

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008443.D
 Acq On : 26 Mar 2019 04:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 26 06:11:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	189371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143310	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	146572	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
35) Dibromofluoromethane	5.49	113	109138	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
50) Toluene-d8	8.71	98	436363	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	162382	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	101094	45.289	ug/l	99
3) Chloromethane	1.32	50	131128	46.505	ug/l	99
4) Vinyl Chloride	1.40	62	143249	45.962	ug/l	99
5) Bromomethane	1.64	94	40474	25.656	ug/l	98
6) Chloroethane	1.71	64	97976	53.065	ug/l	99
7) Trichlorofluoromethane	1.92	101	164177	46.511	ug/l	98
8) Diethyl Ether	2.18	74	78163	46.790	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	99172	46.489	ug/l	100
10) Methyl Iodide	2.51	142	38044	20.944	ug/l	99
11) Tert butyl alcohol	3.05	59	163820	257.549	ug/l	100
12) 1,1-Dichloroethene	2.37	96	103699	47.069	ug/l	97
13) Acrolein	2.29	56	118912	257.435	ug/l	99
14) Allyl chloride	2.73	41	226490	46.663	ug/l	99
15) Acrylonitrile	3.14	53	401786	240.894	ug/l	100
16) Acetone	2.44	43	344335	229.481	ug/l	99
17) Carbon Disulfide	2.57	76	308900	42.267	ug/l	99
18) Methyl Acetate	2.77	43	173741	48.211	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	388416	48.924	ug/l	99
20) Methylene Chloride	2.85	84	124180	50.717	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	109631	49.939	ug/l	96
22) Diisopropyl ether	3.85	45	459850	48.116	ug/l	99
23) Vinyl Acetate	3.81	43	2061374	247.225	ug/l	100
24) 1,1-Dichloroethane	3.70	63	232156	48.116	ug/l	99
25) 2-Butanone	4.67	43	586484	243.803	ug/l	99
26) 2,2-Dichloropropane	4.58	77	119927	37.370	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	128475	47.689	ug/l	98
28) Bromochloromethane	5.01	49	112092	47.023	ug/l	100
29) Tetrahydrofuran	5.13	42	385669	243.257	ug/l	100
30) Chloroform	5.21	83	210230	48.280	ug/l	99
31) Cyclohexane	5.58	56	215791	46.893	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	170140	48.883	ug/l	99
36) 1,1-Dichloropropene	5.80	75	161557	45.597	ug/l	99
37) Ethyl Acetate	4.83	43	223465	48.685	ug/l	100
38) Carbon Tetrachloride	5.78	117	139775	47.271	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192513	45.465	ug/l	99
40) Benzene	6.14	78	498674	47.013	ug/l	100
41) Methacrylonitrile	5.04	41	126165	48.911	ug/l	99
42) 1,2-Dichloroethane	6.19	62	178896	46.064	ug/l	100
43) Isopropyl Acetate	6.45	43	356947	48.618	ug/l	100
44) Trichloroethene	7.21	130	114431	45.946	ug/l	98
45) 1,2-Dichloropropane	7.51	63	142665	47.319	ug/l	98
46) Dibromomethane	7.66	93	83247	47.283	ug/l	99
47) Bromodichloromethane	7.90	83	163533	48.527	ug/l	100
48) Methyl methacrylate	7.77	41	179994	48.997	ug/l	100
49) 1,4-Dioxane	7.74	88	71441	978.073	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1184333	248.363	ug/l	100
52) Toluene	8.78	92	299754	47.262	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	176024	47.689	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	198141	47.207	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	122401	47.410	ug/l	99
56) Ethyl methacrylate	9.18	69	229667	49.281	ug/l	100
57) 1,3-Dichloropropane	9.37	76	217175	46.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	567509	235.579	ug/l	100
59) 2-Hexanone	9.49	43	932291	252.315	ug/l	100
60) Dibromochloromethane	9.58	129	120106	48.917	ug/l	99
61) 1,2-Dibromoethane	9.67	107	125416	47.601	ug/l	99
64) Tetrachloroethene	9.34	164	94543	46.812	ug/l	99
65) Chlorobenzene	10.13	112	308072	47.486	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	108840	48.627	ug/l	100
67) Ethyl Benzene	10.25	91	579651	47.342	ug/l	100
68) m/p-Xylenes	10.36	106	421596	94.650	ug/l	100
69) o-Xylene	10.69	106	205792	47.609	ug/l	99
70) Styrene	10.71	104	366056	49.026	ug/l	99
71) Bromoform	10.85	173	87302	49.389	ug/l	99
73) Isopropylbenzene	11.02	105	545532	46.791	ug/l	100
74) N-amyl acetate	10.90	43	337636	50.032	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	213918	47.289	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	234754	55.100	ug/l	82
77) Bromobenzene	11.26	156	130668	46.178	ug/l	100
78) n-propylbenzene	11.36	91	646944	47.368	ug/l	100
79) 2-Chlorotoluene	11.42	91	384694	46.309	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	464382	47.113	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	61569	46.285	ug/l	99
82) 4-Chlorotoluene	11.51	91	444648	46.403	ug/l	100
83) tert-Butylbenzene	11.77	119	443628	46.650	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	465903	46.732	ug/l	99
85) sec-Butylbenzene	11.94	105	530031	46.802	ug/l	100
86) p-Isopropyltoluene	12.06	119	476216	47.655	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	233192	46.124	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	232858	45.637	ug/l	100
89) n-Butylbenzene	12.38	91	442564	46.752	ug/l	100
90) Hexachloroethane	12.60	117	79117	47.524	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	237179	46.846	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47417	48.073	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Mar 26 04:58:03 2019
Response via : Initial Calibration

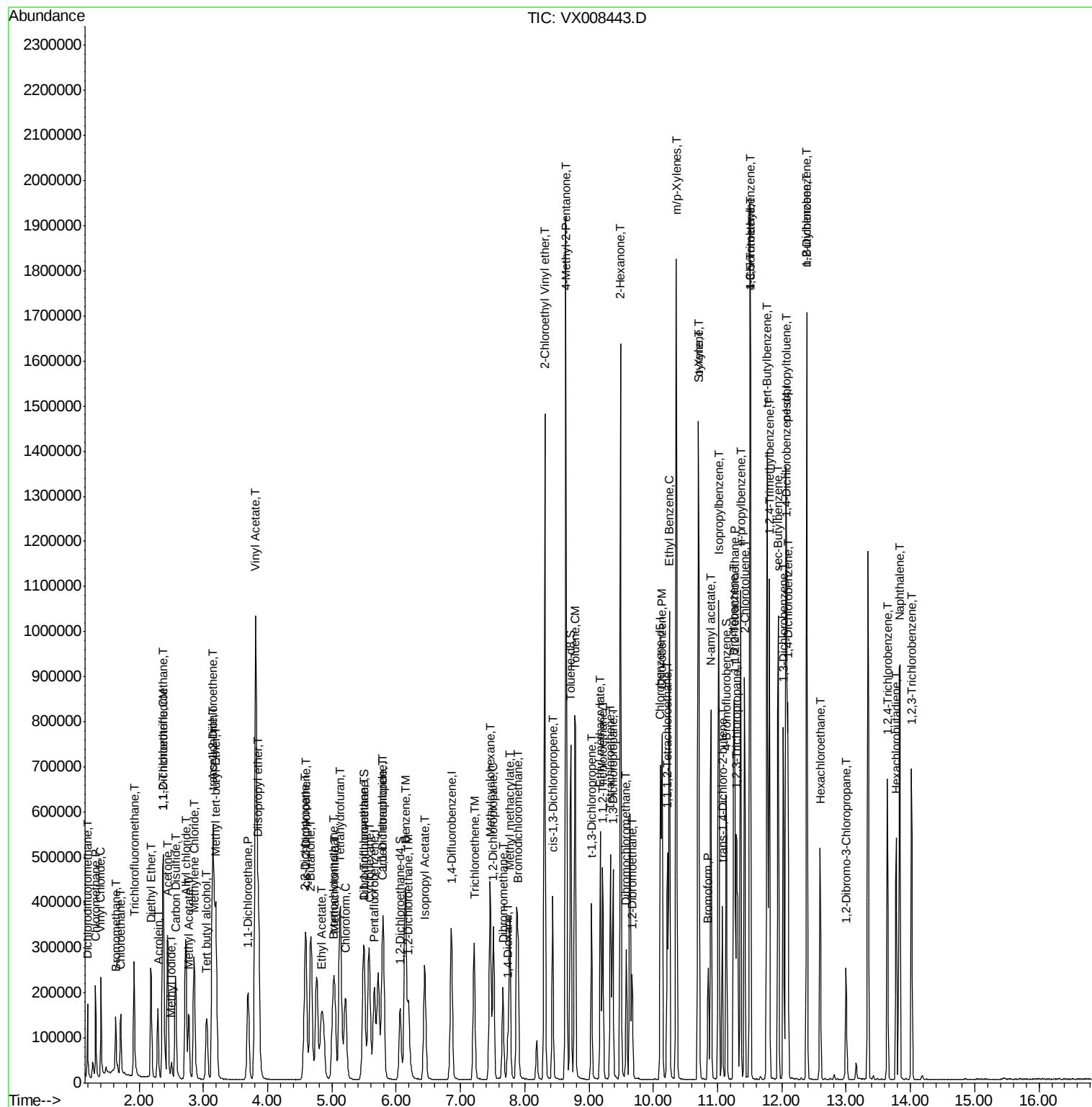
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	158471	46.491	ug/l	100
94) Hexachlorobutadiene	13.78	225	74213	45.852	ug/l	99
95) Naphthalene	13.83	128	562230	48.110	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	159379	46.531	ug/l	99

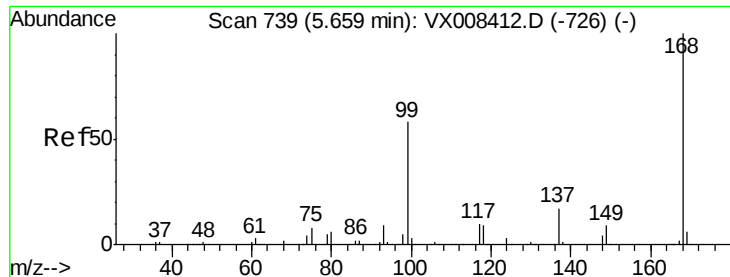
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

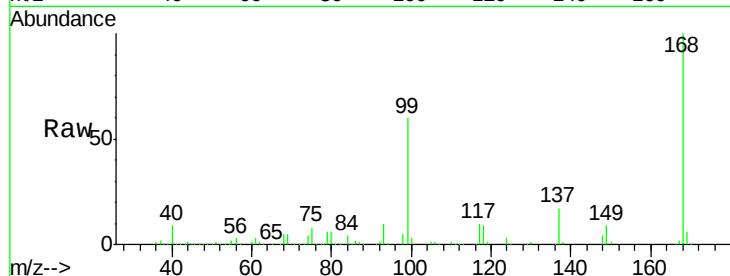
VSTDCCC050EC

Tot Ion:168 Resp: 189371

Ion Ratio Lower Upper

168 100

99 59.4 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

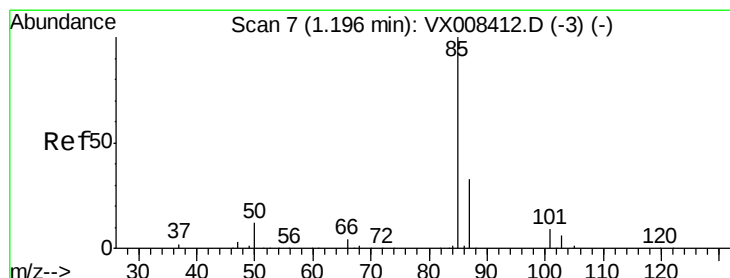
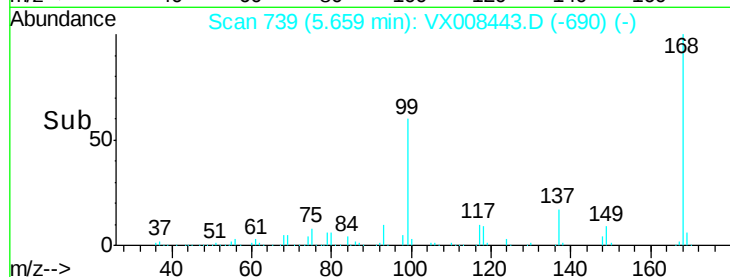
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.289 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008443.D

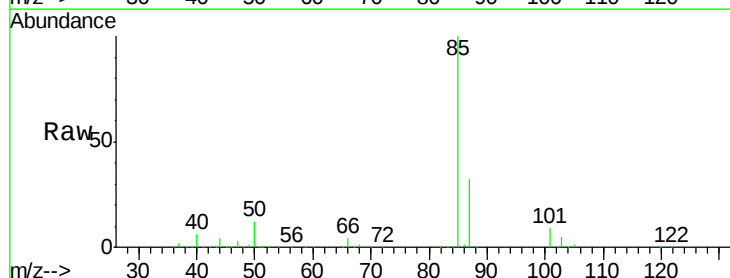
Acq: 26 Mar 2019 04:21

Tgt Ion: 85 Resp: 101094

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

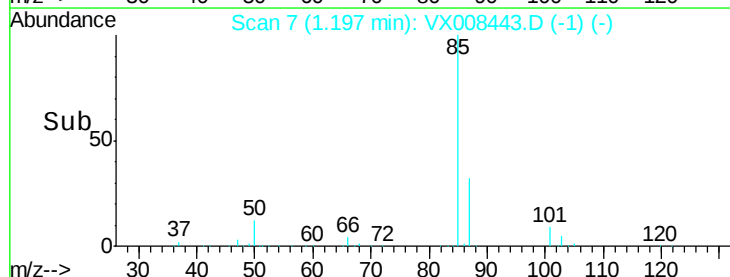
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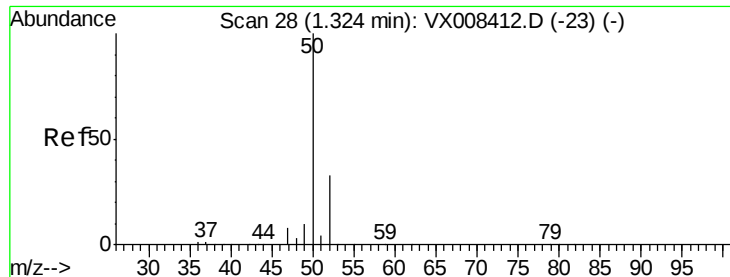
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.505 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

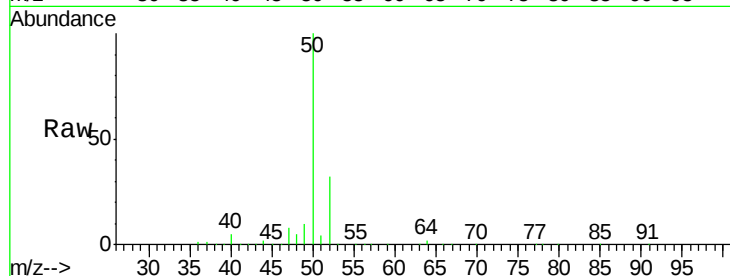
VSTDCCC050EC

Tot Ion: 50 Resp: 131128

Ion Ratio Lower Upper

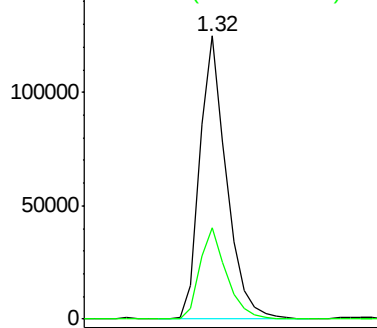
50 100

52 32.4 26.2 39.2

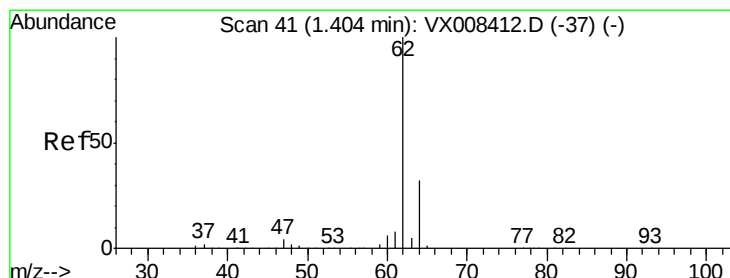
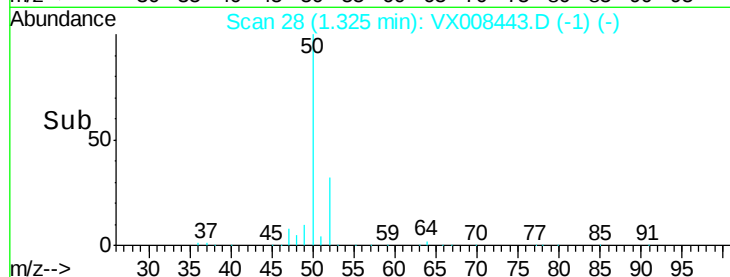


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 45.962 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008443.D

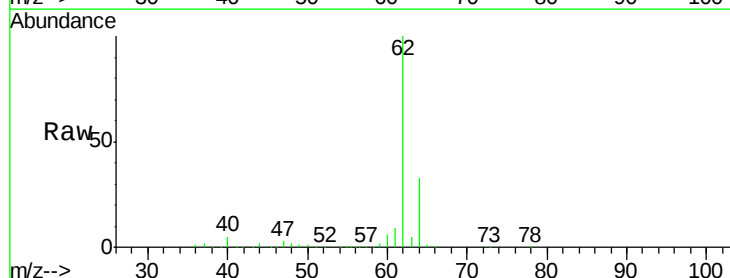
Acq: 26 Mar 2019 04:21

Tgt Ion: 62 Resp: 143249

Ion Ratio Lower Upper

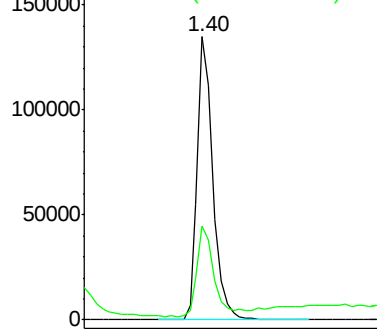
62 100

64 31.6 25.5 38.3

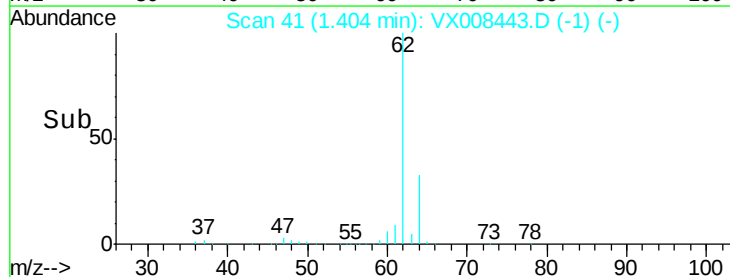


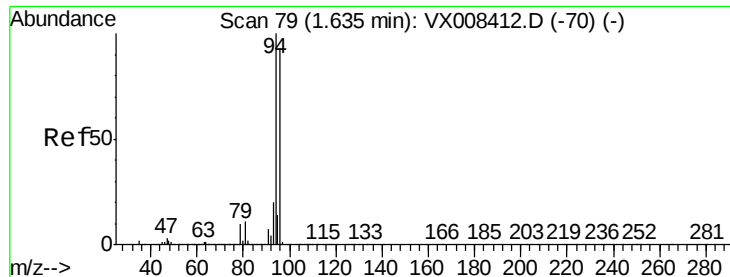
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 25.656 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

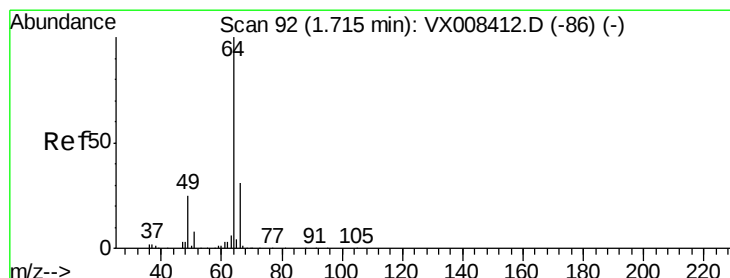
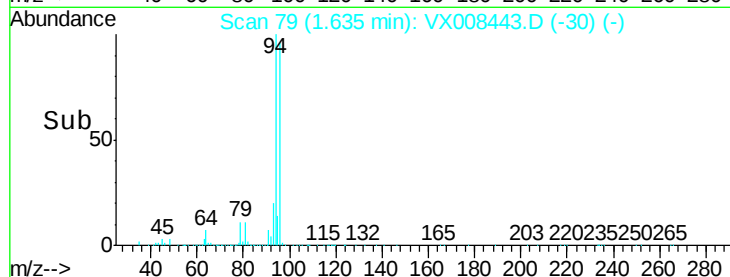
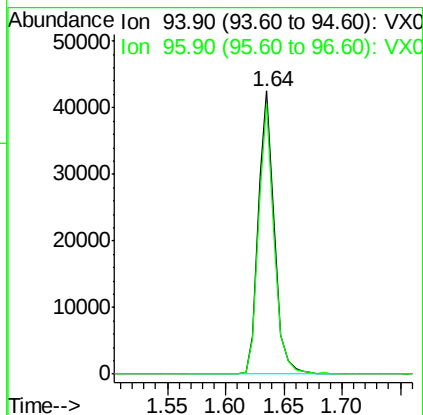
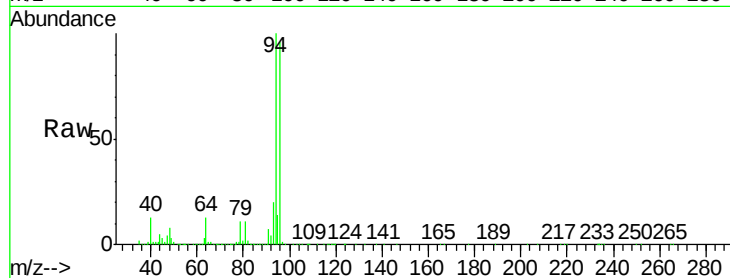
VSTDCCC050EC

Tot Ion: 94 Resp: 40474

Ion Ratio Lower Upper

94 100

96 95.5 74.8 112.2



#6

Chloroethane

Concen: 53.065 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008443.D

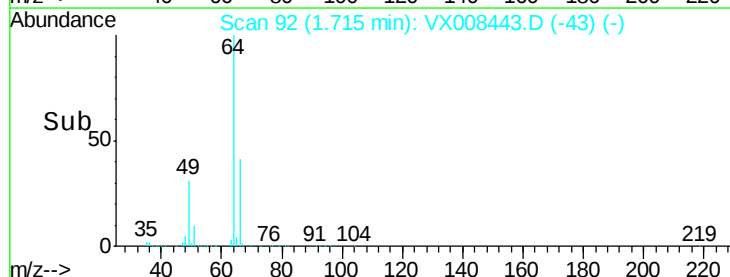
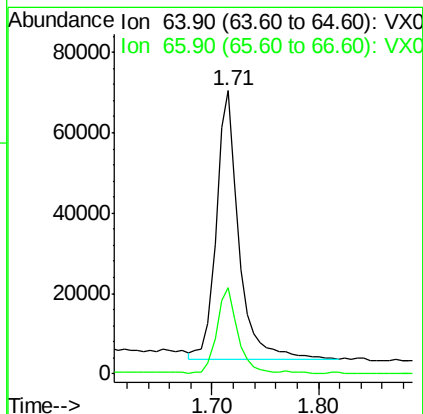
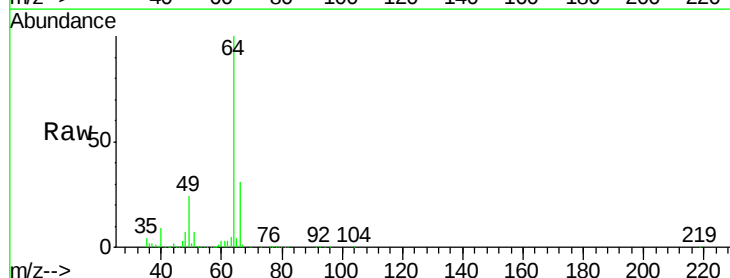
Acq: 26 Mar 2019 04:21

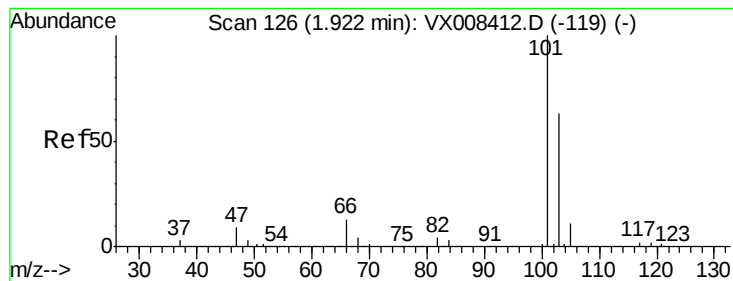
Tgt Ion: 64 Resp: 97976

Ion Ratio Lower Upper

64 100

66 31.8 25.1 37.7



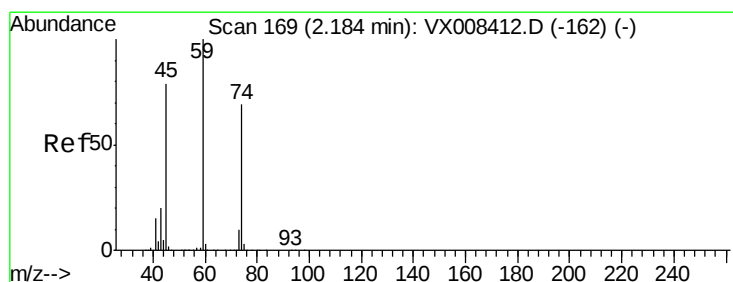
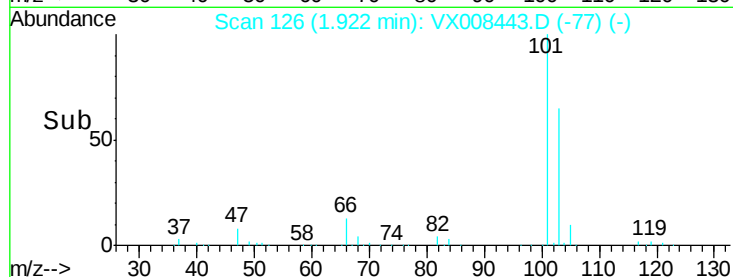
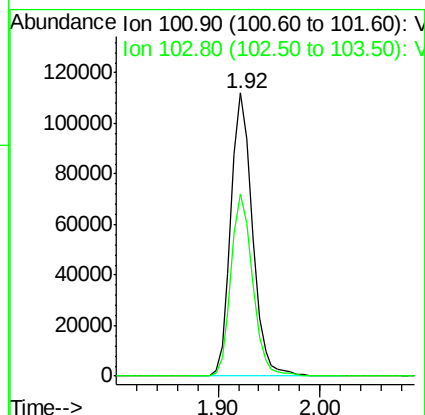
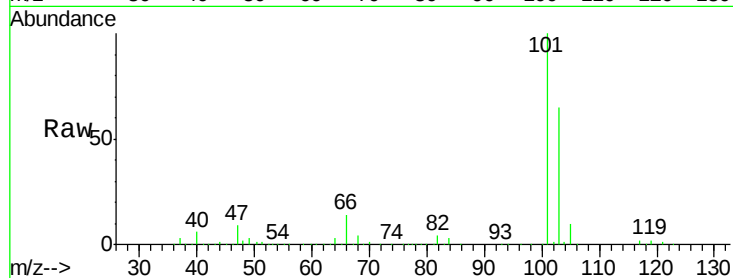


