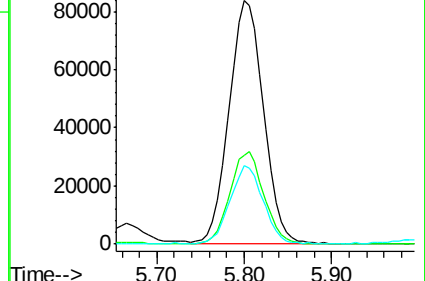
77 30.8 24.3 36.5

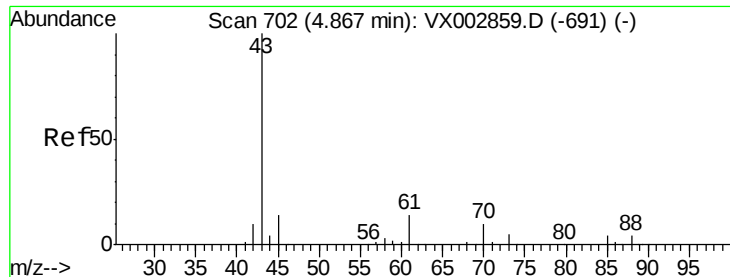


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

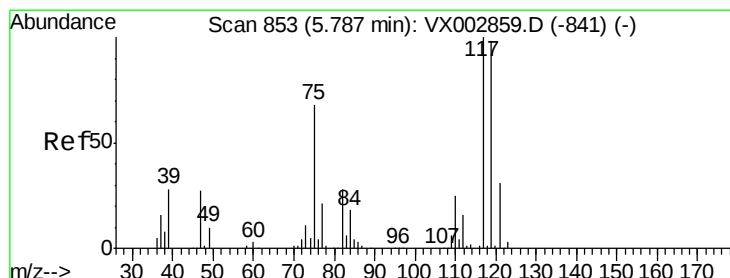
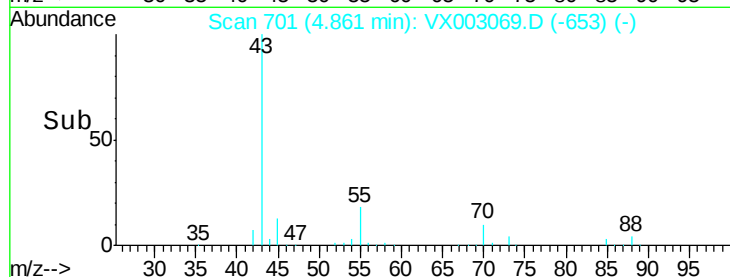
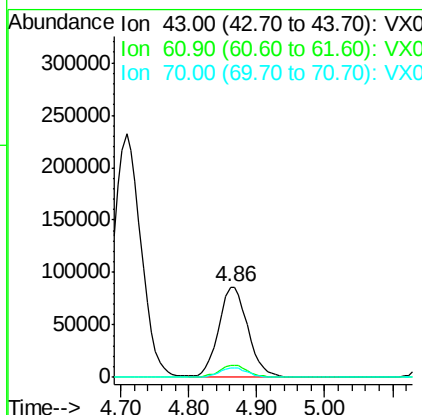
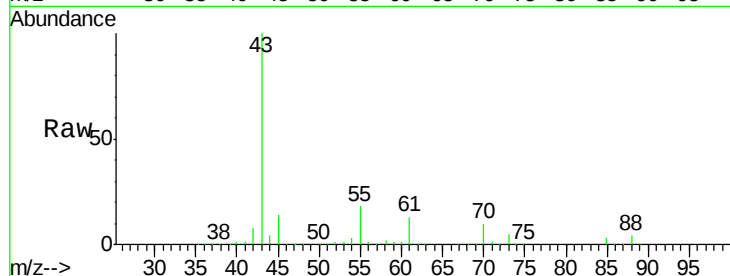




#37
Ethyl Acetate
Concen: 50.94 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

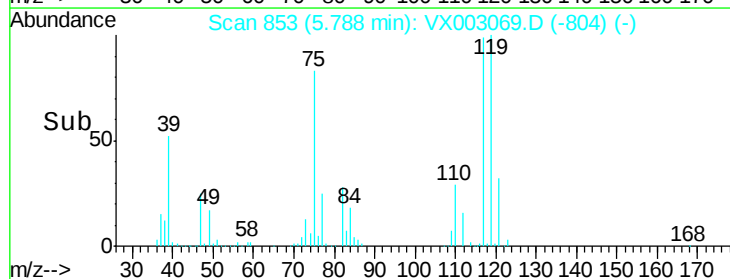
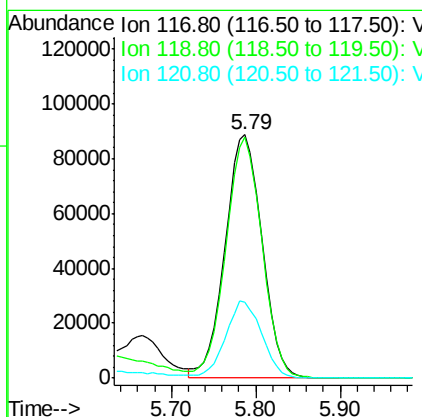
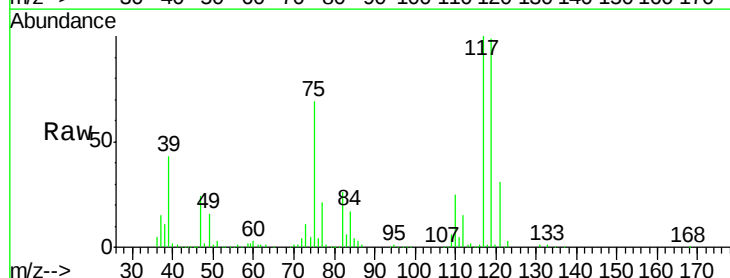
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

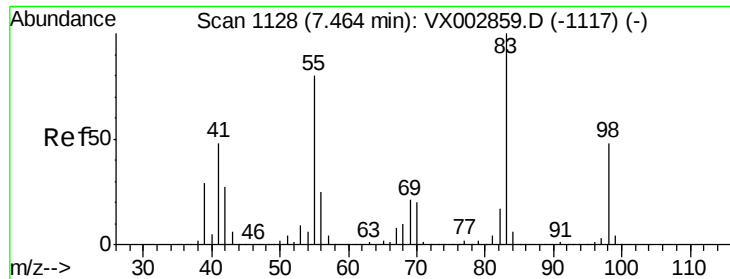
Tot Ion: 43 Resp: 256709
Ion Ratio Lower Upper
43 100
61 13.1 10.4 15.6
70 10.0 7.6 11.4



#38
Carbon Tetrachloride
Concen: 51.47 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

Tgt Ion: 117 Resp: 264355
Ion Ratio Lower Upper
117 100
119 99.3 77.4 116.0
121 31.4 24.4 36.6

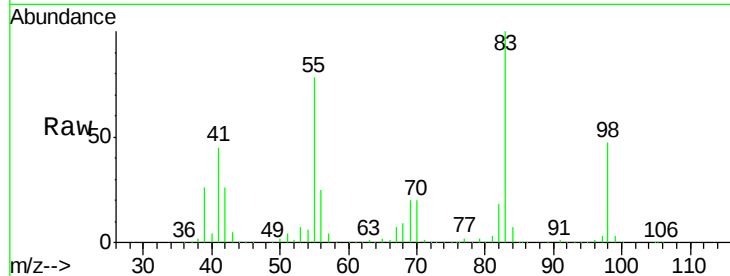




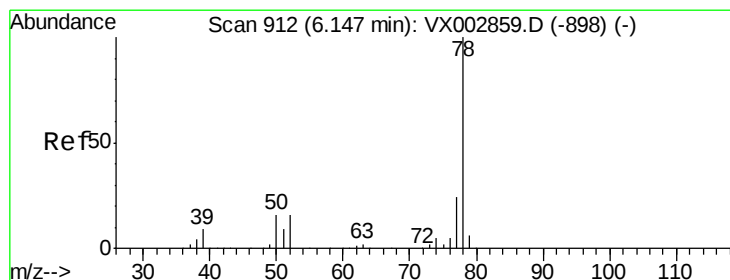
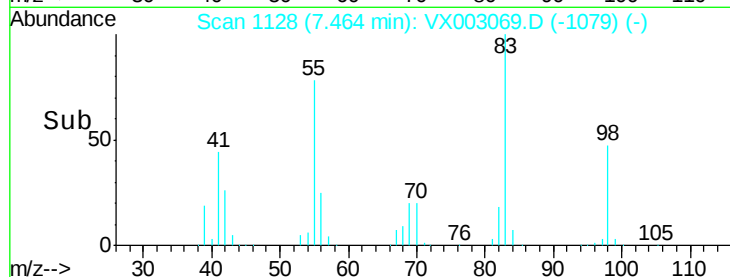
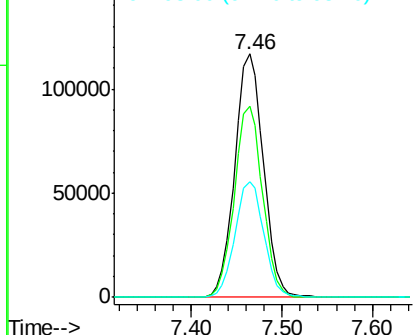
#39
Methvlcvclohexane
Concen: 47.00 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 256208
Ion Ratio Lower Upper
83 100
55 78.3 65.4 98.0
98 47.4 37.4 56.0

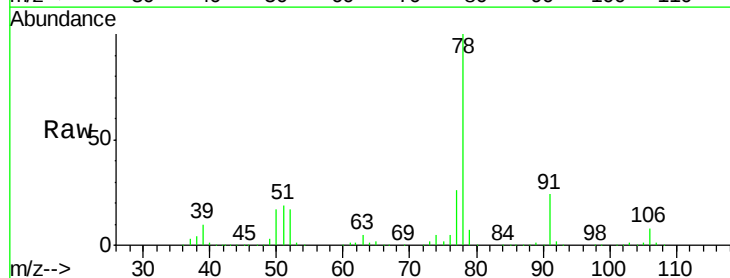


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

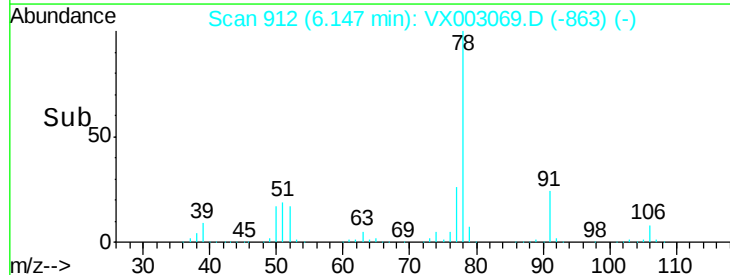
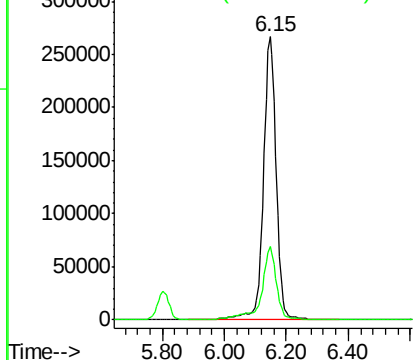


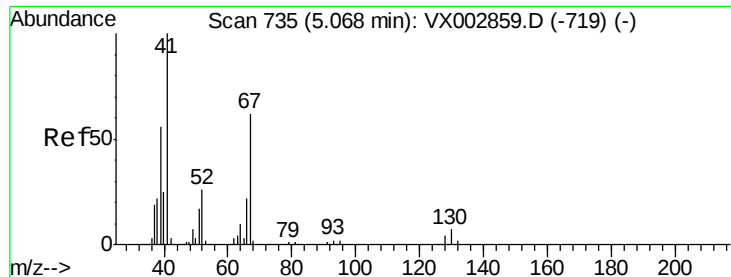
#40
Benzene
Concen: 55.40 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

Tgt Ion: 78 Resp: 753410
Ion Ratio Lower Upper
78 100
77 26.1 19.1 28.7



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

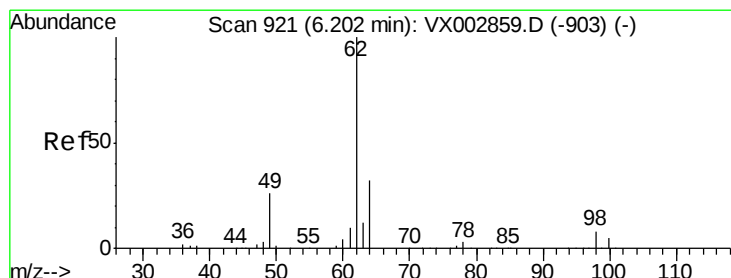
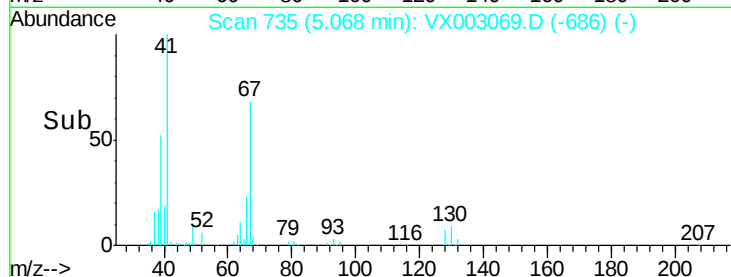
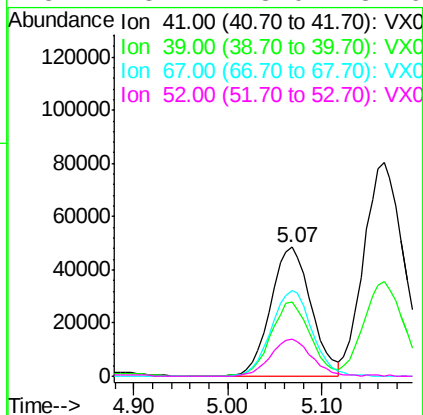
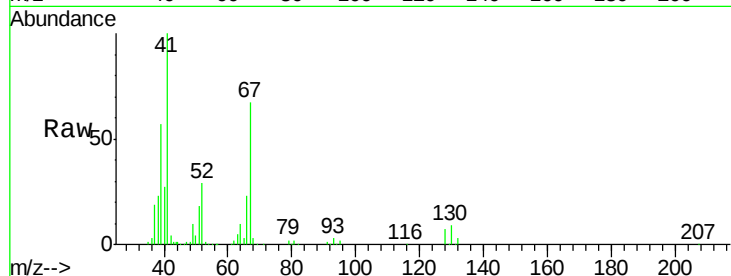




#41
Methacrylonitrile
Concen: 50.17 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

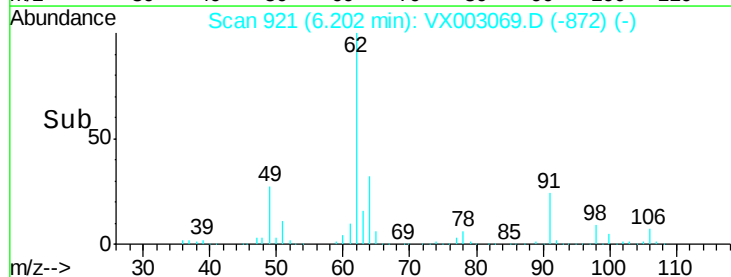
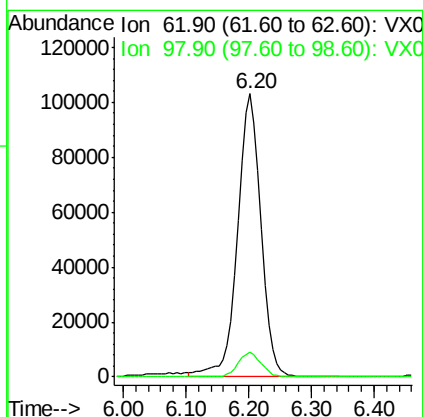
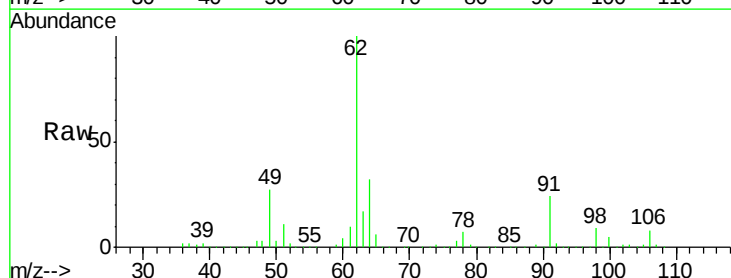
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

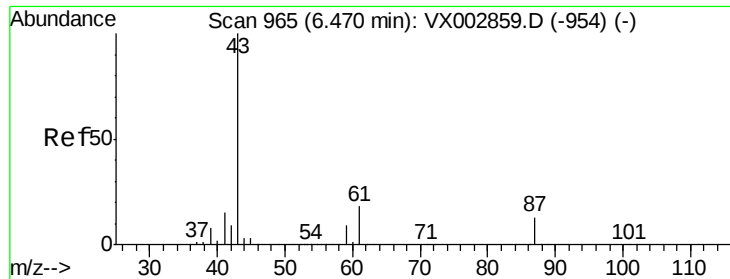
Tot Ion:	41	Resp:	145579
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.8	68.6
67	67.2	51.3	76.9
52	28.7	23.0	34.6



#42
1,2-Dichloroethane
Concen: 48.34 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

Tgt Ion:	62	Resp:	265531
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6



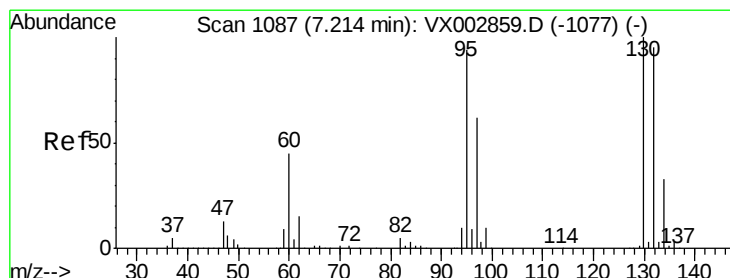
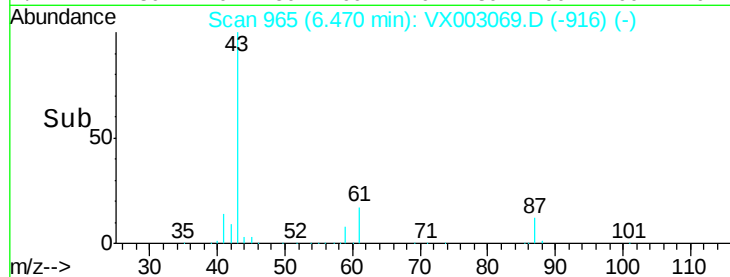
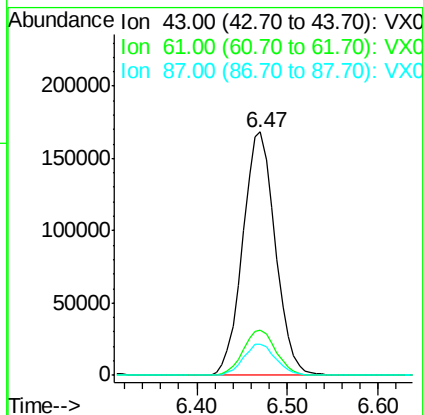
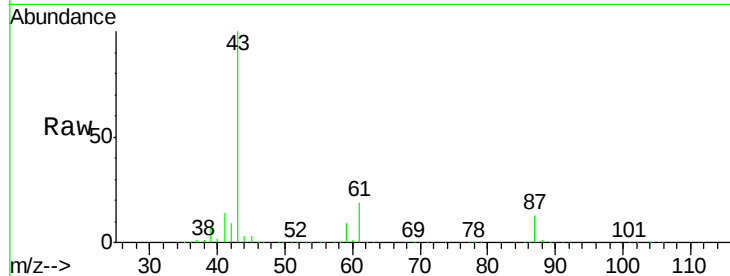


