

Data File : VX000529.D

Acq On : 29 Mar 2018 22:22

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 30 06:59:06 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	131485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	213144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	228622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151220	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	83993	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	5.51	113	67053	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	8.73	98	269970	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
62) 4-Bromofluorobenzene	11.15	95	115314	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59518	41.07	ug/l	98
3) Chloromethane	1.32	50	58405	38.26	ug/l	97
4) Vinyl Chloride	1.40	62	75166	46.60	ug/l	100
5) Bromomethane	1.64	94	113826	58.93	ug/l	96
6) Chloroethane	1.72	64	58214	59.31	ug/l	99
7) Trichlorofluoromethane	1.93	101	151104	51.90	ug/l	98
8) Diethyl Ether	2.19	74	53816	51.72	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	80639	49.67	ug/l	98
10) Methyl Iodide	2.51	142	65472	41.50	ug/l	97
11) Tert butyl alcohol	3.09	59	159653	270.42	ug/l	100
12) 1,1-Dichloroethene	2.38	96	74184	52.05	ug/l	99
13) Acrolein	2.30	56	44091	234.84	ug/l	99
14) Allyl chloride	2.73	41	135240	53.74	ug/l	98
15) Acrylonitrile	3.16	53	316427	264.63	ug/l	99
16) Acetone	2.45	43	309413	216.71	ug/l	98
17) Carbon Disulfide	2.57	76	177878	46.92	ug/l	100
18) Methyl Acetate	2.79	43	163049	54.47	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	286601	54.37	ug/l	98
20) Methylene Chloride	2.86	84	83087	50.38	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	82691	52.01	ug/l	97
22) Diisopropyl ether	3.89	45	191974	43.09	ug/l	93
23) Vinyl Acetate	3.84	43	884317	209.38	ug/l	100
24) 1,1-Dichloroethane	3.70	63	102256	36.51	ug/l	98
25) 2-Butanone	4.72	43	352367	219.56	ug/l	99
26) 2,2-Dichloropropane	4.60	77	80469	40.99	ug/l	97
27) cis-1,2-Dichloroethene	4.61	96	67515	45.44	ug/l	97
28) Bromochloromethane	5.03	49	76751	66.45	ug/l	99
29) Tetrahydrofuran	5.18	42	230900	233.84	ug/l	99
30) Chloroform	5.23	83	130508	49.71	ug/l	99
31) Cyclohexane	5.59	56	97036	44.81	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	114750	48.45	ug/l	98
36) 1,1-Dichloropropene	5.81	75	90157	45.16	ug/l	98
37) Ethyl Acetate	4.87	43	123658	45.34	ug/l	100
38) Carbon Tetrachloride	5.79	117	98011	46.79	ug/l	96

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 30 06:59:06 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	111427	45.89	ug/l	98
40) Benzene	6.15	78	277251	47.82	ug/l	99
41) Methacrylonitrile	5.07	41	65199	45.35	ug/l	97
42) 1,2-Dichloroethane	6.21	62	109459	48.12	ug/l	99
43) Isopropyl Acetate	6.48	43	197475	48.64	ug/l	99
44) Trichloroethene	7.22	130	77123	46.43	ug/l	96
45) 1,2-Dichloropropane	7.52	63	74456	50.17	ug/l	100
46) Dibromomethane	7.67	93	54555	46.83	ug/l	96
47) Bromodichloromethane	7.91	83	103263	50.38	ug/l	99
48) Methyl methacrylate	7.79	41	97987	49.72	ug/l	99
49) 1,4-Dioxane	7.77	88	44061	1063.57	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	789345	251.20	ug/l	99
52) Toluene	8.79	92	200391	49.44	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	116495	49.05	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	117653	51.07	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	82450	49.46	ug/l	95
56) Ethyl methacrylate	9.19	69	127300	50.40	ug/l	99
57) 1,3-Dichloropropane	9.38	76	132917	49.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	236218	194.86	ug/l	99
59) 2-Hexanone	9.51	43	657309	246.35	ug/l	99
60) Dibromochloromethane	9.59	129	89509	45.76	ug/l	98
61) 1,2-Dibromoethane	9.68	107	92879	51.96	ug/l	98
64) Tetrachloroethene	9.34	164	77017	43.41	ug/l	97
65) Chlorobenzene	10.15	112	236863	46.55	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	82170	47.55	ug/l	98
67) Ethyl Benzene	10.26	91	408762	47.39	ug/l	99
68) m/p-Xylenes	10.37	106	337295	99.38	ug/l	98
69) o-Xylene	10.71	106	162120	49.34	ug/l	100
70) Styrene	10.72	104	278981	51.31	ug/l	98
71) Bromoform	10.87	173	73694	41.79	ug/l #	97
73) Isopropylbenzene	11.02	105	452489	45.16	ug/l	99
74) N-amyl acetate	6.48	43	197475	44.88	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	163396	46.11	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	183124	56.35	ug/l	84
77) Bromobenzene	11.26	156	113779	42.63	ug/l	97
78) n-propylbenzene	11.37	91	533524	44.66	ug/l	99
79) 2-Chlorotoluene	11.43	91	305849	44.32	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	395166	46.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	43854	43.69	ug/l	98
82) 4-Chlorotoluene	11.52	91	375638	45.58	ug/l	97
83) tert-Butylbenzene	11.78	119	391005	46.02	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	404735	45.82	ug/l	98
85) sec-Butylbenzene	11.96	105	493364	46.93	ug/l	100
86) p-Isopropyltoluene	12.07	119	447564	47.94	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	228079	45.19	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	241113	45.51	ug/l	98
89) n-Butylbenzene	12.40	91	407752	46.90	ug/l	99
90) Hexachloroethane	12.60	117	67903	46.20	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	236077	47.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45963	46.51	ug/l	95

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032918\
Quantitation Report (Not Reviewed)

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Sample : VSTDCCC050
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Quant Time: Mar 30 06:59:06 2018
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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

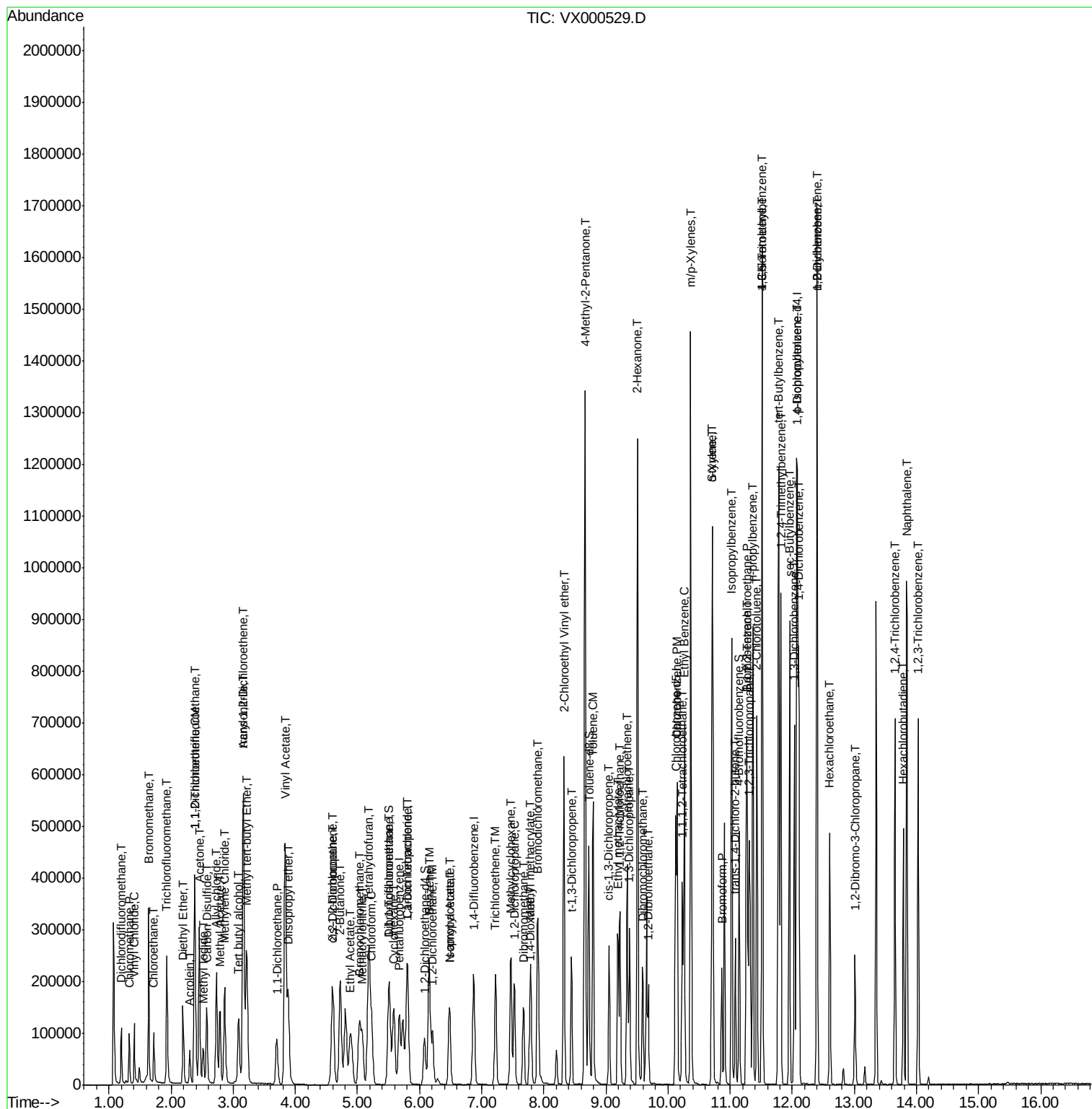
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	162215	45.73	ug/l	99
94) Hexachlorobutadiene	13.79	225	64404	43.85	ug/l	99
95) Naphthalene	13.84	128	594012	48.07	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	164028	46.80	ug/l	98

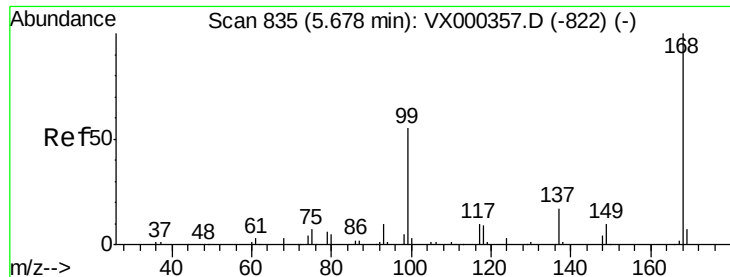
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 25 Sample Multiplier: 1

VSTDCCC050EC

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

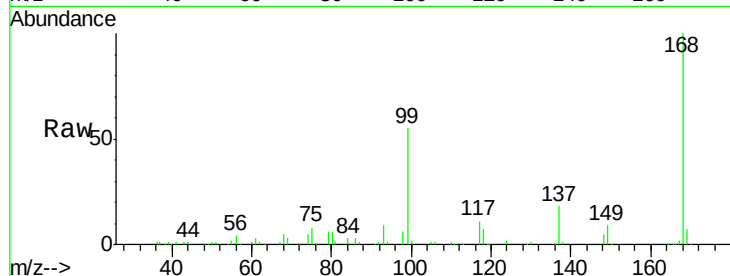
VSTDCCC050EC

Tgt Ion:168 Resp: 131485

Ion Ratio Lower Upper

168 100

99 54.6 45.8 68.6

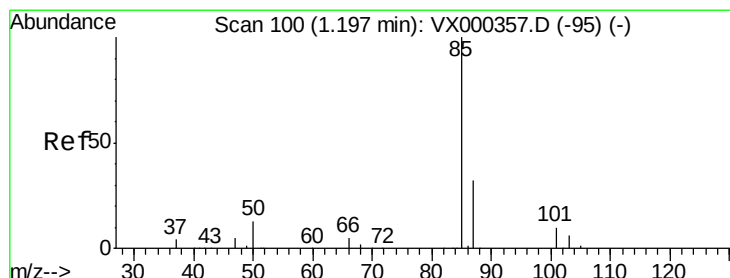
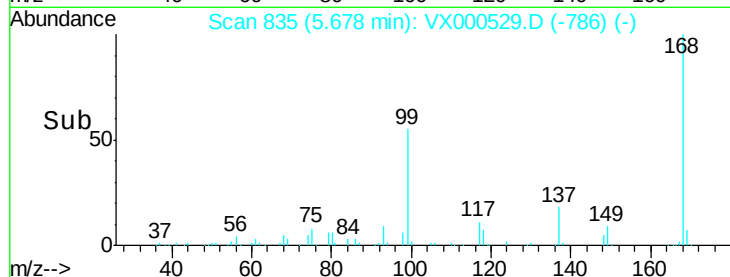


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

Time-->



#2

Dichlorodifluoromethane

Concen: 41.07 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000529.D

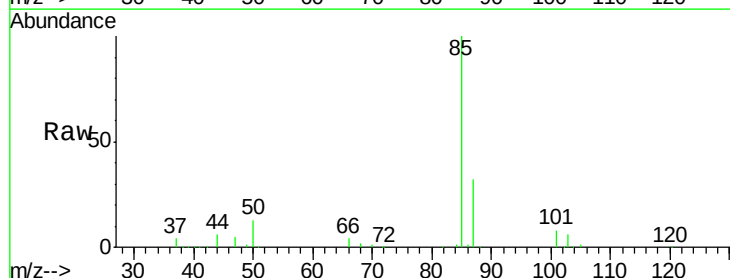
Acq: 29 Mar 2018 22:22

Tgt Ion: 85 Resp: 59518

Ion Ratio Lower Upper

85 100

87 32.5 16.8 50.3

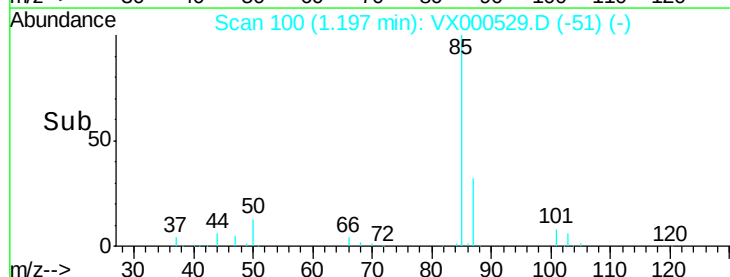


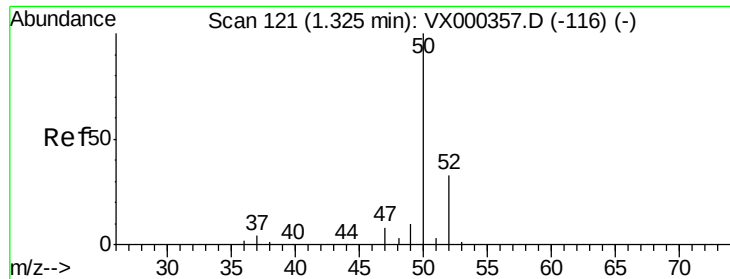
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 38.26 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

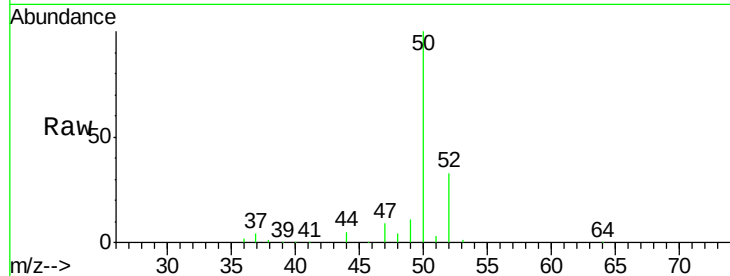
VSTDCCC050EC

Tgt Ion: 50 Resp: 58405

Ion Ratio Lower Upper

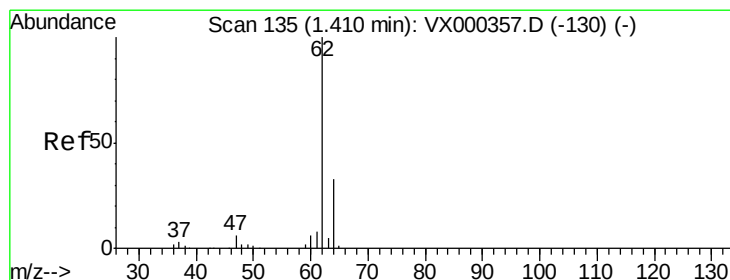
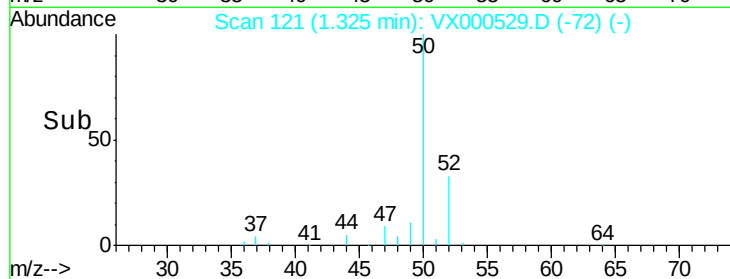
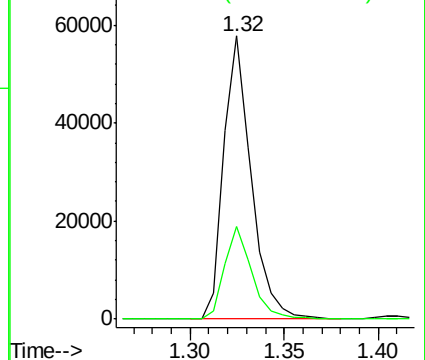
50 100

52 32.9 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.60 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000529.D

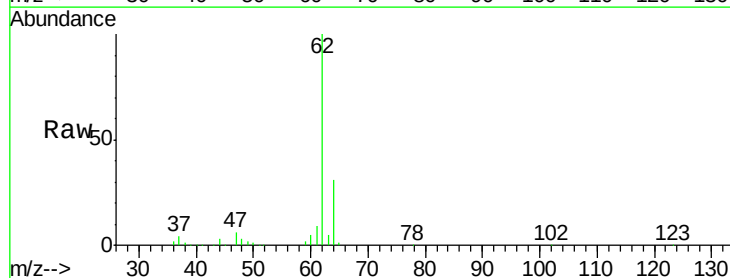
Acq: 29 Mar 2018 22:22

Tgt Ion: 62 Resp: 75166

Ion Ratio Lower Upper

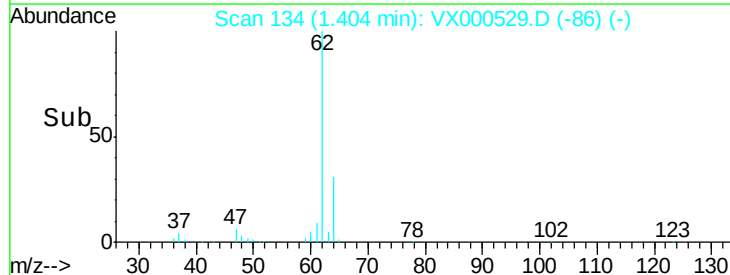
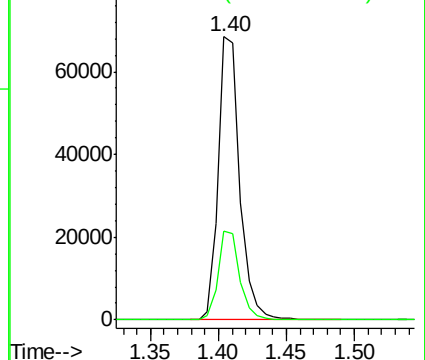
62 100

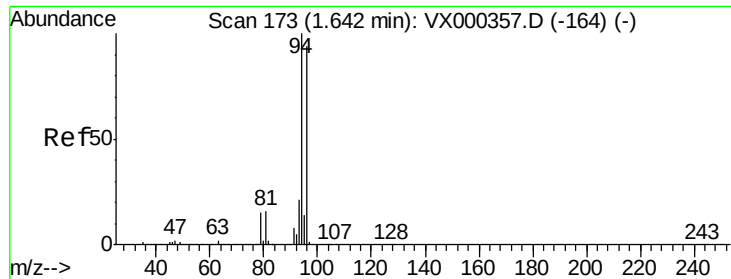
64 31.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 58.93 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

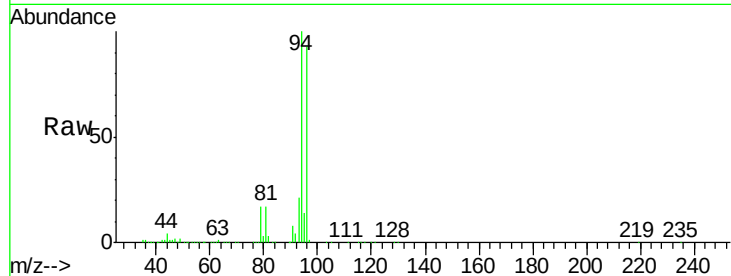
VSTDCCC050EC

Tgt Ion: 94 Resp: 113826

Ion Ratio Lower Upper

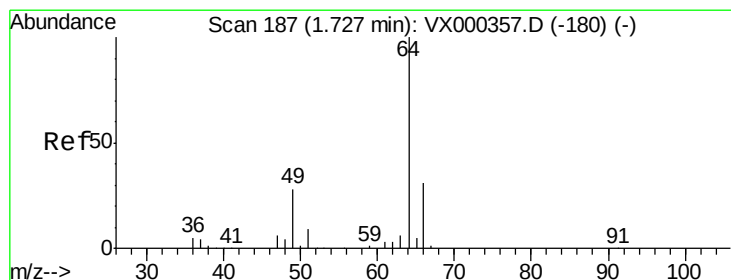
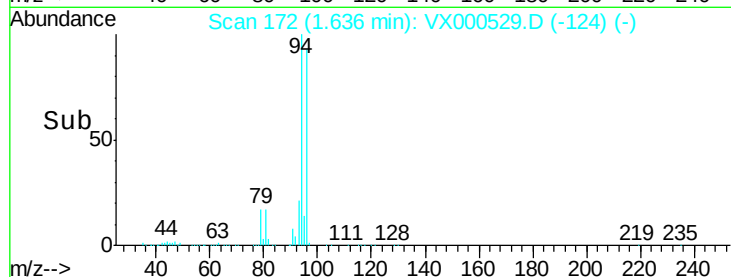
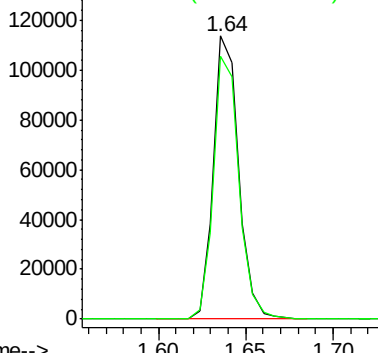
94 100

96 93.1 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 59.31 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000529.D

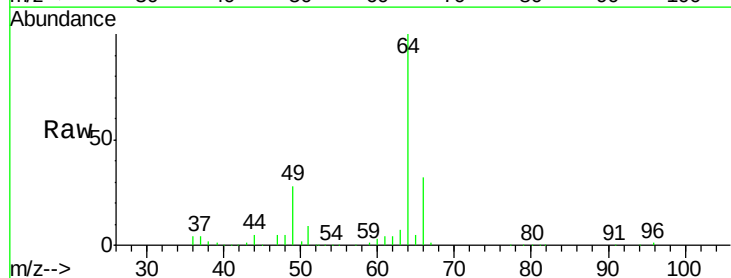
Acq: 29 Mar 2018 22:22

Tgt Ion: 64 Resp: 58214

Ion Ratio Lower Upper

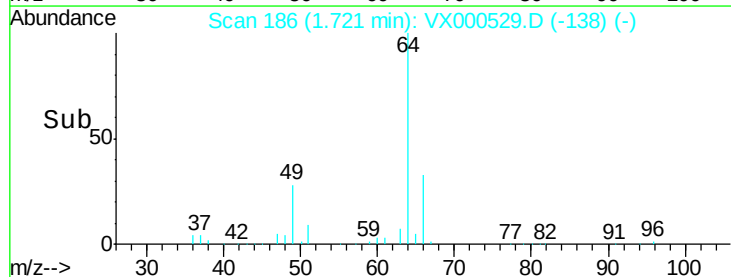
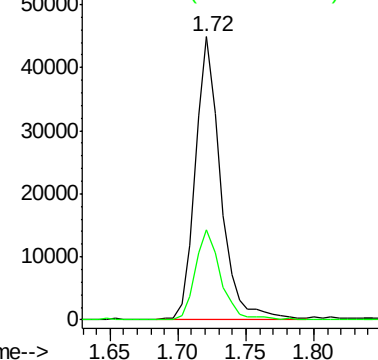
64 100

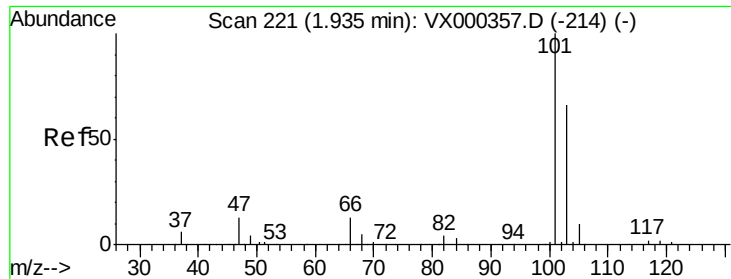
66 31.8 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 51.90 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.01 min

Lab File: VX000529.D

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Instrument :

MSVOA_X

ClientSampleId :

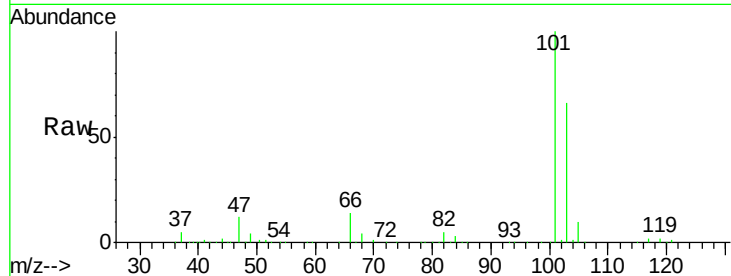
VSTDCCC050EC

Tgt Ion:101 Resp: 151104

Ion Ratio Lower Upper

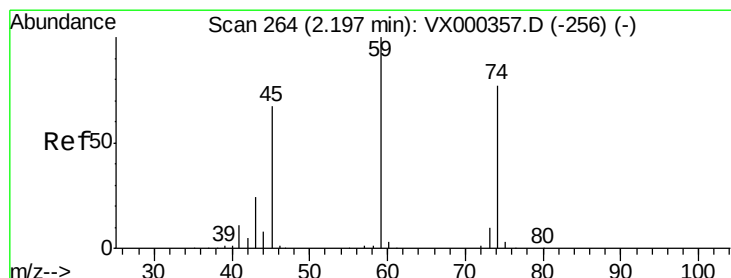
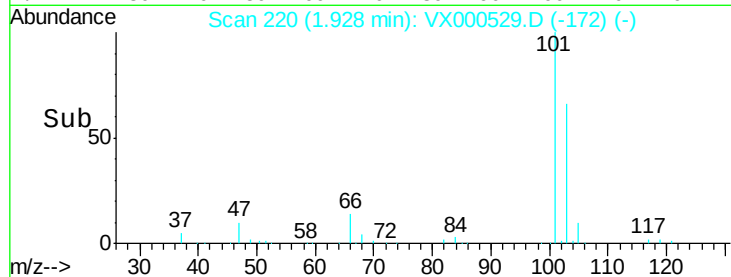
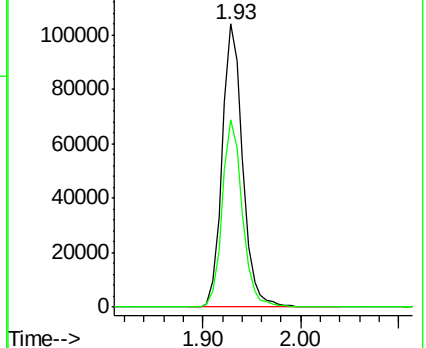
101 100

103 66.3 51.6 77.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 51.72 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX000529.D

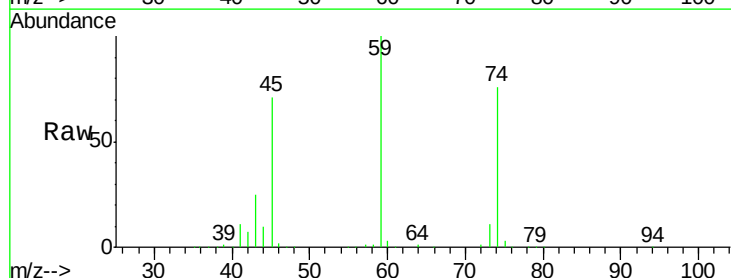
Acq: 29 Mar 2018 22:22

Tgt Ion: 74 Resp: 53816

Ion Ratio Lower Upper

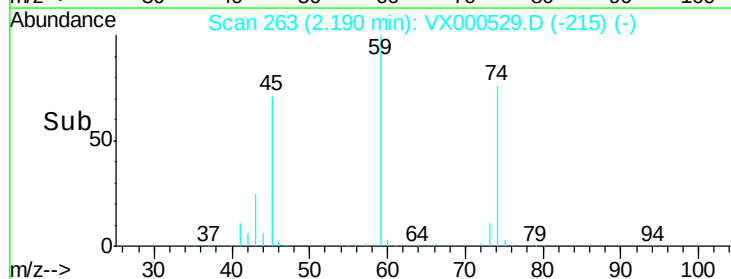
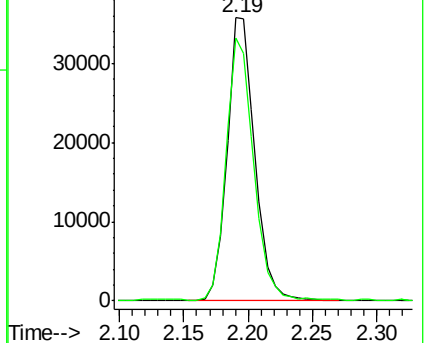
74 100

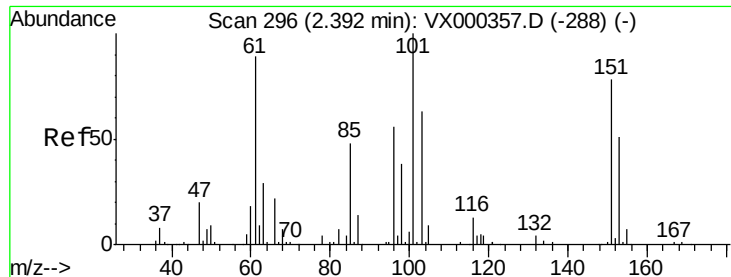
45 92.1 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.67 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

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MSVOA_X

ClientSampleId :

VSTDCCC050EC

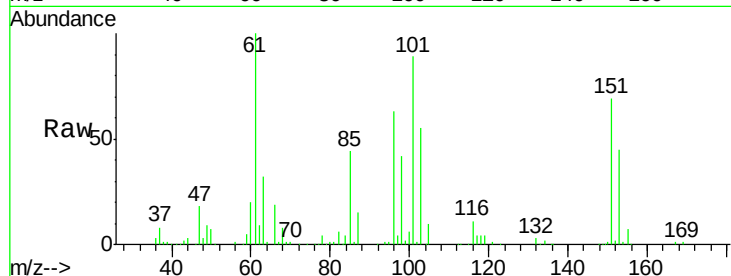
Tgt Ion:101 Resp: 80639

Ion Ratio Lower Upper

101 100

85 49.0 37.6 56.4

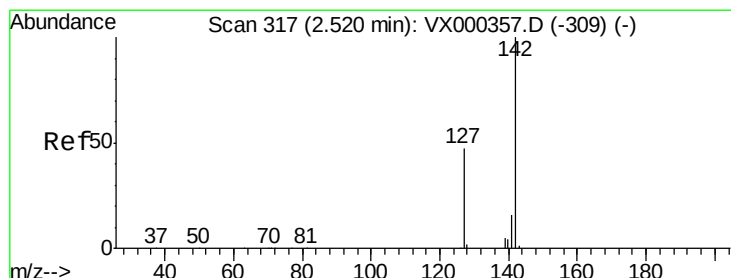
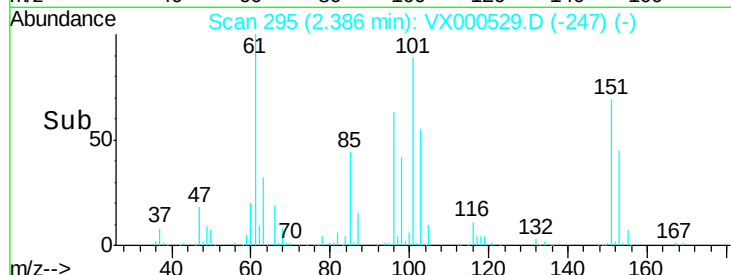
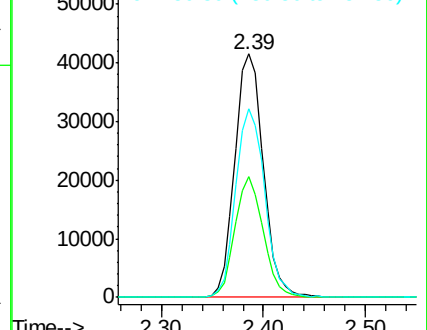
151 78.9 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.50 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