#7

Trichlorofluoromethane
Concen: 46.511 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

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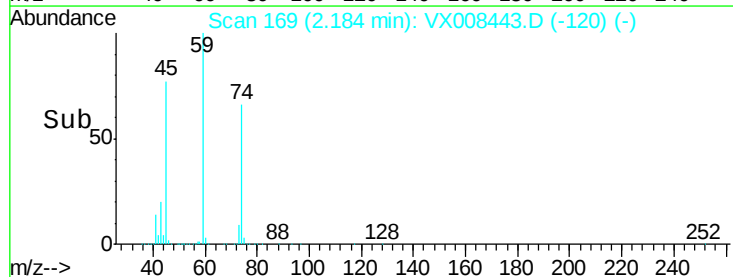
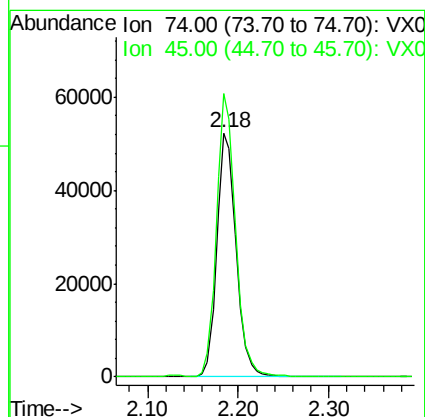
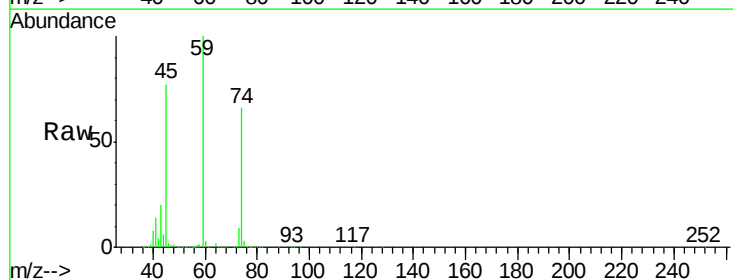
Tot Ion:101 Resp: 164177
Ion Ratio Lower Upper
101 100
103 64.5 50.2 75.4

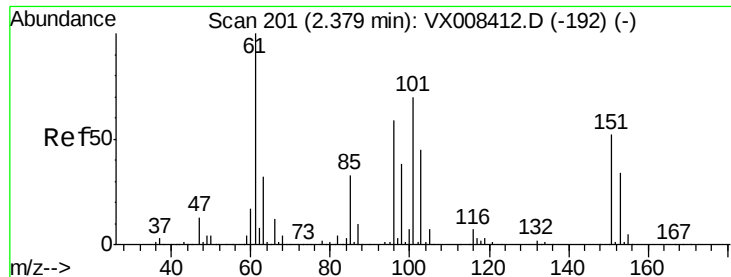


#8

Diethyl Ether
Concen: 46.790 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

Tgt Ion: 74 Resp: 78163
Ion Ratio Lower Upper
74 100
45 113.6 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.489 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

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VSTDCCC050EC

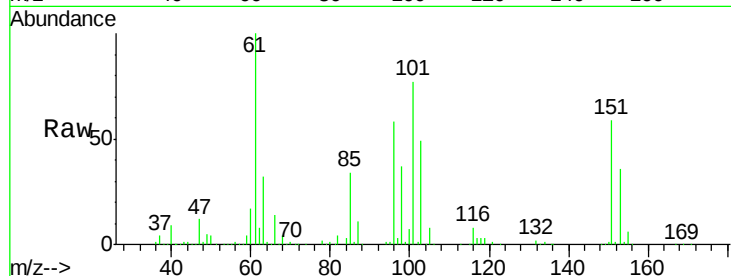
Tot Ion:101 Resp: 99172

Ion Ratio Lower Upper

101 100

85 44.5 36.0 54.0

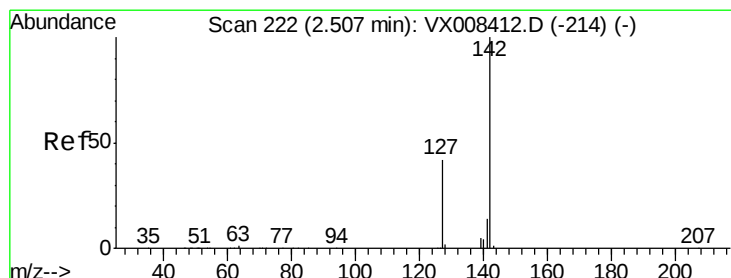
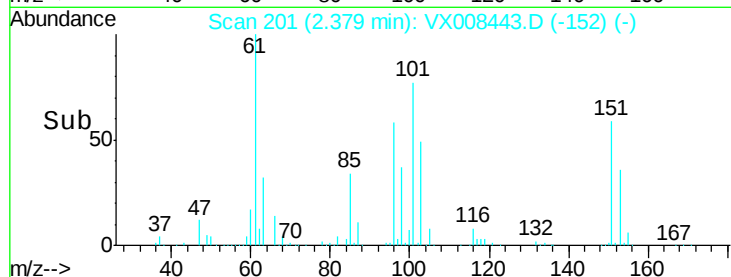
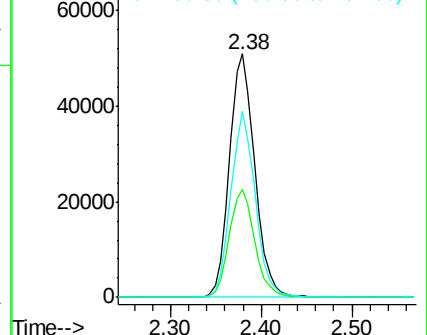
151 73.8 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.944 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

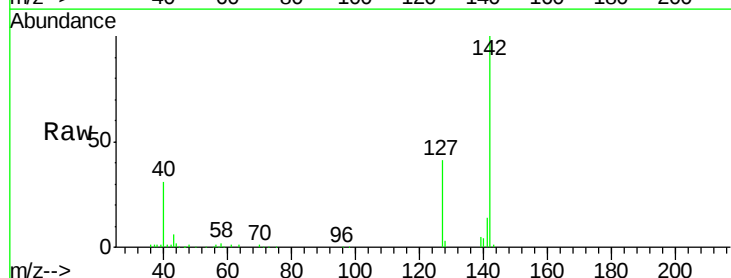
Tgt Ion:142 Resp: 38044

Ion Ratio Lower Upper

142 100

127 42.8 33.6 50.4

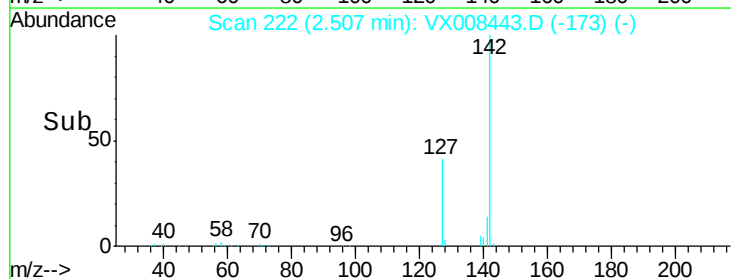
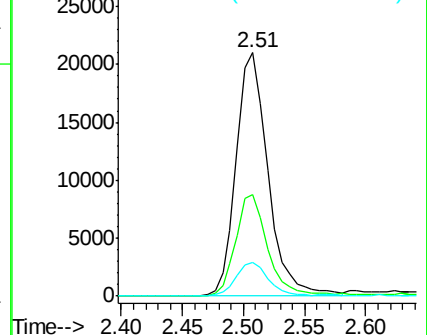
141 14.3 11.3 16.9

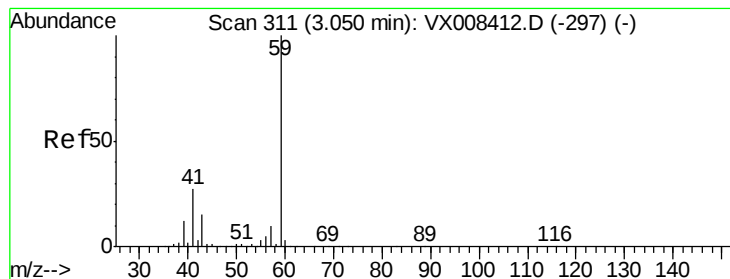


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



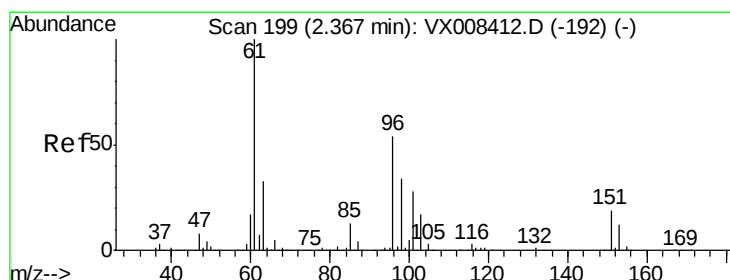
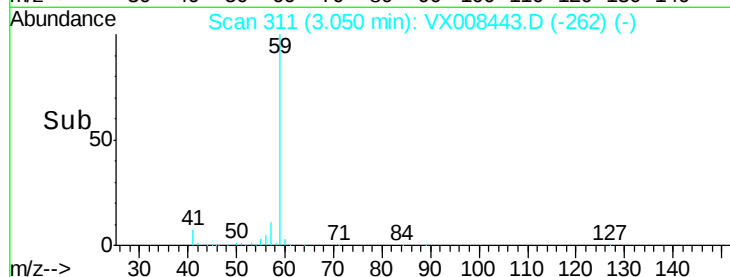
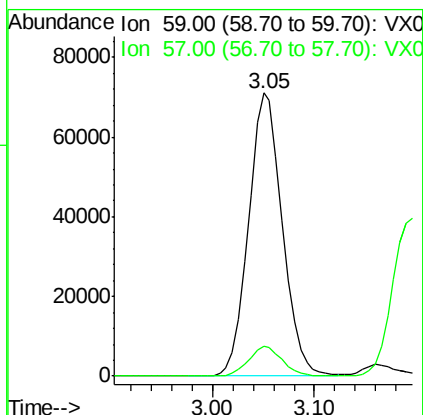
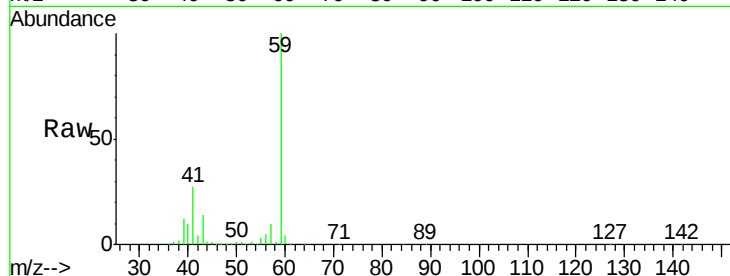


#11

Tert butyl alcohol
Concen: 257.549 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

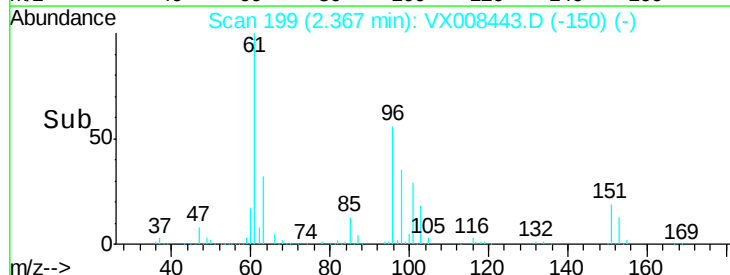
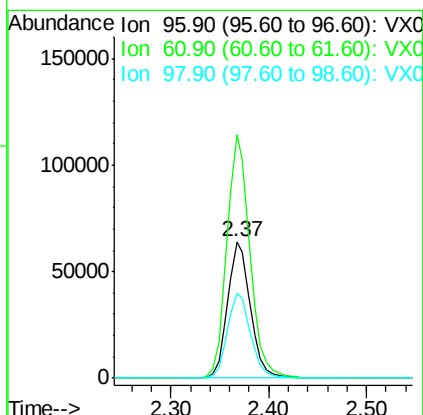
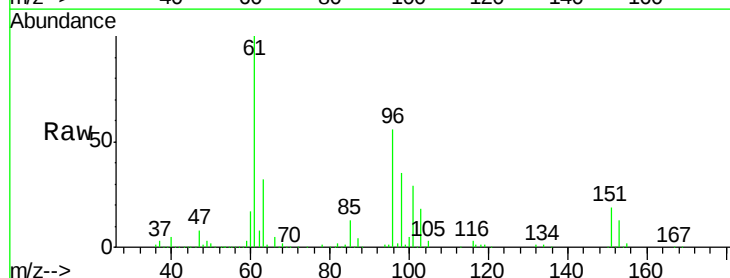
Tot Ion: 59 Resp: 163820
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

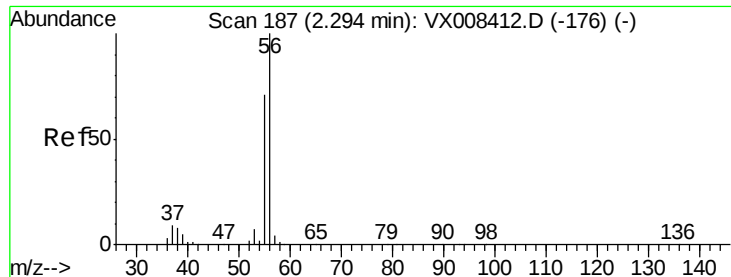


#12

1,1-Dichloroethene
Concen: 47.069 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

Tgt Ion: 96 Resp: 103699
Ion Ratio Lower Upper
96 100
61 178.1 146.9 220.3
98 62.3 50.1 75.1





#13

Acrolein

Concen: 257.435 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

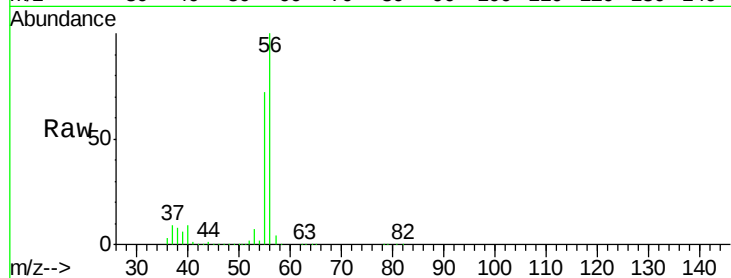
VSTDCCC050EC

Tot Ion: 56 Resp: 118912

Ion Ratio Lower Upper

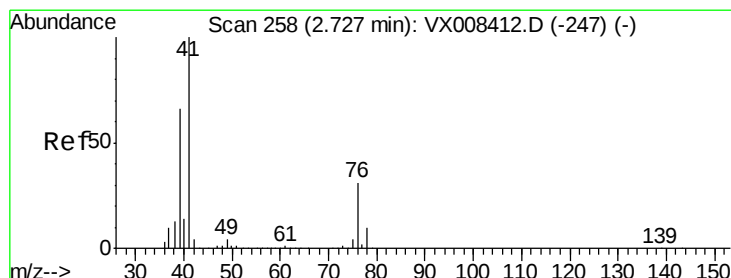
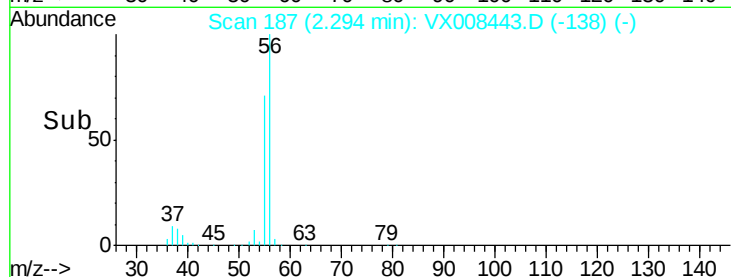
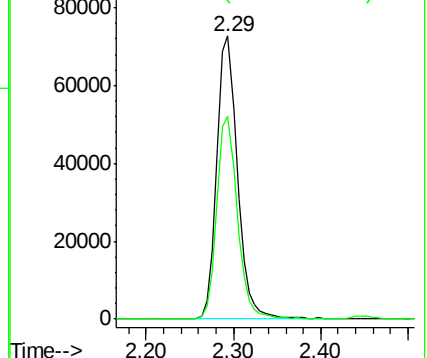
56 100

55 71.2 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.663 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

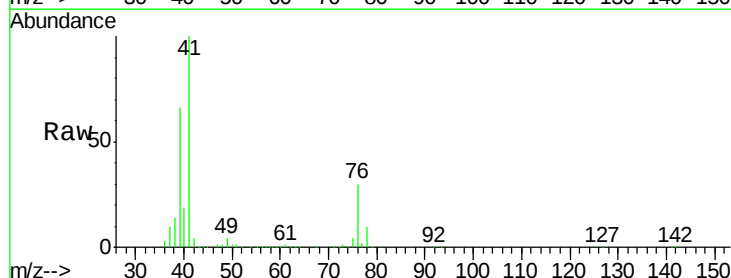
Tgt Ion: 41 Resp: 226490

Ion Ratio Lower Upper

41 100

39 61.7 49.6 74.4

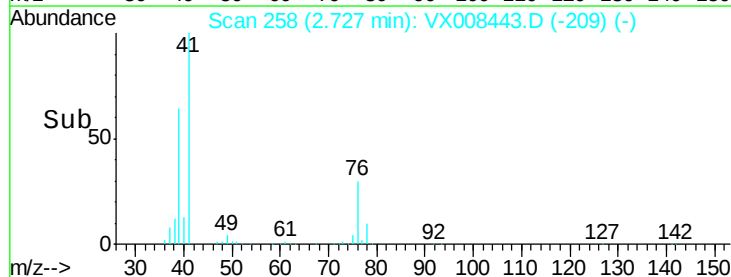
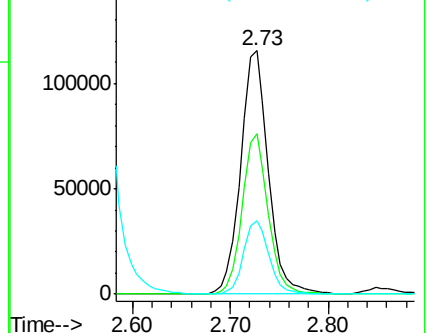
76 27.6 22.6 34.0

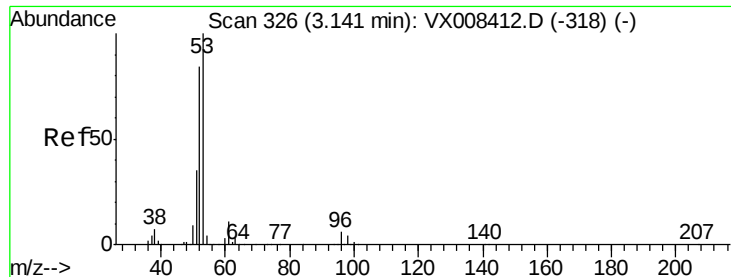


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

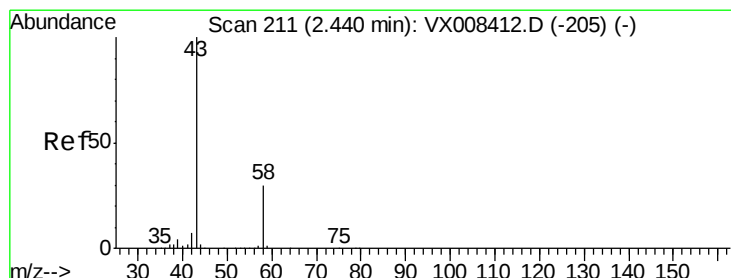
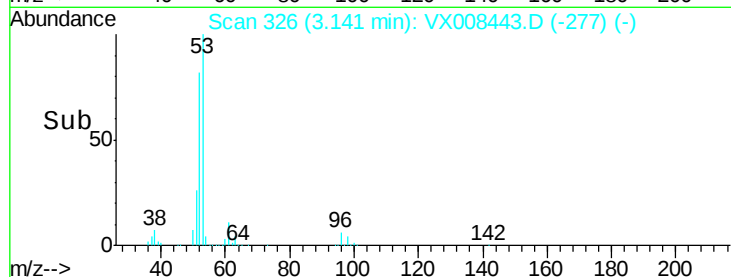
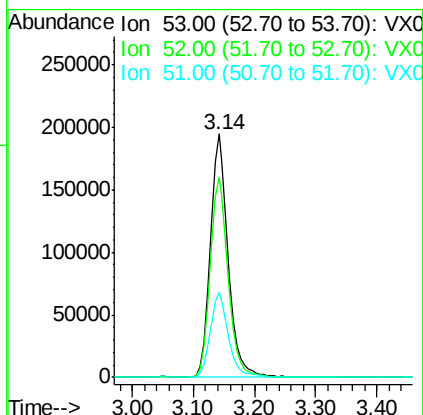
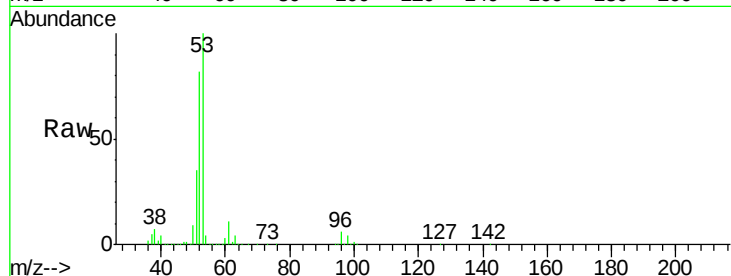




#15
 Acrylonitrile
 Concen: 240.894 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

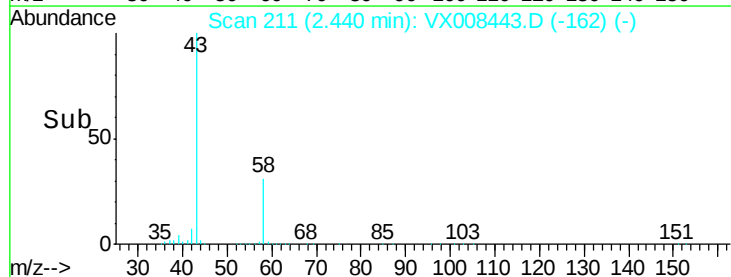
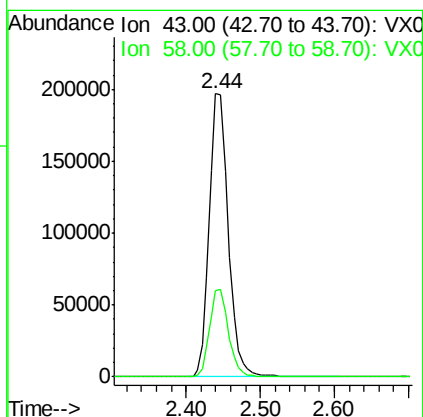
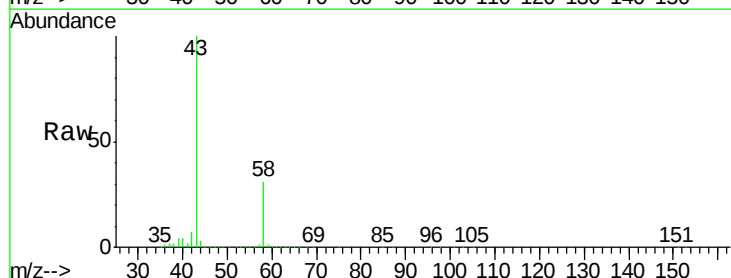
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

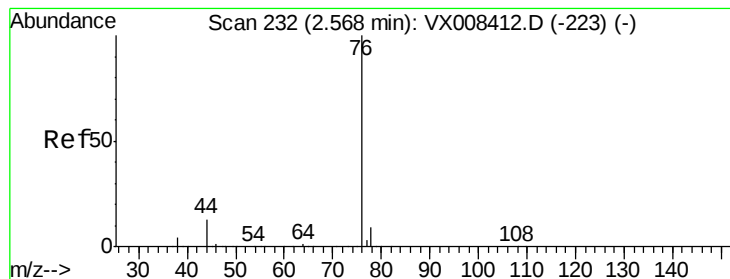
Tot Ion	53	Resp	401786
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.5	99.7
51	35.6	28.3	42.5



#16
 Acetone
 Concen: 229.481 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Tgt Ion	43	Resp	344335
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.2	36.2