#43

Isopropyl Acetate
 Concen: 49.45 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

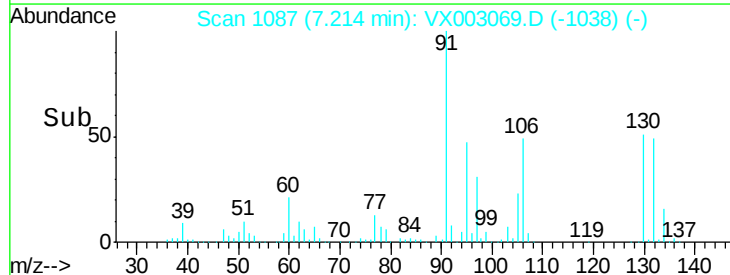
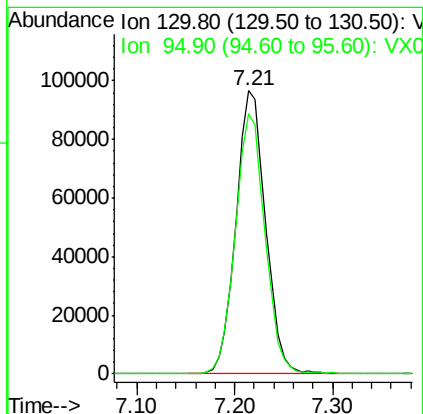
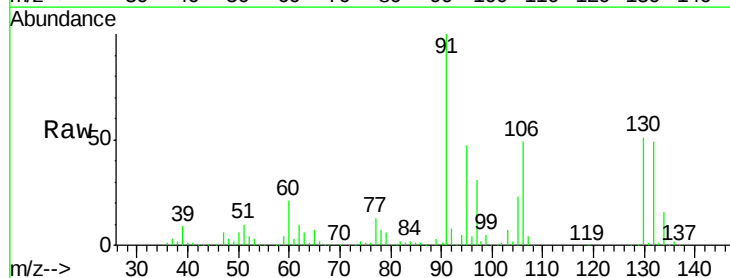
Tot Ion: 43 Resp: 417899
 Ion Ratio Lower Upper
 43 100
 61 18.8 14.4 21.6
 87 12.8 9.5 14.3

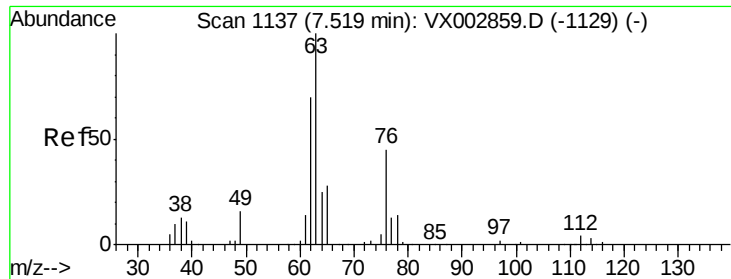


#44

Trichloroethene
 Concen: 50.17 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

Tgt Ion: 130 Resp: 203420
 Ion Ratio Lower Upper
 130 100
 95 92.0 0.0 185.4

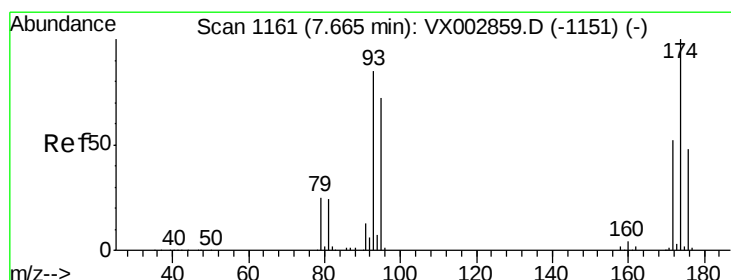
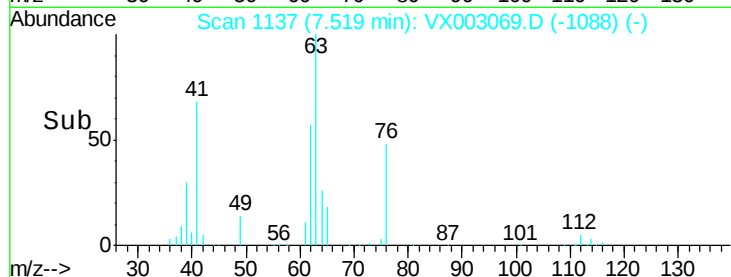
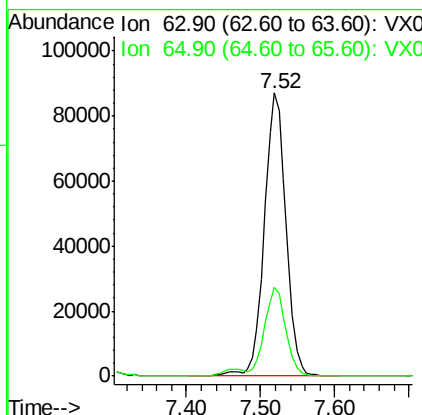
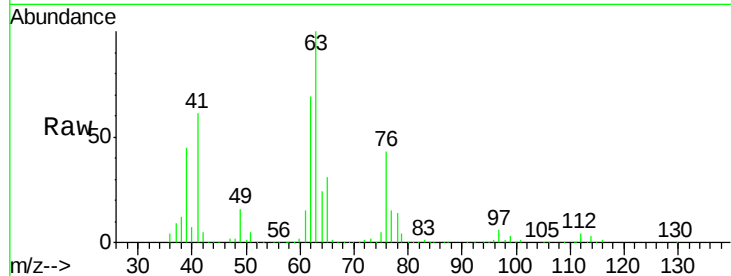




#45
 1,2-Dichloropropane
 Concen: 48.91 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

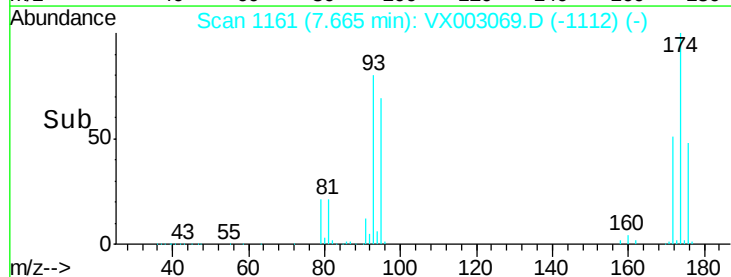
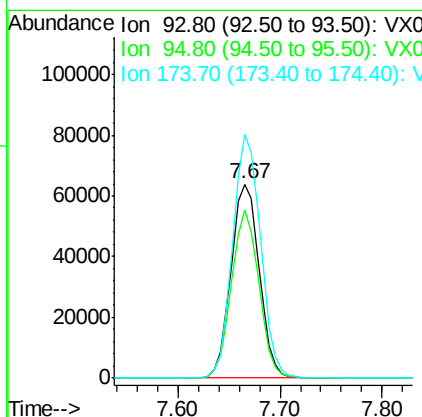
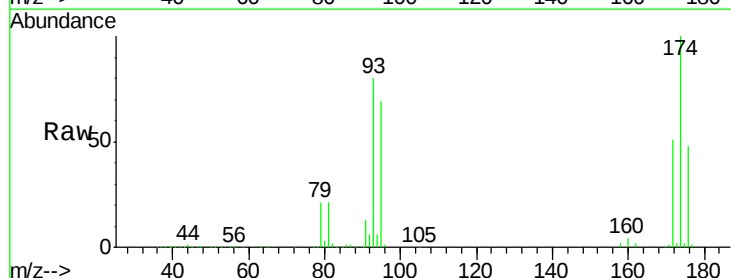
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

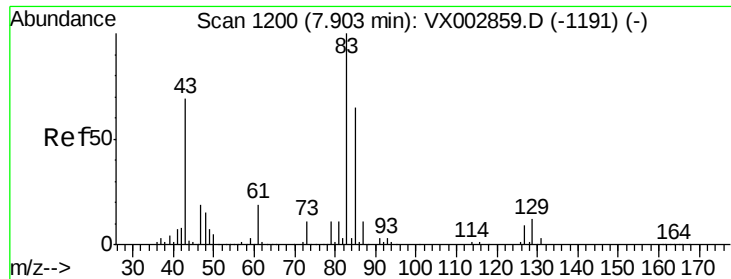
Tot Ion: 63 Resp: 176411
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1



#46
 Dibromomethane
 Concen: 48.79 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

Tgt Ion: 93 Resp: 122146
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.9 98.9
 174 124.0 92.4 138.6





#47

Bromodichloromethane

Concen: 50.42 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

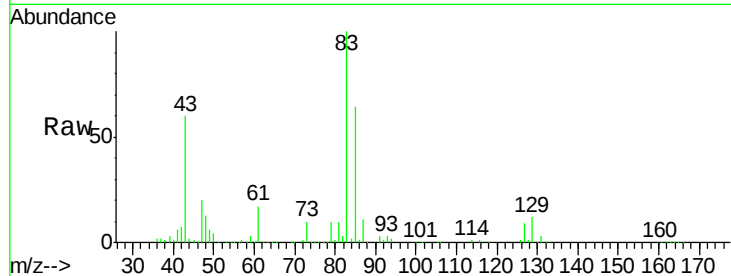
Tot Ion: 83 Resp: 233344

Ion Ratio Lower Upper

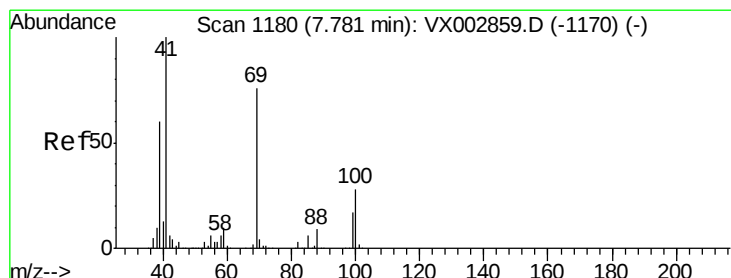
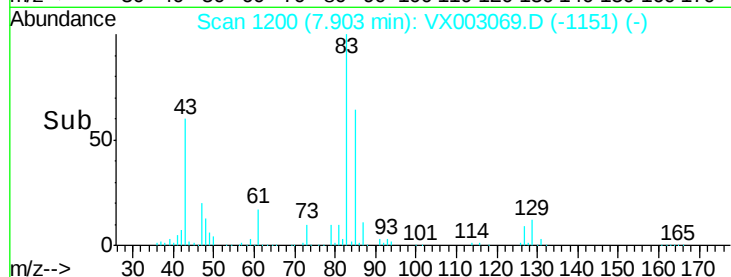
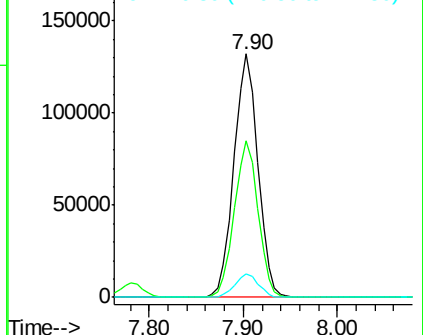
83 100

85 64.4 50.3 75.5

127 9.5 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: 49.20 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

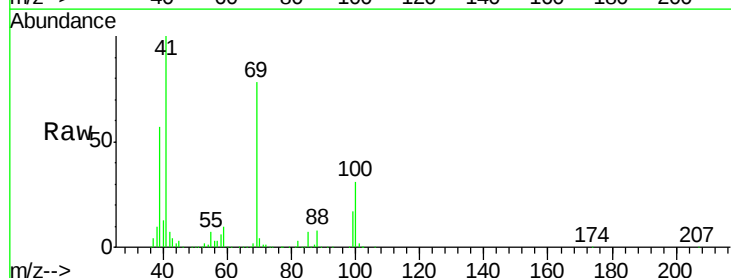
Tgt Ion: 41 Resp: 214256

Ion Ratio Lower Upper

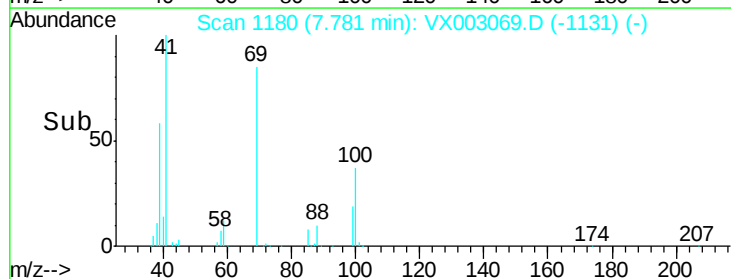
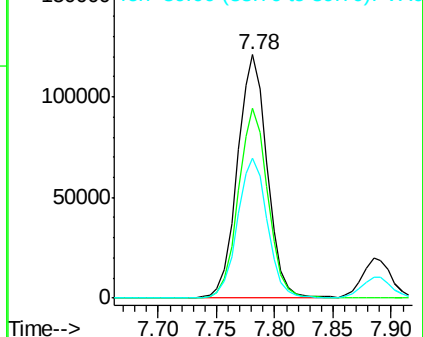
41 100

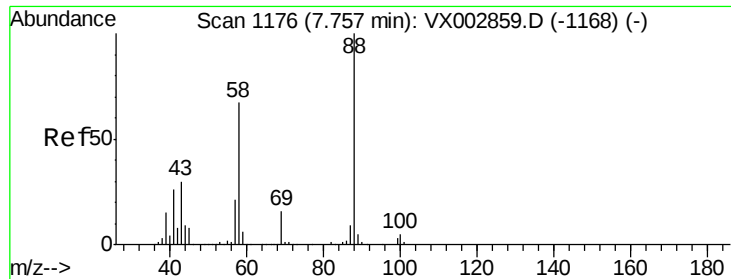
69 77.9 59.1 88.7

39 57.6 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

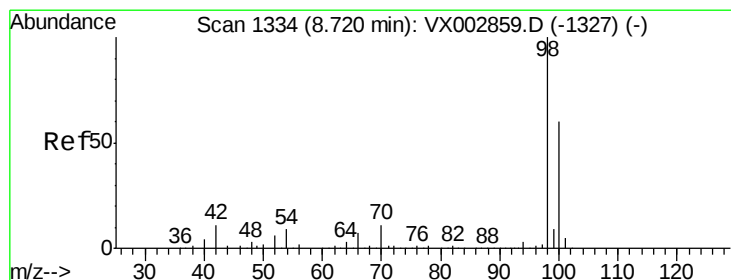
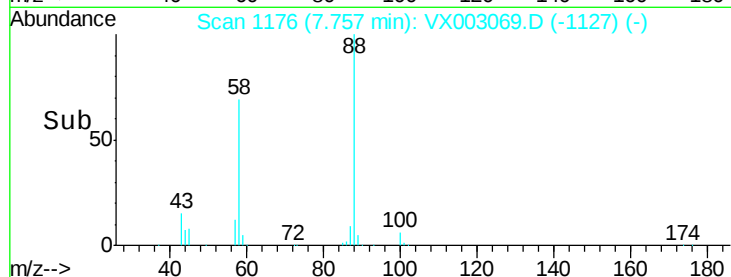
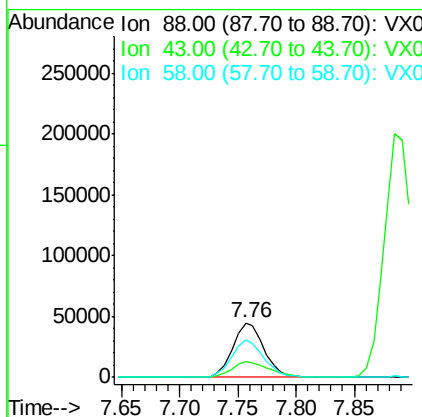
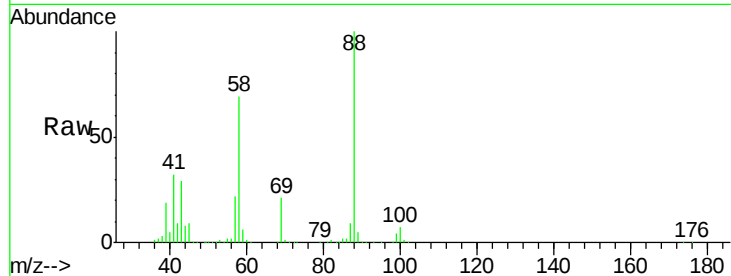




#49
1,4-Dioxane
Concen: 989.69 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

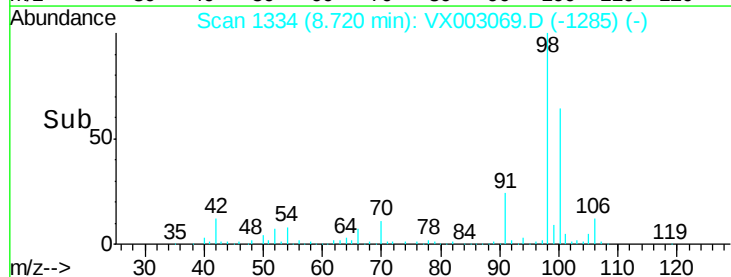
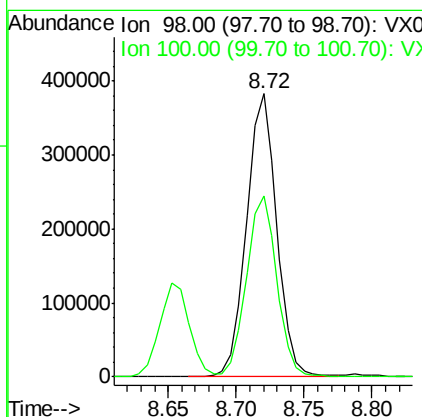
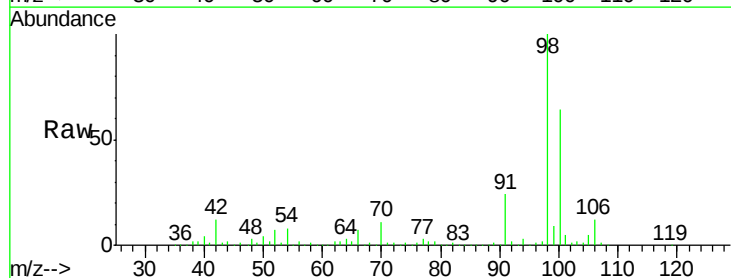
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

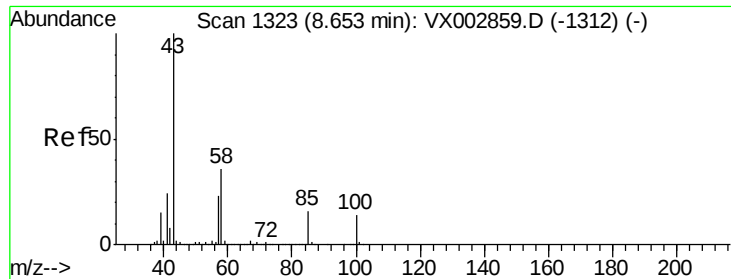
Tot Ion: 88 Resp: 83847
Ion Ratio Lower Upper
88 100
43 34.2 29.8 44.6
58 71.6 57.1 85.7



#50
Toluene-d8
Concen: 48.01 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

Tgt Ion: 98 Resp: 592561
Ion Ratio Lower Upper
98 100
100 65.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 247.75 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