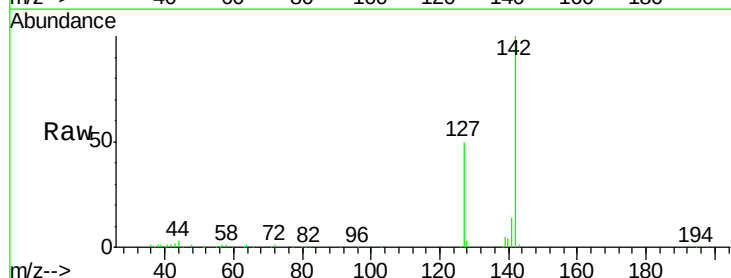
Tgt Ion:142 Resp: 65472

Ion Ratio Lower Upper

142 100

127 51.3 39.2 58.8

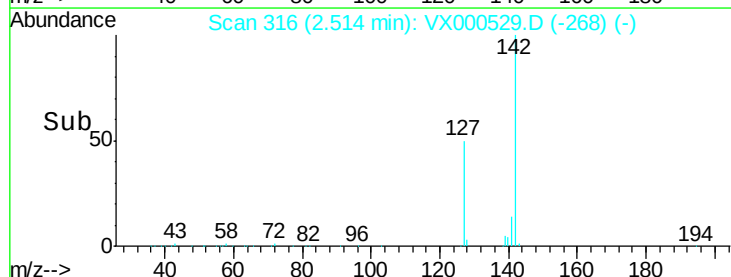
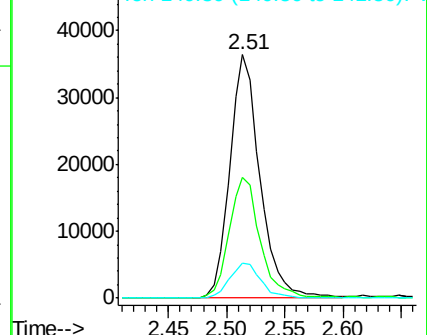
141 14.7 11.7 17.5

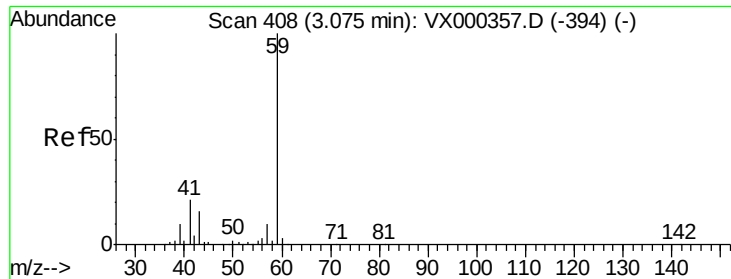


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

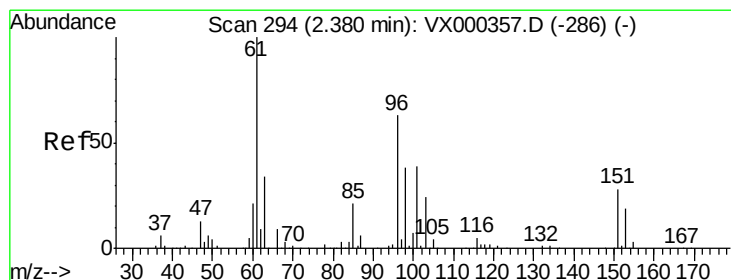
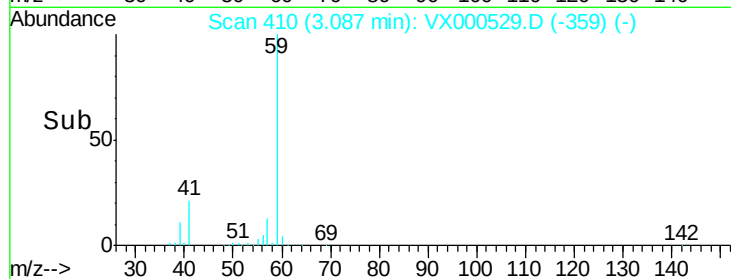
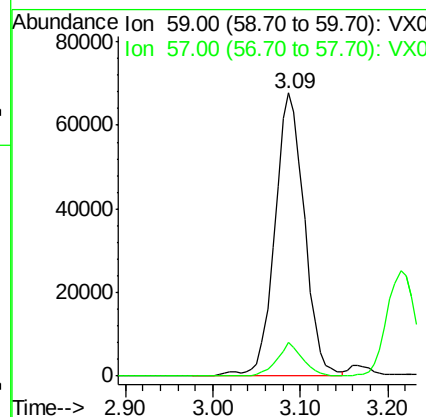
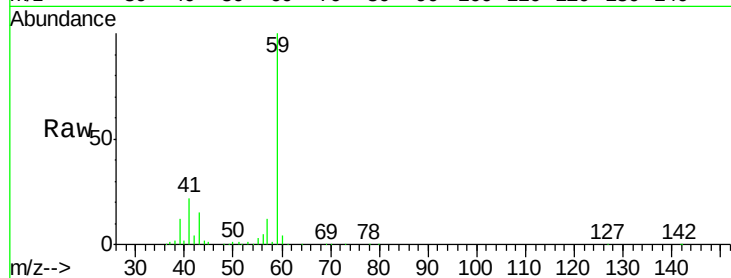




#11
Tert butyl alcohol
Concen: 270.42 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

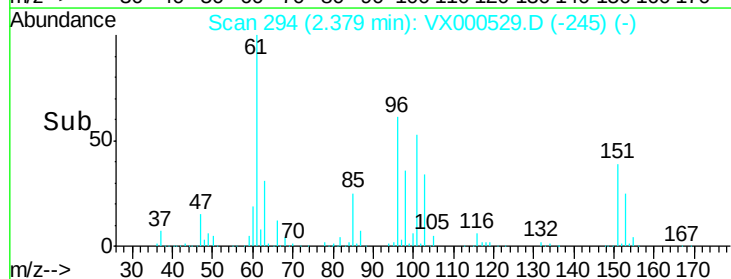
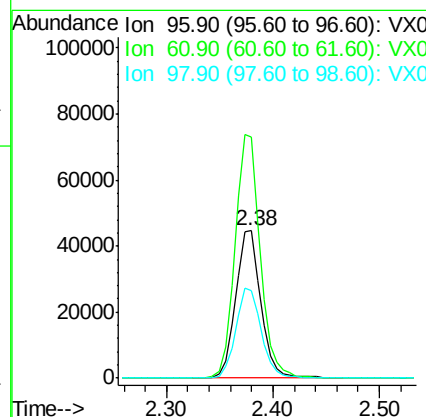
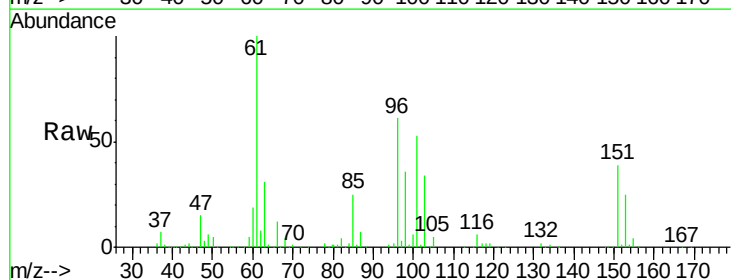
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

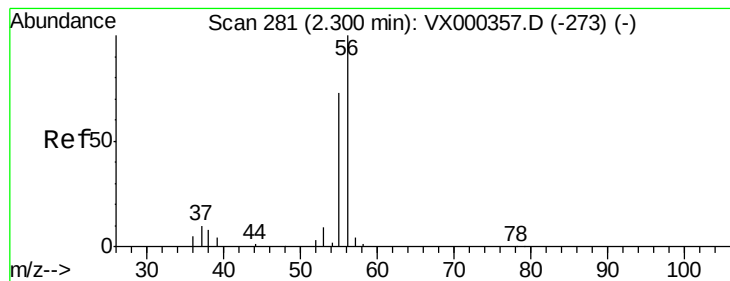
Tgt Ion: 59 Resp: 159653
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 52.05 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion: 96 Resp: 74184
Ion Ratio Lower Upper
96 100
61 163.4 131.2 196.8
98 59.6 49.8 74.8





#13

Acrolein

Concen: 234.84 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

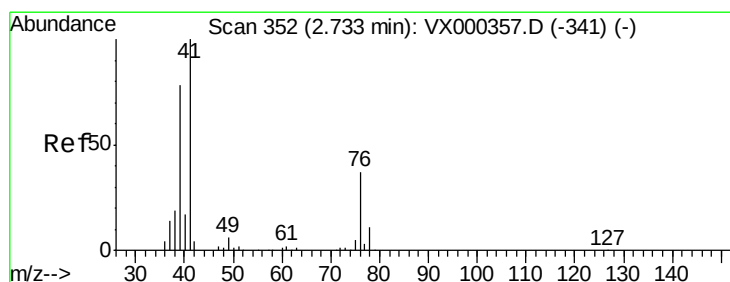
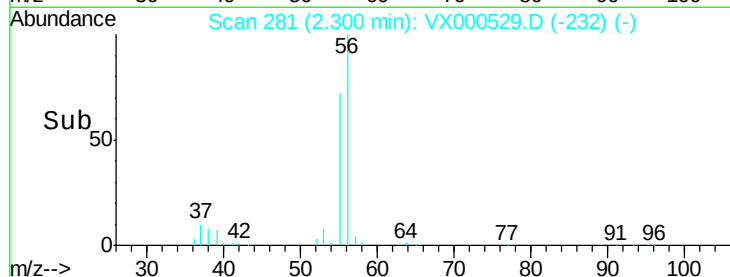
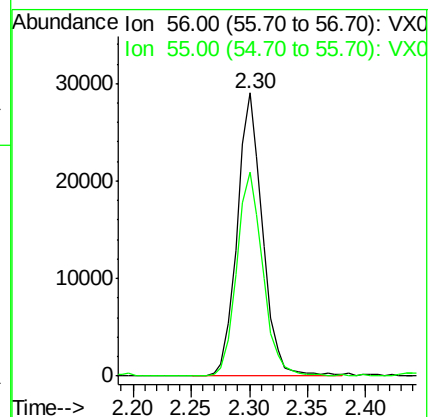
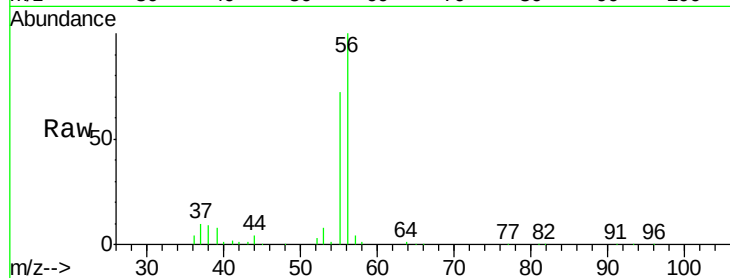
VSTDCCC050EC

Tgt Ion: 56 Resp: 44091

Ion Ratio Lower Upper

56 100

55 74.6 58.8 88.2



#14

Allyl chloride

Concen: 53.74 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

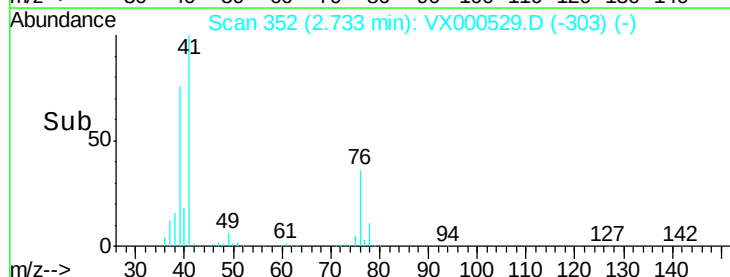
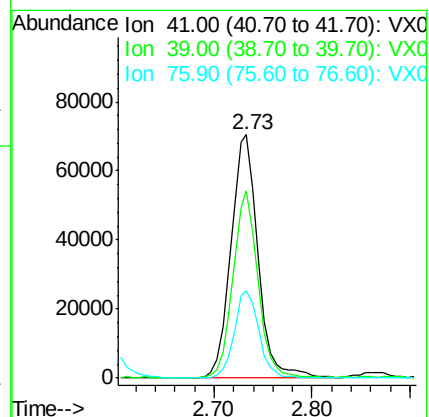
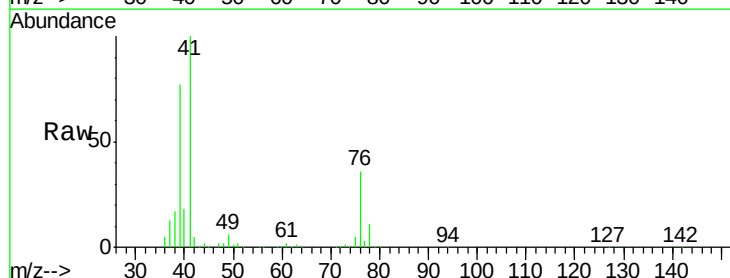
Tgt Ion: 41 Resp: 135240

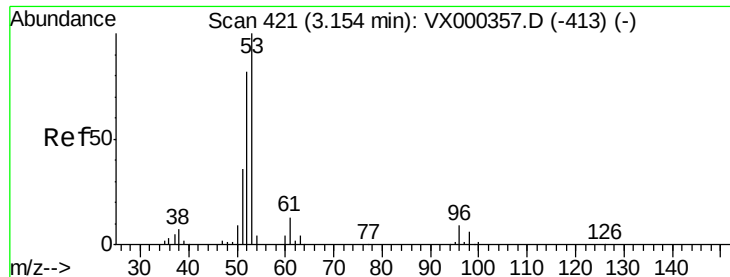
Ion Ratio Lower Upper

41 100

39 69.9 57.6 86.4

76 32.8 27.3 40.9





#15

Acrylonitrile

Concen: 264.63 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

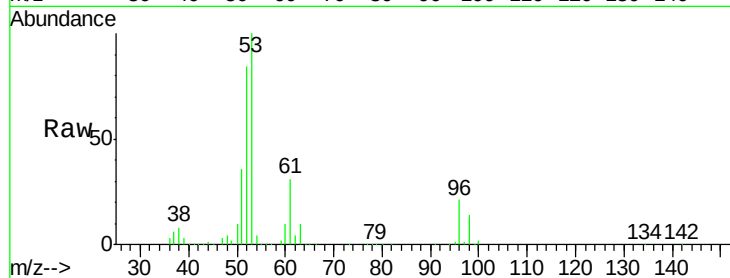
Tgt Ion: 53 Resp: 316427

Ion Ratio Lower Upper

53 100

52 82.0 66.6 99.8

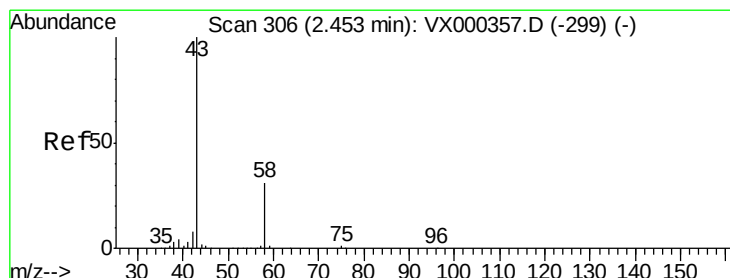
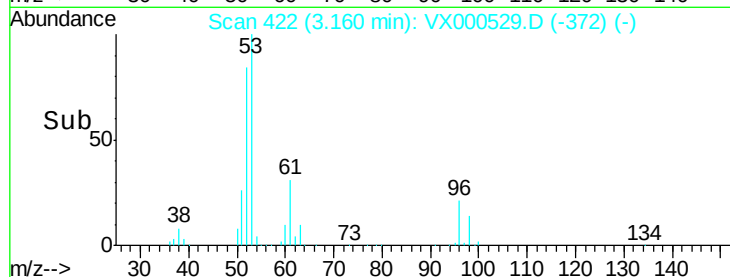
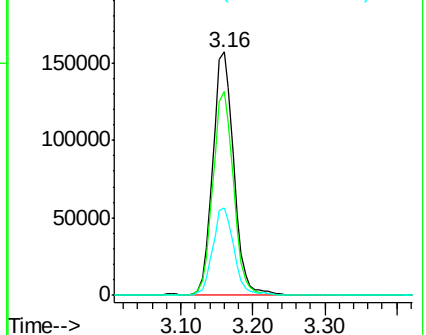
51 36.2 29.3 43.9



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: 216.71 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000529.D

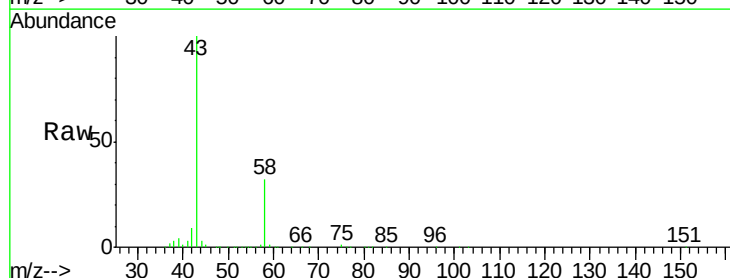
Acq: 29 Mar 2018 22:22

Tgt Ion: 43 Resp: 309413

Ion Ratio Lower Upper

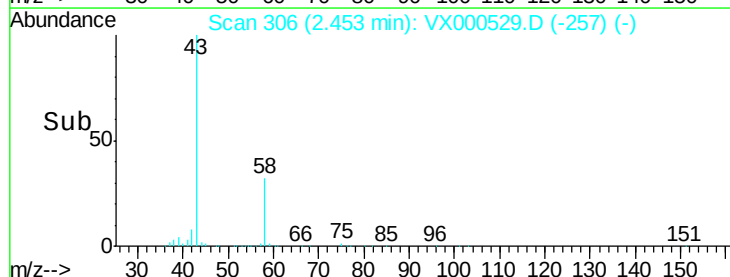
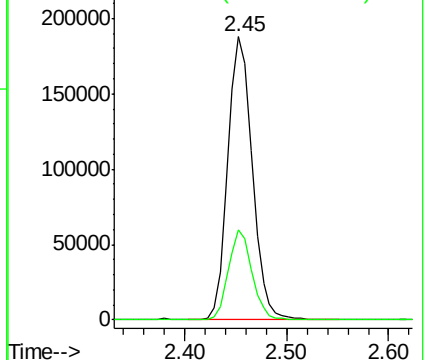
43 100

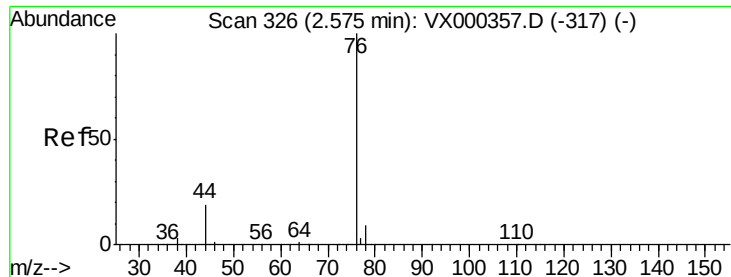
58 31.8 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.92 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

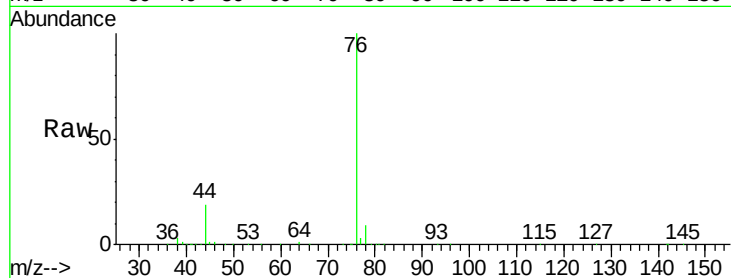
VSTDCCC050EC

Tgt Ion: 76 Resp: 177878

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

120000

100000

80000

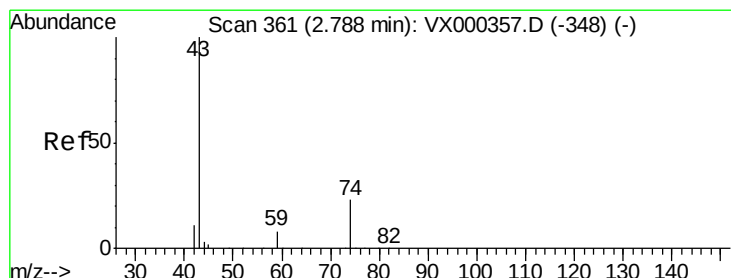
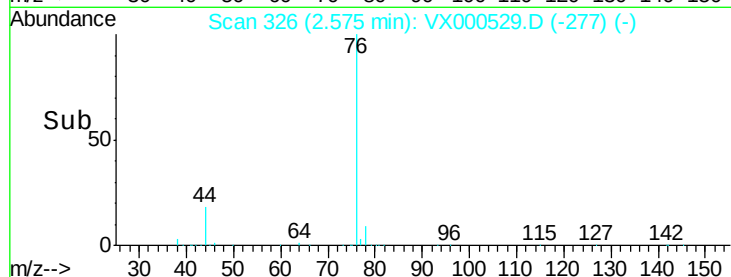
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 54.47 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000529.D

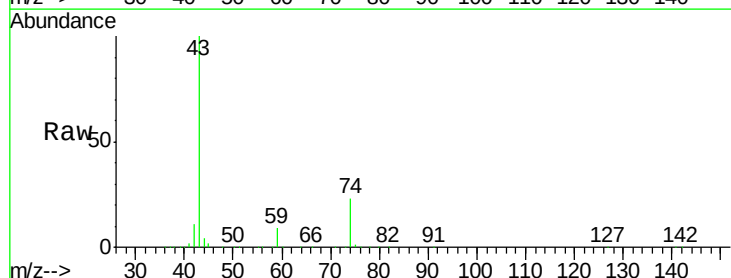
Acq: 29 Mar 2018 22:22

Tgt Ion: 43 Resp: 163049

Ion Ratio Lower Upper

43 100

74 24.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

100000

80000

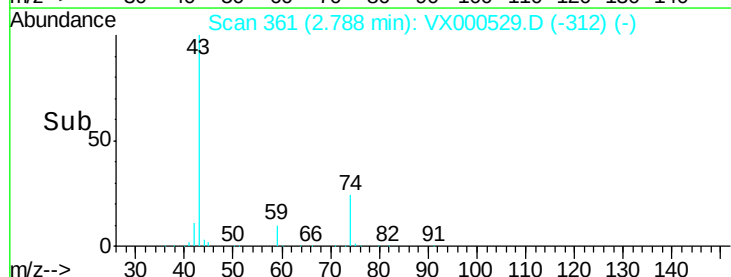
60000

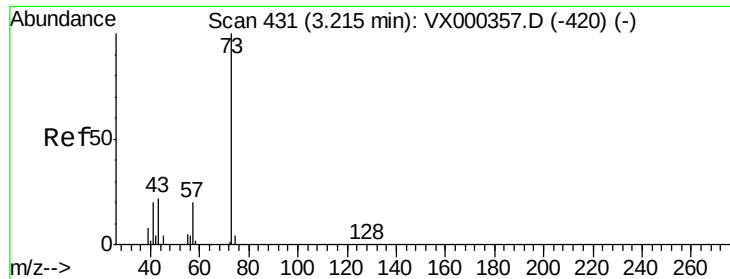
40000

20000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 54.37 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

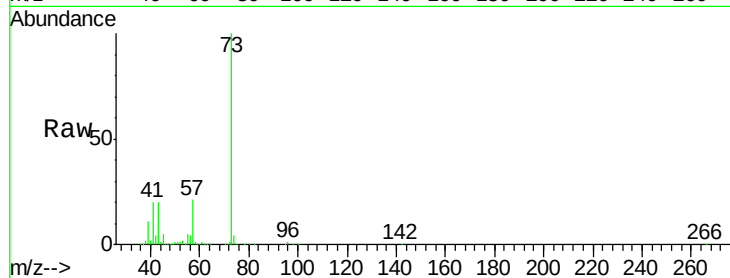
VSTDCCC050EC

Tgt Ion: 73 Resp: 286601

Ion Ratio Lower Upper

73 100

57 20.5 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

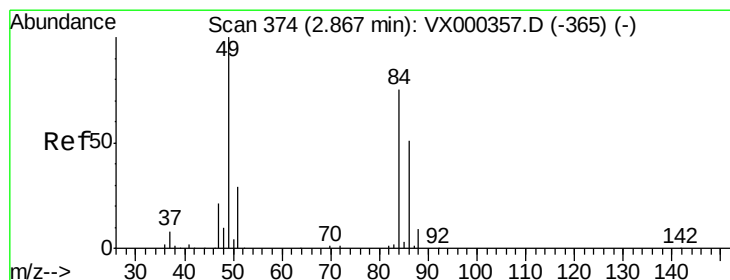
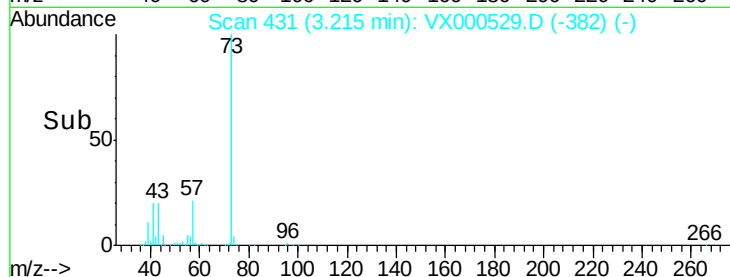
3.21

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 50.38 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Tgt Ion: 84 Resp: 83087

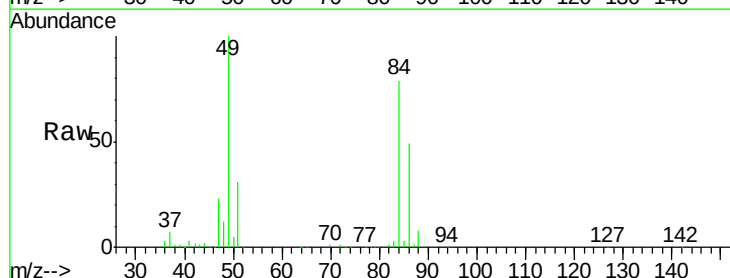
Ion Ratio Lower Upper

84 100

49 125.9 100.6 151.0

51 39.3 31.6 47.4

86 61.7 52.6 78.8



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

80000

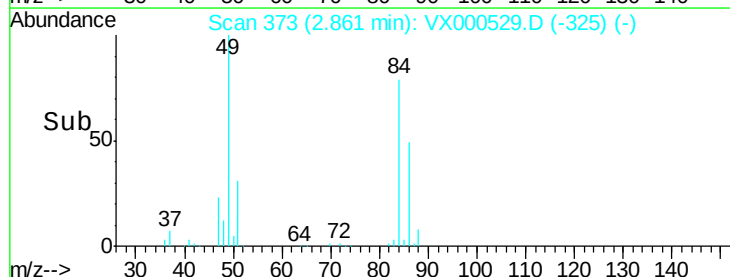
60000

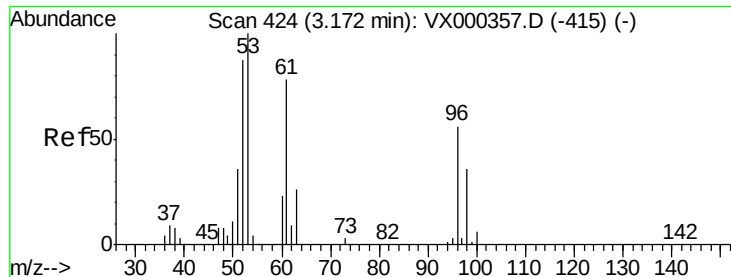
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 52.01 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

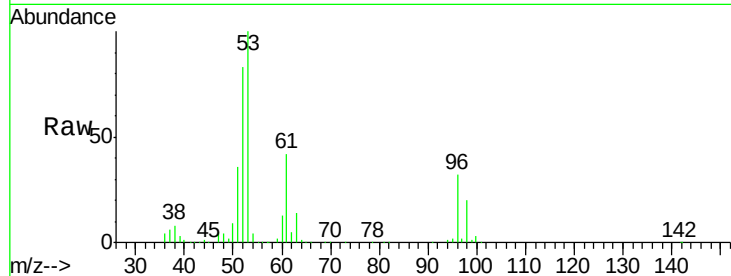
Tgt Ion: 96 Resp: 82691

Ion Ratio Lower Upper

96 100

61 133.7 104.0 156.0

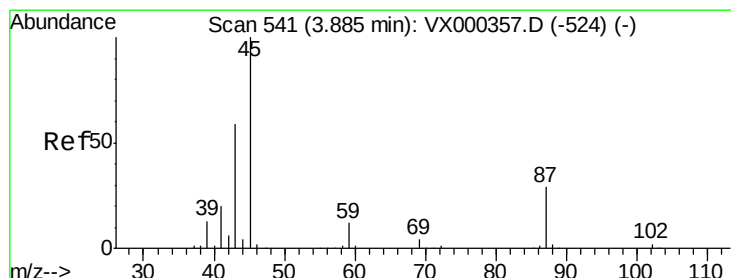
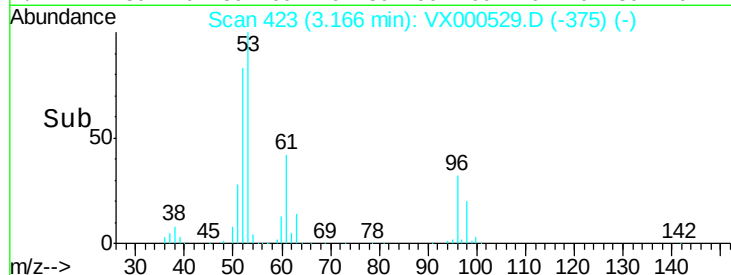
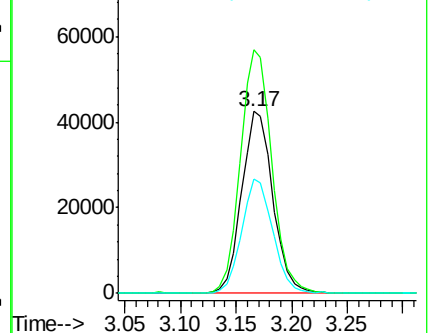
98 62.6 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 43.09 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Tgt Ion: 45 Resp: 191974

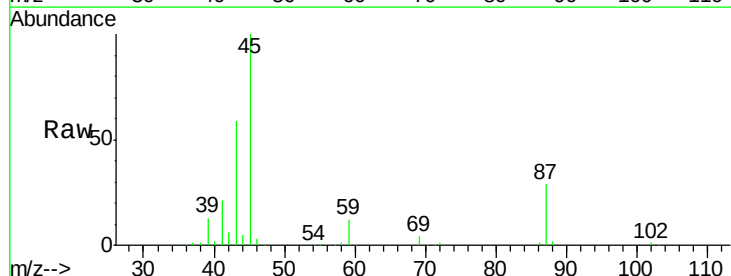
Ion Ratio Lower Upper

45 100

43 58.6 53.9 80.9

87 29.2 22.6 34.0

59 11.6 9.5 14.3

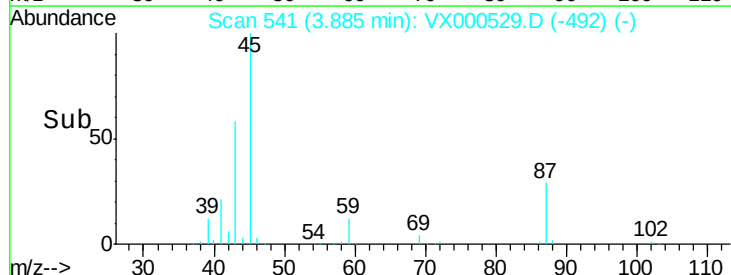
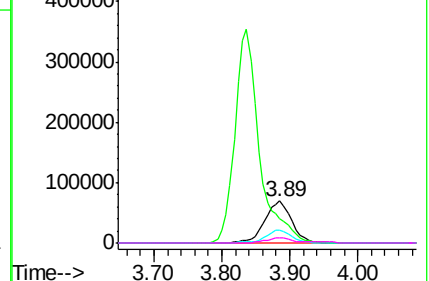


