

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003237.D
 Acq On : 07 Jul 2018 02:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 07 03:13:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	76979	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	330681	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	318115	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	123116	20.94	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	69.80%
60) 4-Bromofluorobenzene	11.14	95	144882	27.58	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.93%
63) Toluene-d8	8.72	98	364358	26.22	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	87.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	110555	30.09	ug/l	99
3) Chloromethane	1.32	50	119175	29.88	ug/l	98
4) Vinyl Chloride	1.40	62	129200	29.07	ug/l	97
5) Bromomethane	1.64	94	41752	16.08	ug/l	97
6) Chloroethane	1.71	64	78843	26.38	ug/l	97
7) Trichlorofluoromethane	1.92	101	205723	26.04	ug/l	92
8) Diethyl Ether	2.19	74	77624	27.56	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119676	26.47	ug/l	96
10) 1,1-Dichloroethene	2.37	96	109690	27.56	ug/l	89
11) Methyl Iodide	2.51	142	121143	26.43	ug/l	95
12) Methyl Acetate	2.78	43	173384	26.85	ug/l	98
13) Acrolein	2.29	56	70151	152.77	ug/l	98
14) Acrylonitrile	3.15	53	345367	142.18	ug/l	99
15) Acetone	2.45	58	94673	140.22	ug/l	93
16) Carbon Disulfide	2.57	76	272038	27.30	ug/l	99
17) Allyl chloride	2.73	41	205025	25.89	ug/l	97
18) Methylene Chloride	2.85	84	129254	28.38	ug/l	97
19) trans-1,2-Dichloroethene	3.16	96	117276	27.48	ug/l	97
20) Diisopropyl ether	3.88	45	408600	27.69	ug/l	99
21) 1,1-Dichloroethane	3.70	63	226063	28.49	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	153155	33.39	ug/l #	73
23) tert-Butyl Alcohol	3.09	59	155178	140.71	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	395631	26.63	ug/l	96
25) Chloroform	5.22	83	256478	32.21	ug/l	97
26) Cyclohexane	5.57	56	204820	30.38	ug/l #	93
29) 1,1-Dichloropropene	5.80	75	178630	40.00	ug/l	97
30) 2-Butanone	4.71	43	544940	213.26	ug/l	96
31) 2,2-Dichloropropane	4.59	77	139152	29.16	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	222722	41.29	ug/l	98
33) Carbon Tetrachloride	5.78	117	200000	41.25	ug/l	95
34) Benzene	6.15	78	547135	41.37	ug/l	99
35) Methacrylonitrile	5.07	41	119220	42.85	ug/l	96
36) 1,2-Dichloroethane	6.20	62	205727	39.62	ug/l	97
37) Trichloroethene	7.21	130	160921	41.55	ug/l	93
38) Methylcyclohexane	7.46	83	205742	37.87	ug/l	97
39) 1,2-Dichloropropane	7.52	63	142446	41.29	ug/l	98
40) Dibromomethane	7.67	93	98775	41.21	ug/l	94

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	188199	41.80	ug/l	97
42) Vinyl Acetate	3.82	43	1739434	179.49	ug/l	99
43) Ethyl Acetate	4.87	43	207276	42.41	ug/l	97
44) Isopropyl Acetate	6.47	43	331877	40.53	ug/l	98
45) 1,4-Dioxane	7.76	88	73182	912.26	ug/l #	84
46) Methyl methacrylate	7.78	41	172395	41.20	ug/l	95
47) n-amyl Acetate	10.90	43	295149	38.20	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	209313	39.60	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	193208	39.14	ug/l	93
50) 1,1,2-Trichloroethane	9.22	97	147142	41.62	ug/l	99
51) Ethyl methacrylate	9.18	69	215828	40.44	ug/l	91
52) 1,3-Dichloropropane	9.38	76	240183	41.59	ug/l	99
53) Dibromochloromethane	9.59	129	159209	42.42	ug/l	99
54) 1,2-Dibromoethane	9.68	107	155602	41.77	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	490295	193.44	ug/l	98
56) Bromoform	10.86	173	126564	42.24	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	1091282	202.05	ug/l	96
59) 2-Hexanone	9.50	43	830843	201.23	ug/l	97
61) Tetrachloroethene	9.34	164	202161	46.30	ug/l	98
62) Toluene	8.79	91	610567	39.82	ug/l	99
64) Chlorobenzene	10.14	112	409708	40.22	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	154839	41.46	ug/l	99
66) Ethyl Benzene	10.26	91	679112	39.32	ug/l	99
67) m/p-Xylenes	10.36	106	532862	79.40	ug/l	96
68) o-Xylene	10.70	106	260589	39.86	ug/l	96
69) Styrene	10.71	104	441330	40.46	ug/l	97
70) Isopropylbenzene	11.02	105	707783	39.26	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	215635	40.01	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	245090	52.46	ug/l	91
73) Bromobenzene	11.26	156	198964	39.68	ug/l	92
74) n-propylbenzene	11.37	91	795359	38.00	ug/l	98
75) 2-Chlorotoluene	11.43	91	475738	39.06	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	593909	38.80	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	54859	36.51	ug/l	96
78) 4-Chlorotoluene	11.51	91	551278	38.21	ug/l	98
79) tert-butylbenzene	12.07	119	633449	37.52	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	604929	38.70	ug/l	98
81) sec-Butylbenzene	11.95	105	699817	37.37	ug/l	100
82) p-Isopropyltoluene	12.07	119	633449	37.52	ug/l	98
83) 1,3-Dichlorobenzene	12.03	146	357173	38.71	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	363236	38.98	ug/l	99
85) n-Butylbenzene	12.39	91	519252	34.70	ug/l	99
86) Hexachloroethane	12.60	117	94144	36.79	ug/l	92
87) 1,2-Dichlorobenzene	12.40	146	364979	39.17	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	48043	39.90	ug/l	90
89) 1,2,4-Trichlorobenzene	13.65	180	271069	38.54	ug/l	99
90) Hexachlorobutadiene	13.79	225	128832	35.19	ug/l	98
91) Naphthalene	13.84	128	768924	41.25	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	283993	40.59	ug/l	99

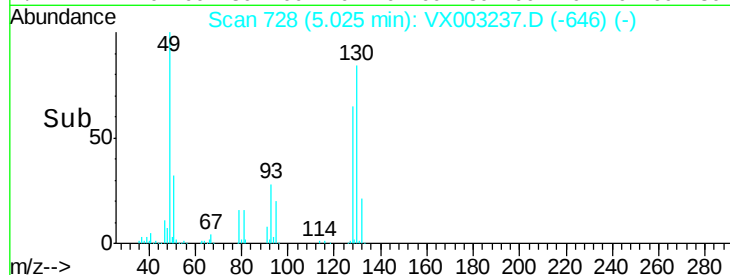
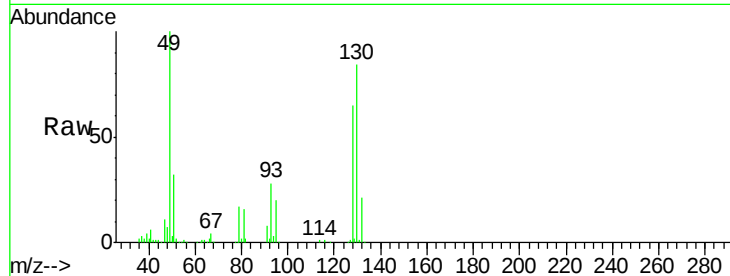
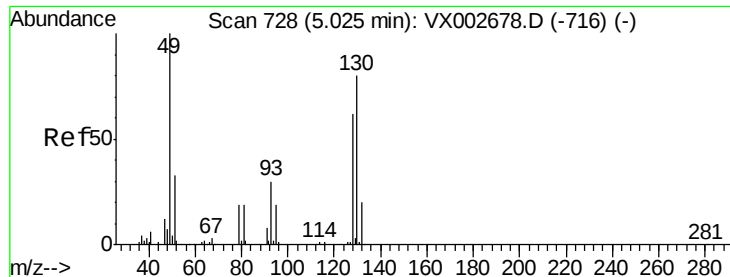
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

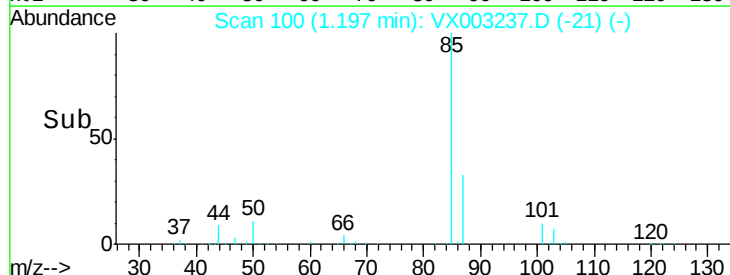
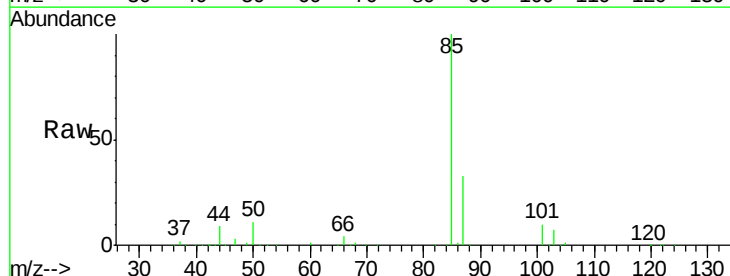
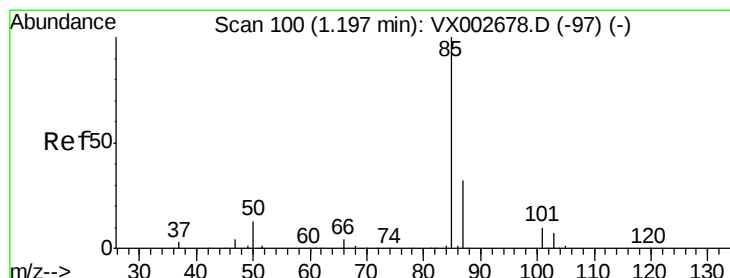
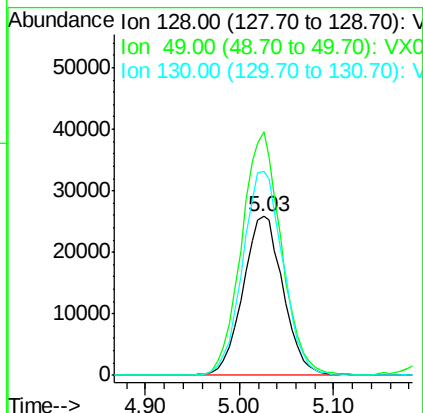
Tot Ion:128 Resp: 76979

Ion Ratio Lower Upper

128 100

49 152.1 0.0 423.0

130 129.9 0.0 324.3



#2

Dichlorodifluoromethane

Concen: 30.09 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003237.D

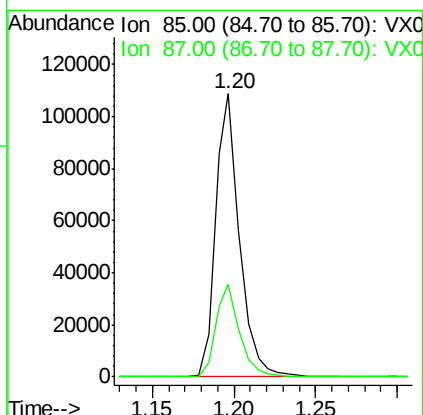
Acq: 07 Jul 2018 02:27

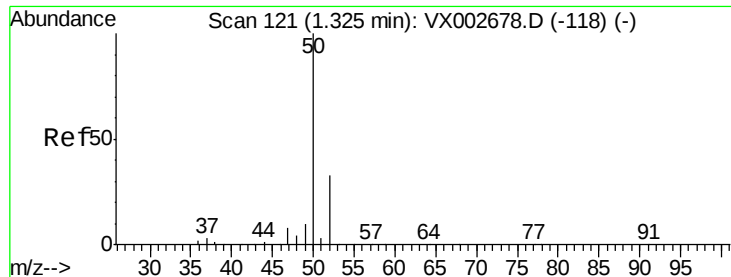
Tgt Ion: 85 Resp: 110555

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.5





#3

Chloromethane

Concen: 29.88 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

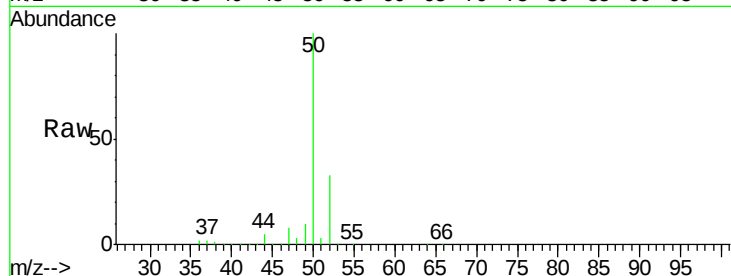
VSTDCCC050EC

Tot Ion: 50 Resp: 119175

Ion Ratio Lower Upper

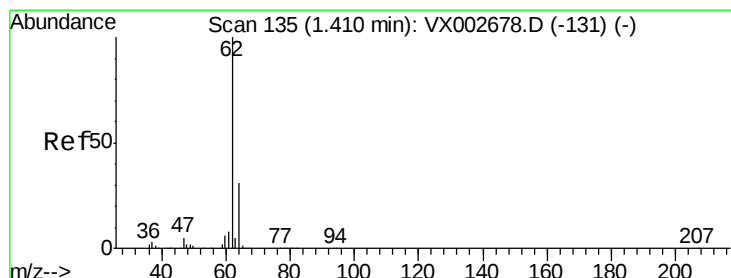
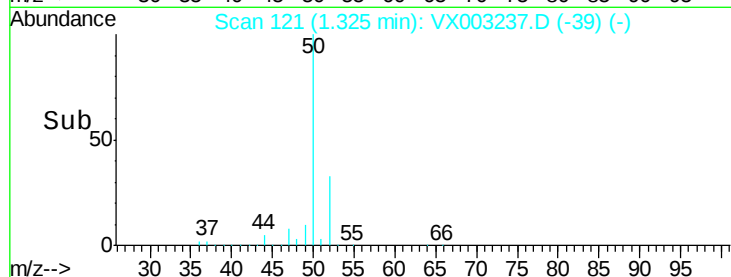
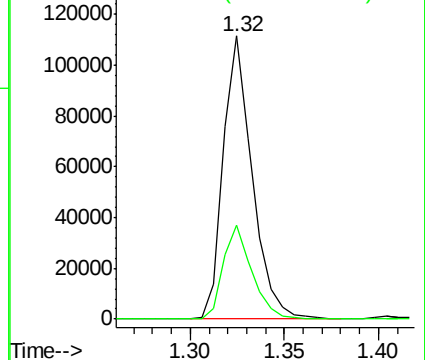
50 100

52 33.1 25.6 38.4



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 29.07 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX003237.D

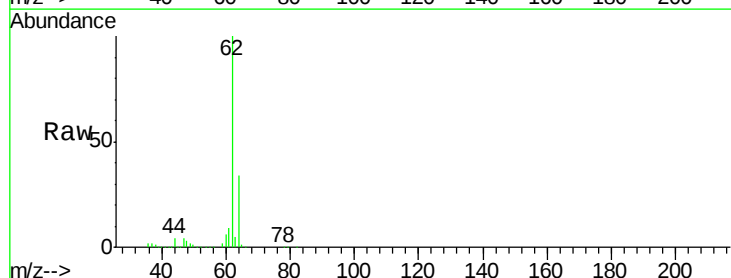
Acq: 07 Jul 2018 02:27

Tgt Ion: 62 Resp: 129200

Ion Ratio Lower Upper

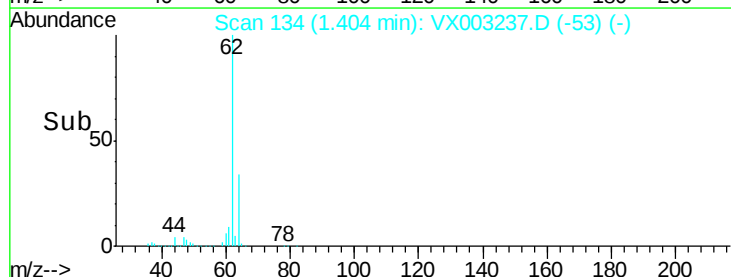
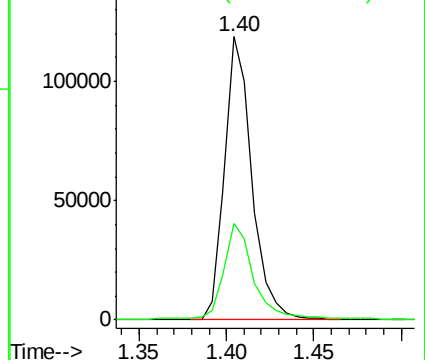
62 100

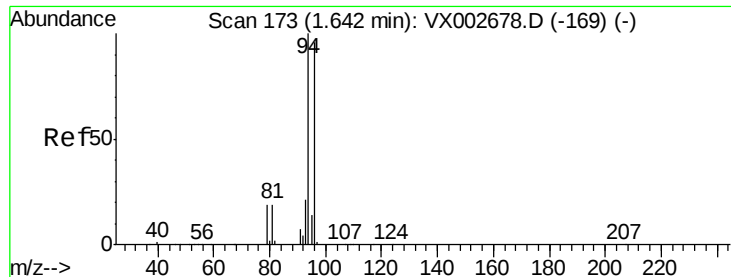
64 33.4 25.3 37.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 16.08 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

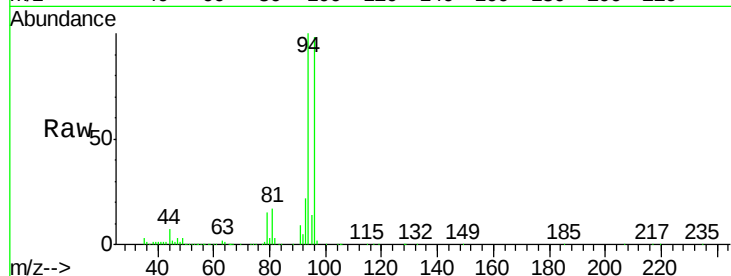
VSTDCCC050EC

Tot Ion: 94 Resp: 41752

Ion Ratio Lower Upper

94 100

96 97.7 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

40000

30000

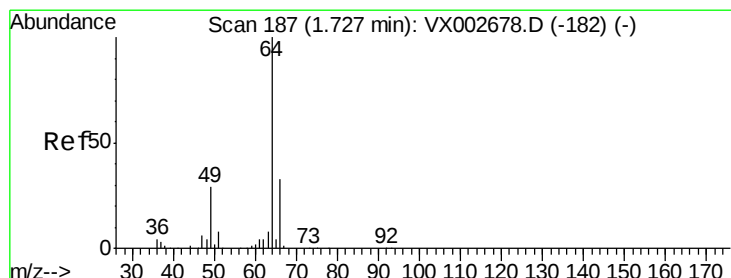
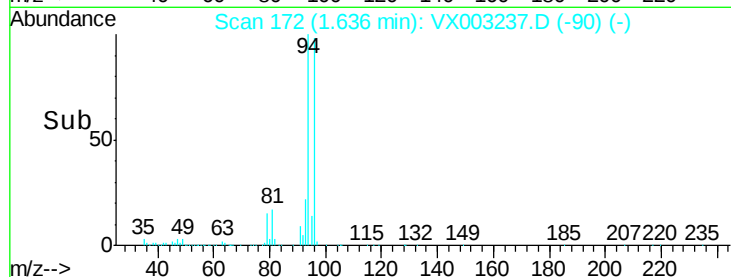
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 26.38 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.01 min

Lab File: VX003237.D

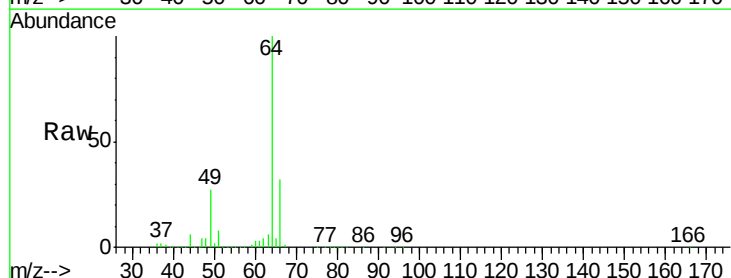
Acq: 07 Jul 2018 02:27

Tgt Ion: 64 Resp: 78843

Ion Ratio Lower Upper

64 100

66 32.0 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

60000

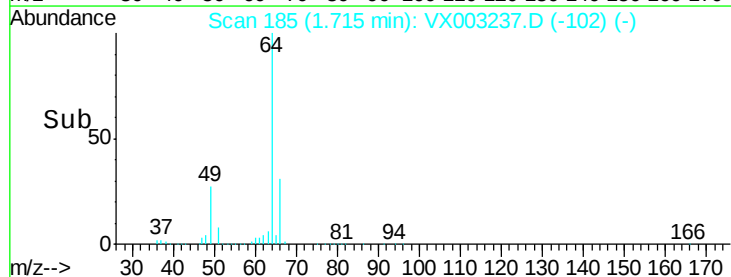
40000

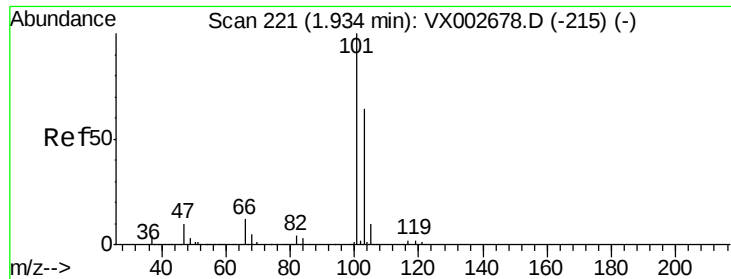
20000

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Time-->

1.65 1.70 1.75 1.80



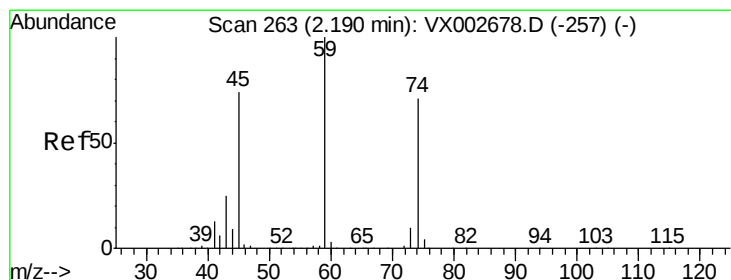
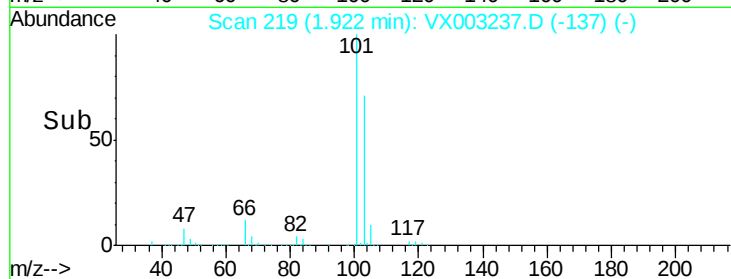
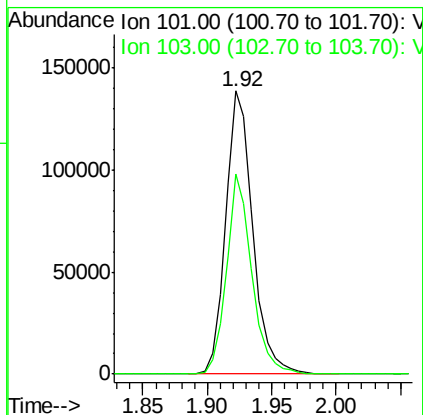
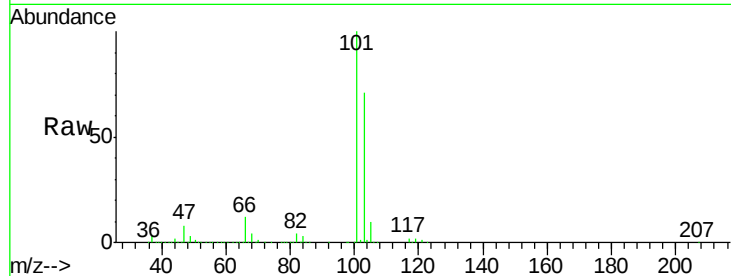


#7

Trichlorofluoromethane
Concen: 26.04 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

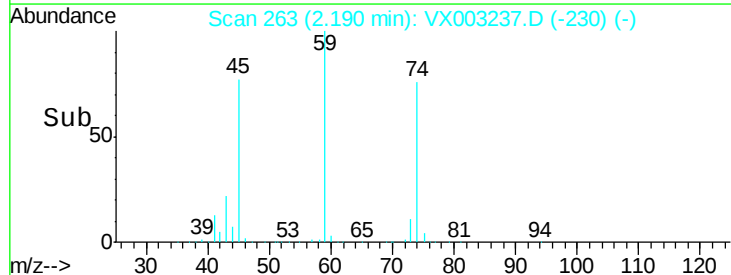
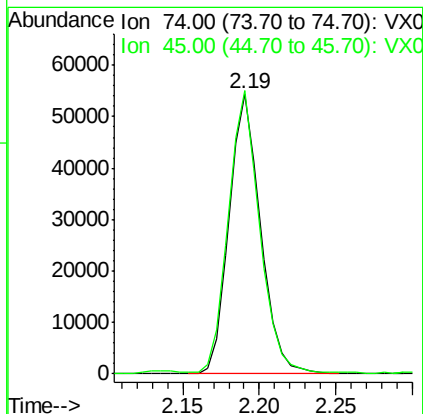
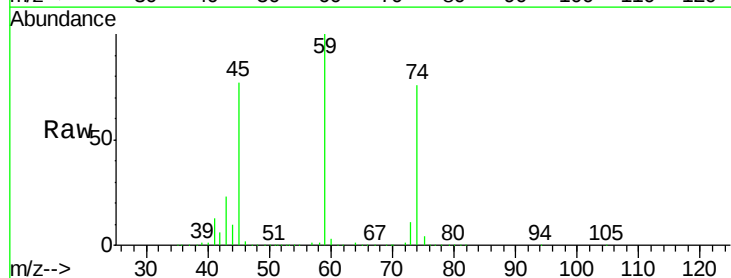
Tot Ion:101 Resp: 205723
Ion Ratio Lower Upper
101 100
103 70.9 51.5 77.3

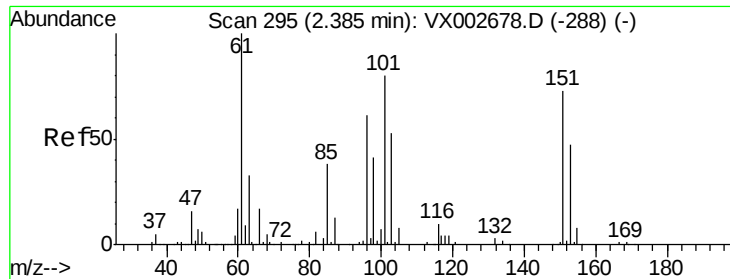


#8

Diethyl Ether
Concen: 27.56 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion: 74 Resp: 77624
Ion Ratio Lower Upper
74 100
45 100.6 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 26.47 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

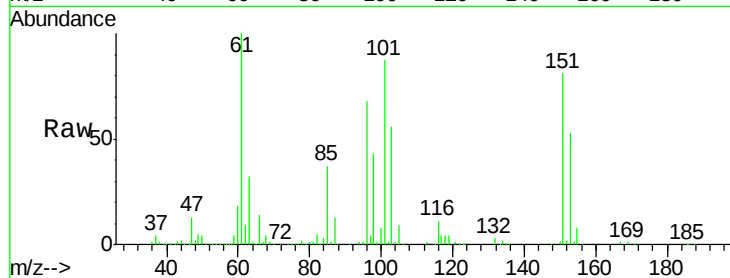
Tot Ion:101 Resp: 119676

Ion Ratio Lower Upper

101 100

85 42.9 0.0 87.0

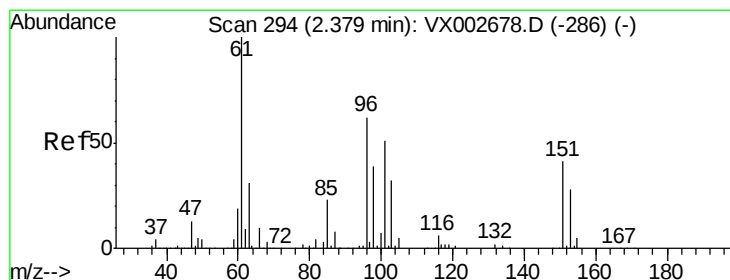
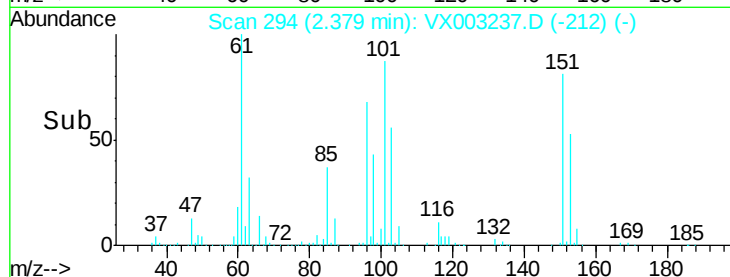
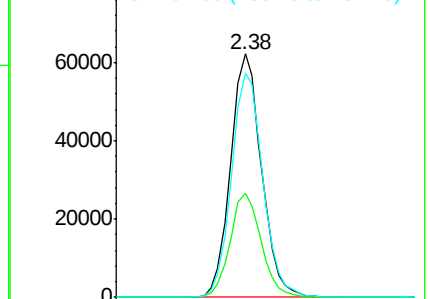
151 93.3 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 27.56 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

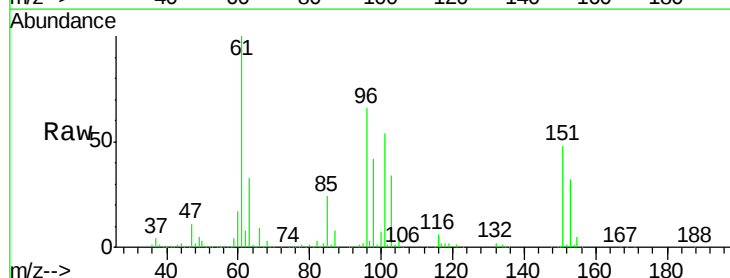
Tgt Ion: 96 Resp: 109690

Ion Ratio Lower Upper

96 100

61 151.5 137.5 206.3

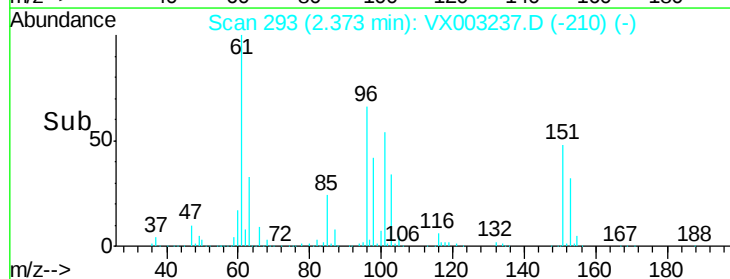
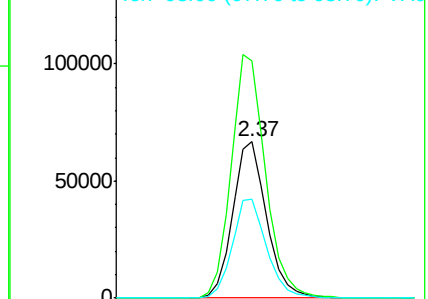
98 63.4 51.4 77.2