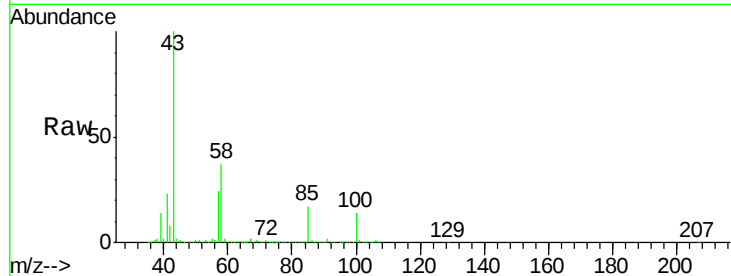
VSTDCCC050EC

Tot Ion: 43 Resp: 1309968

Ion Ratio Lower Upper

43 100

58 37.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

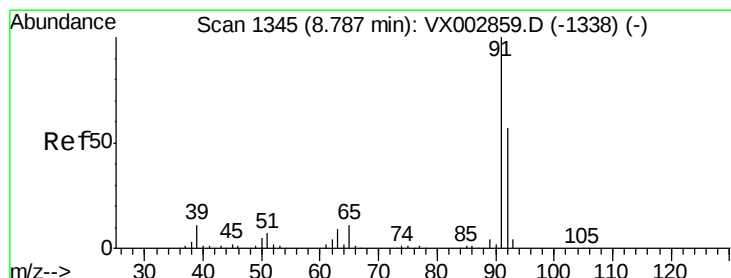
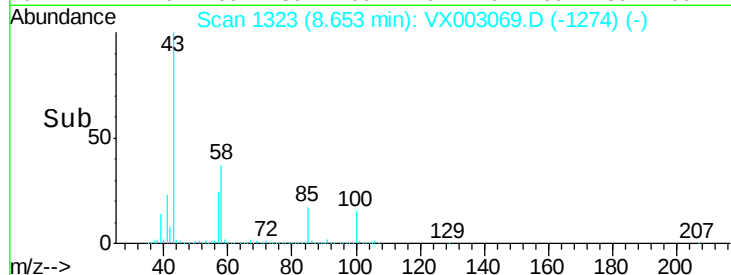
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.05 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003069.D

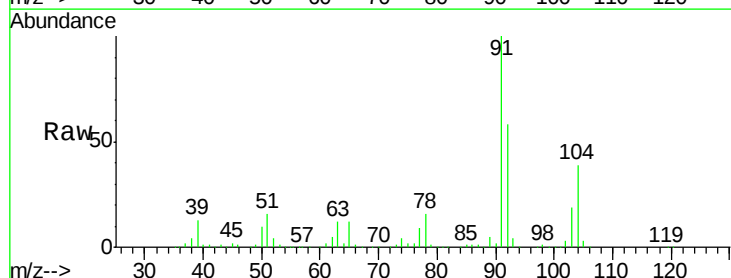
Acq: 30 Jun 2018 09:34

Tgt Ion: 92 Resp: 436012

Ion Ratio Lower Upper

92 100

91 173.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

600000

500000

400000

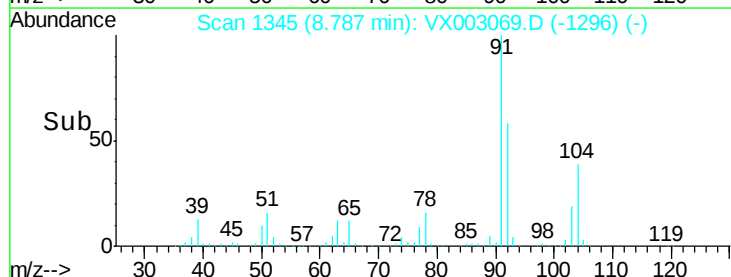
300000

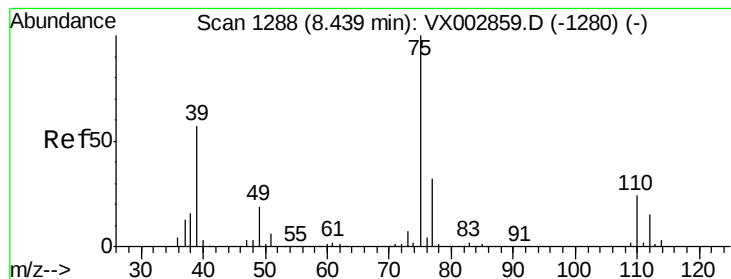
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.79 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

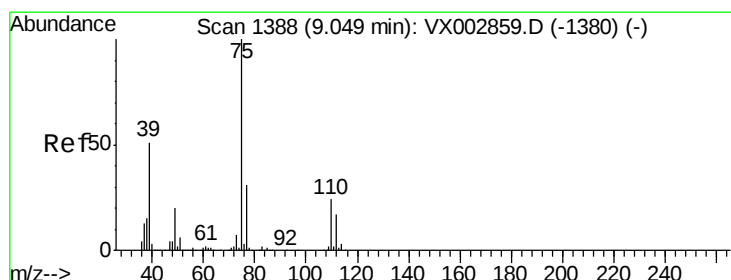
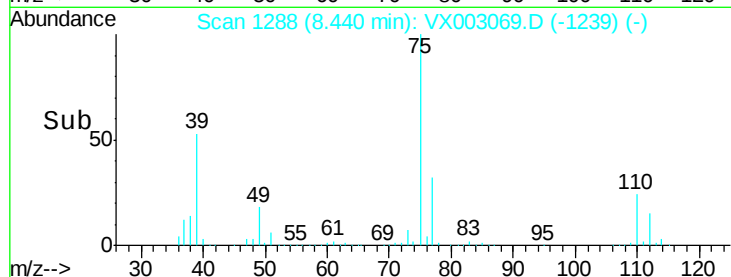
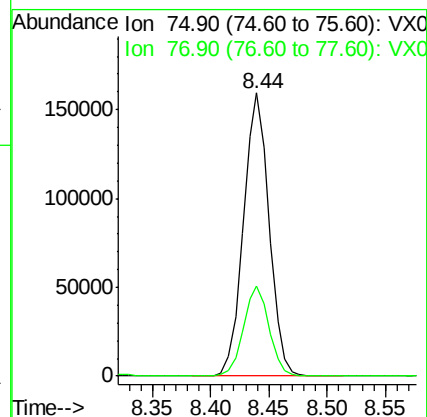
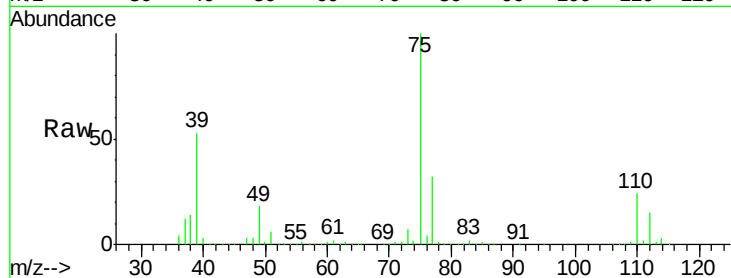
VSTDCCC050EC

Tot Ion: 75 Resp: 245245

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 44.71 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

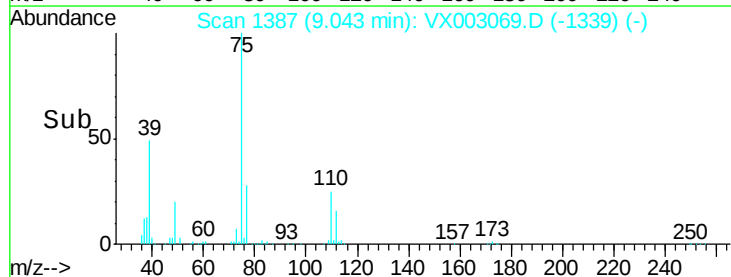
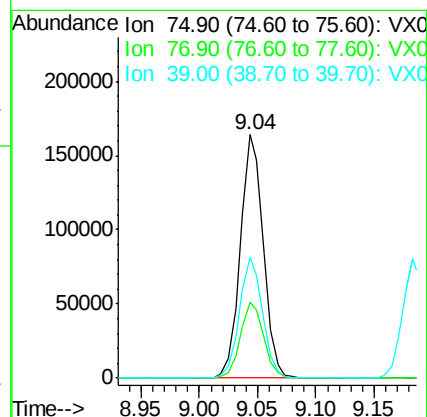
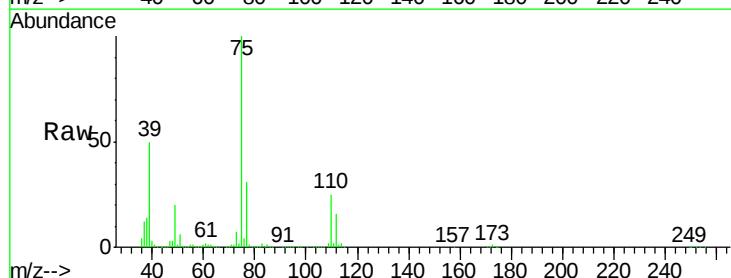
Tgt Ion: 75 Resp: 225477

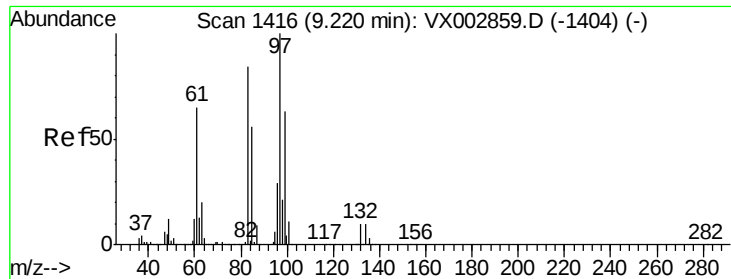
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 49.6 42.4 63.6

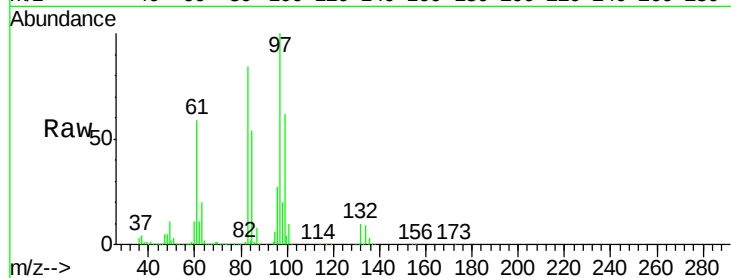




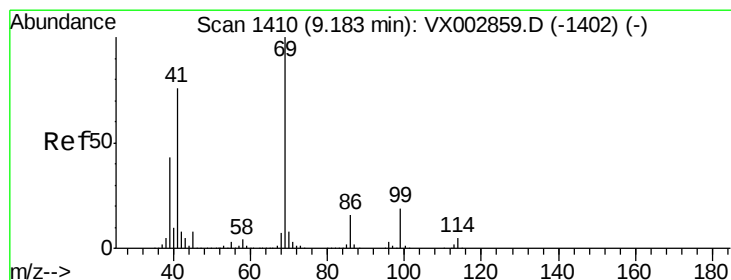
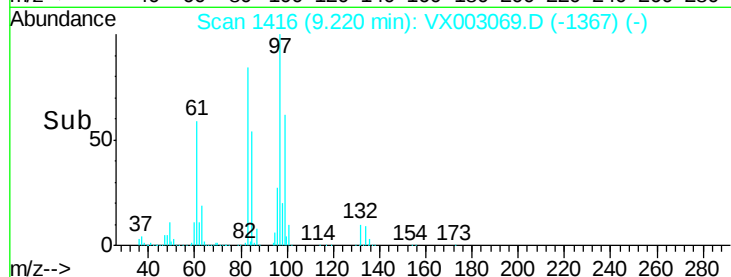
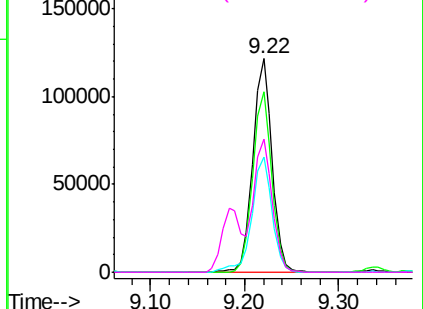
#55
 1,1,2-Trichloroethane
 Concen: 48.99 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	175375
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.2	105.2
85	53.8	44.9	67.3
99	62.3	49.8	74.8

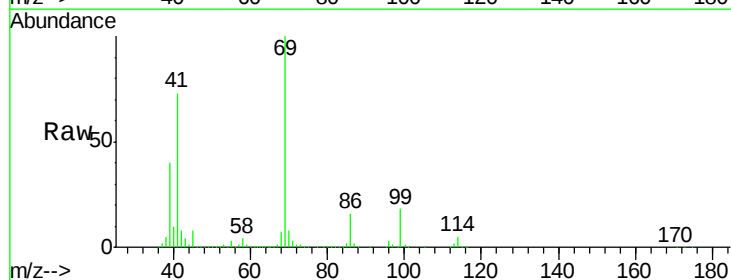


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

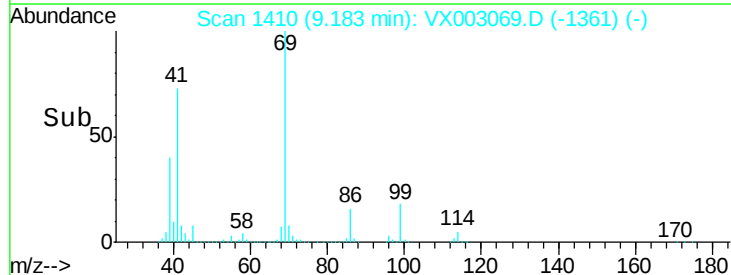
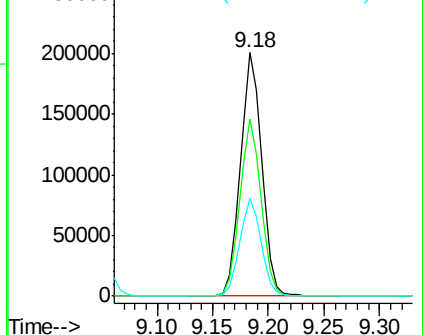


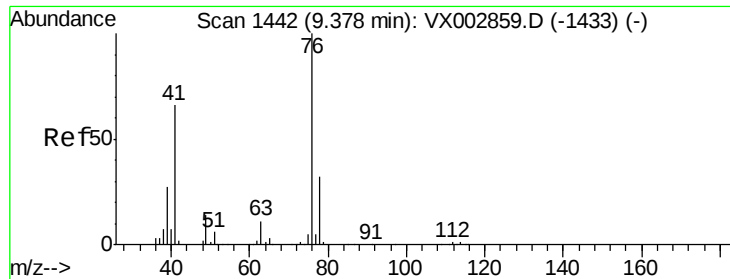
#56
 Ethyl methacrylate
 Concen: 50.95 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

Tgt Ion:	69	Resp:	266566
Ion	Ratio	Lower	Upper
69	100		
41	72.0	60.3	90.5
39	39.9	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

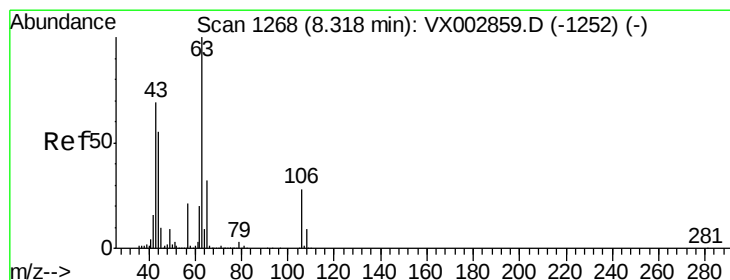
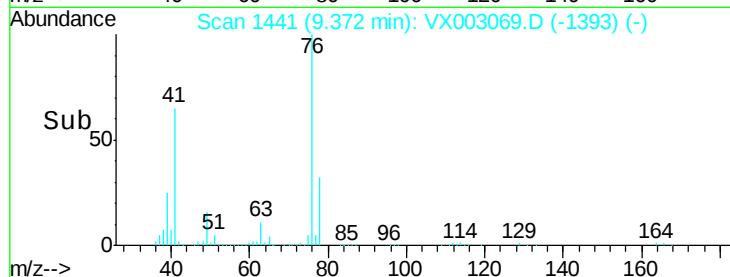
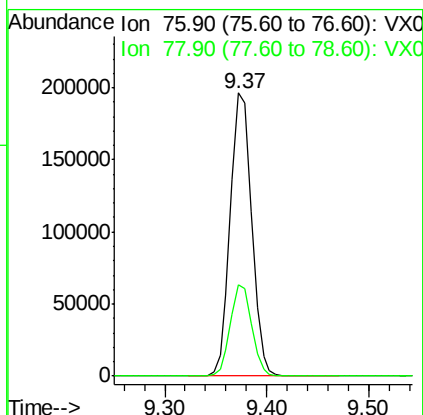
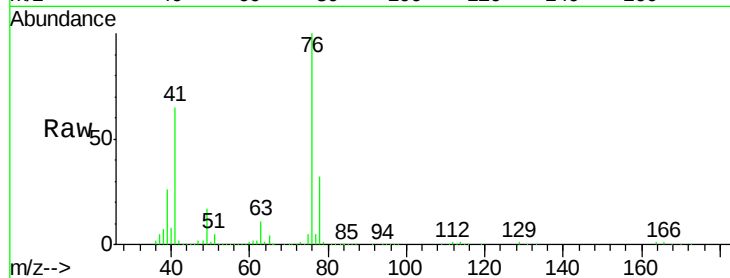




#57
 1,3-Dichloropropane
 Concen: 48.41 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

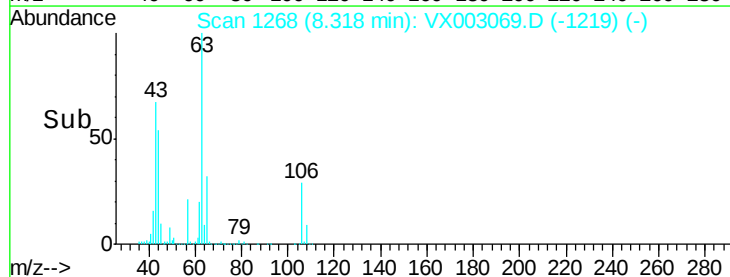
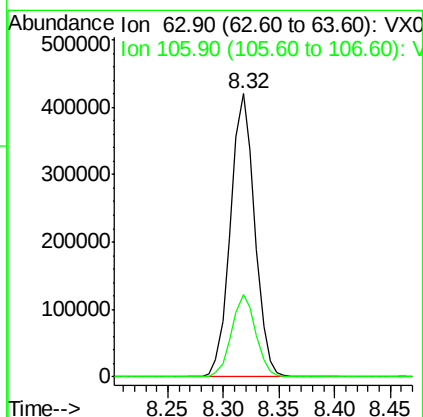
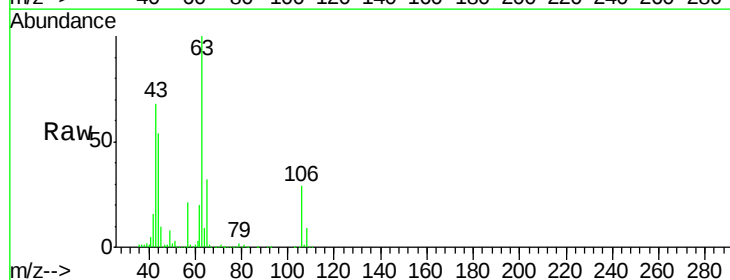
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

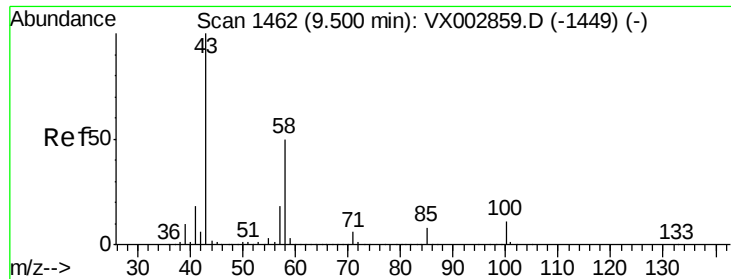
Tot Ion: 76 Resp: 284602
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.78 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