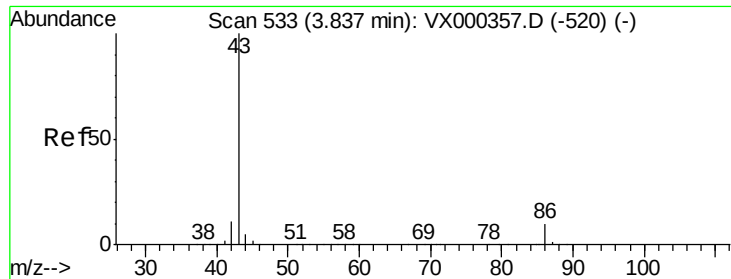
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 209.38 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

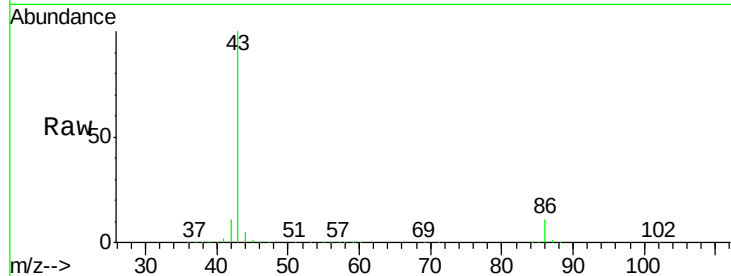
VSTDCCC050EC

Tgt Ion: 43 Resp: 884317

Ion Ratio Lower Upper

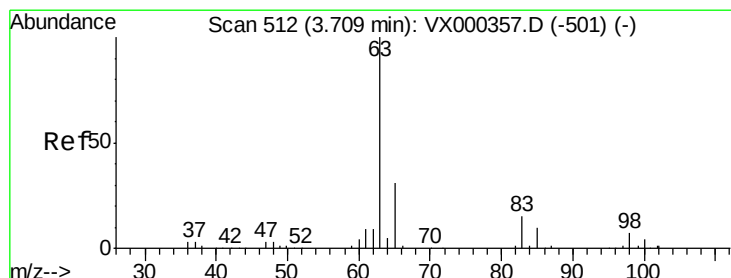
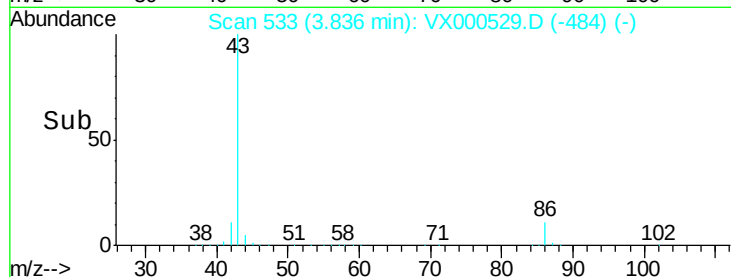
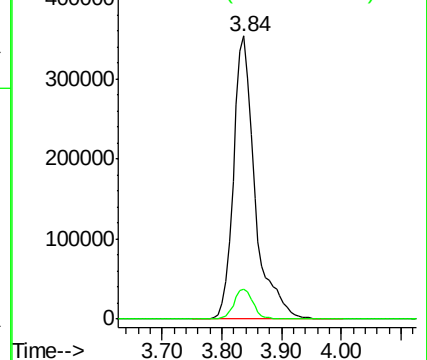
43 100

86 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 36.51 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

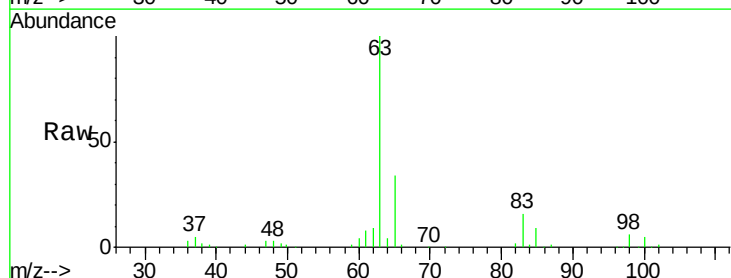
Tgt Ion: 63 Resp: 102256

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.9

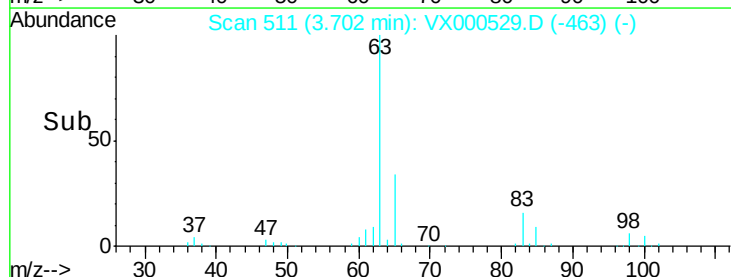
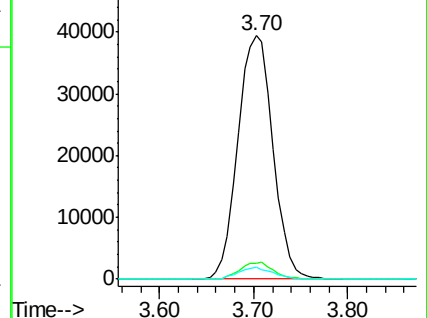
100 5.0 2.0 5.8

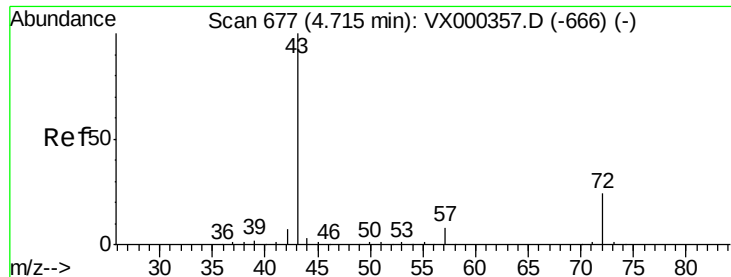


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 219.56 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

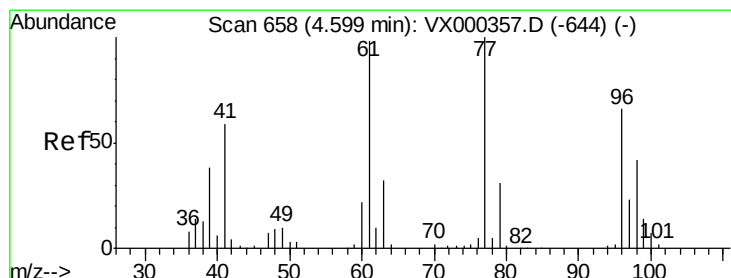
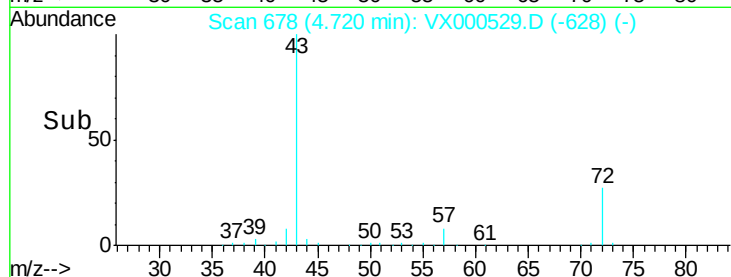
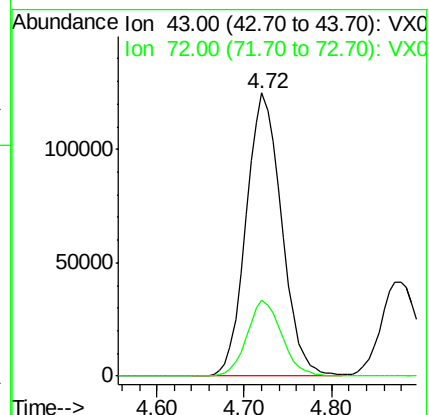
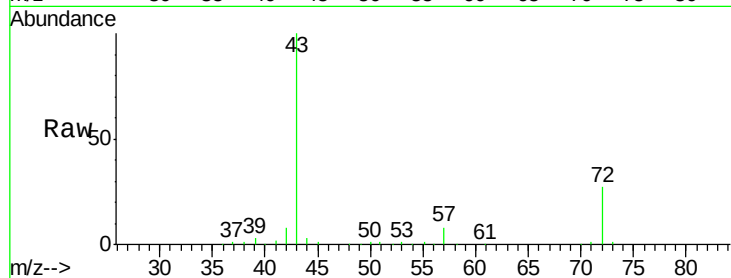
VSTDCCC050EC

Tgt Ion: 43 Resp: 352367

Ion Ratio Lower Upper

43 100

72 26.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 40.99 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000529.D

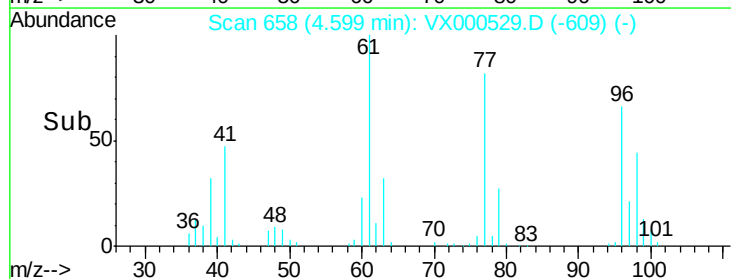
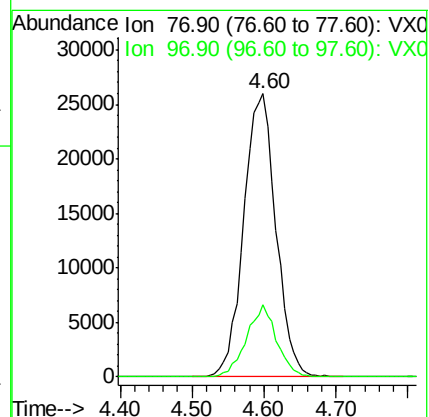
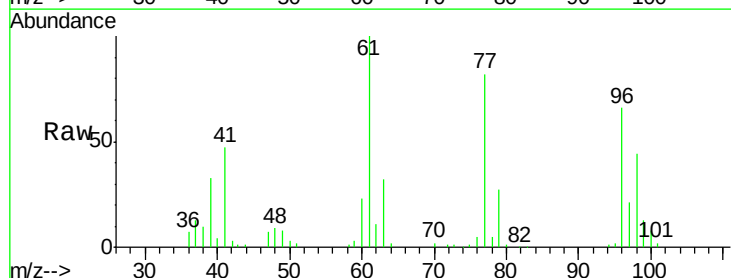
Acq: 29 Mar 2018 22:22

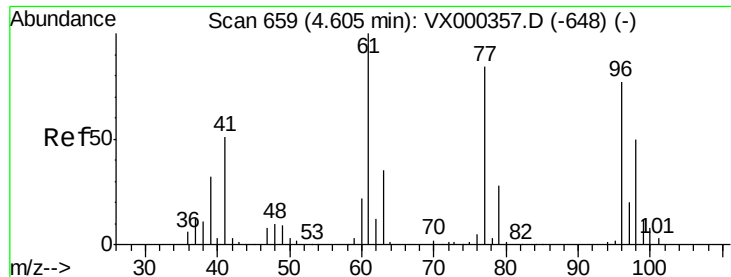
Tgt Ion: 77 Resp: 80469

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 45.44 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

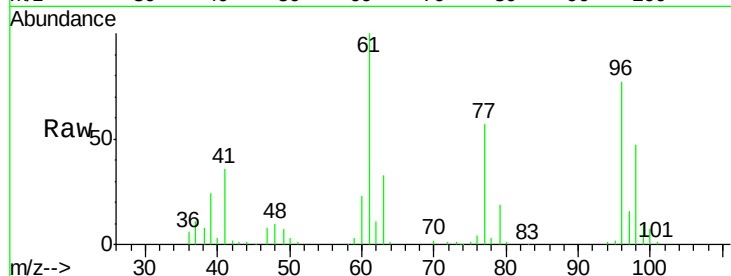
Tgt Ion: 96 Resp: 67515

Ion Ratio Lower Upper

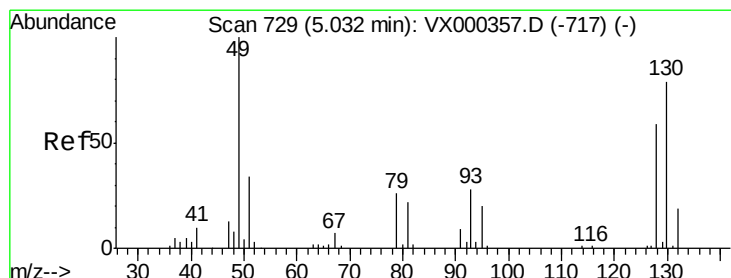
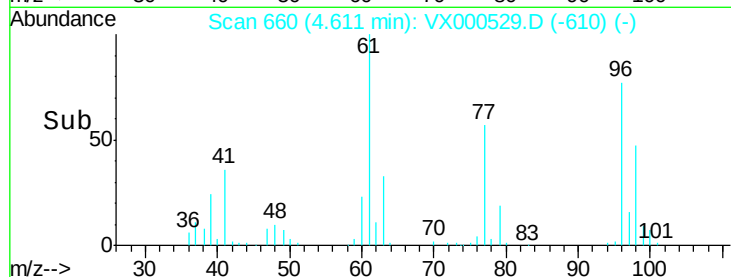
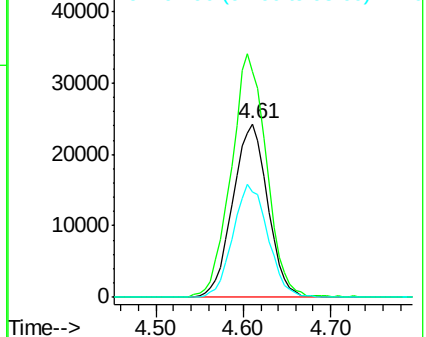
96 100

61 141.7 0.0 291.6

98 65.0 0.0 132.0



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



#28

Bromochloromethane

Concen: 66.45 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

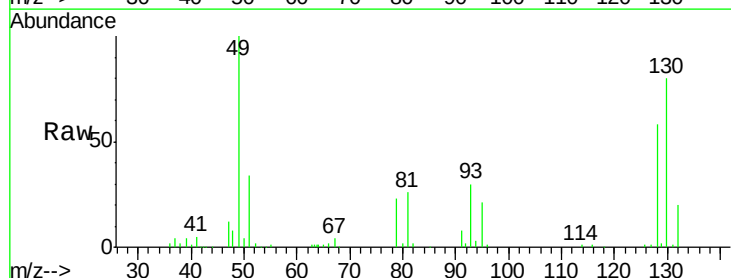
Tgt Ion: 49 Resp: 76751

Ion Ratio Lower Upper

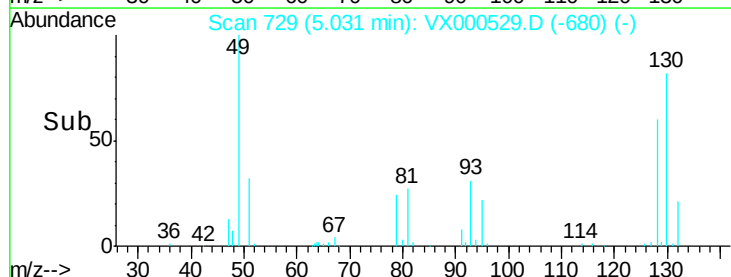
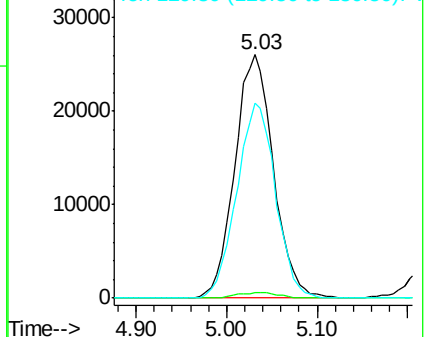
49 100

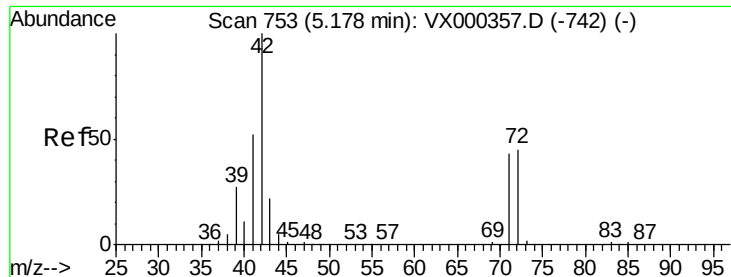
129 2.4 0.0 5.0

130 80.6 64.0 96.0



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





#29

Tetrahydrofuran

Concen: 233.84 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

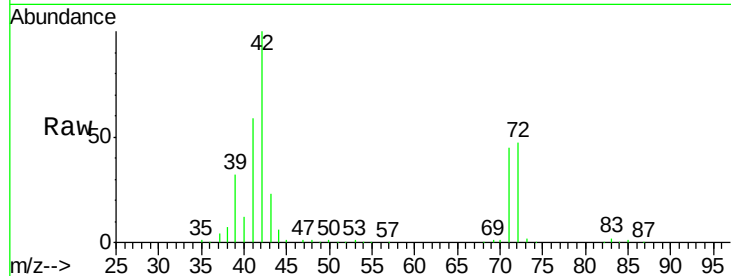
Tgt Ion: 42 Resp: 230900

Ion Ratio Lower Upper

42 100

72 46.5 37.9 56.9

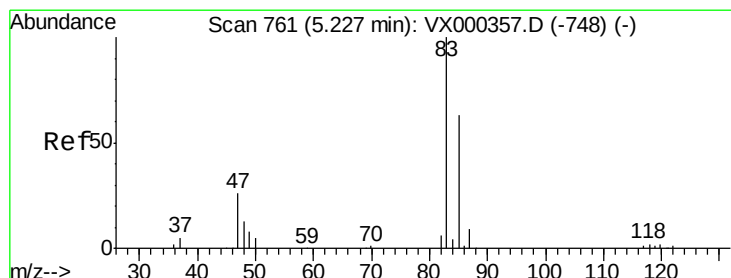
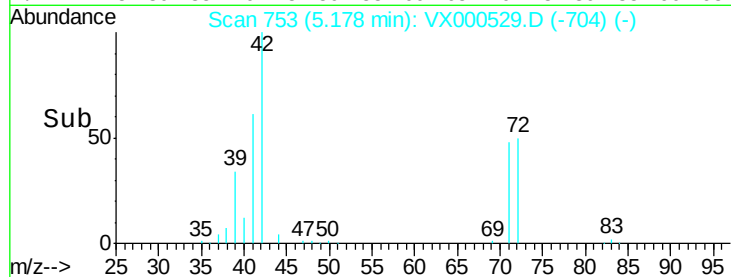
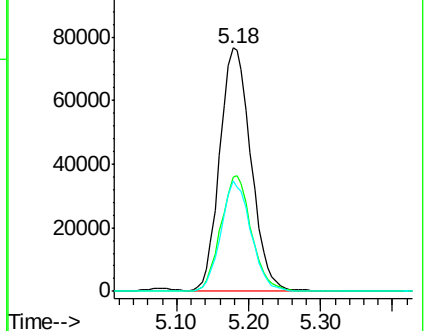
71 43.4 34.4 51.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.71 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX000529.D

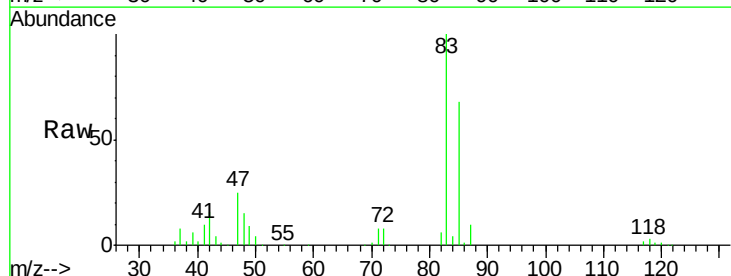
Acq: 29 Mar 2018 22:22

Tgt Ion: 83 Resp: 130508

Ion Ratio Lower Upper

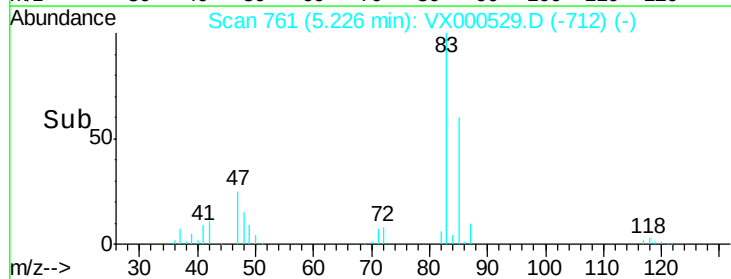
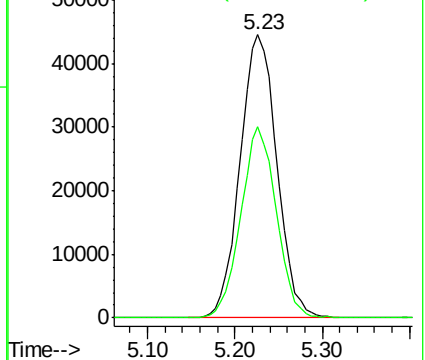
83 100

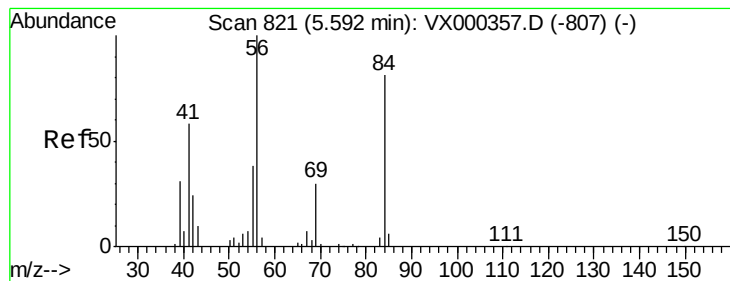
85 67.6 53.3 79.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 44.81 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

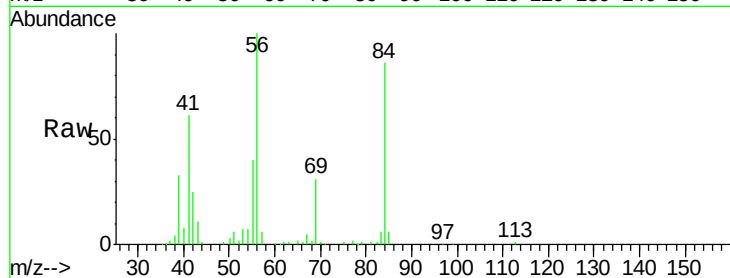
Tgt Ion: 56 Resp: 97036

Ion Ratio Lower Upper

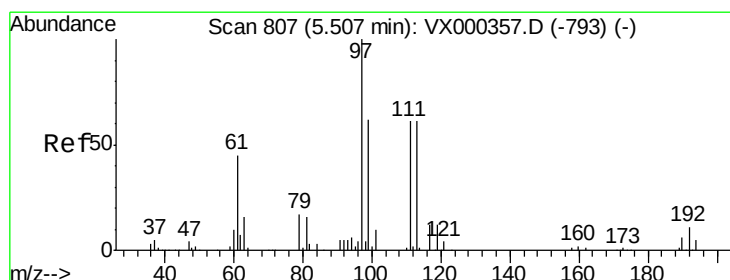
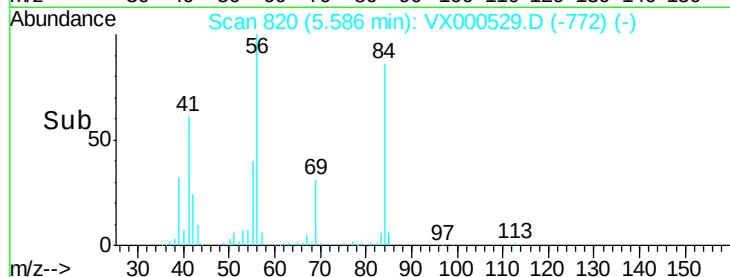
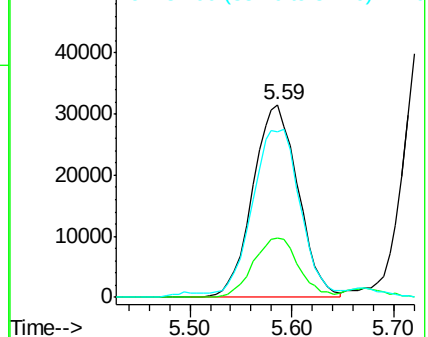
56 100

69 30.6 23.4 35.0

84 84.2 71.0 106.4



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



#32

1,1,1-Trichloroethane

Concen: 48.45 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

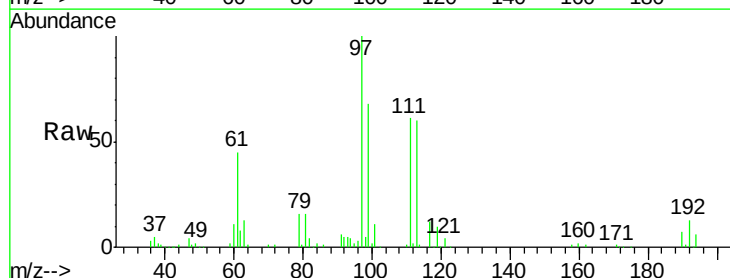
Tgt Ion: 97 Resp: 114750

Ion Ratio Lower Upper

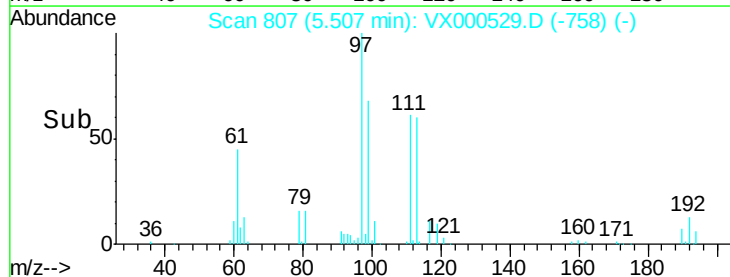
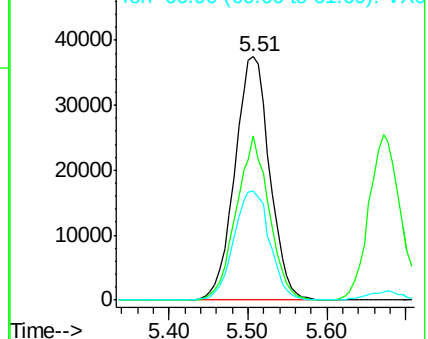
97 100

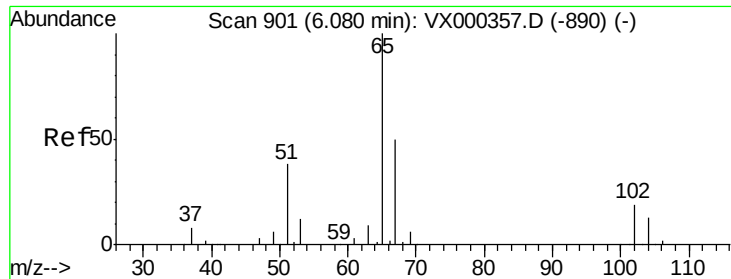
99 63.8 52.1 78.1

61 46.3 36.2 54.4



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

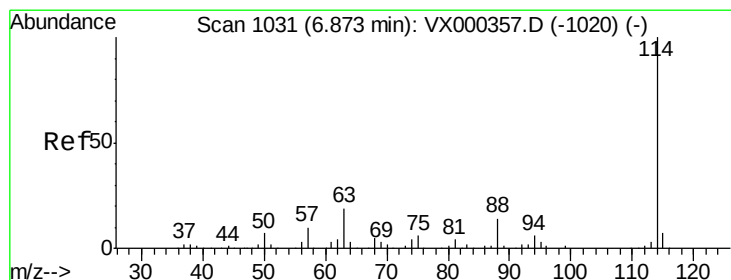
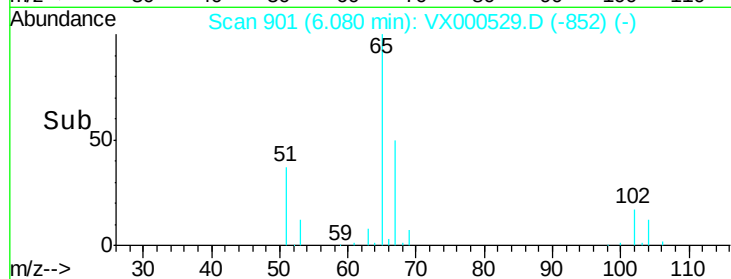
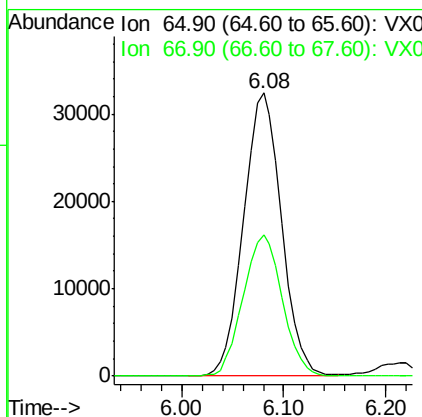
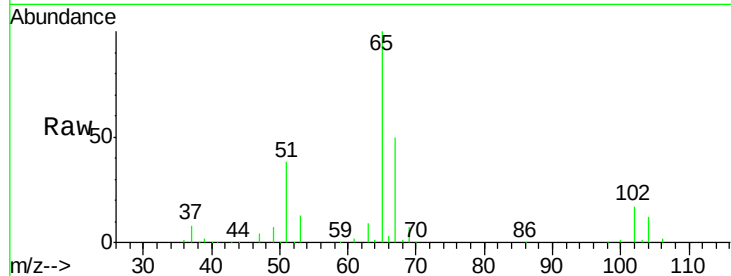




#33
 1,2-Dichloroethane-d4
 Concen: 48.94 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

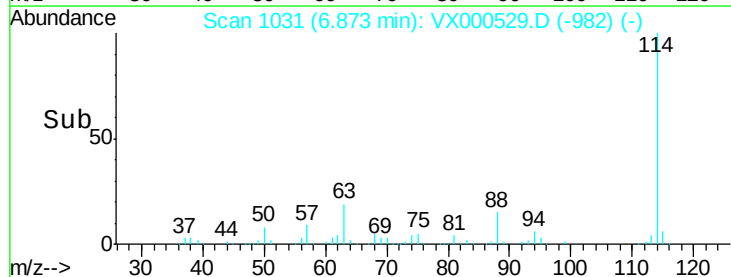
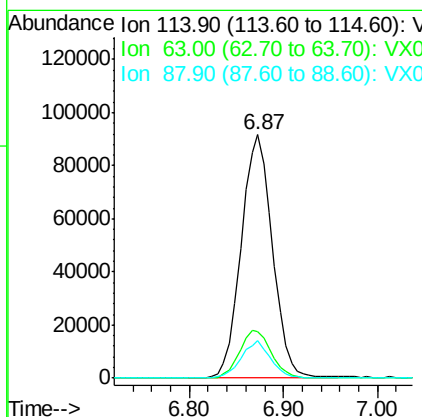
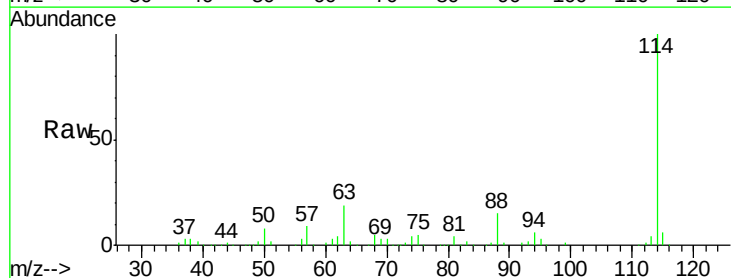
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