#17

Carbon Disulfide

Concen: 42.267 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

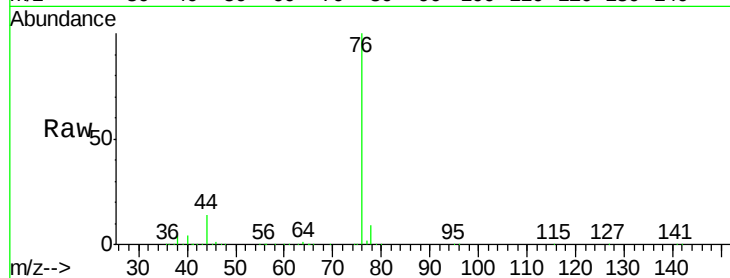
VSTDCCC050EC

Tot Ion: 76 Resp: 308900

Ion Ratio Lower Upper

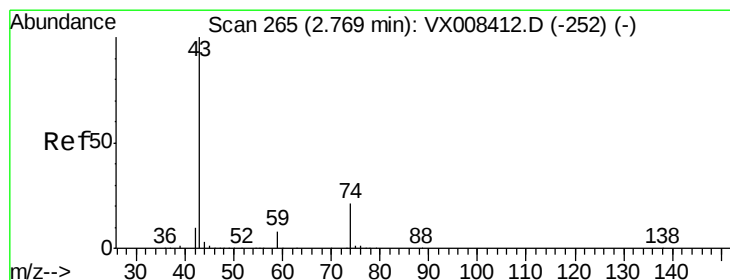
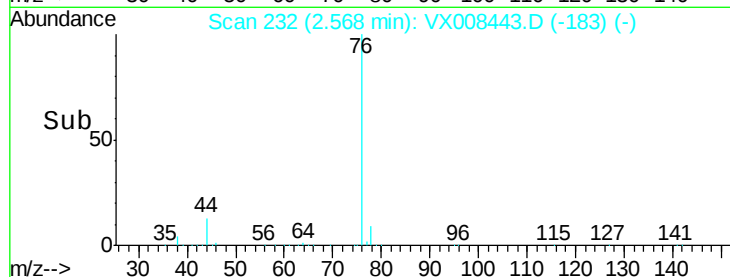
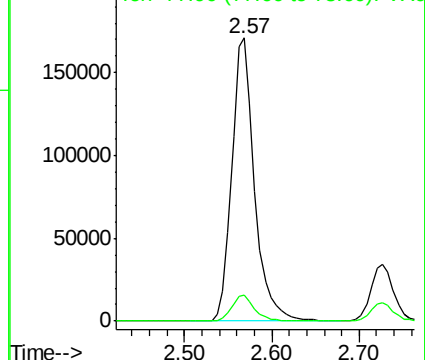
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.211 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX008443.D

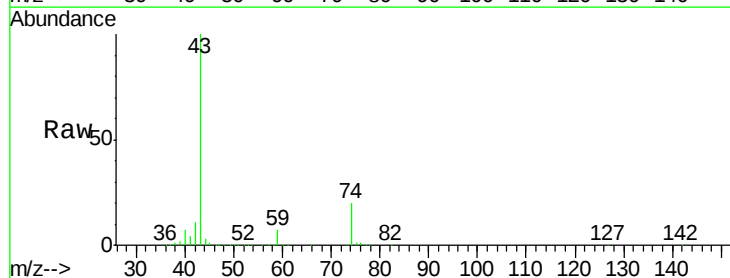
Acq: 26 Mar 2019 04:21

Tgt Ion: 43 Resp: 173741

Ion Ratio Lower Upper

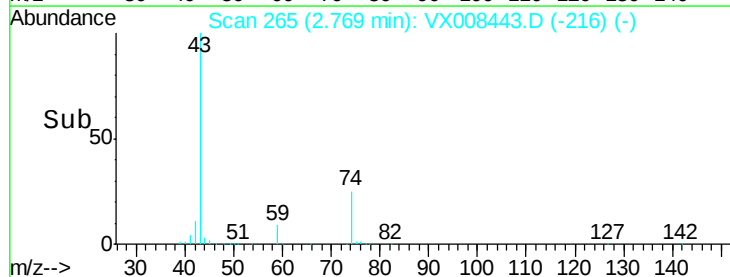
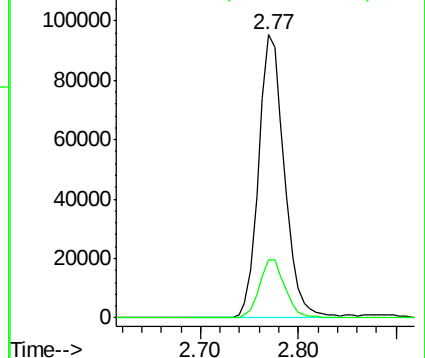
43 100

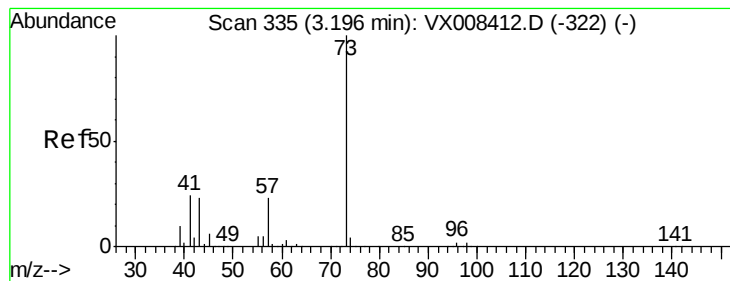
74 20.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



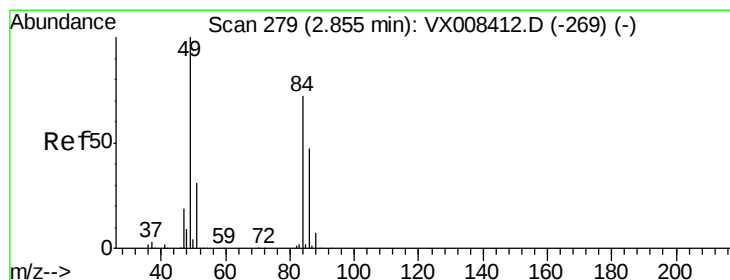
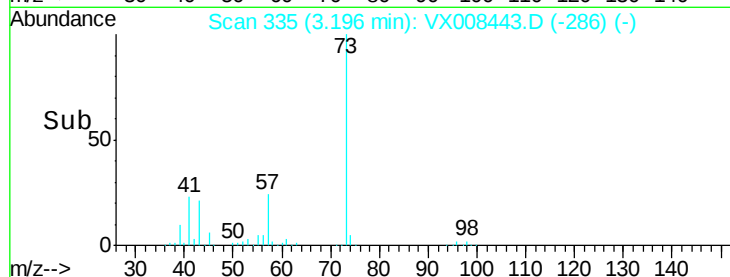
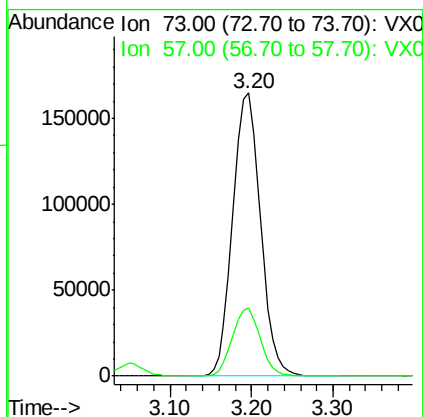
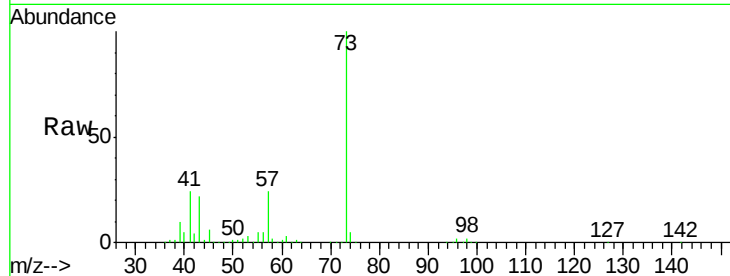


#19

Methyl tert-butyl Ether
 Concen: 48.924 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

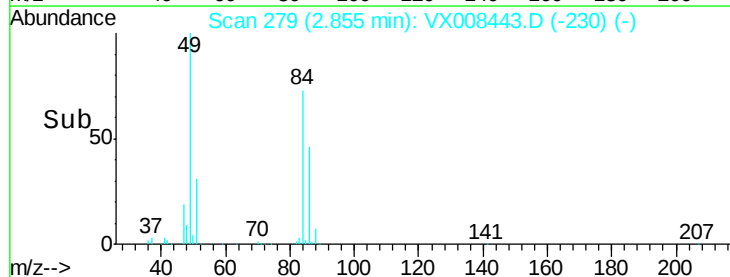
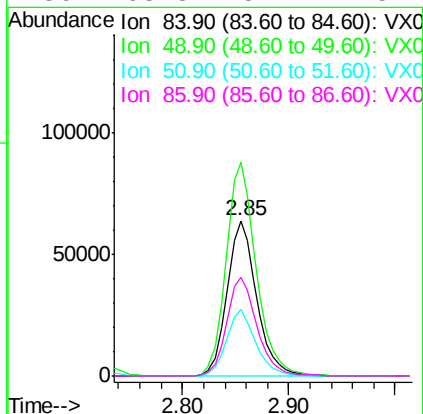
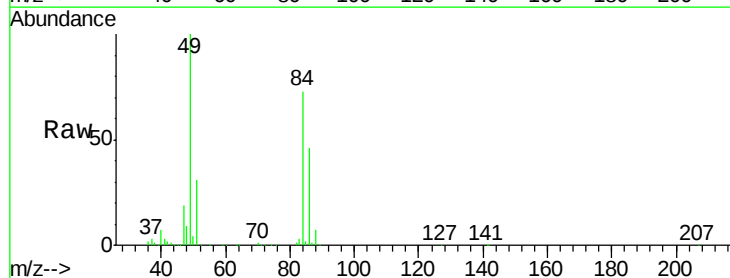
Tot Ion: 73 Resp: 388416
 Ion Ratio Lower Upper
 73 100
 57 23.9 18.6 28.0

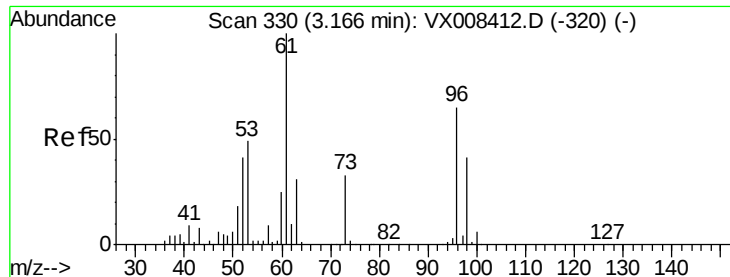


#20

Methylene Chloride
 Concen: 50.717 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Tgt Ion: 84 Resp: 124180
 Ion Ratio Lower Upper
 84 100
 49 137.6 110.6 165.8
 51 42.6 33.9 50.9
 86 63.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 49.939 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

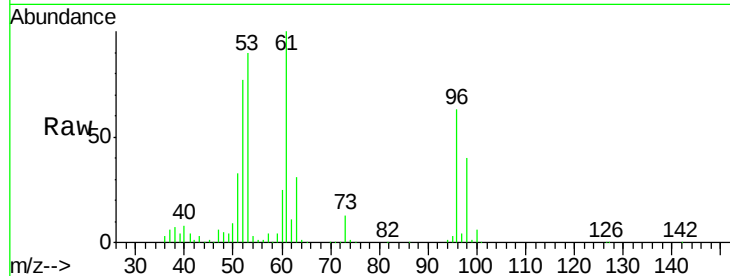
Tot Ion: 96 Resp: 109631

Ion Ratio Lower Upper

96 100

61 159.5 122.6 184.0

98 64.2 50.9 76.3

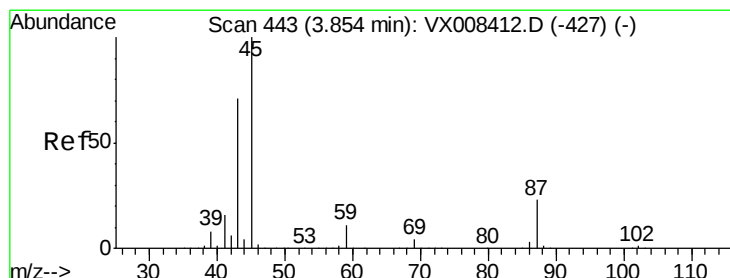
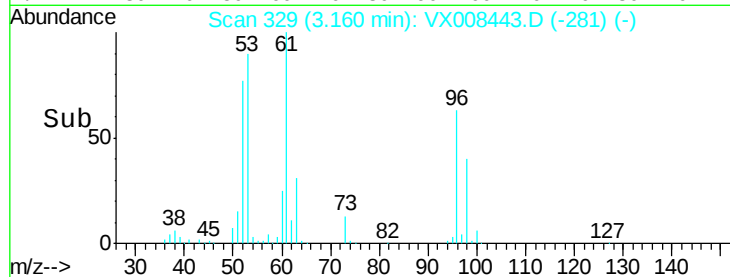
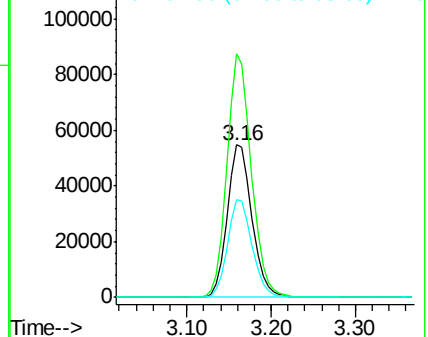


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.116 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Tgt Ion: 45 Resp: 459850

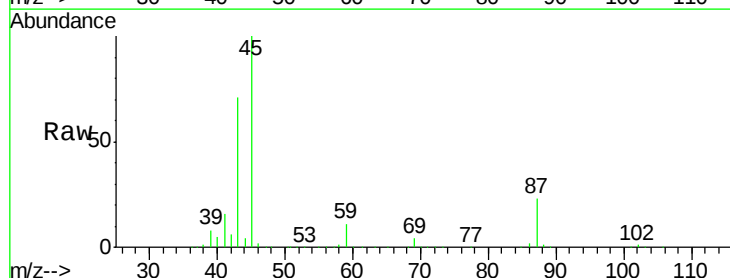
Ion Ratio Lower Upper

45 100

43 70.9 57.1 85.7

87 22.6 18.8 28.2

59 11.0 8.7 13.1



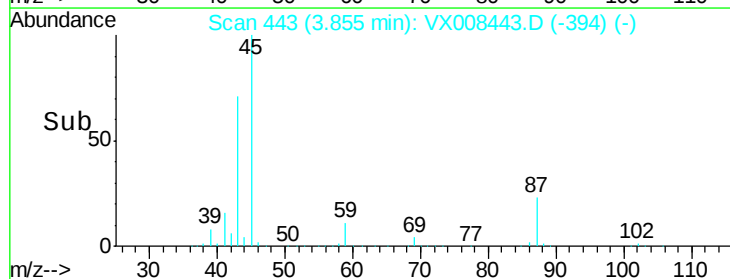
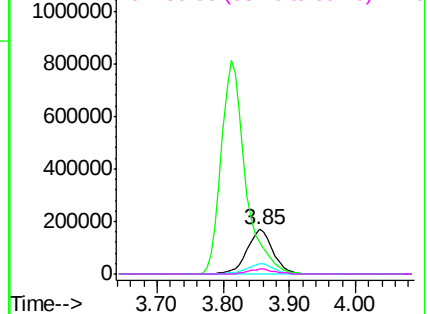
Abundance

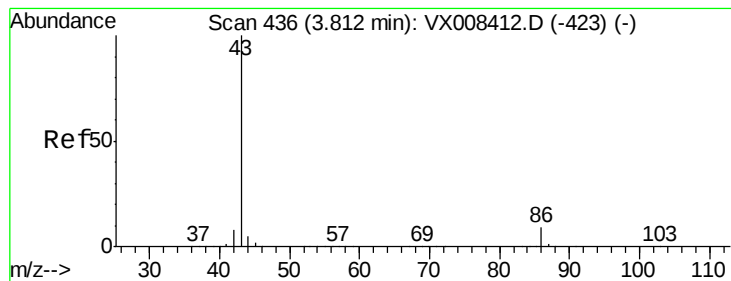
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 247.225 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

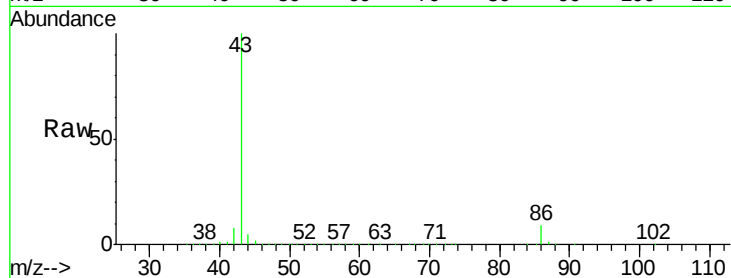
VSTDCCC050EC

Tot Ion: 43 Resp: 2061374

Ion Ratio Lower Upper

43 100

86 8.7 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

800000

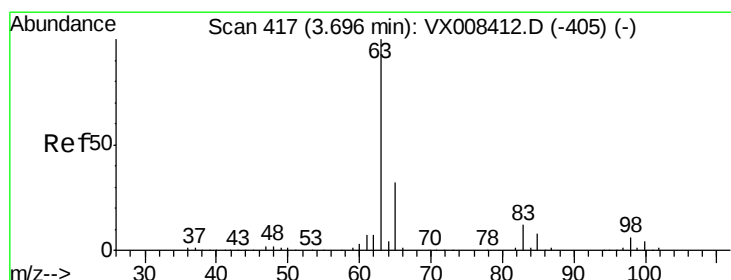
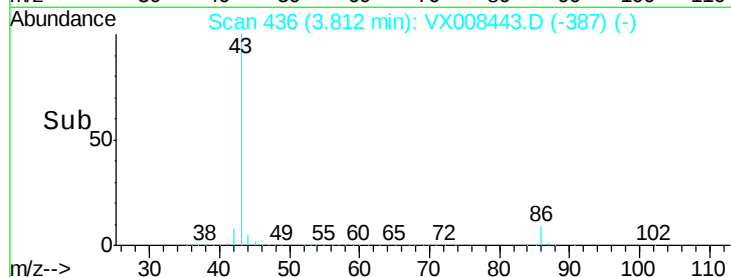
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 48.116 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

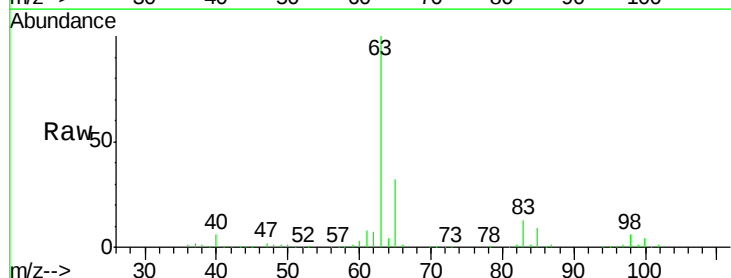
Tgt Ion: 63 Resp: 232156

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

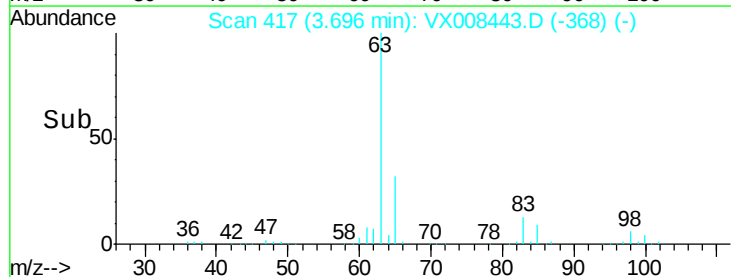
60000

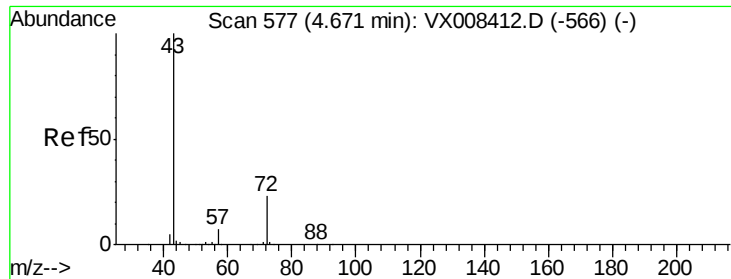
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 243.803 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

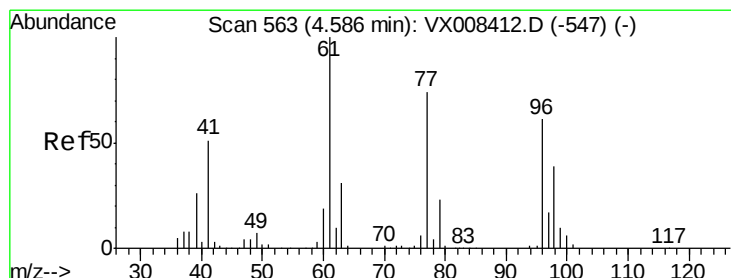
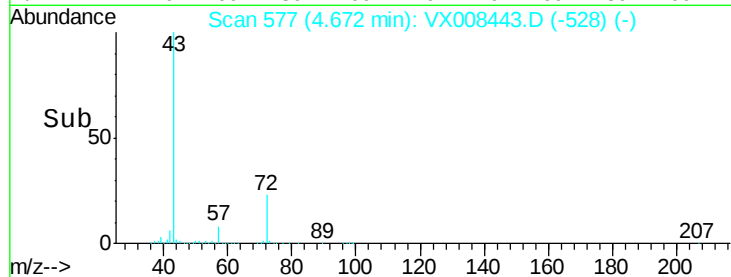
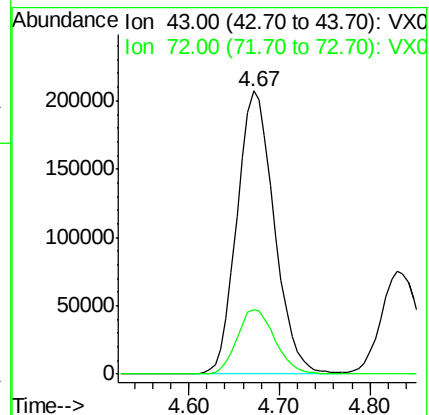
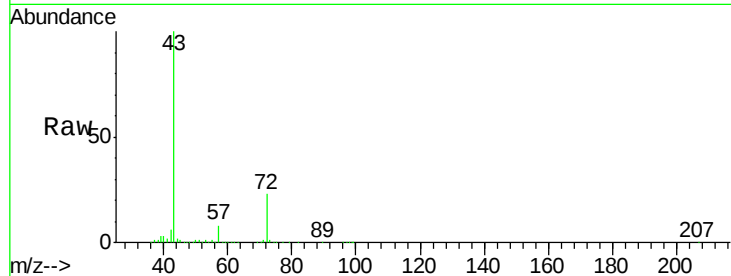
VSTDCCC050EC

Tot Ion: 43 Resp: 586484

Ion Ratio Lower Upper

43 100

72 22.9 18.6 28.0



#26

2,2-Dichloropropane

Concen: 37.370 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008443.D

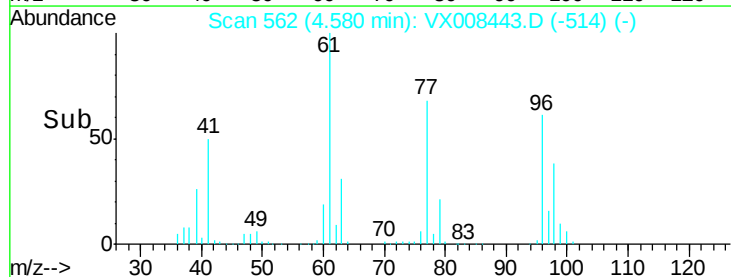
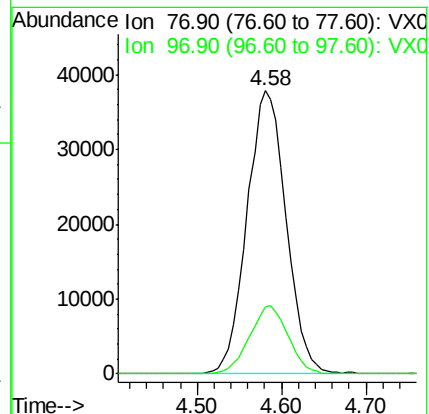
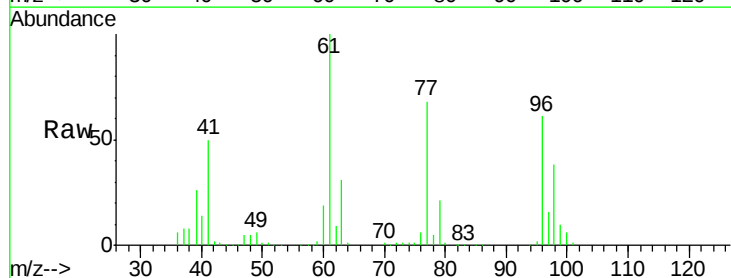
Acq: 26 Mar 2019 04:21