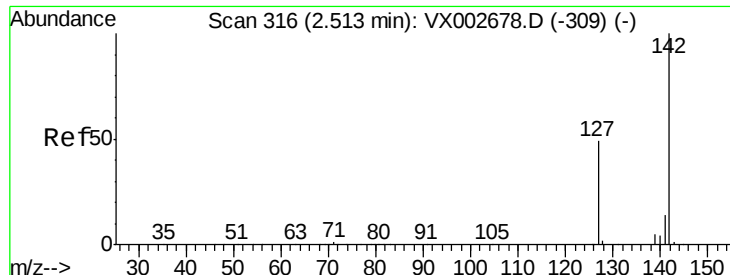


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

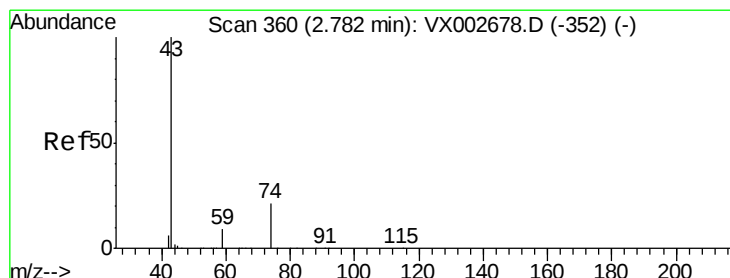
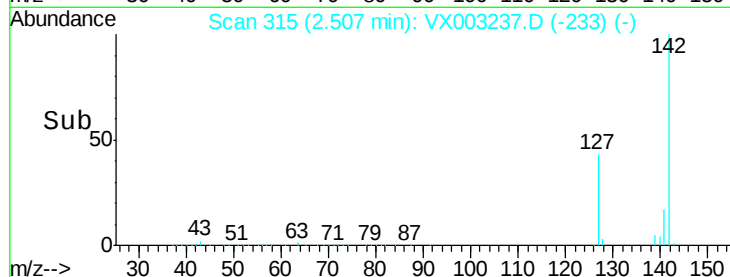
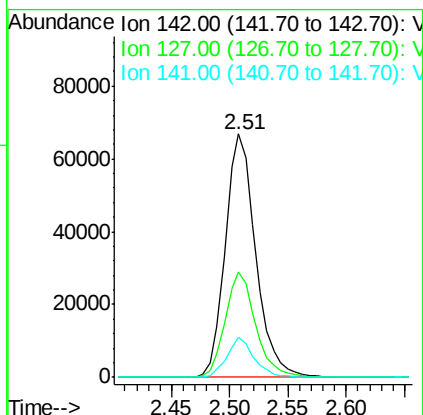
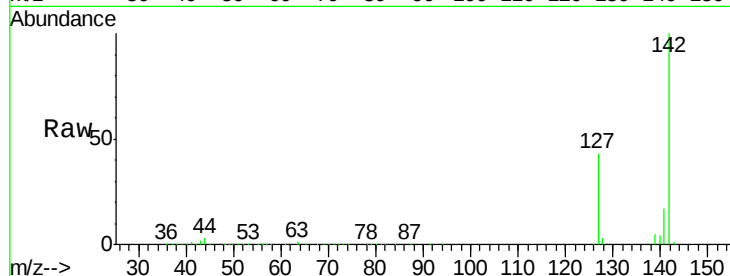




#11
Methyl Iodide
Concen: 26.43 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

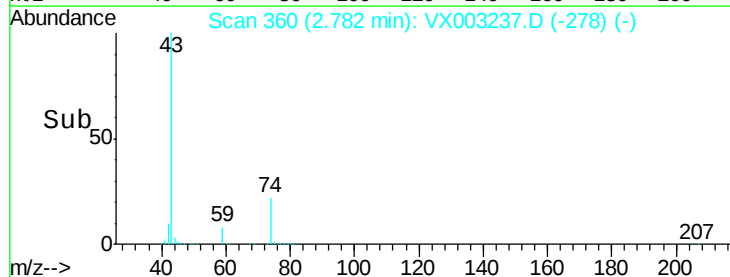
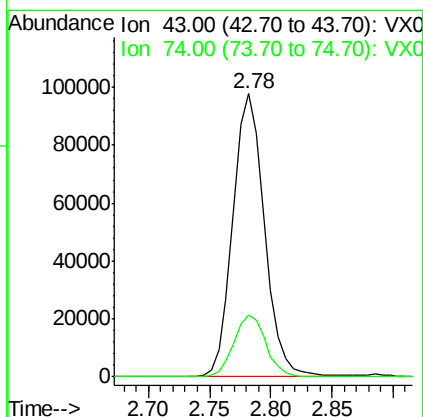
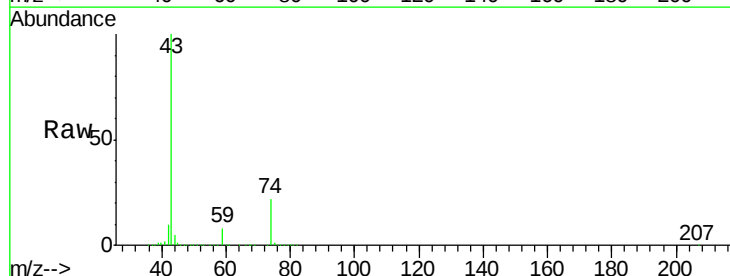
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

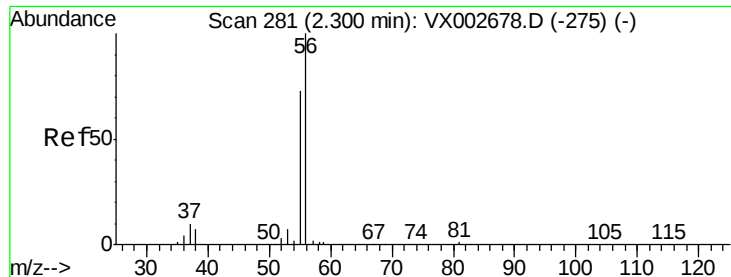
Tot Ion:142 Resp: 121143
Ion Ratio Lower Upper
142 100
127 43.1 23.2 69.6
141 16.7 7.4 22.2



#12
Methyl Acetate
Concen: 26.85 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion: 43 Resp: 173384
Ion Ratio Lower Upper
43 100
74 21.6 16.4 24.6





#13

Acrolein

Concen: 152.77 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

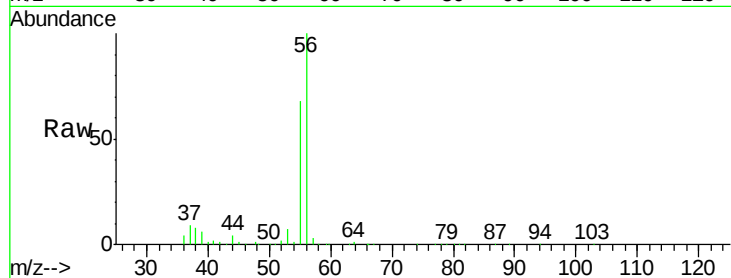
VSTDCCC050EC

Tot Ion: 56 Resp: 70151

Ion Ratio Lower Upper

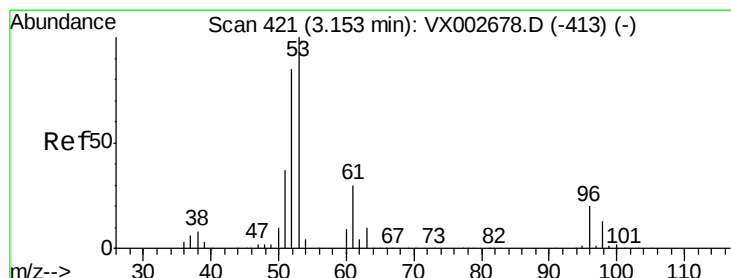
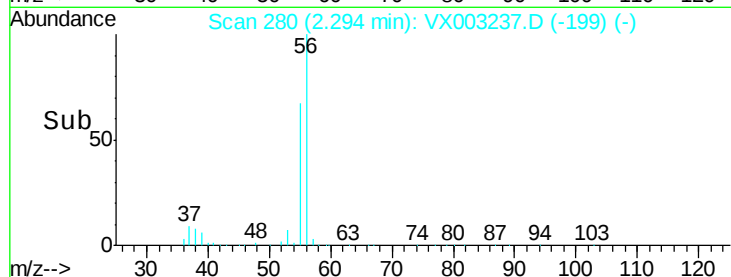
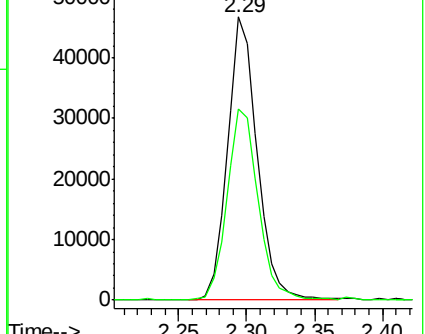
56 100

55 70.2 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 142.18 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

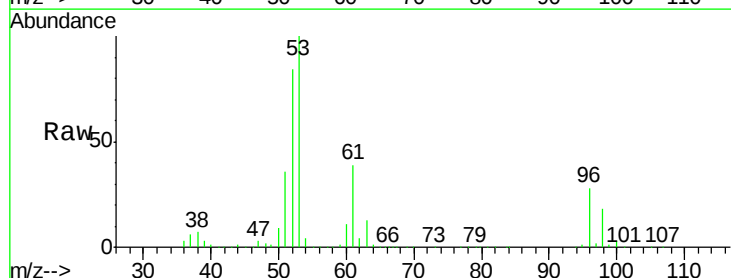
Tgt Ion: 53 Resp: 345367

Ion Ratio Lower Upper

53 100

52 82.6 41.5 124.6

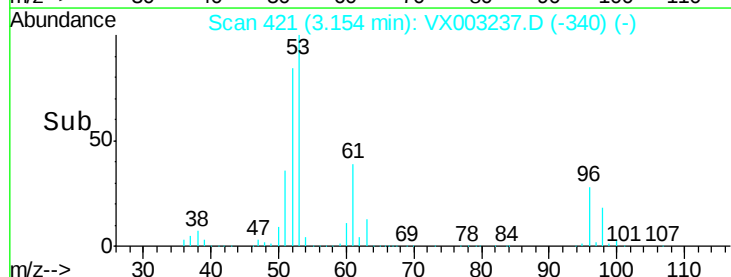
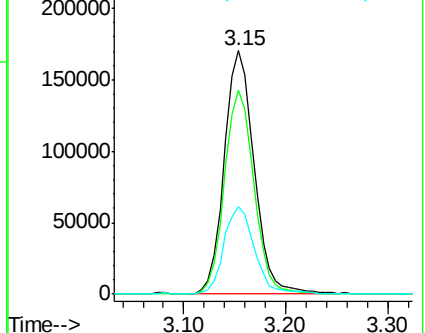
51 37.0 17.9 53.8

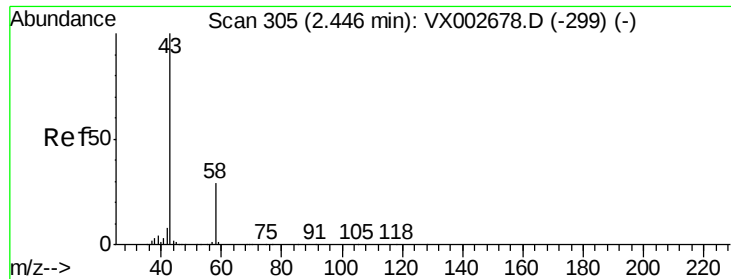


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 140.22 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

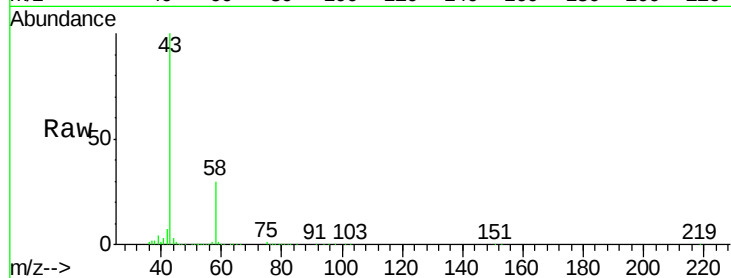
VSTDCCC050EC

Tot Ion: 58 Resp: 94673

Ion Ratio Lower Upper

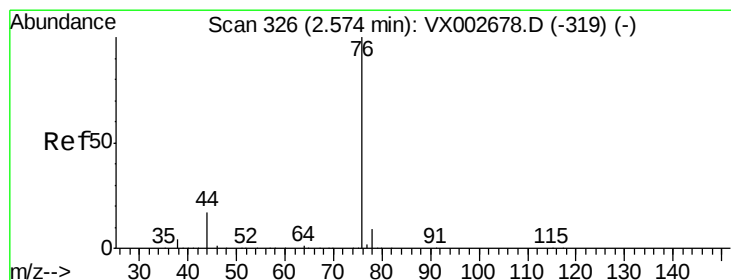
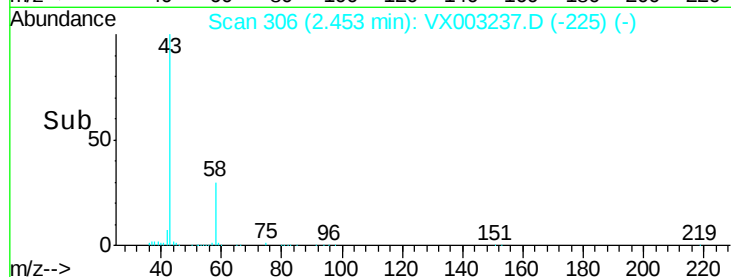
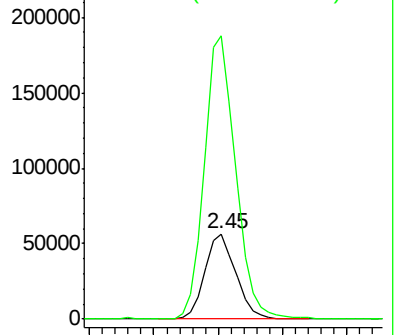
58 100

43 332.7 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 27.30 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003237.D

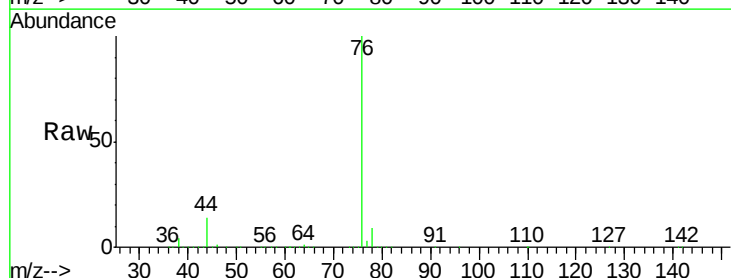
Acq: 07 Jul 2018 02:27

Tgt Ion: 76 Resp: 272038

Ion Ratio Lower Upper

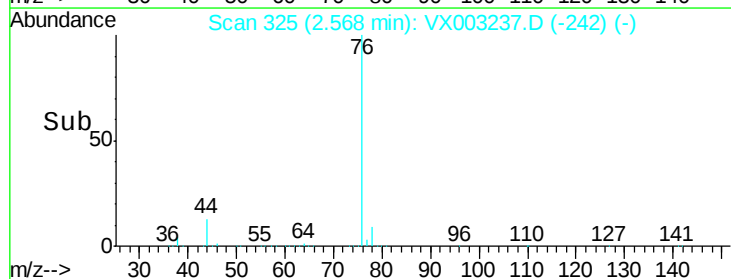
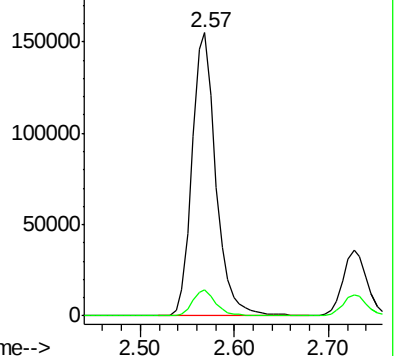
76 100

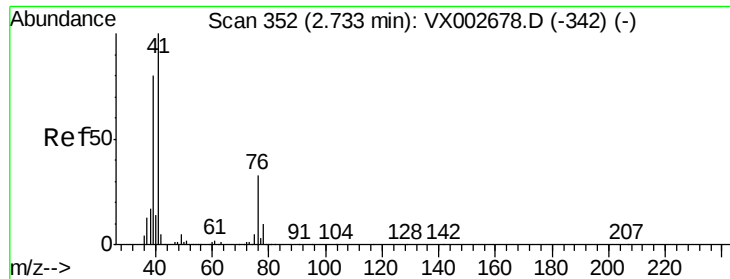
78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

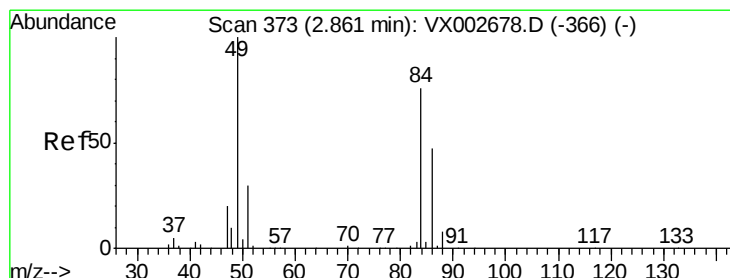
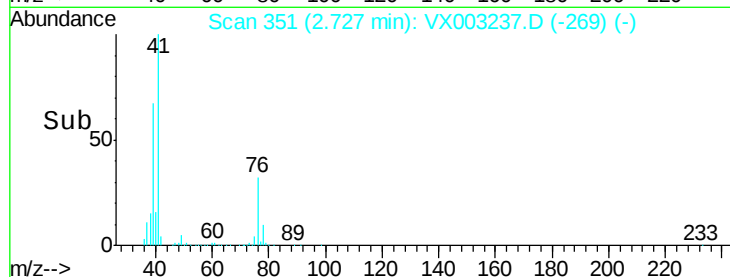
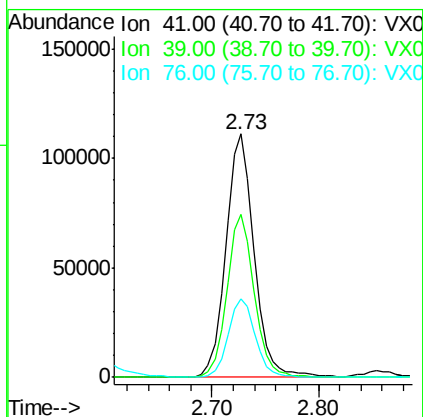
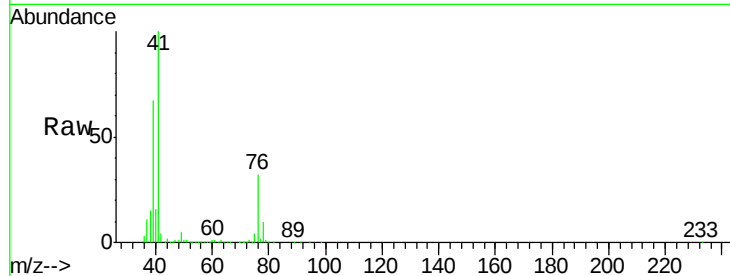




#17
Allvl chloride
Concen: 25.89 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

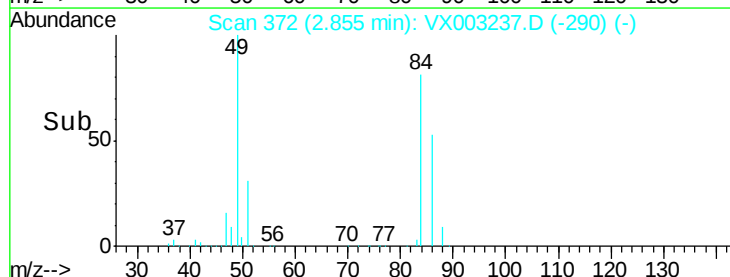
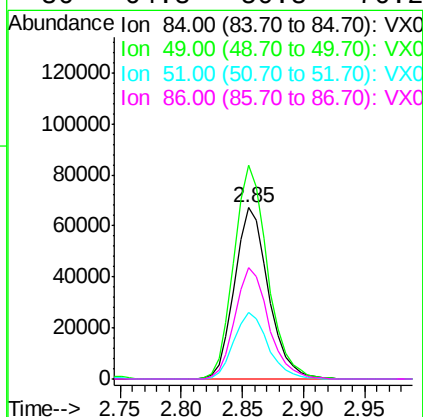
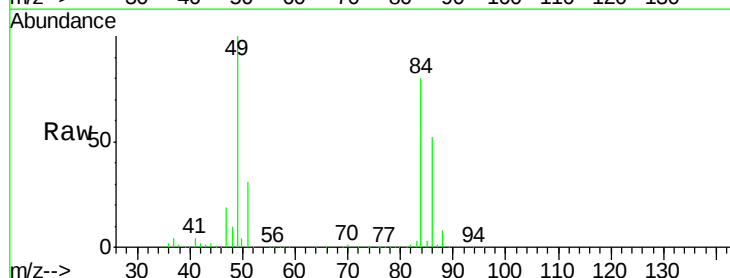
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

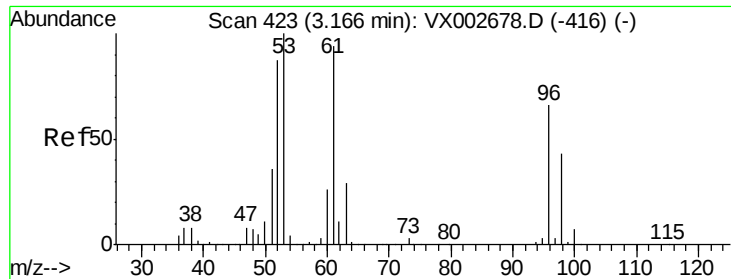
Tot Ion: 41 Resp: 205025
Ion Ratio Lower Upper
41 100
39 67.1 34.6 103.8
76 32.2 15.0 45.1



#18
Methylene Chloride
Concen: 28.38 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion: 84 Resp: 129254
Ion Ratio Lower Upper
84 100
49 124.9 104.7 157.1
51 38.7 31.0 46.4
86 64.8 50.8 76.2

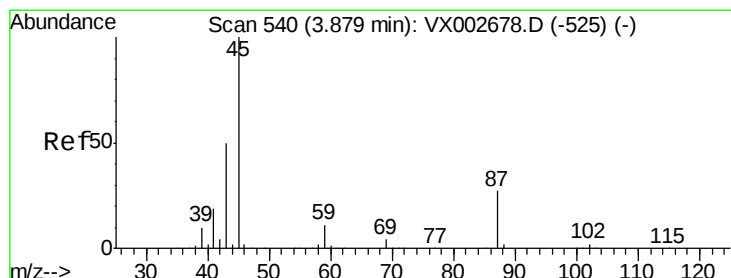
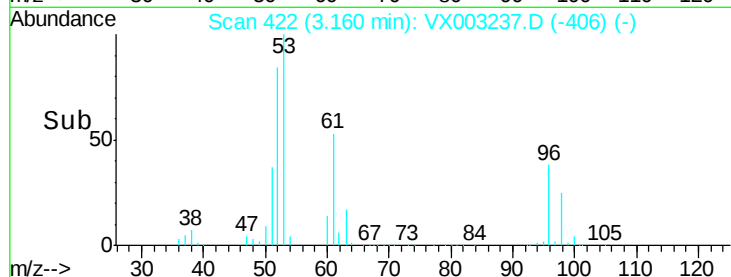
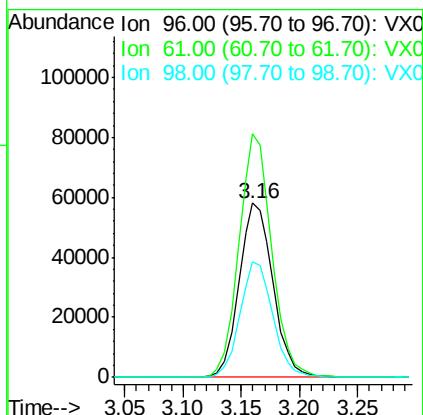
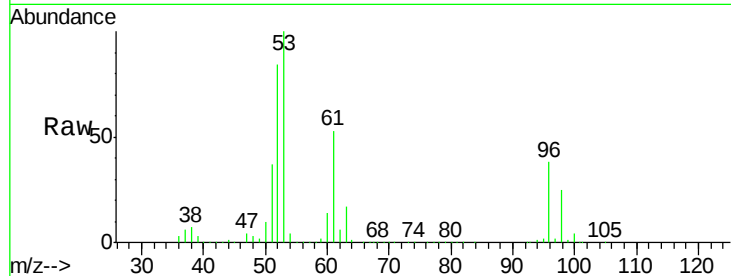




#19
trans-1,2-Dichloroethene
Concen: 27.48 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

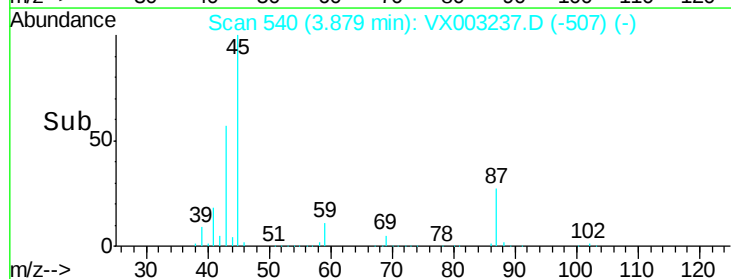
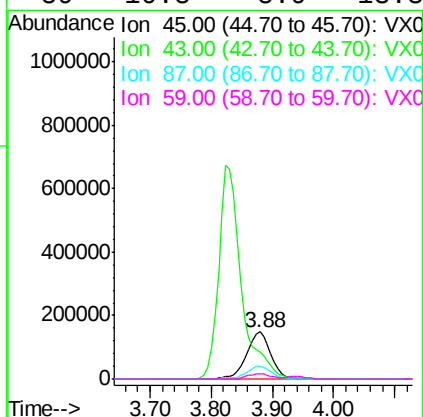
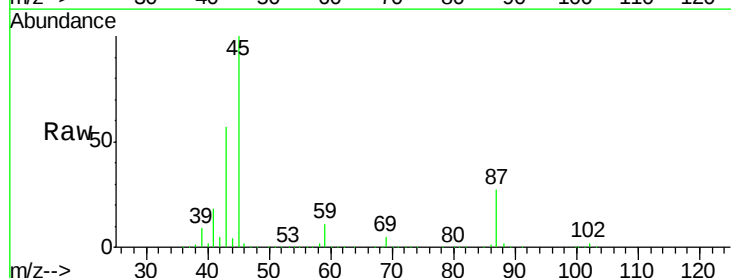
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

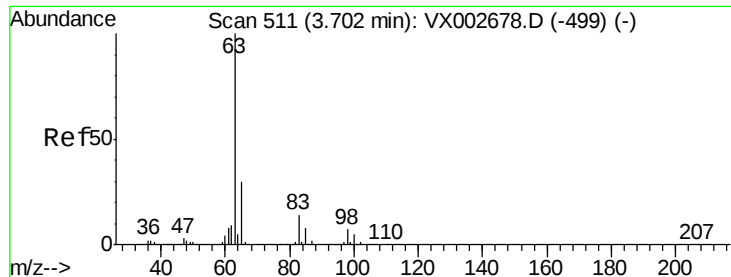
Tot Ion: 96 Resp: 117276
Ion Ratio Lower Upper
96 100
61 139.6 114.6 172.0
98 66.7 51.3 76.9



#20
Diisopropyl ether
Concen: 27.69 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion: 45 Resp: 408600
Ion Ratio Lower Upper
45 100
43 56.8 45.6 68.4
87 27.4 20.7 31.1
59 10.8 8.9 13.3





#21

1,1-Dichloroethane

Concen: 28.49 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

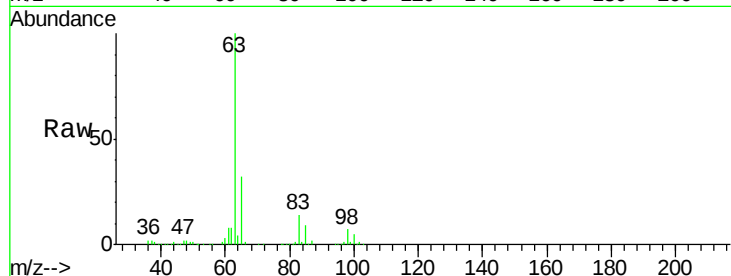
Tot Ion: 63 Resp: 226063

Ion Ratio Lower Upper

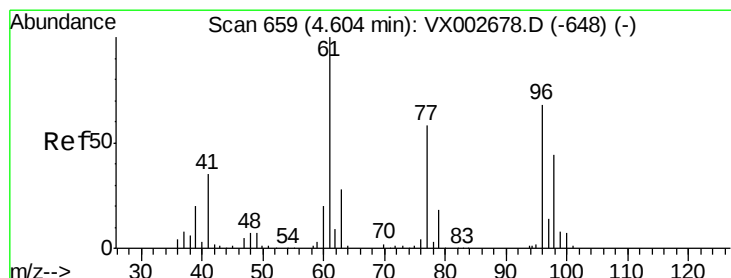
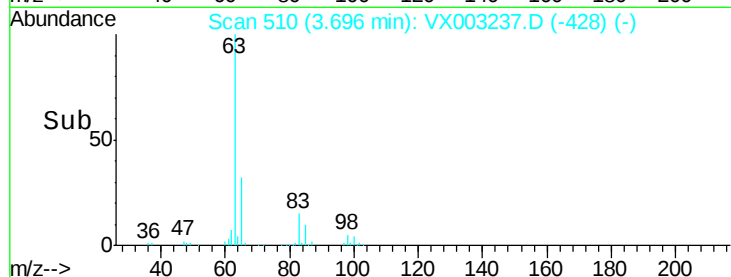
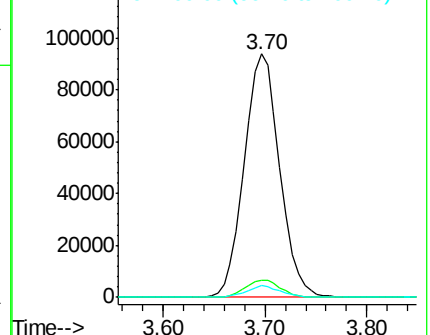
63 100