Tgt Ion: 63 Resp: 632953
 Ion Ratio Lower Upper
 63 100
 106 28.9 21.8 32.8

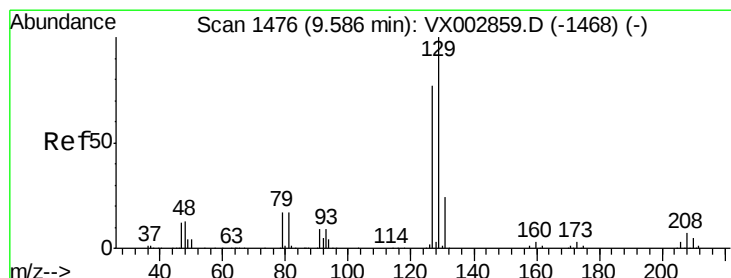
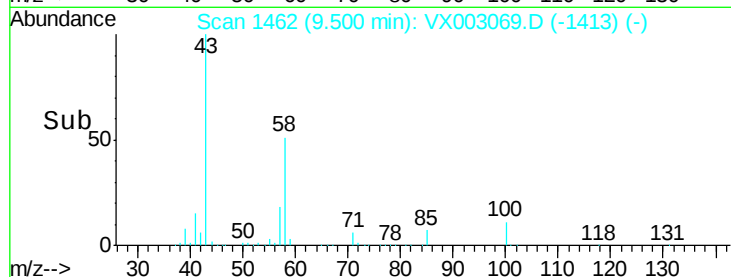
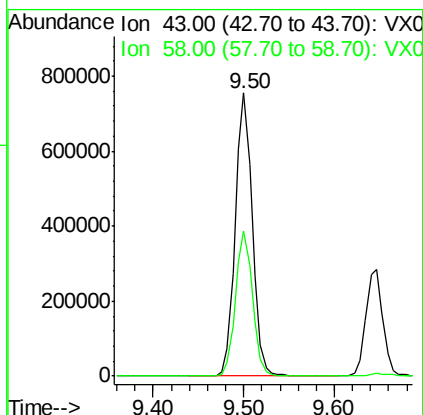
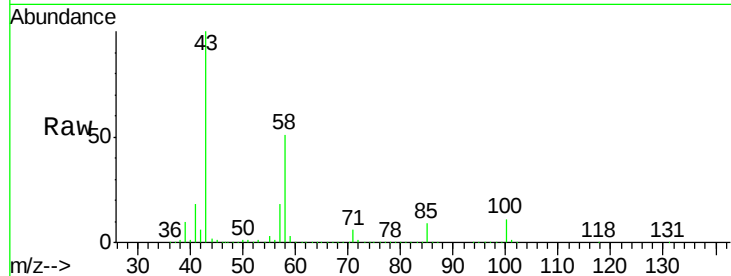




#59
2-Hexanone
Concen: 244.88 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

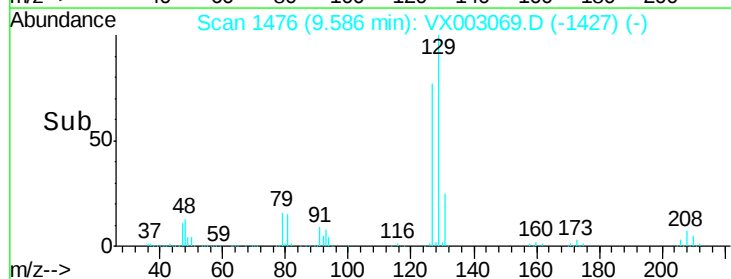
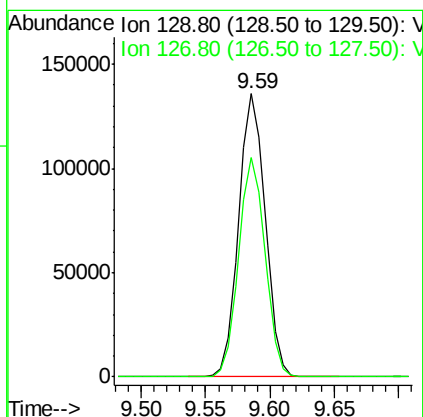
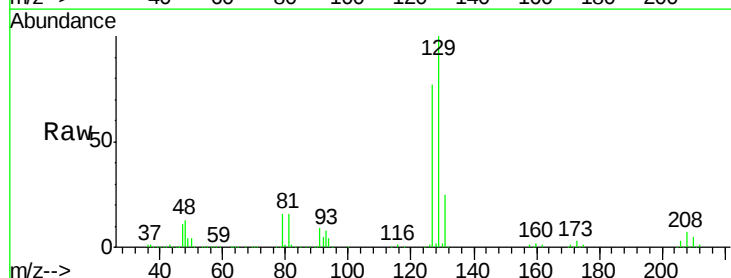
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

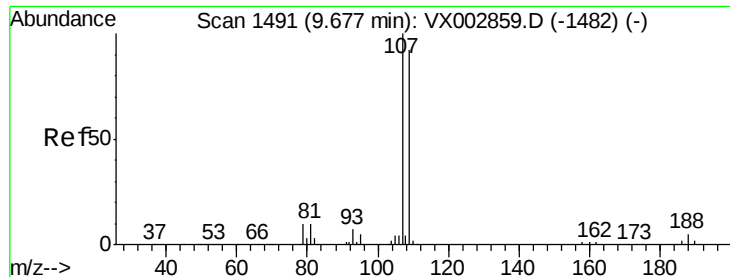
Tot Ion: 43 Resp: 984084
Ion Ratio Lower Upper
43 100
58 51.3 24.6 73.6



#60
Dibromochloromethane
Concen: 51.57 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

Tgt Ion: 129 Resp: 194322
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.60 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

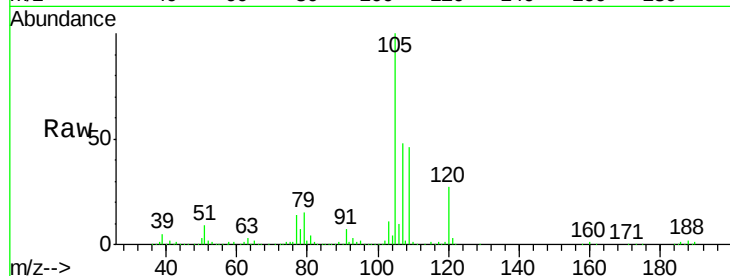
VSTDCCC050EC

Tot Ion:107 Resp: 186226

Ion Ratio Lower Upper

107 100

109 94.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

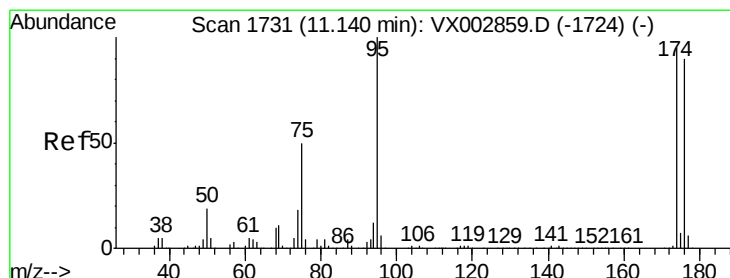
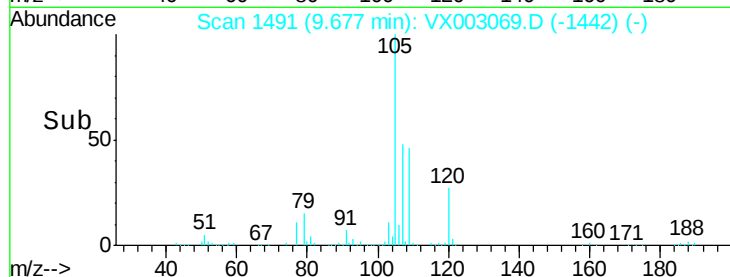
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

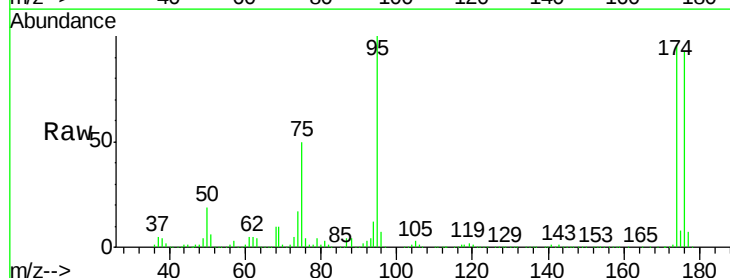
Tgt Ion: 95 Resp: 227514

Ion Ratio Lower Upper

95 100

174 97.8 0.0 187.4

176 95.2 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

250000

200000

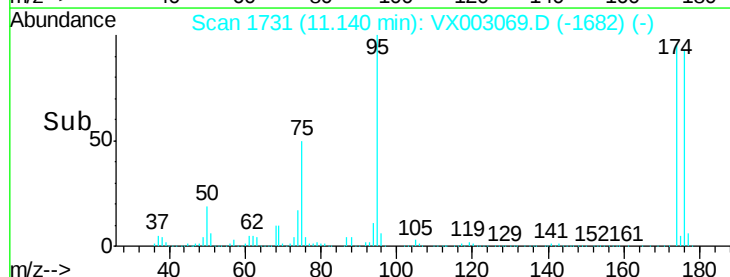
150000

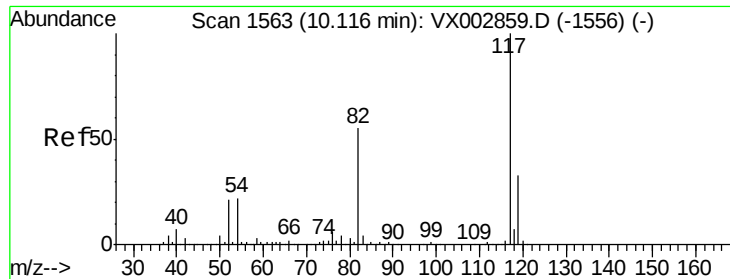
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

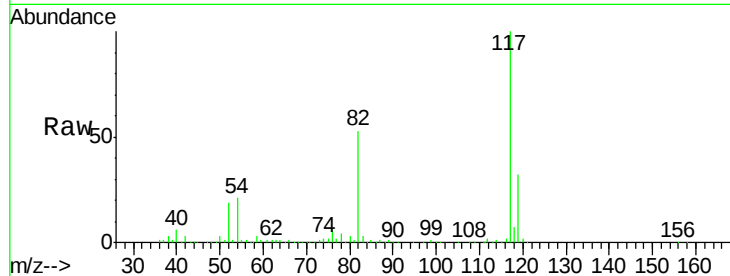
Tot Ion:117 Resp: 397139

Ion Ratio Lower Upper

117 100

82 53.4 45.0 67.4

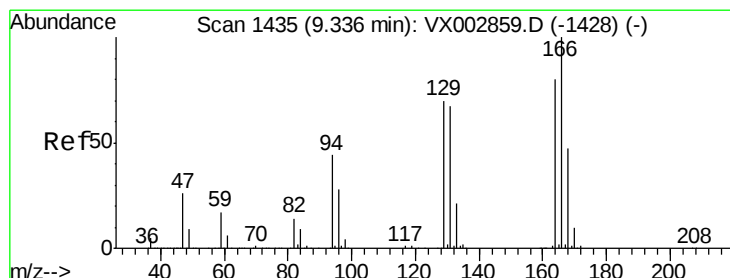
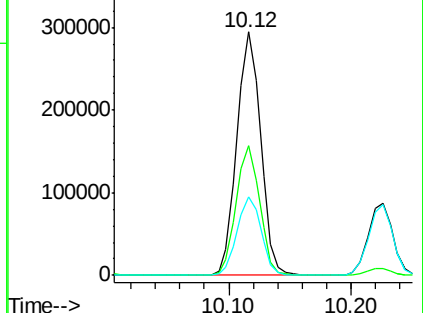
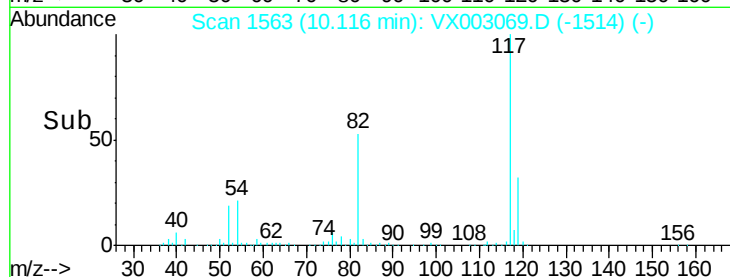
119 32.5 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 50.85 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Tgt Ion:164 Resp: 224559

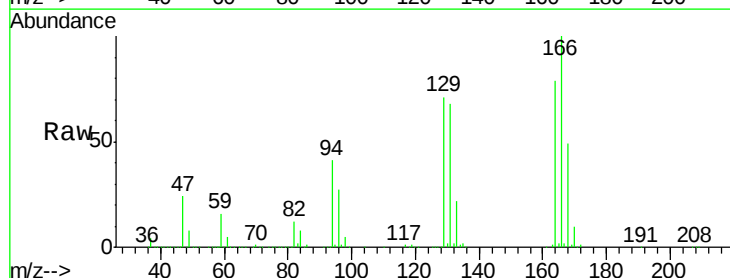
Ion Ratio Lower Upper

164 100

166 125.9 102.9 154.3

129 89.1 68.6 102.8

131 86.1 66.8 100.2

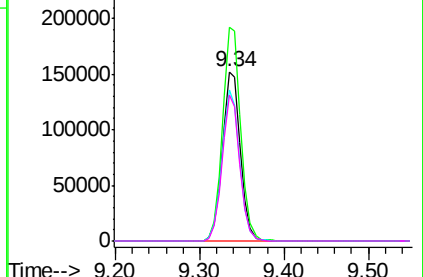
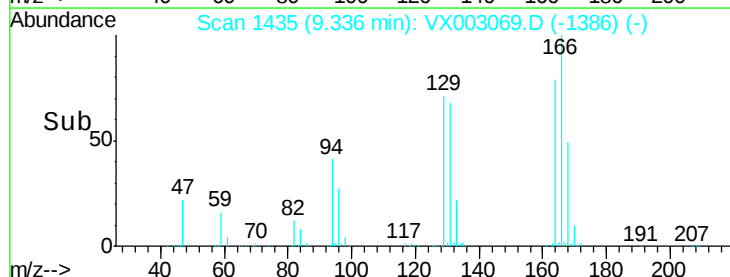


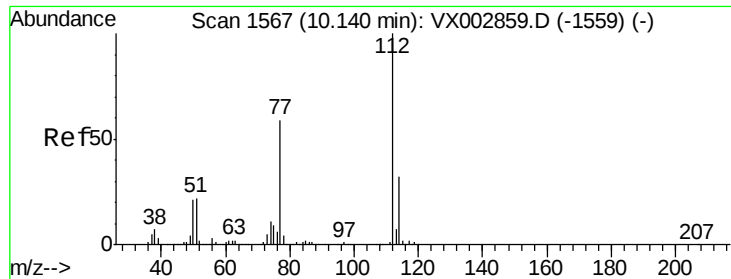
Abundance Ion 163.80 (163.50 to 164.50): V

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

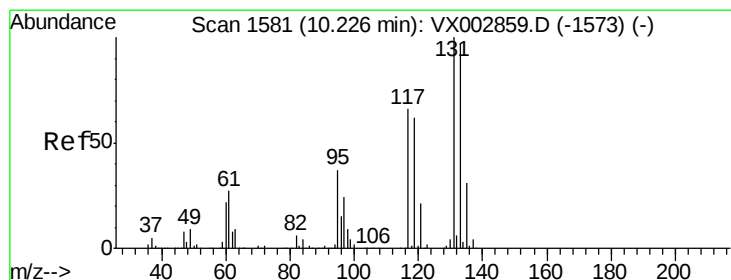
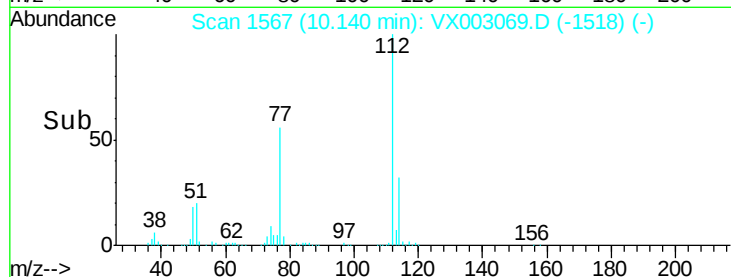
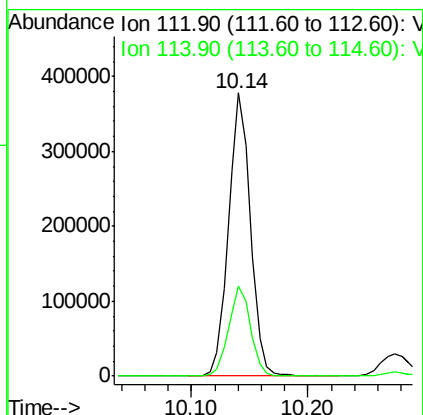
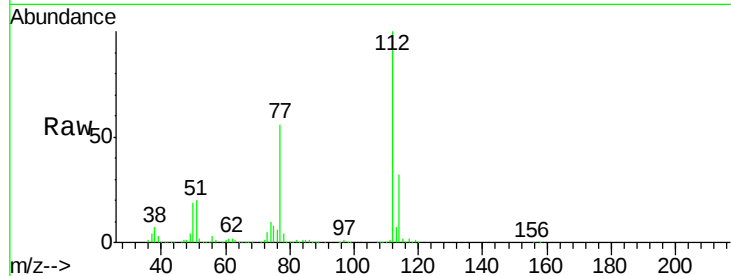




#65
Chlorobenzene
Concen: 48.89 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

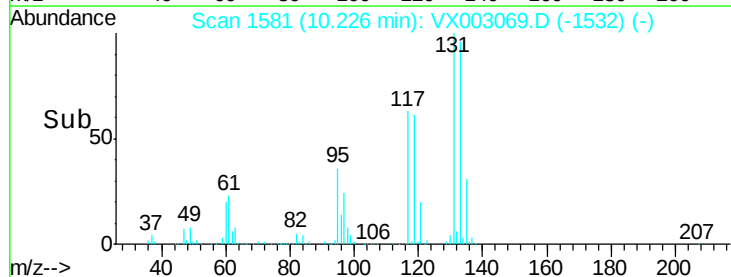
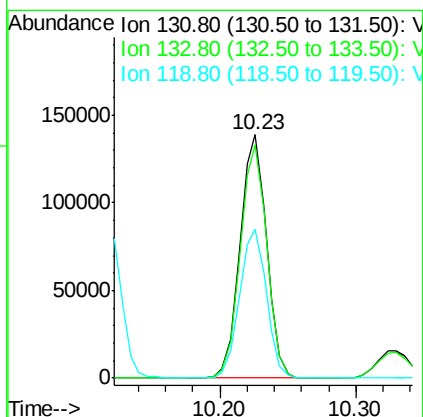
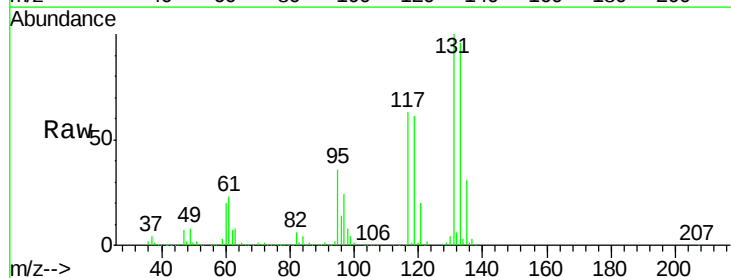
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