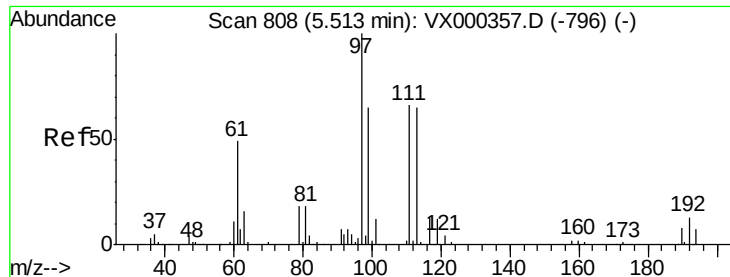
Tgt Ion: 65 Resp: 83993
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Tgt Ion: 114 Resp: 213144
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 15.3 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.93 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

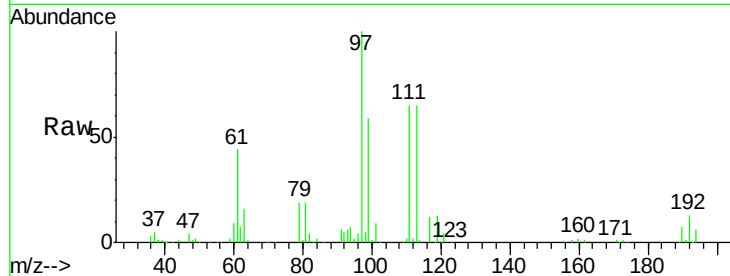
Tgt Ion:113 Resp: 67053

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

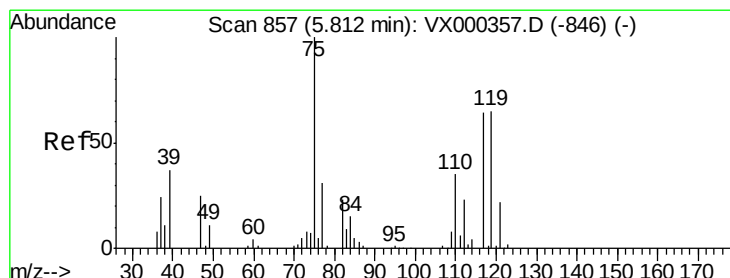
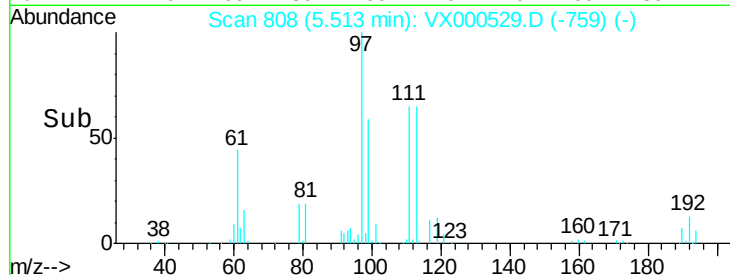
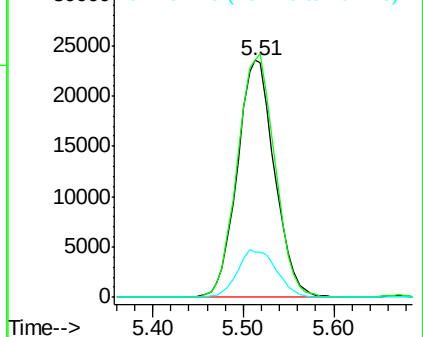
192 20.9 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.16 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

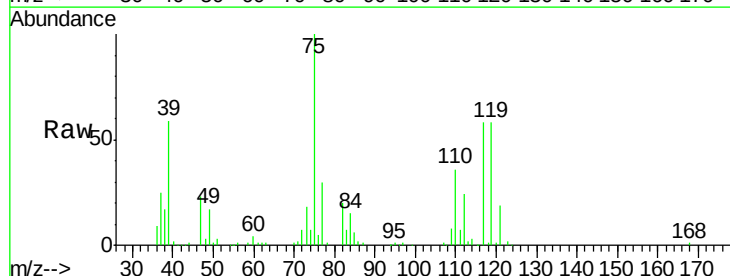
Tgt Ion: 75 Resp: 90157

Ion Ratio Lower Upper

75 100

110 36.9 17.9 53.7

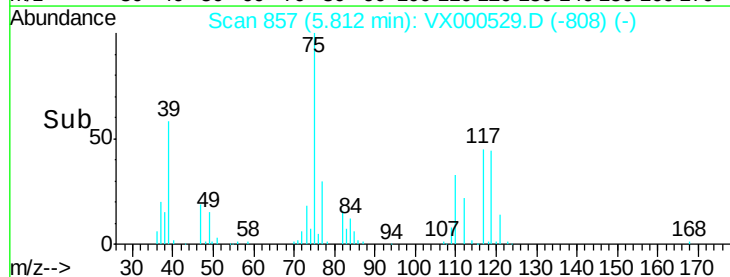
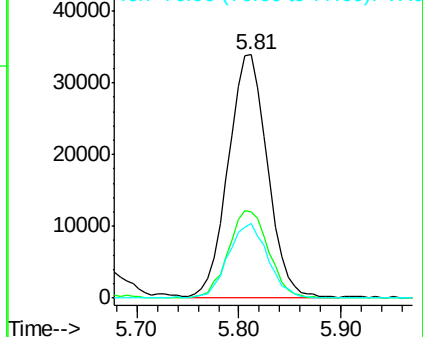
77 31.3 24.0 36.0

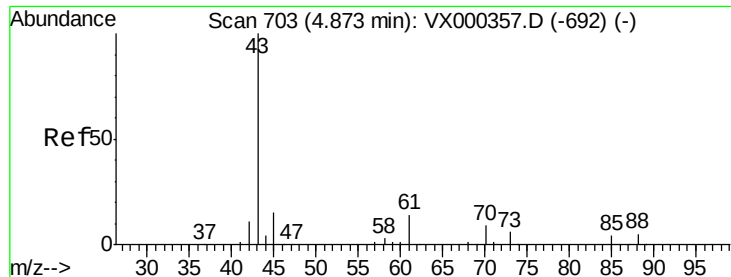


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

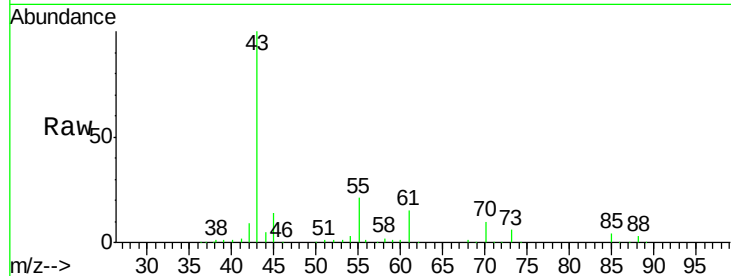




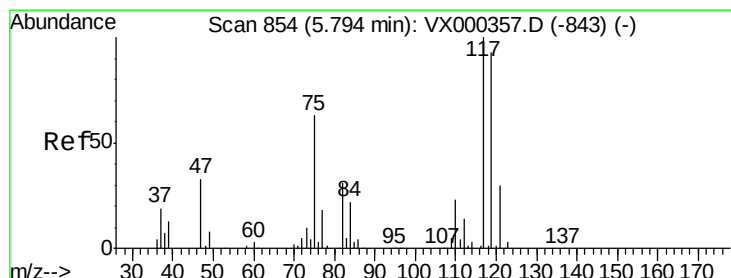
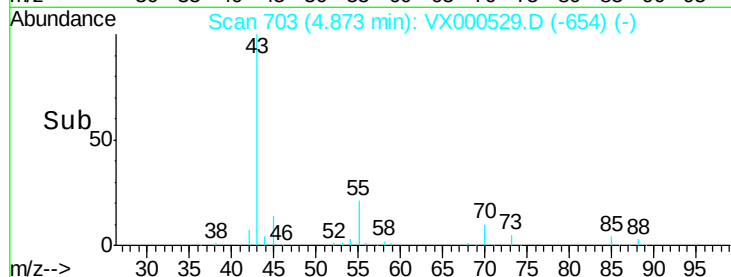
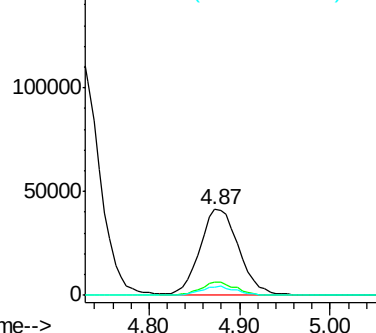
#37
Ethyl Acetate
Concen: 45.34 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 123658
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 9.7 7.7 11.5

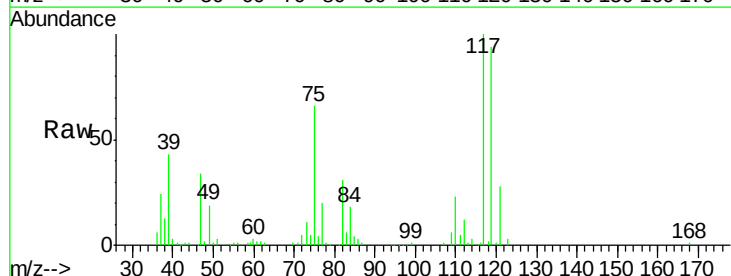


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

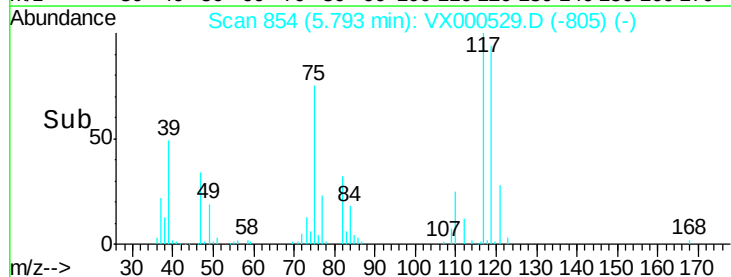
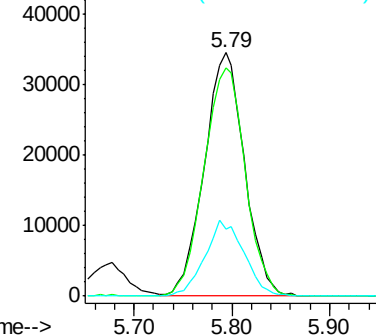


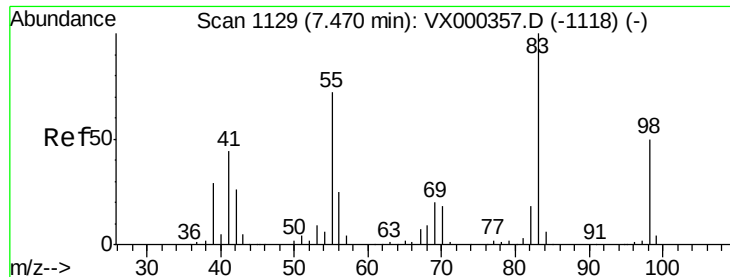
#38
Carbon Tetrachloride
Concen: 46.79 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion: 117 Resp: 98011
Ion Ratio Lower Upper
117 100
119 93.6 77.4 116.2
121 27.6 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 45.89 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

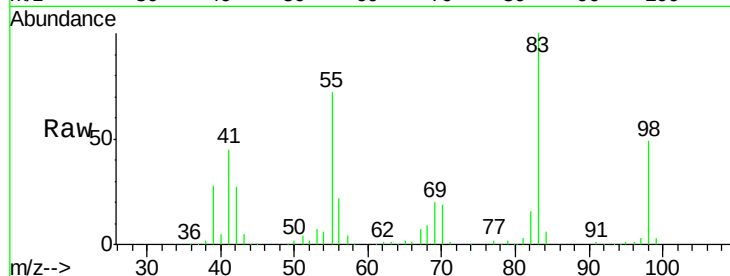
Tgt Ion: 83 Resp: 111427

Ion Ratio Lower Upper

83 100

55 71.8 55.5 83.3

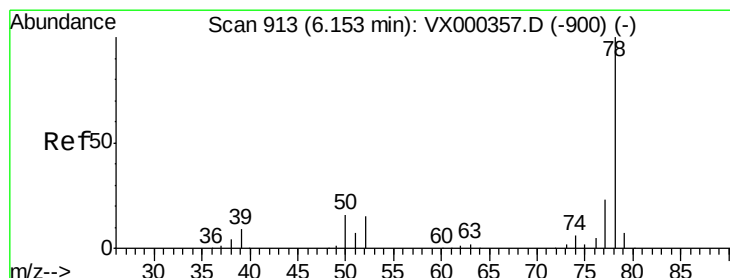
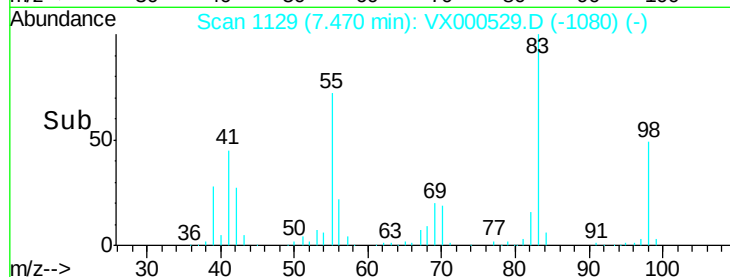
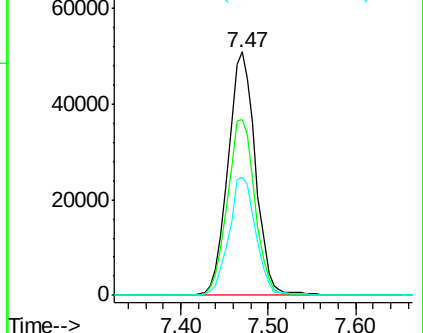
98 48.8 38.2 57.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 47.82 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000529.D

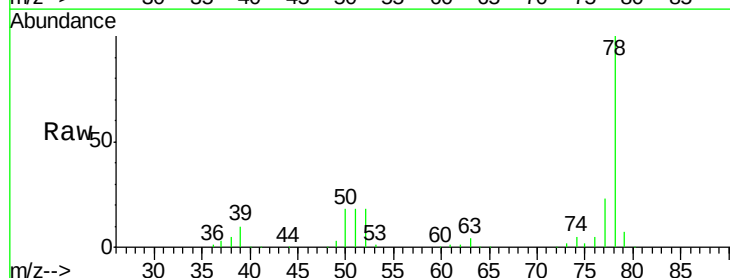
Acq: 29 Mar 2018 22:22

Tgt Ion: 78 Resp: 277251

Ion Ratio Lower Upper

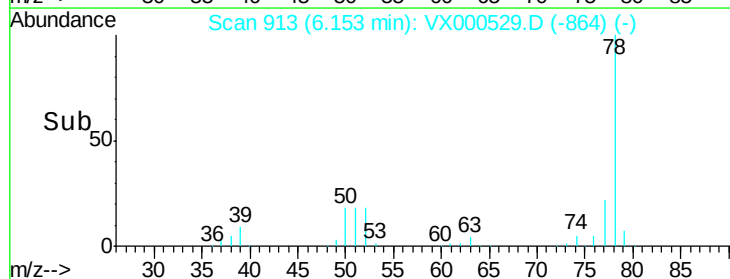
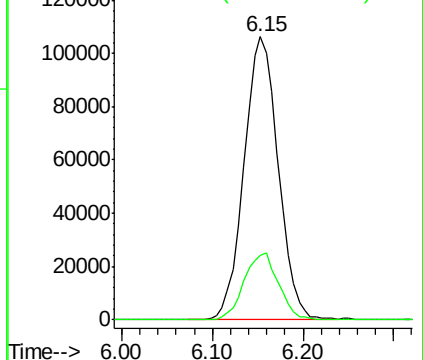
78 100

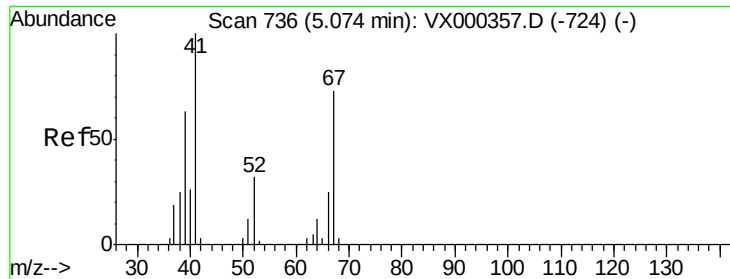
77 22.9 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 45.35 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 65199

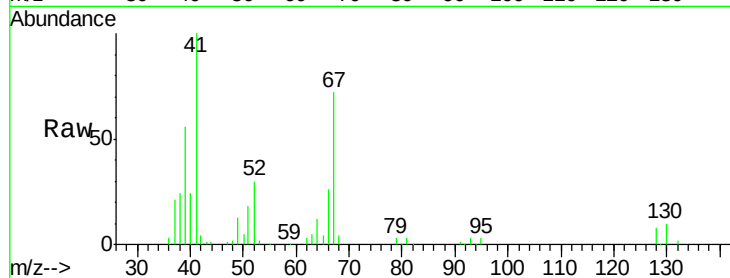
Ion Ratio Lower Upper

41 100

39 58.4 45.7 68.5

67 76.5 57.8 86.8

52 32.4 26.7 40.1

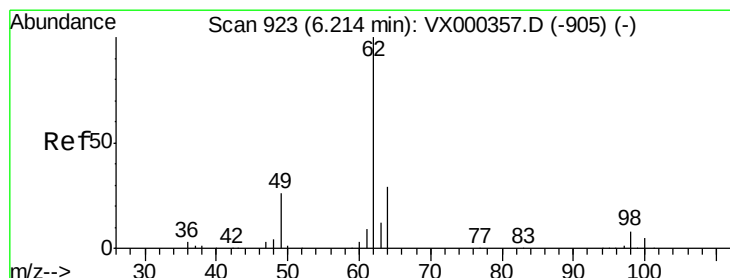
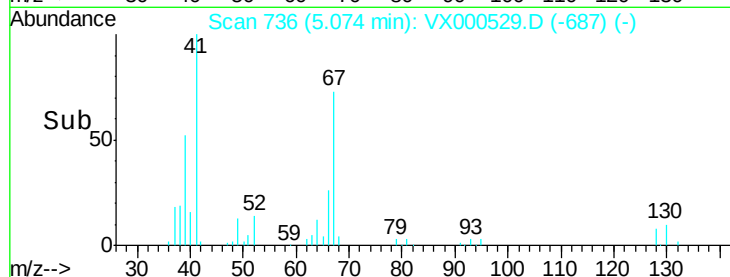
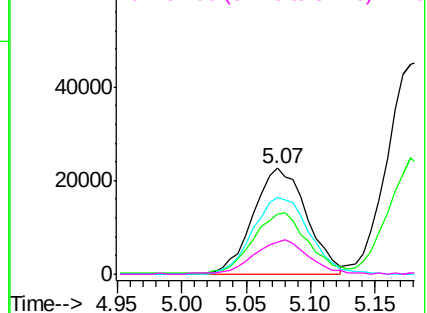


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.12 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.01 min

Lab File: VX000529.D

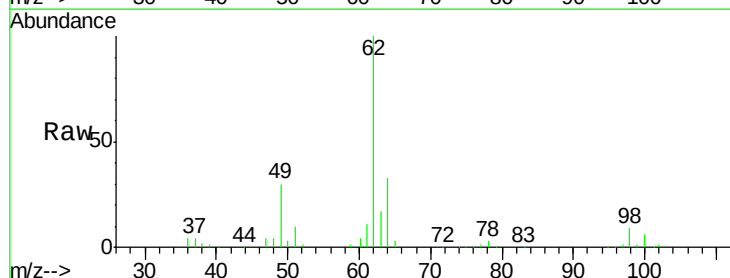
Acq: 29 Mar 2018 22:22

Tgt Ion: 62 Resp: 109459

Ion Ratio Lower Upper

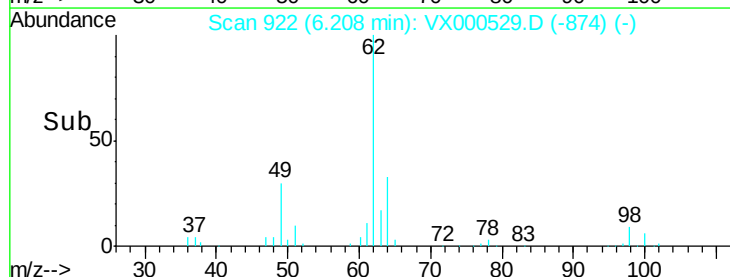
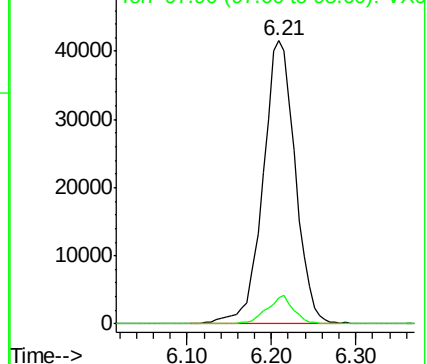
62 100

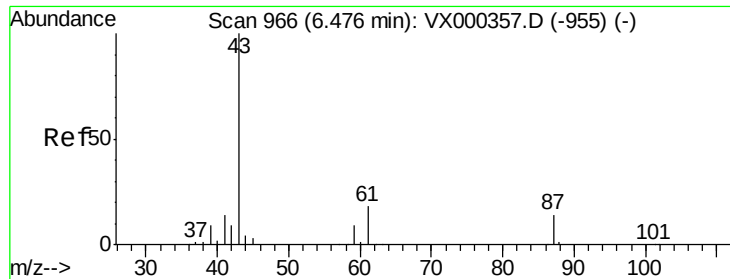
98 8.4 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.64 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

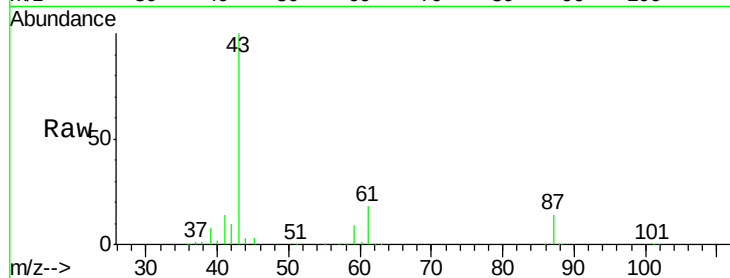
Tgt Ion: 43 Resp: 197475

Ion Ratio Lower Upper

43 100

61 18.8 14.4 21.6

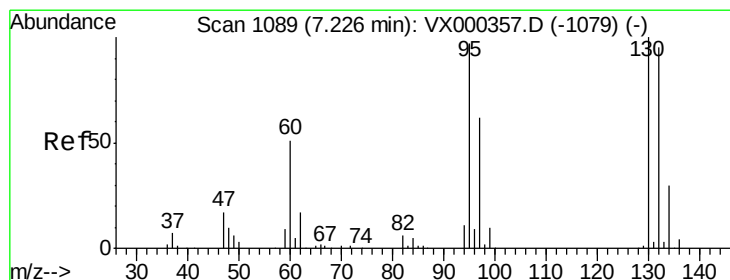
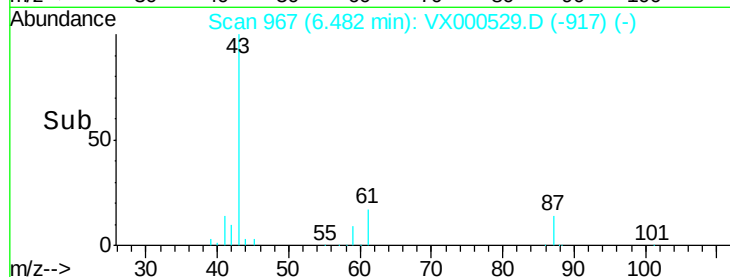
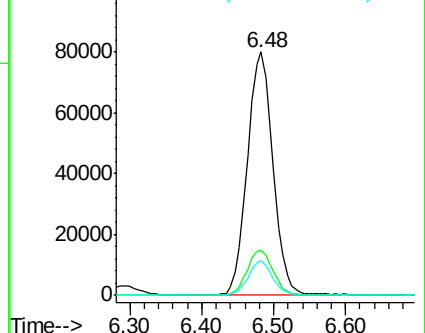
87 13.2 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.43 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000529.D

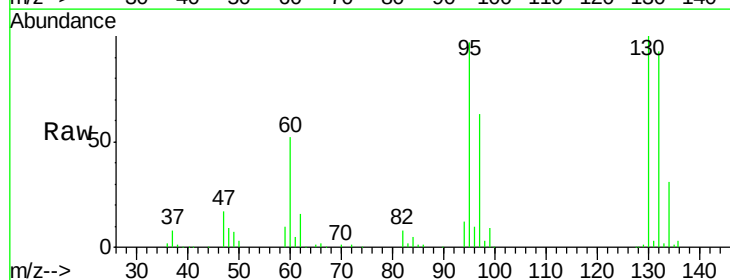
Acq: 29 Mar 2018 22:22

Tgt Ion: 130 Resp: 77123

Ion Ratio Lower Upper

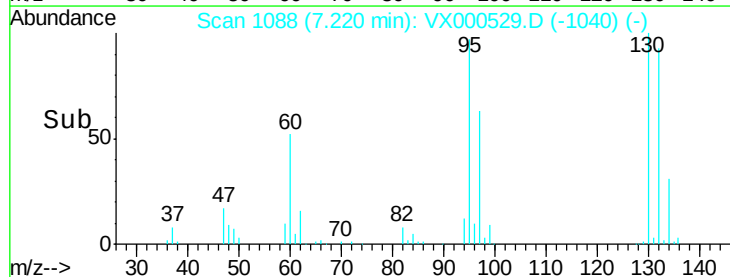
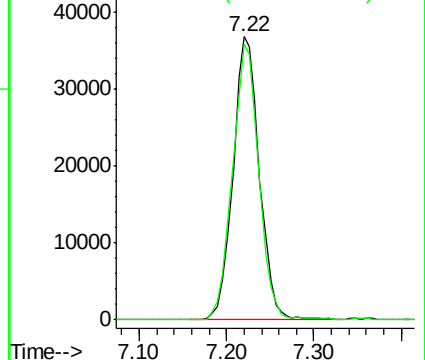
130 100

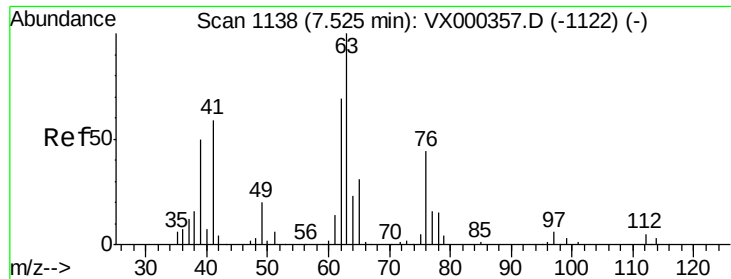
95 97.2 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

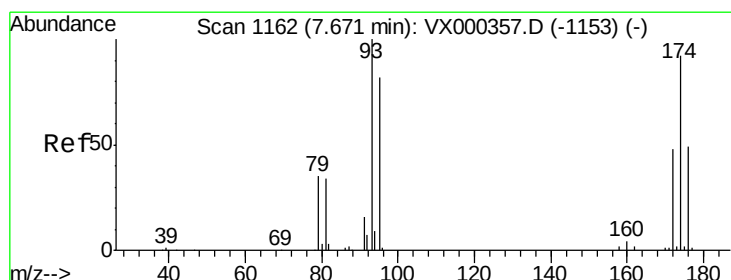
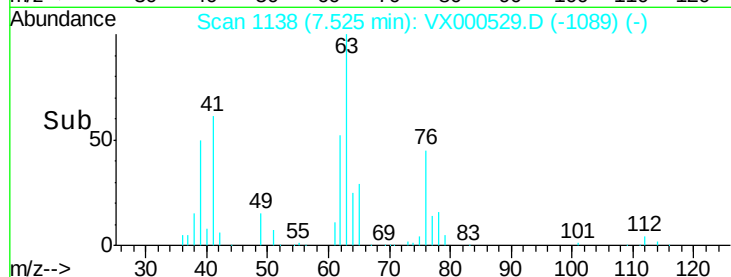
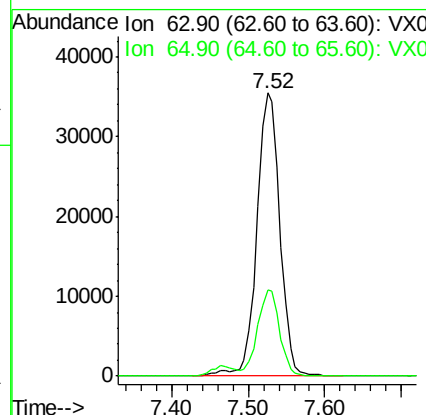
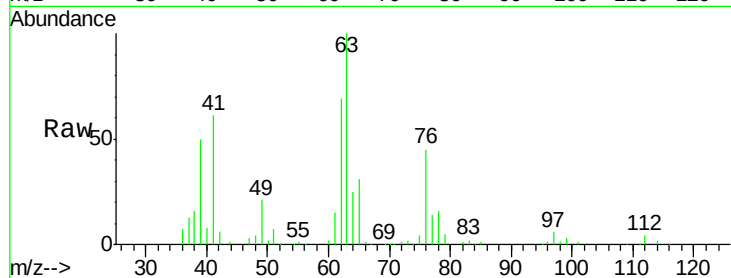




#45
 1,2-Dichloropropane
 Concen: 50.17 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

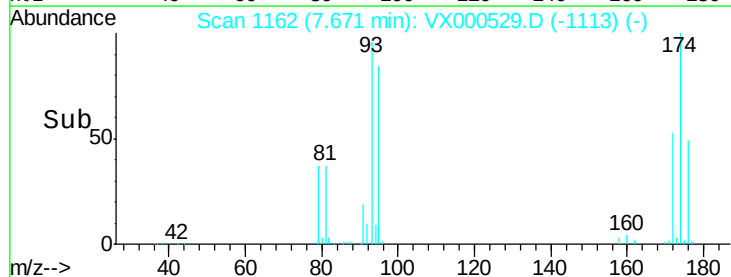
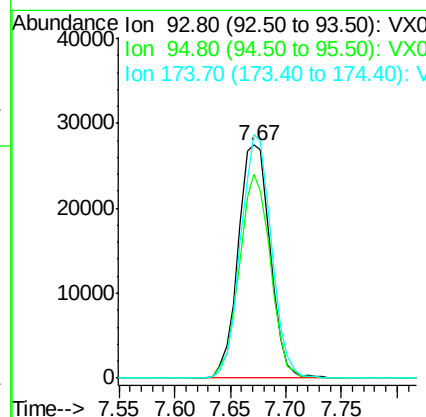
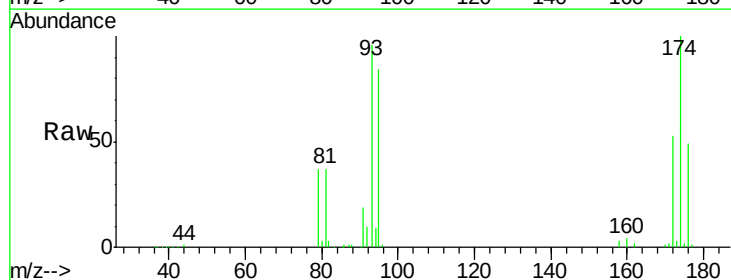
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

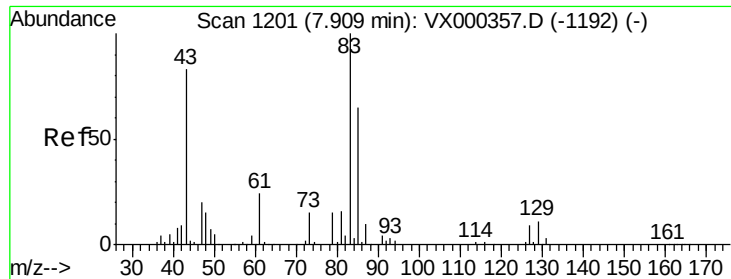
Tgt Ion: 63 Resp: 74456
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8



#46
 Dibromomethane
 Concen: 46.83 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Tgt Ion: 93 Resp: 54555
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.5 99.7
 174 100.6 76.0 114.0