98 7.0 3.1 9.3

100 4.7 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 33.39 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

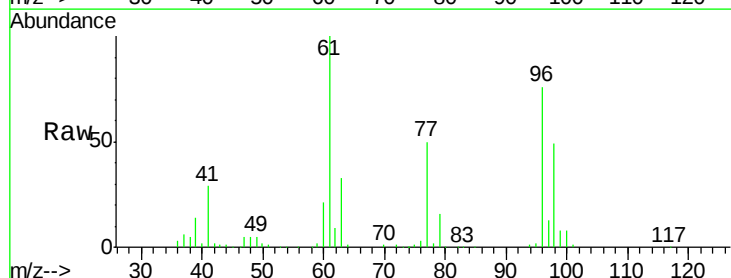
Tgt Ion: 96 Resp: 153155

Ion Ratio Lower Upper

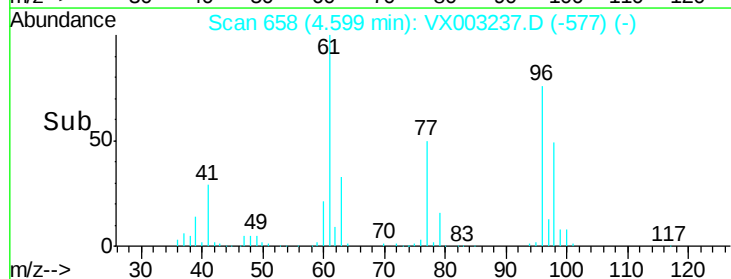
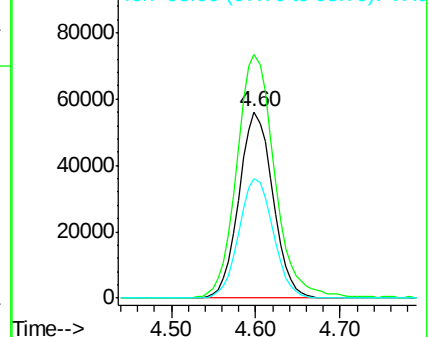
96 100

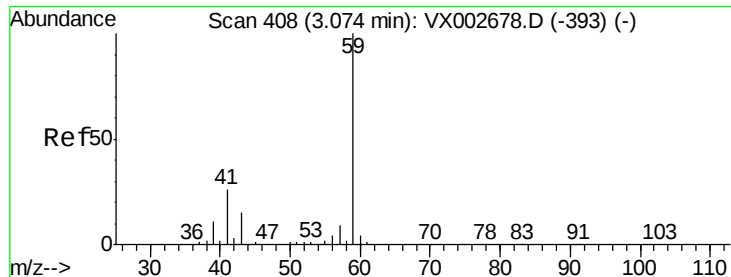
61 146.9 160.2 240.2#

98 65.1 54.1 81.1



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 140.71 ug/l

RT: 3.09 min Scan# 410

Delta R.T. -0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

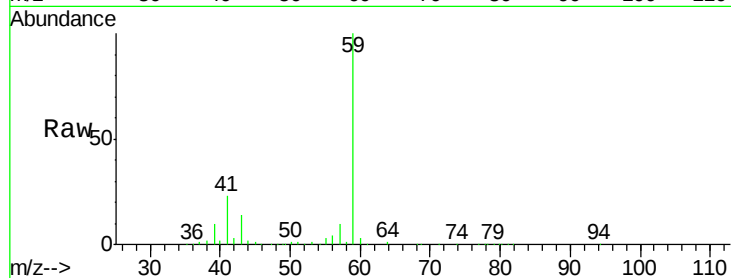
VSTDCCC050EC

Tot Ion: 59 Resp: 155178

Ion Ratio Lower Upper

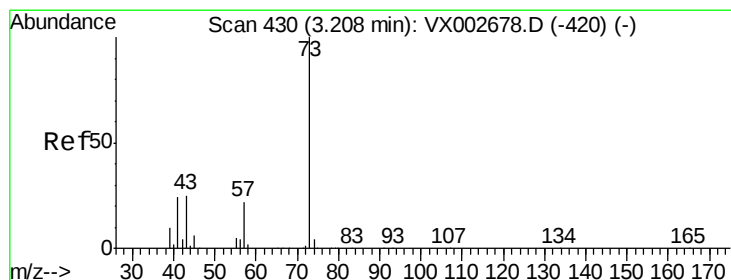
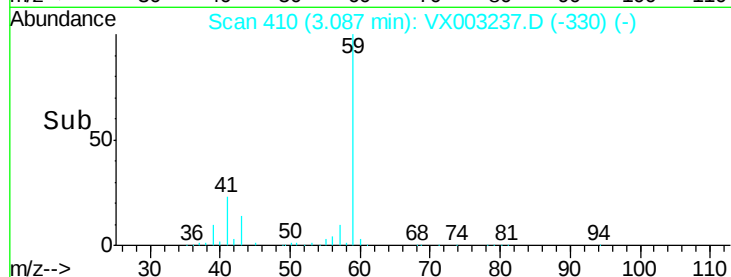
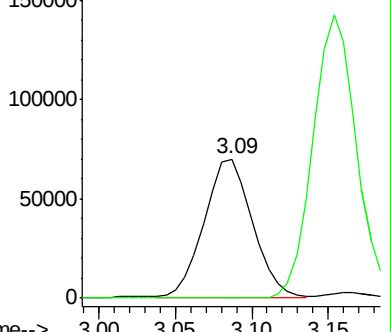
59 100

52 0.4 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 26.63 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX003237.D

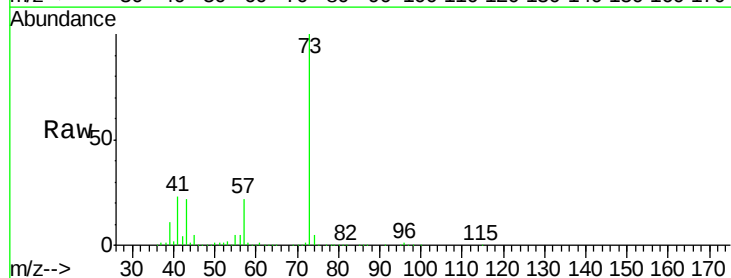
Acq: 07 Jul 2018 02:27

Tgt Ion: 73 Resp: 395631

Ion Ratio Lower Upper

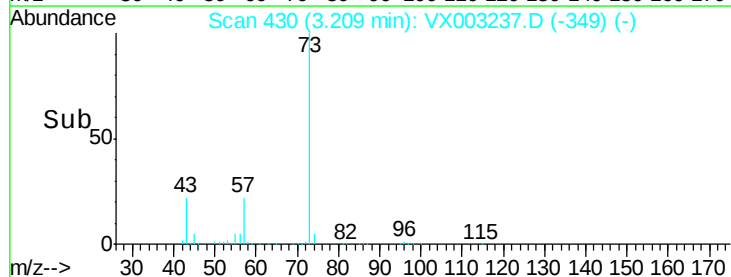
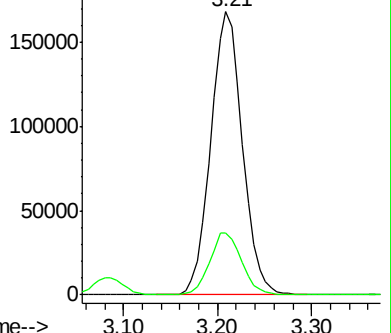
73 100

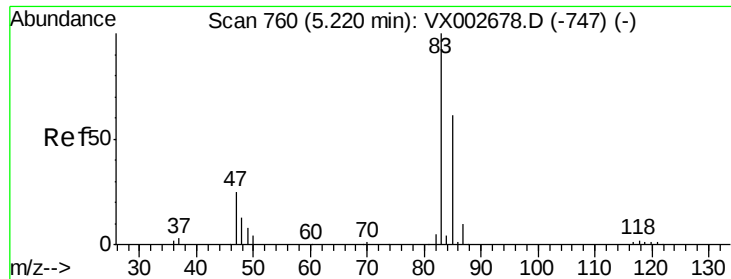
43 21.8 19.0 28.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 32.21 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

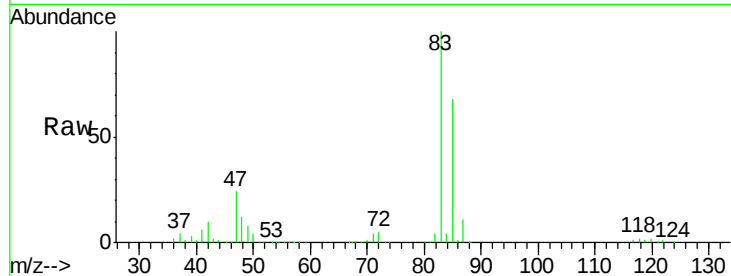
VSTDCCC050EC

Tot Ion: 83 Resp: 256478

Ion Ratio Lower Upper

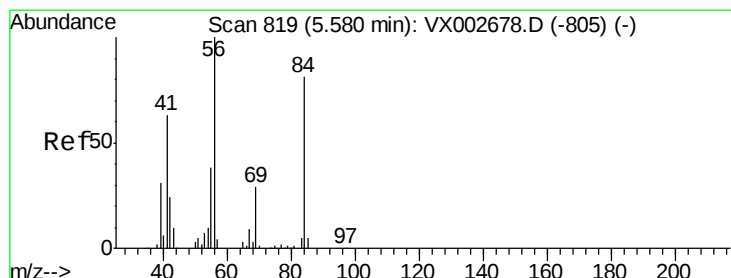
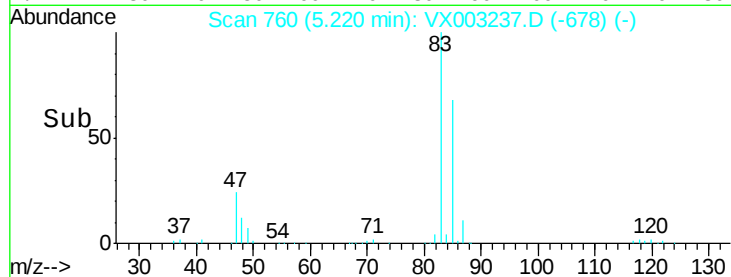
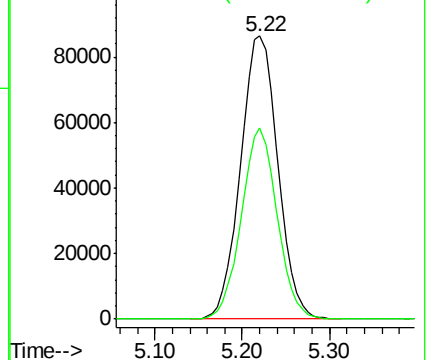
83 100

85 67.5 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 30.38 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

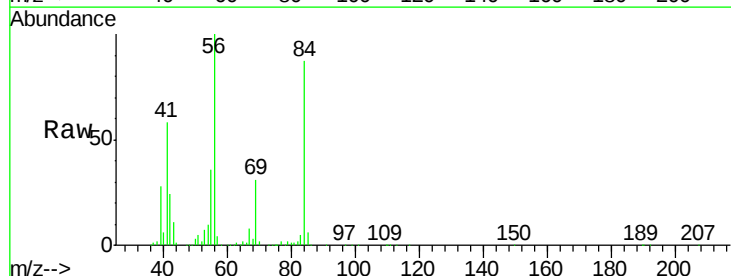
Tgt Ion: 56 Resp: 204820

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

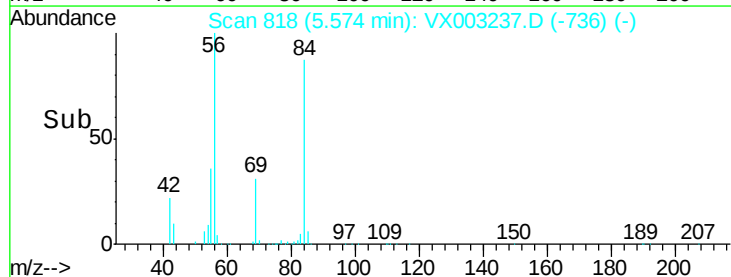
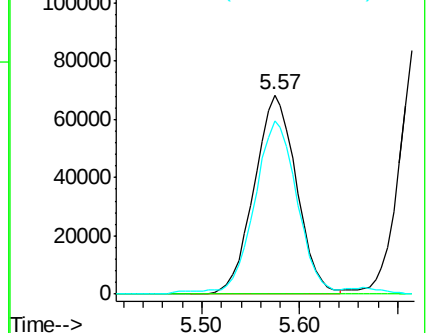
84 87.1 64.9 97.3

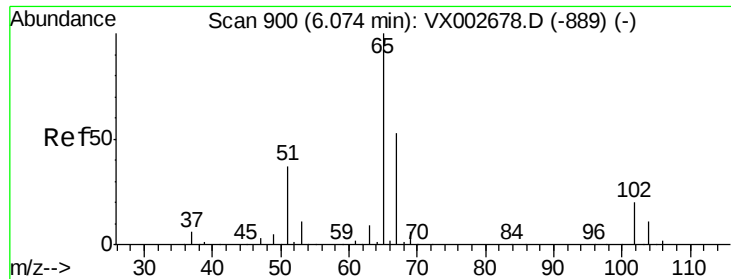


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 20.94 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

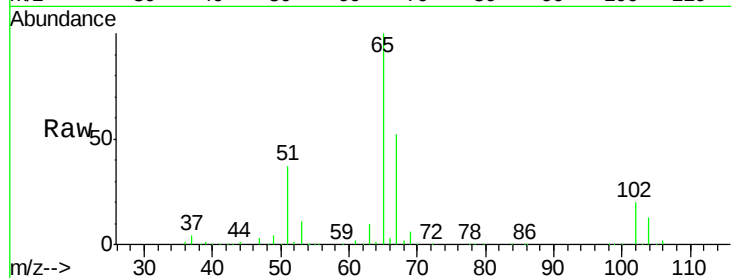
VSTDCCC050EC

Tot Ion: 65 Resp: 123116

Ion Ratio Lower Upper

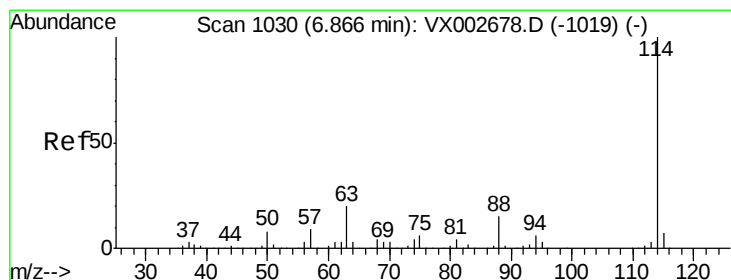
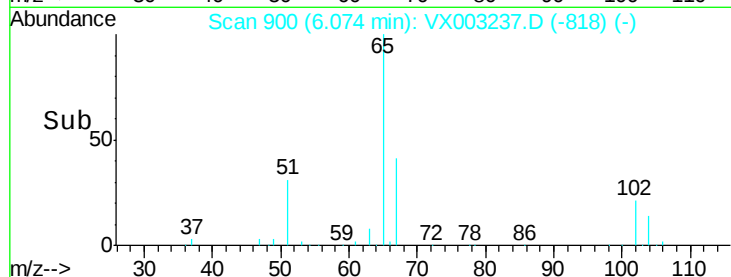
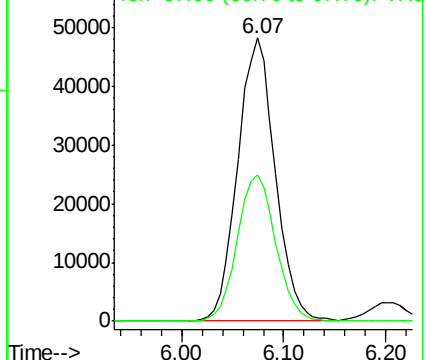
65 100

67 52.9 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

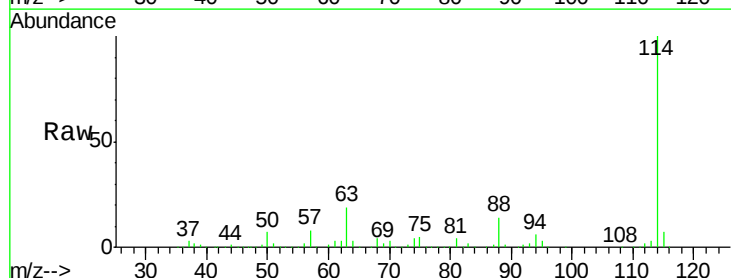
Tgt Ion: 114 Resp: 330681

Ion Ratio Lower Upper

114 100

63 19.5 17.1 25.7

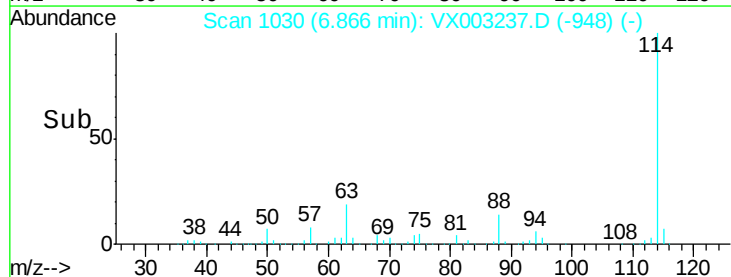
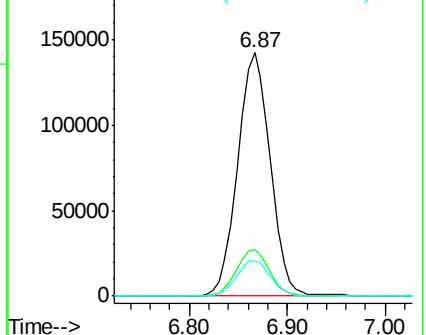
88 15.1 12.6 19.0

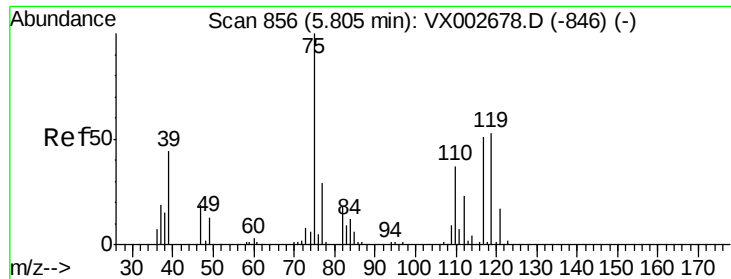


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

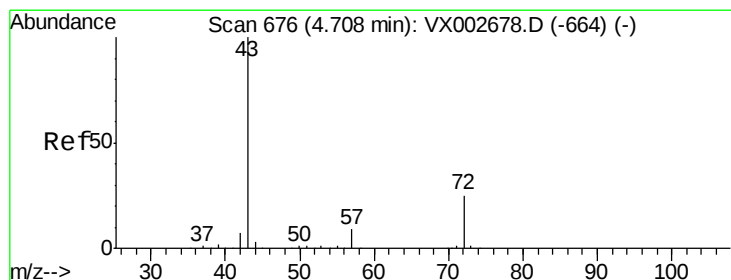
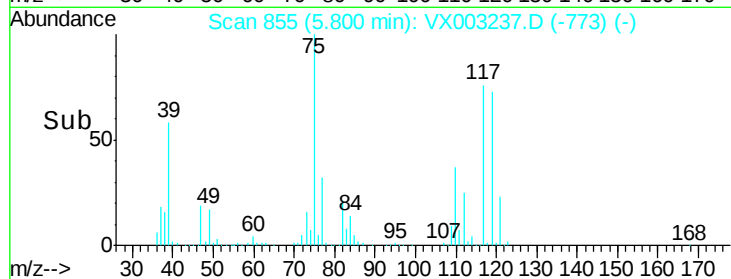
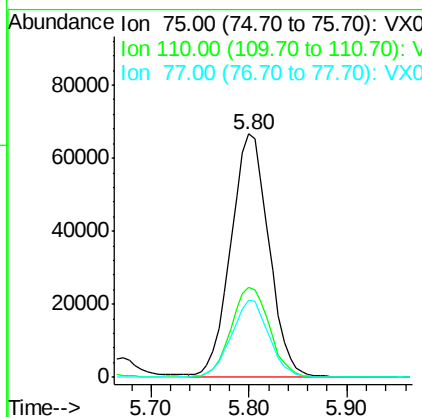
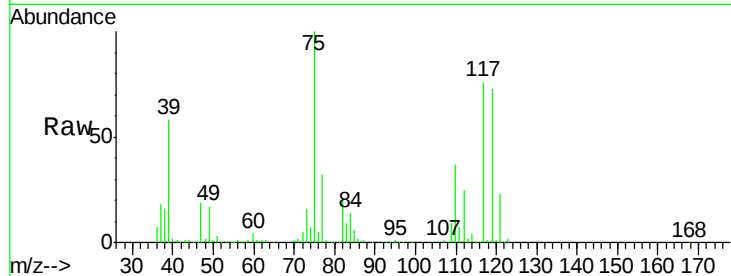




#29
 1,1-Dichloropropene
 Concen: 40.00 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

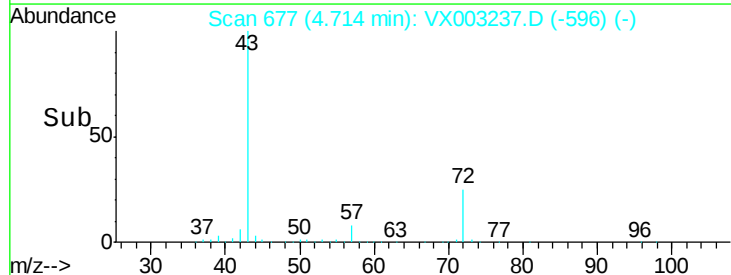
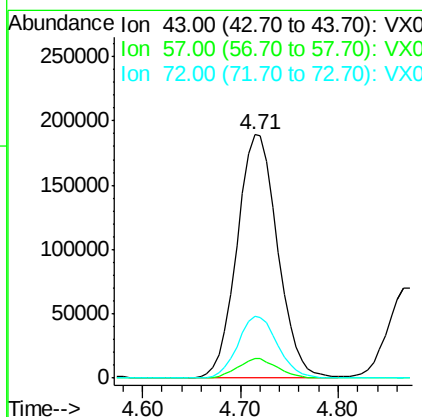
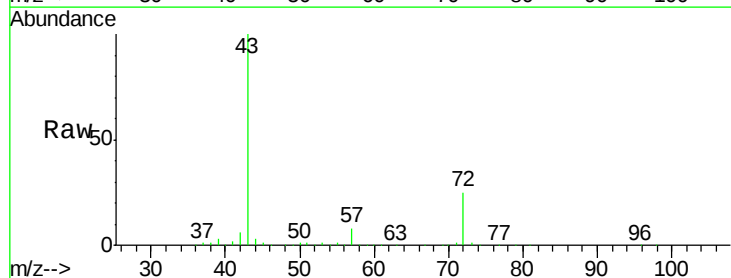
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

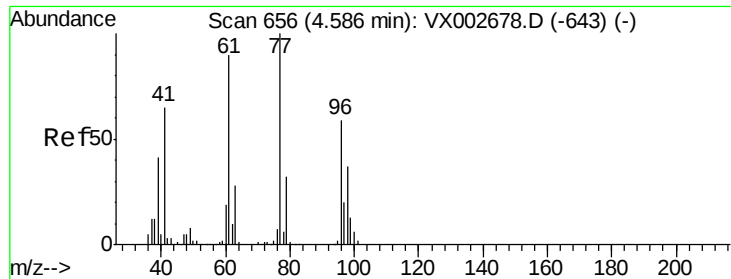
Tot Ion: 75 Resp: 178630
 Ion Ratio Lower Upper
 75 100
 110 37.7 0.0 71.4
 77 31.6 0.0 60.6



#30
 2-Butanone
 Concen: 213.26 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion: 43 Resp: 544940
 Ion Ratio Lower Upper
 43 100
 57 7.8 6.1 9.1
 72 24.9 18.1 27.1





#31

2,2-Dichloropropane

Concen: 29.16 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

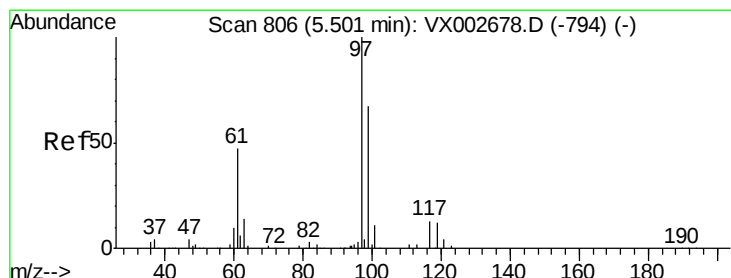
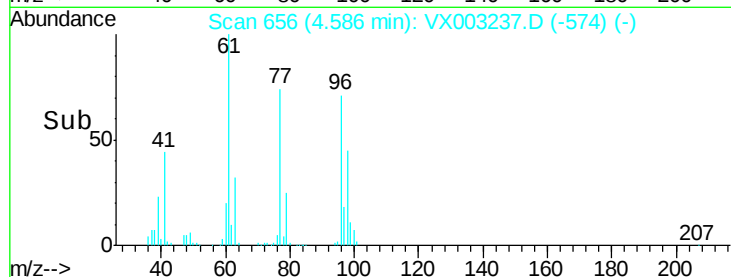
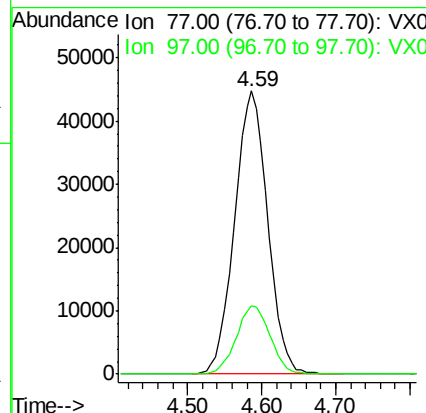
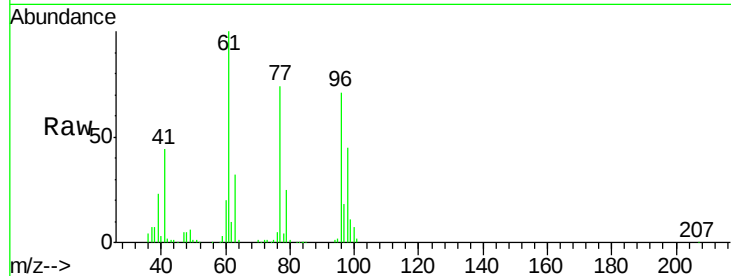
VSTDCCC050EC

Tot Ion: 77 Resp: 139152

Ion Ratio Lower Upper

77 100

97 24.7 18.7 28.1



#32

1,1,1-Trichloroethane

Concen: 41.29 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

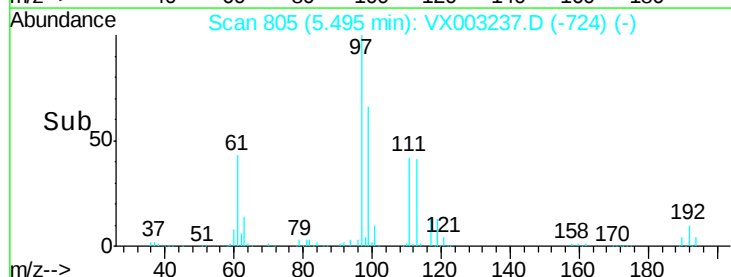
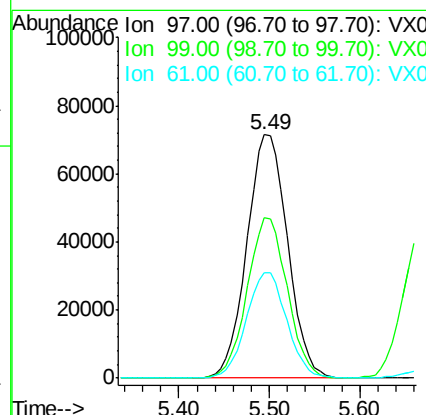
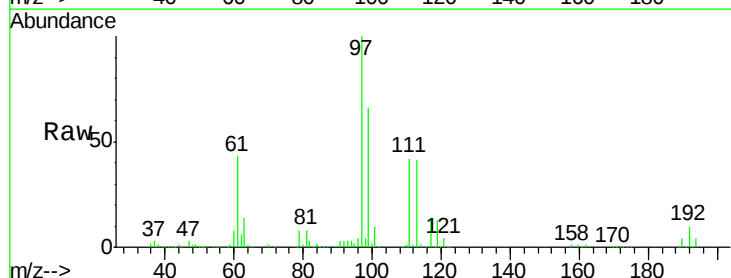
Tgt Ion: 97 Resp: 222722

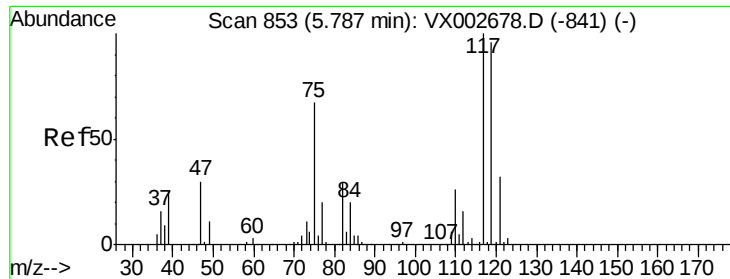
Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 43.0 36.4 54.6

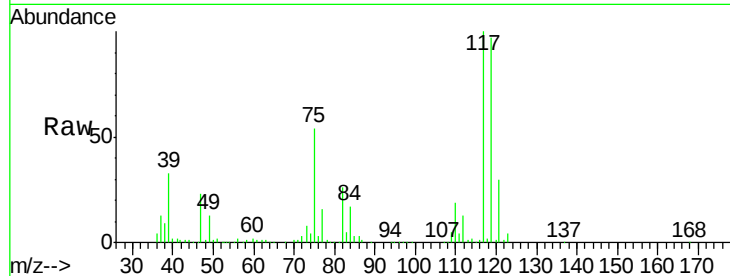




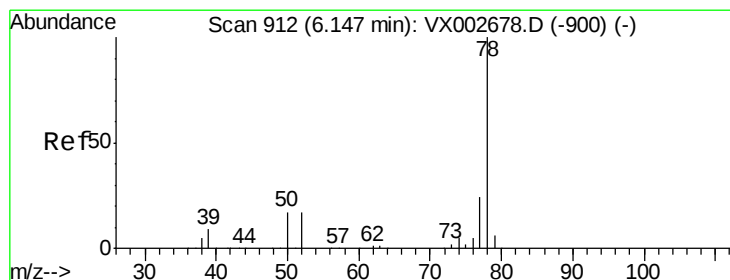
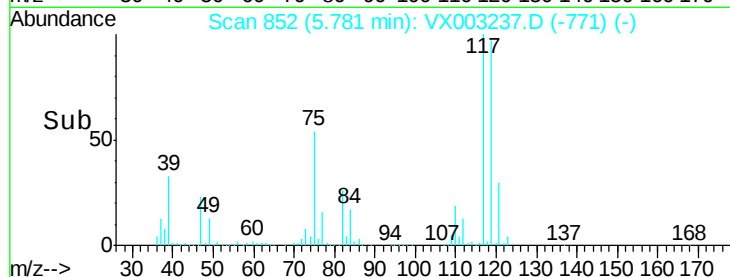
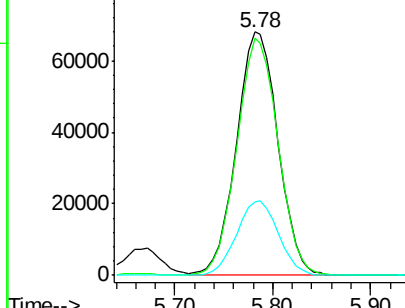
#33
Carbon Tetrachloride
Concen: 41.25 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 200000
Ion Ratio Lower Upper
117 100
119 97.4 73.3 109.9
121 30.1 23.6 35.4