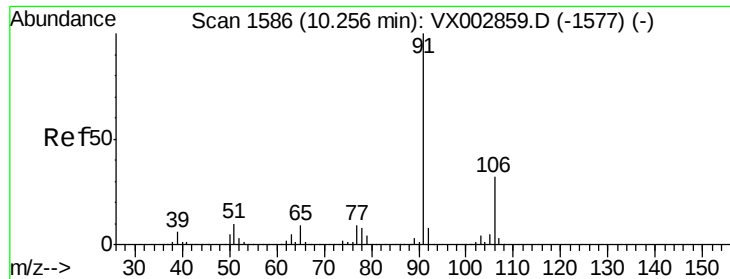
Tot Ion:112 Resp: 493173
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.21 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

Tgt Ion:131 Resp: 187637
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 62.4 31.8 95.3

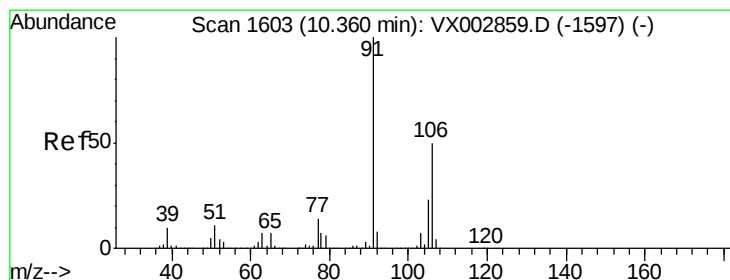
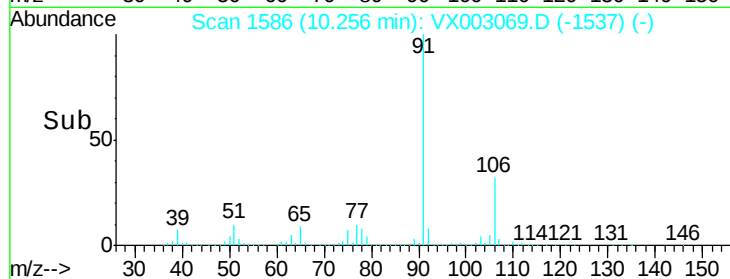
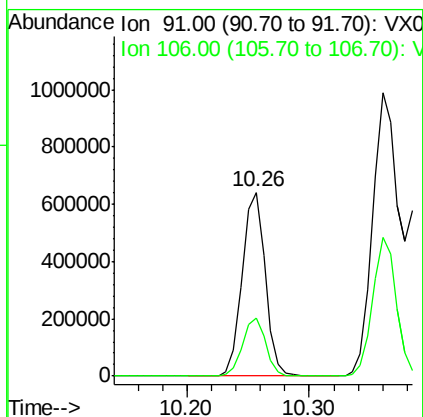
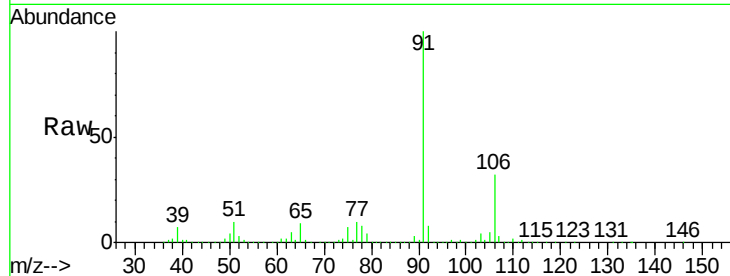




#67
Ethyl Benzene
Concen: 50.31 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

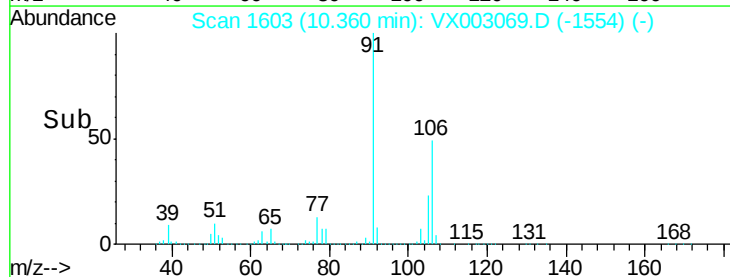
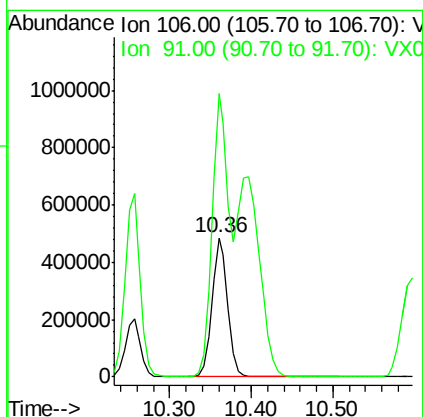
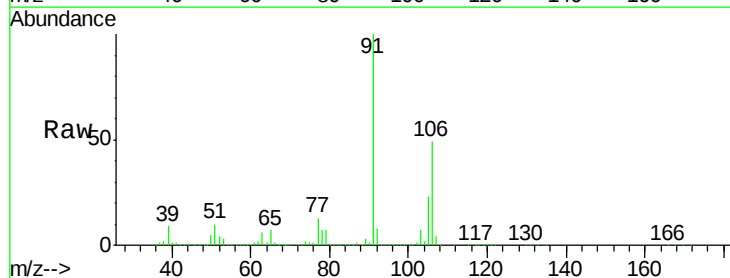
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

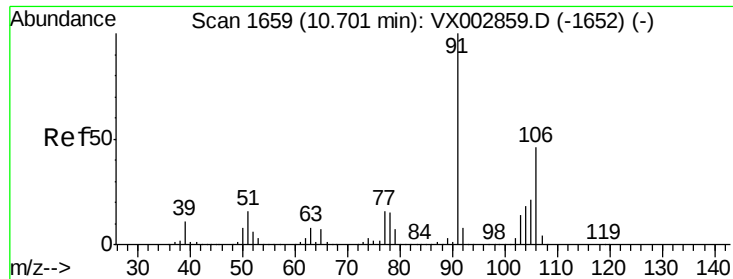
Tot Ion: 91 Resp: 838337
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 101.93 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

Tgt Ion: 106 Resp: 654580
Ion Ratio Lower Upper
106 100
91 225.4 163.4 245.2

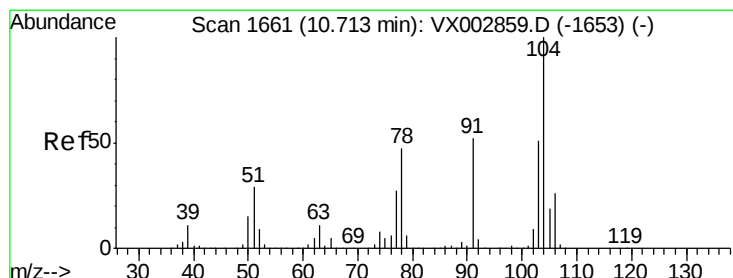
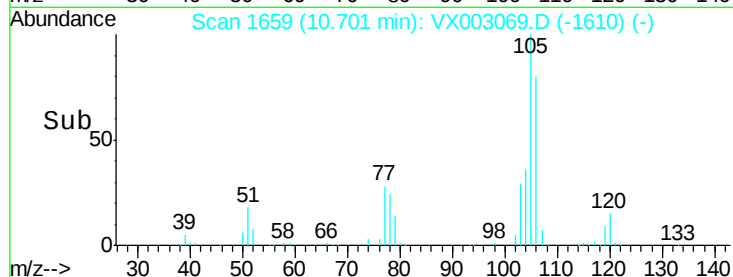
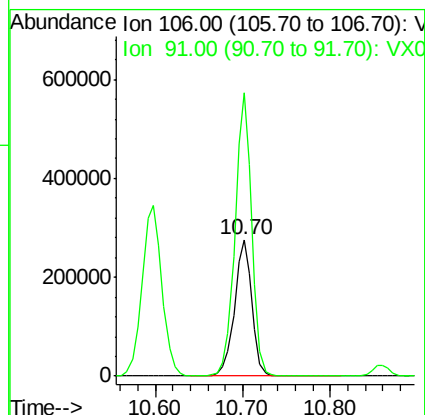
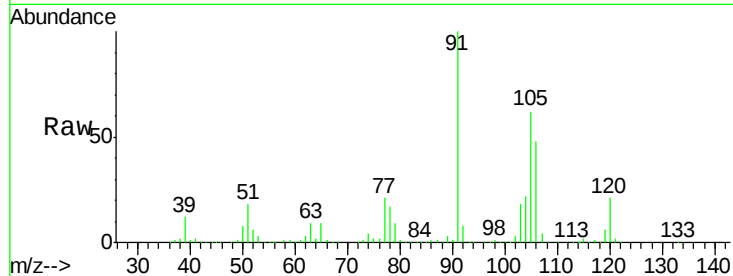




#69
o-Xylene
Concen: 61.20 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

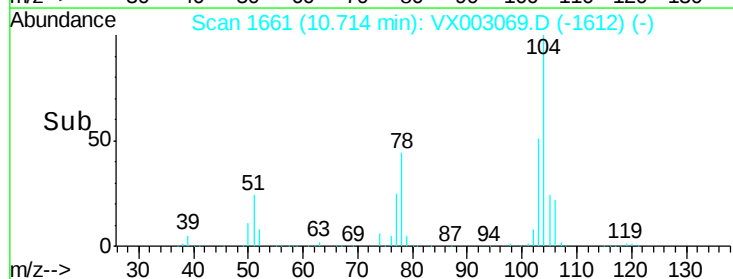
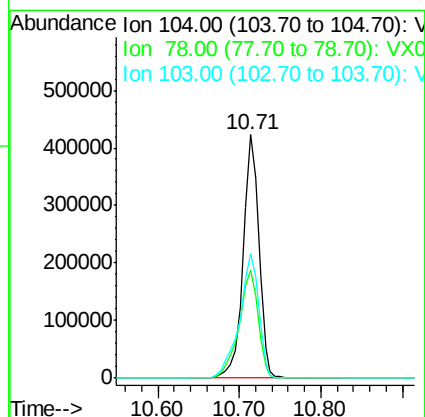
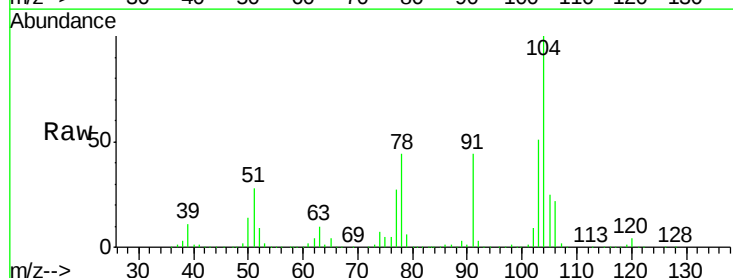
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

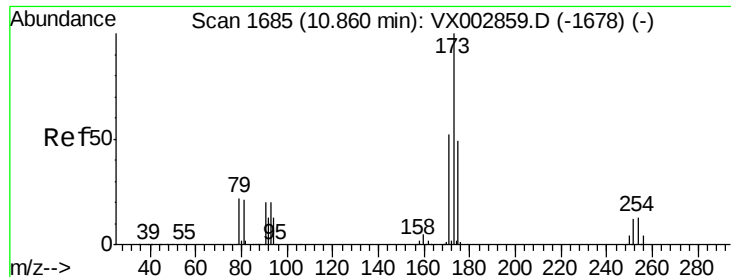
Tot Ion:106 Resp: 382708
Ion Ratio Lower Upper
106 100
91 199.4 108.2 324.6



#70
Styrene
Concen: 55.28 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003069.D
Acq: 30 Jun 2018 09:34

Tgt Ion:104 Resp: 561716
Ion Ratio Lower Upper
104 100
78 53.9 41.0 61.6
103 62.6 44.2 66.4





#71

Bromoform

Concen: 47.95 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

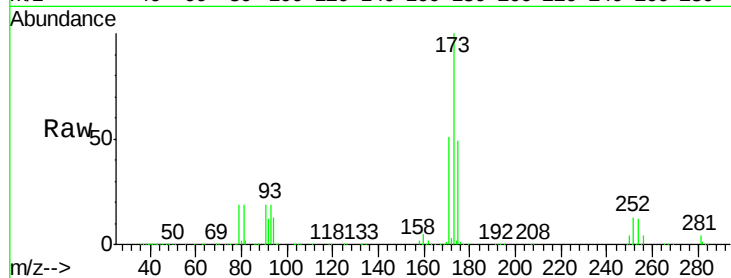
Tot Ion:173 Resp: 158194

Ion Ratio Lower Upper

173 100

175 48.5 24.7 74.1

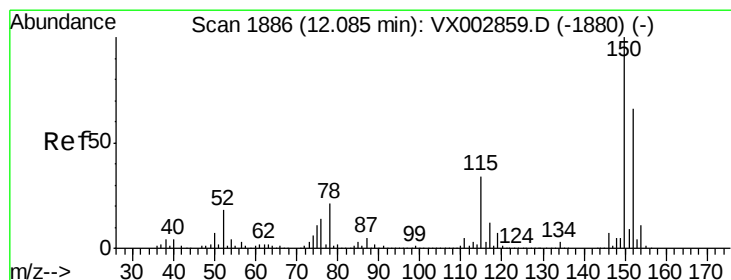
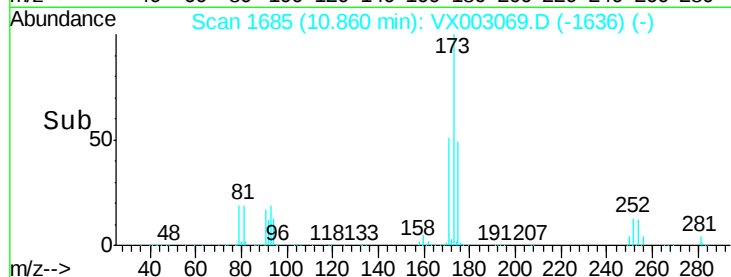
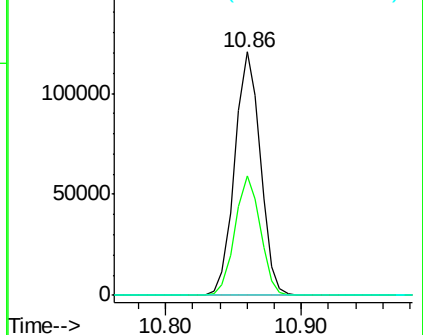
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

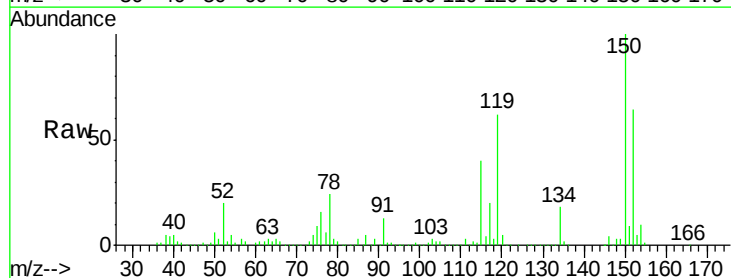
Tgt Ion:152 Resp: 249037

Ion Ratio Lower Upper

152 100

115 76.0 40.1 120.2

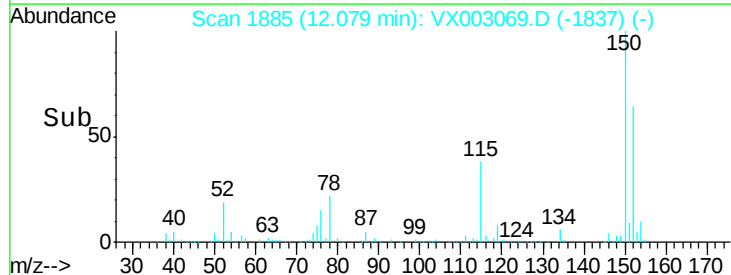
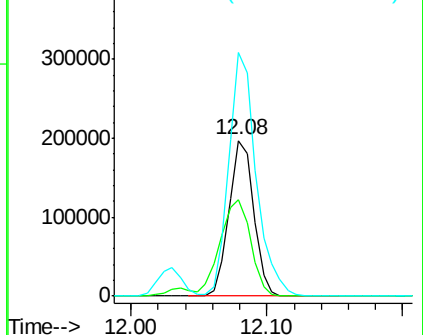
150 172.7 0.0 347.2

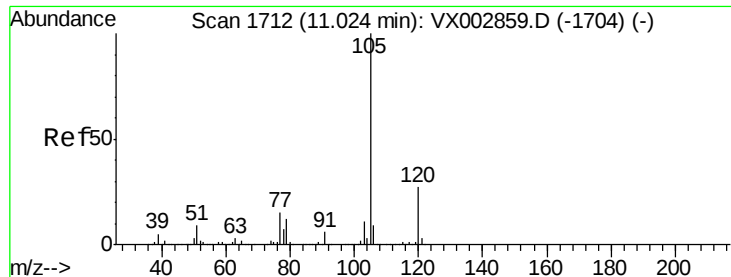


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.27 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

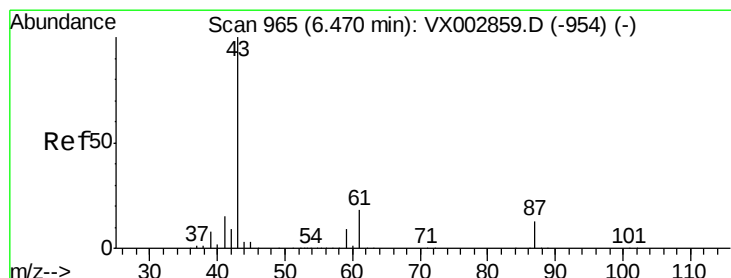
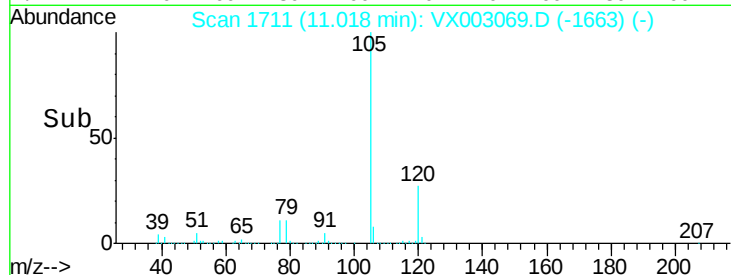
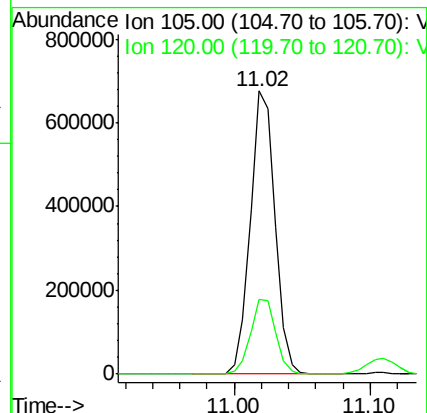
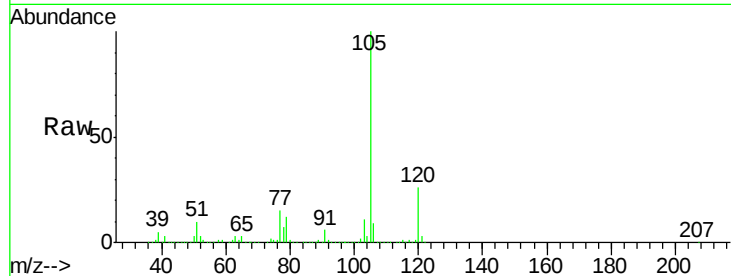
VSTDCCC050EC