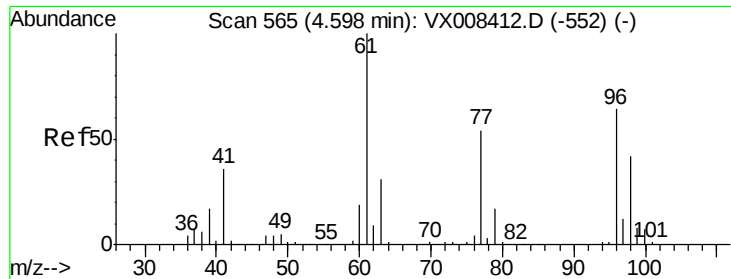
Tgt Ion: 77 Resp: 119927

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.6



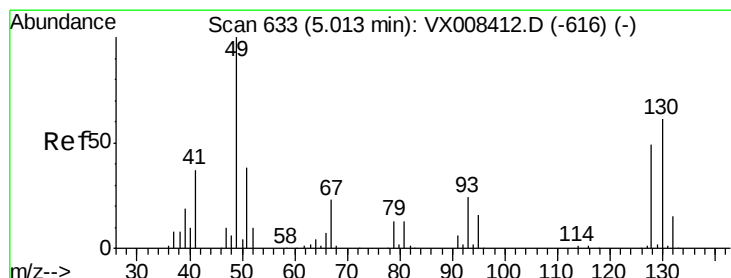
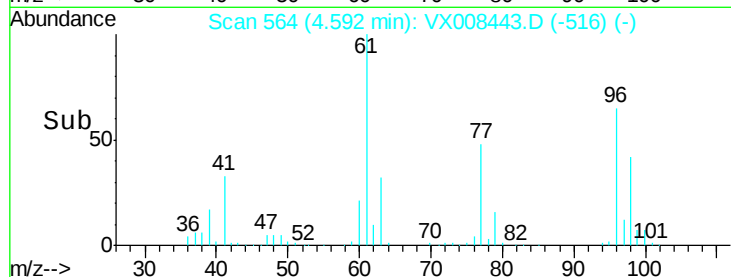
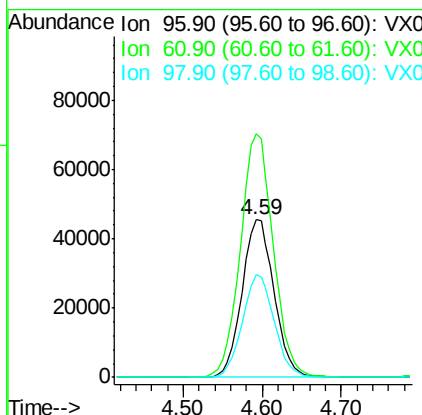
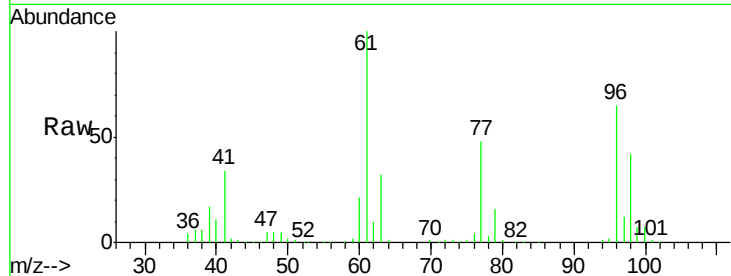


#27

cis-1,2-Dichloroethene
 Concen: 47.689 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

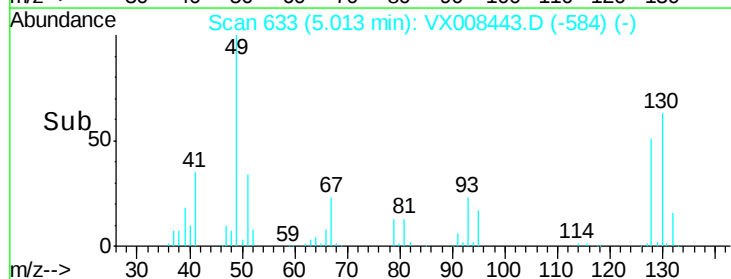
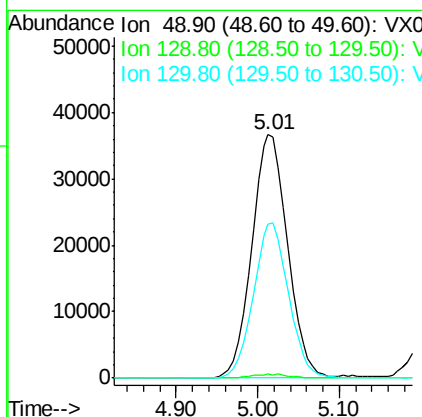
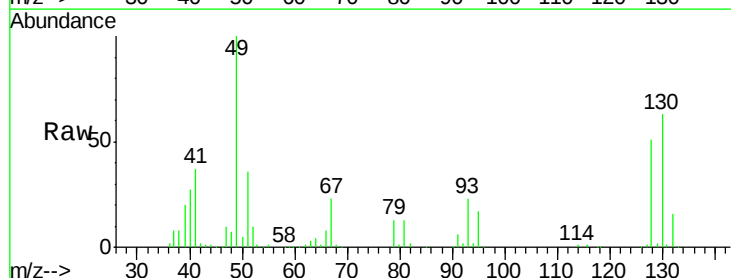
Tot Ion: 96 Resp: 128475
 Ion Ratio Lower Upper
 96 100
 61 159.1 0.0 325.6
 98 65.0 0.0 130.0

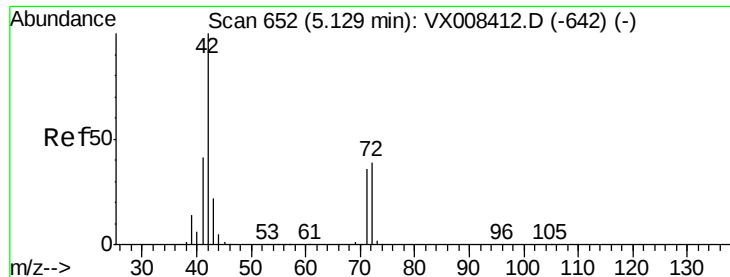


#28

Bromochloromethane
 Concen: 47.023 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Tgt Ion: 49 Resp: 112092
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 62.5 49.8 74.6





#29

Tetrahydrofuran

Concen: 243.257 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

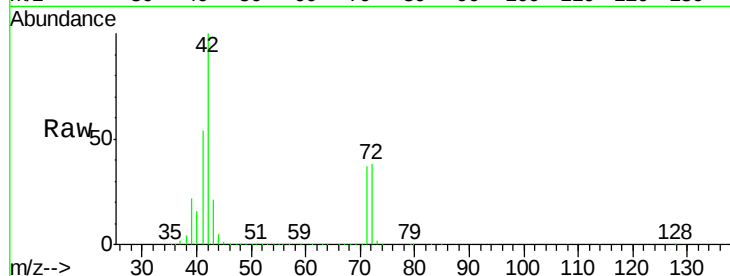
Tot Ion: 42 Resp: 385669

Ion Ratio Lower Upper

42 100

72 39.3 31.4 47.2

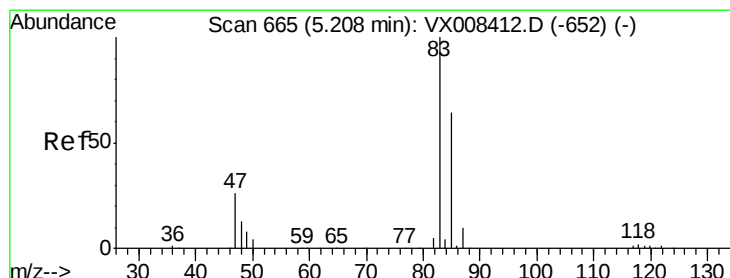
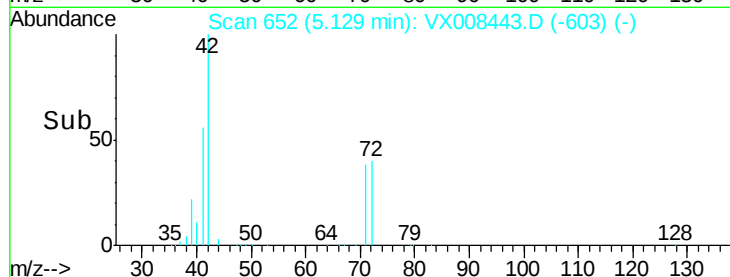
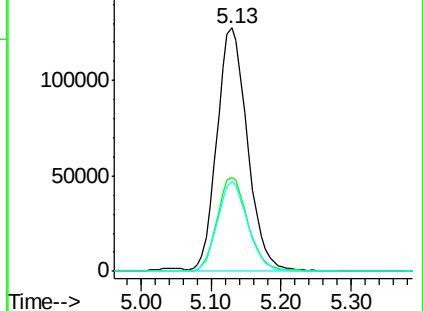
71 36.7 29.4 44.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.280 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX008443.D

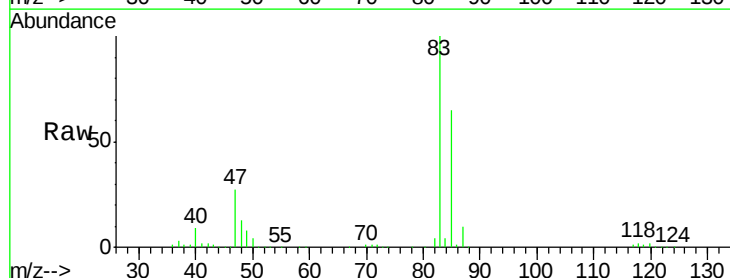
Acq: 26 Mar 2019 04:21

Tgt Ion: 83 Resp: 210230

Ion Ratio Lower Upper

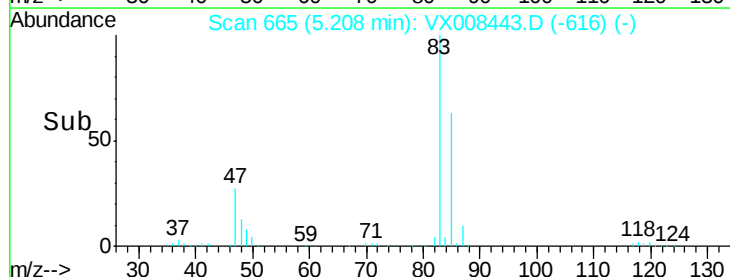
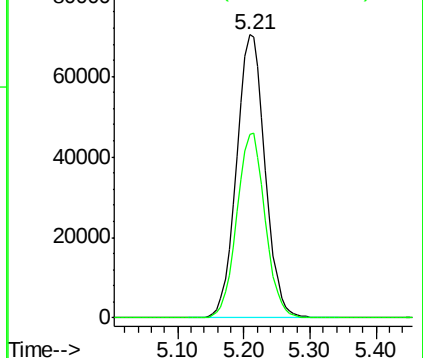
83 100

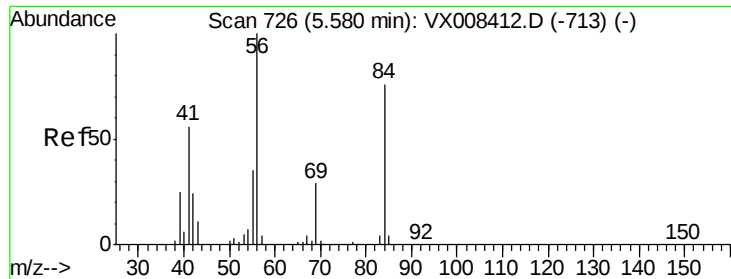
85 65.1 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

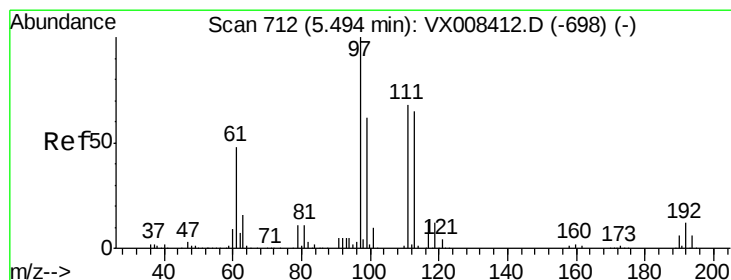
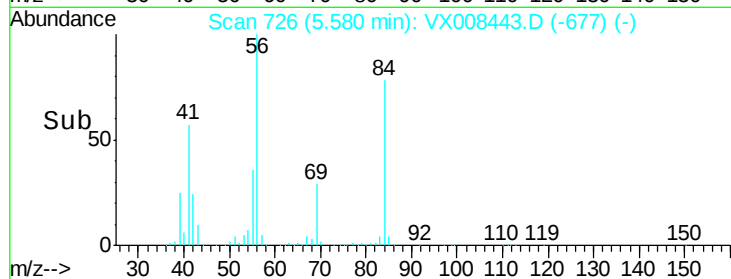
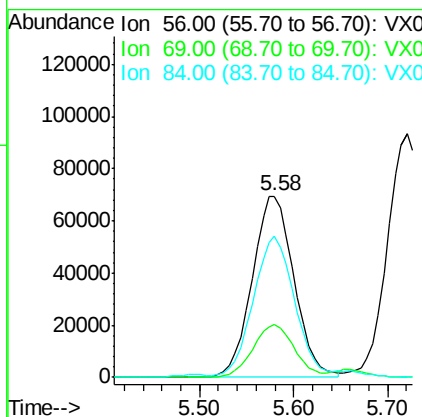
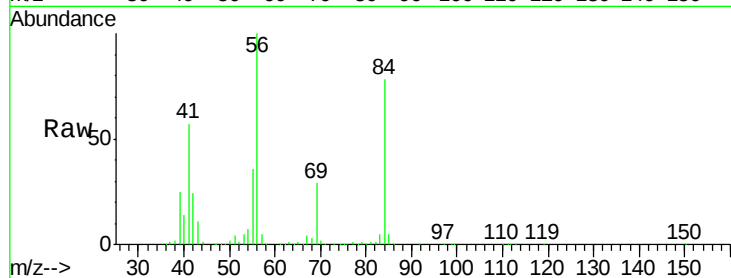




#31
Cyclohexane
Concen: 46.893 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

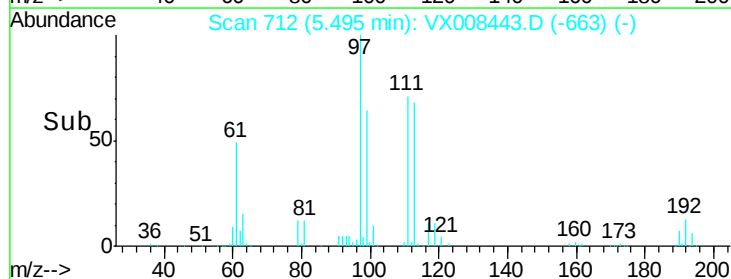
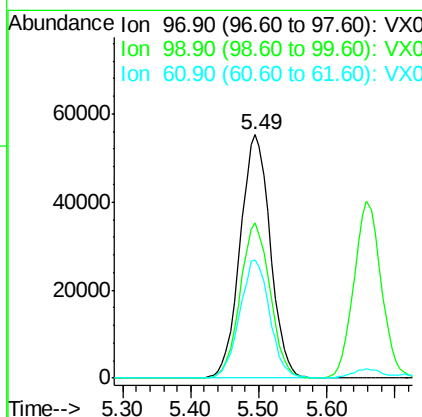
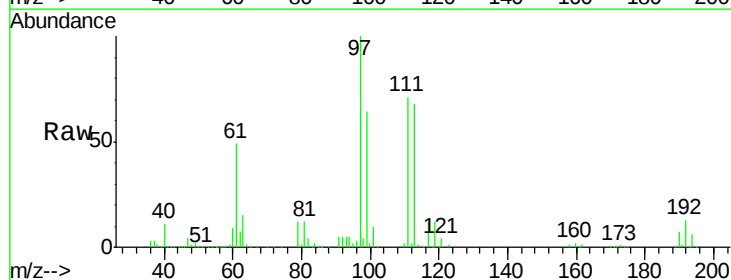
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

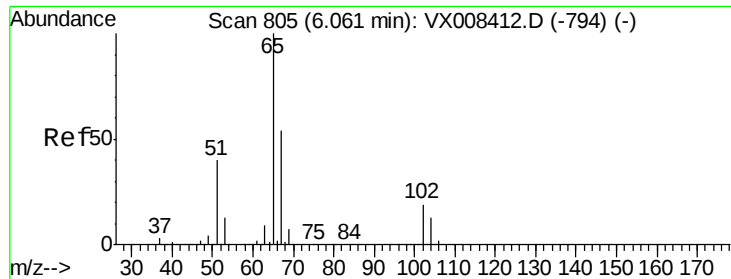
Tot Ion: 56 Resp: 215791
Ion Ratio Lower Upper
56 100
69 29.4 23.2 34.8
84 76.3 60.7 91.1



#32
1,1,1-Trichloroethane
Concen: 48.883 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

Tgt Ion: 97 Resp: 170140
Ion Ratio Lower Upper
97 100
99 63.7 51.5 77.3
61 48.5 38.8 58.2





#33

1,2-Dichloroethane-d4

Concen: 51.054 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

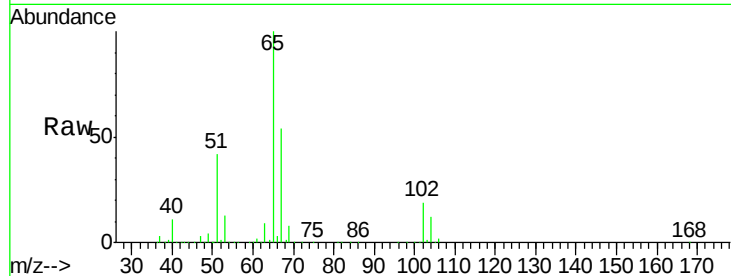
VSTDCCC050EC

Tot Ion: 65 Resp: 146572

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

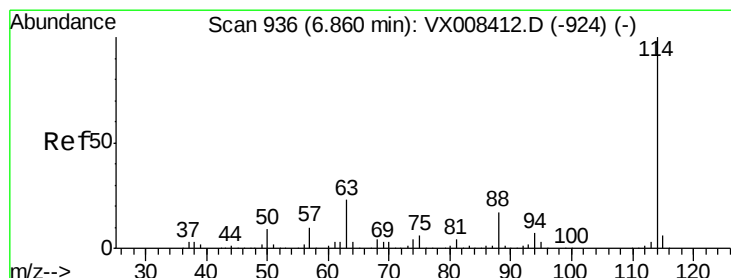
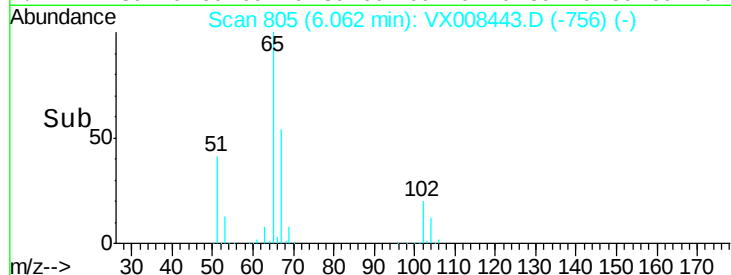
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

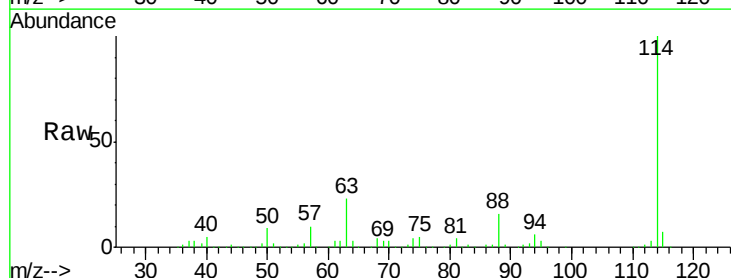
Tgt Ion: 114 Resp: 332306

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.4

88 16.5 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

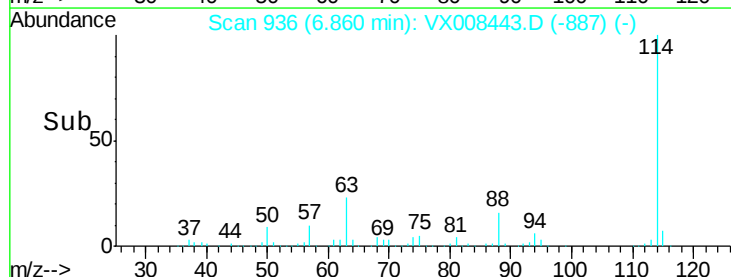
150000

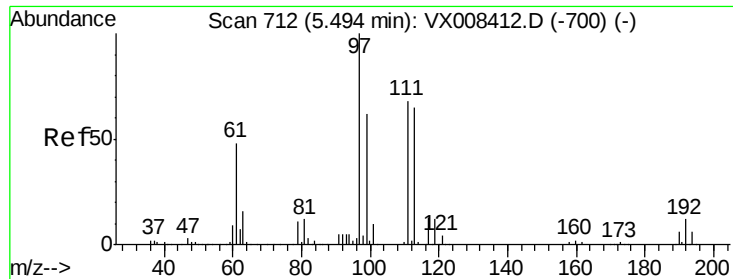
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.369 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

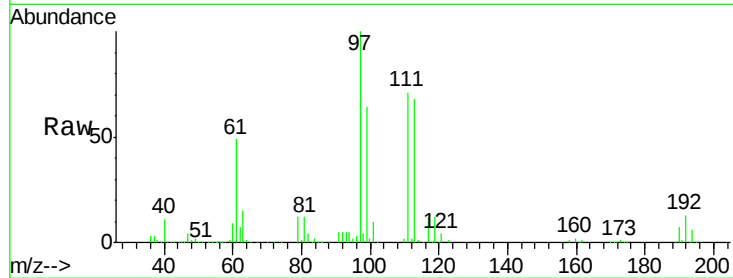
Tot Ion:113 Resp: 109138

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.4

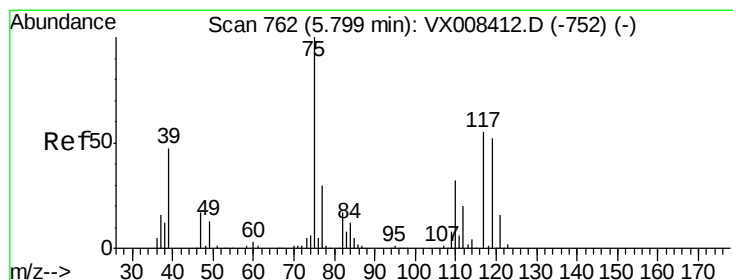
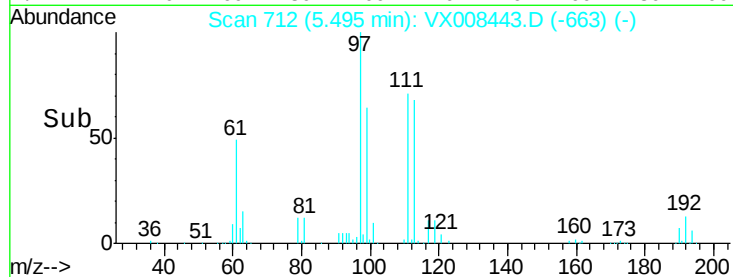
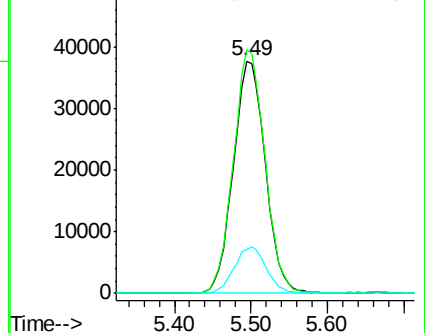
192 19.8 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.597 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

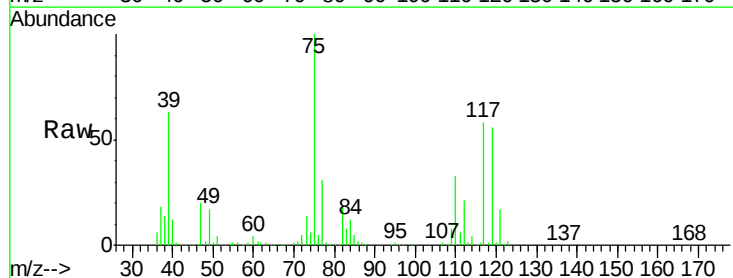
Tgt Ion: 75 Resp: 161557

Ion Ratio Lower Upper

75 100

110 33.2 16.6 49.7

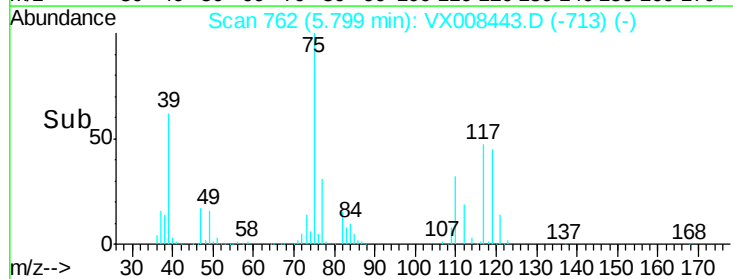
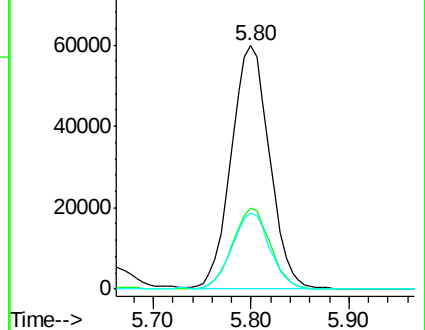
77 31.0 24.2 36.2

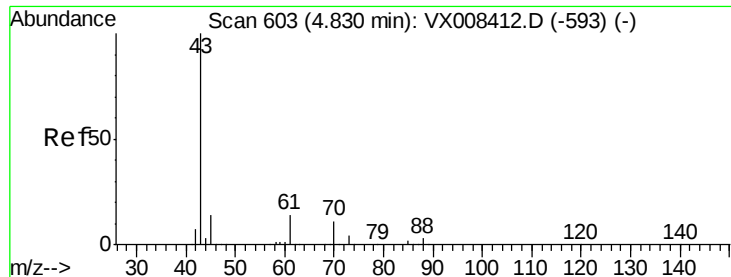


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

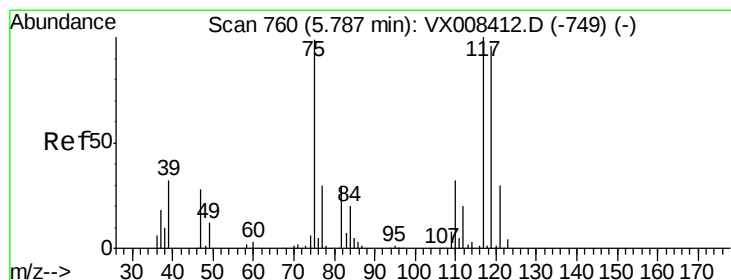
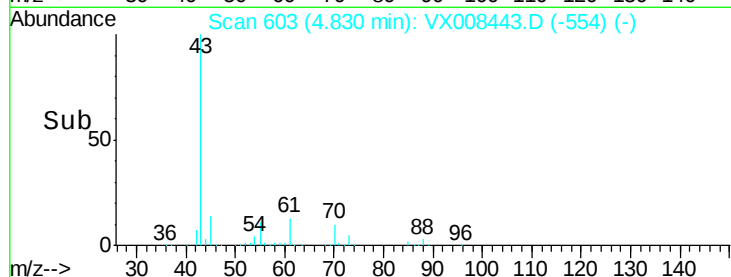
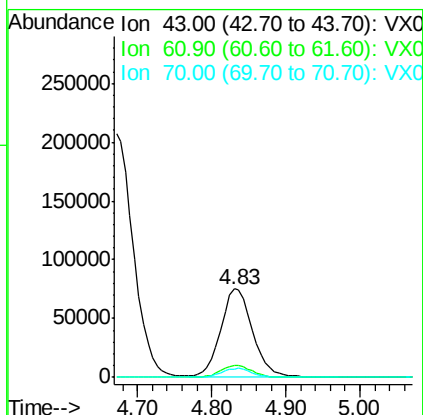
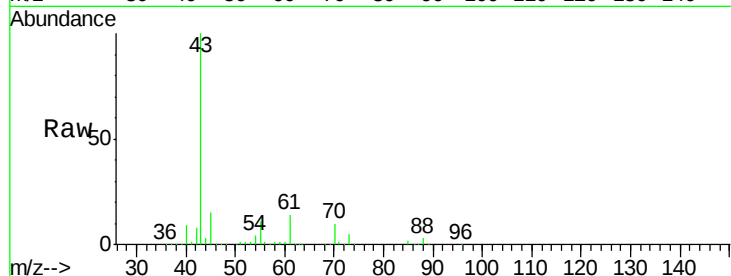