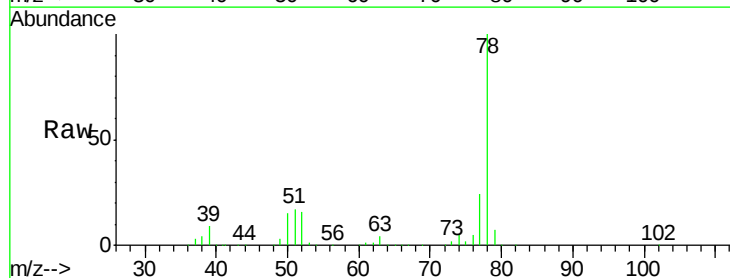


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

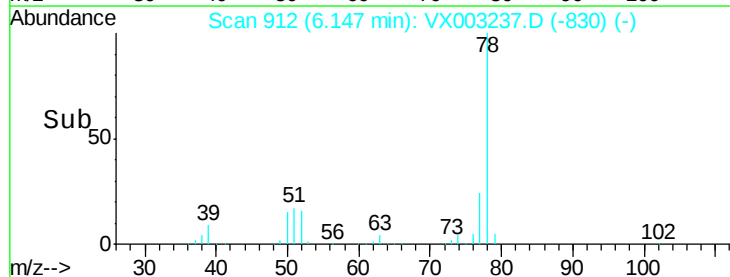
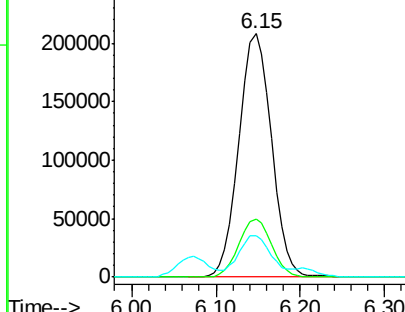


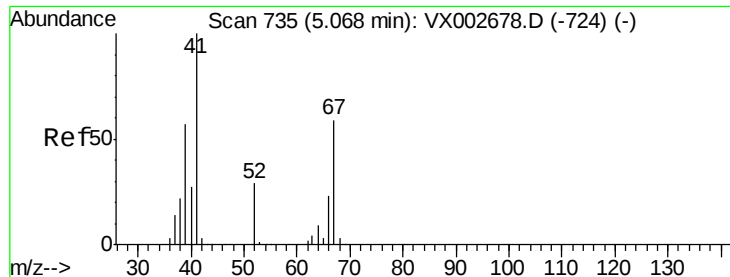
#34
Benzene
Concen: 41.37 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion: 78 Resp: 547135
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0
51 16.6 13.8 20.6



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0

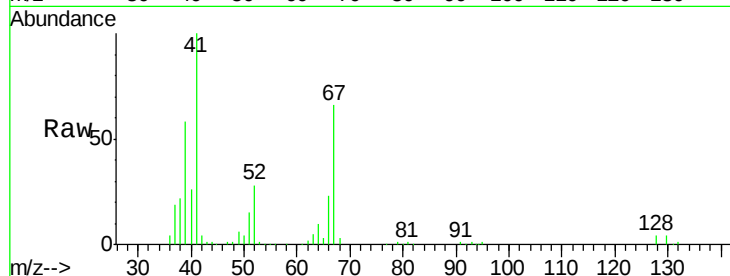




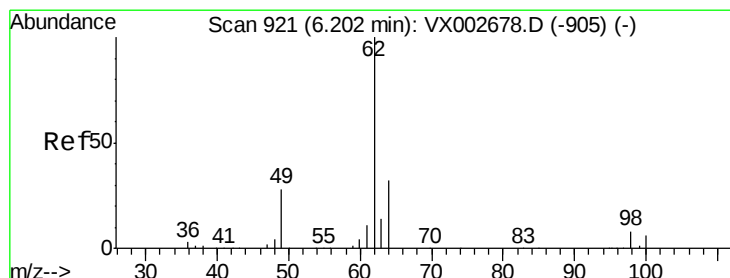
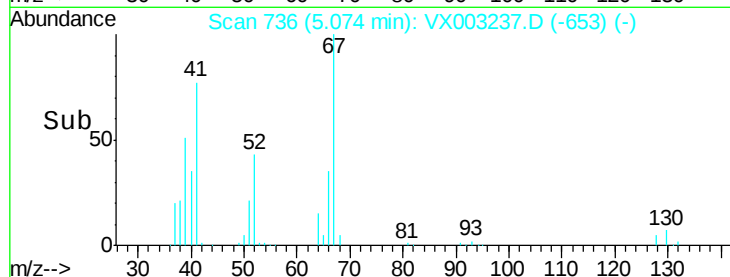
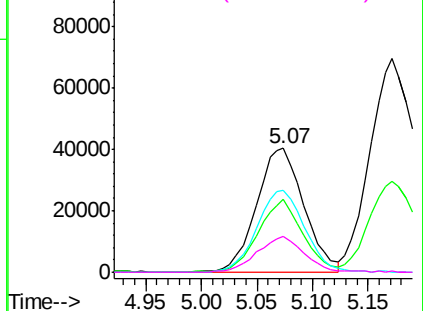
#35
Methacrylonitrile
Concen: 42.85 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	119220
Ion	Ratio	Lower	Upper
41	100		
39	58.3	28.8	86.5
67	66.0	30.4	91.2
52	28.1	13.0	39.0

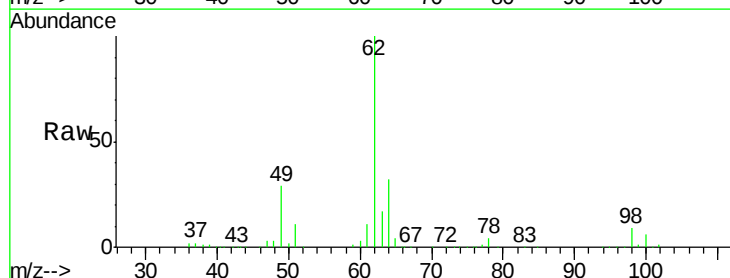


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

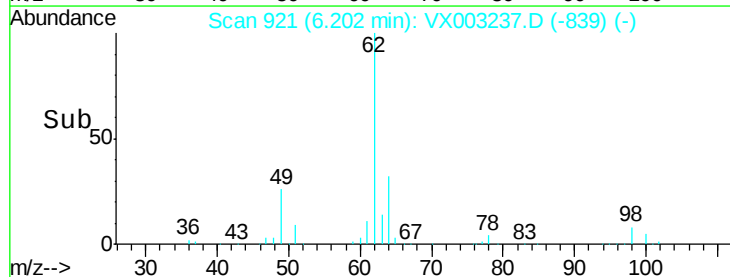
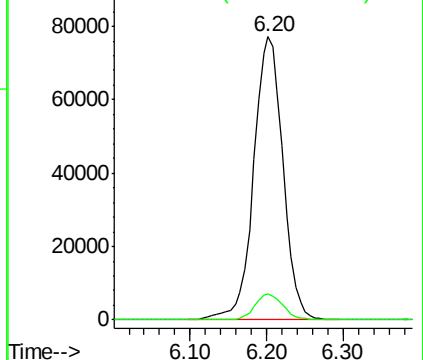


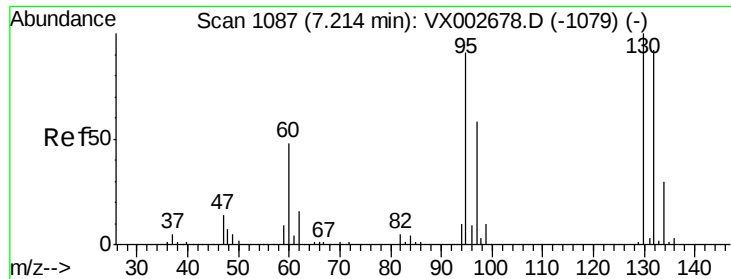
#36
1,2-Dichloroethane
Concen: 39.62 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion:	62	Resp:	205727
Ion	Ratio	Lower	Upper
62	100		
98	9.0	6.5	9.7



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

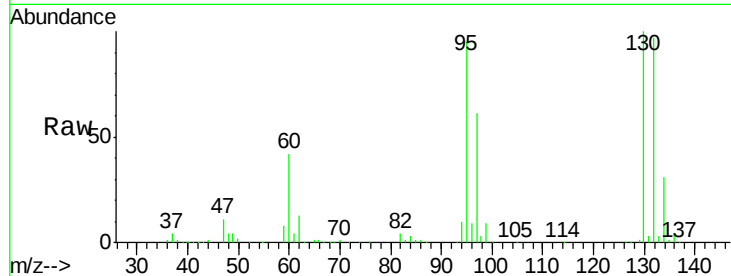




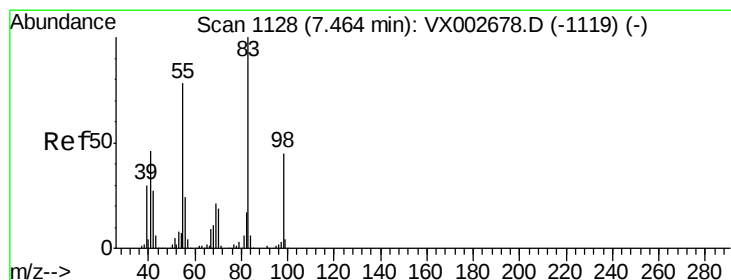
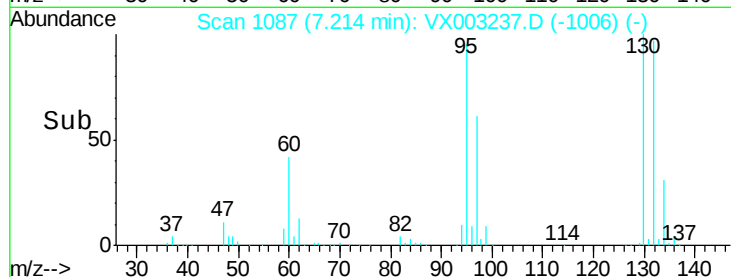
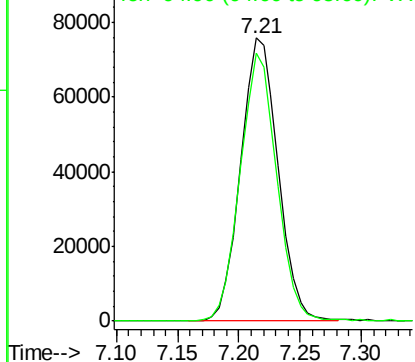
#37
 Trichloroethene
 Concen: 41.55 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:130 Resp: 160921
 Ion Ratio Lower Upper
 130 100
 95 94.8 81.5 122.3

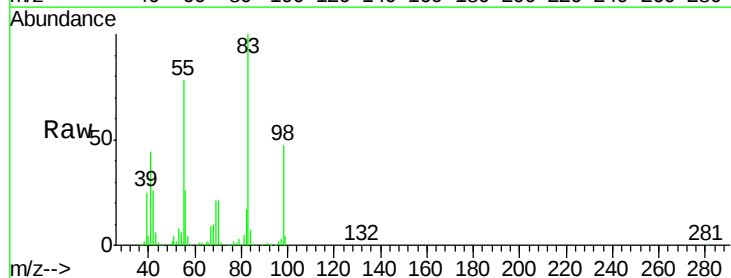


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

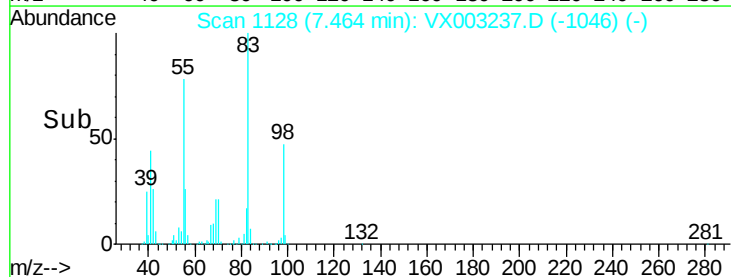
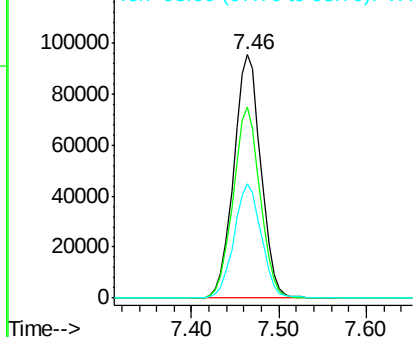


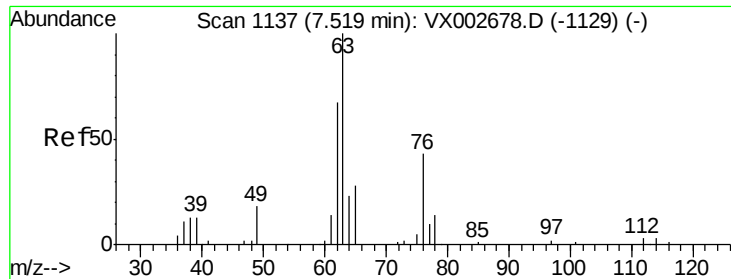
#38
 Methylcyclohexane
 Concen: 37.87 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion: 83 Resp: 205742
 Ion Ratio Lower Upper
 83 100
 55 77.6 40.6 121.8
 98 47.0 23.5 70.5



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

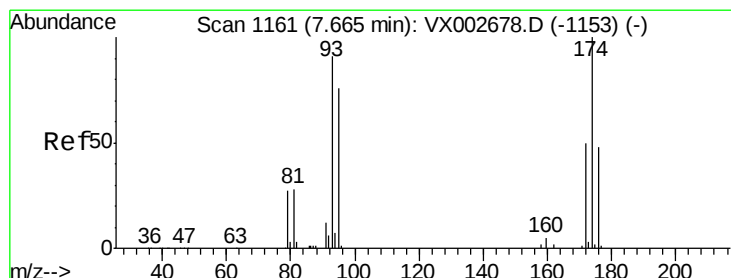
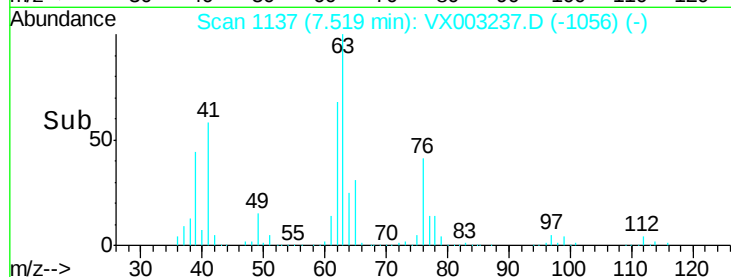
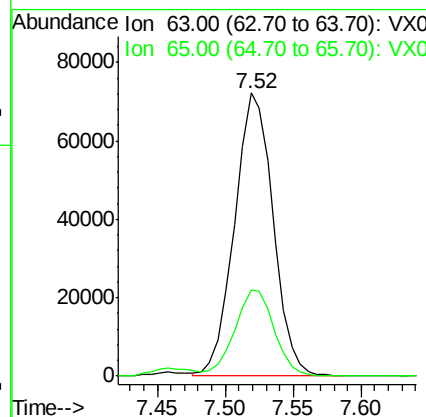
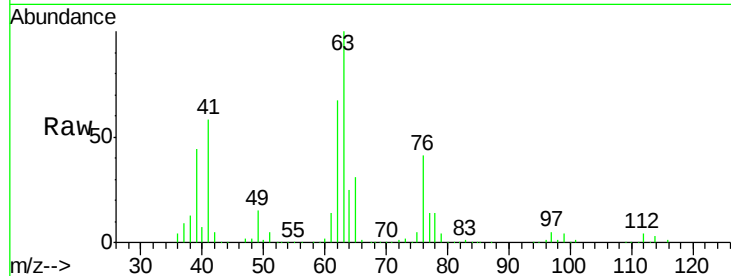




#39
 1,2-Dichloropropane
 Concen: 41.29 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

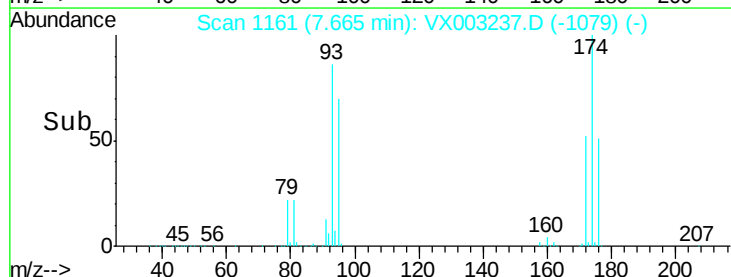
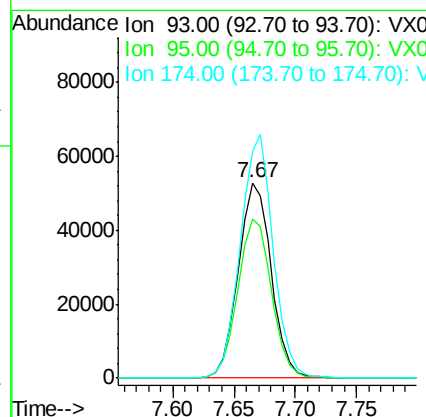
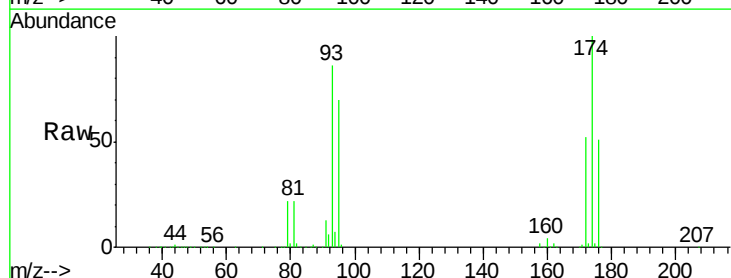
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

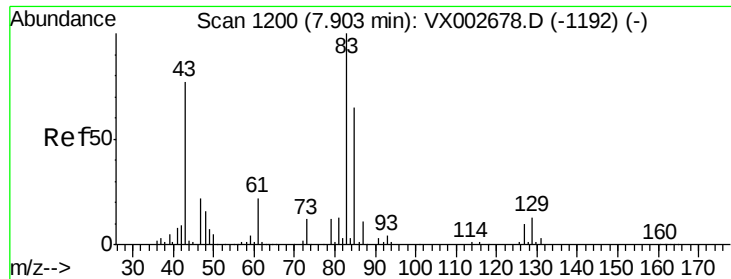
Tot Ion: 63 Resp: 142446
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.3 34.9



#40
 Dibromomethane
 Concen: 41.21 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion: 93 Resp: 98775
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 162.6
 174 123.9 0.0 229.4





#41

Bromodichloromethane

Concen: 41.80 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

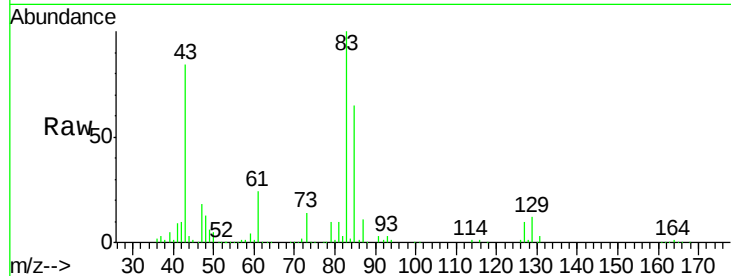
Tot Ion: 83 Resp: 188199

Ion Ratio Lower Upper

83 100

85 64.9 49.8 74.8

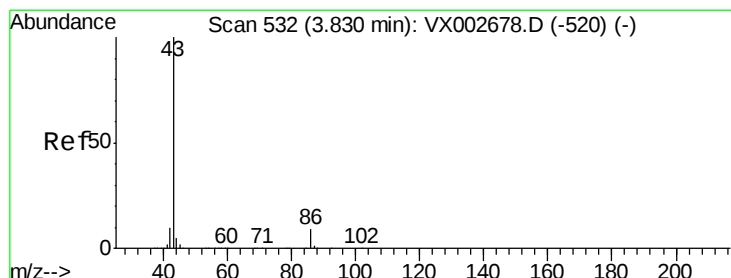
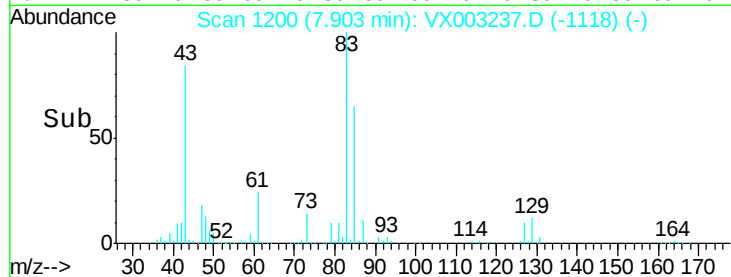
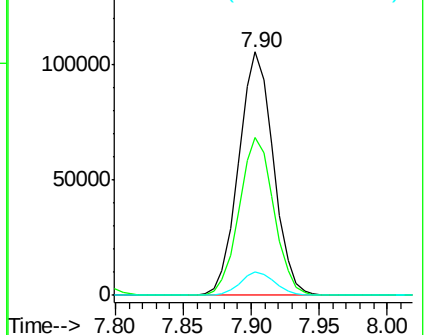
127 9.9 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 179.49 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003237.D

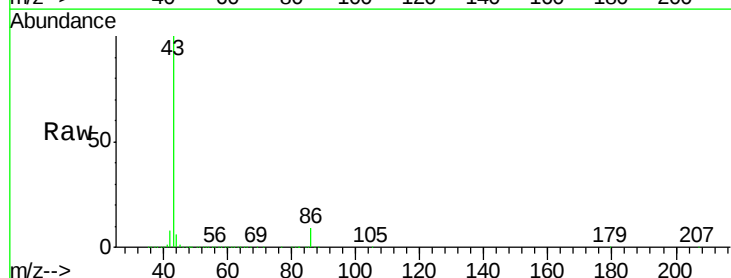
Acq: 07 Jul 2018 02:27

Tgt Ion: 43 Resp: 1739434

Ion Ratio Lower Upper

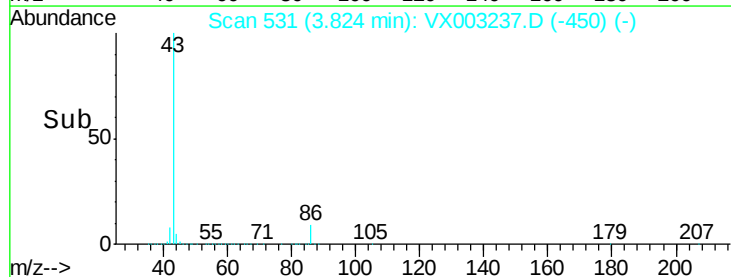
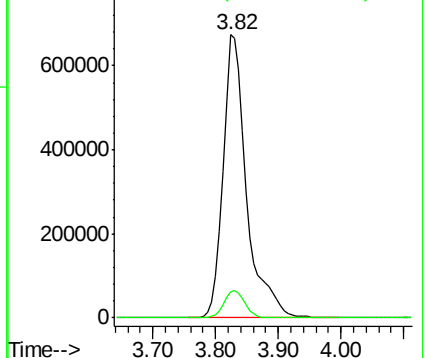
43 100

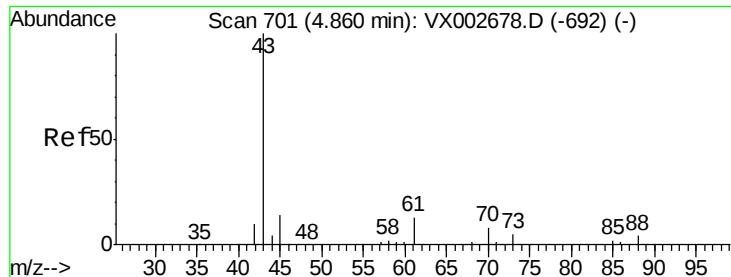
86 8.7 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 42.41 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

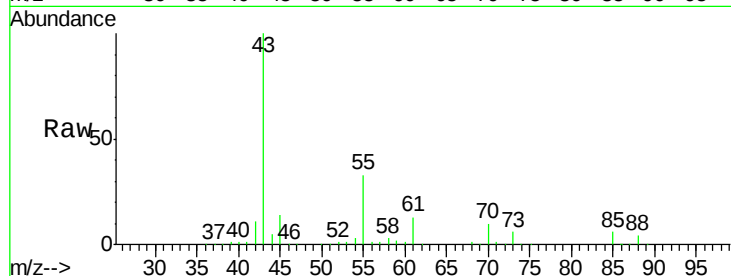
VSTDCCC050EC

Tot Ion: 43 Resp: 207276

Ion Ratio Lower Upper

43 100

45 15.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

200000

150000

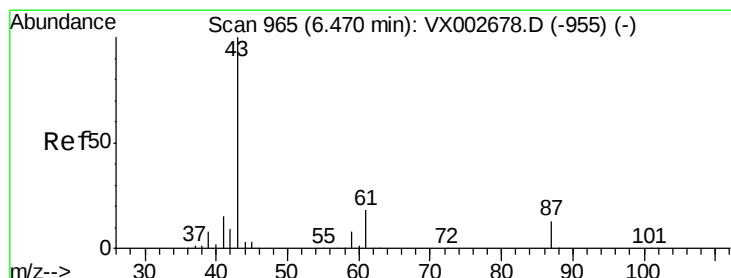
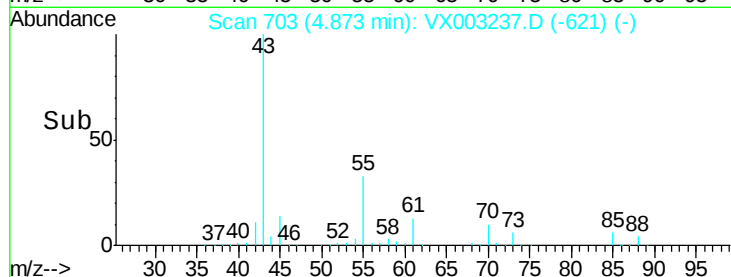
100000

50000

0

4.80 4.87 4.90 5.00

Time-->



#44

Isopropyl Acetate

Concen: 40.53 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003237.D

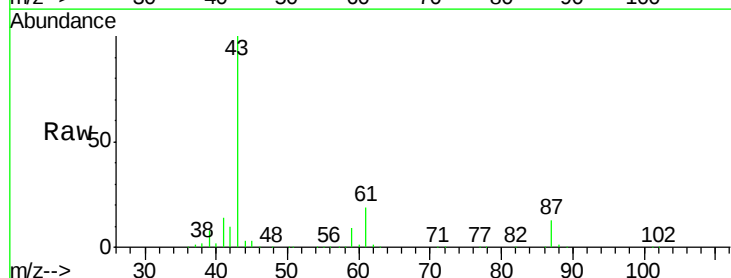
Acq: 07 Jul 2018 02:27

Tgt Ion: 43 Resp: 331877

Ion Ratio Lower Upper

43 100

61 19.2 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

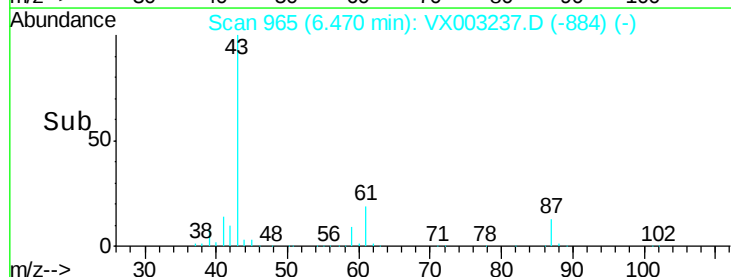
100000

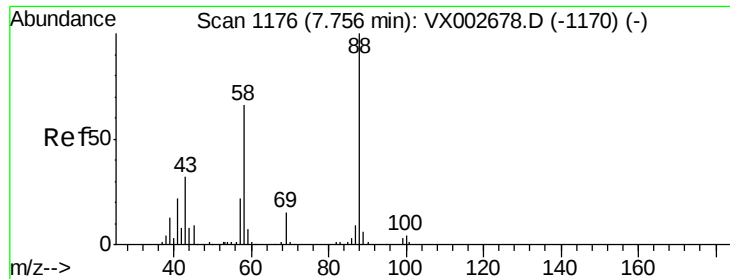
50000

0

6.40 6.47 6.50 6.60

Time-->

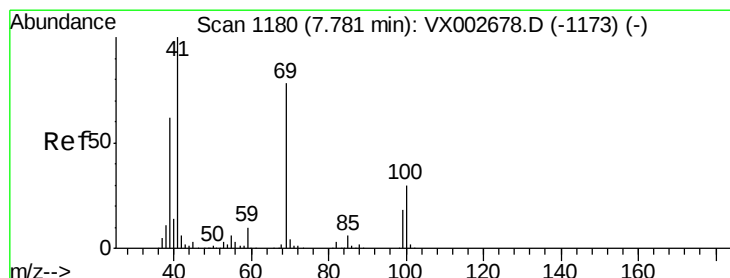
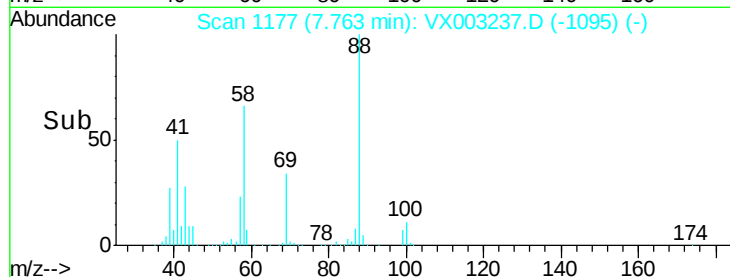
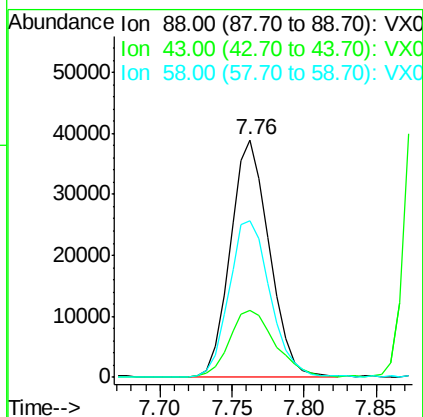
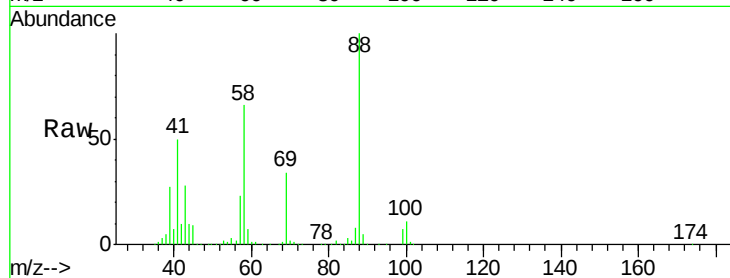