Tot Ion:105 Resp: 858922

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 50.98 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Tgt Ion: 43 Resp: 417899

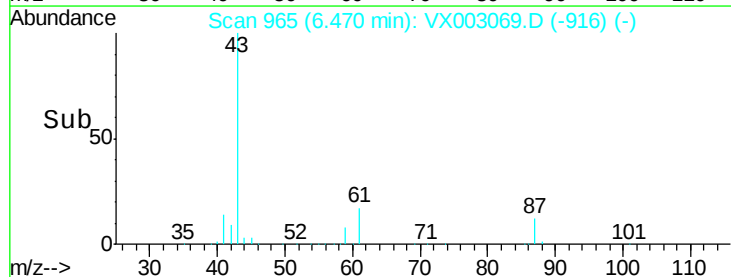
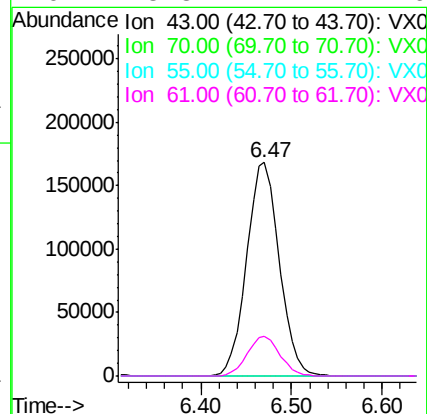
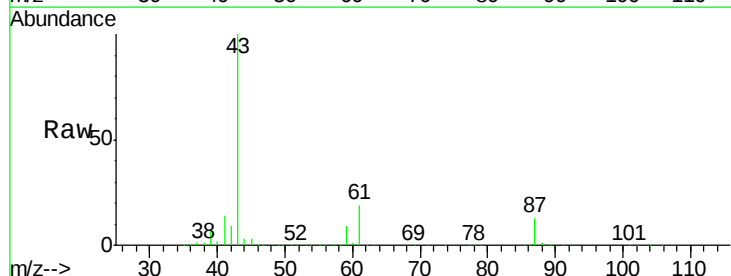
Ion Ratio Lower Upper

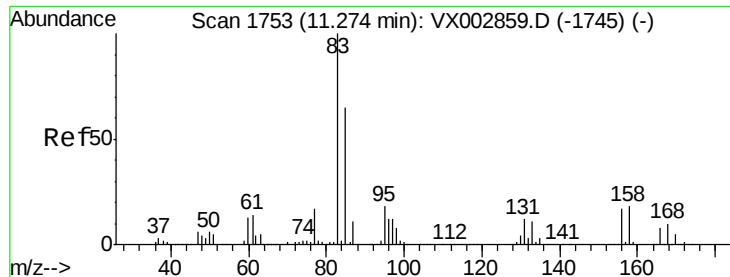
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.8 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.00 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

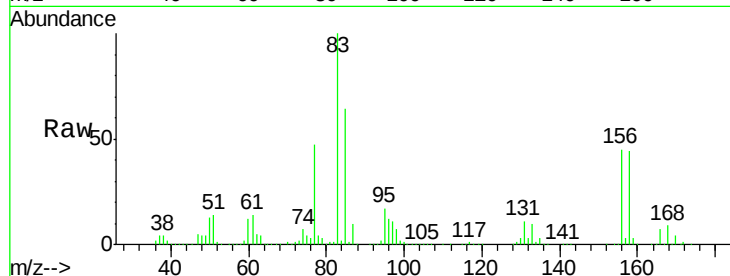
Tot Ion: 83 Resp: 263186

Ion Ratio Lower Upper

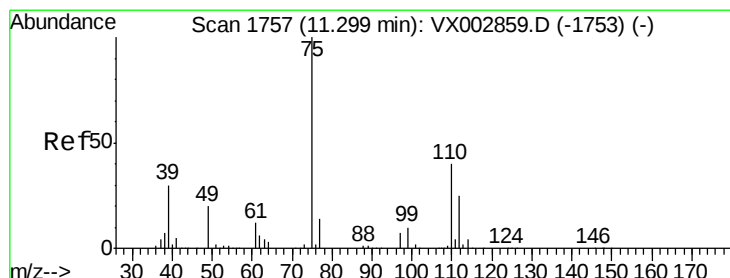
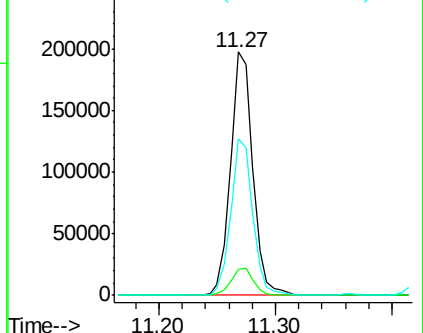
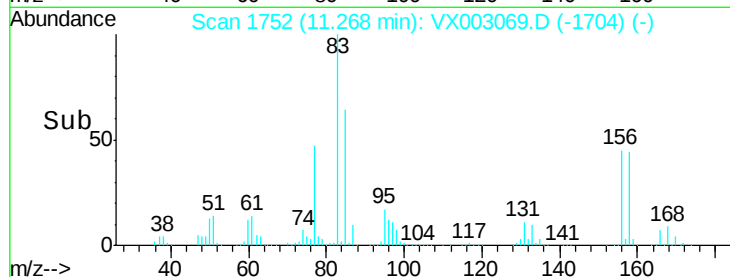
83 100

131 11.4 5.6 16.8

85 63.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX003069.D (-1704) (-)



#76

1,2,3-Trichloropropane

Concen: 61.41 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003069.D

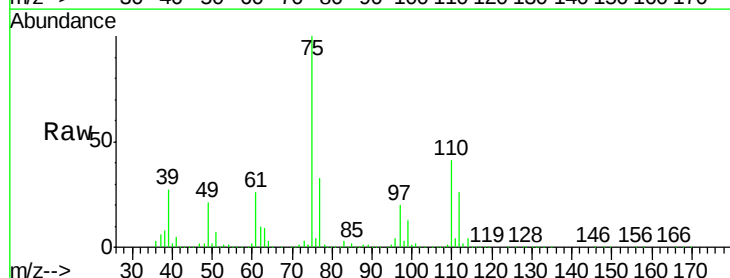
Acq: 30 Jun 2018 09:34

Tgt Ion: 75 Resp: 277009

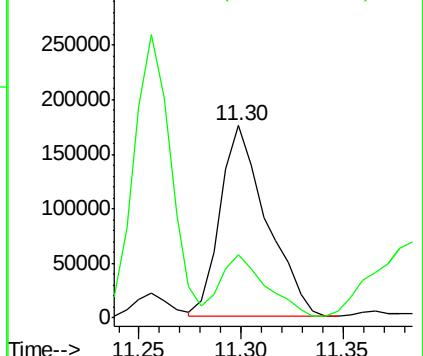
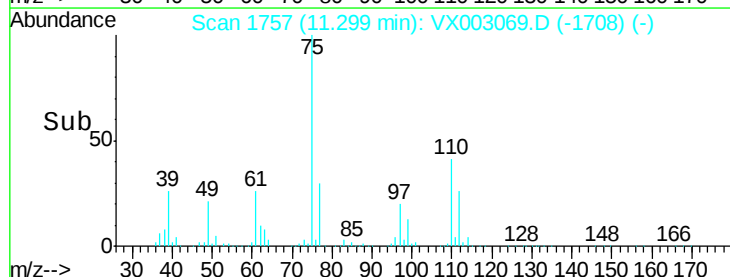
Ion Ratio Lower Upper

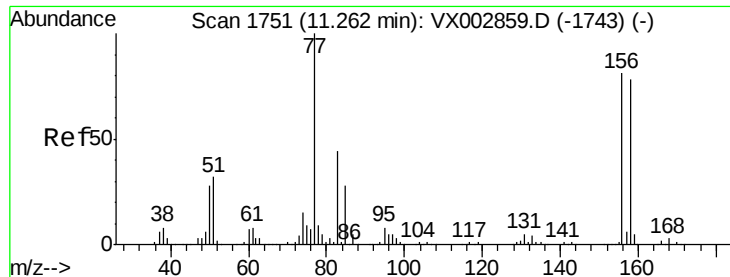
75 100

77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX003069.D (-1708) (-)





#77

Bromobenzene

Concen: 50.92 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

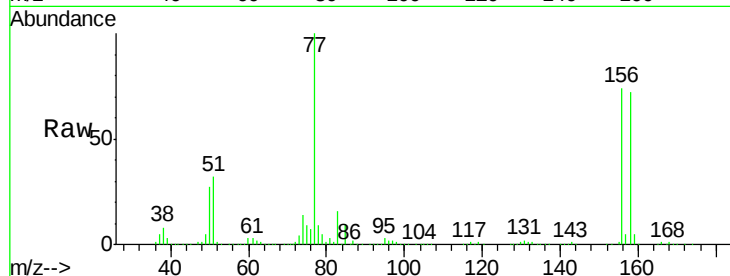
Tot Ion:156 Resp: 242954

Ion Ratio Lower Upper

156 100

77 134.3 71.4 214.2

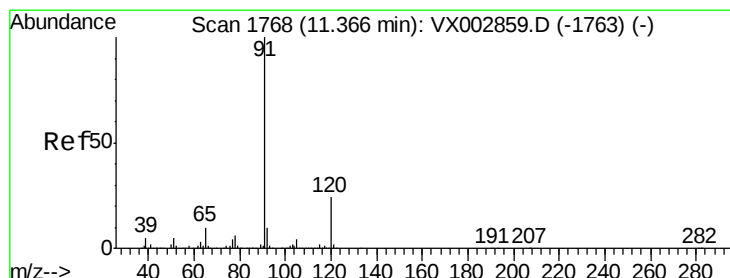
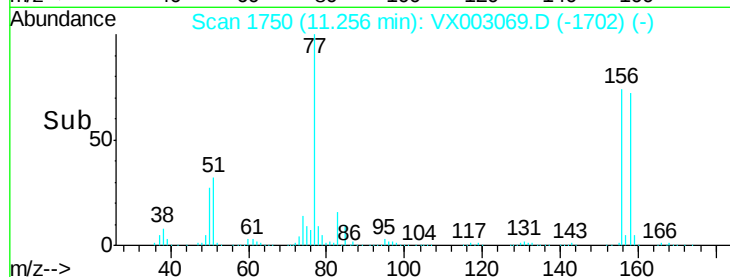
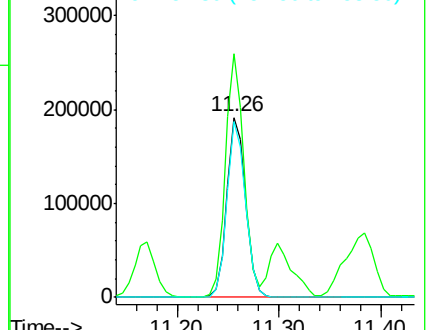
158 96.8 48.9 146.6



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: 56.71 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003069.D

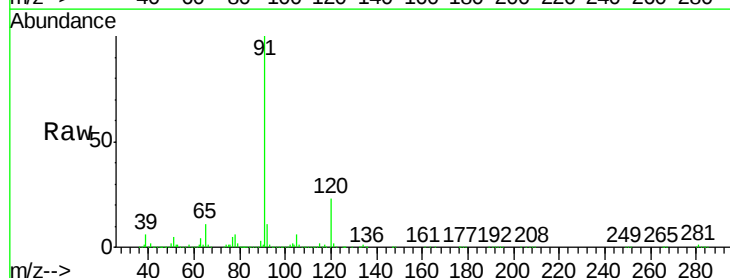
Acq: 30 Jun 2018 09:34

Tgt Ion: 91 Resp: 1081410

Ion Ratio Lower Upper

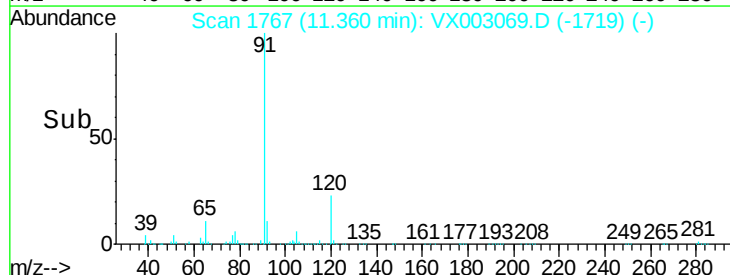
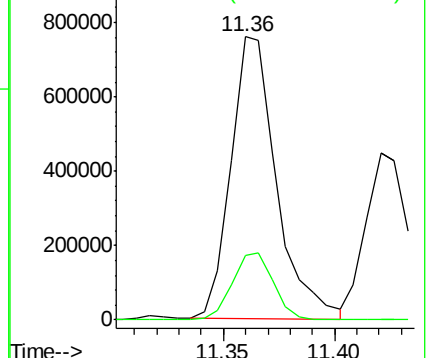
91 100

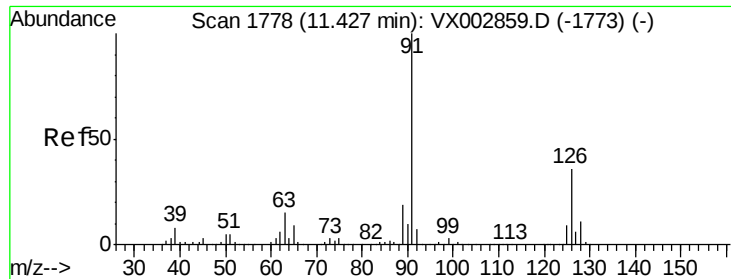
120 21.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

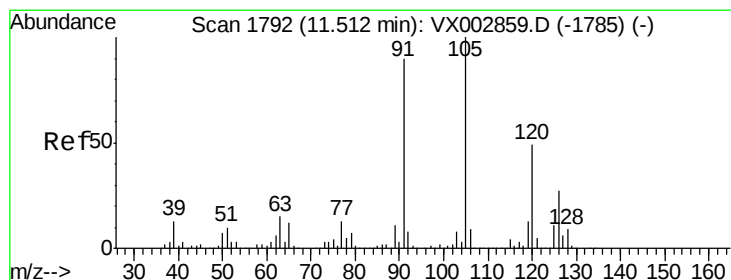
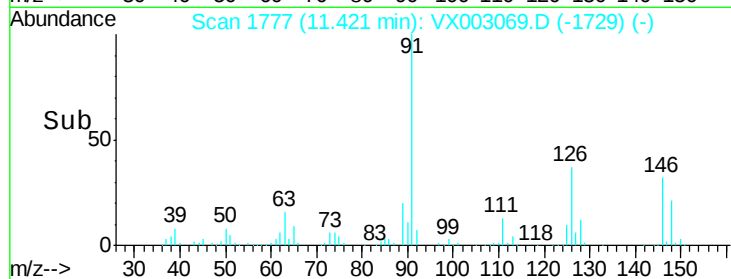
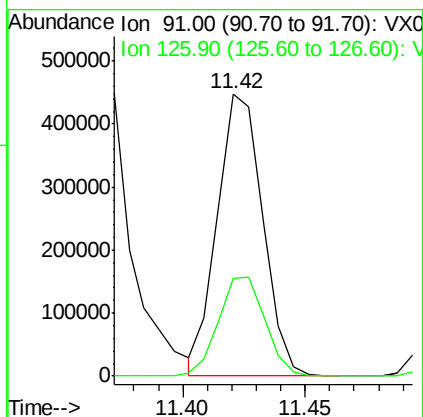
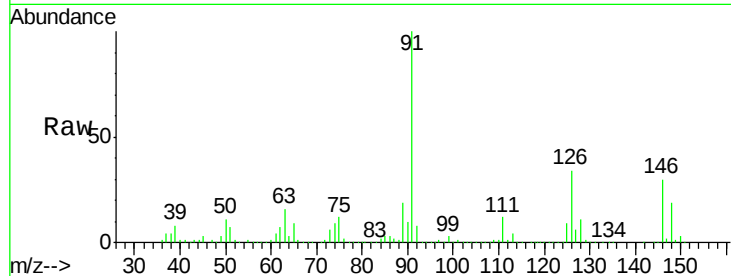




#79
 2-Chlorotoluene
 Concen: 49.82 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

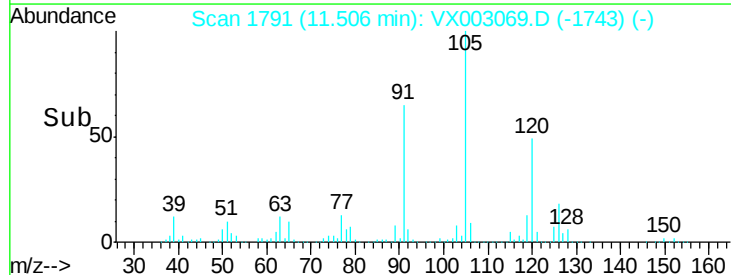
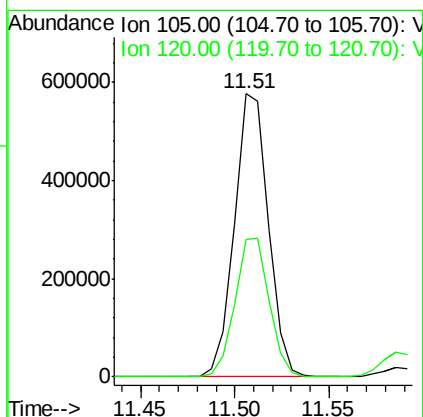
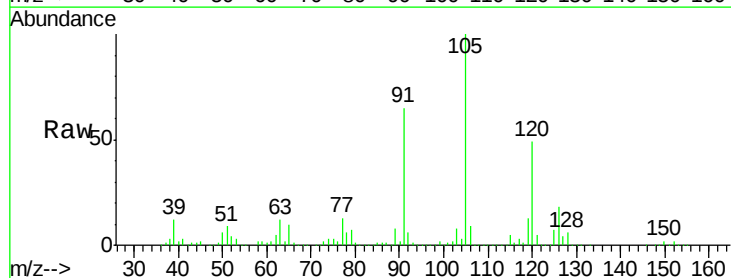
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

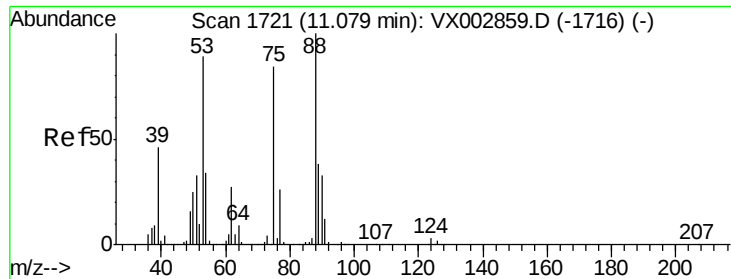
Tot Ion: 91 Resp: 575214
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 50.87 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

Tgt Ion: 105 Resp: 717732
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 40.11 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