#37
Ethyl Acetate
Concen: 48.685 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

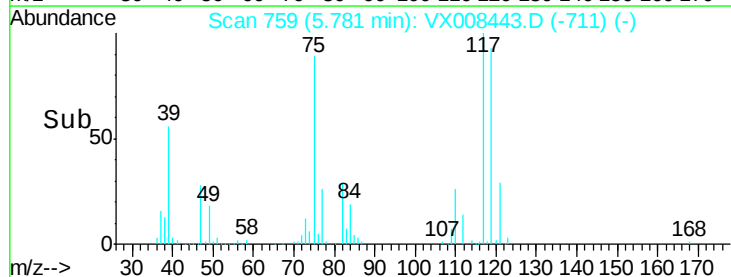
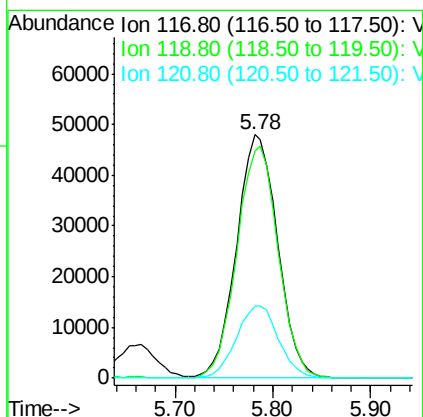
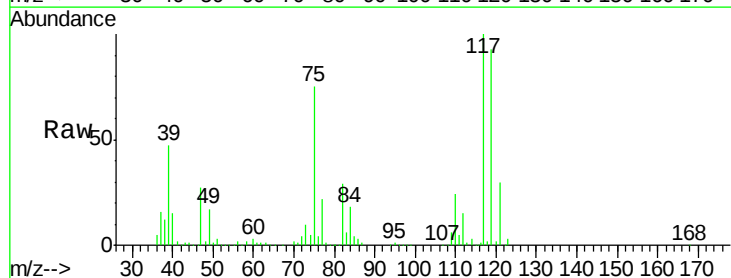
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

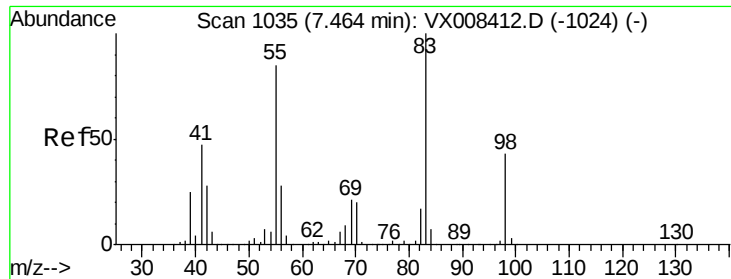
Tot Ion: 43 Resp: 223465
Ion Ratio Lower Upper
43 100
61 13.2 10.5 15.7
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 47.271 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

Tgt Ion: 117 Resp: 139775
Ion Ratio Lower Upper
117 100
119 93.3 76.7 115.1
121 29.8 24.3 36.5

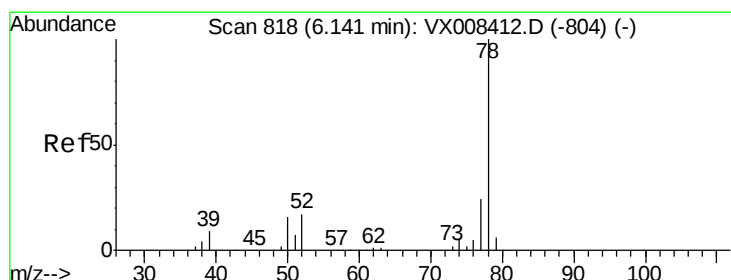
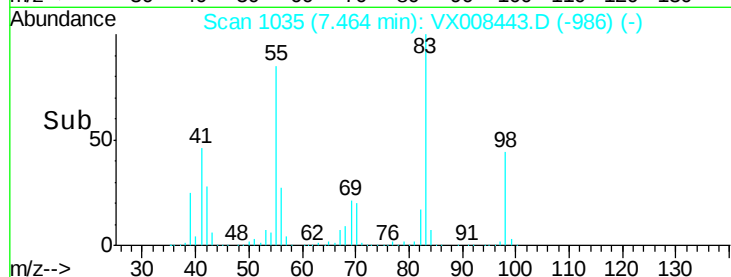
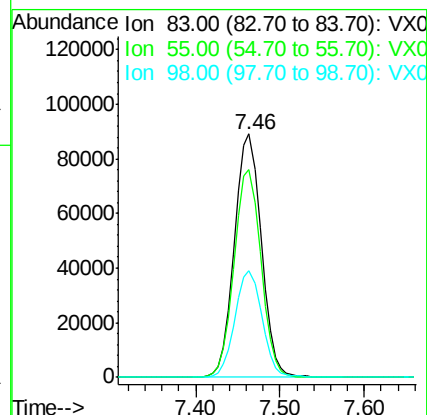
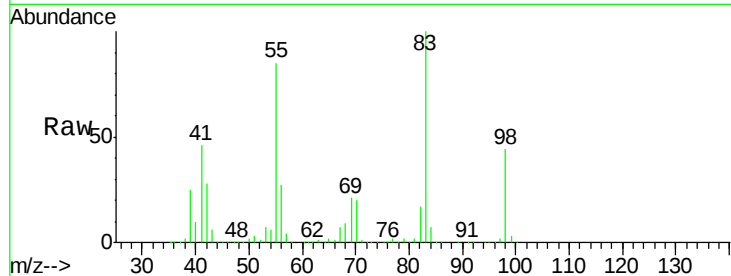




#39
Methvlcvclohexane
Concen: 45.465 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

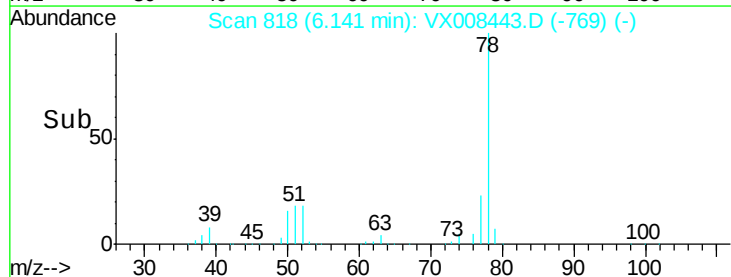
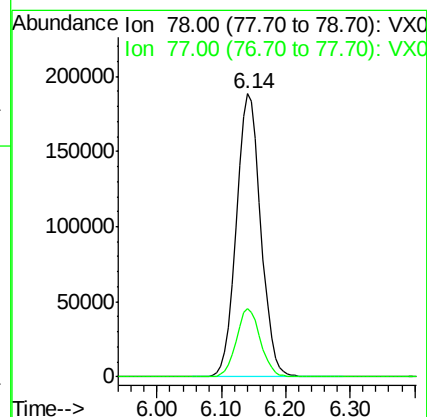
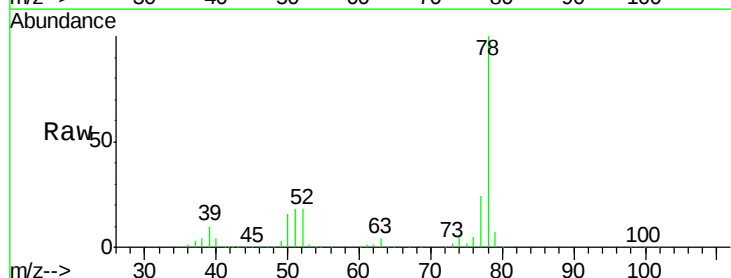
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

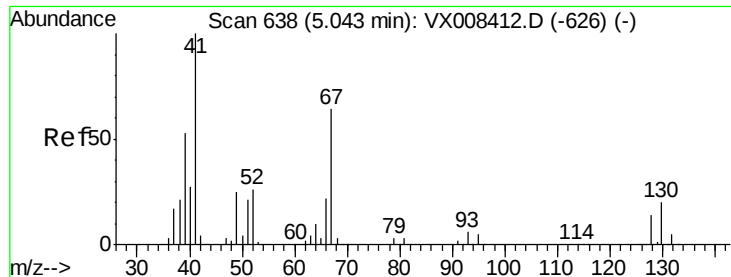
Tot Ion: 83 Resp: 192513
Ion Ratio Lower Upper
83 100
55 85.0 68.2 102.4
98 43.9 34.2 51.4



#40
Benzene
Concen: 47.013 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

Tgt Ion: 78 Resp: 498674
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41

Methacrylonitrile

Concen: 48.911 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 126165

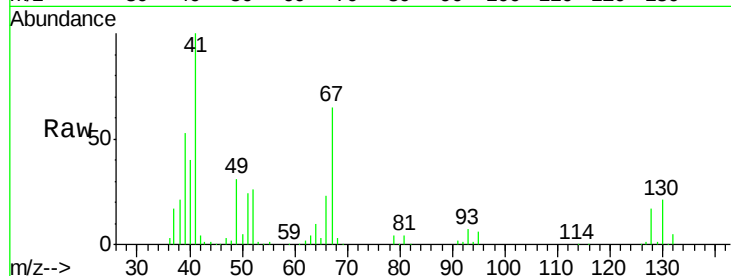
Ion Ratio Lower Upper

41 100

39 53.2 42.6 64.0

67 64.6 52.2 78.4

52 27.0 21.4 32.0

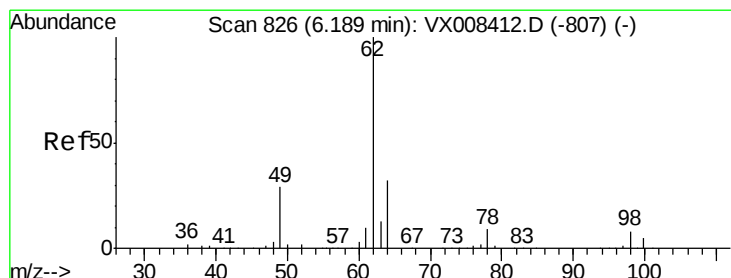
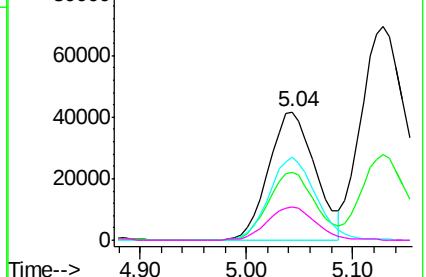
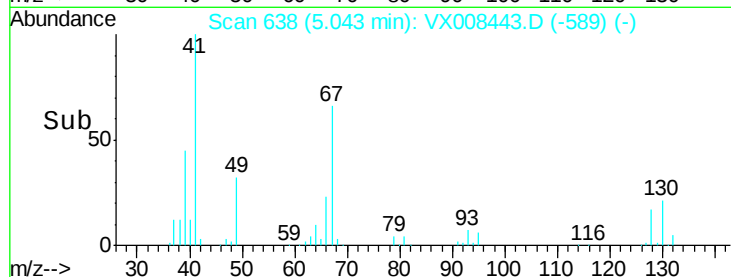


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.064 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX008443.D

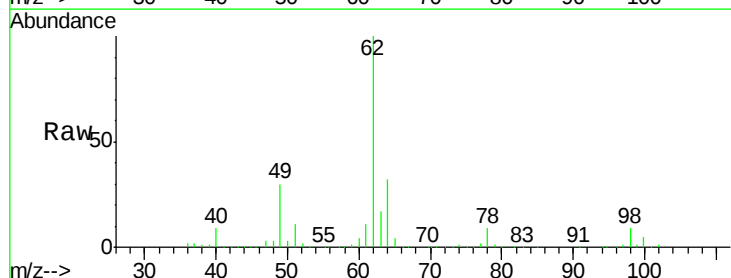
Acq: 26 Mar 2019 04:21

Tgt Ion: 62 Resp: 178896

Ion Ratio Lower Upper

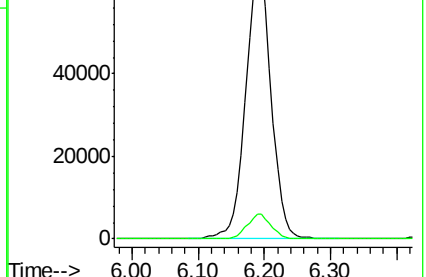
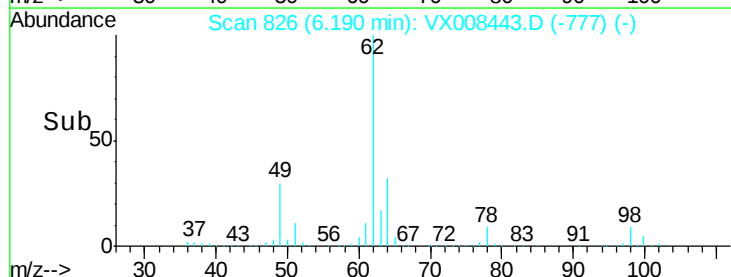
62 100

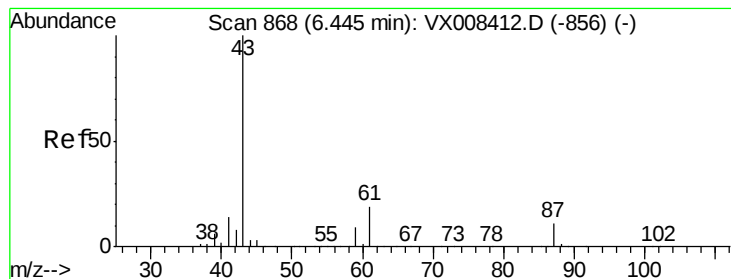
98 8.7 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.618 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

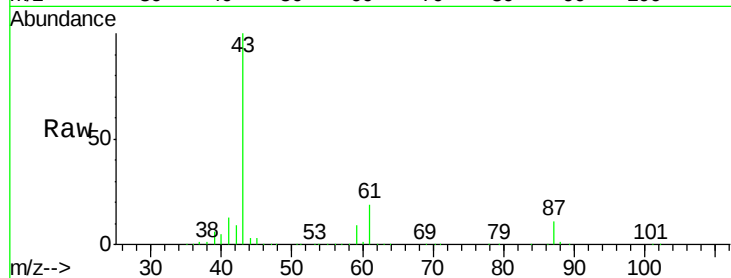
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 356947

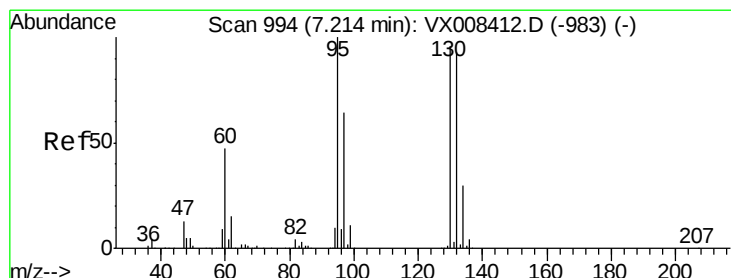
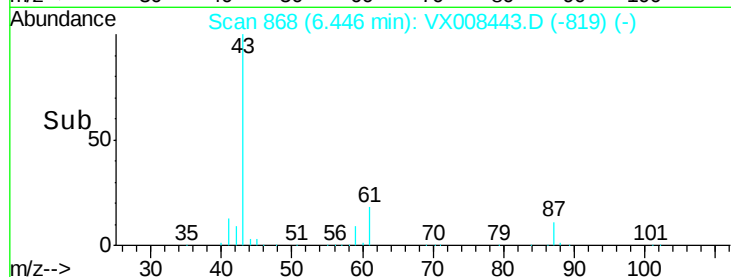
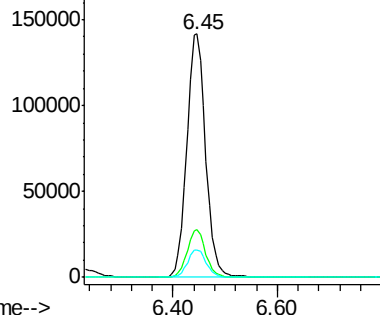
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.2
87	11.4	9.1	13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 45.946 ug/l

RT: 7.21 min Scan# 994

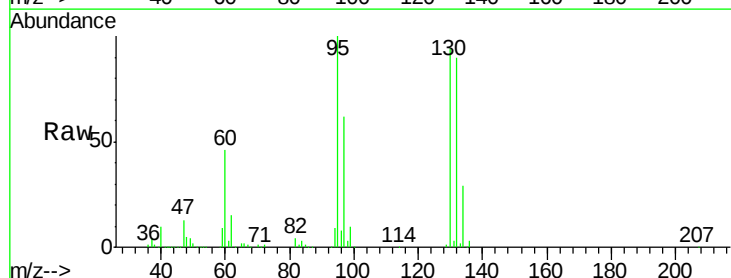
Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

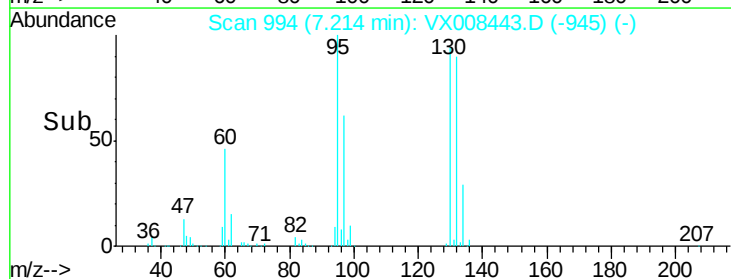
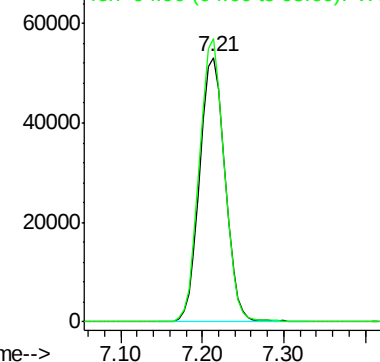
Tgt Ion: 130 Resp: 114431

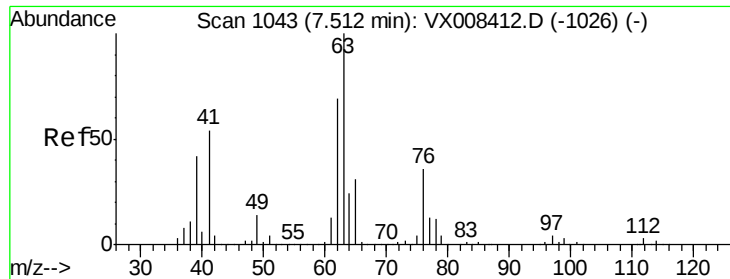
Ion	Ratio	Lower	Upper
130	100		
95	106.9	0.0	208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

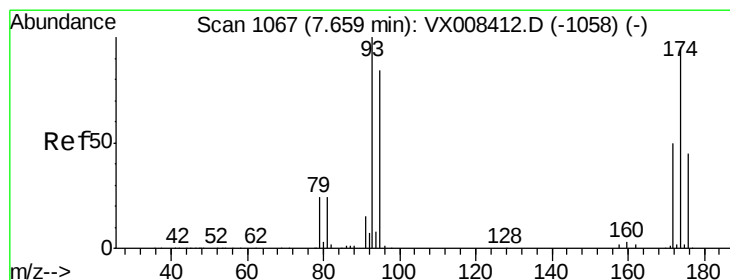
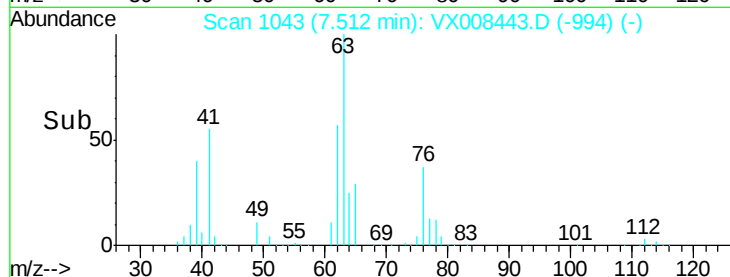
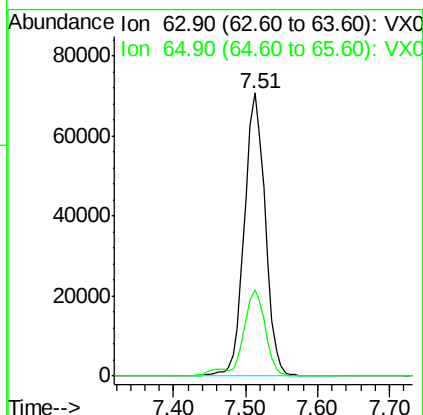
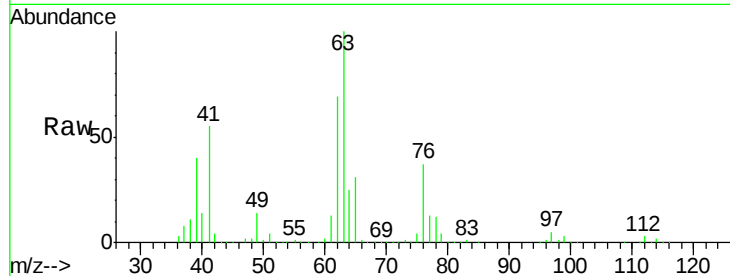




#45
 1,2-Dichloropropane
 Concen: 47.319 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

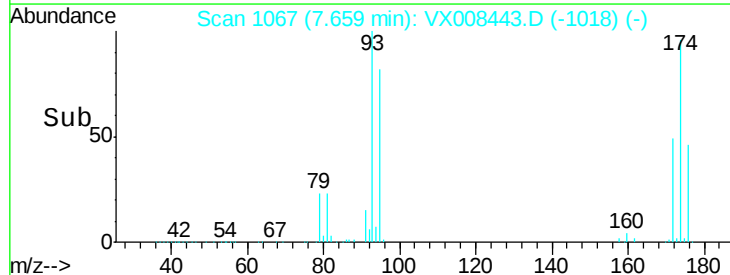
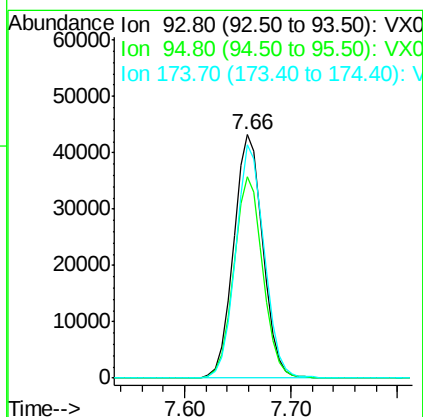
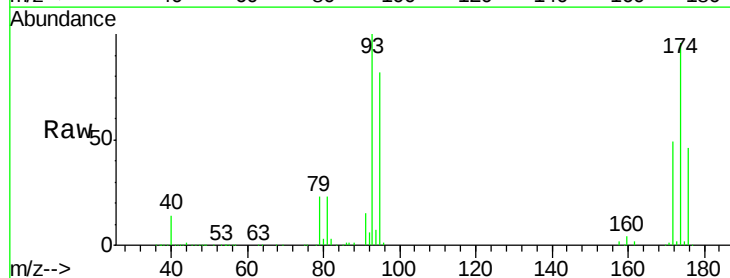
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

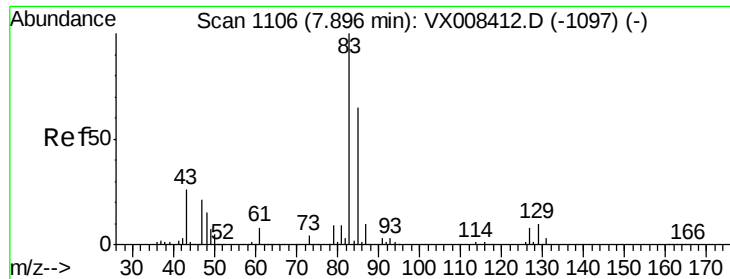
Tot Ion: 63 Resp: 142665
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.1 37.7



#46
 Dibromomethane
 Concen: 47.283 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Tgt Ion: 93 Resp: 83247
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.0 100.6
 174 94.1 76.0 114.0