#45
 1,4-Dioxane
 Concen: 912.26 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

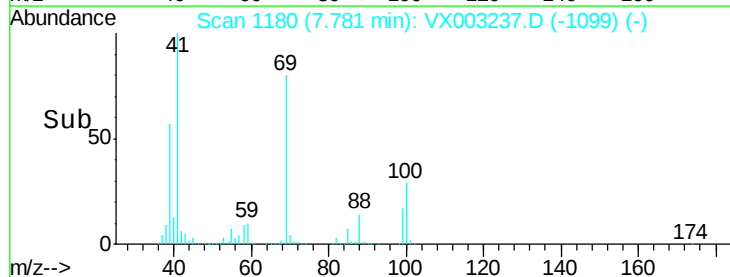
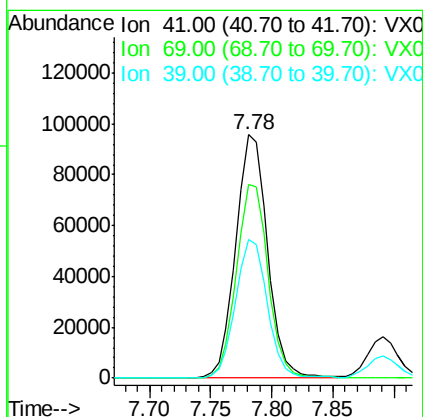
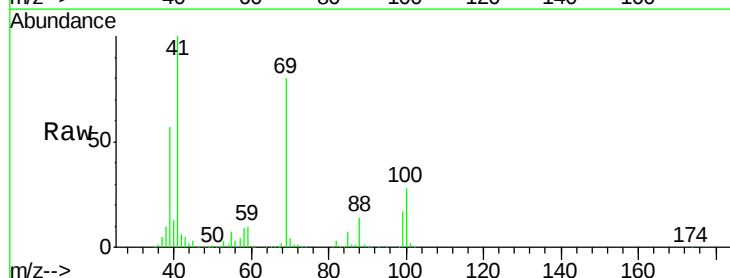
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

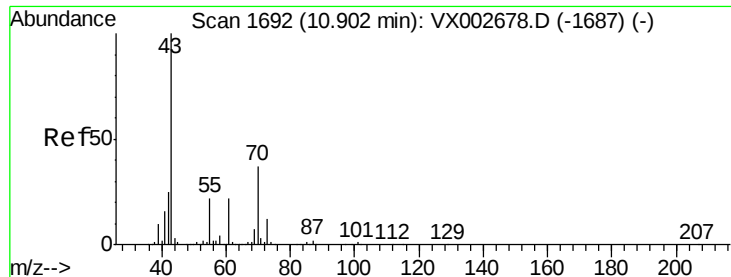
Tot Ion: 88 Resp: 73182
 Ion Ratio Lower Upper
 88 100
 43 32.5 43.2 64.8#
 58 70.2 60.2 90.2



#46
 Methyl methacrylate
 Concen: 41.20 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion: 41 Resp: 172395
 Ion Ratio Lower Upper
 41 100
 69 79.8 37.0 110.9
 39 57.0 29.6 88.9

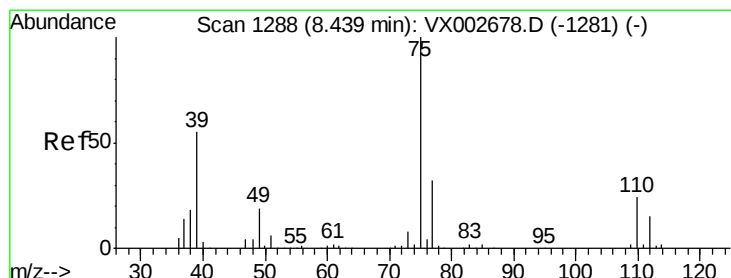
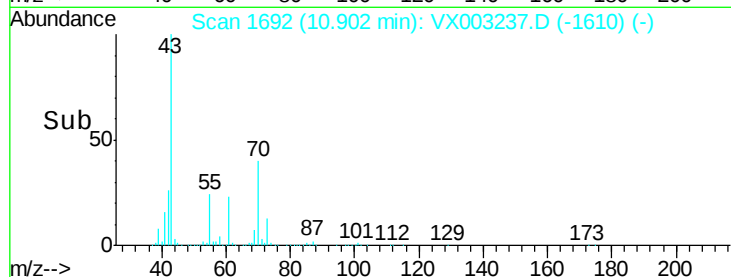
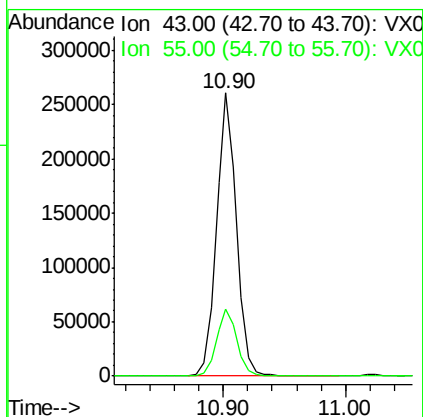
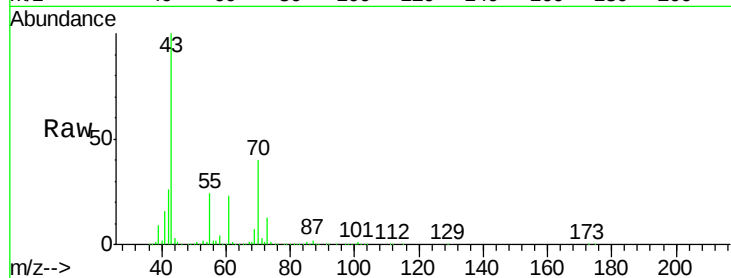




#47
n-amvl Acetate
Concen: 38.20 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

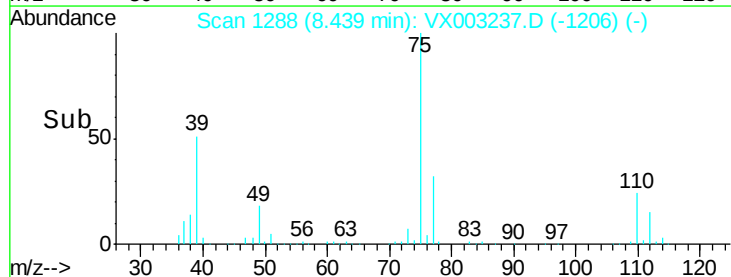
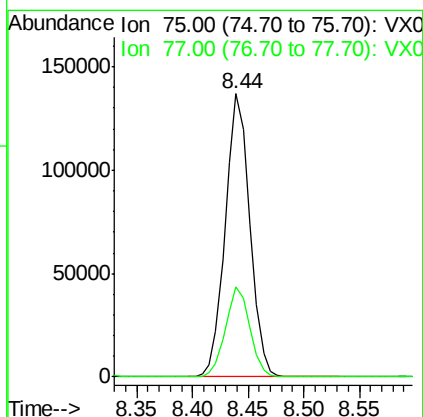
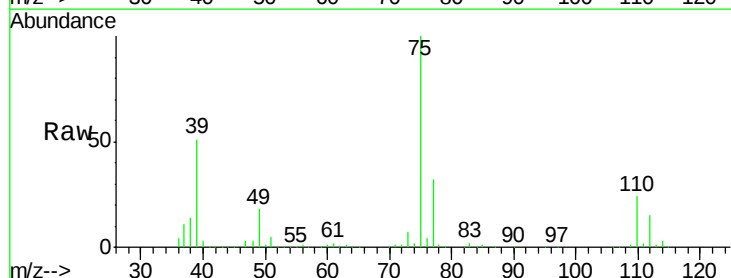
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

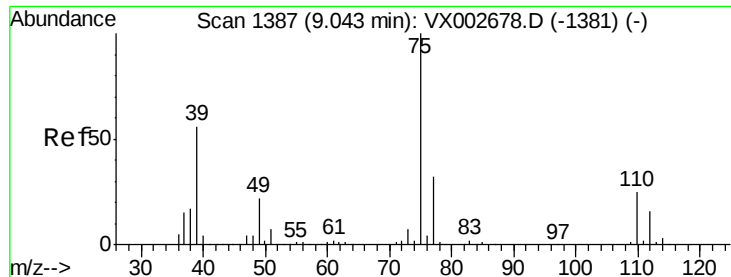
Tot Ion: 43 Resp: 295149
Ion Ratio Lower Upper
43 100
55 24.4 0.1 0.1#



#48
t-1,3-Dichloropropene
Concen: 39.60 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion: 75 Resp: 209313
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

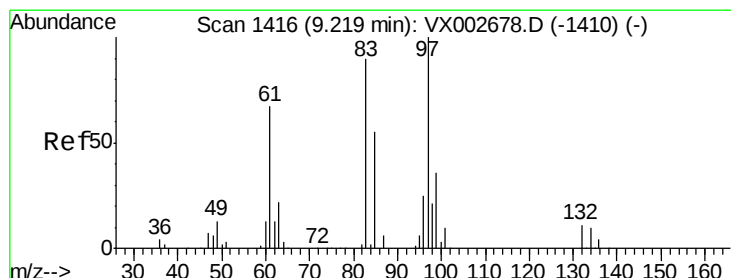
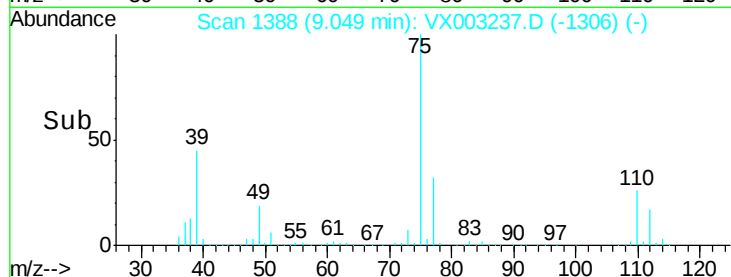
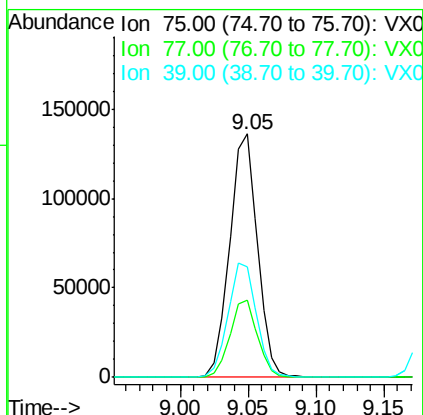
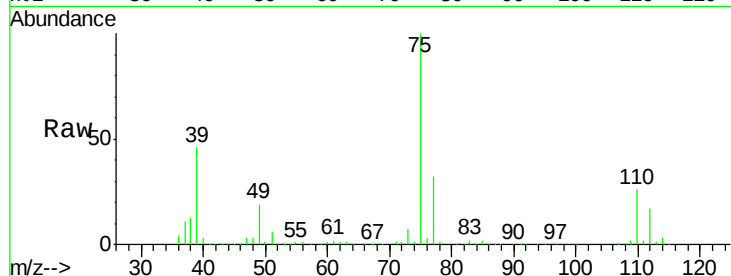




#49
 cis-1,3-Dichloropropene
 Concen: 39.14 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

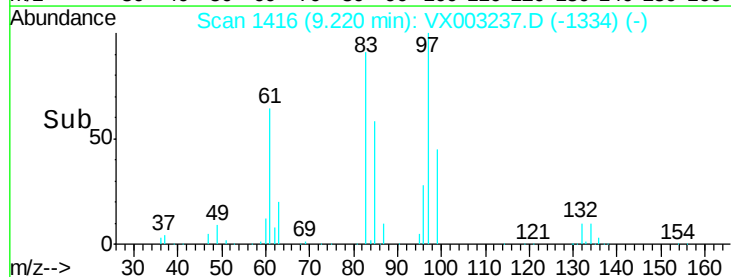
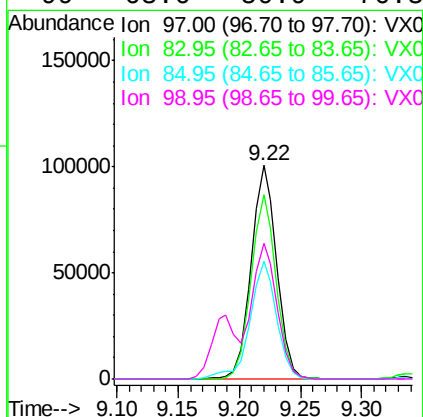
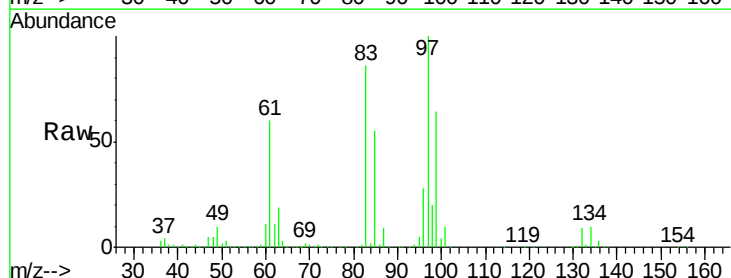
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

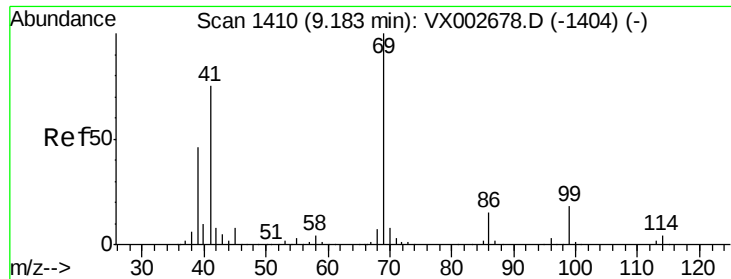
Tot Ion: 75 Resp: 193208
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 45.5 42.3 63.5



#50
 1,1,2-Trichloroethane
 Concen: 41.62 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion: 97 Resp: 147142
 Ion Ratio Lower Upper
 97 100
 83 86.3 70.8 106.2
 85 55.1 43.5 65.3
 99 63.6 50.9 76.3





#51

Ethyl methacrylate

Concen: 40.44 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

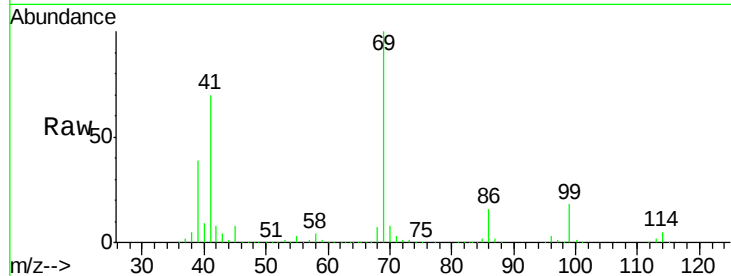
Tot Ion: 69 Resp: 215828

Ion Ratio Lower Upper

69 100

41 70.2 39.1 117.3

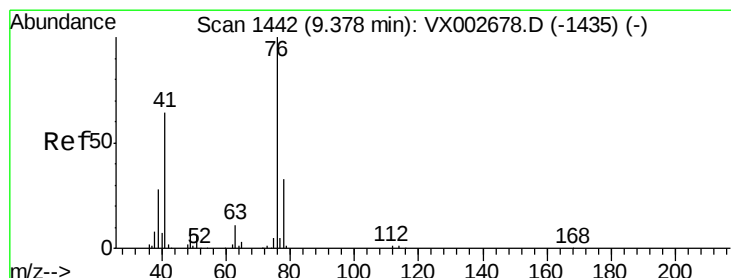
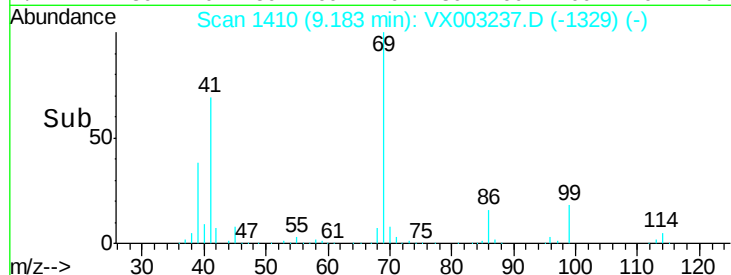
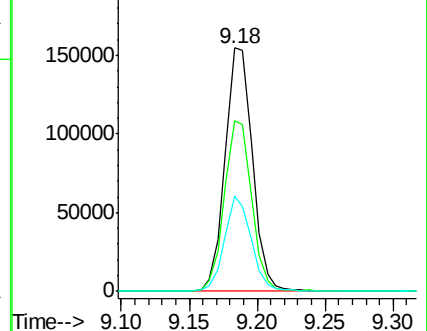
39 38.7 21.7 65.1



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



#52

1,3-Dichloropropane

Concen: 41.59 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003237.D

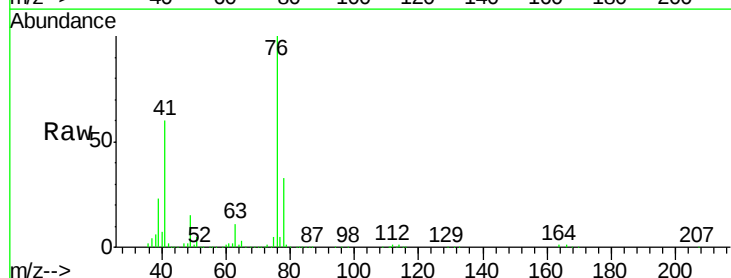
Acq: 07 Jul 2018 02:27

Tgt Ion: 76 Resp: 240183

Ion Ratio Lower Upper

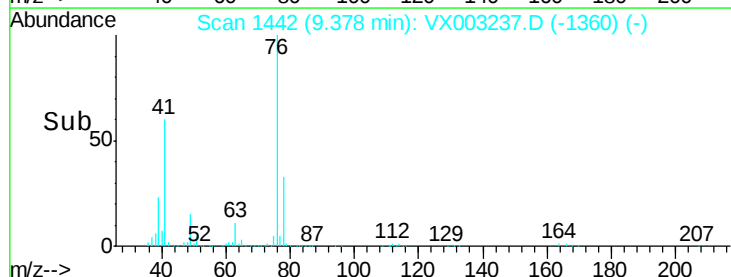
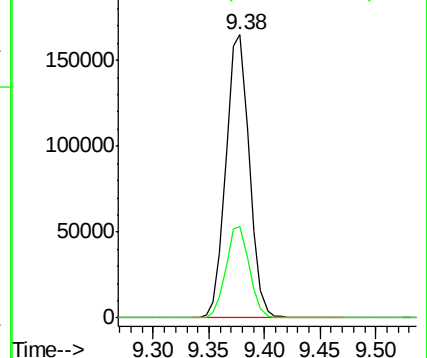
76 100

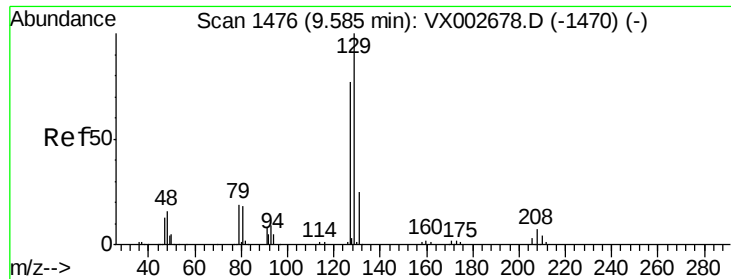
78 32.4 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

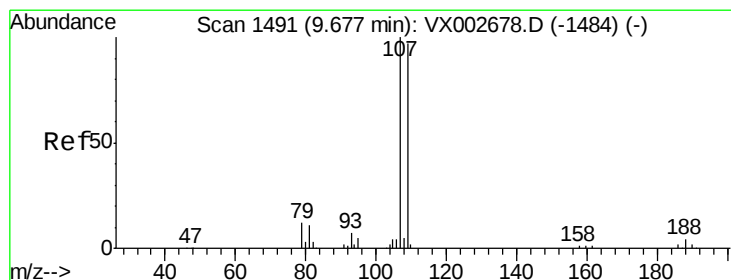
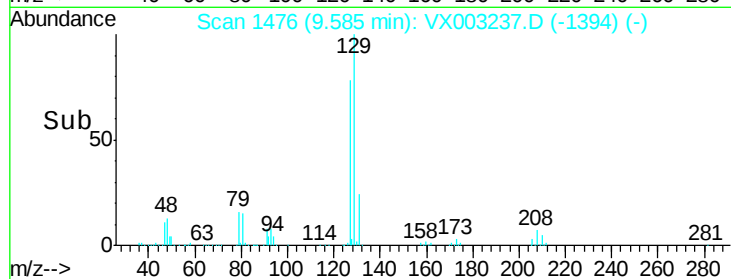
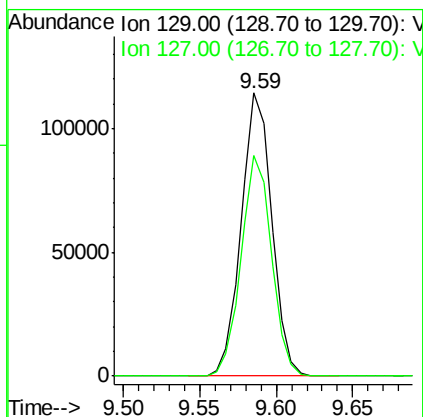
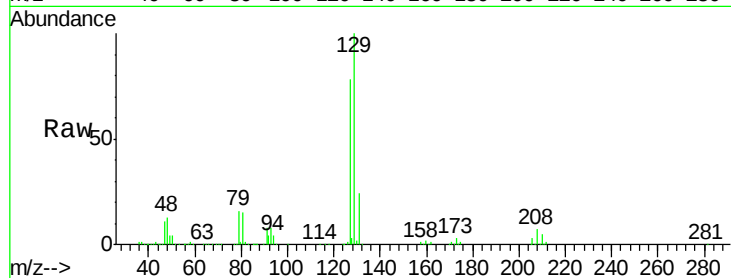




#53
 Dibromochloromethane
 Concen: 42.42 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

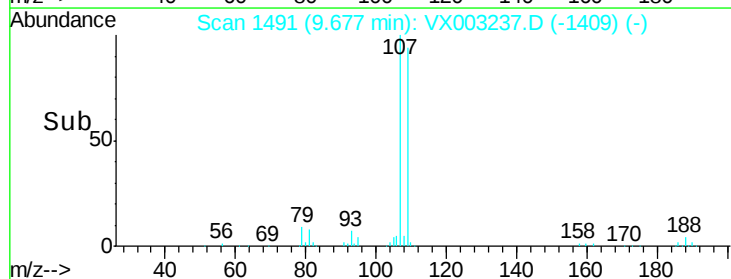
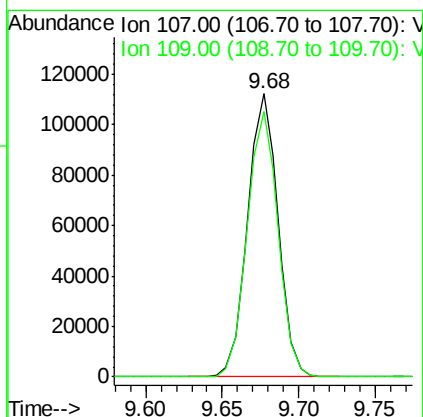
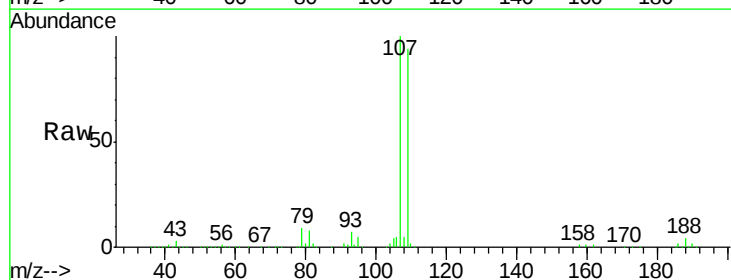
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

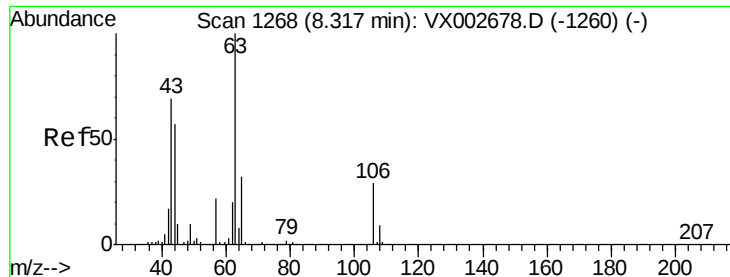
Tot Ion:129 Resp: 159209
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.5 115.3



#54
 1,2-Dibromoethane
 Concen: 41.77 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion:107 Resp: 155602
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.5 113.3

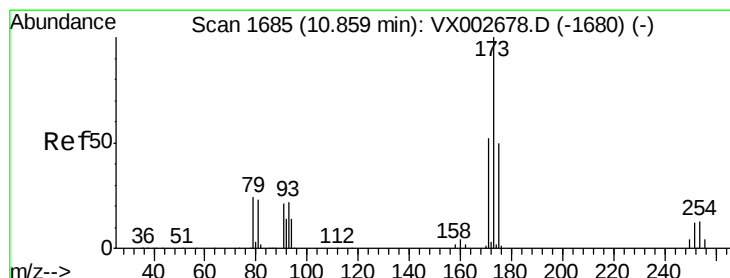
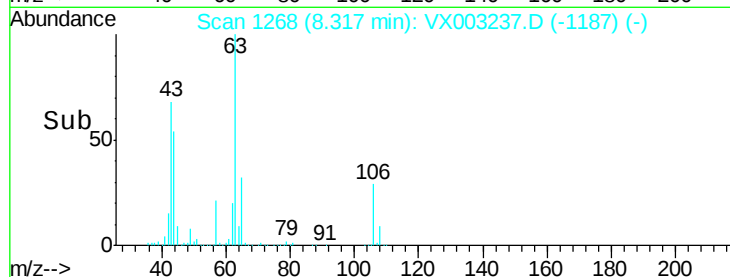
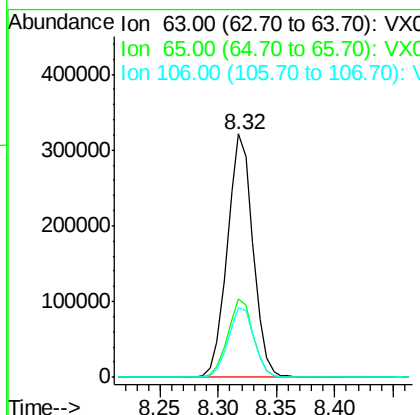
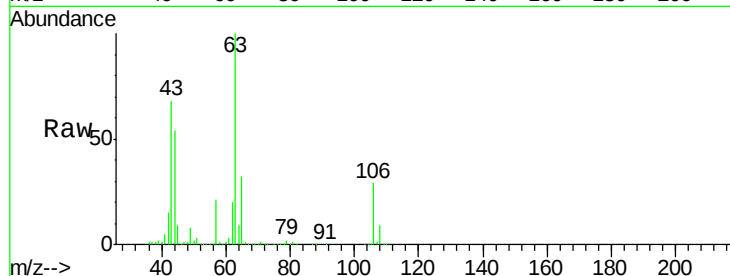




#55
 2-Chloroethyl vinyl ether
 Concen: 193.44 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

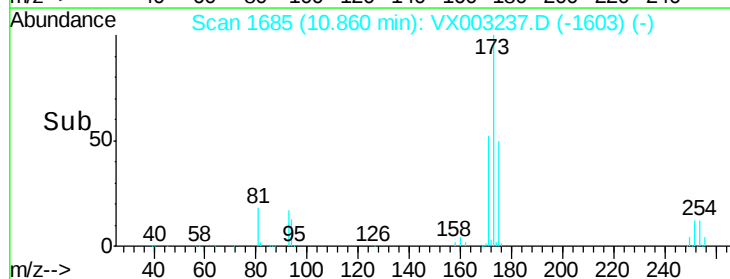
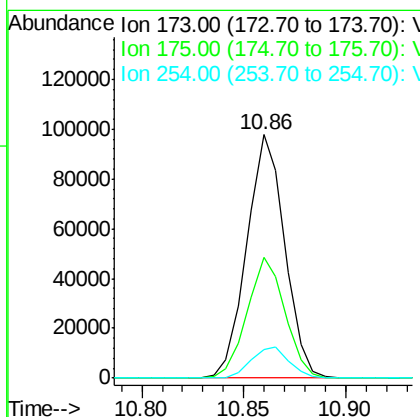
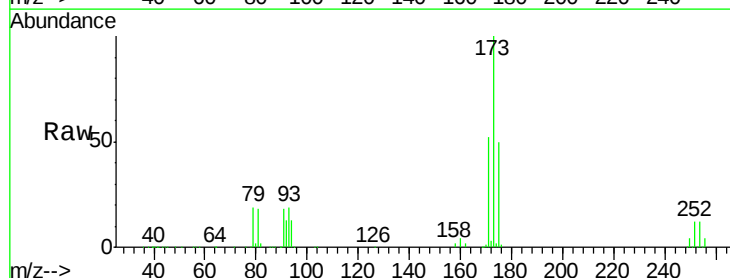
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

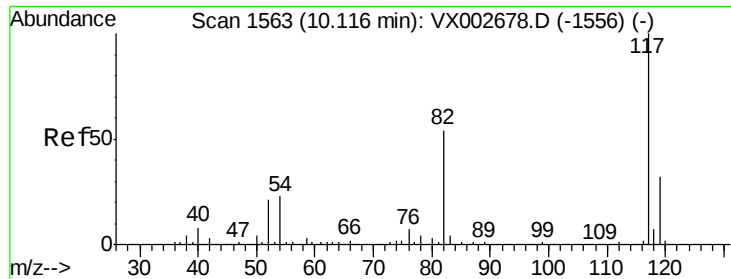
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.6	38.4
106	29.0	21.6	32.4



#56
 Bromoform
 Concen: 42.24 ug/l
 RT: 10.86 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.0	58.4
254	12.6	9.6	14.4