#47

Bromodichloromethane

Concen: 50.38 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

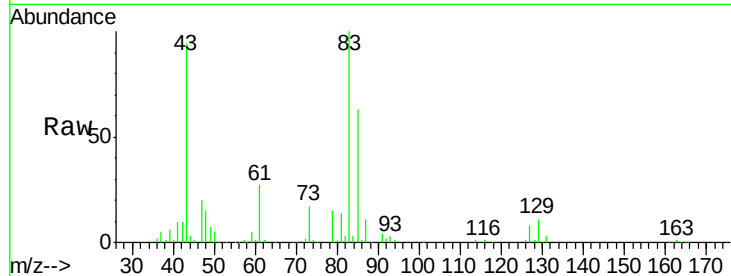
Tgt Ion: 83 Resp: 103263

Ion Ratio Lower Upper

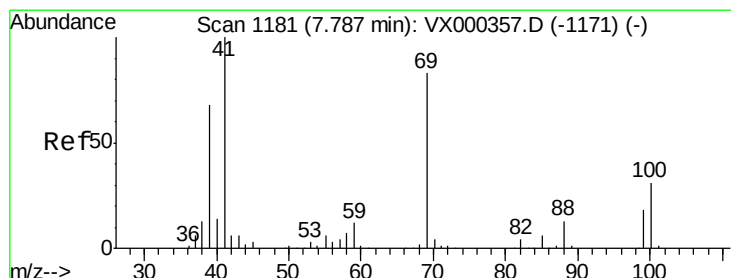
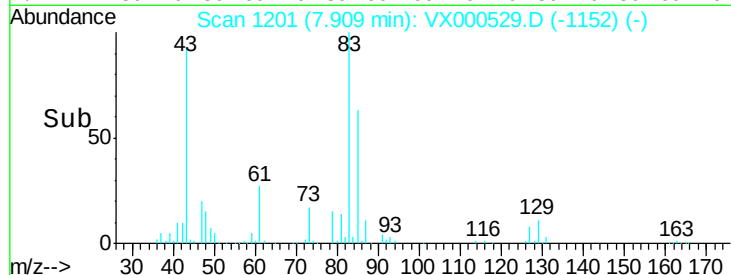
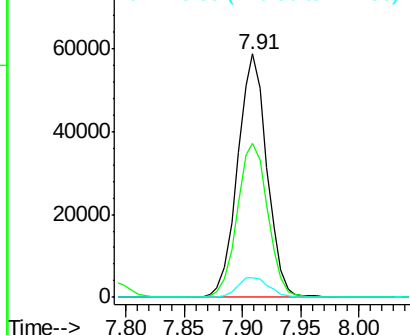
83 100

85 63.1 51.4 77.0

127 7.9 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.72 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

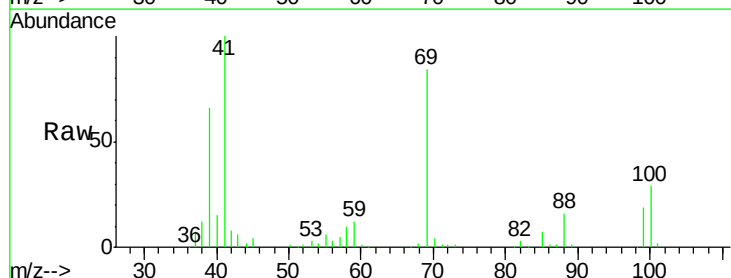
Tgt Ion: 41 Resp: 97987

Ion Ratio Lower Upper

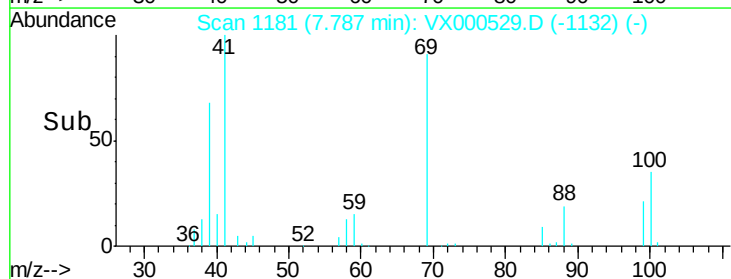
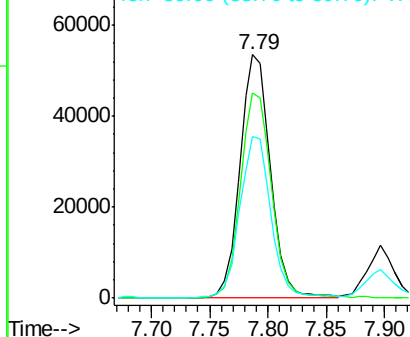
41 100

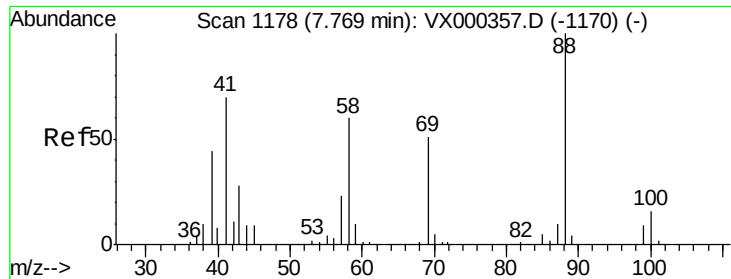
69 85.9 68.2 102.4

39 67.2 54.6 81.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

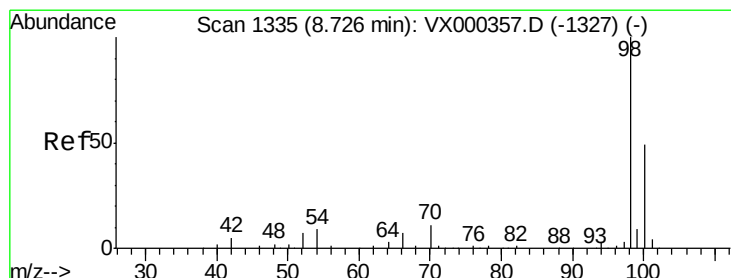
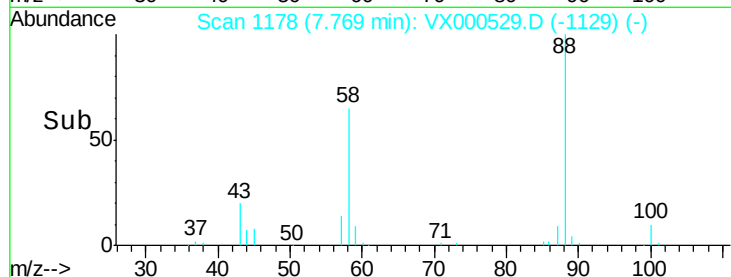
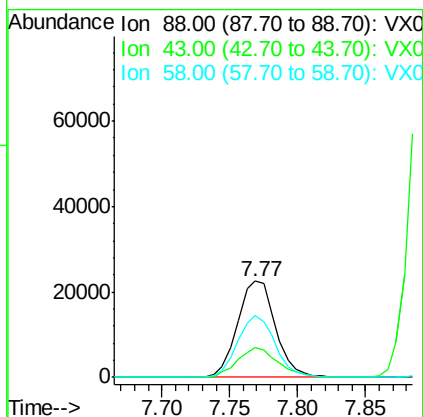
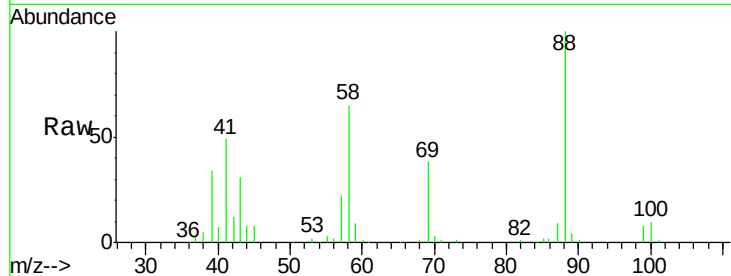




#49
1,4-Dioxane
Concen: 1063.57 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

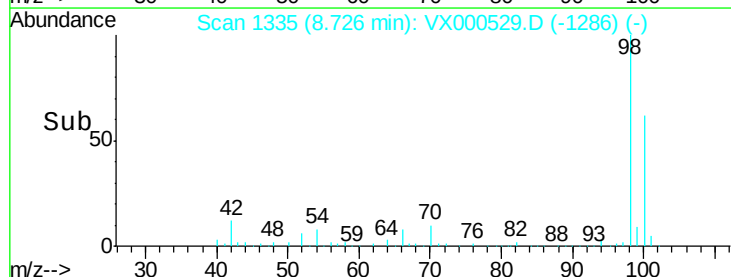
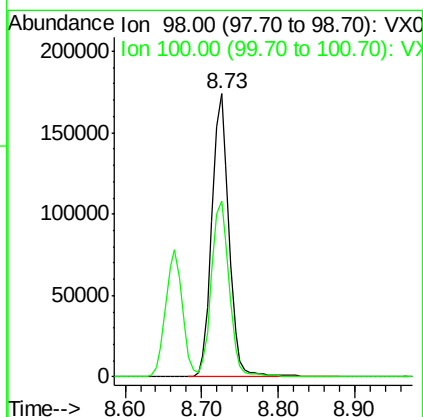
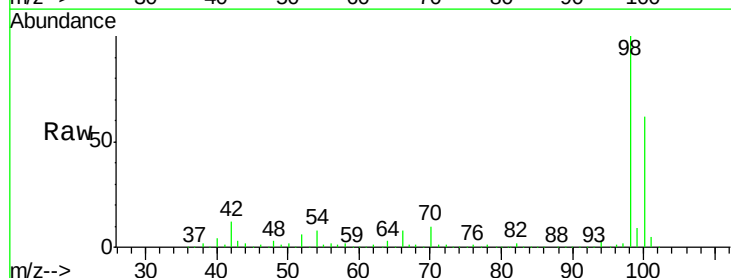
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

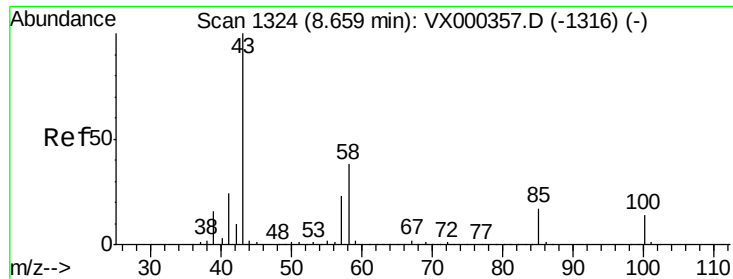
Tgt Ion: 88 Resp: 44061
Ion Ratio Lower Upper
88 100
43 33.0 26.8 40.2
58 63.7 52.2 78.2



#50
Toluene-d8
Concen: 48.54 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion: 98 Resp: 269970
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 251.20 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

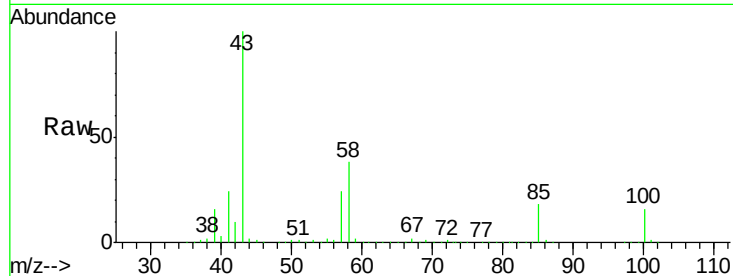
VSTDCCC050EC

Tgt Ion: 43 Resp: 789345

Ion Ratio Lower Upper

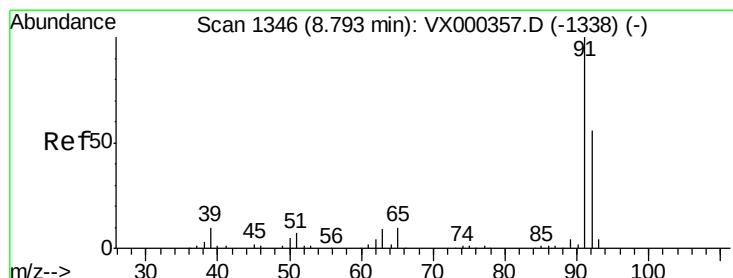
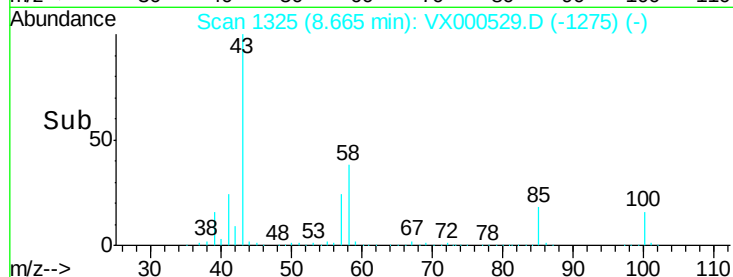
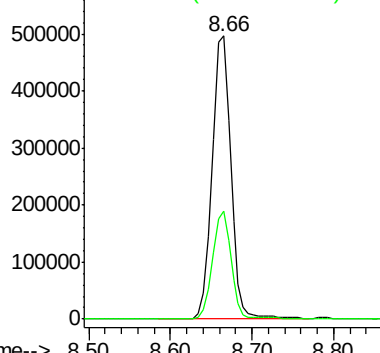
43 100

58 37.3 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.44 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000529.D

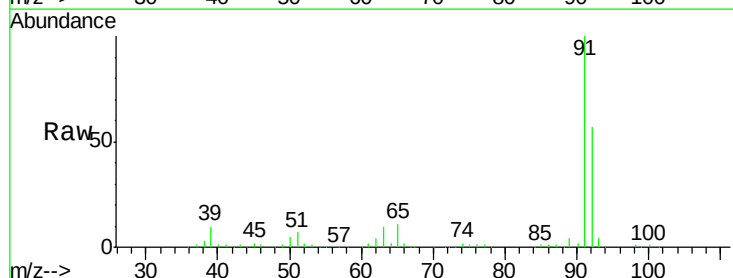
Acq: 29 Mar 2018 22:22

Tgt Ion: 92 Resp: 200391

Ion Ratio Lower Upper

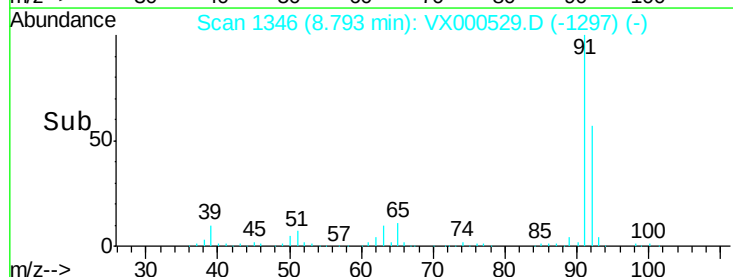
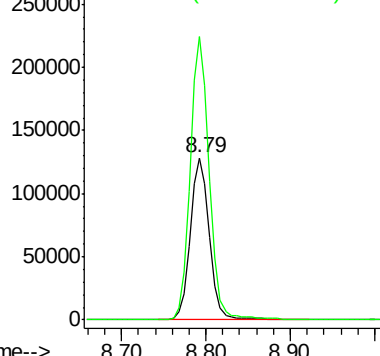
92 100

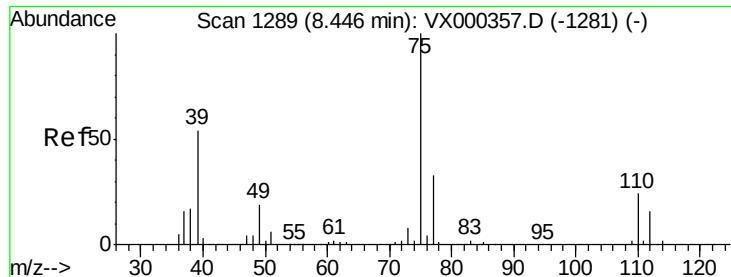
91 174.4 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.05 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

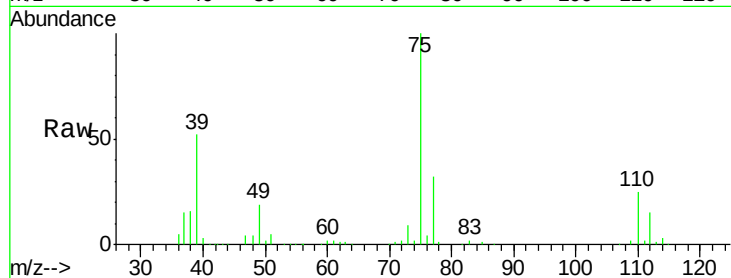
VSTDCCC050EC

Tgt Ion: 75 Resp: 116495

Ion Ratio Lower Upper

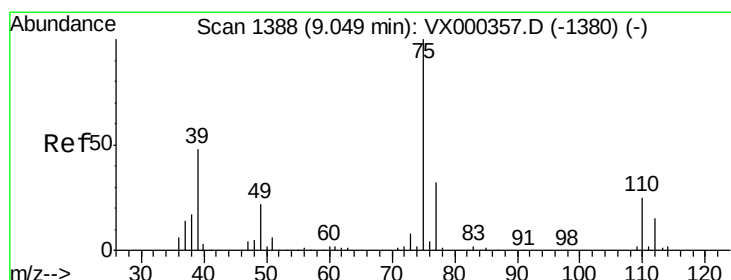
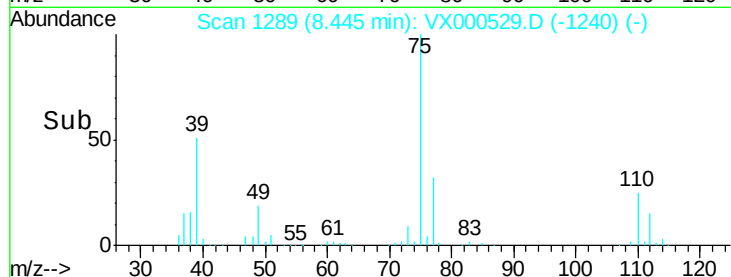
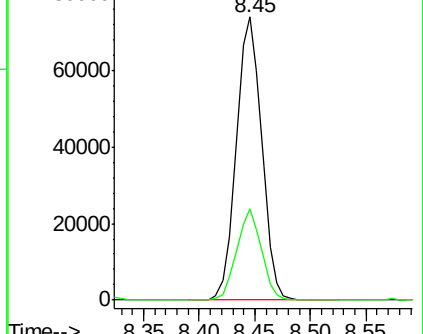
75 100

77 32.5 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.07 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

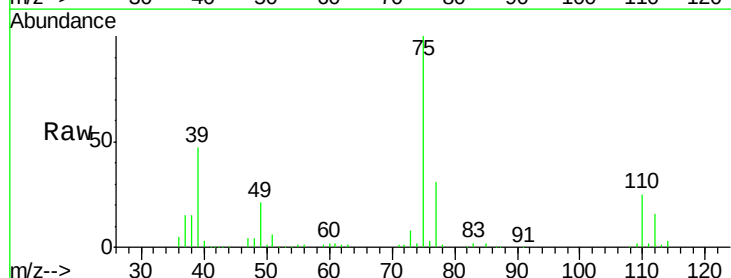
Tgt Ion: 75 Resp: 117653

Ion Ratio Lower Upper

75 100

77 30.9 26.1 39.1

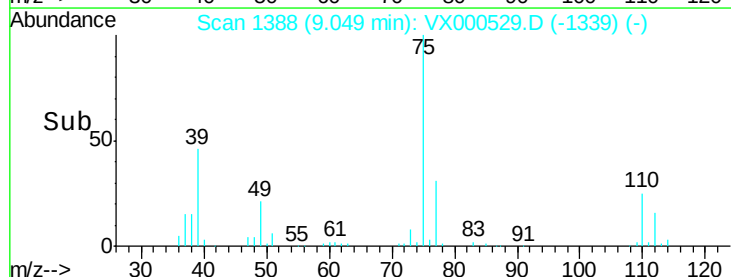
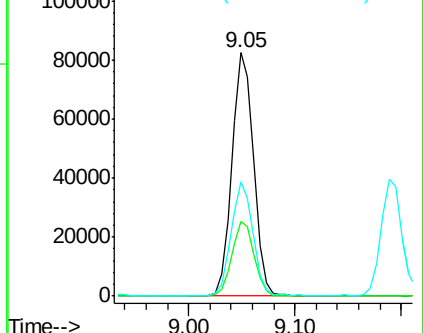
39 46.6 39.8 59.6

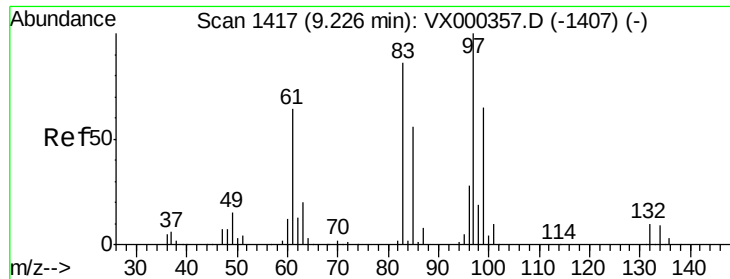


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

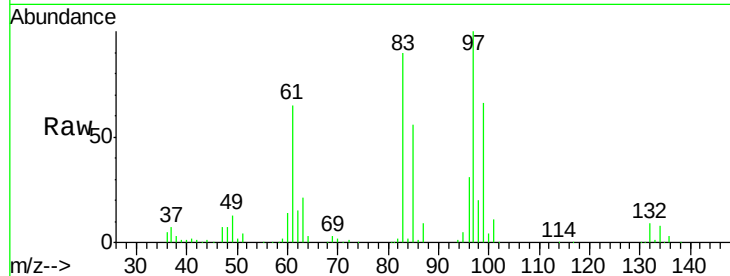




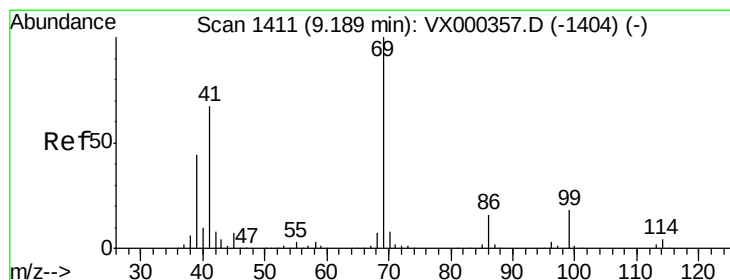
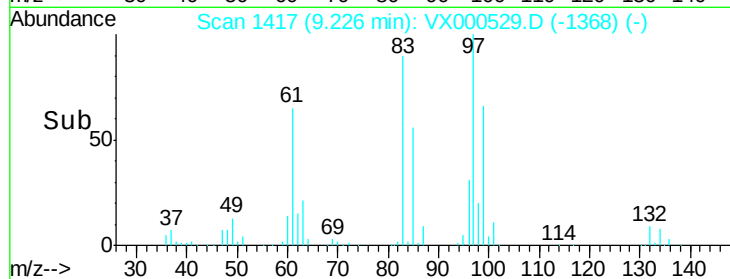
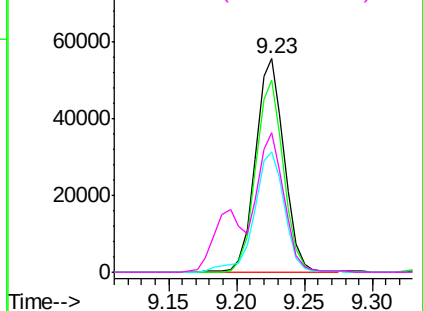
#55
 1,1,2-Trichloroethane
 Concen: 49.46 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	82450
Ion	Ratio	Lower	Upper
97	100		
83	89.8	67.9	101.9
85	56.3	42.8	64.2
99	65.1	49.4	74.2

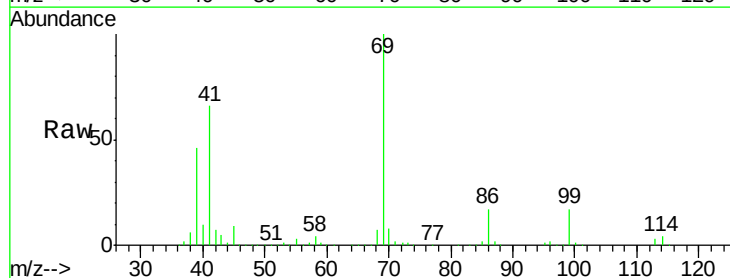


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

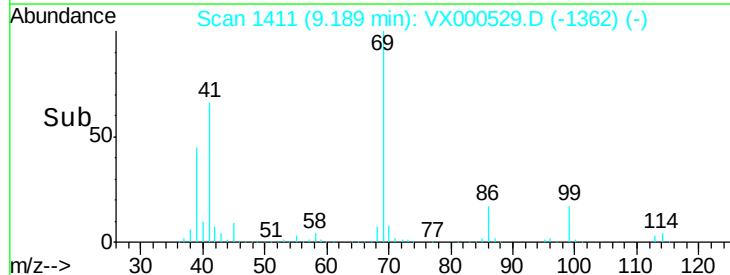
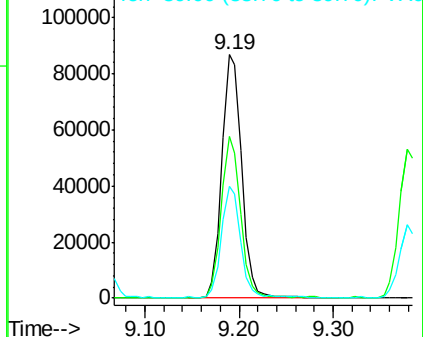


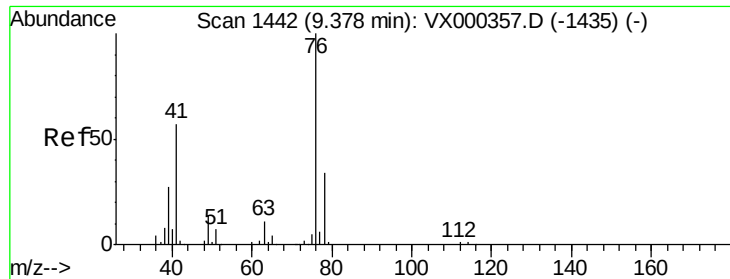
#56
 Ethyl methacrylate
 Concen: 50.40 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Tgt Ion:	69	Resp:	127300
Ion	Ratio	Lower	Upper
69	100		
41	64.8	53.0	79.6
39	43.7	35.3	52.9



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: 49.86 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

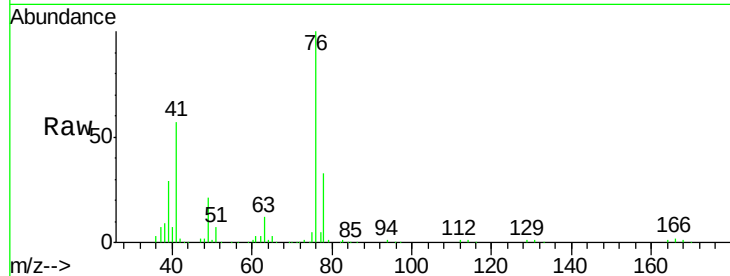
VSTDCCC050EC

Tgt Ion: 76 Resp: 132917

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

100000

80000

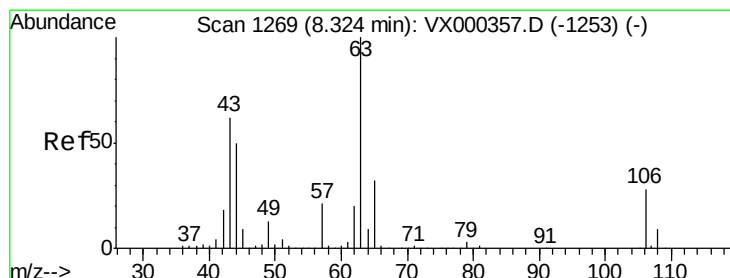
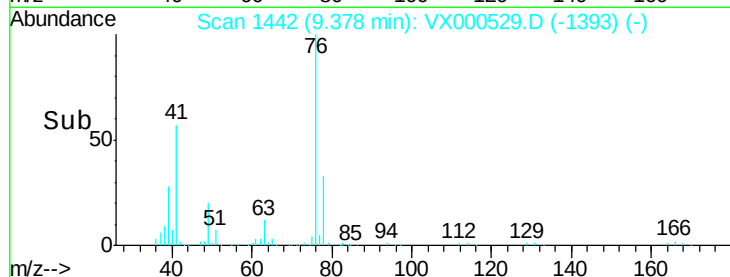
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 194.86 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000529.D

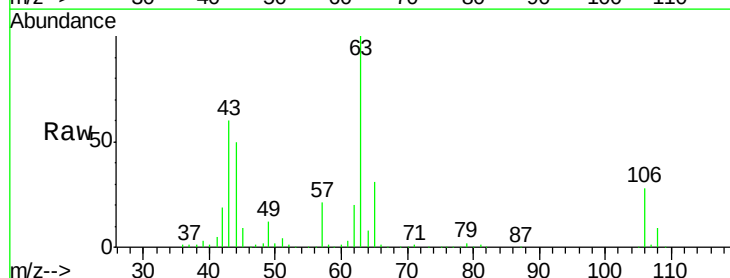
Acq: 29 Mar 2018 22:22

Tgt Ion: 63 Resp: 236218

Ion Ratio Lower Upper

63 100

106 28.3 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

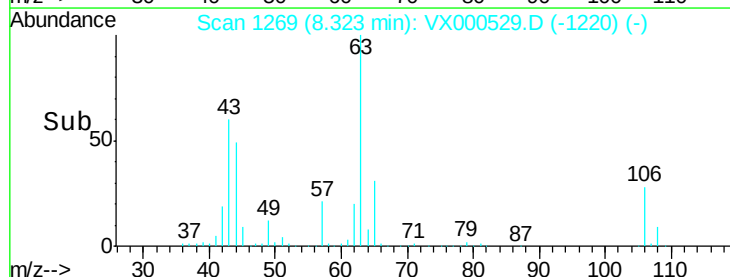
150000

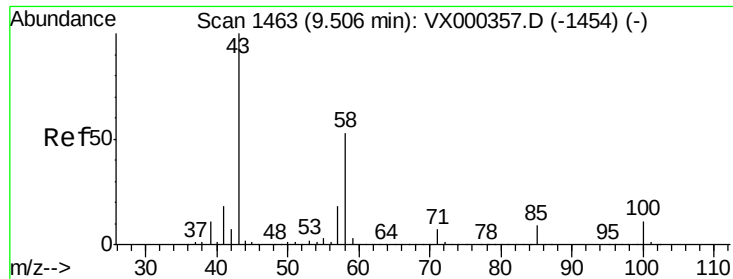
100000

50000

0

Time-->

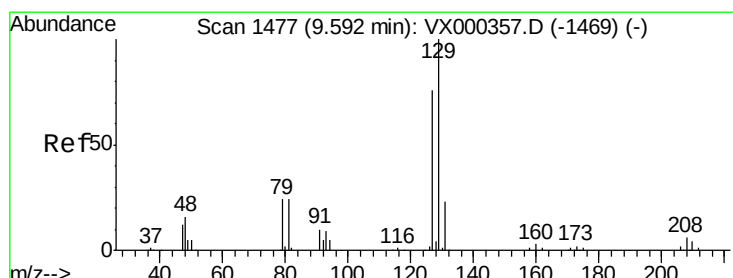
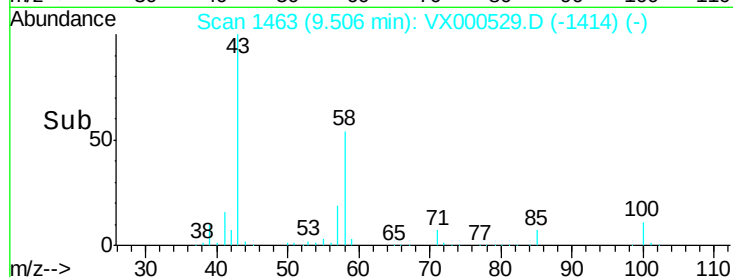
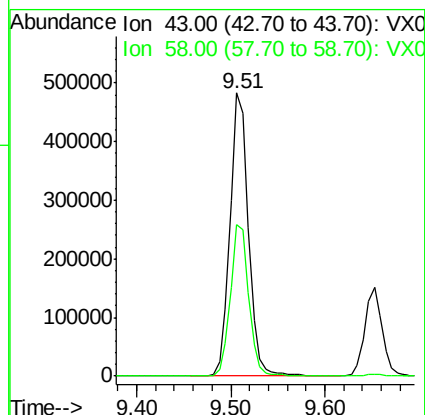
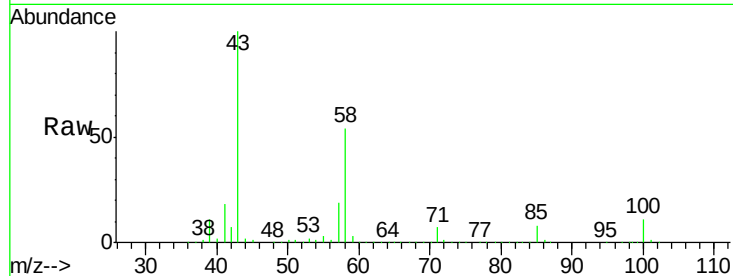