#47

Bromodichloromethane

Concen: 48.527 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

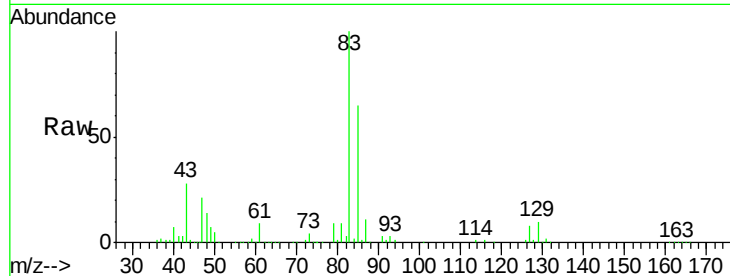
Tot Ion: 83 Resp: 163533

Ion Ratio Lower Upper

83 100

85 65.4 52.0 78.0

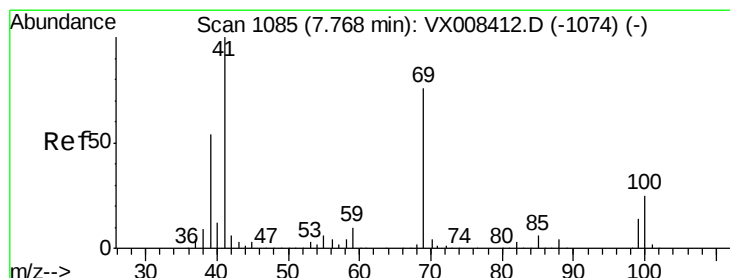
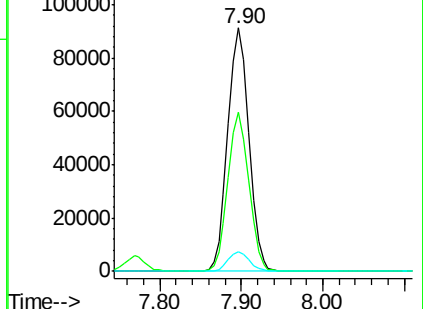
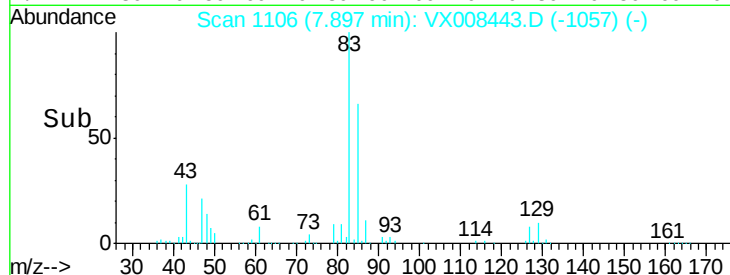
127 7.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.997 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

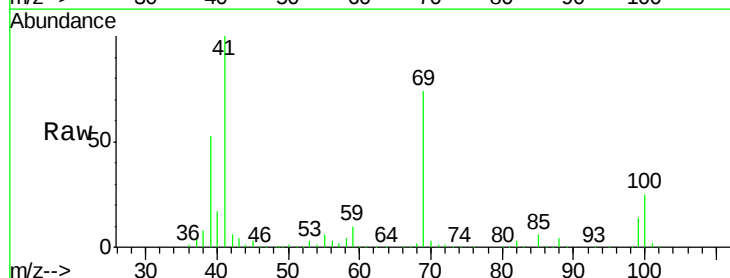
Tgt Ion: 41 Resp: 179994

Ion Ratio Lower Upper

41 100

69 75.9 60.8 91.2

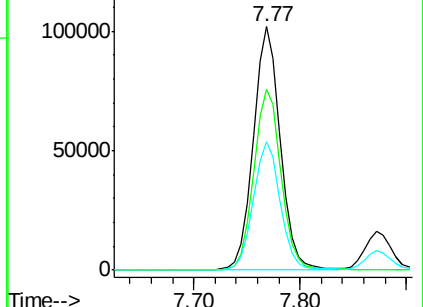
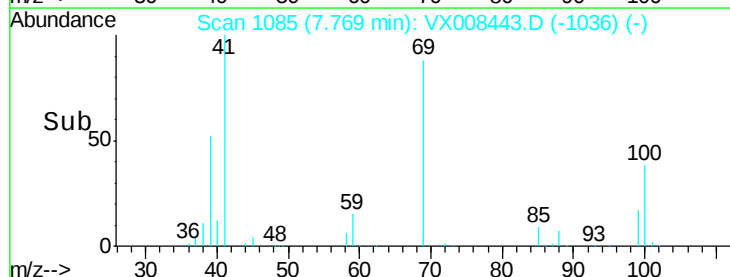
39 52.9 42.3 63.5

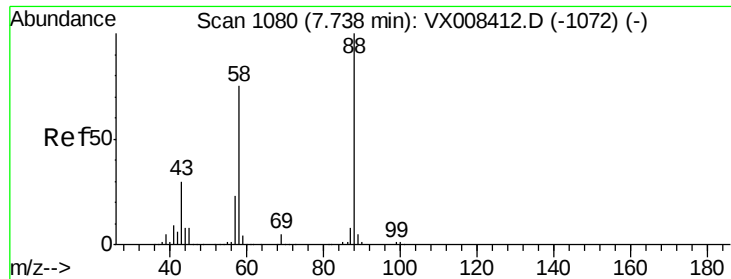


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

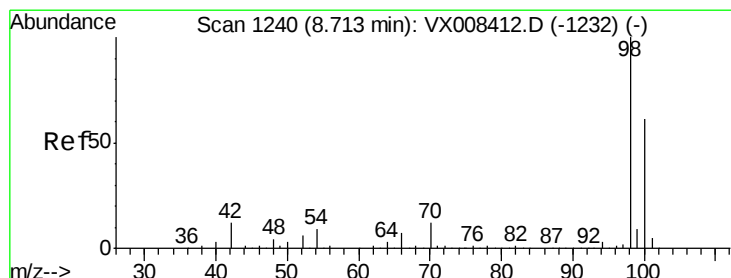
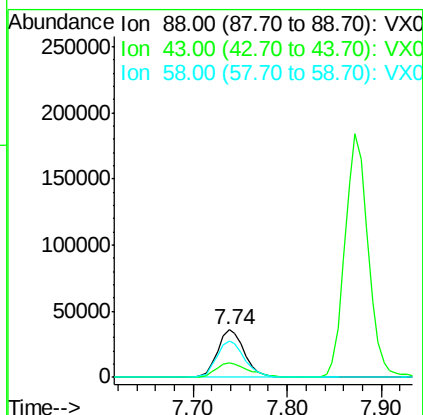
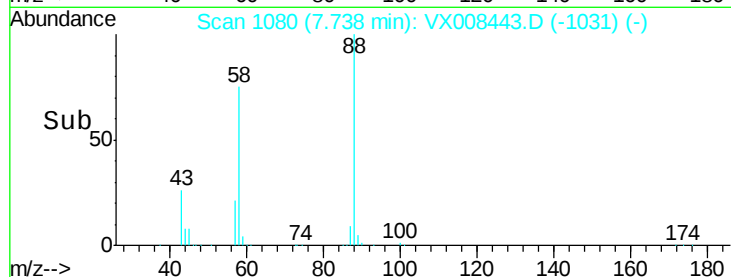
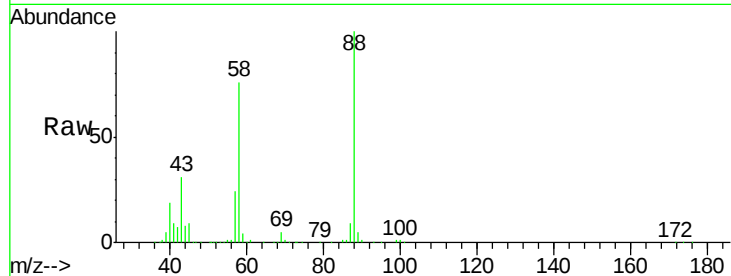




#49
1,4-Dioxane
Concen: 978.073 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

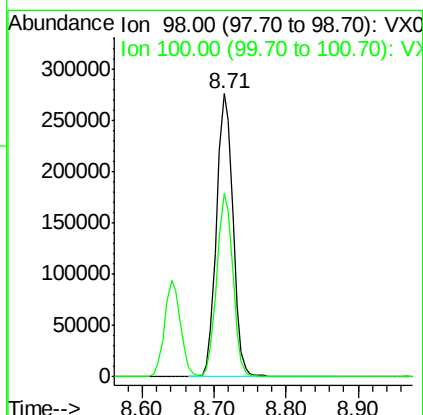
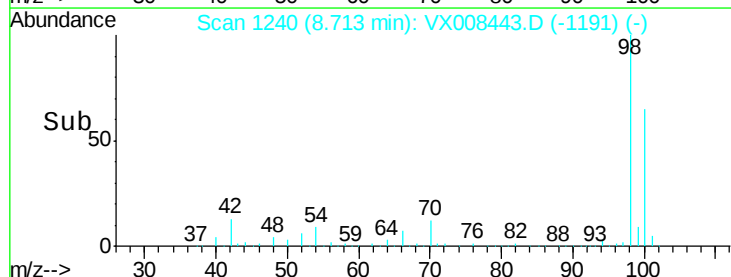
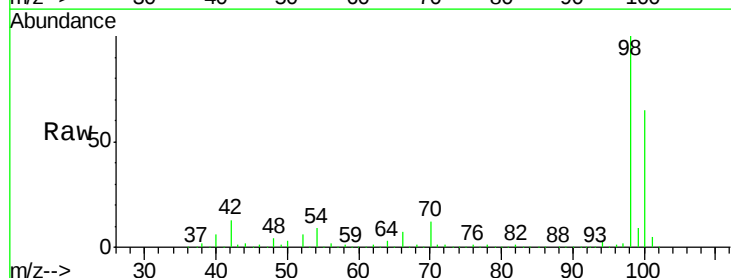
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

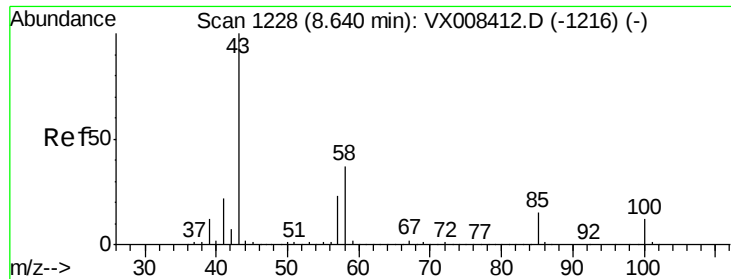
Tot Ion: 88 Resp: 71441
Ion Ratio Lower Upper
88 100
43 36.1 28.6 43.0
58 78.9 63.0 94.4



#50
Toluene-d8
Concen: 50.365 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

Tgt Ion: 98 Resp: 436363
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 248.363 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

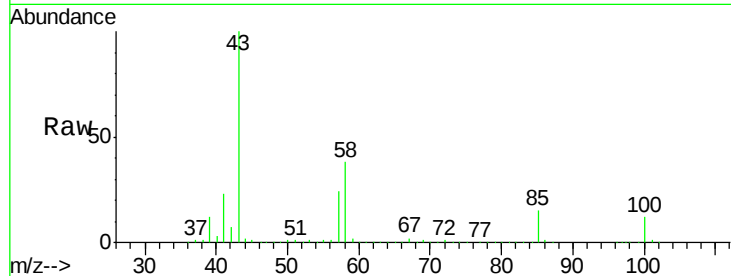
VSTDCCC050EC

Tot Ion: 43 Resp: 1184333

Ion Ratio Lower Upper

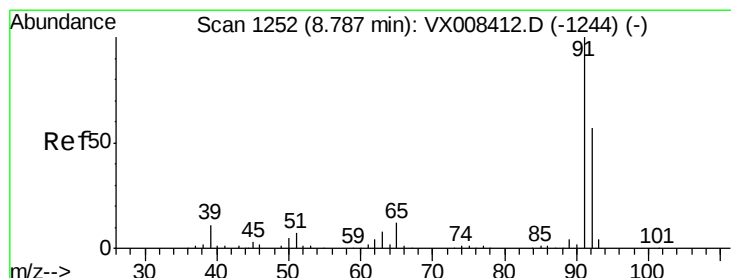
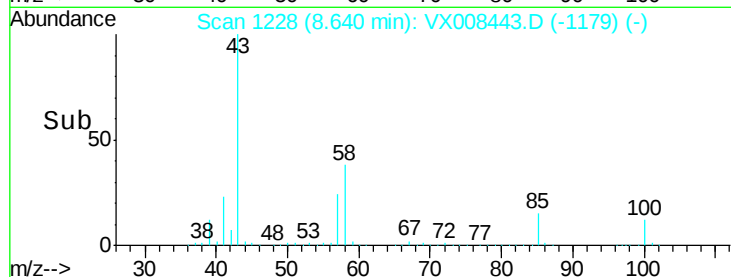
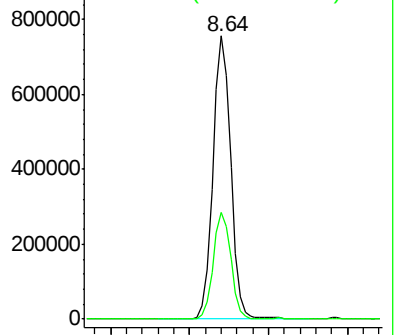
43 100

58 37.5 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.262 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008443.D

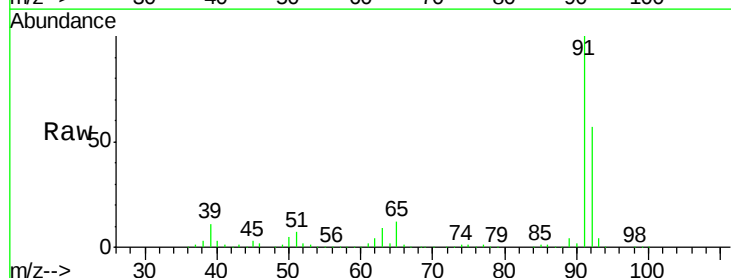
Acq: 26 Mar 2019 04:21

Tgt Ion: 92 Resp: 299754

Ion Ratio Lower Upper

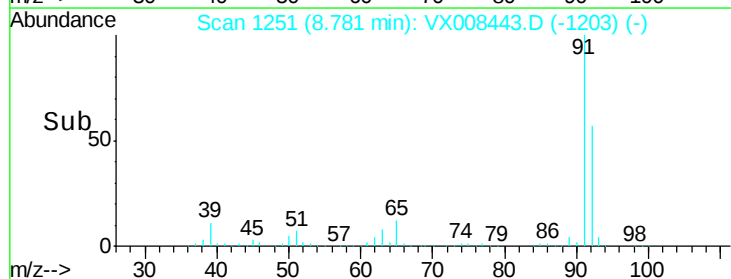
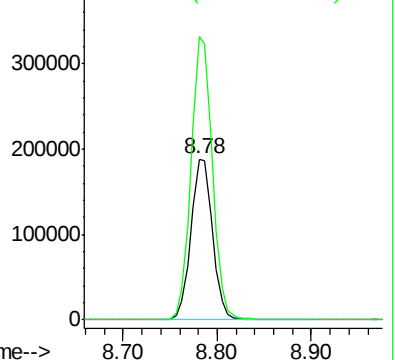
92 100

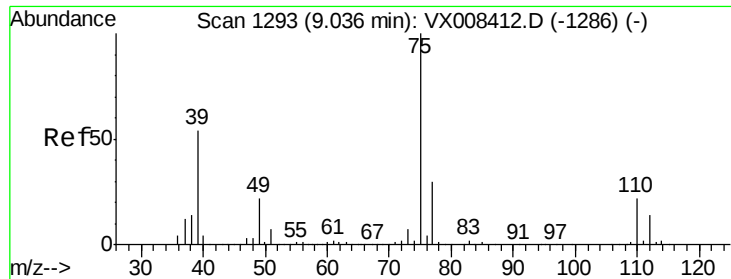
91 174.3 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

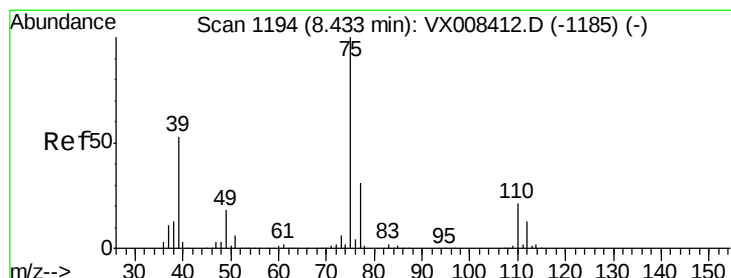
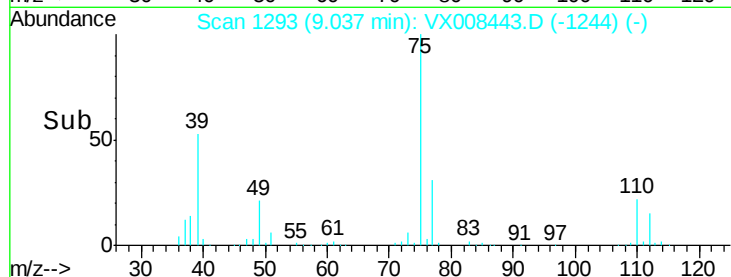
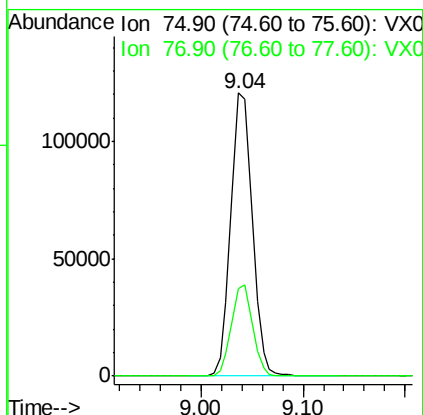
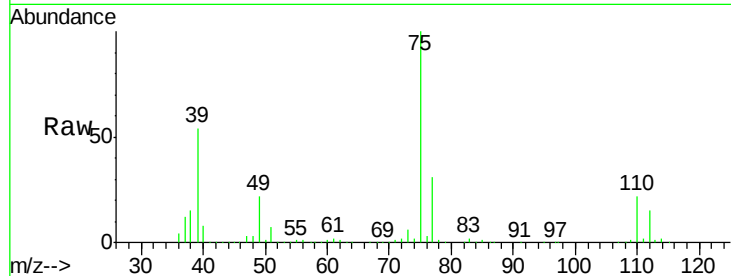




#53
 t-1,3-Dichloropropene
 Concen: 47.689 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

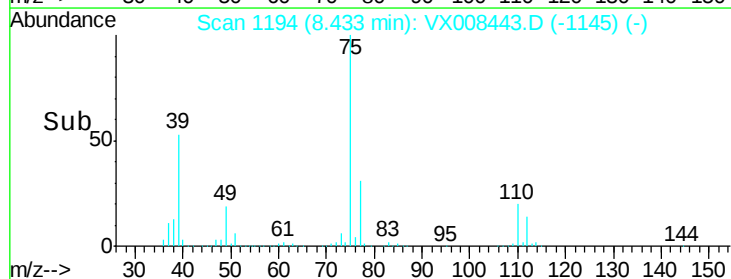
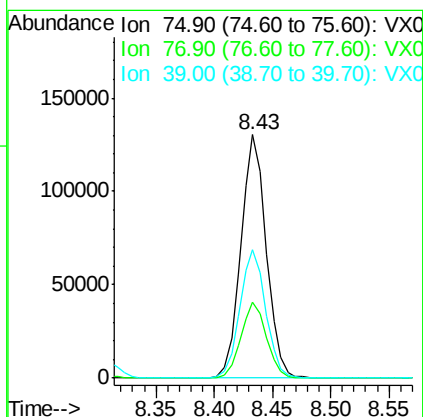
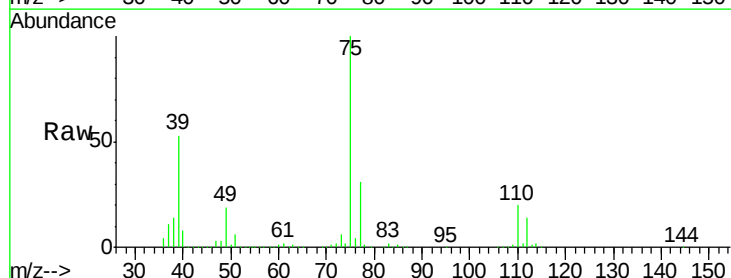
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

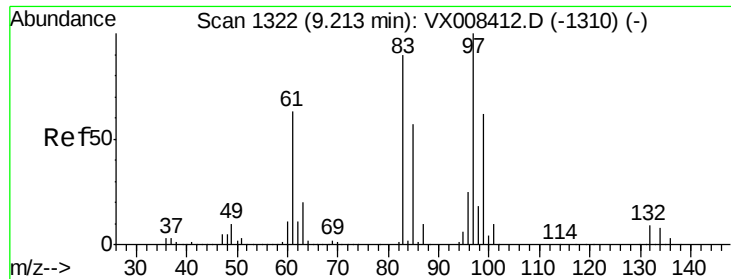
Tot Ion: 75 Resp: 176024
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 47.207 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Tgt Ion: 75 Resp: 198141
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.7 37.1
 39 52.5 42.4 63.6

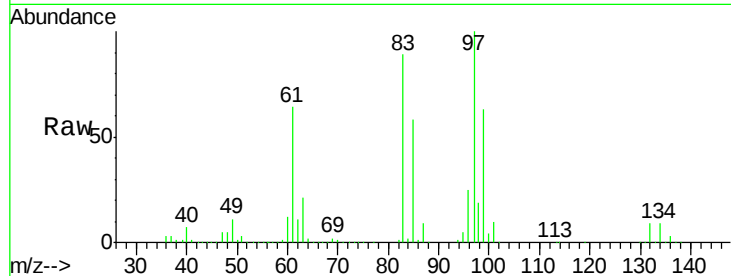




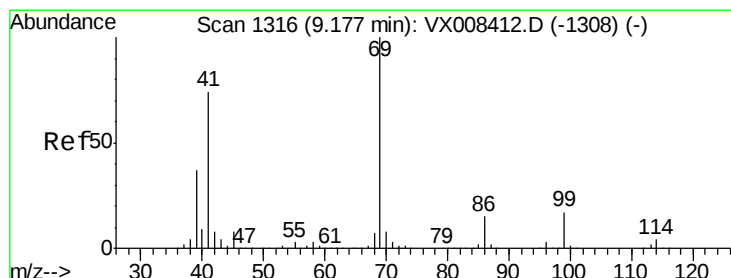
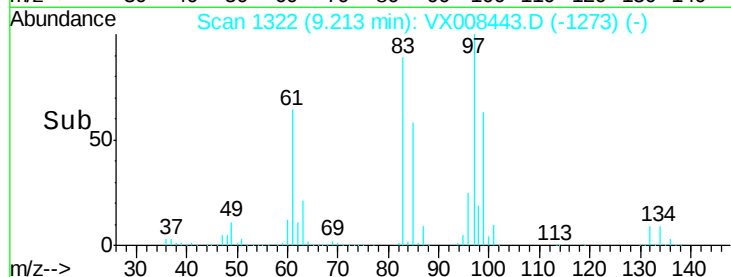
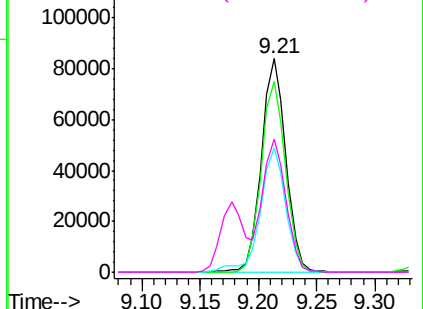
#55
 1,1,2-Trichloroethane
 Concen: 47.410 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	122401
Ion	Ratio	Lower	Upper
97	100		
83	89.4	71.8	107.6
85	58.0	45.9	68.9
99	62.5	49.4	74.0

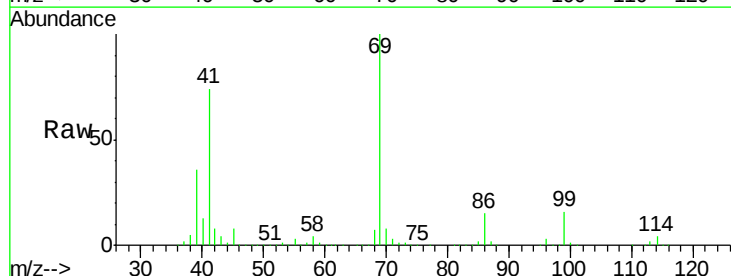


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

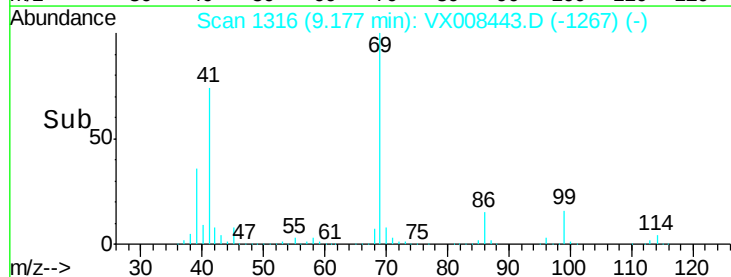
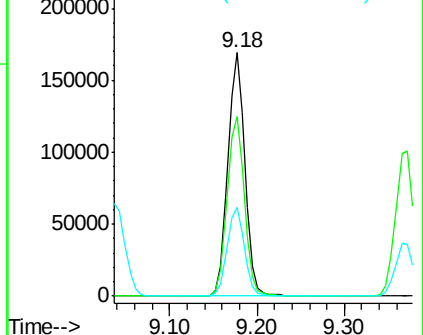


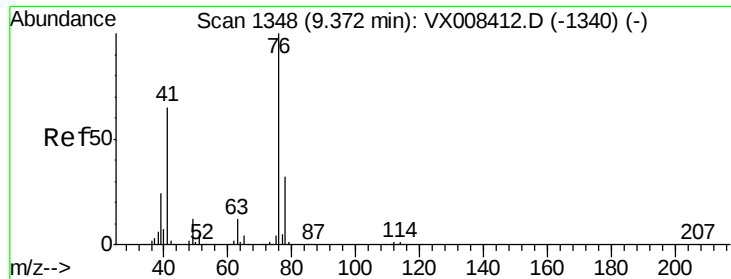
#56
 Ethyl methacrylate
 Concen: 49.281 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Tgt Ion:	69	Resp:	229667
Ion	Ratio	Lower	Upper
69	100		
41	74.5	59.5	89.3
39	36.8	29.3	43.9