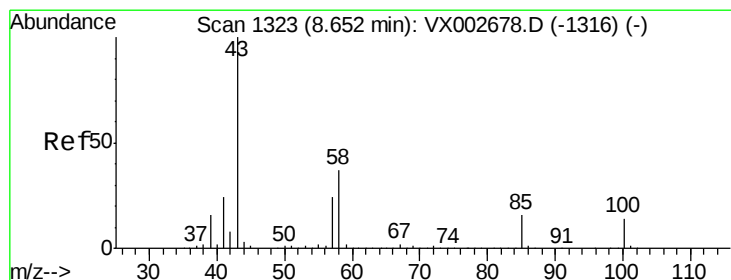
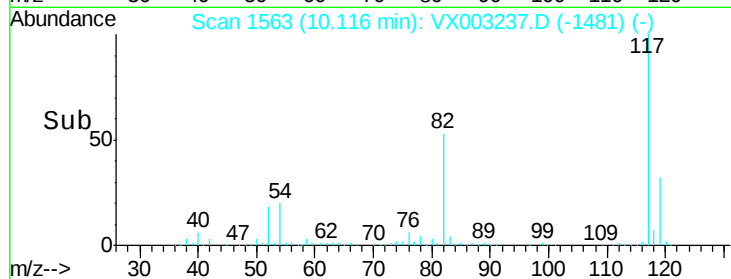
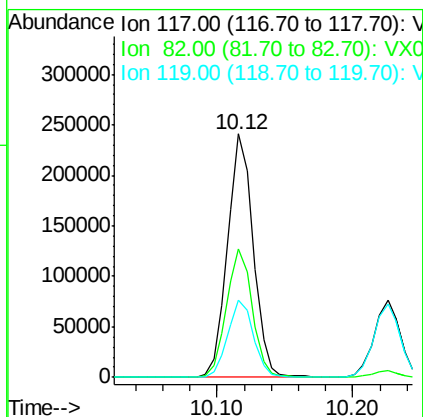
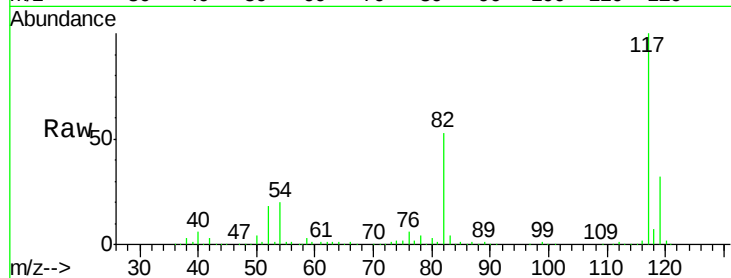




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

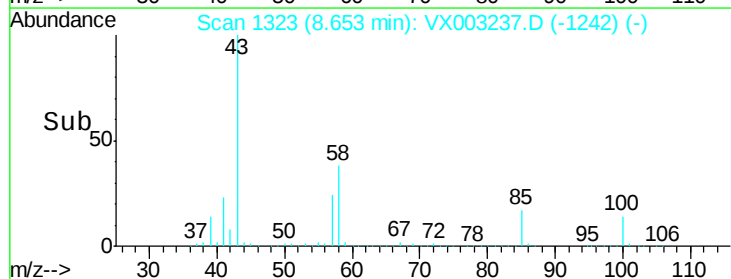
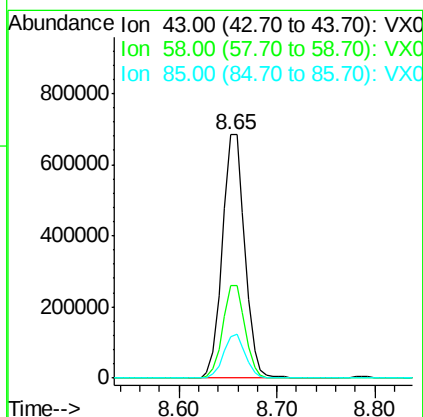
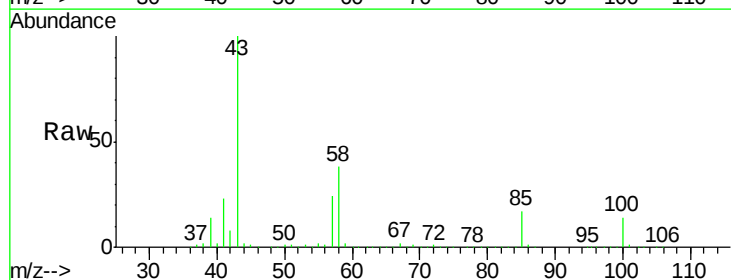
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

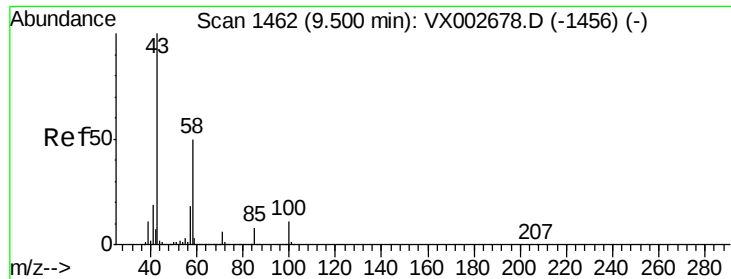
Tot Ion:117 Resp: 318115
Ion Ratio Lower Upper
117 100
82 53.0 44.3 66.5
119 32.0 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 202.05 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion: 43 Resp: 1091282
Ion Ratio Lower Upper
43 100
58 37.8 28.2 42.4
85 17.4 12.4 18.6

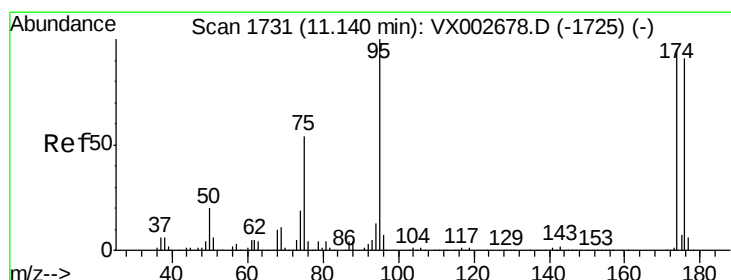
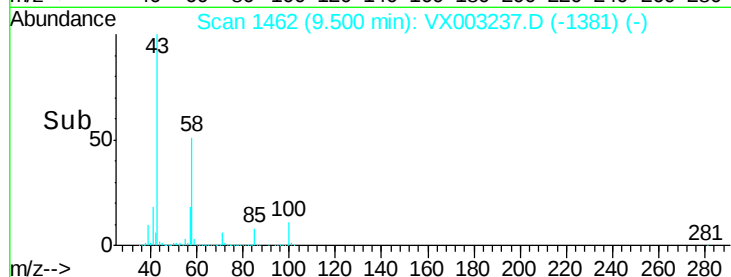
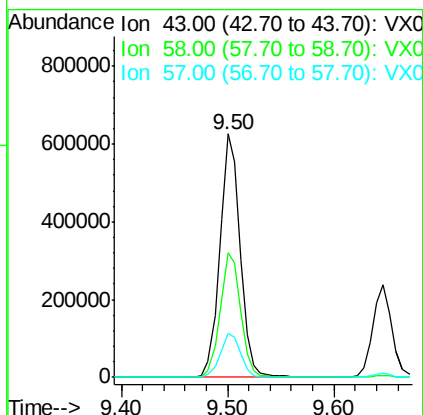
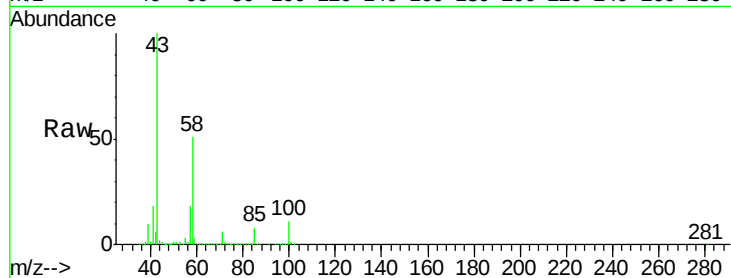




#59
2-Hexanone
Concen: 201.23 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

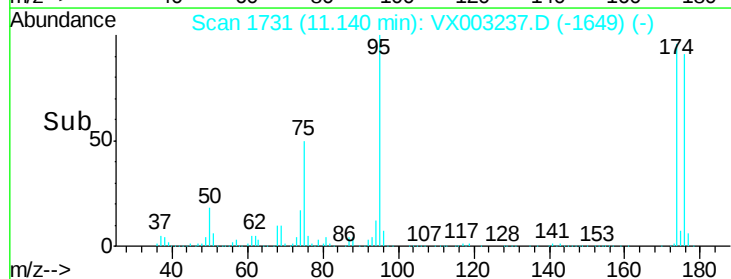
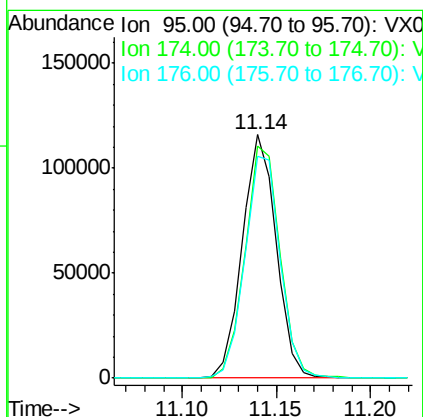
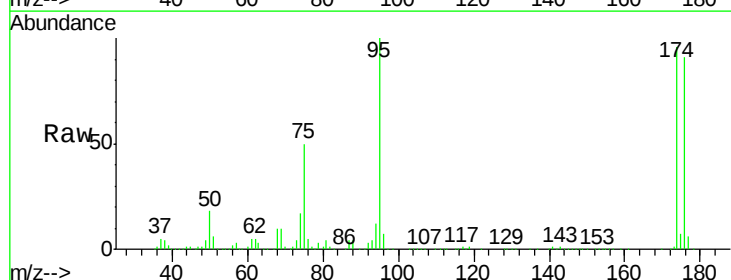
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

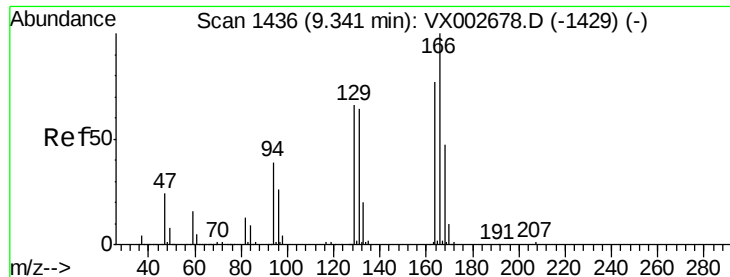
Tot Ion: 43 Resp: 830843
Ion Ratio Lower Upper
43 100
58 52.0 39.6 59.4
57 18.3 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 27.58 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion: 95 Resp: 144882
Ion Ratio Lower Upper
95 100
174 98.5 71.8 107.6
176 94.9 70.1 105.1

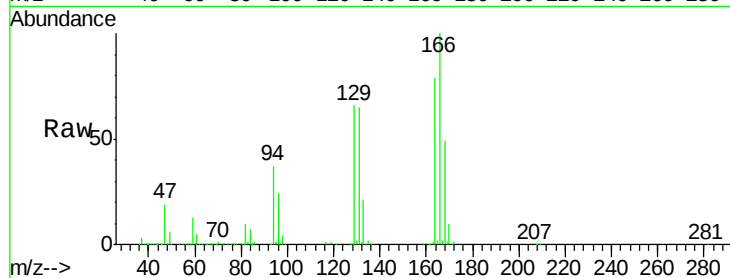




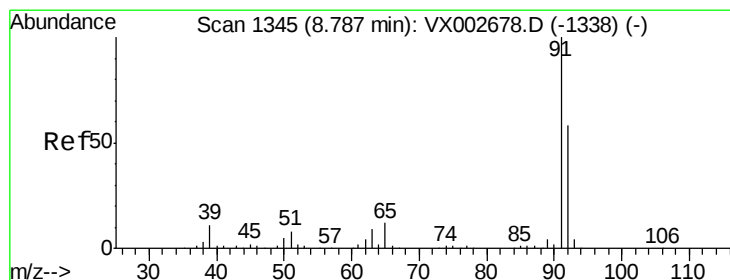
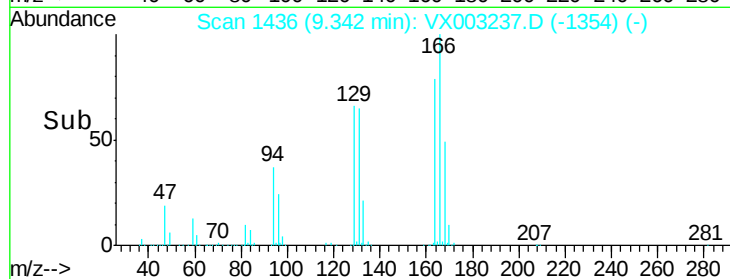
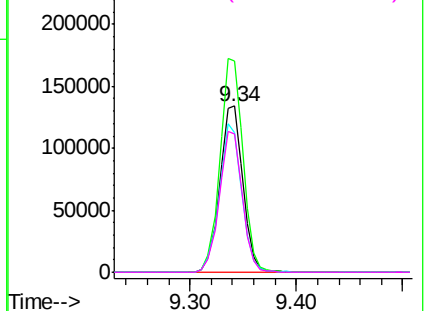
#61
Tetrachloroethene
Concen: 46.30 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:164 Resp: 202161
Ion Ratio Lower Upper
164 100
166 127.2 102.4 153.6
129 84.1 70.1 105.1
131 83.2 69.1 103.7

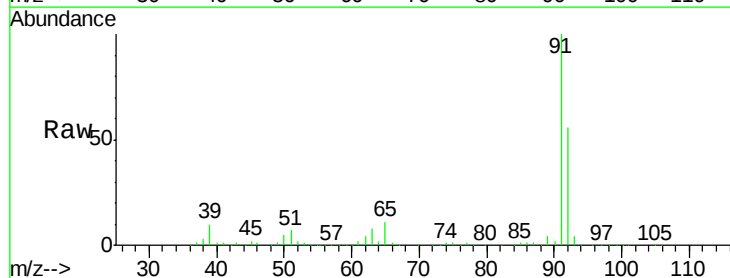


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

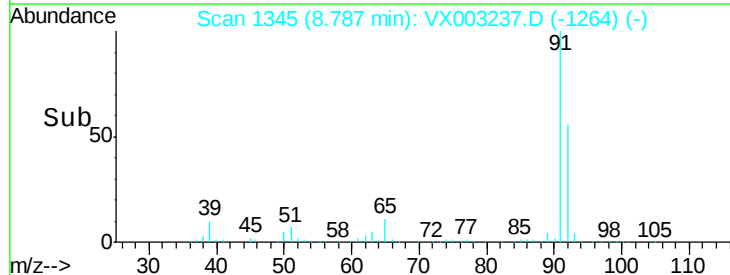
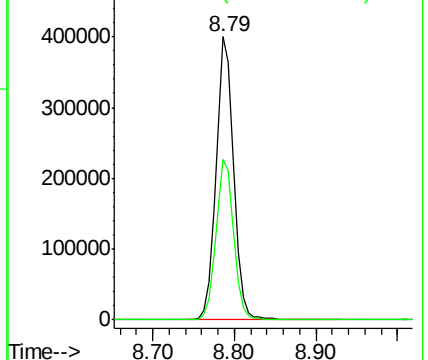


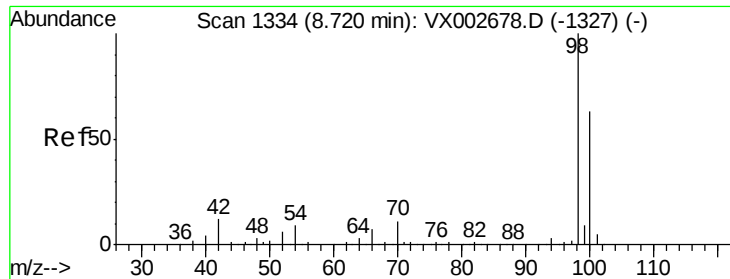
#62
Toluene
Concen: 39.82 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion: 91 Resp: 610567
Ion Ratio Lower Upper
91 100
92 57.1 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 26.22 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

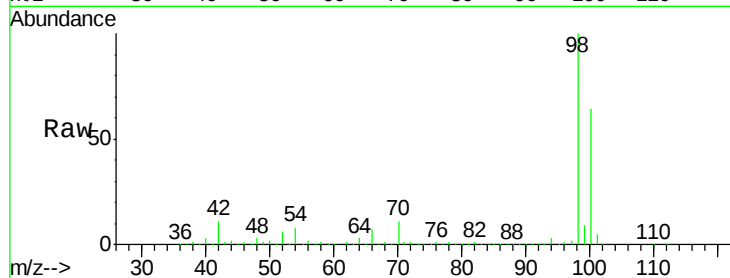
VSTDCCC050EC

Tot Ion: 98 Resp: 364358

Ion Ratio Lower Upper

98 100

100 64.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX002678.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX002678.D (-1327) (-)

250000

200000

150000

100000

50000

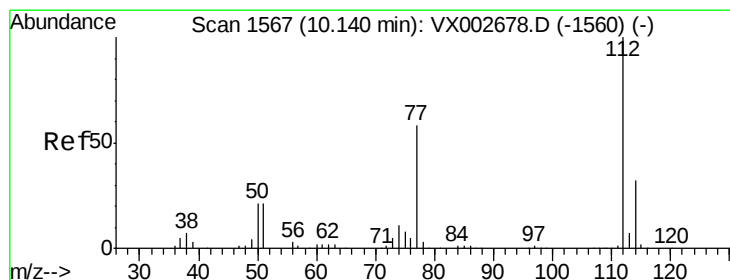
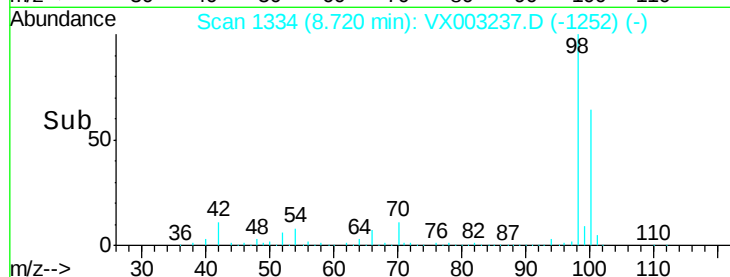
0

8.72

8.70

8.80

Time-->



#64

Chlorobenzene

Concen: 40.22 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003237.D

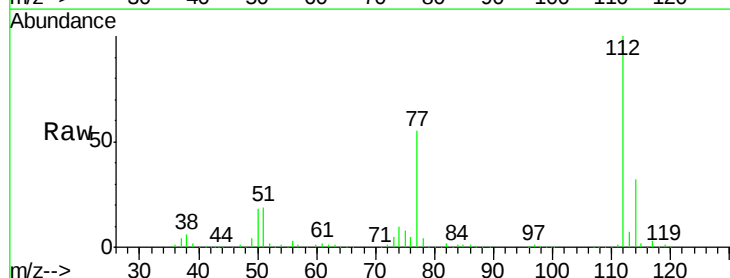
Acq: 07 Jul 2018 02:27

Tgt Ion: 112 Resp: 409708

Ion Ratio Lower Upper

112 100

114 32.2 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): VX002678.D (-1560) (-)

Ion 114.00 (113.70 to 114.70): VX002678.D (-1560) (-)

300000

200000

100000

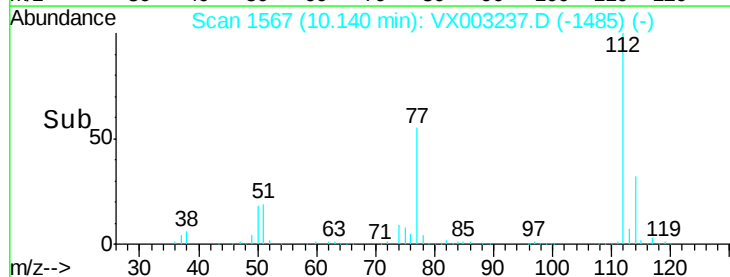
0

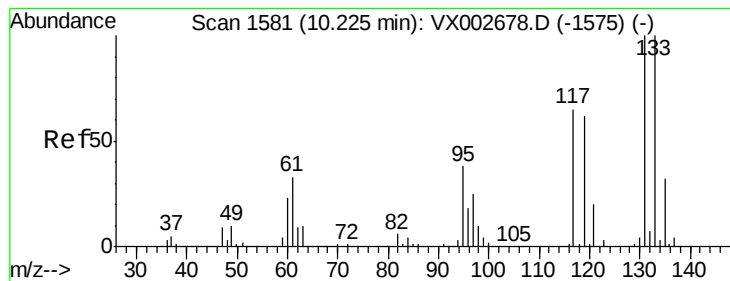
10.14

10.10

10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 41.46 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

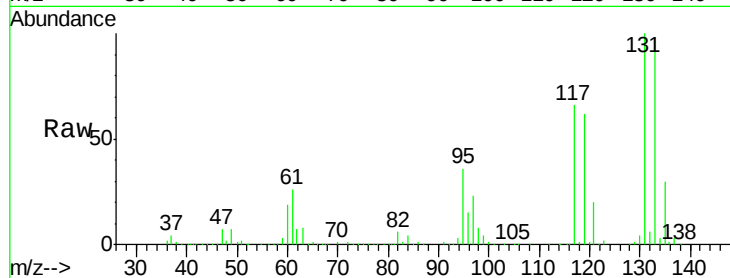
Tot Ion:131 Resp: 154839

Ion Ratio Lower Upper

131 100

133 96.5 0.0 191.2

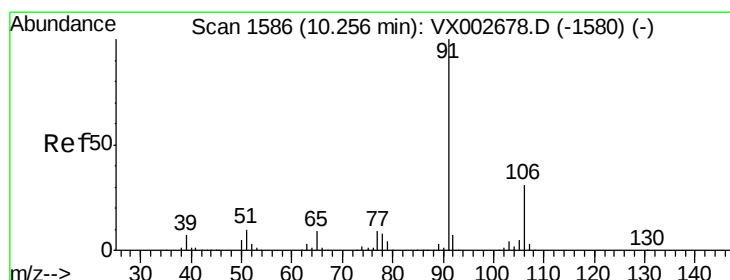
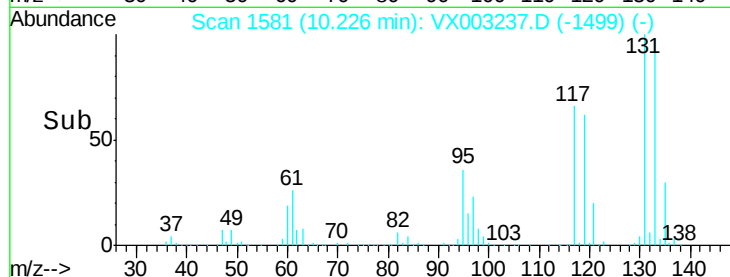
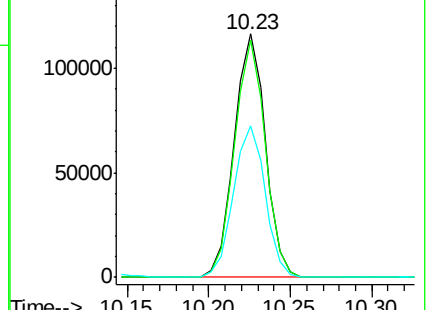
119 63.3 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 39.32 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003237.D

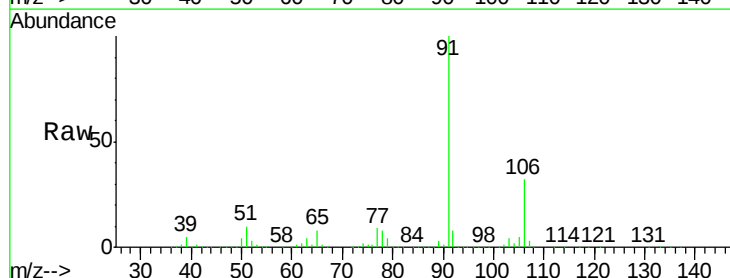
Acq: 07 Jul 2018 02:27

Tgt Ion: 91 Resp: 679112

Ion Ratio Lower Upper

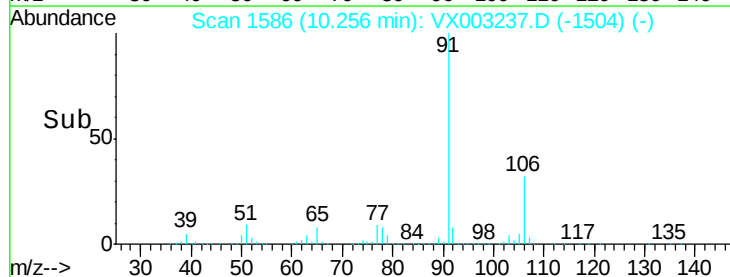
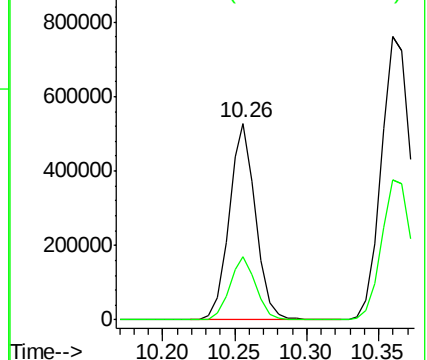
91 100

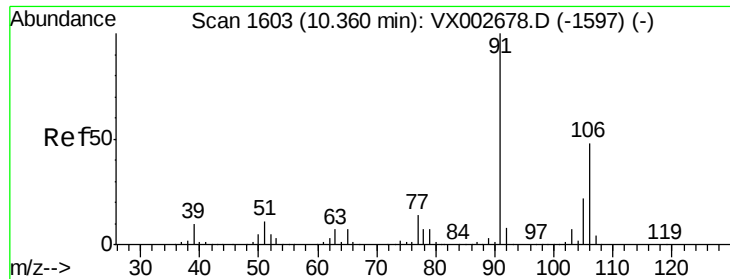
106 32.1 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

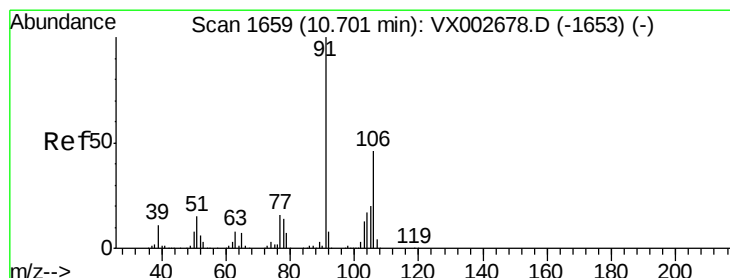
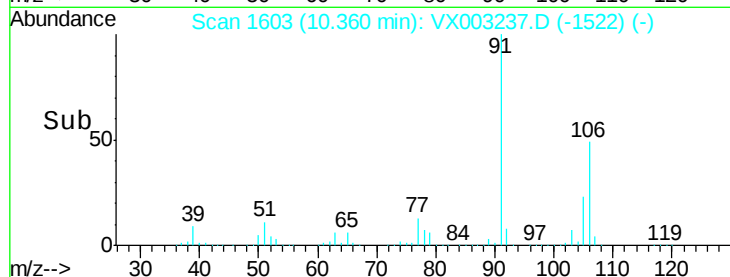
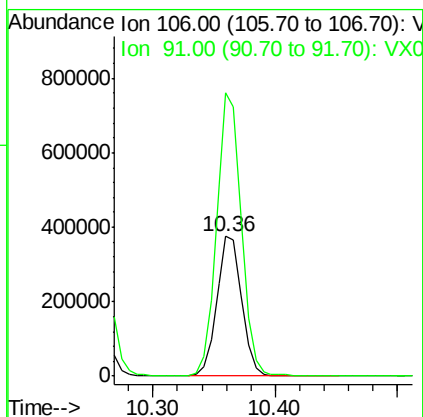
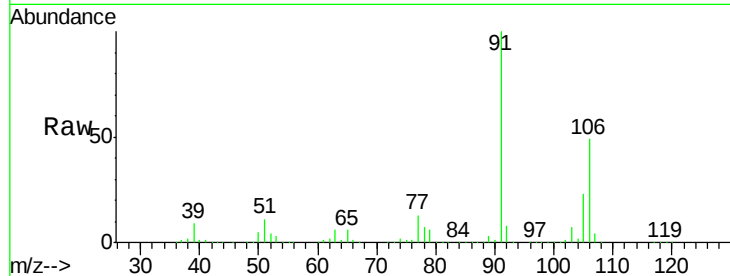




#67
m/p-Xylenes
Concen: 79.40 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

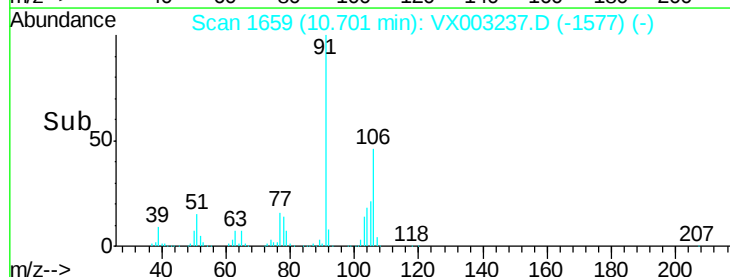
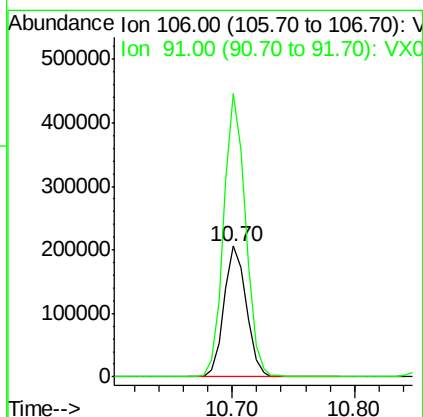
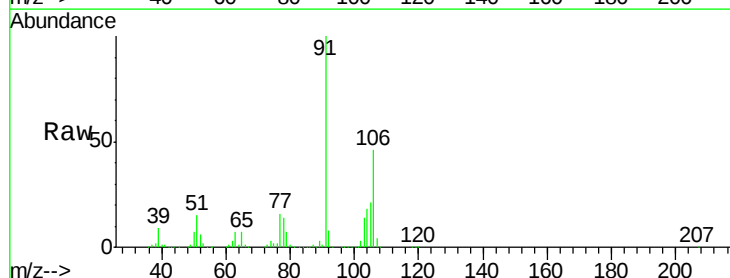
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

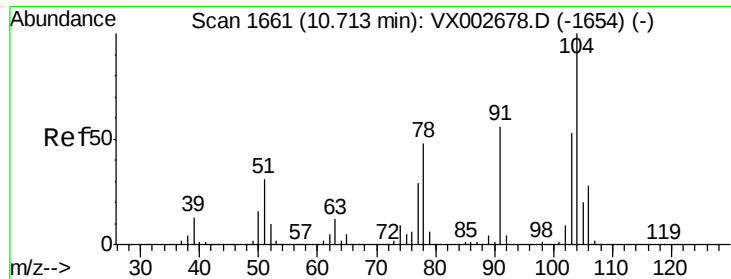
Tot Ion:106 Resp: 532862
Ion Ratio Lower Upper
106 100
91 199.7 164.1 246.1