#59
2-Hexanone
Concen: 246.35 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

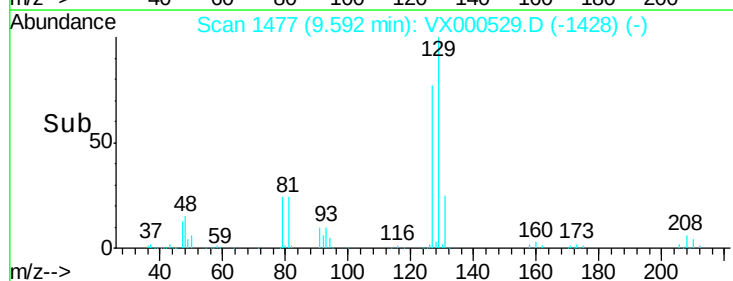
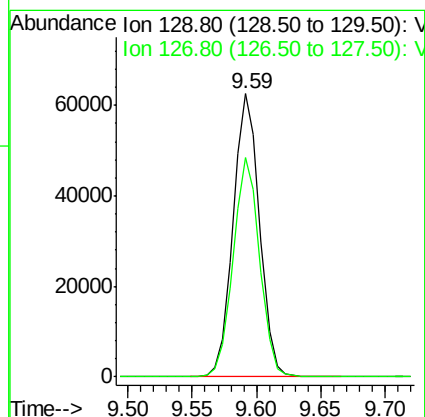
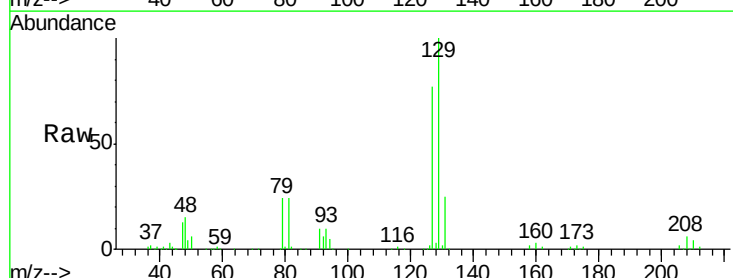
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

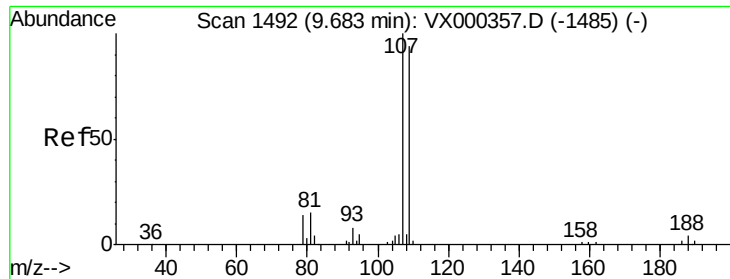
Tgt Ion: 43 Resp: 657309
Ion Ratio Lower Upper
43 100
58 53.7 26.6 79.7



#60
Dibromochloromethane
Concen: 45.76 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion: 129 Resp: 89509
Ion Ratio Lower Upper
129 100
127 77.8 37.9 113.6





#61

1,2-Dibromoethane

Concen: 51.96 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

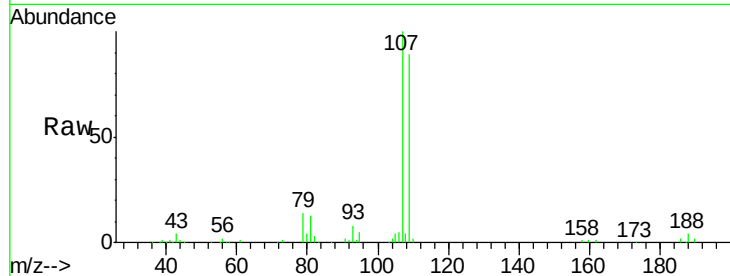
VSTDCCC050EC

Tgt Ion: 107 Resp: 92879

Ion Ratio Lower Upper

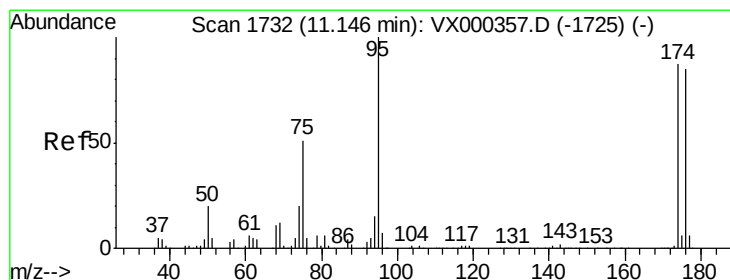
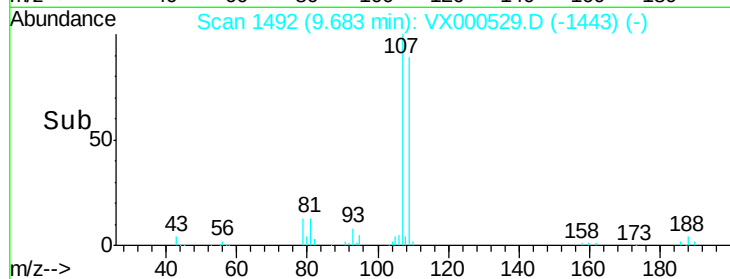
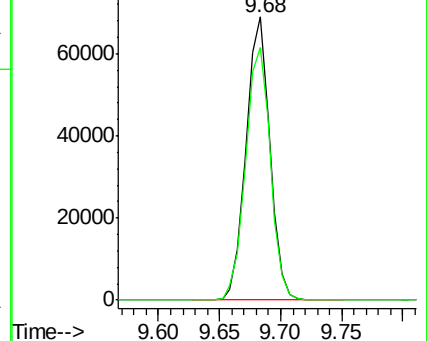
107 100

109 93.0 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.17 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

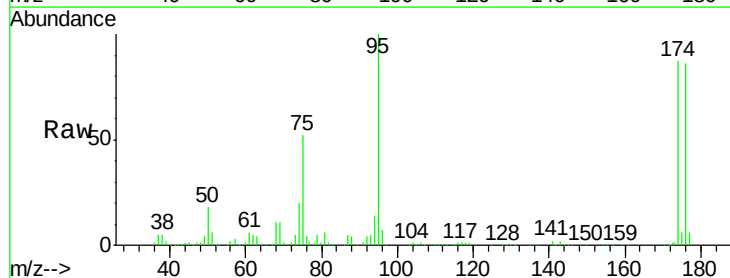
Tgt Ion: 95 Resp: 115314

Ion Ratio Lower Upper

95 100

174 88.3 0.0 173.6

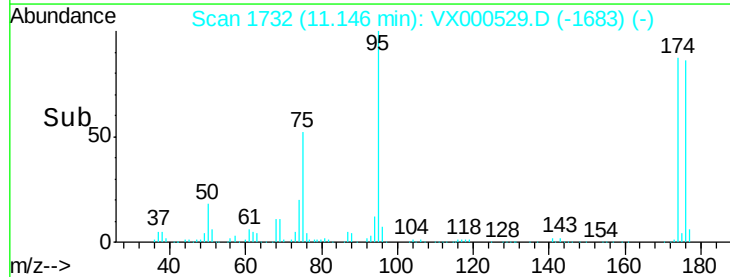
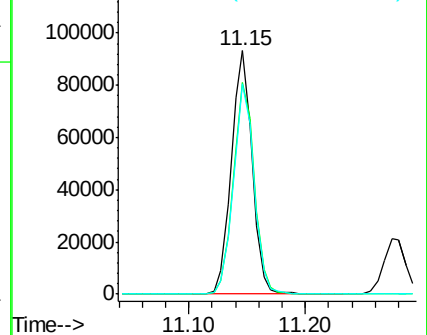
176 86.1 0.0 164.6

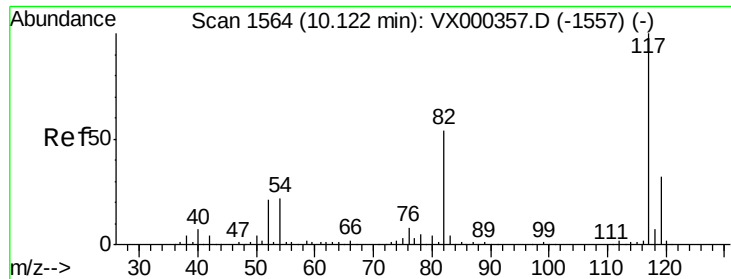


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

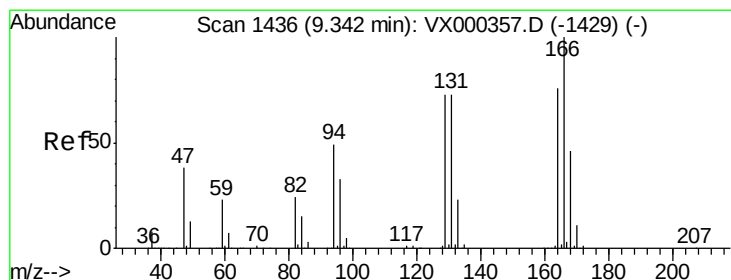
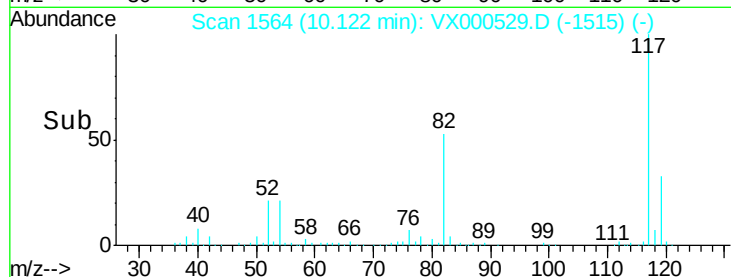
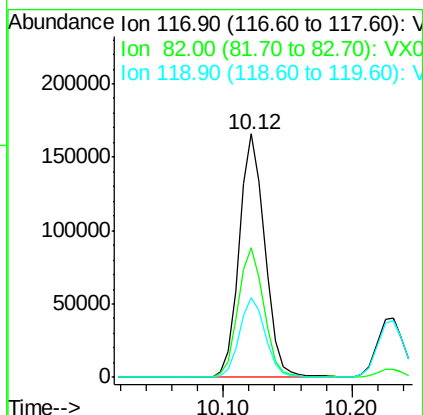
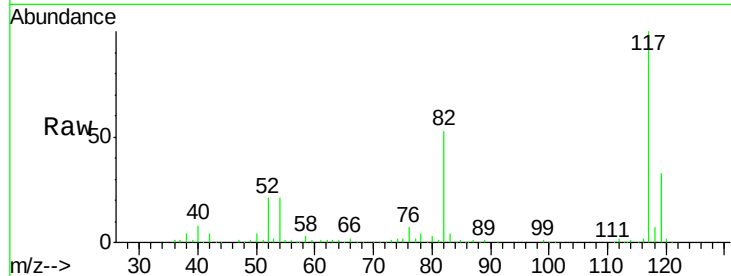




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

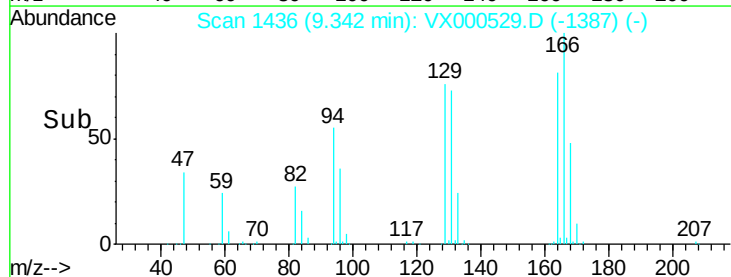
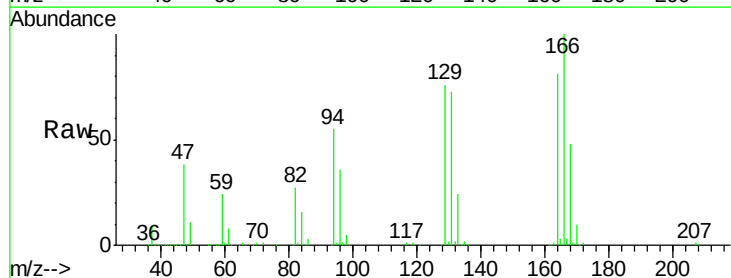
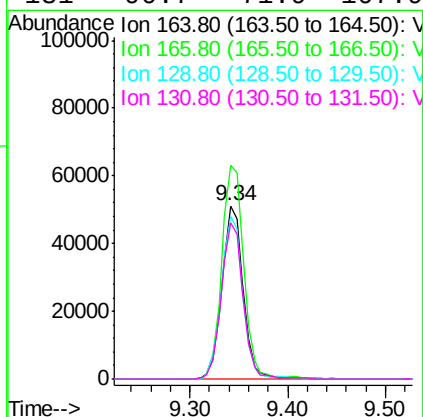
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

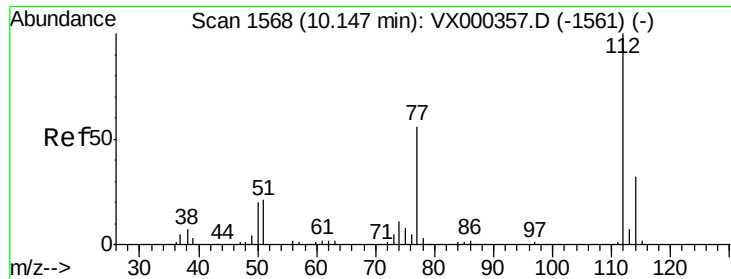
Tgt Ion:117 Resp: 228622
Ion Ratio Lower Upper
117 100
82 53.3 43.8 65.8
119 32.6 24.9 37.3



#64
Tetrachloroethene
Concen: 43.41 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion:164 Resp: 77017
Ion Ratio Lower Upper
164 100
166 123.5 101.0 151.6
129 93.9 79.0 118.4
131 90.7 71.9 107.9

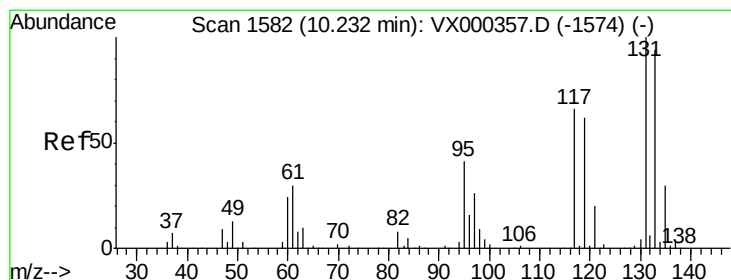
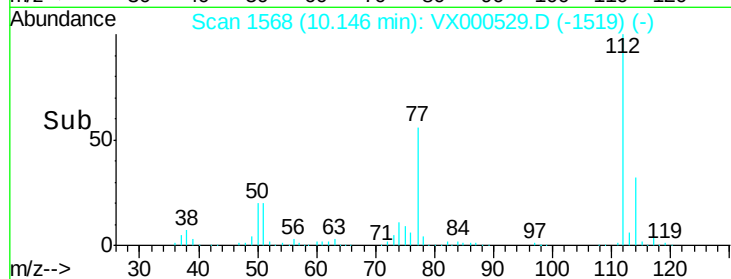
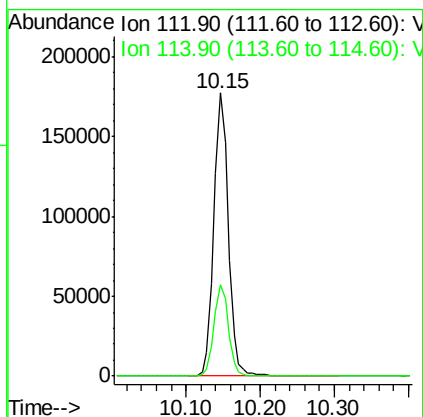
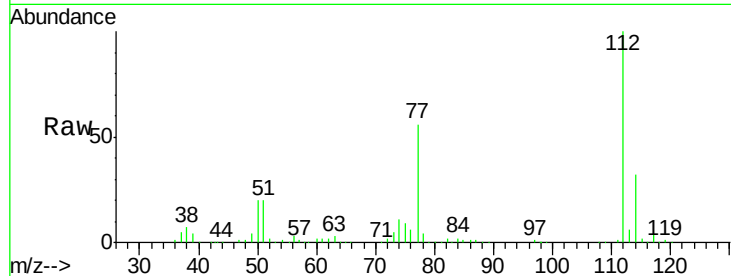




#65
Chlorobenzene
Concen: 46.55 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

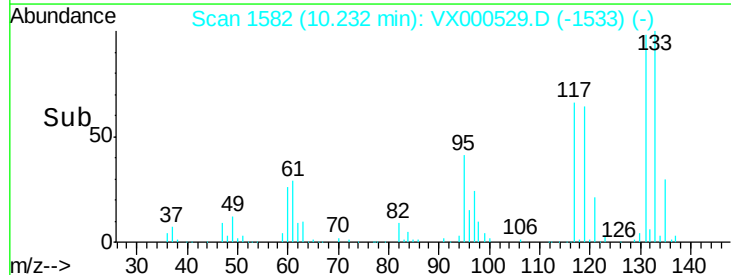
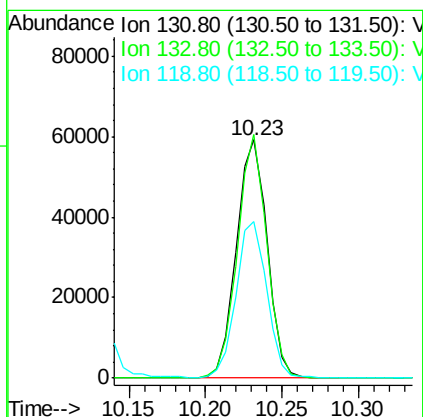
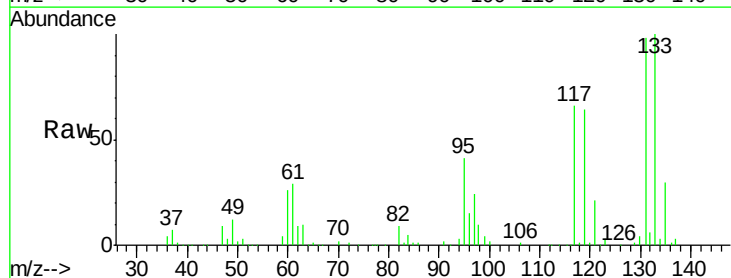
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

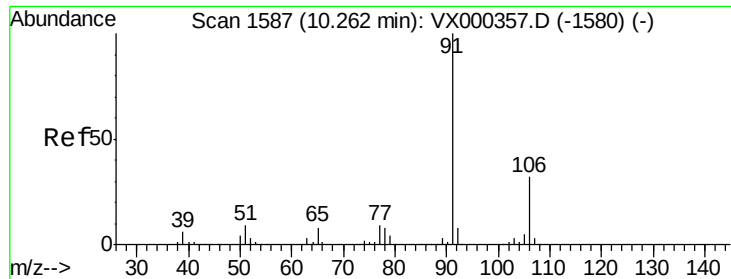
Tgt Ion:112 Resp: 236863
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 47.55 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion:131 Resp: 82170
Ion Ratio Lower Upper
131 100
133 97.8 47.1 141.3
119 66.0 33.1 99.2

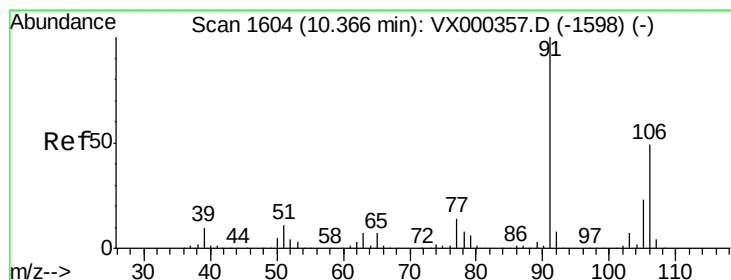
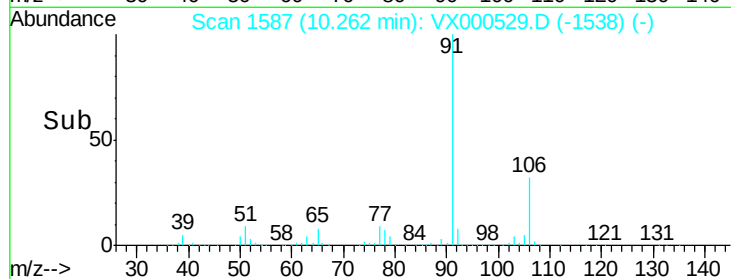
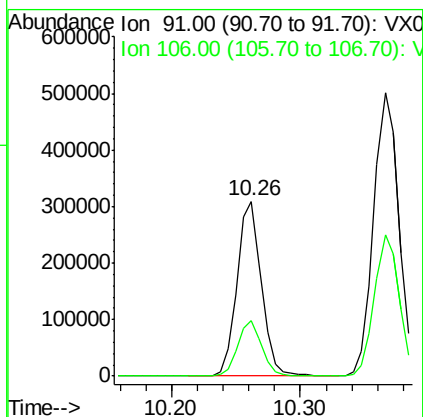
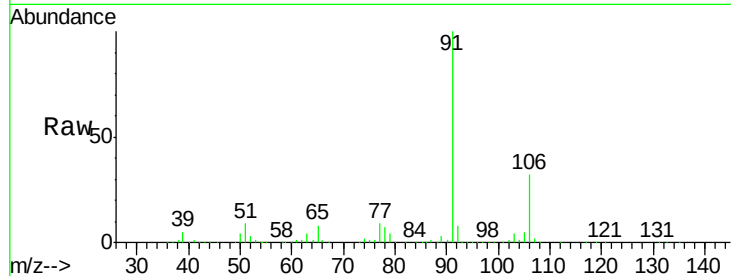




#67
Ethyl Benzene
Concen: 47.39 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

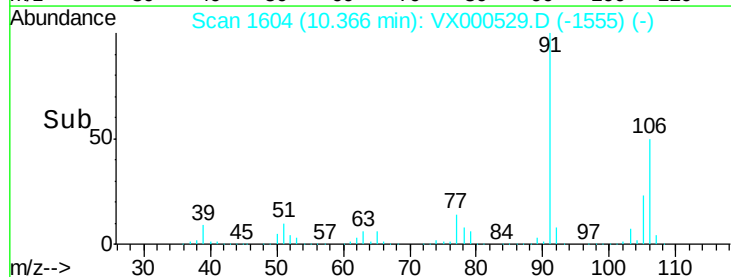
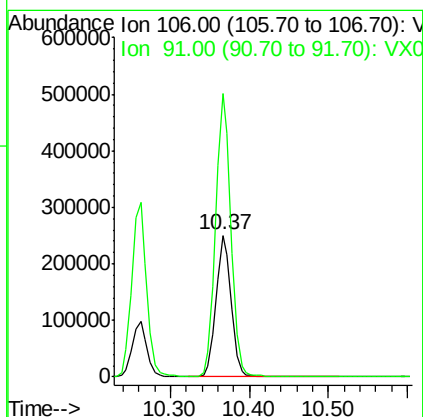
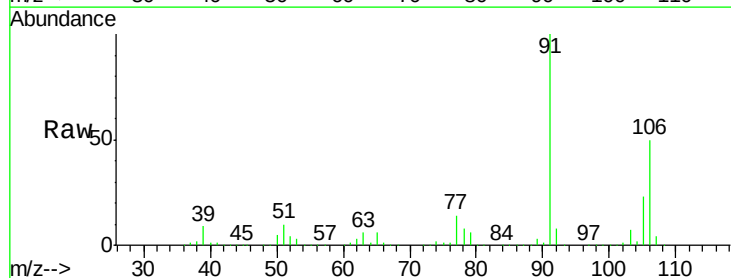
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

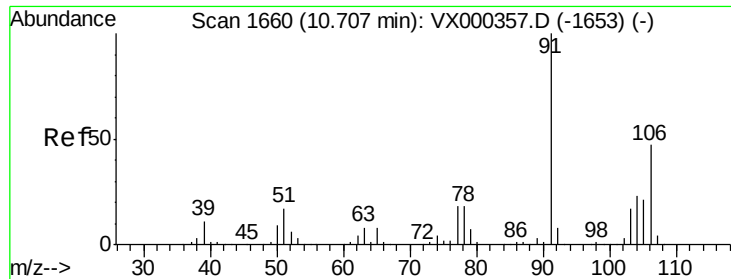
Tgt Ion: 91 Resp: 408762
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 99.38 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion: 106 Resp: 337295
Ion Ratio Lower Upper
106 100
91 201.6 163.4 245.2

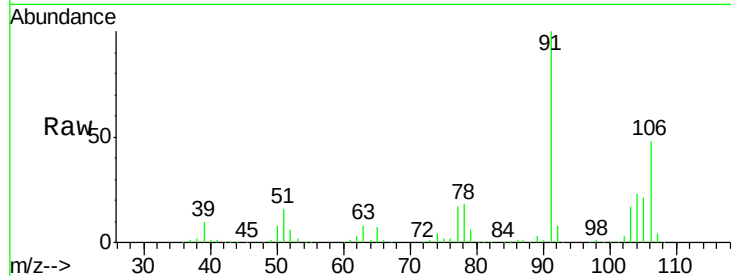




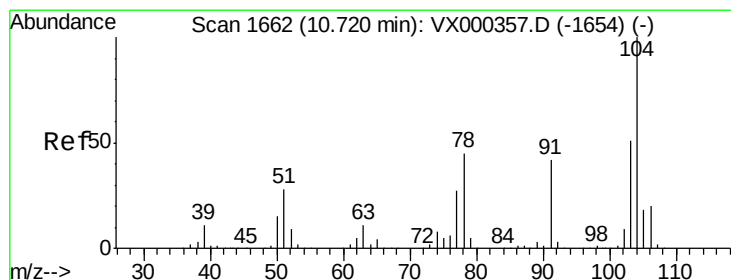
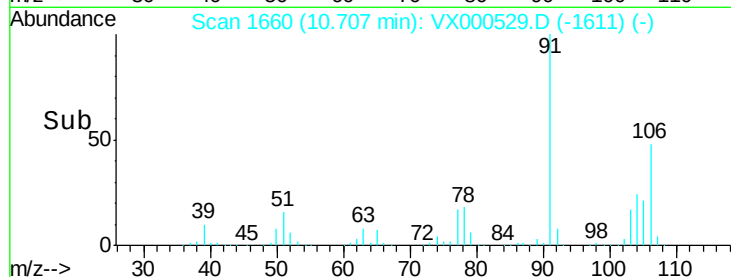
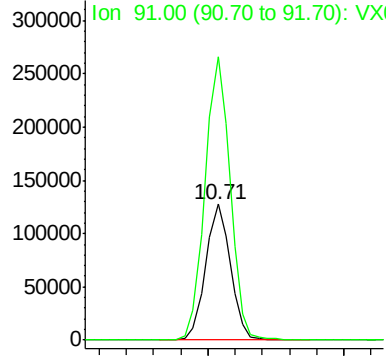
#69
o-Xylene
Concen: 49.34 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 162120
Ion Ratio Lower Upper
106 100
91 212.4 106.5 319.6

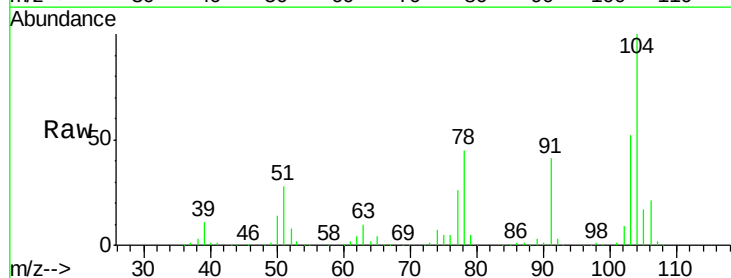


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

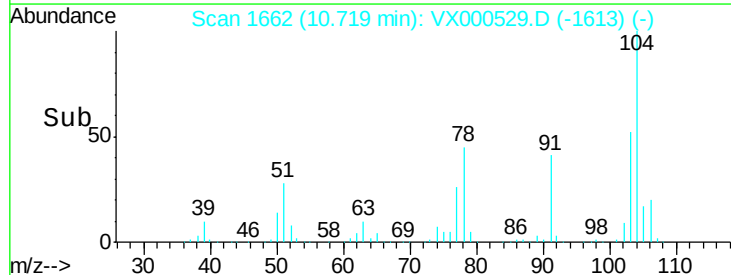
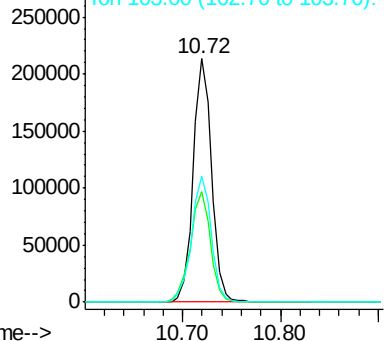


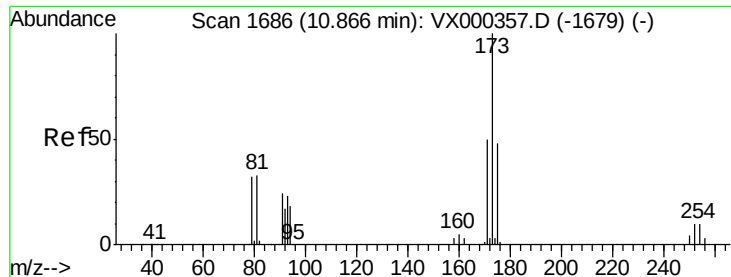
#70
Styrene
Concen: 51.31 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion:104 Resp: 278981
Ion Ratio Lower Upper
104 100
78 49.7 40.5 60.7
103 55.7 45.7 68.5



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

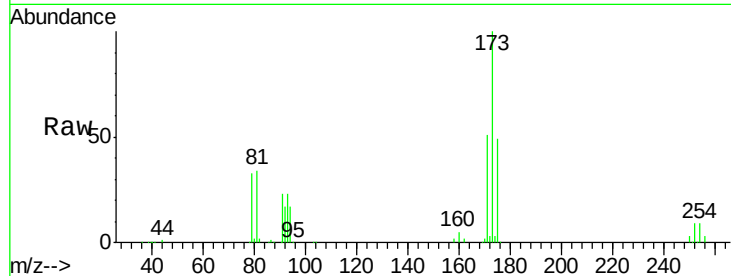




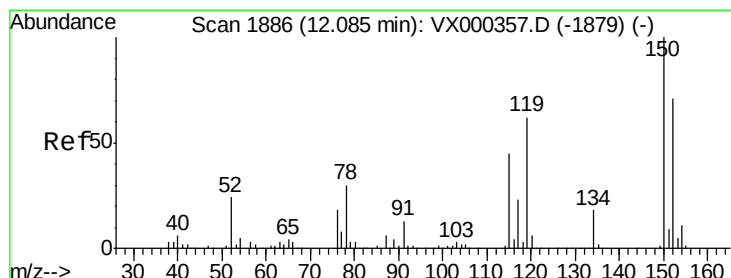
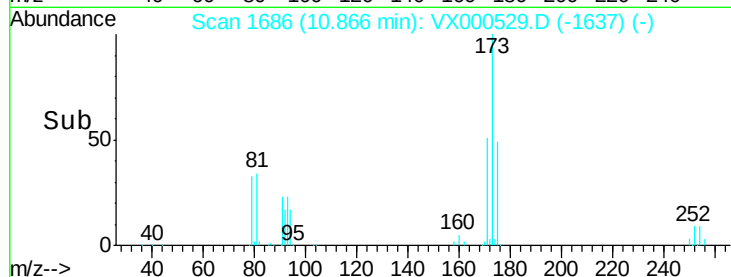
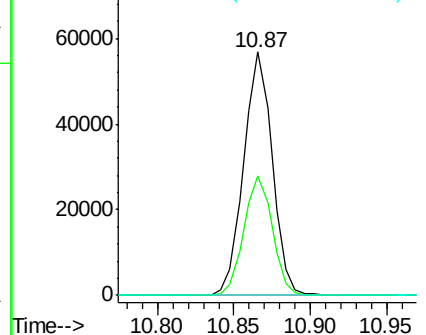
#71
Bromoform
Concen: 41.79 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 73694
Ion Ratio Lower Upper
173 100
175 48.8 25.4 76.4
254 0.0 0.0 0.0