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

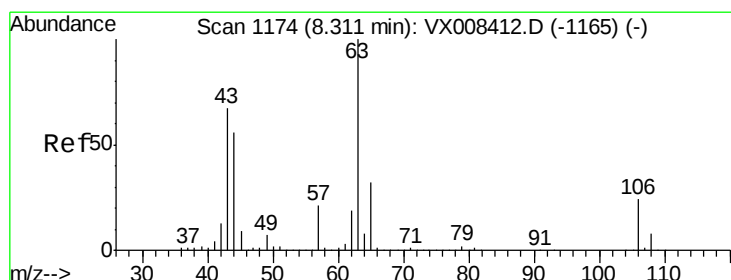
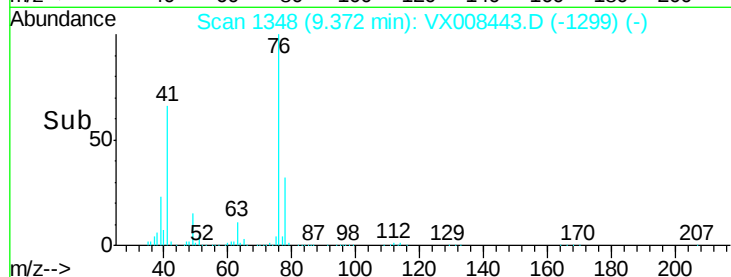
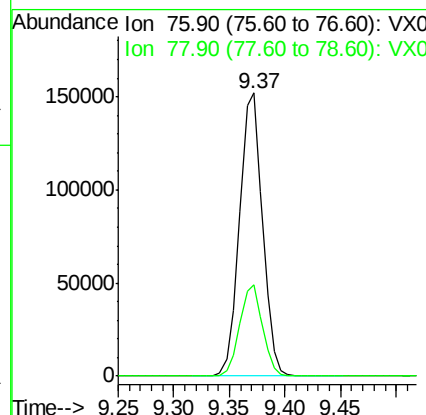
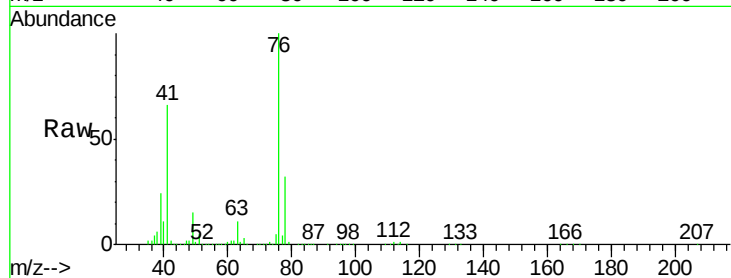




#57
 1,3-Dichloropropane
 Concen: 46.917 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

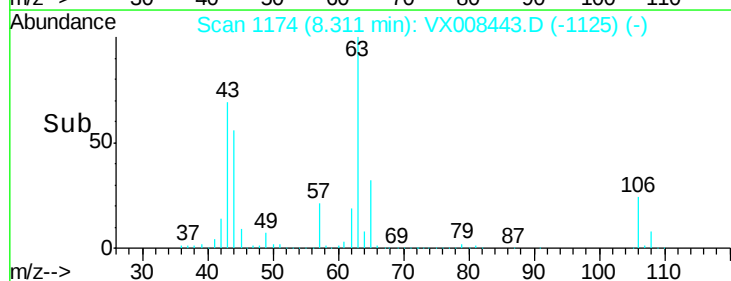
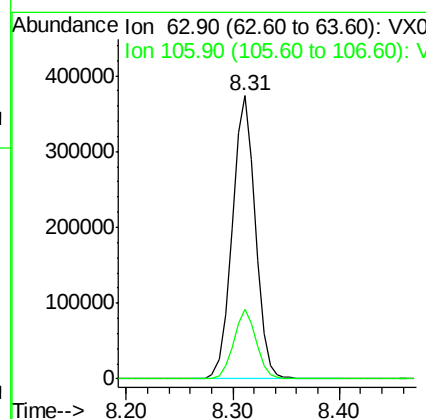
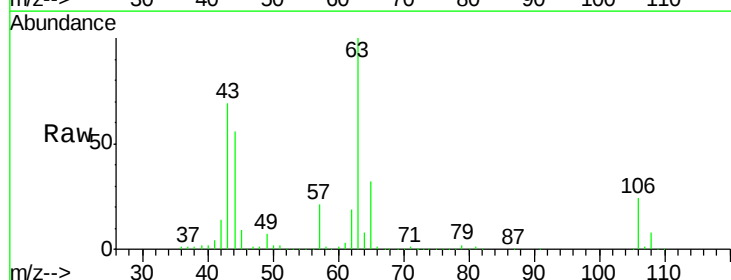
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

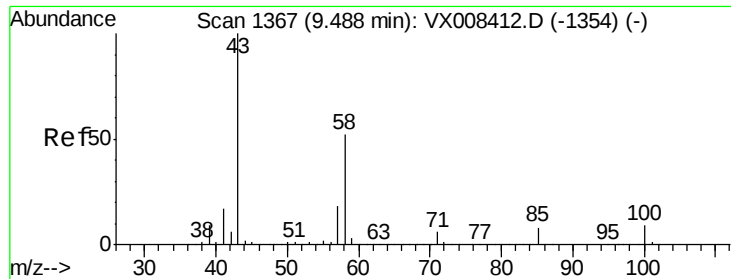
Tot Ion: 76 Resp: 217175
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.579 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Tgt Ion: 63 Resp: 567509
 Ion Ratio Lower Upper
 63 100
 106 23.9 19.0 28.6

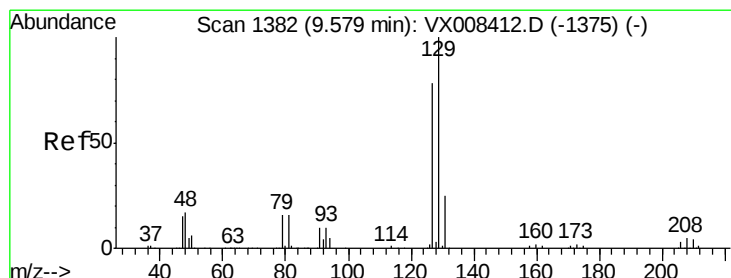
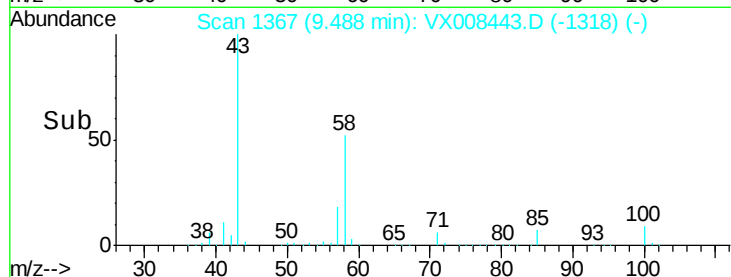
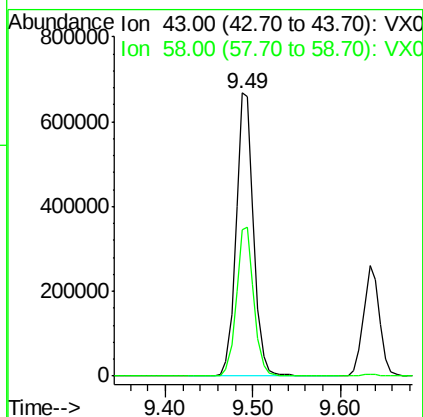
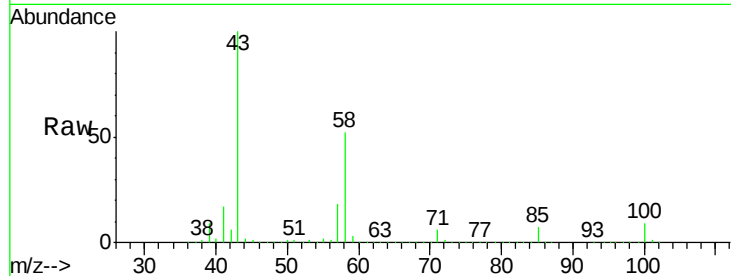




#59
2-Hexanone
Concen: 252.315 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

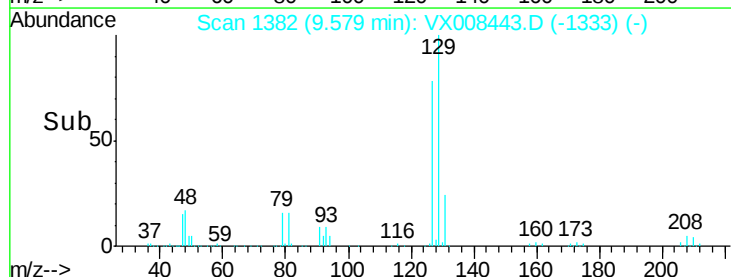
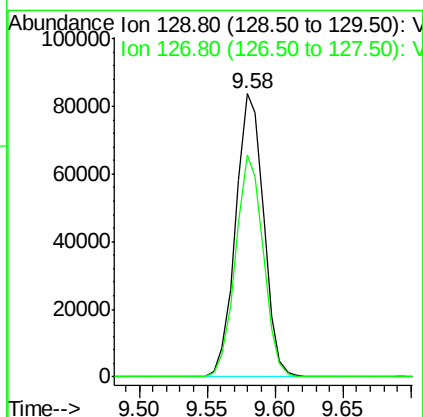
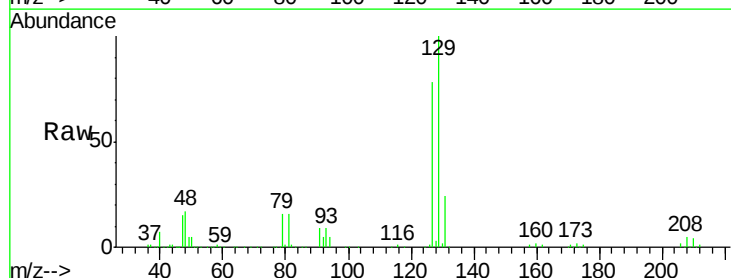
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

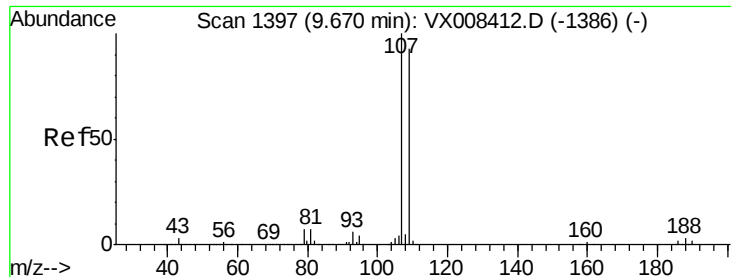
Tot Ion: 43 Resp: 932291
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.9



#60
Dibromochloromethane
Concen: 48.917 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

Tgt Ion:129 Resp: 120106
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.3





#61

1,2-Dibromoethane

Concen: 47.601 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

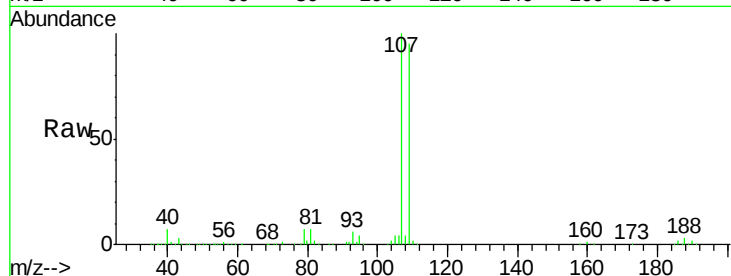
VSTDCCC050EC

Tot Ion:107 Resp: 125416

Ion Ratio Lower Upper

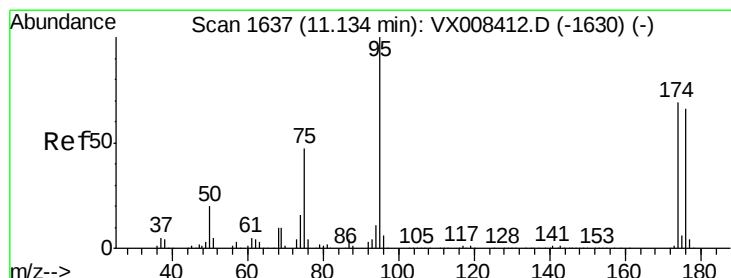
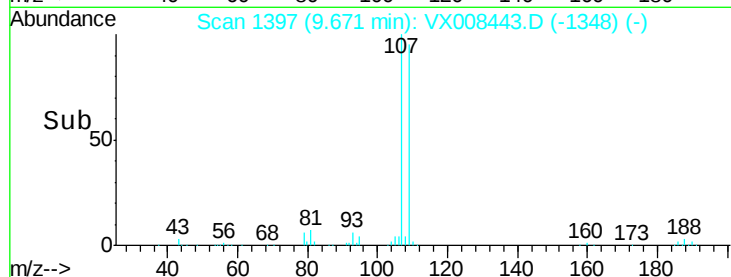
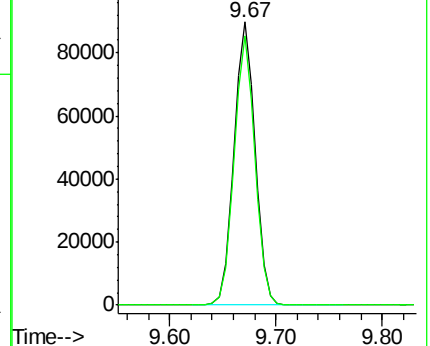
107 100

109 93.9 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.577 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

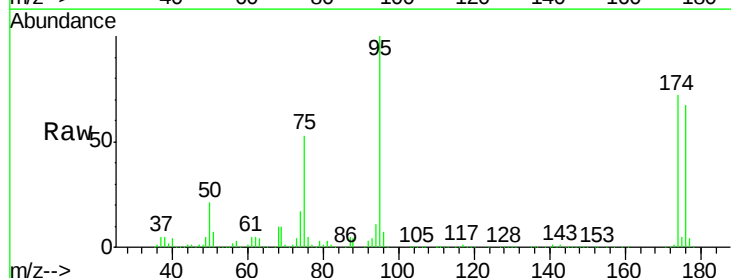
Tgt Ion: 95 Resp: 162382

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.2

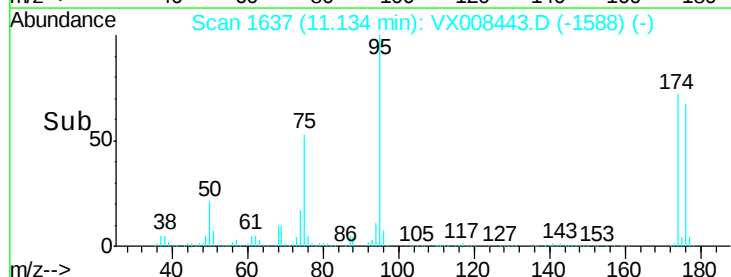
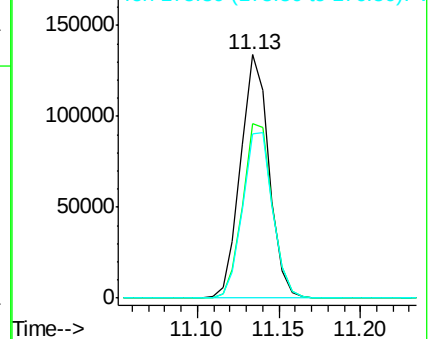
176 72.3 0.0 142.4

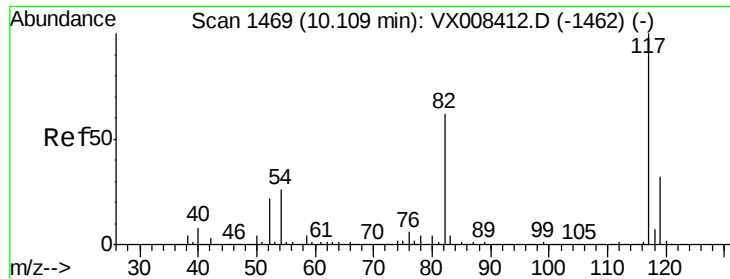


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

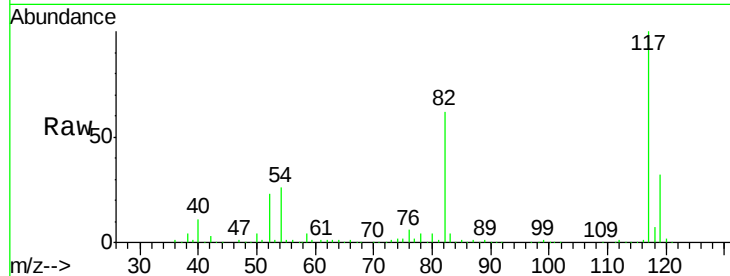




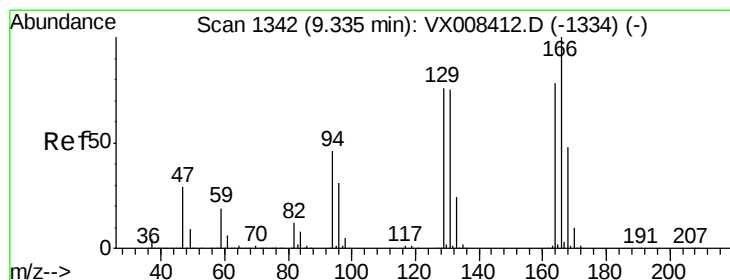
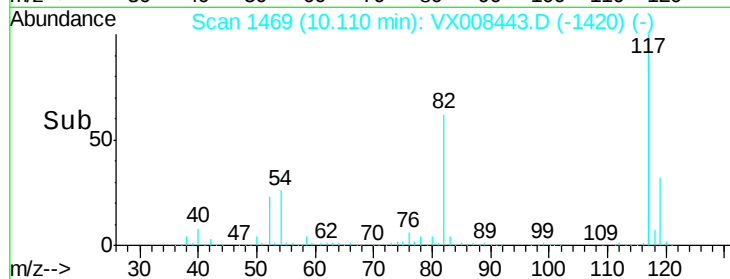
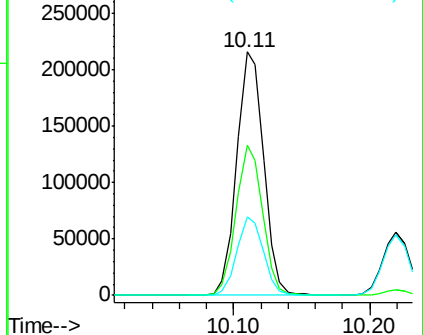
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 298321
Ion Ratio Lower Upper
117 100
82 61.7 49.4 74.2
119 32.0 25.4 38.0



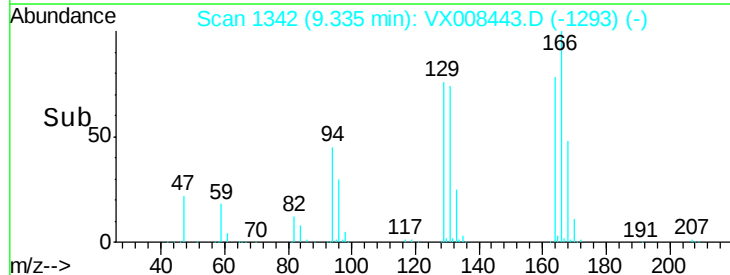
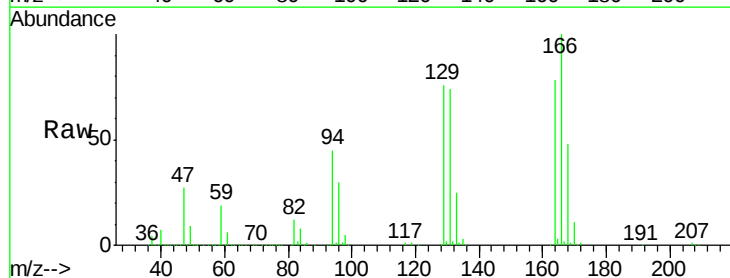
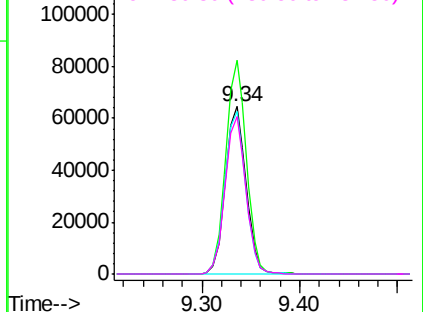
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

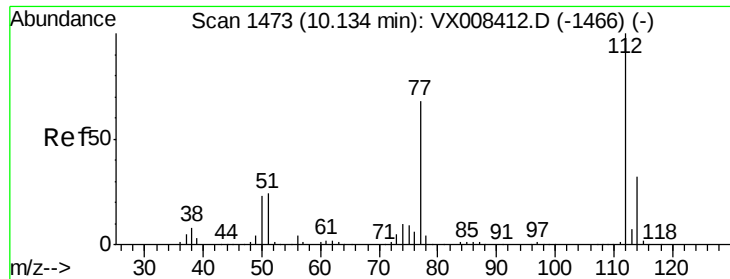


#64
Tetrachloroethene
Concen: 46.812 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

Tgt Ion:164 Resp: 94543
Ion Ratio Lower Upper
164 100
166 127.8 102.5 153.7
129 97.6 77.8 116.8
131 94.0 76.9 115.3

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

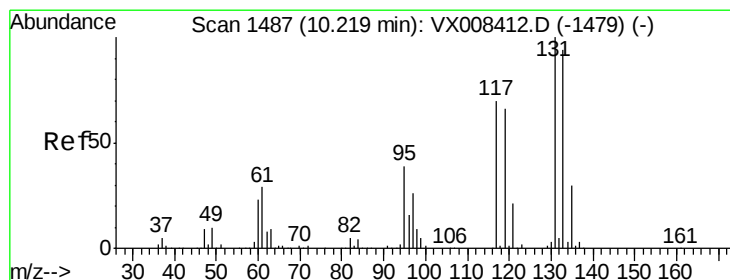
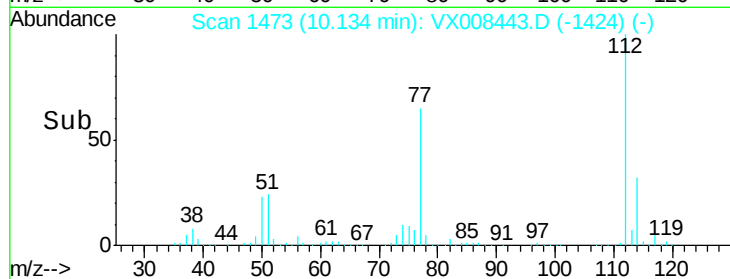
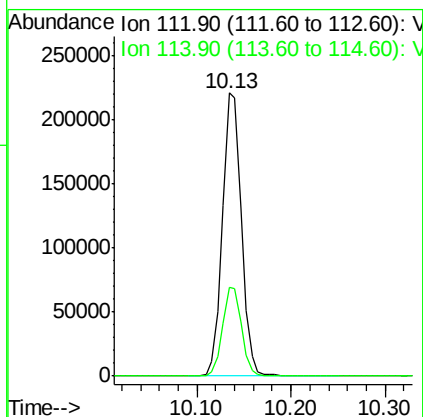
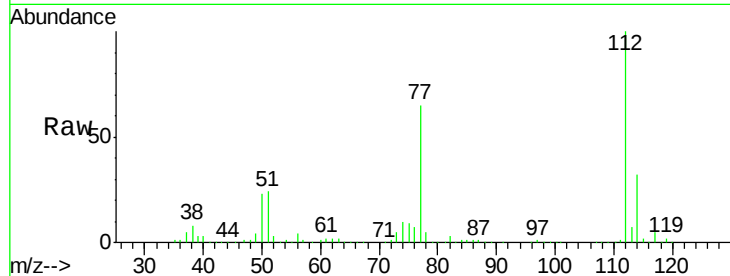




#65
Chlorobenzene
Concen: 47.486 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

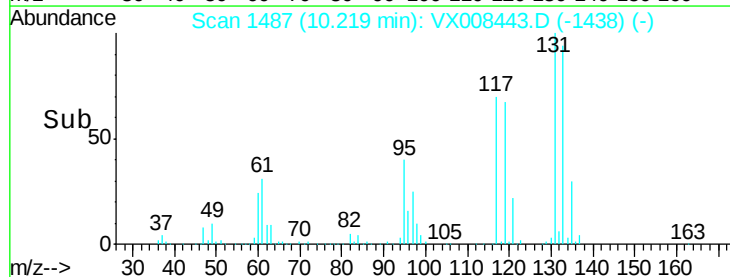
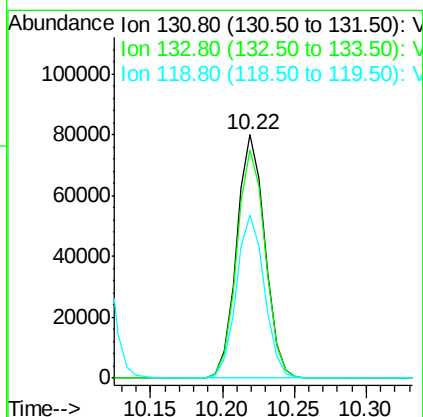
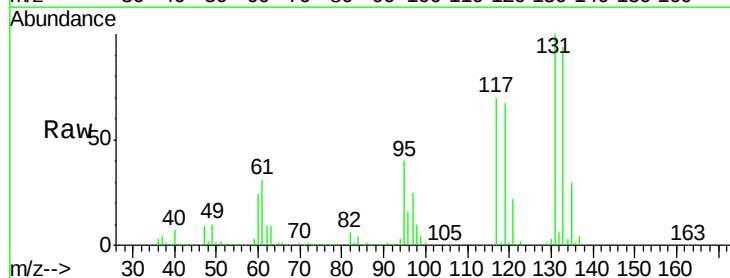
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

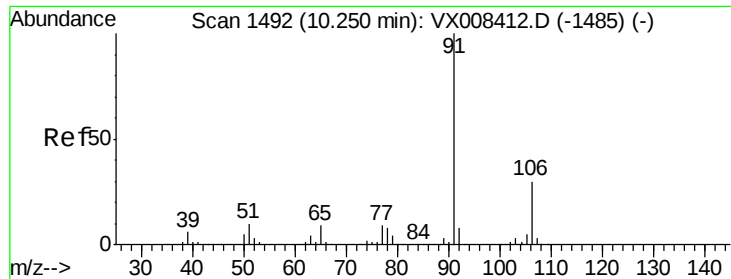
Tot Ion:112 Resp: 308072
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.627 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