#68
o-Xylene
Concen: 39.86 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion:106 Resp: 260589
Ion Ratio Lower Upper
106 100
91 212.0 109.1 327.3

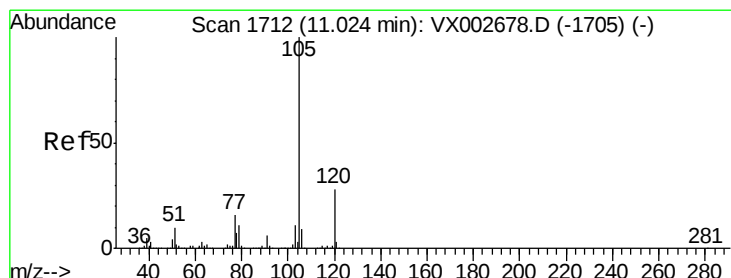
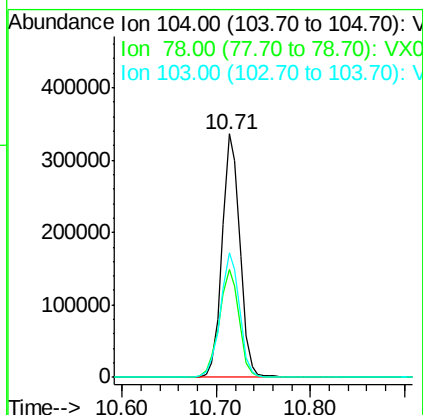
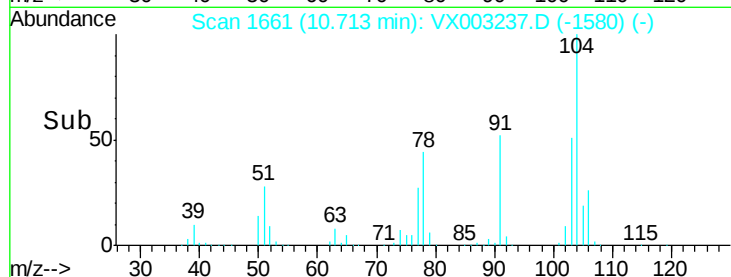
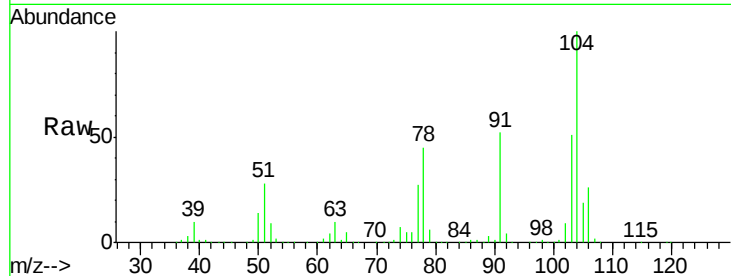




#69
Stvrene
Concen: 40.46 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

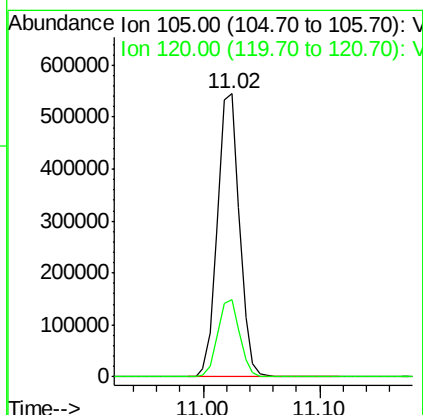
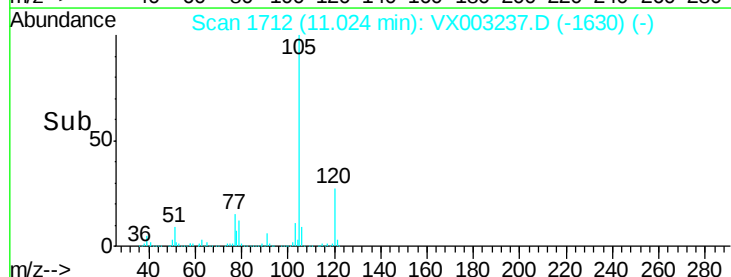
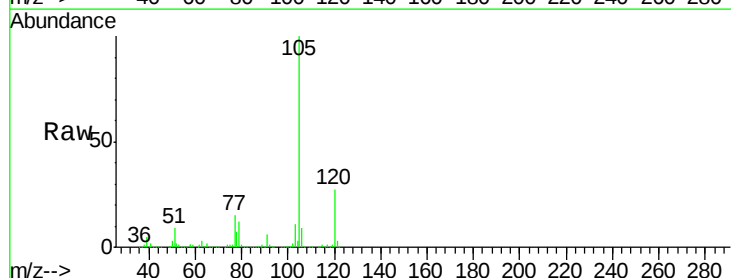
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

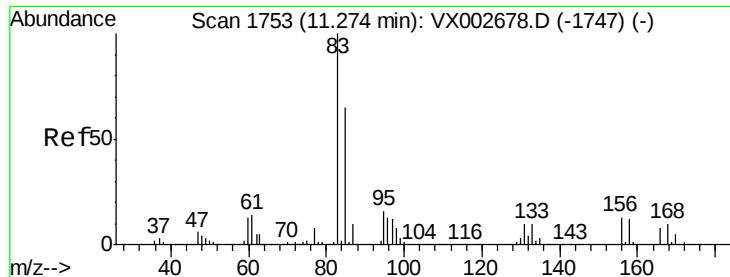
Tot Ion:104 Resp: 441330
Ion Ratio Lower Upper
104 100
78 49.0 41.8 62.8
103 55.0 44.9 67.3



#70
Isopropylbenzene
Concen: 39.26 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion:105 Resp: 707783
Ion Ratio Lower Upper
105 100
120 27.2 19.0 35.2

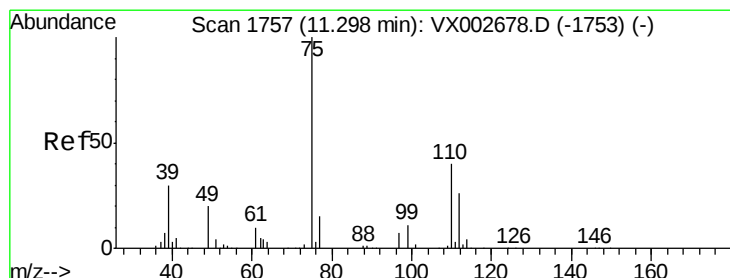
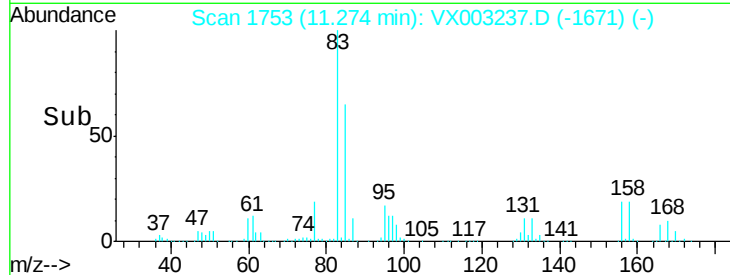
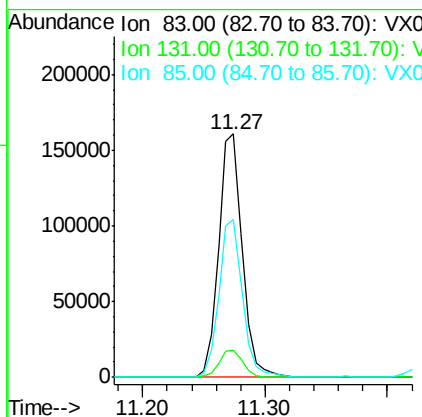
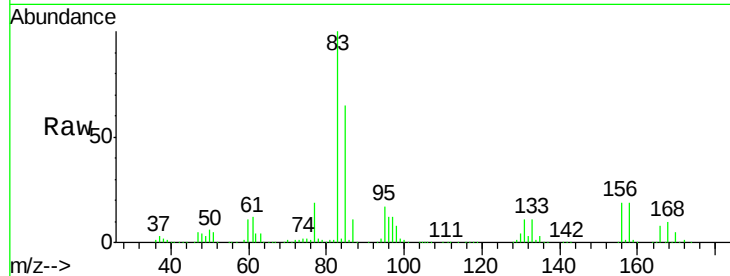




#71
 1,1,2,2-Tetrachloroethane
 Concen: 40.01 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

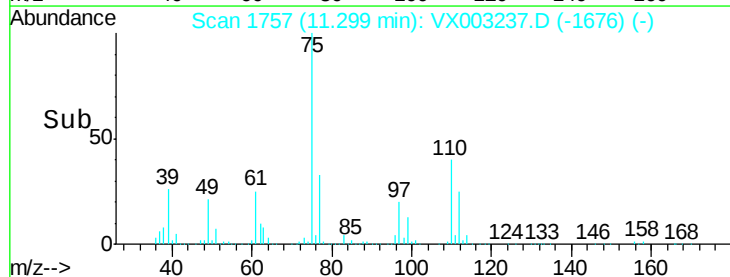
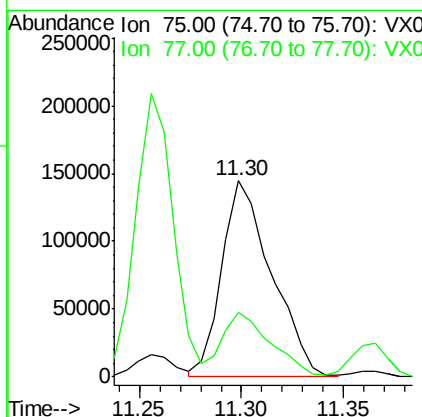
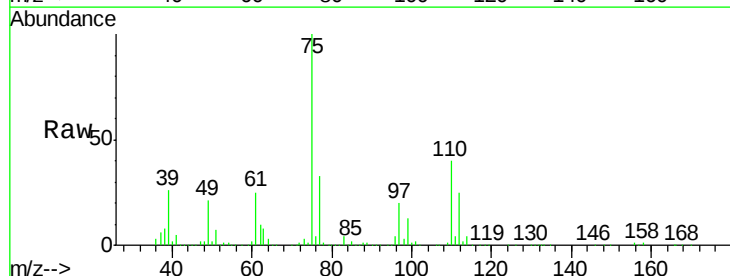
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

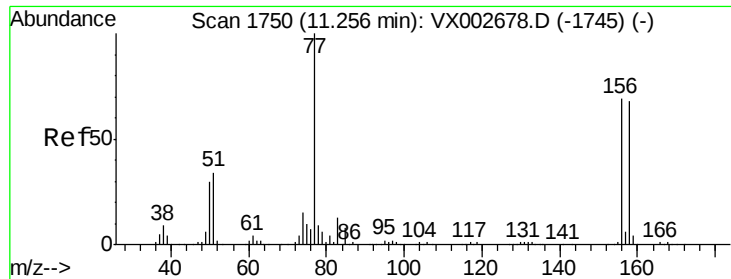
Tot Ion	83	Resp	215635
Ion Ratio	100		
Lower	5.4		
Upper	16.2		
85	65.0	32.4	97.2



#72
 1,2,3-Trichloropropane
 Concen: 52.46 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion	75	Resp	245090
Ion Ratio	100		
Lower	0.0		
Upper	71.8		
77	30.9		





#73

Bromobenzene

Concen: 39.68 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

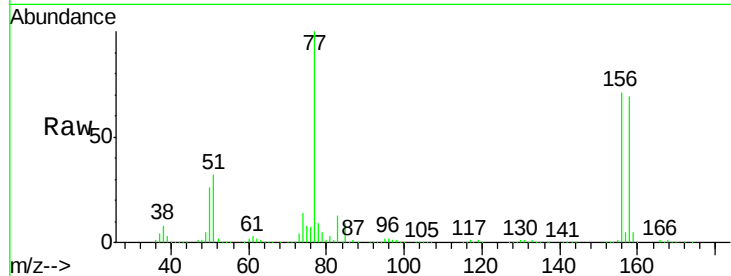
Tot Ion:156 Resp: 198964

Ion Ratio Lower Upper

156 100

77 134.7 0.0 301.0

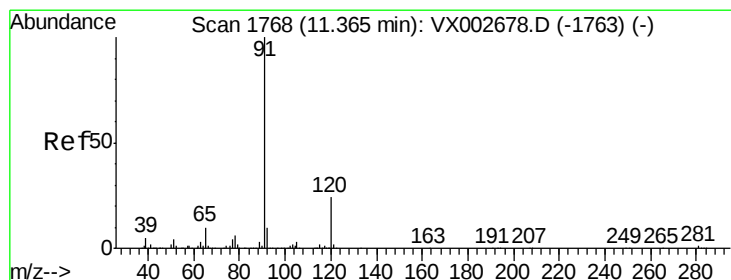
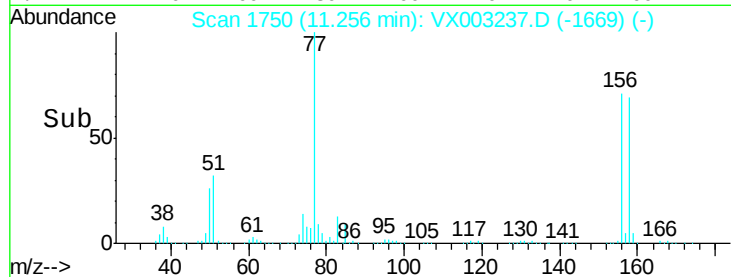
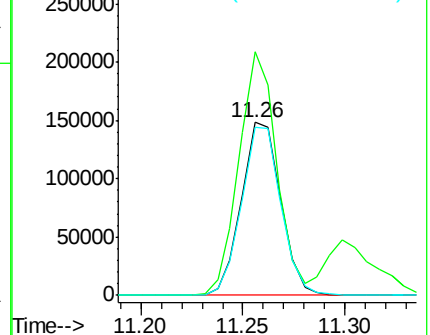
158 97.6 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 38.00 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003237.D

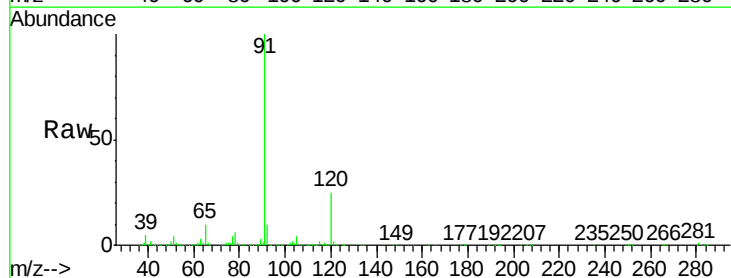
Acq: 07 Jul 2018 02:27

Tgt Ion: 91 Resp: 795359

Ion Ratio Lower Upper

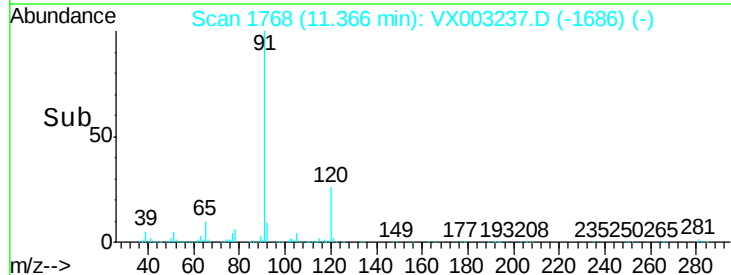
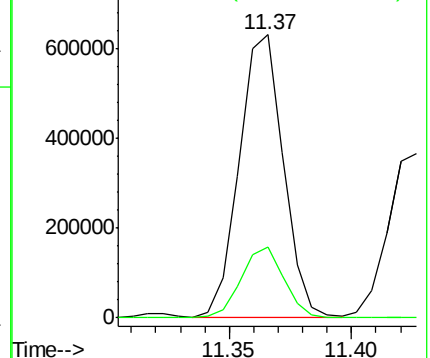
91 100

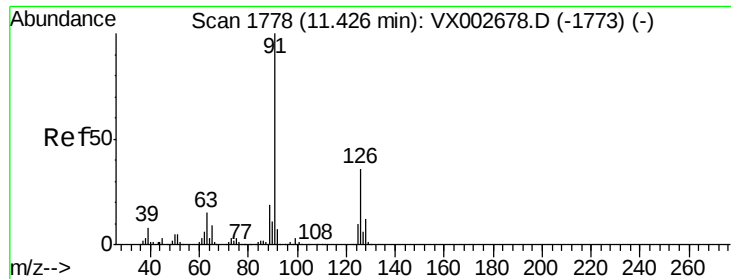
120 24.2 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 39.06 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

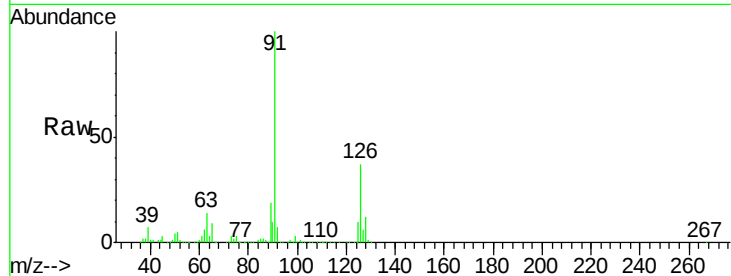
VSTDCCC050EC

Tot Ion: 91 Resp: 475738

Ion Ratio Lower Upper

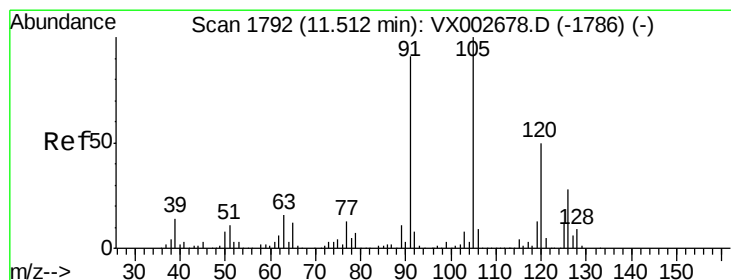
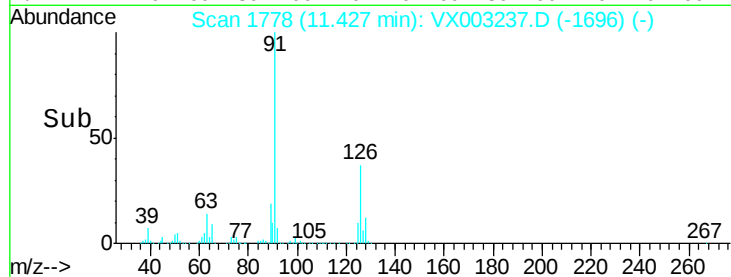
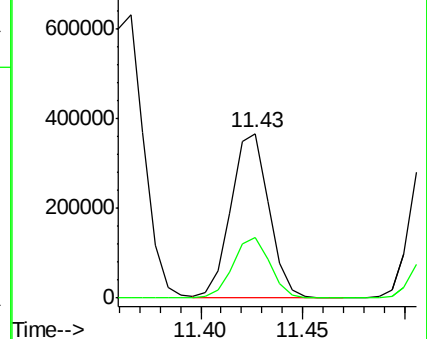
91 100

126 35.9 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 38.80 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003237.D

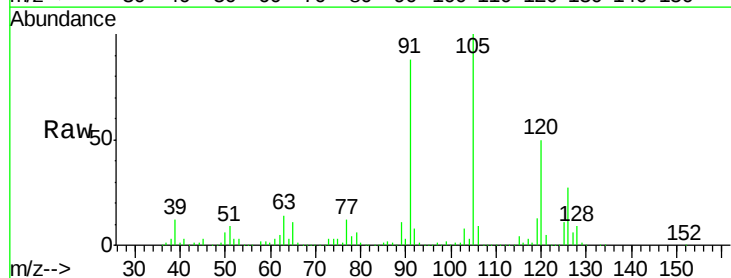
Acq: 07 Jul 2018 02:27

Tgt Ion:105 Resp: 593909

Ion Ratio Lower Upper

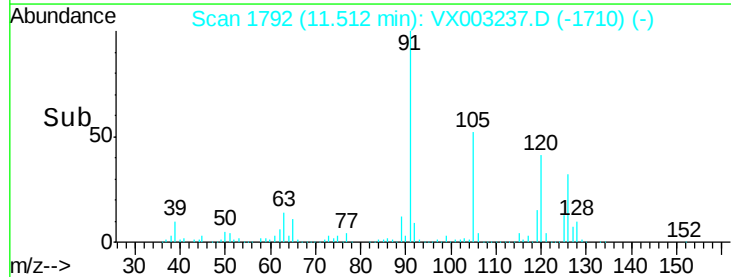
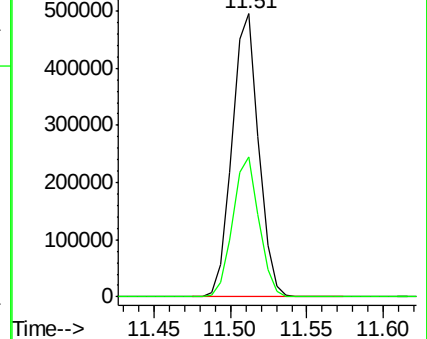
105 100

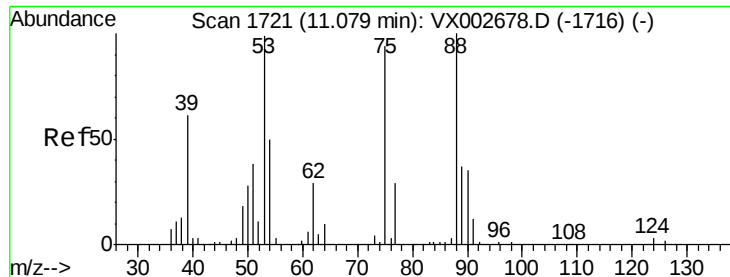
120 49.2 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 36.51 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

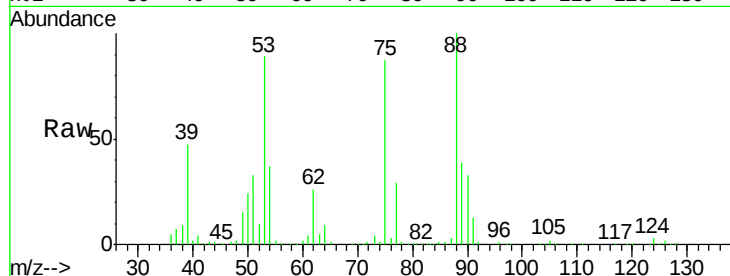
Tot Ion: 75 Resp: 54859

Ion Ratio Lower Upper

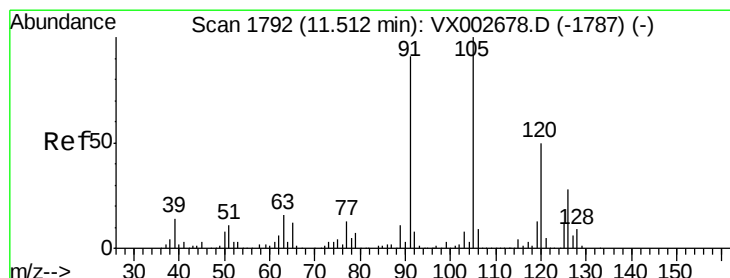
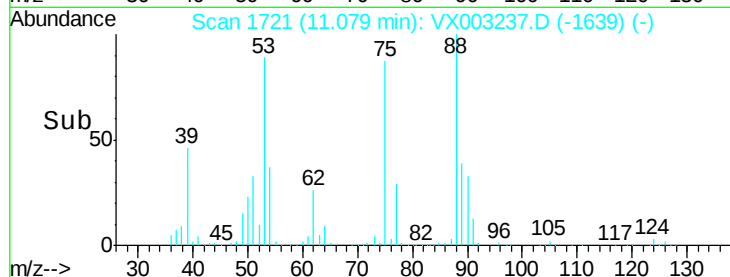
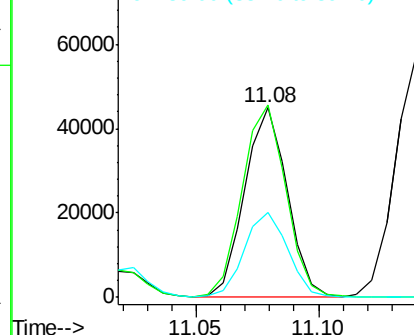
75 100

53 101.6 48.3 144.9

89 45.0 21.8 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 38.21 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003237.D

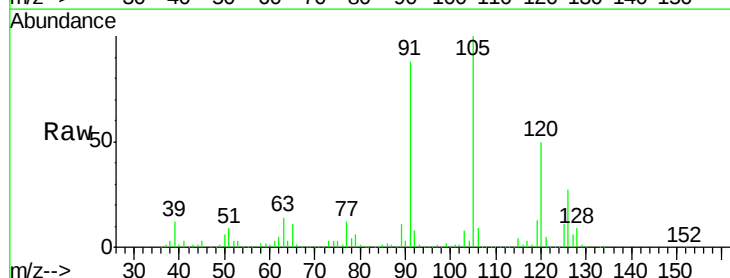
Acq: 07 Jul 2018 02:27

Tgt Ion: 91 Resp: 551278

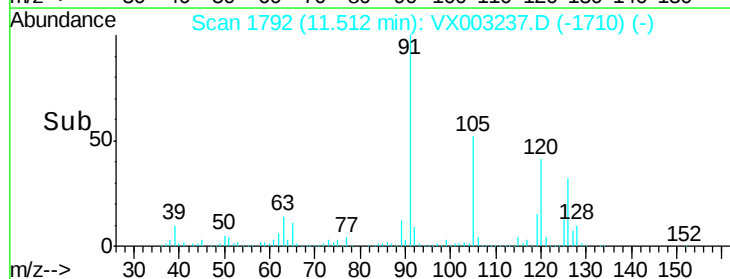
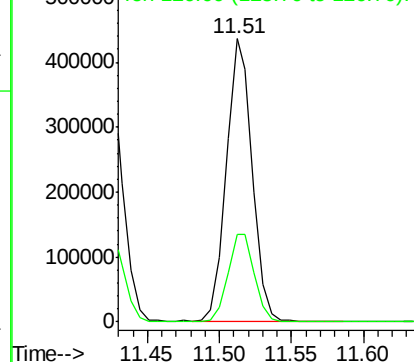
Ion Ratio Lower Upper

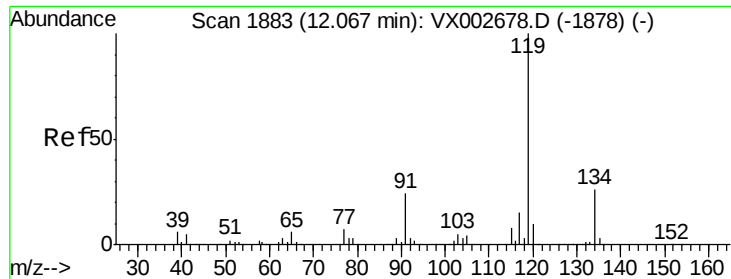
91 100

126 31.9 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V

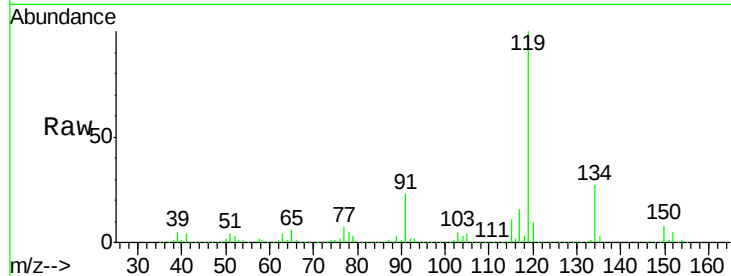




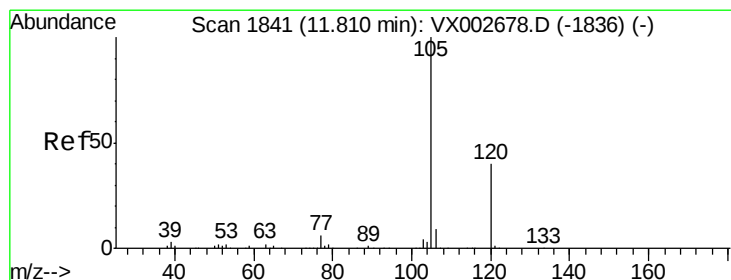
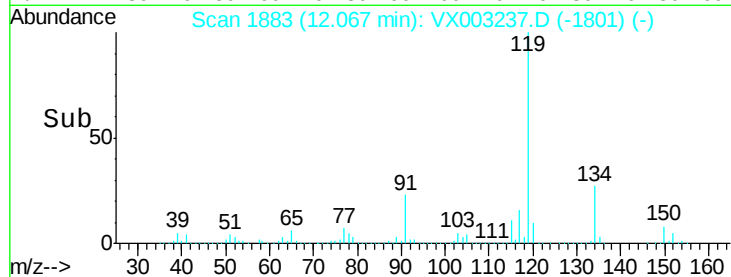
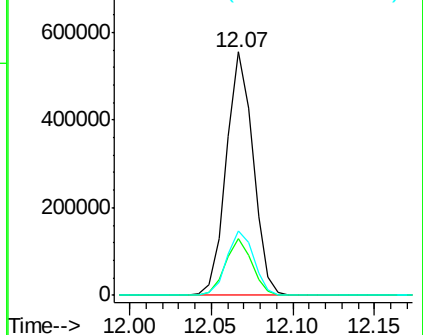
#79
tert-butylbenzene
Concen: 37.52 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 633449
Ion Ratio Lower Upper
119 100
91 23.0 0.0 48.0
134 26.9 0.0 52.6

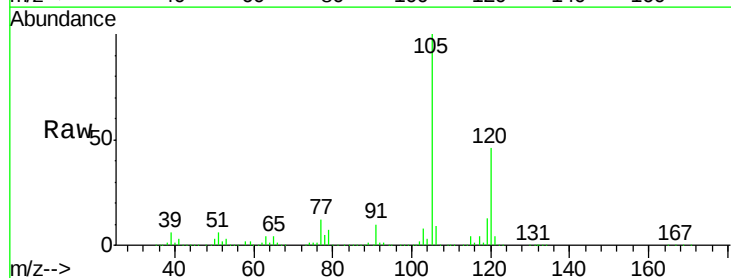


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

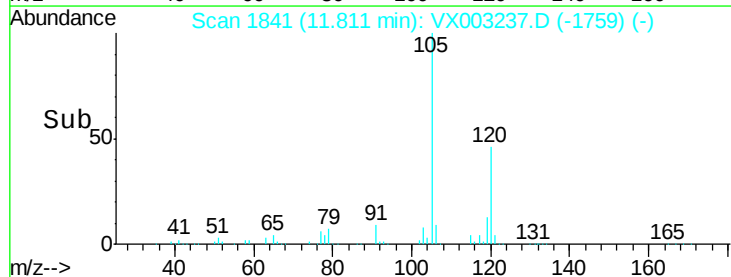
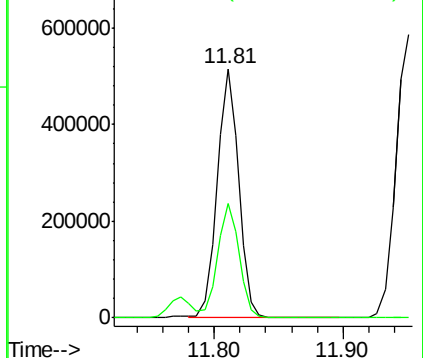