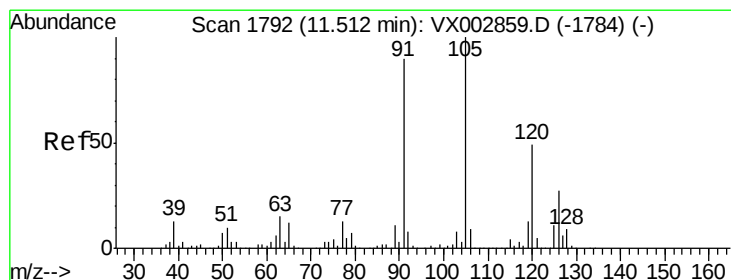
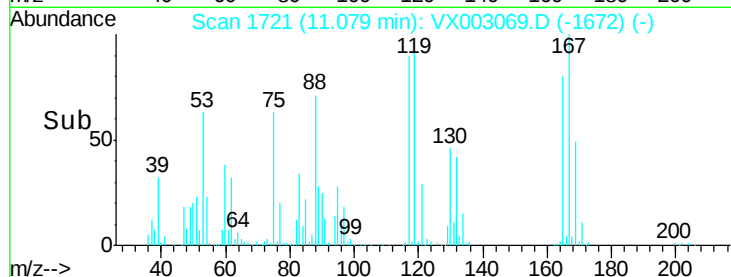
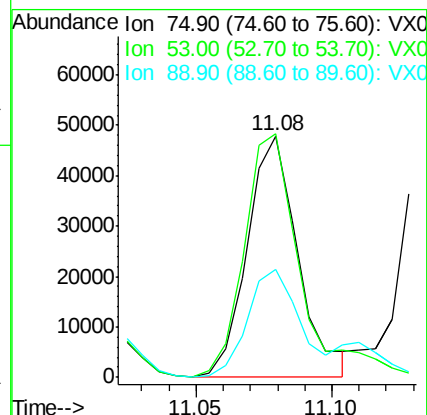
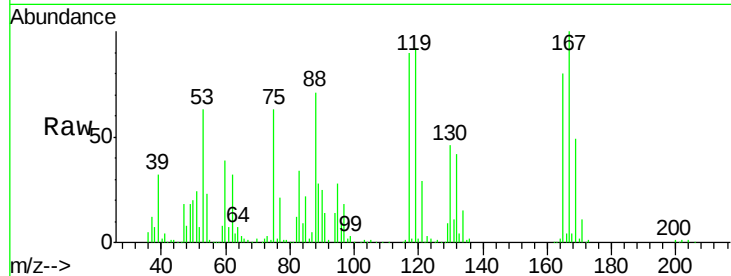
Tot Ion: 75 Resp: 61258

Ion Ratio Lower Upper

75 100

53 112.1 86.8 130.2

89 46.1 38.2 57.2



#82

4-Chlorotoluene

Concen: 49.23 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003069.D

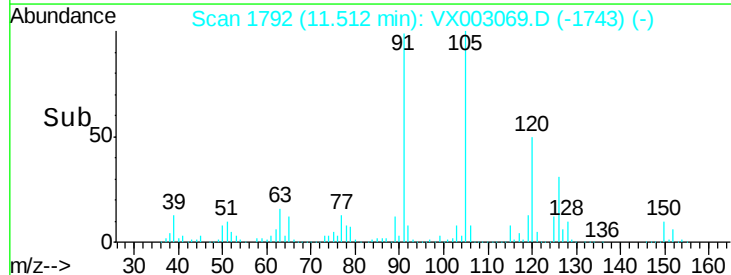
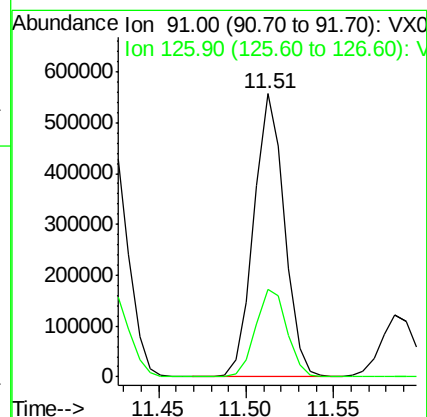
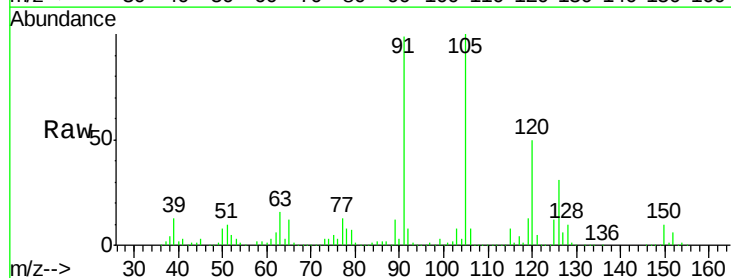
Acq: 30 Jun 2018 09:34

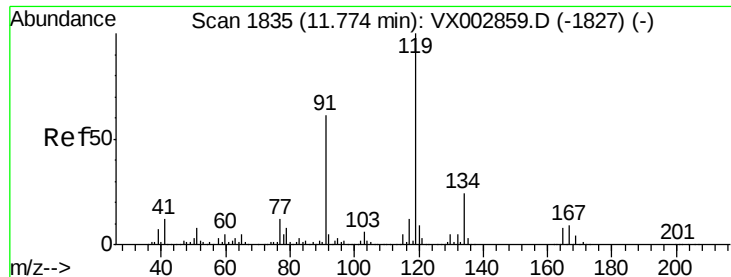
Tgt Ion: 91 Resp: 672877

Ion Ratio Lower Upper

91 100

126 32.1 15.4 46.4

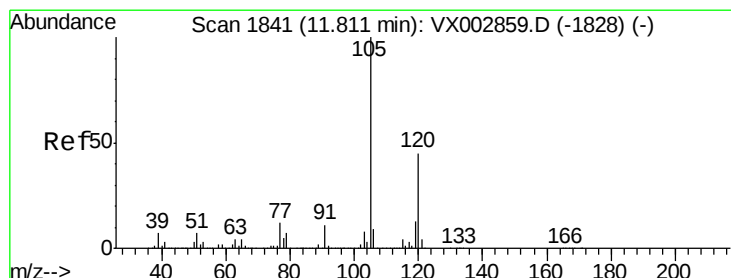
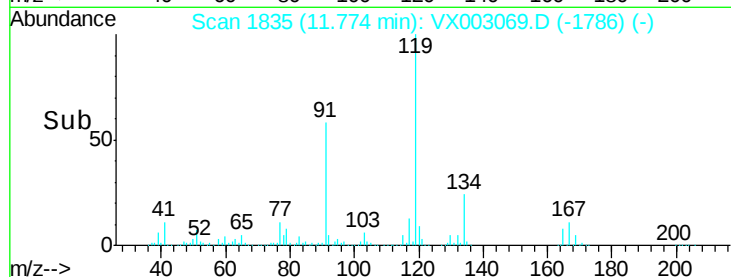
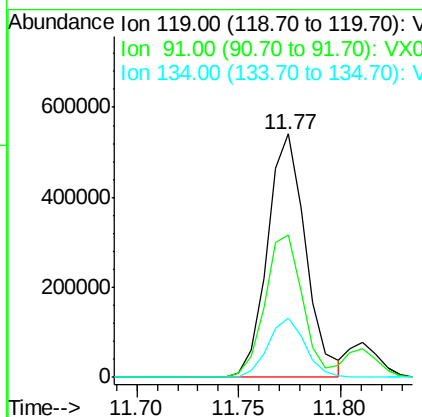
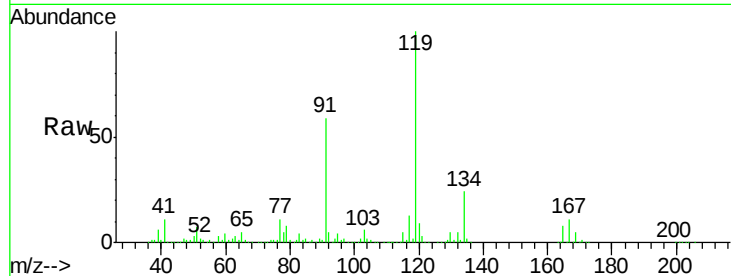




#83
 tert-Butylbenzene
 Concen: 50.76 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

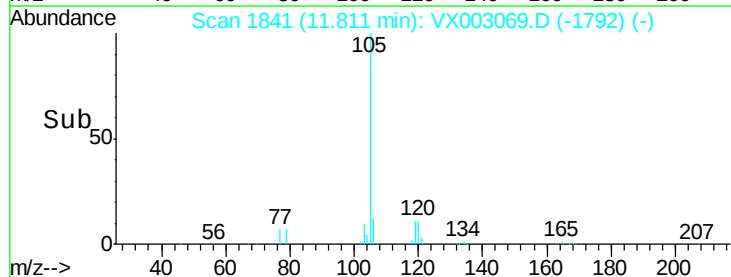
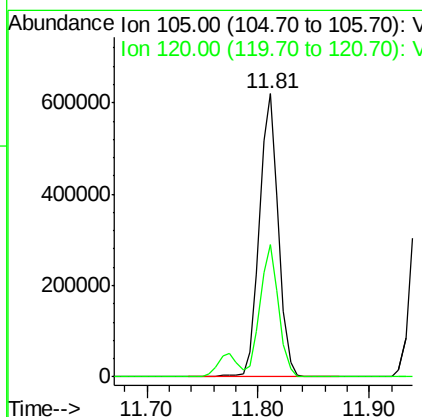
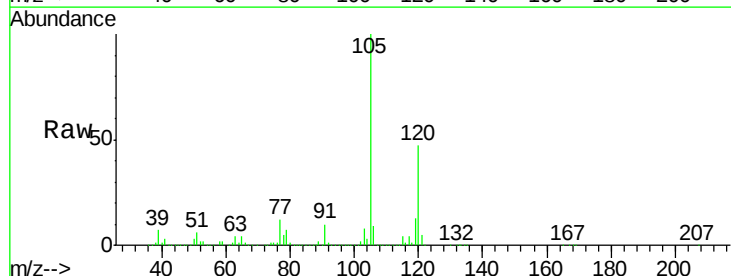
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

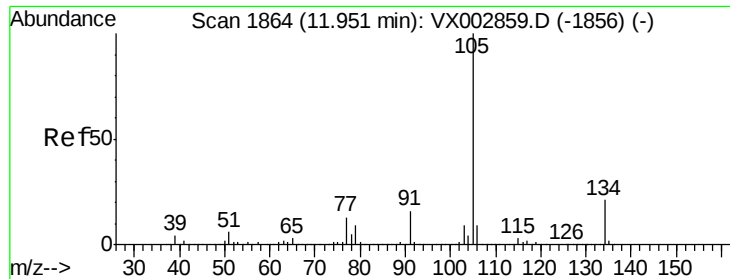
Tot Ion:119 Resp: 705907
 Ion Ratio Lower Upper
 119 100
 91 57.2 30.3 90.9
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.48 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

Tgt Ion:105 Resp: 738070
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.8





#85

sec-Butylbenzene

Concen: 49.51 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

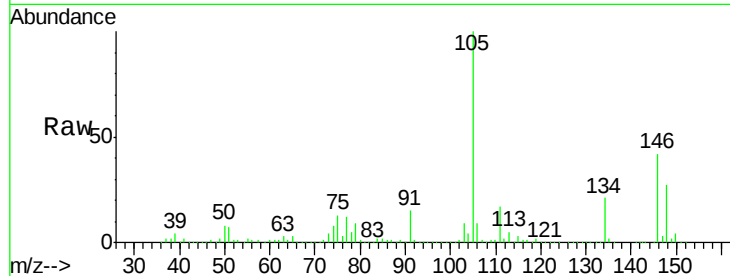
VSTDCCC050EC

Tot Ion:105 Resp: 835285

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

800000

600000

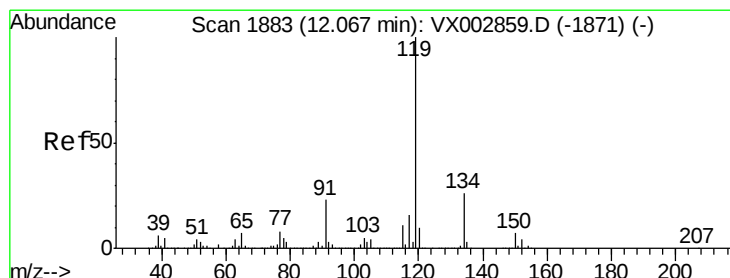
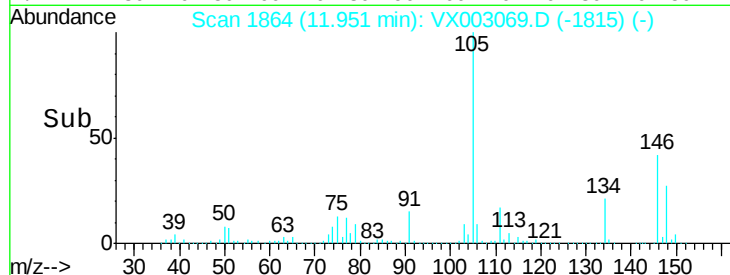
400000

200000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 50.79 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

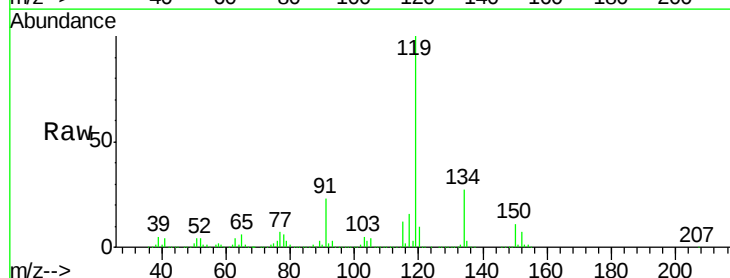
Tgt Ion:119 Resp: 770376

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 20.2 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

800000

600000

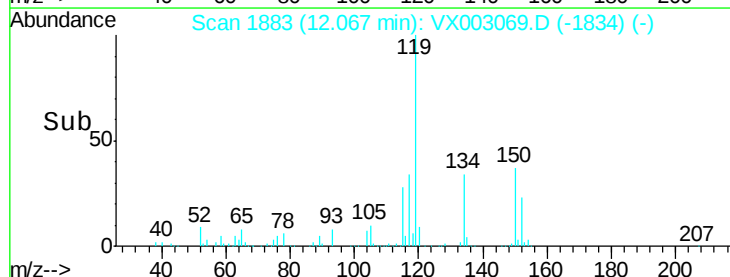
400000

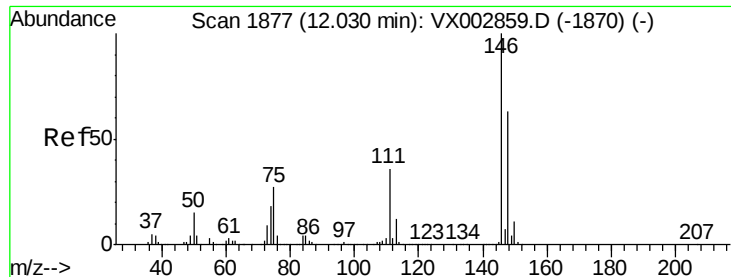
200000

0

11.90 12.00 12.10 12.20

Time-->





#87

1,3-Dichlorobenzene

Concen: 50.10 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

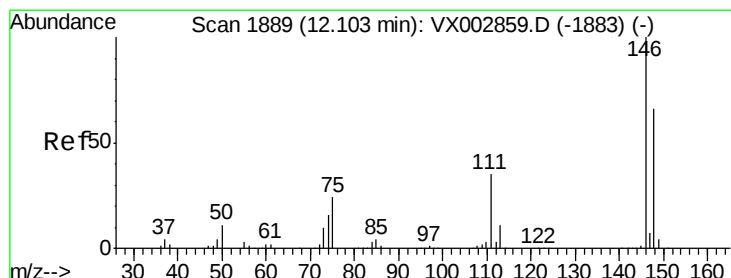
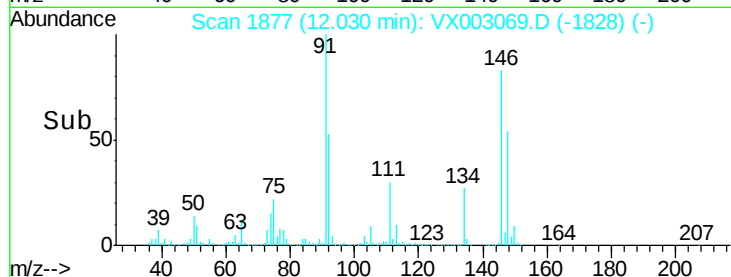
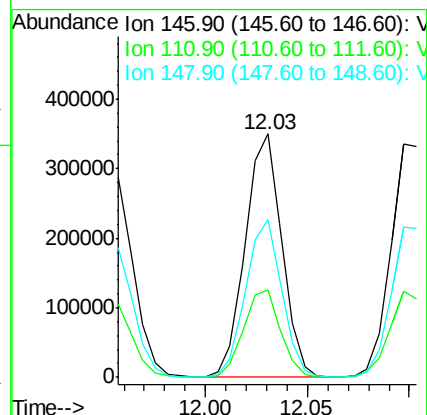
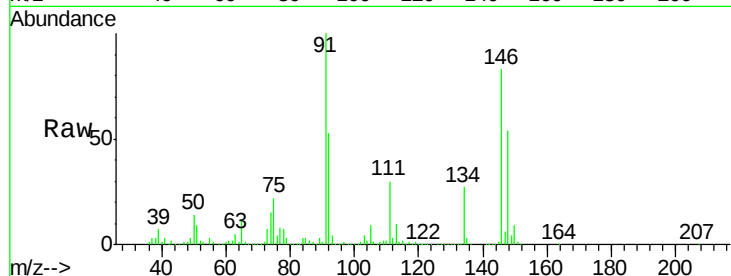
Tot Ion:146 Resp: 436588

Ion Ratio Lower Upper

146 100

111 36.5 18.9 56.7

148 64.1 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 48.78 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

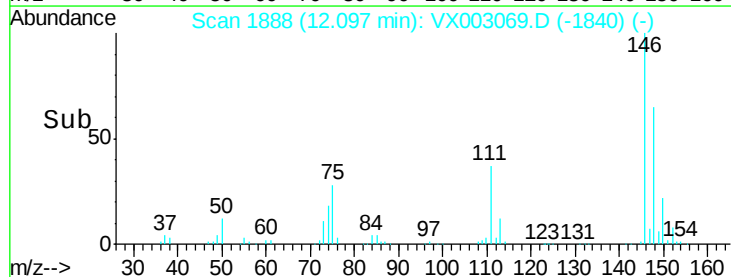
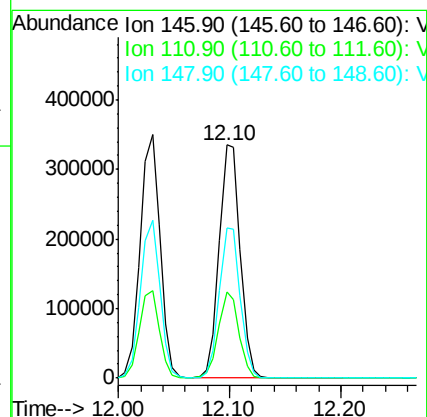
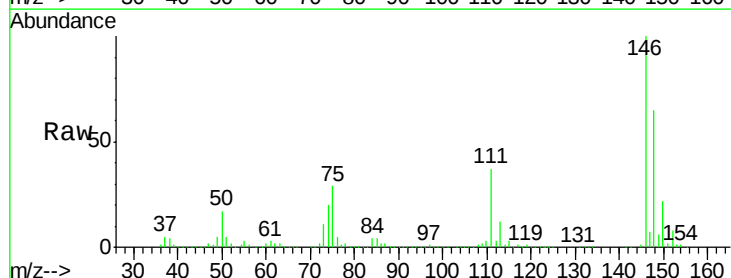
Tgt Ion:146 Resp: 437400