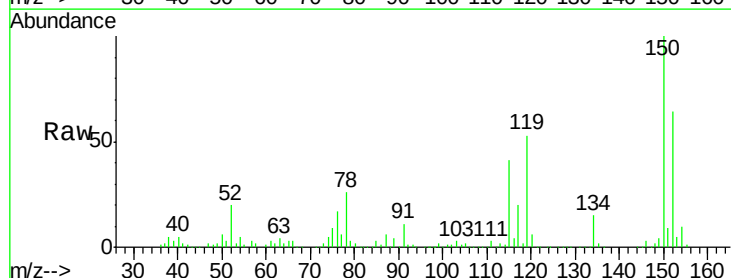


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

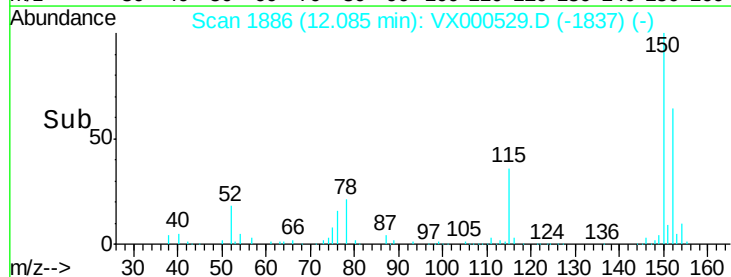
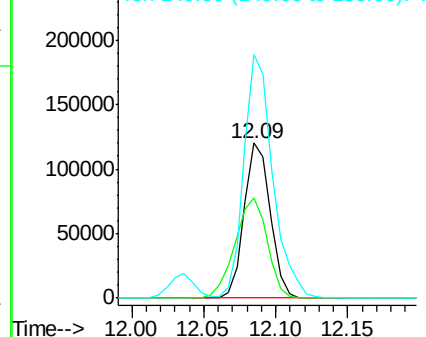


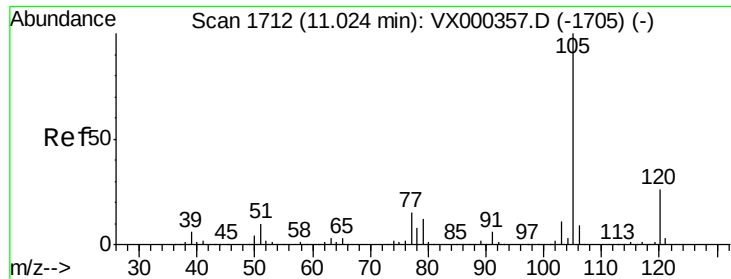
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion:152 Resp: 151220
Ion Ratio Lower Upper
152 100
115 80.3 39.8 119.3
150 173.9 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

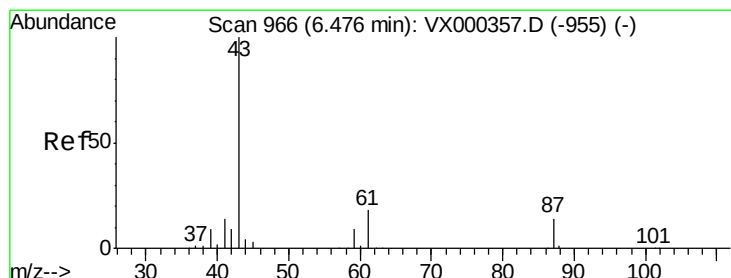
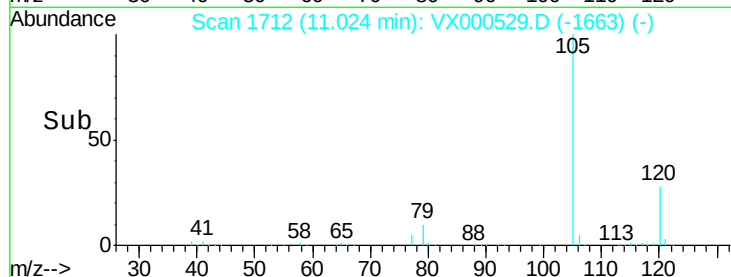
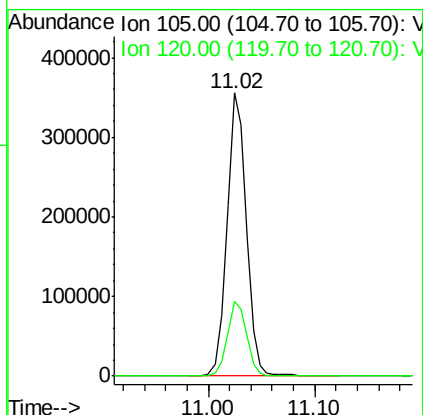
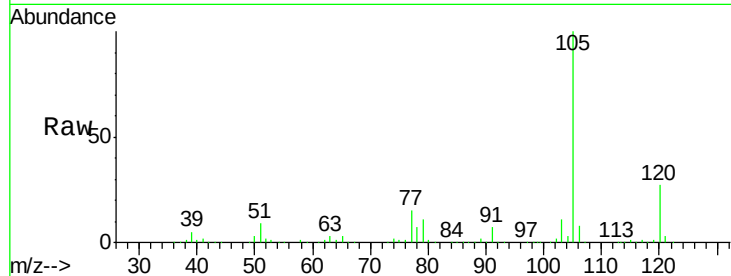




#73
Isopropylbenzene
Concen: 45.16 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

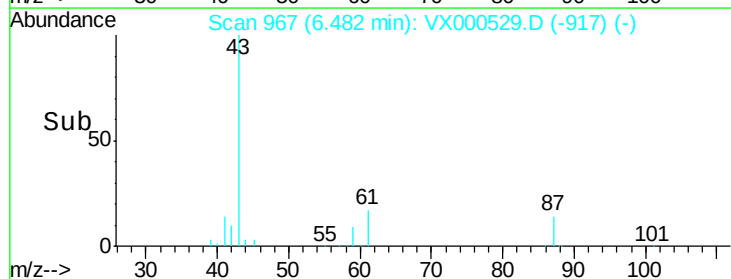
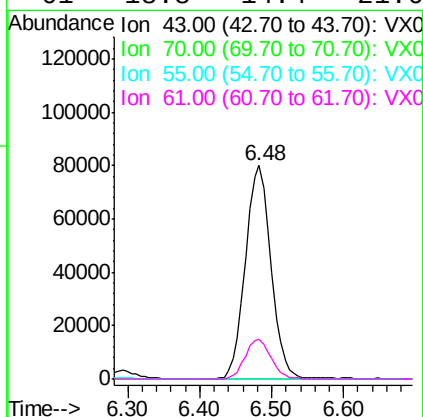
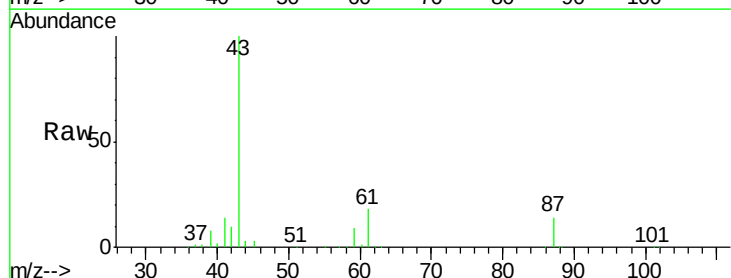
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

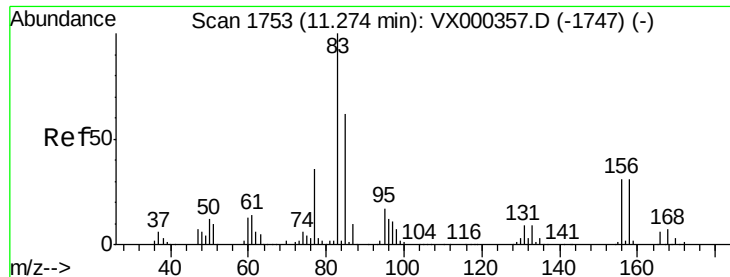
Tgt Ion:105 Resp: 452489
Ion Ratio Lower Upper
105 100
120 26.7 13.6 40.7



#74
N-ethyl acetate
Concen: 44.88 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion: 43 Resp: 197475
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: 46.11 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

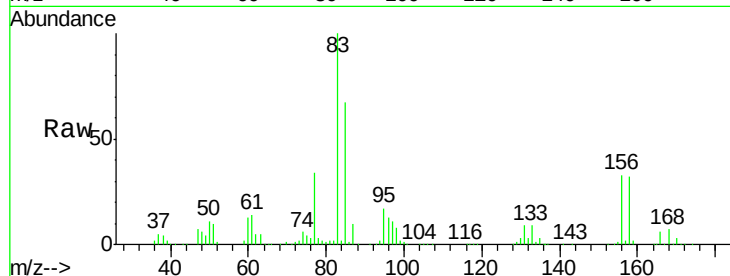
Tgt Ion: 83 Resp: 163396

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

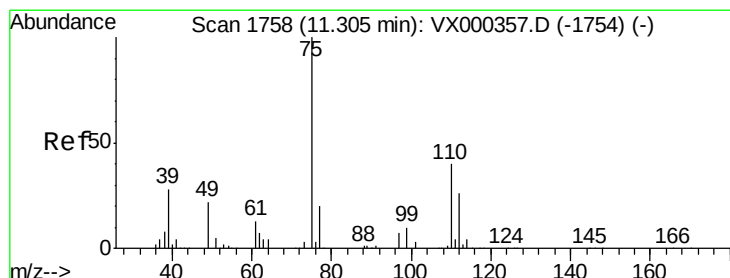
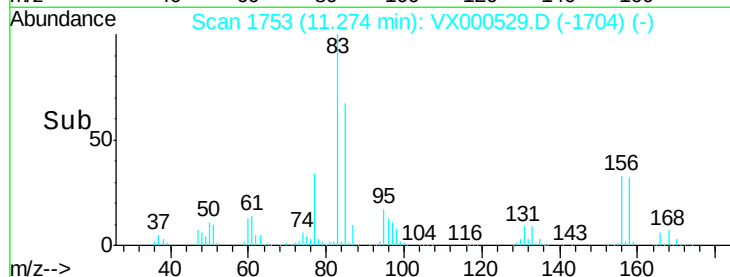
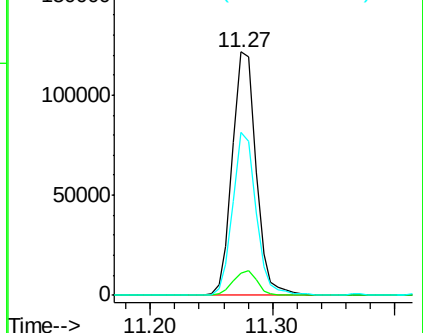
85 65.5 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.35 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000529.D

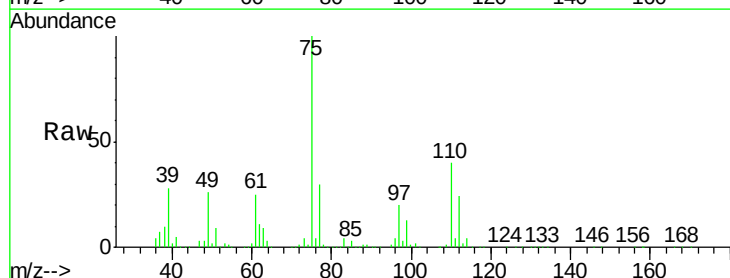
Acq: 29 Mar 2018 22:22

Tgt Ion: 75 Resp: 183124

Ion Ratio Lower Upper

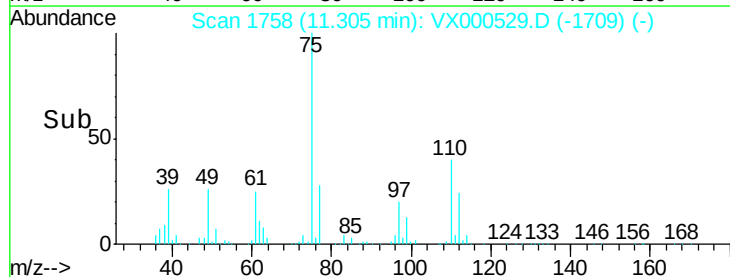
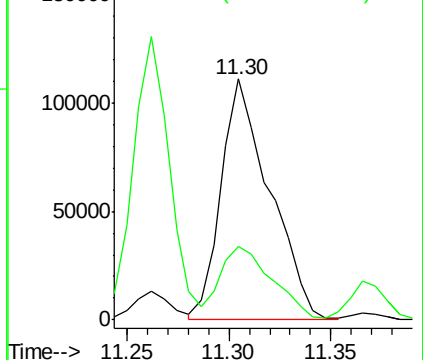
75 100

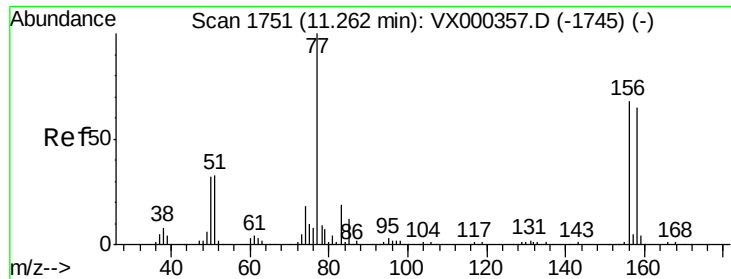
77 32.8 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 42.63 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

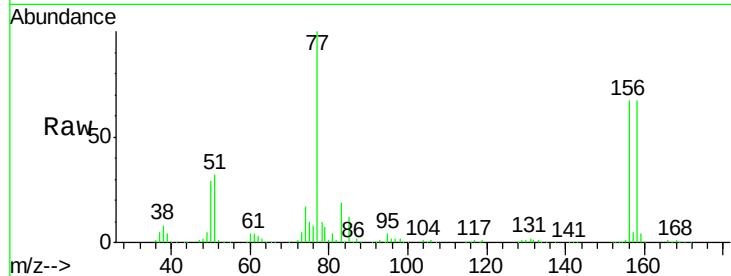
Tgt Ion:156 Resp: 113779

Ion Ratio Lower Upper

156 100

77 142.3 73.4 220.2

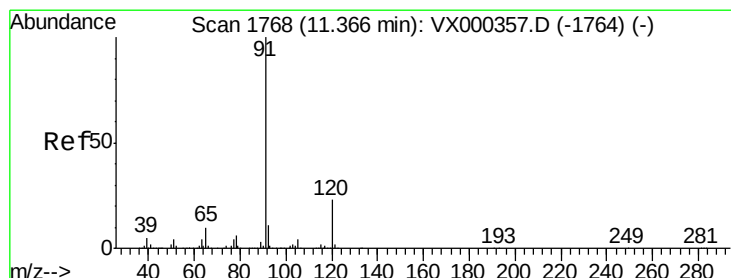
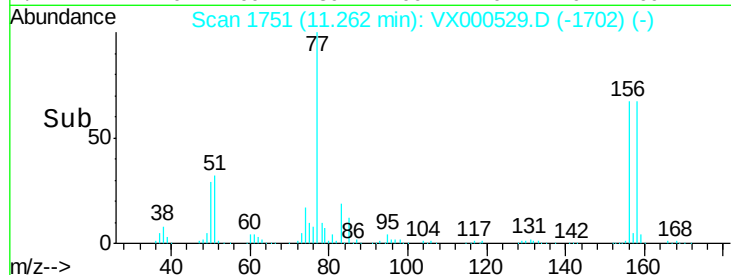
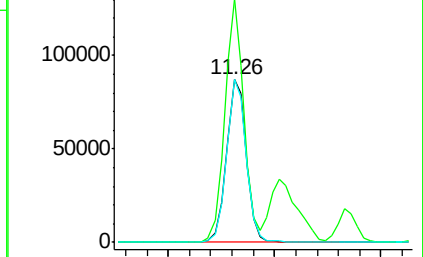
158 98.3 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.66 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000529.D

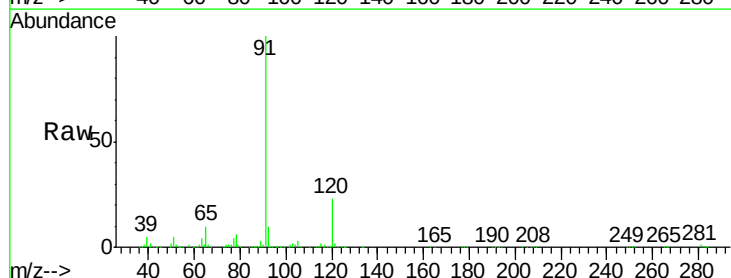
Acq: 29 Mar 2018 22:22

Tgt Ion: 91 Resp: 533524

Ion Ratio Lower Upper

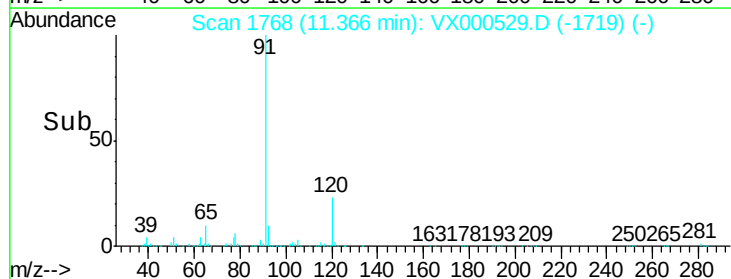
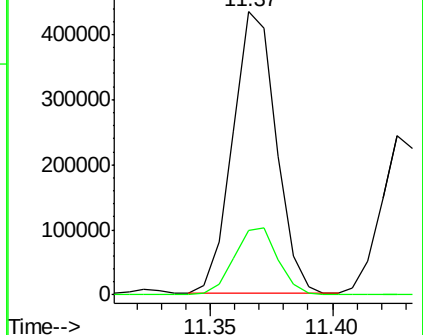
91 100

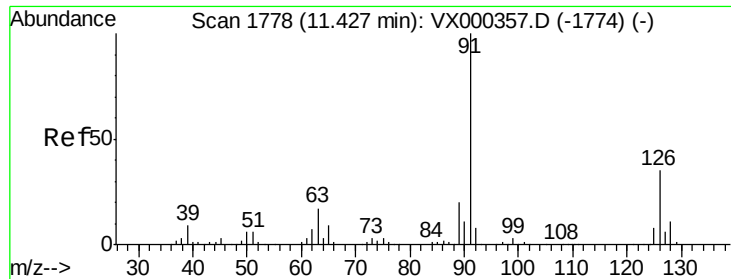
120 24.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

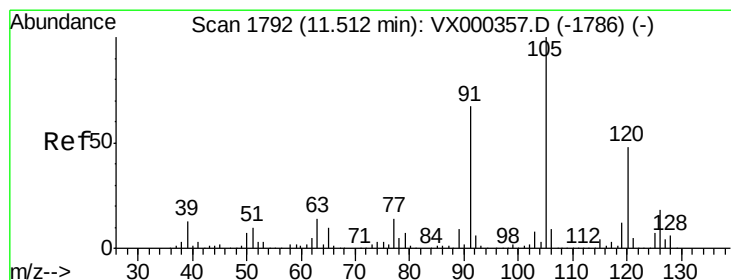
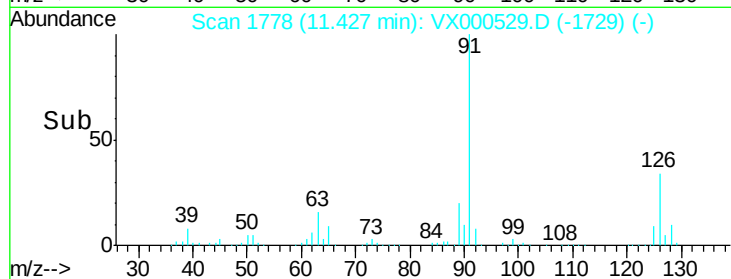
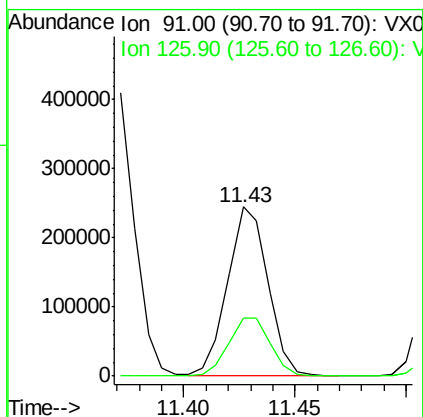
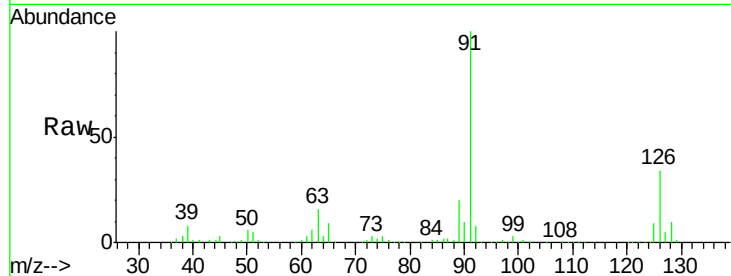




#79
2-Chlorotoluene
Concen: 44.32 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

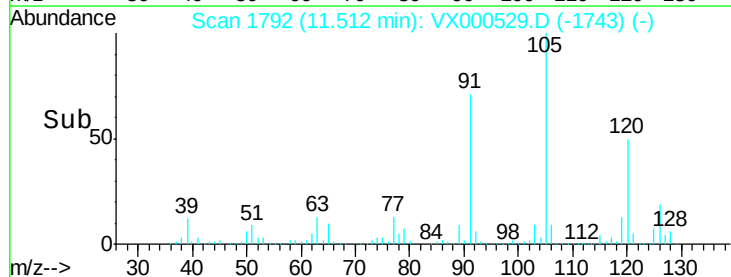
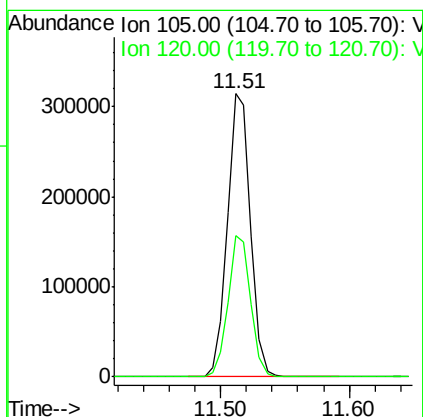
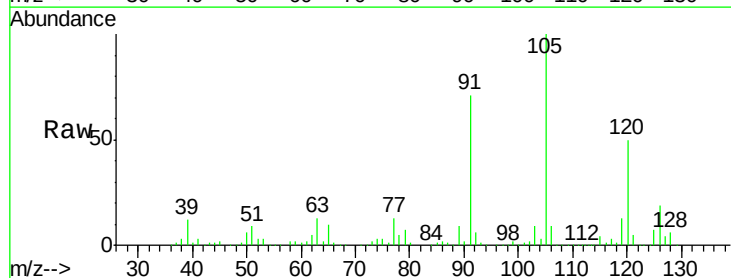
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

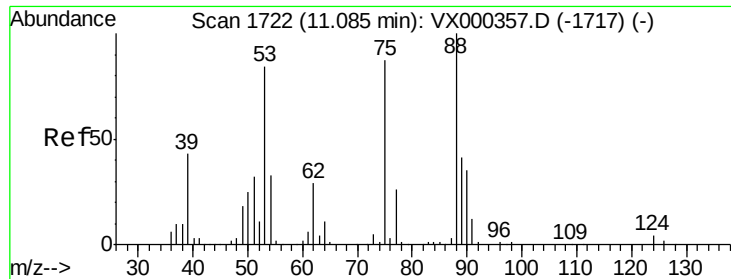
Tgt Ion: 91 Resp: 305849
Ion Ratio Lower Upper
91 100
126 36.2 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 46.91 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion: 105 Resp: 395166
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.4

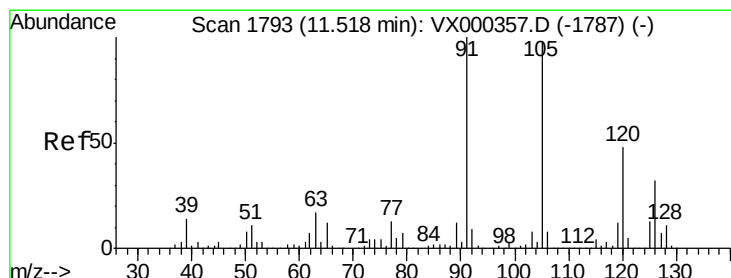
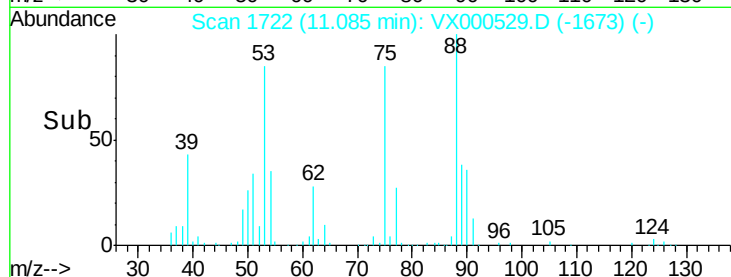
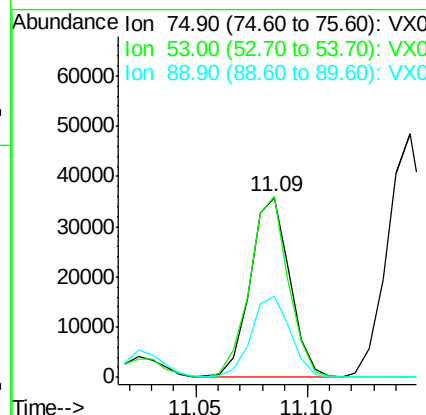
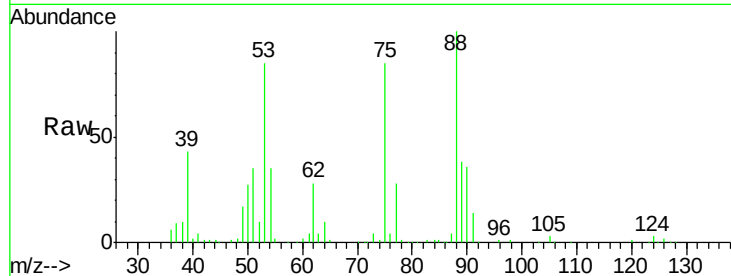




#81
trans-1,4-Dichloro-2-butene
Concen: 43.69 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

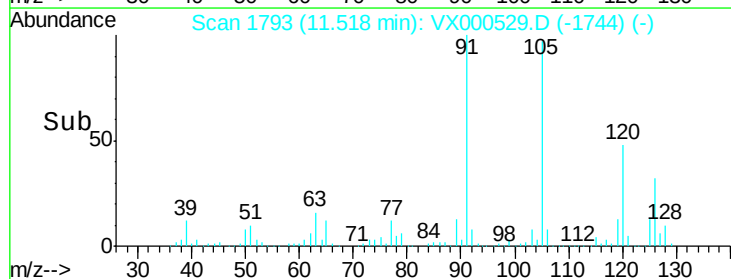
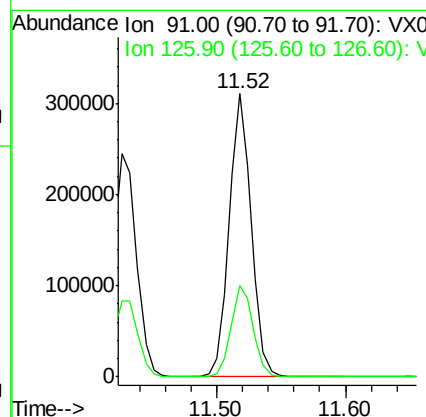
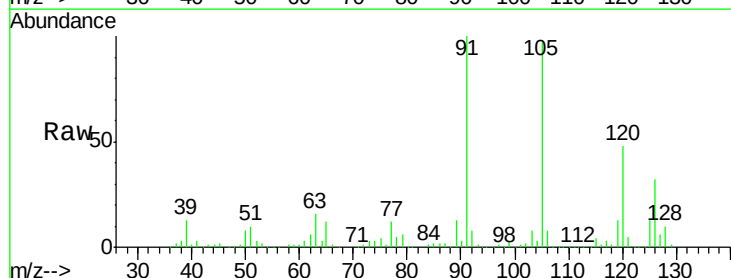
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

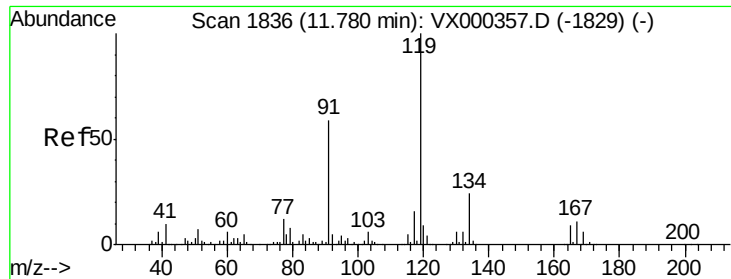
Tgt Ion: 75 Resp: 43854
Ion Ratio Lower Upper
75 100
53 99.9 80.7 121.1
89 45.5 39.4 59.0



#82
4-Chlorotoluene
Concen: 45.58 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion: 91 Resp: 375638
Ion Ratio Lower Upper
91 100
126 32.4 15.4 46.1

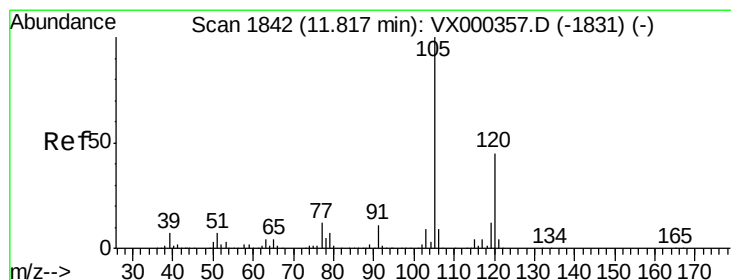
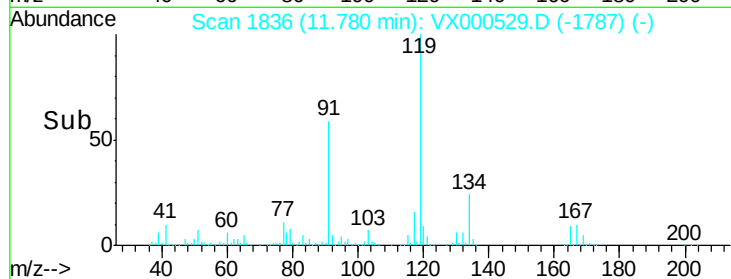
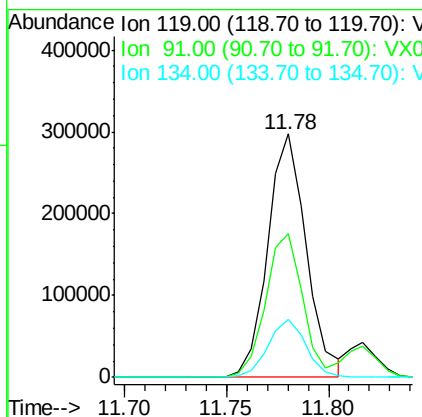
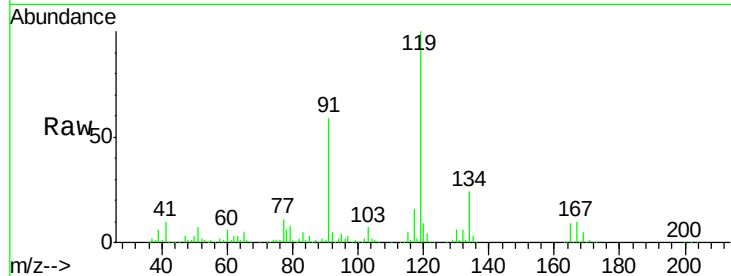




#83
 tert-Butylbenzene
 Concen: 46.02 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