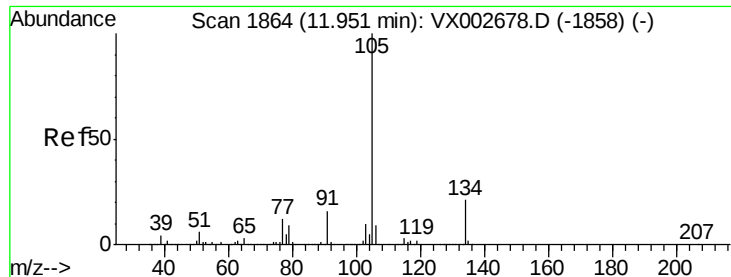
#80
1,2,4-Trimethylbenzene
Concen: 38.70 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion:105 Resp: 604929
Ion Ratio Lower Upper
105 100
120 45.8 0.0 89.2



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





#81

sec-Butylbenzene

Concen: 37.37 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

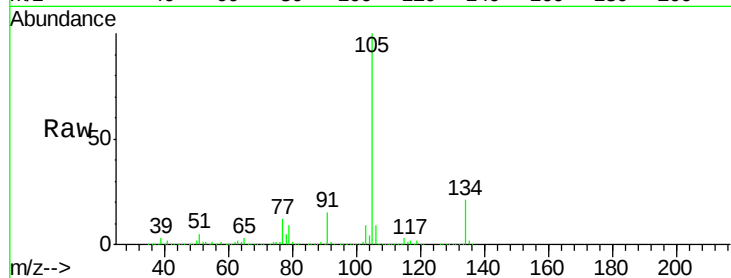
VSTDCCC050EC

Tot Ion:105 Resp: 699817

Ion Ratio Lower Upper

105 100

134 21.0 0.0 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

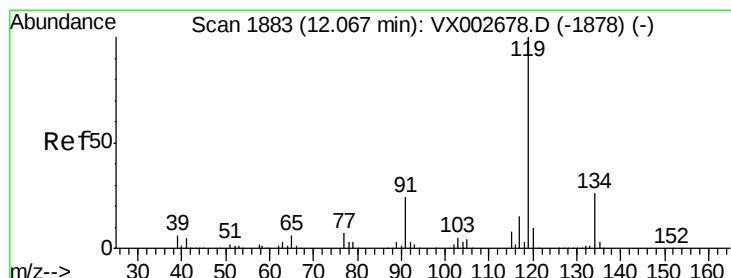
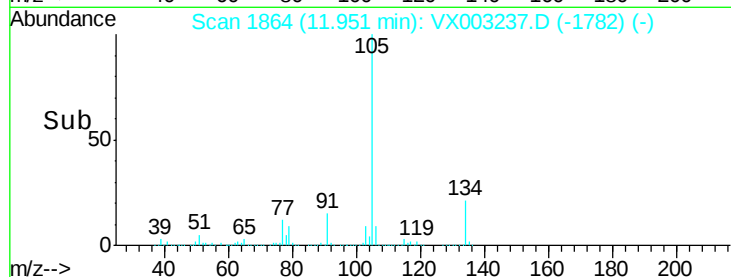
600000

400000

200000

0

Time--> 11.90 11.95 12.00



#82

p-Isopropyltoluene

Concen: 37.52 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

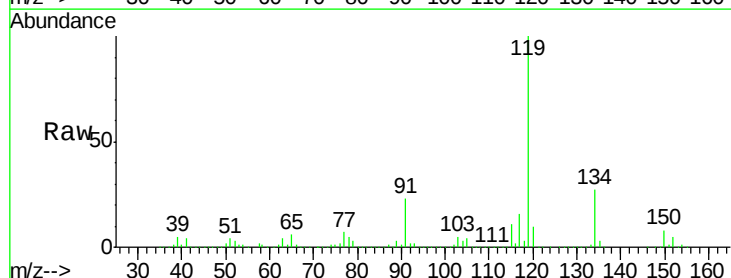
Tgt Ion:119 Resp: 633449

Ion Ratio Lower Upper

119 100

134 26.9 0.0 52.6

91 23.0 0.0 48.0



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): VX0

12.07

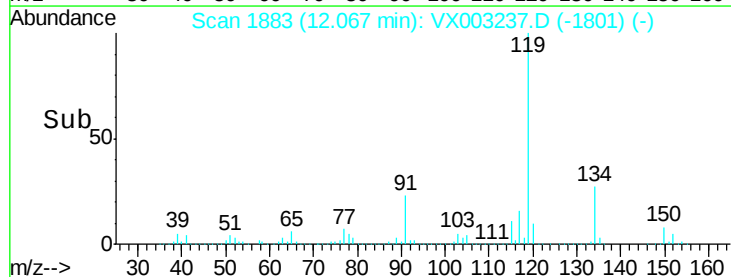
600000

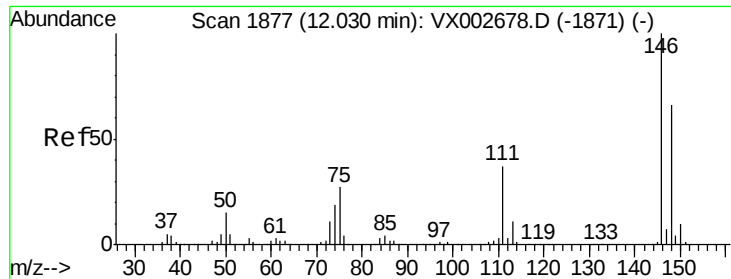
400000

200000

0

Time--> 12.00 12.05 12.10 12.15

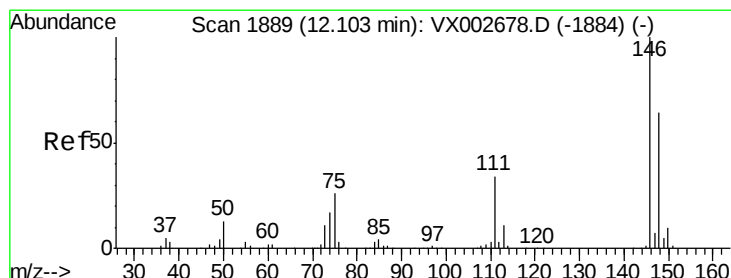
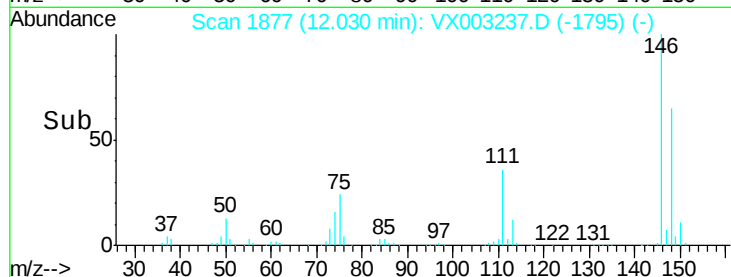
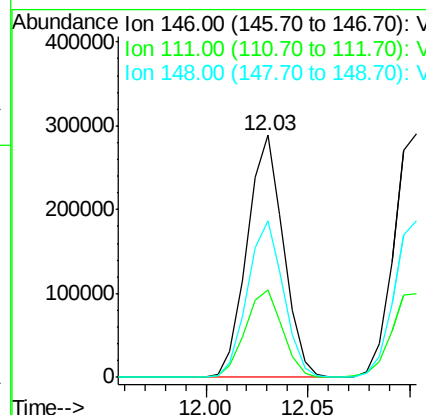
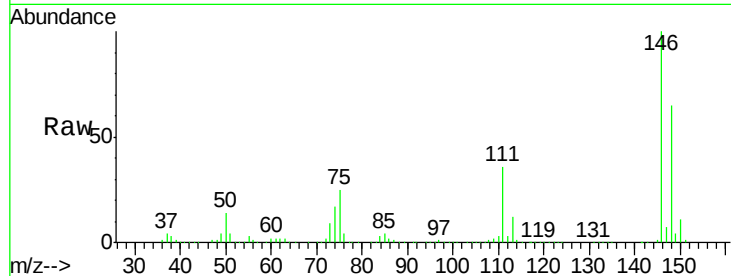




#83
 1,3-Dichlorobenzene
 Concen: 38.71 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

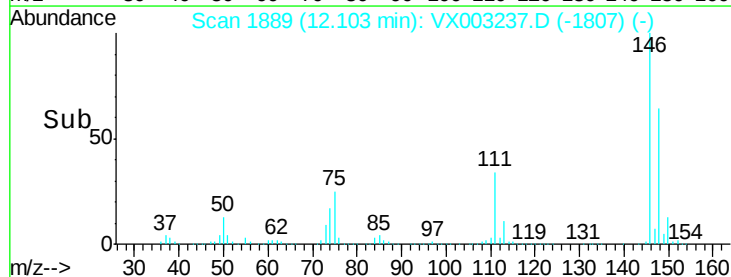
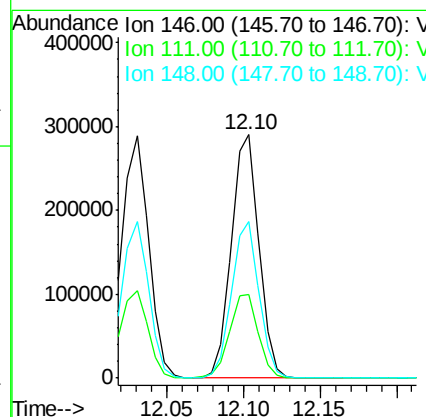
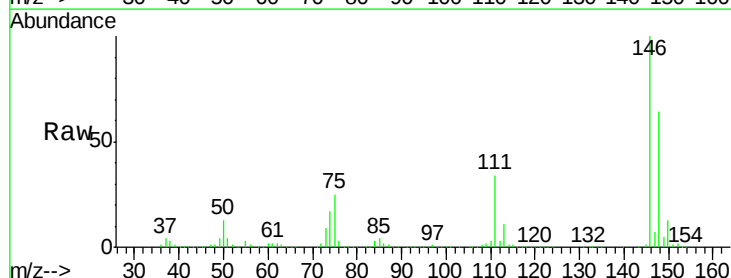
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

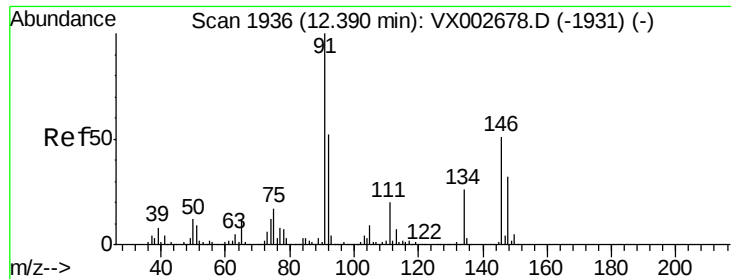
Tot Ion:146 Resp: 357173
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.1 57.5
 148 64.3 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 38.98 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion:146 Resp: 363236
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.5 55.5
 148 63.9 32.0 96.0

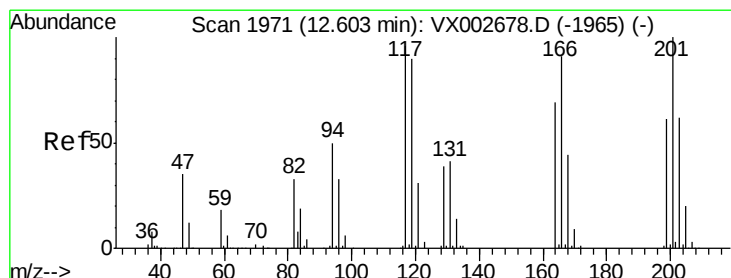
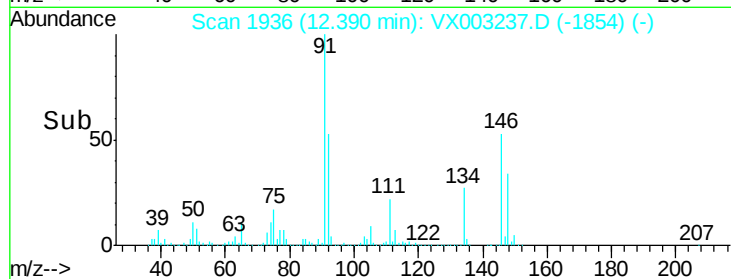
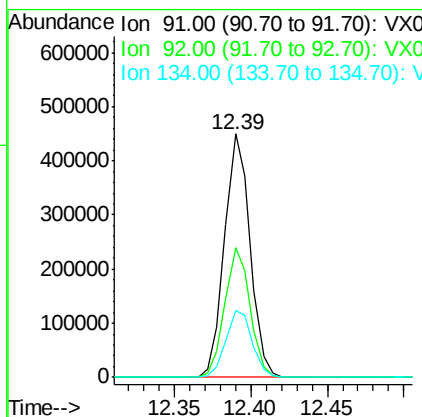
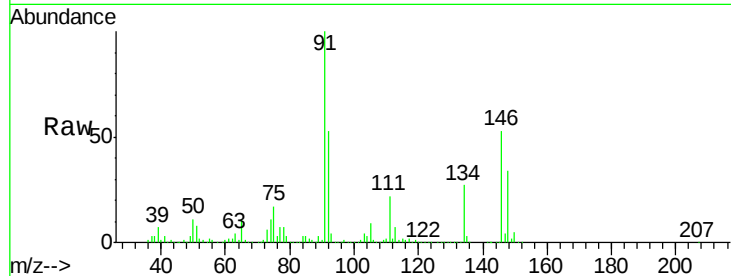




#85
n-Butylbenzene
Concen: 34.70 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

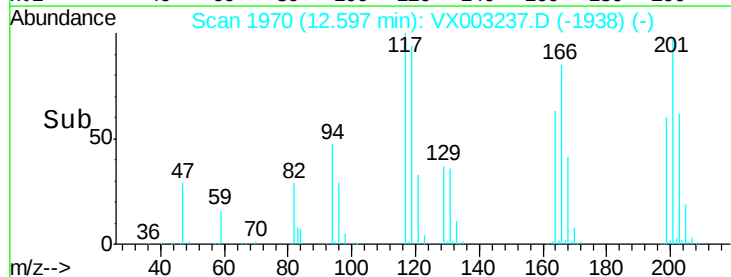
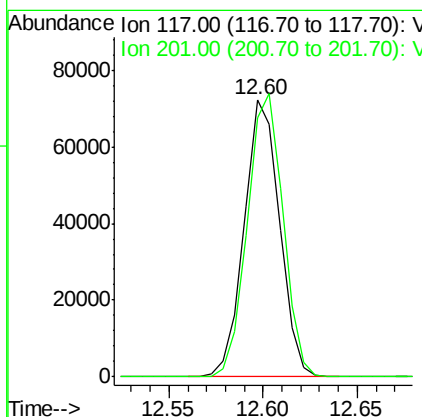
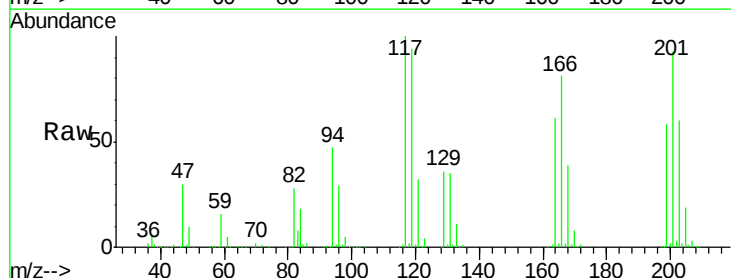
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

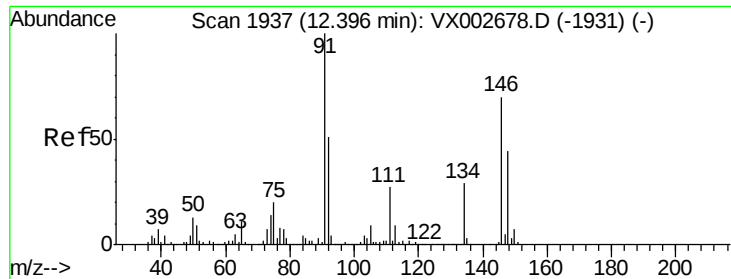
Tot Ion: 91 Resp: 519252
Ion Ratio Lower Upper
91 100
92 52.7 0.0 105.2
134 28.1 0.0 53.2



#86
Hexachloroethane
Concen: 36.79 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion: 117 Resp: 94144
Ion Ratio Lower Upper
117 100
201 102.8 47.6 142.8

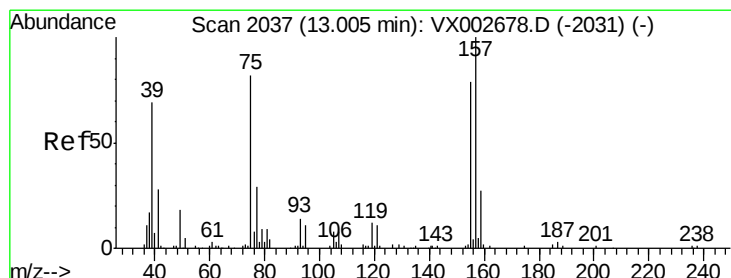
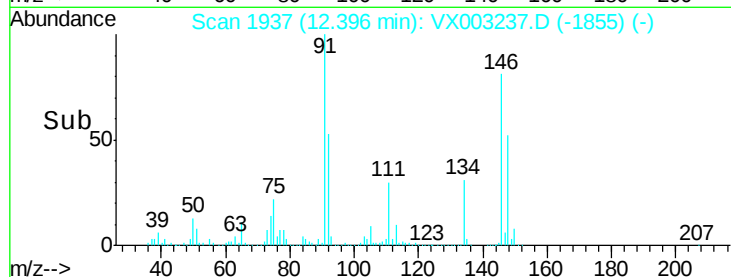
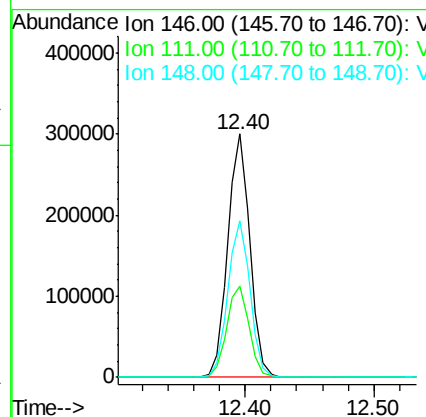
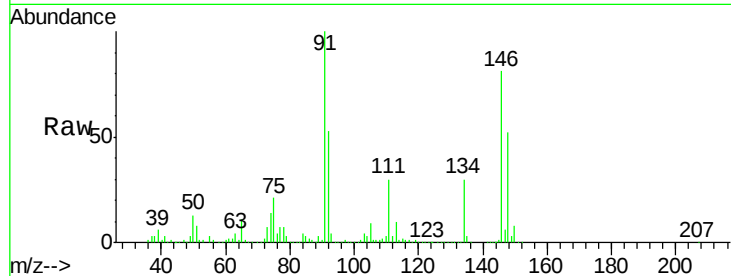




#87
 1,2-Dichlorobenzene
 Concen: 39.17 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

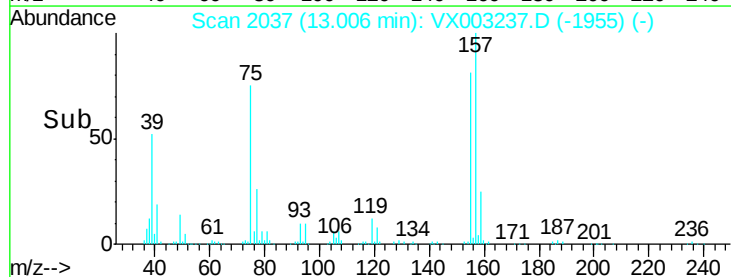
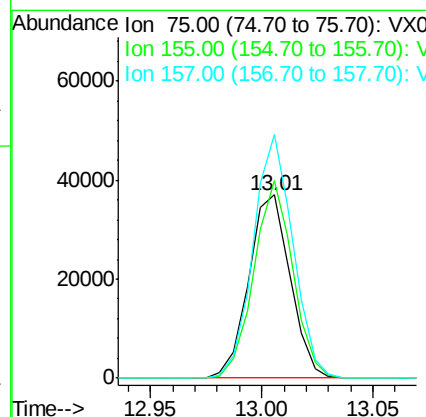
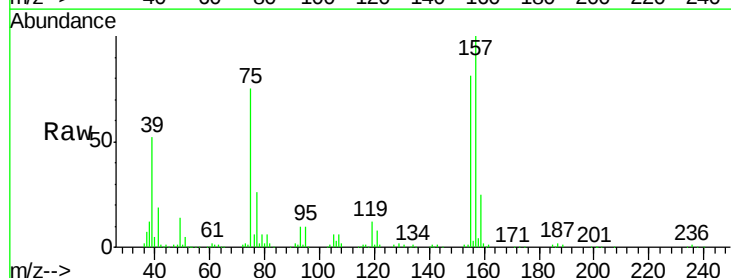
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

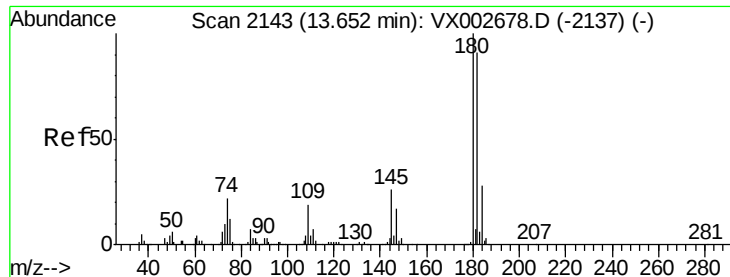
Tot Ion:146 Resp: 364979
 Ion Ratio Lower Upper
 146 100
 111 38.0 20.0 59.9
 148 64.5 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 39.90 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion: 75 Resp: 48043
 Ion Ratio Lower Upper
 75 100
 155 100.9 73.1 109.7
 157 126.9 93.1 139.7

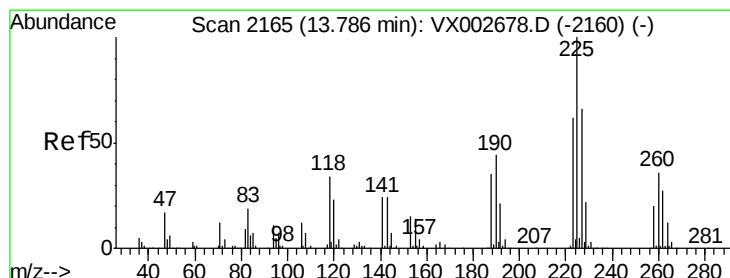
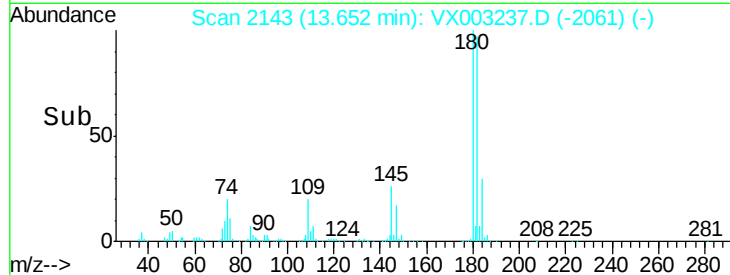
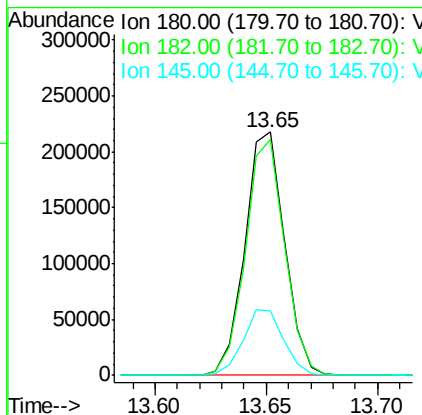
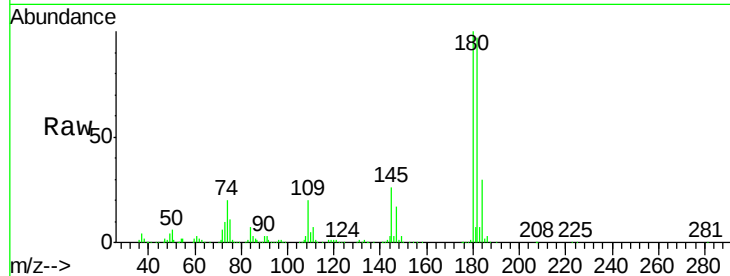




#89
 1,2,4-Trichlorobenzene
 Concen: 38.54 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

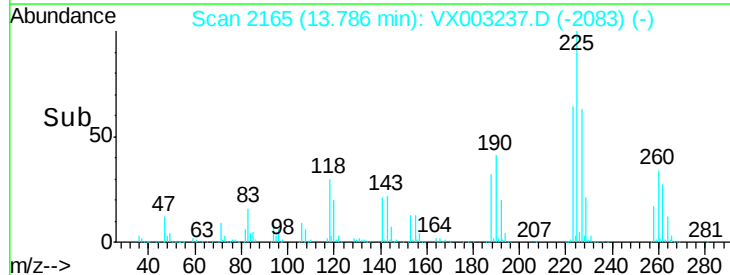
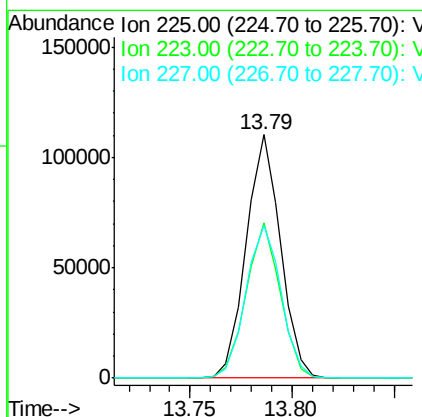
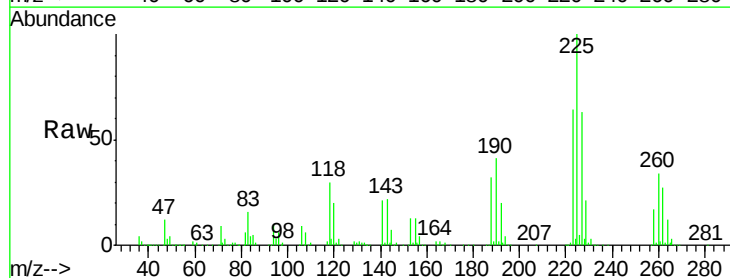
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

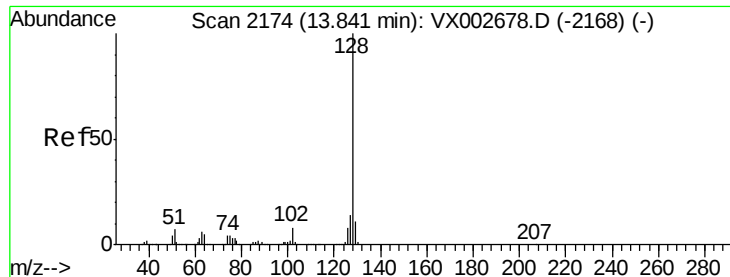
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	27.4	22.9	34.3



#90
 Hexachlorobutadiene
 Concen: 35.19 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	0.0	122.4
227	64.6	0.0	128.0





#91

Naphthalene

Concen: 41.25 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

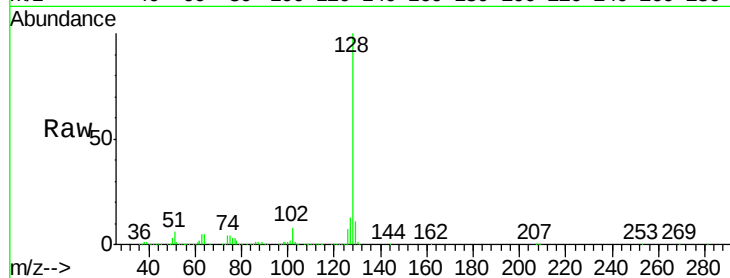
Tot Ion:128 Resp: 768924

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

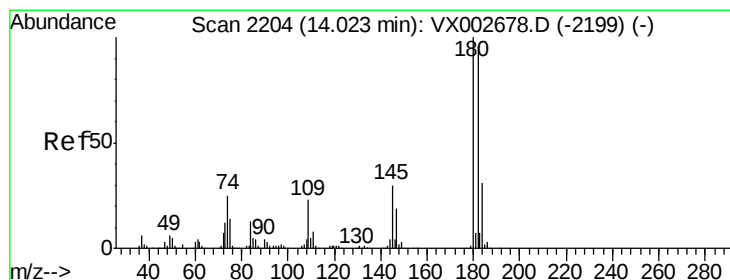
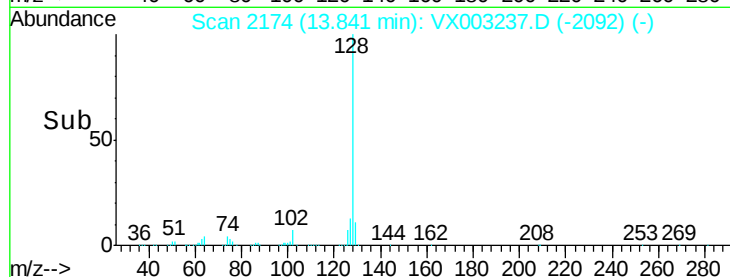
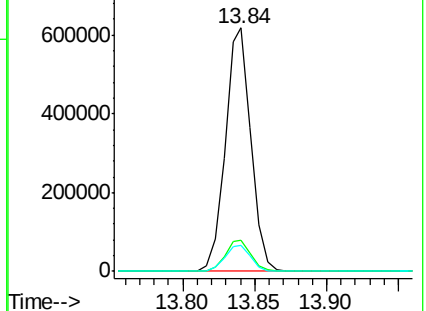
129 11.0 8.9 13.3



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



#92

1,2,3-Trichlorobenzene

Concen: 40.59 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

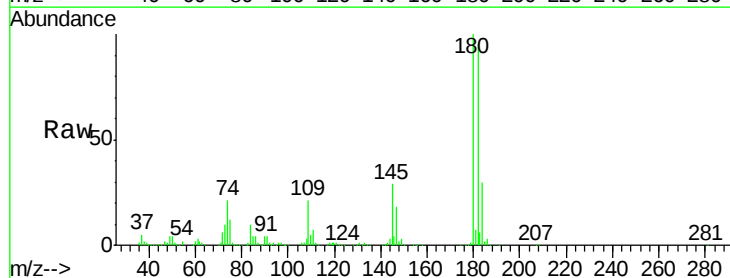
Tgt Ion:180 Resp: 283993

Ion Ratio Lower Upper

180 100

182 95.5 0.0 191.0

145 29.2 0.0 60.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