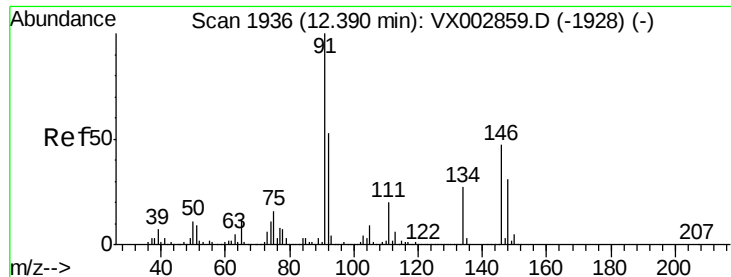
Ion Ratio Lower Upper

146 100

111 36.1 18.7 56.1

148 64.5 32.4 97.0





#89

n-Butylbenzene

Concen: 47.48 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

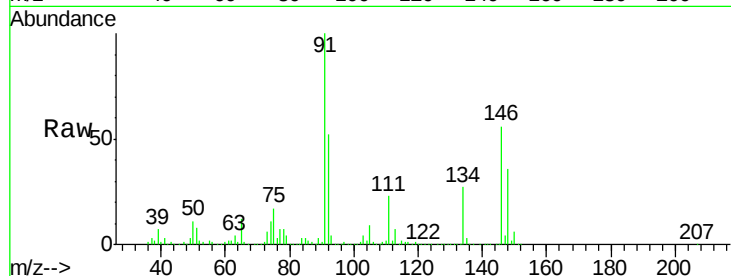
Tot Ion: 91 Resp: 626781

Ion Ratio Lower Upper

91 100

92 52.2 26.0 78.0

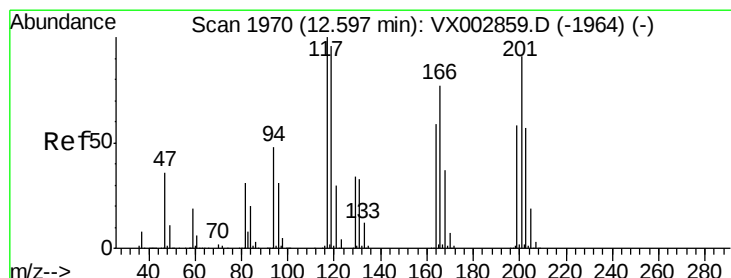
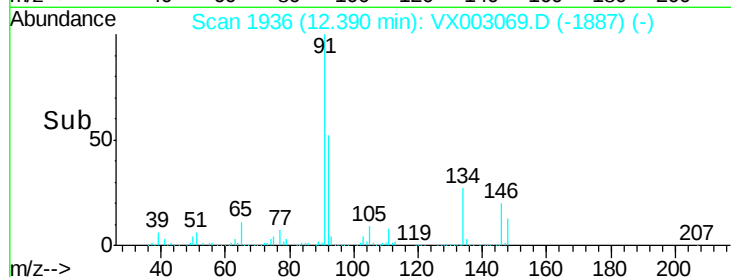
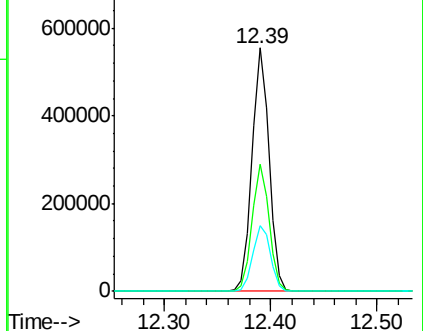
134 27.9 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1928) (-)

Ion 92.00 (91.70 to 92.70): VX002859.D (-1928) (-)

Ion 134.00 (133.70 to 134.70): VX002859.D (-1928) (-)



#90

Hexachloroethane

Concen: 49.55 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003069.D

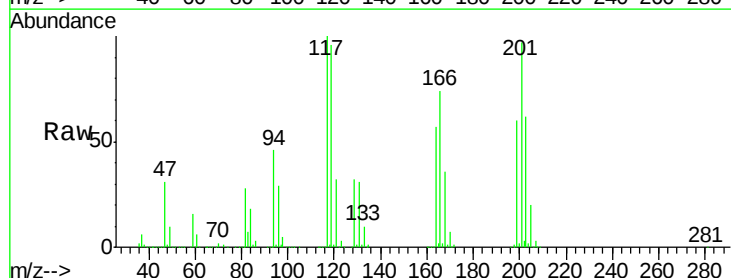
Acq: 30 Jun 2018 09:34

Tgt Ion: 117 Resp: 111795

Ion Ratio Lower Upper

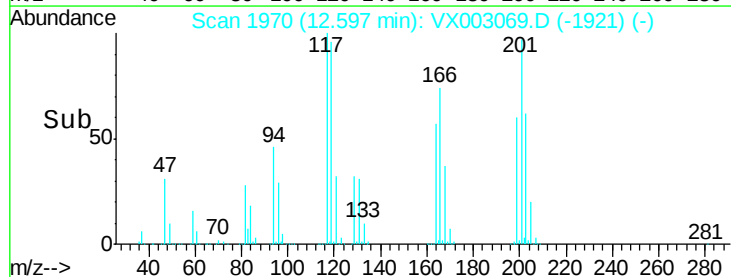
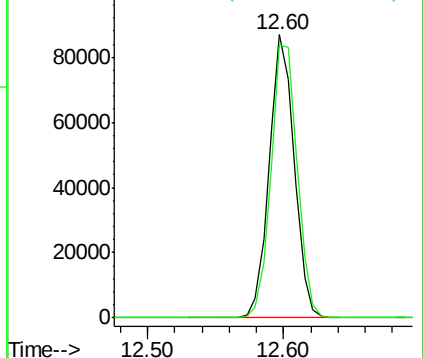
117 100

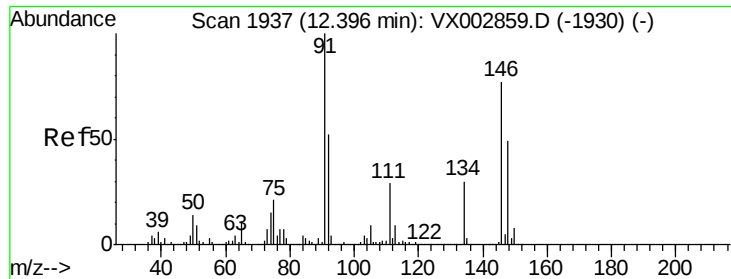
201 101.3 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002859.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX002859.D (-1964) (-)





#91

1,2-Dichlorobenzene

Concen: 49.51 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

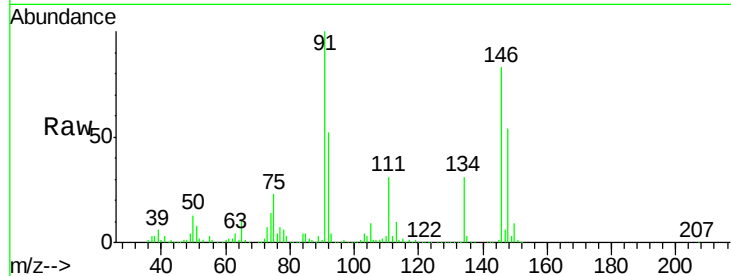
Tot Ion:146 Resp: 435408

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.1

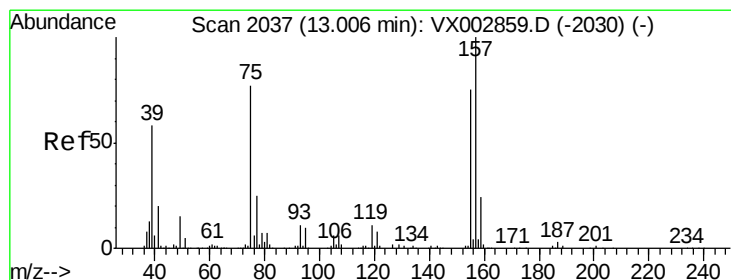
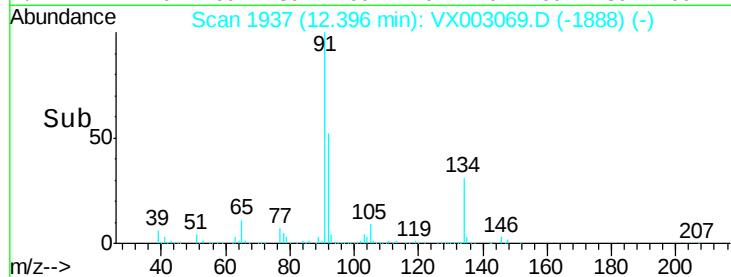
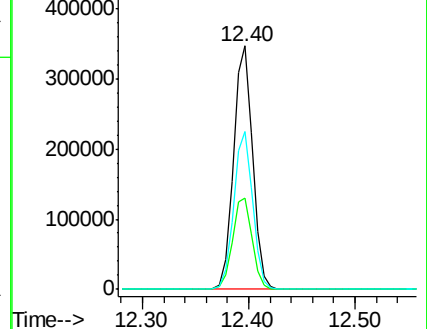
148 64.5 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.02 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

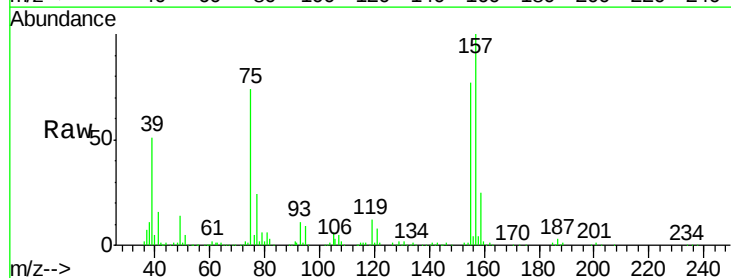
Tgt Ion: 75 Resp: 61507

Ion Ratio Lower Upper

75 100

155 96.1 45.8 137.4

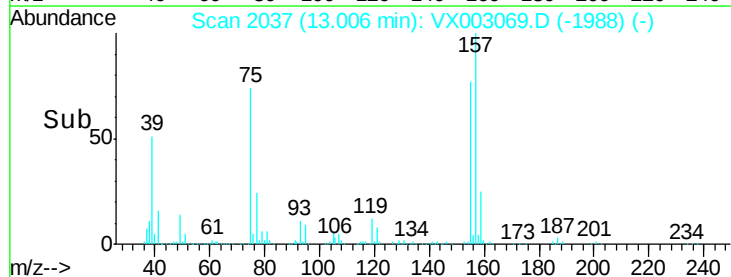
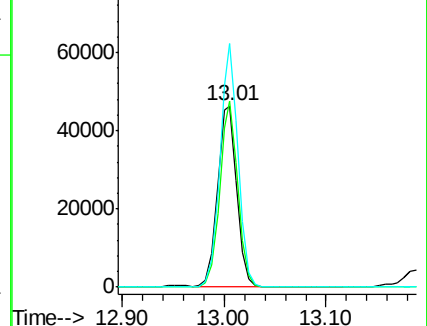
157 125.0 60.1 180.3

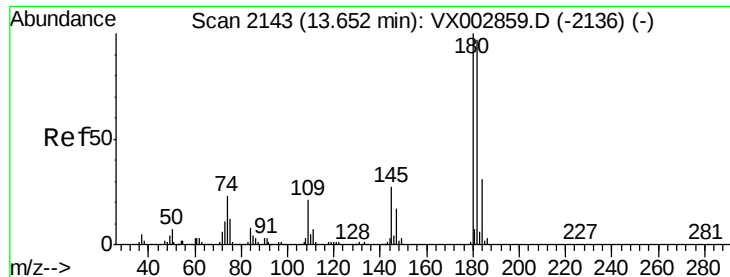


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

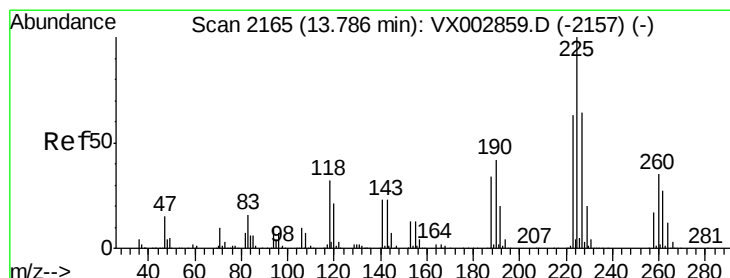
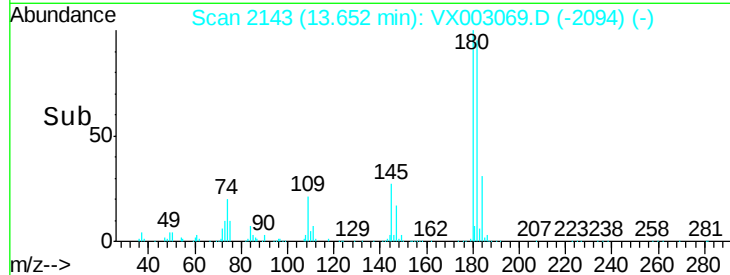
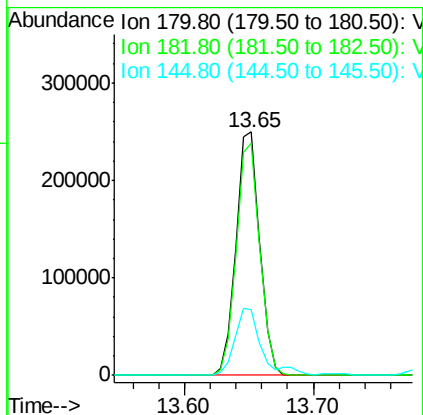
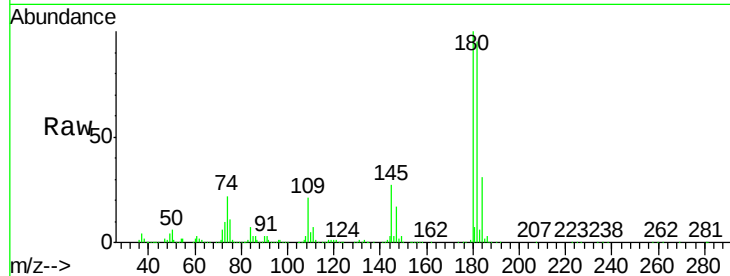




#93
 1,2,4-Trichlorobenzene
 Concen: 49.87 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

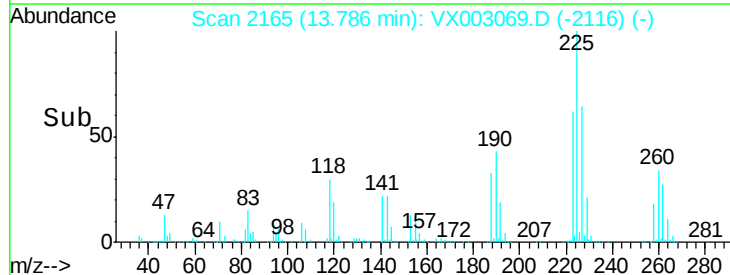
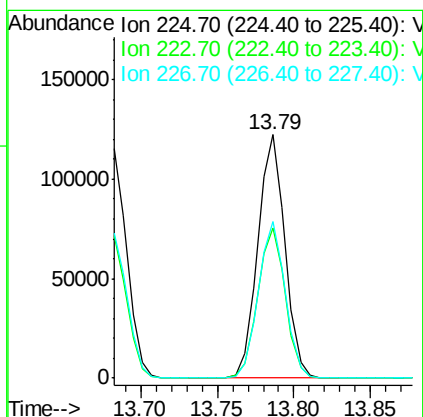
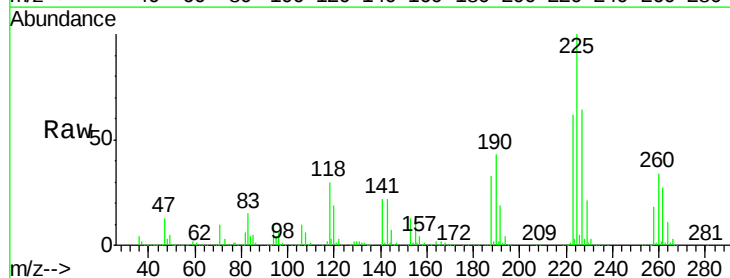
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

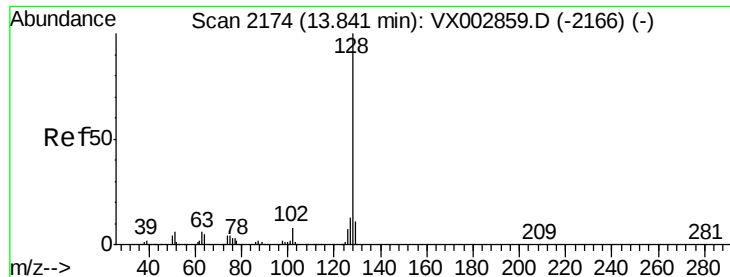
Tot Ion:180 Resp: 319180
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.7 143.1
 145 30.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 47.34 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003069.D
 Acq: 30 Jun 2018 09:34

Tgt Ion:225 Resp: 151142
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 95.0
 227 63.8 32.4 97.2





#95

Naphthalene

Concen: 54.83 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

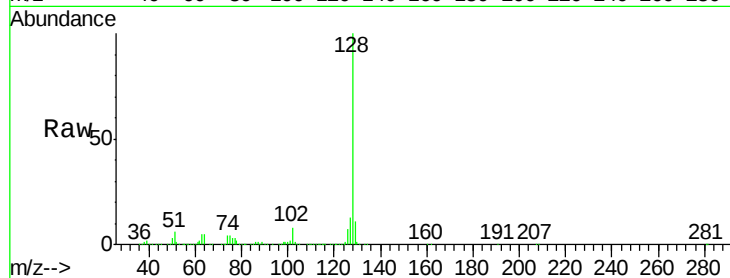
Tot Ion:128 Resp: 934813

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

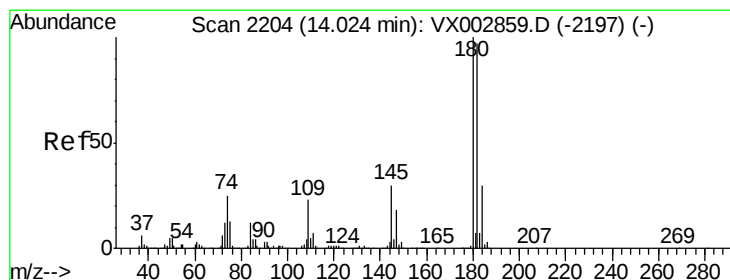
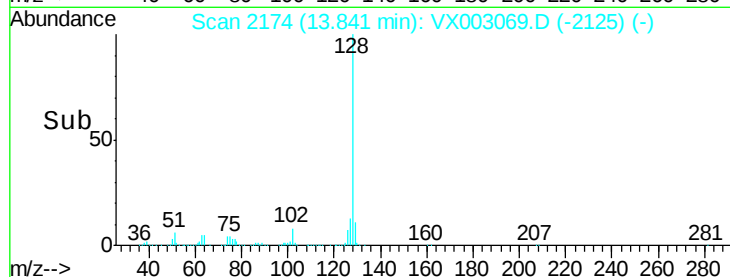
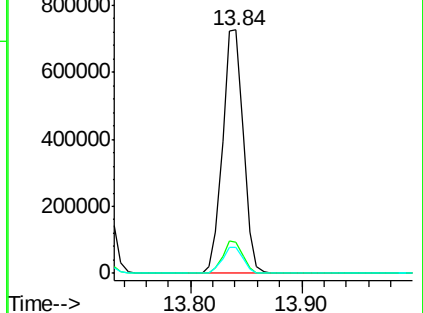
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.77 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003069.D

Acq: 30 Jun 2018 09:34

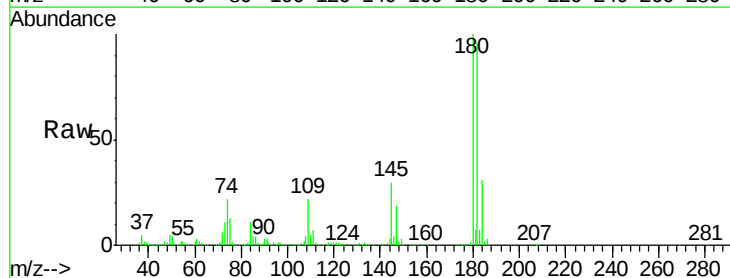
Tgt Ion:180 Resp: 324568

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.0

145 30.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