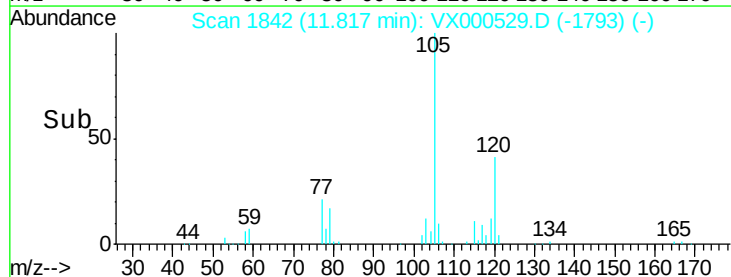
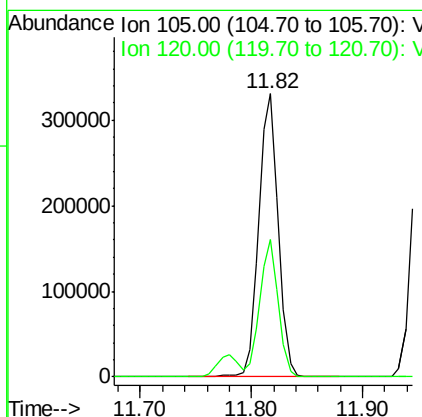
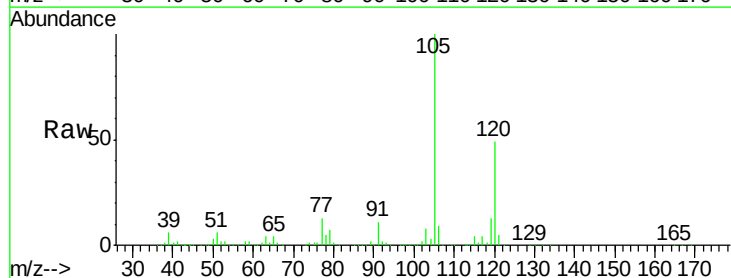
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

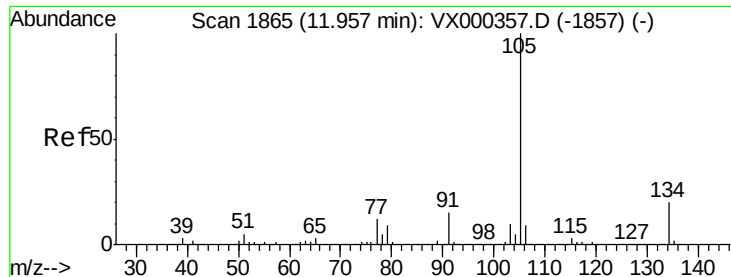
Tgt Ion:119 Resp: 391005
 Ion Ratio Lower Upper
 119 100
 91 56.6 28.8 86.4
 134 23.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 45.82 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Tgt Ion:105 Resp: 404735
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.4 67.3





#85

sec-Butylbenzene

Concen: 46.93 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

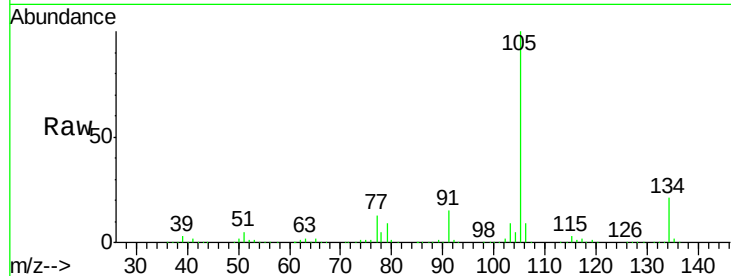
VSTDCCC050EC

Tgt Ion:105 Resp: 493364

Ion Ratio Lower Upper

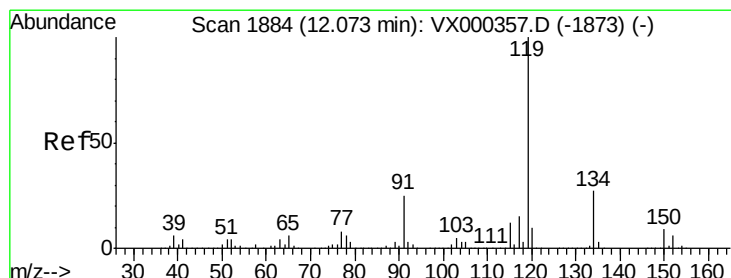
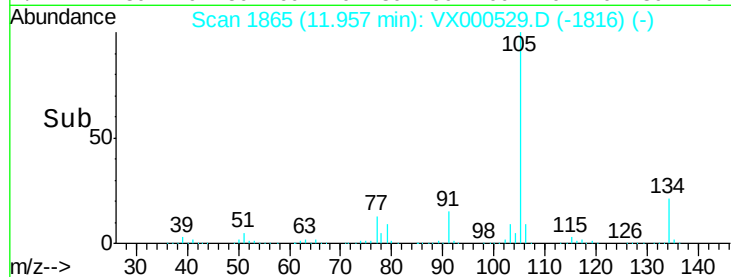
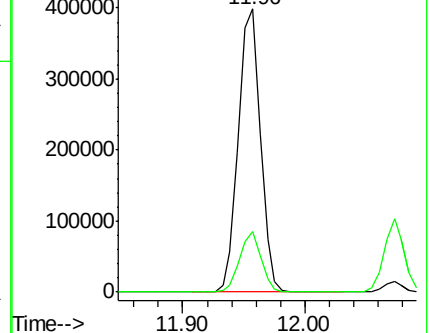
105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.94 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

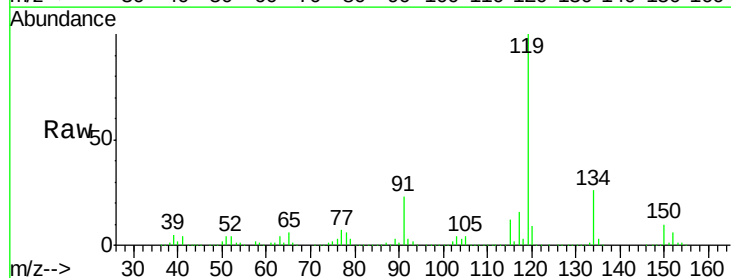
Tgt Ion:119 Resp: 447564

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

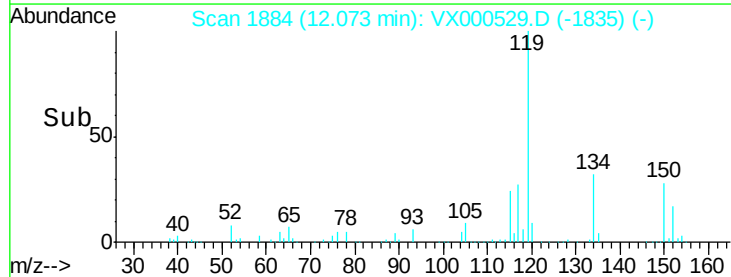
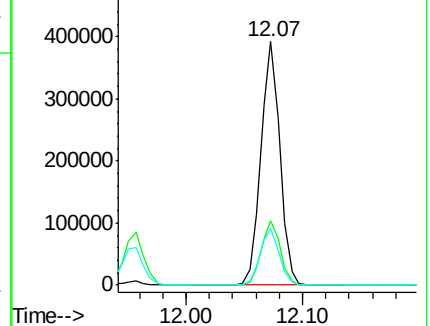
91 23.4 12.0 36.1

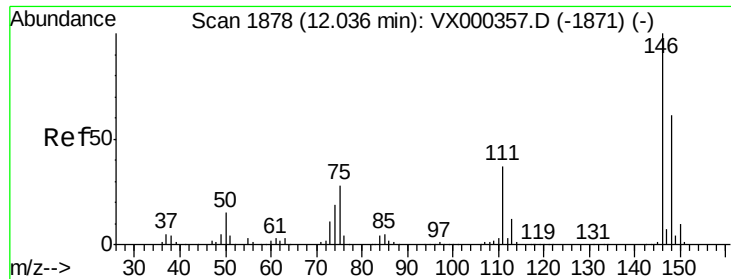


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

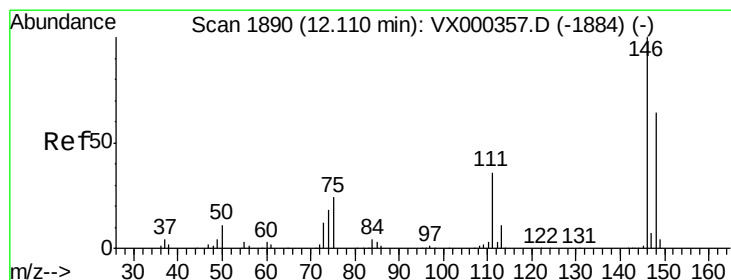
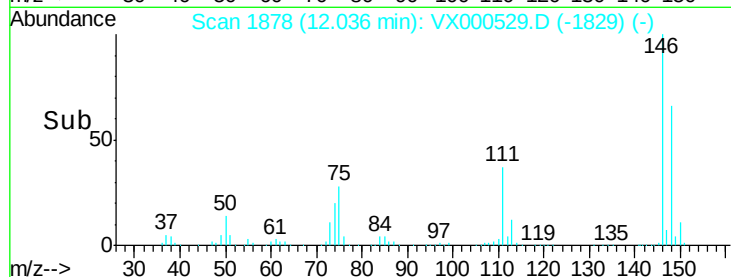
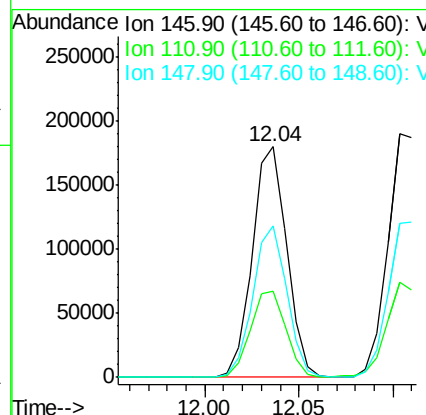
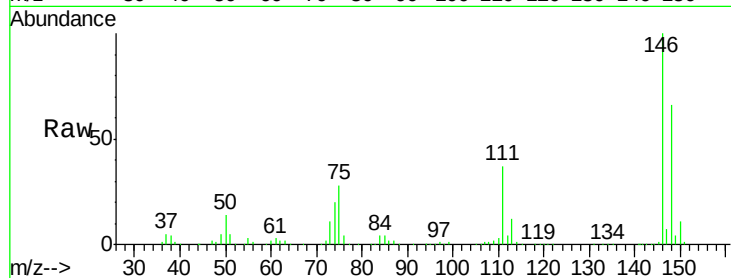




#87
 1,3-Dichlorobenzene
 Concen: 45.19 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

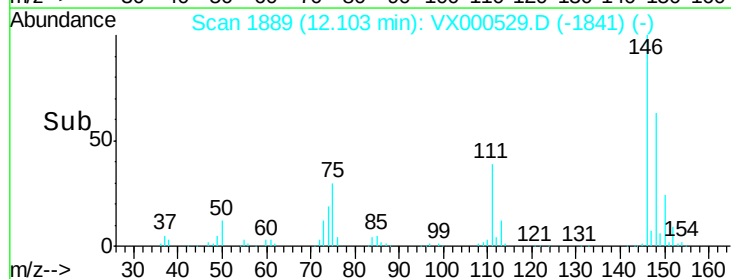
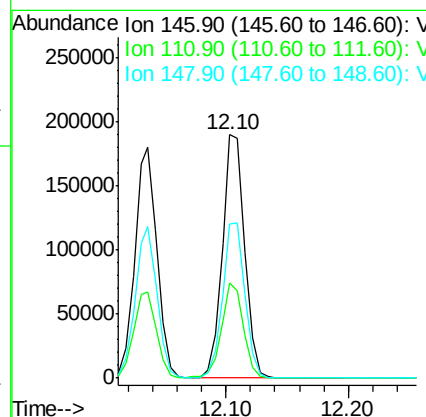
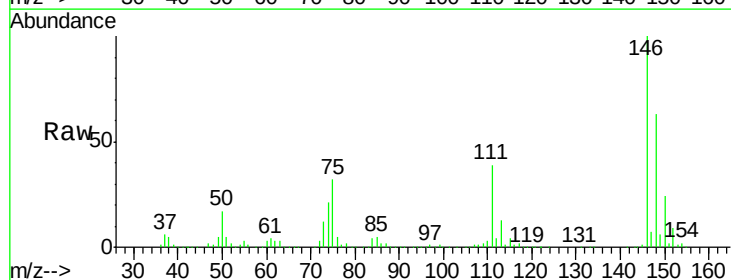
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

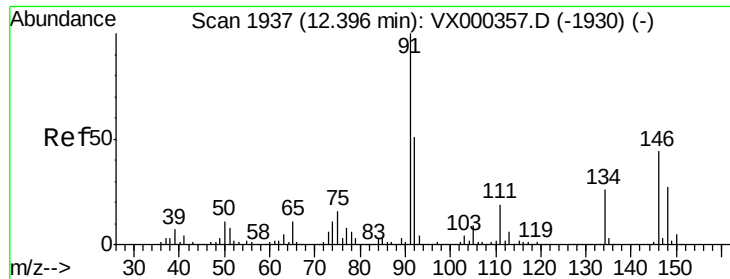
Tgt Ion:146 Resp: 228079
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.5 58.5
 148 64.7 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 45.51 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Tgt Ion:146 Resp: 241113
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.9 56.9
 148 64.3 31.0 93.0





#89

n-Butylbenzene

Concen: 46.90 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

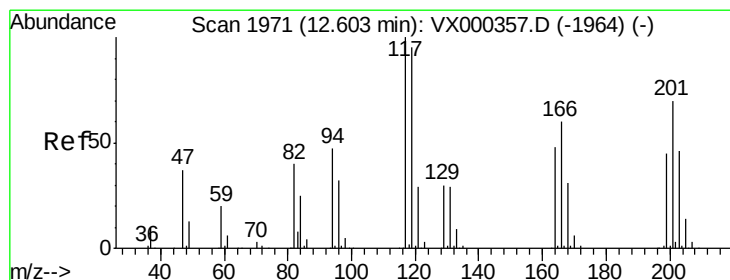
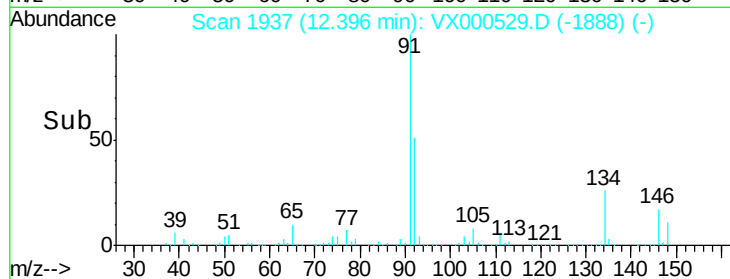
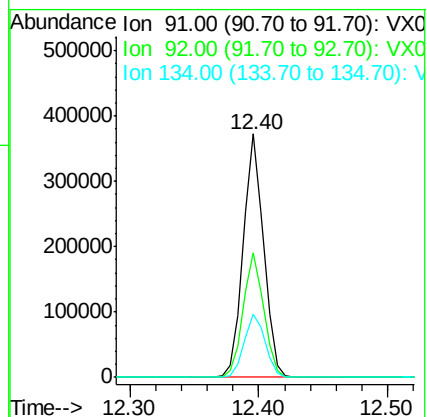
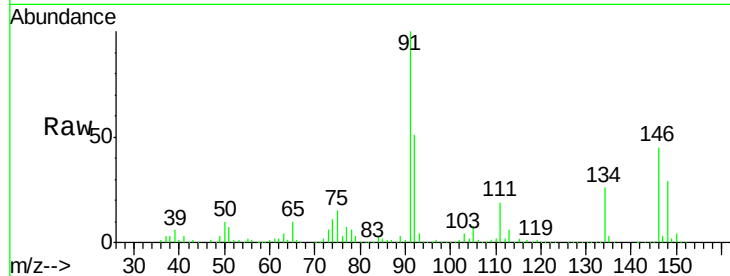
Tgt Ion: 91 Resp: 407752

Ion Ratio Lower Upper

91 100

92 51.7 25.9 77.8

134 26.7 13.1 39.3



#90

Hexachloroethane

Concen: 46.20 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000529.D

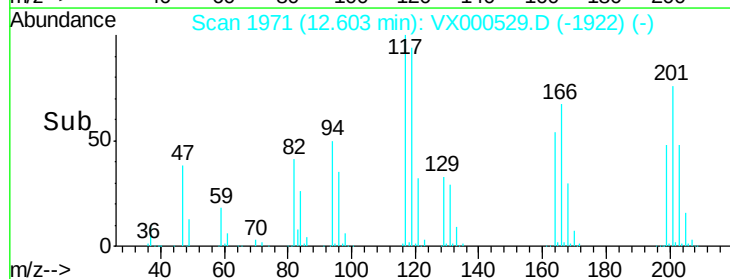
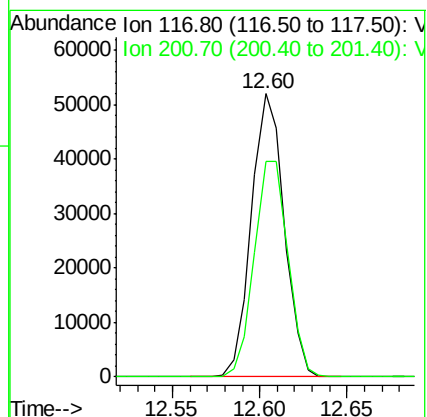
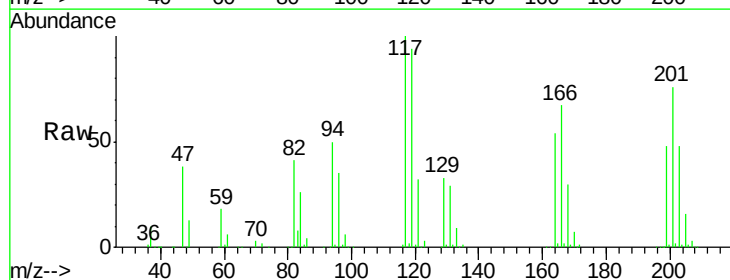
Acq: 29 Mar 2018 22:22

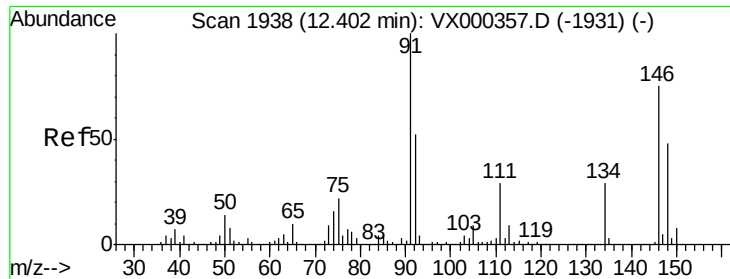
Tgt Ion: 117 Resp: 67903

Ion Ratio Lower Upper

117 100

201 78.6 37.9 113.6

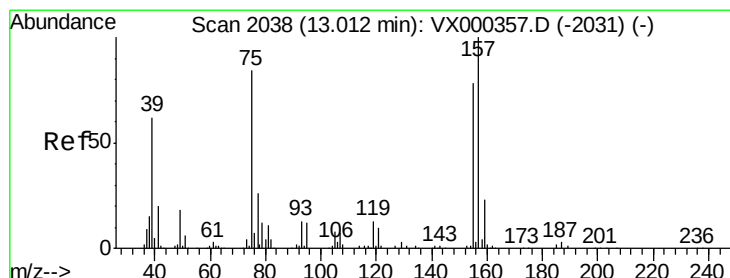
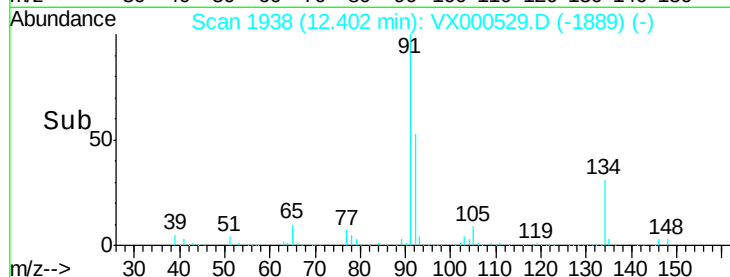
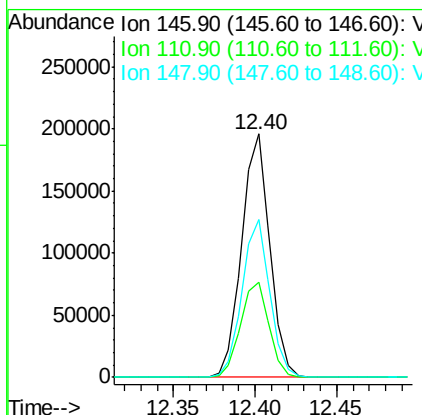
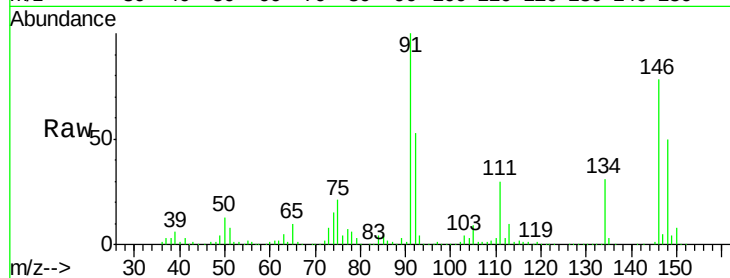




#91
 1,2-Dichlorobenzene
 Concen: 47.71 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

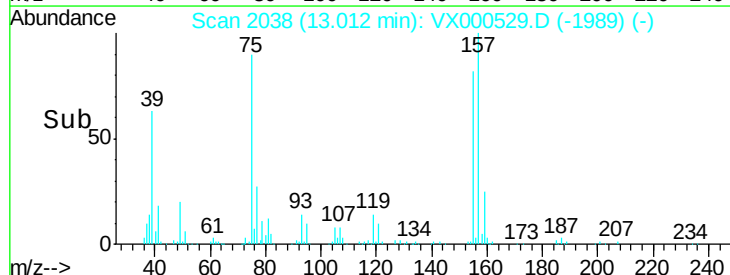
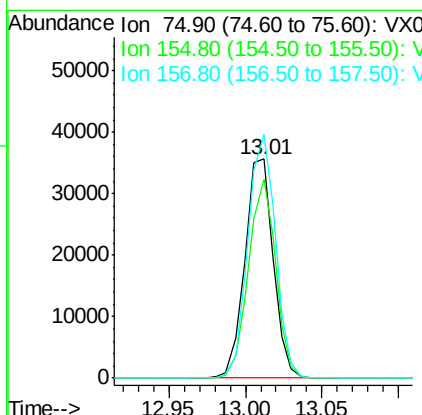
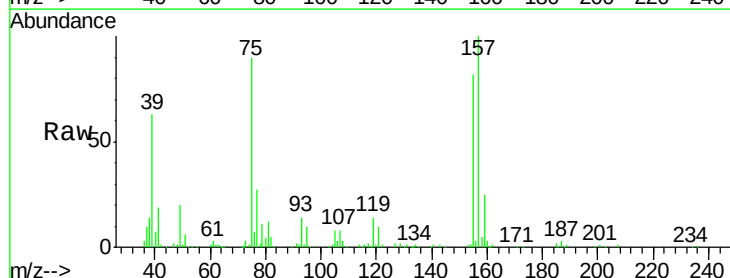
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

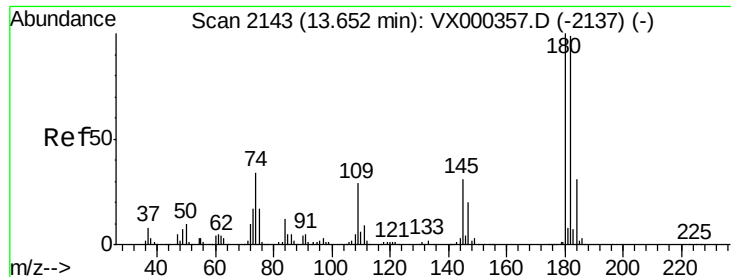
Tgt Ion: 146 Resp: 236077
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.1 60.2
 148 63.9 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.51 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Tgt Ion: 75 Resp: 45963
 Ion Ratio Lower Upper
 75 100
 155 86.9 45.0 134.8
 157 108.2 58.1 174.2

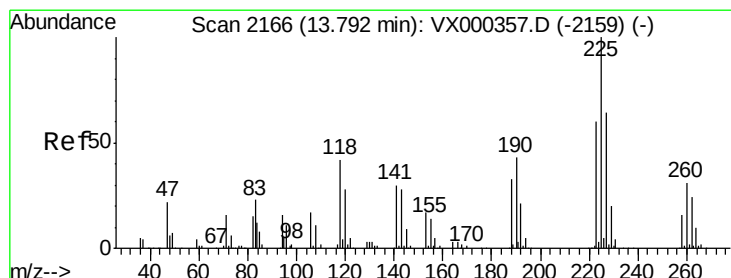
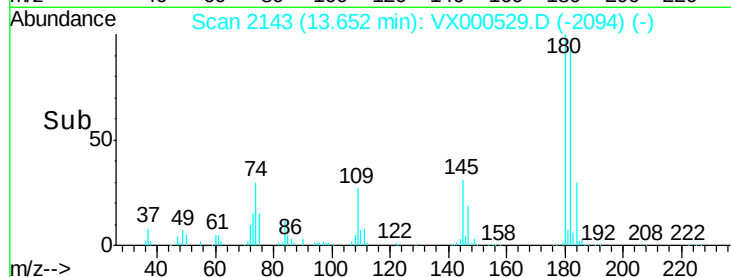
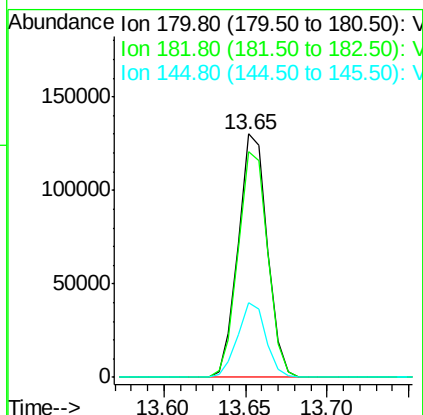
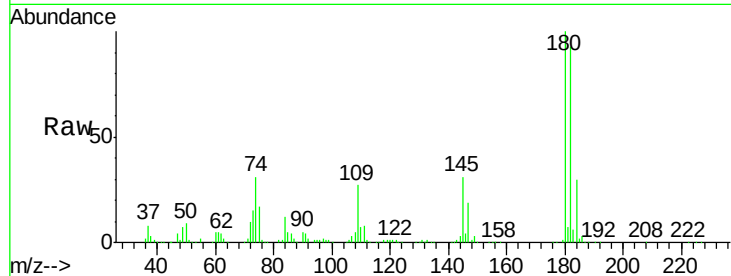




#93
 1,2,4-Trichlorobenzene
 Concen: 45.73 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

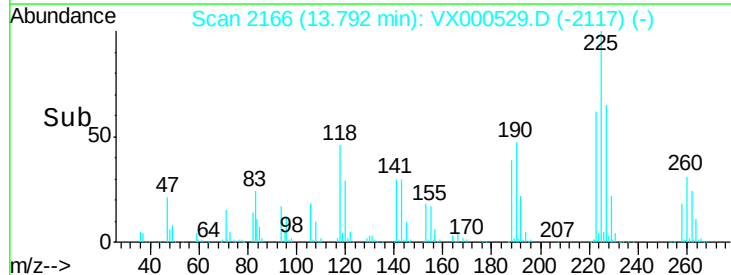
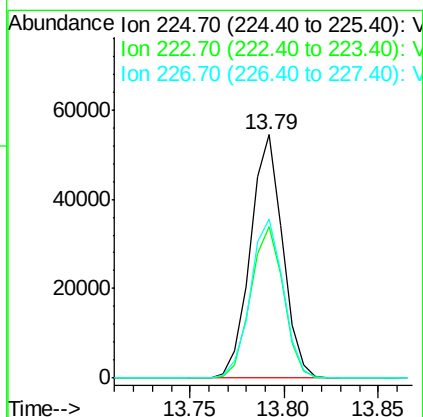
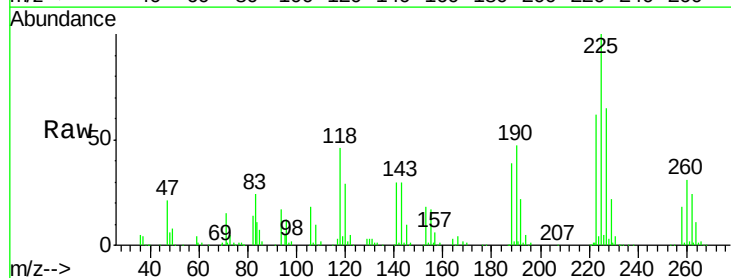
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

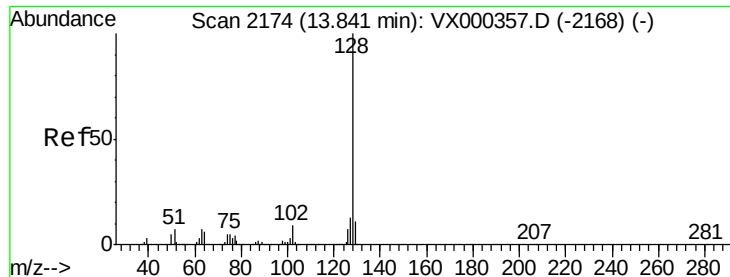
Tgt Ion:180 Resp: 162215
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.6 142.9
 145 29.7 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 43.85 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Tgt Ion:225 Resp: 64404
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.0 96.0
 227 66.7 32.6 98.0





#95

Naphthalene

Concen: 48.07 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

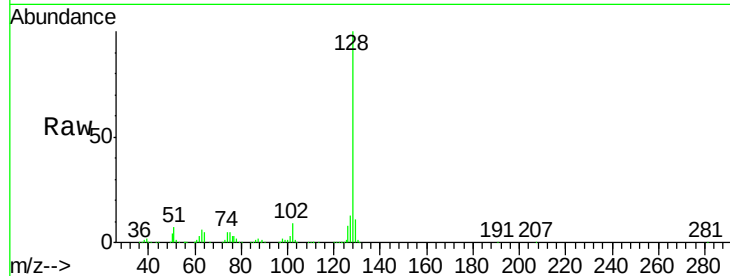
Tgt Ion:128 Resp: 594012

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

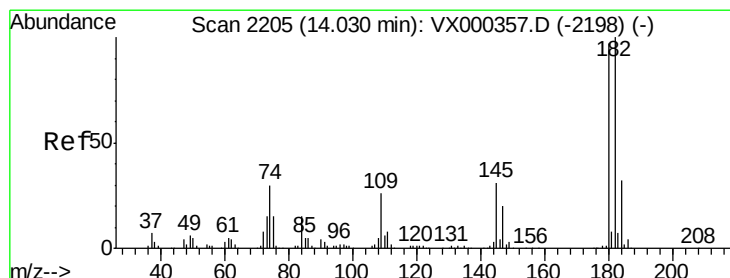
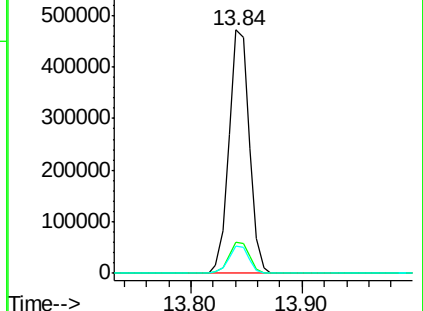
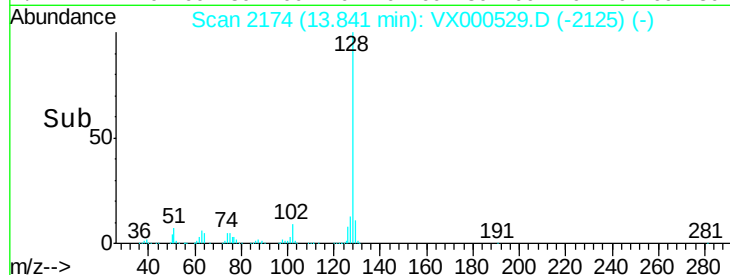
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.80 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

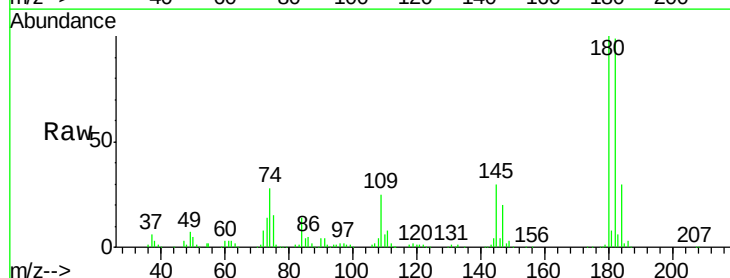
Tgt Ion:180 Resp: 164028

Ion Ratio Lower Upper

180 100

182 96.8 47.4 142.3

145 31.1 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