Tgt Ion:131 Resp: 108840
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 66.9 33.6 100.6

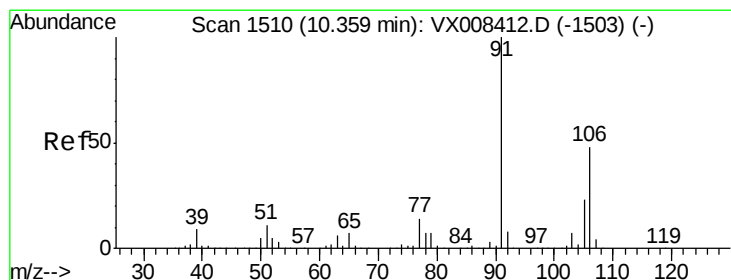
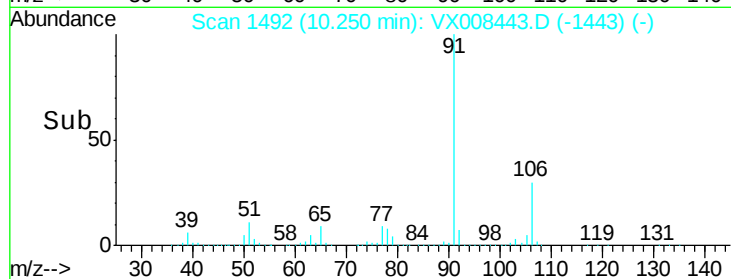
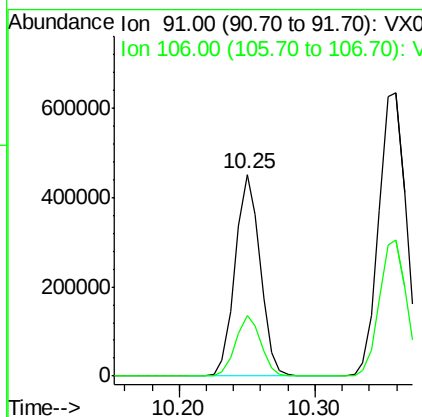
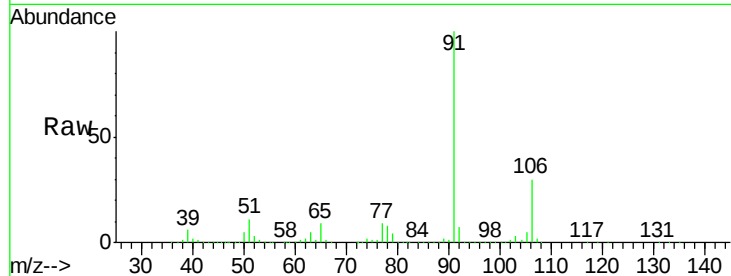




#67
Ethyl Benzene
Concen: 47.342 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

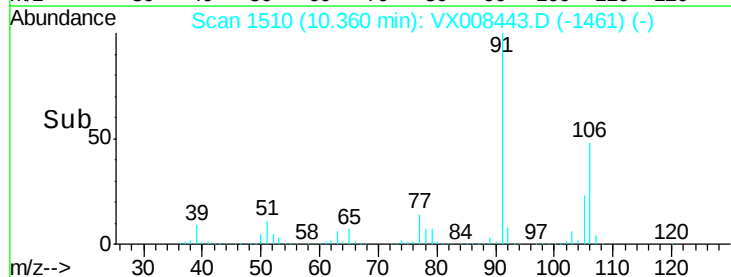
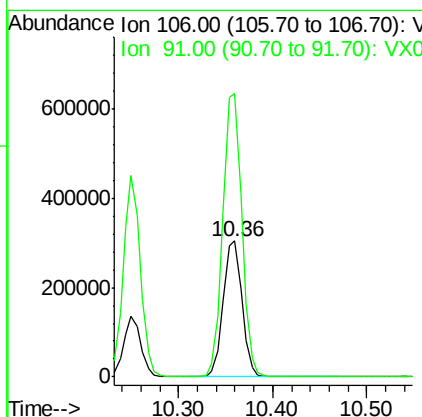
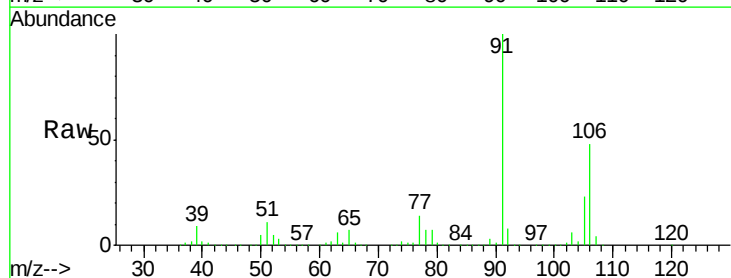
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

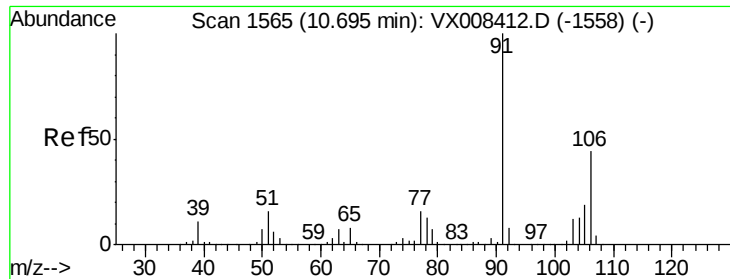
Tot Ion: 91 Resp: 579651
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0



#68
m/p-Xylenes
Concen: 94.650 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

Tgt Ion: 106 Resp: 421596
Ion Ratio Lower Upper
106 100
91 210.7 168.6 253.0

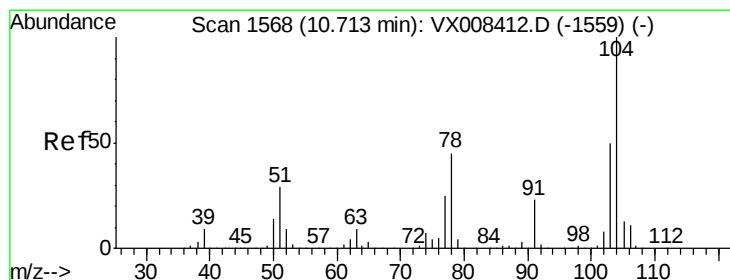
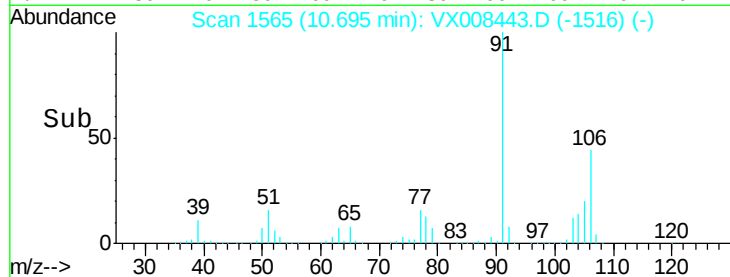
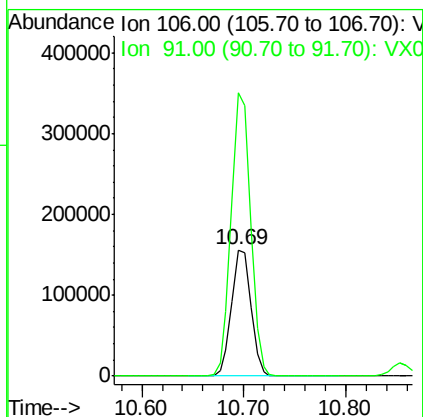
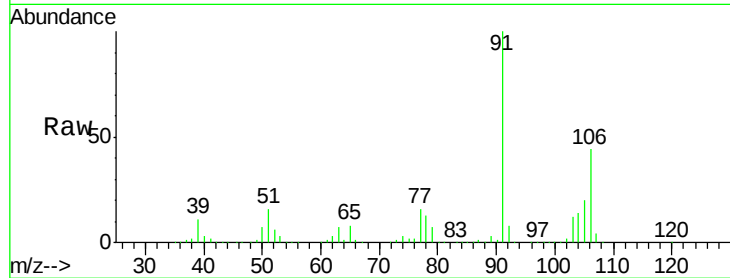




#69
o-Xylene
Concen: 47.609 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

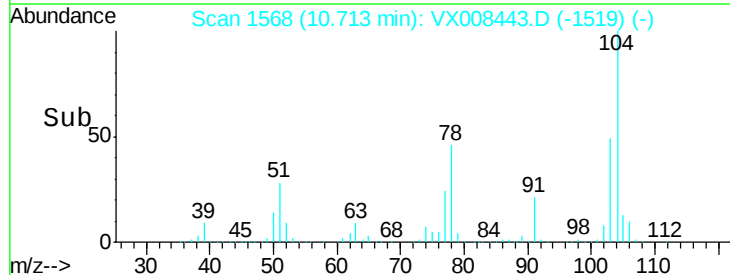
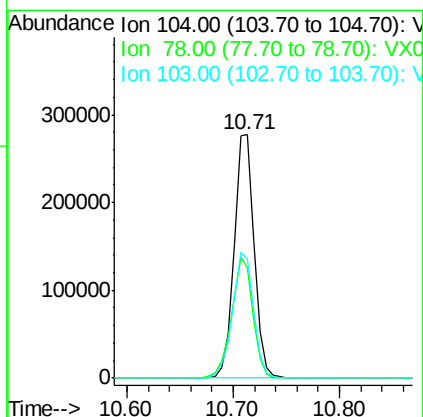
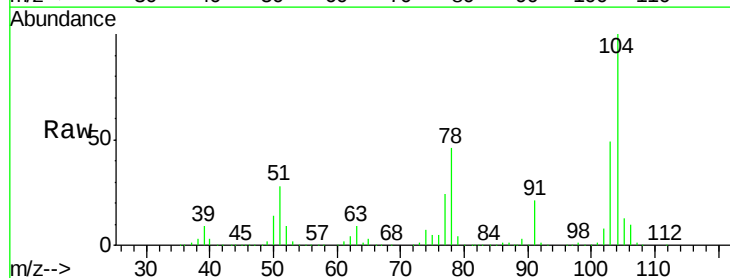
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

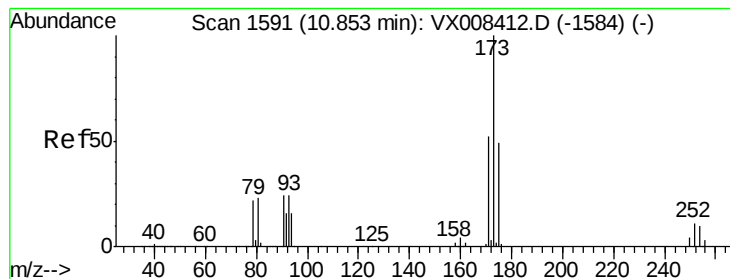
Tot Ion:106 Resp: 205792
Ion Ratio Lower Upper
106 100
91 223.8 111.4 334.2



#70
Styrene
Concen: 49.026 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

Tgt Ion:104 Resp: 366056
Ion Ratio Lower Upper
104 100
78 52.6 42.5 63.7
103 54.8 44.2 66.4





#71

Bromoform

Concen: 49.389 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

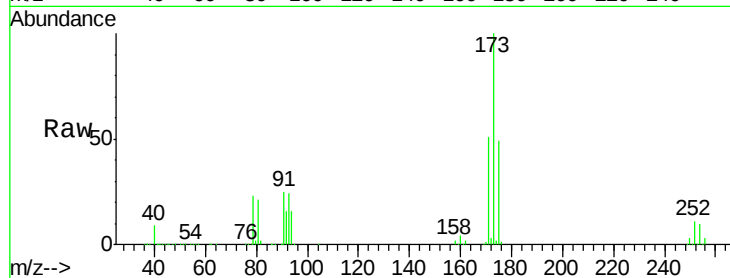
Tot Ion:173 Resp: 87302

Ion Ratio Lower Upper

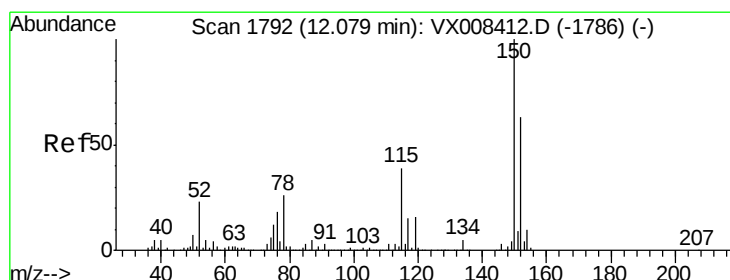
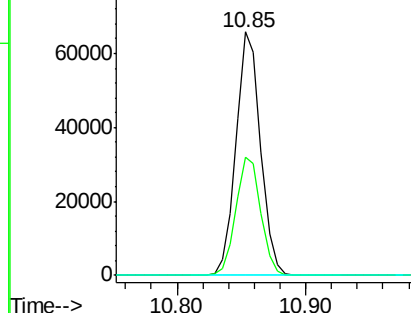
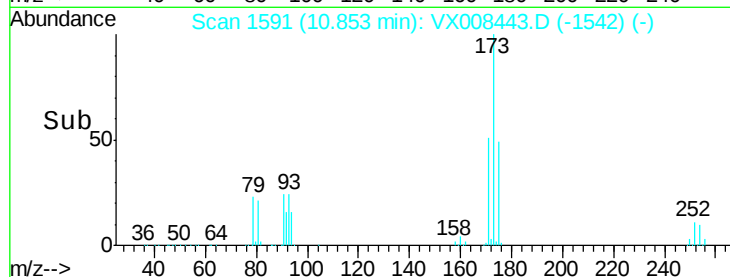
173 100

175 49.3 24.3 72.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

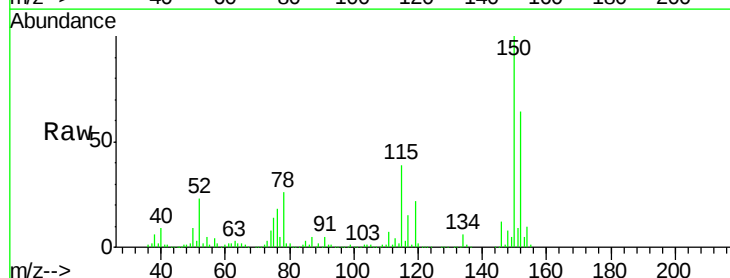
Tgt Ion:152 Resp: 143310

Ion Ratio Lower Upper

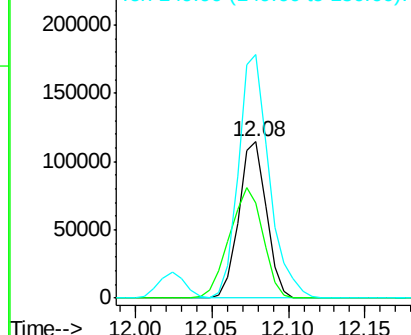
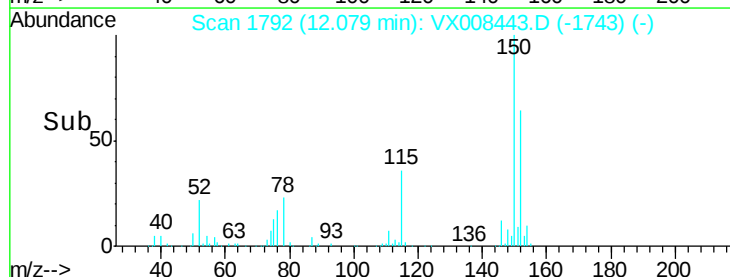
152 100

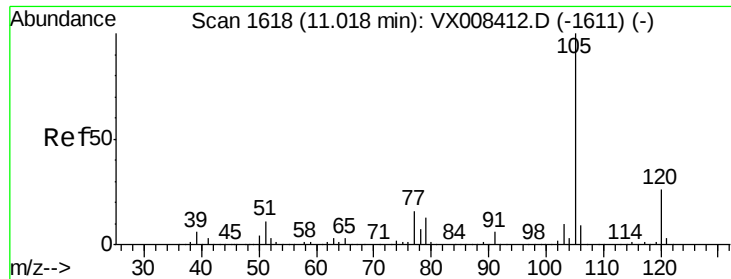
115 86.1 43.5 130.5

150 173.0 0.0 348.8



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





#73

Isopropylbenzene

Concen: 46.791 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

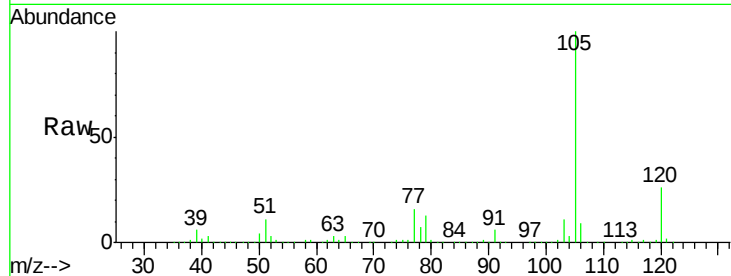
VSTDCCC050EC

Tot Ion:105 Resp: 545532

Ion Ratio Lower Upper

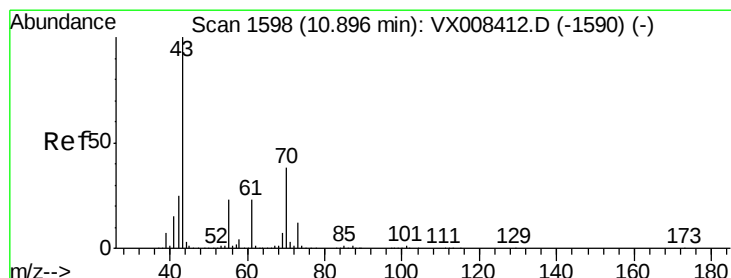
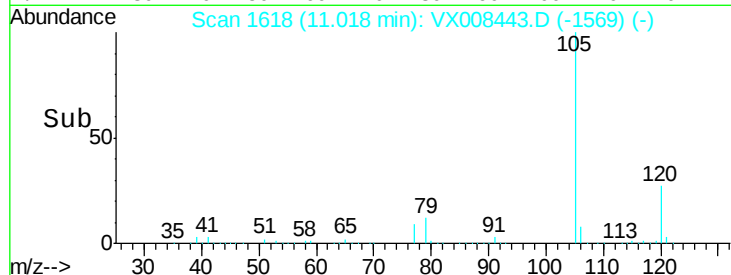
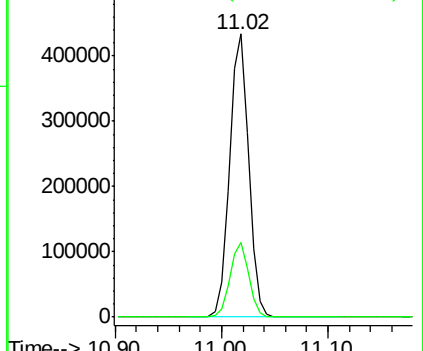
105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.032 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Tgt Ion: 43 Resp: 337636

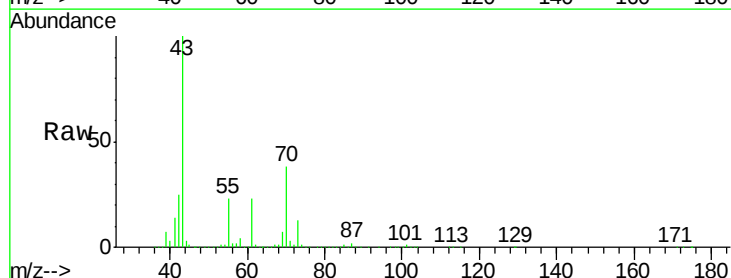
Ion Ratio Lower Upper

43 100

70 37.9 30.5 45.7

55 22.8 18.2 27.2

61 23.1 18.4 27.6

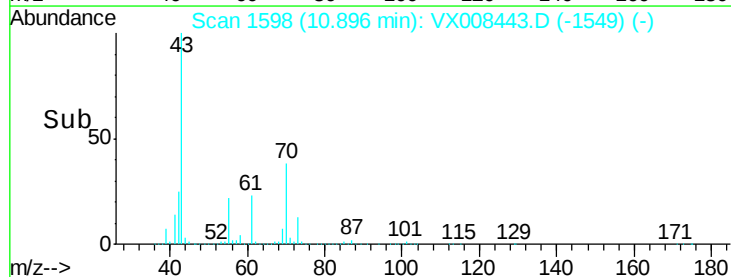
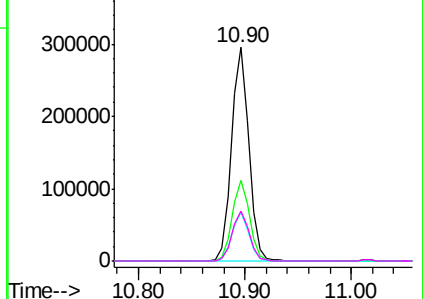


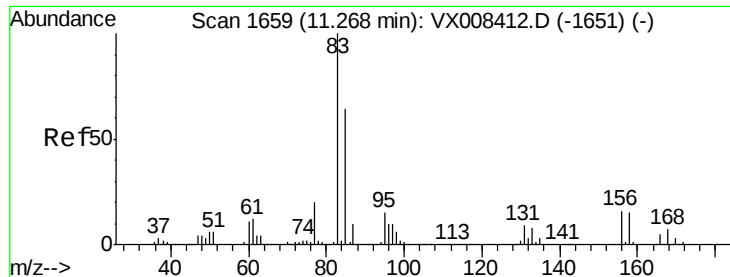
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.289 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

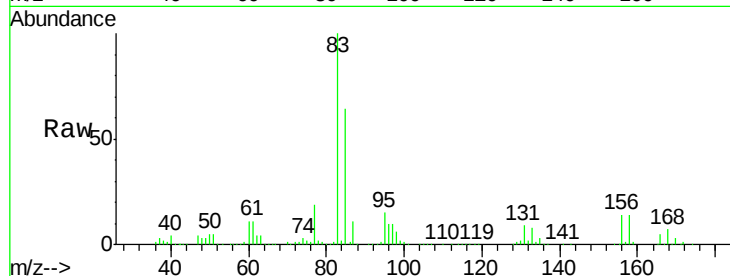
Tot Ion: 83 Resp: 213918

Ion Ratio Lower Upper

83 100

131 9.0 4.5 13.4

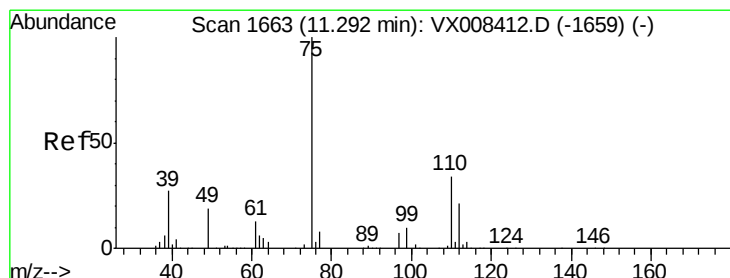
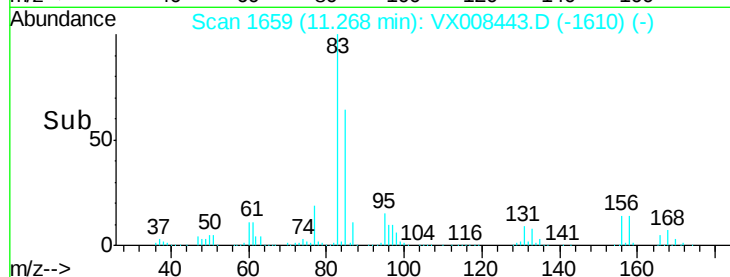
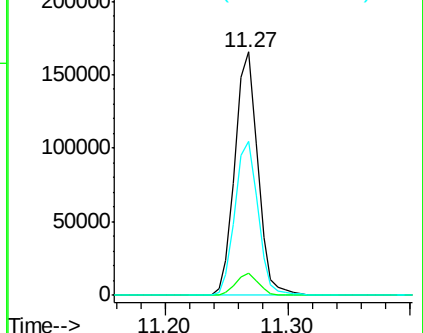
85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 55.100 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008443.D

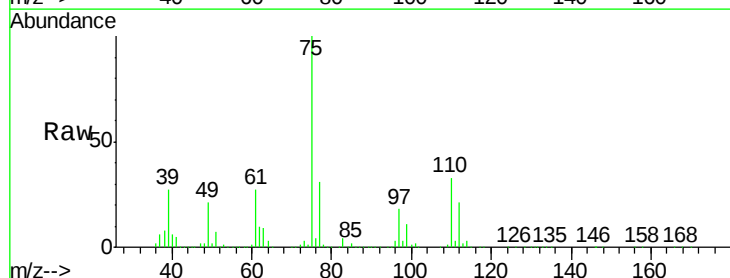
Acq: 26 Mar 2019 04:21

Tgt Ion: 75 Resp: 234754

Ion Ratio Lower Upper

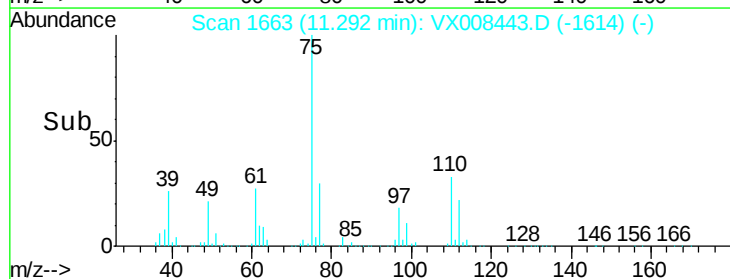
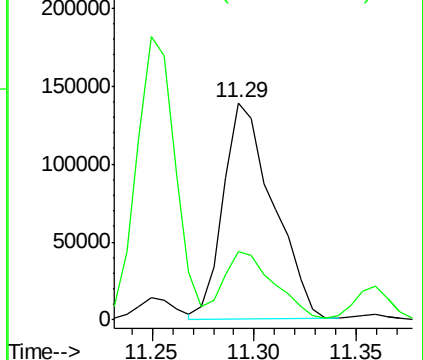
75 100

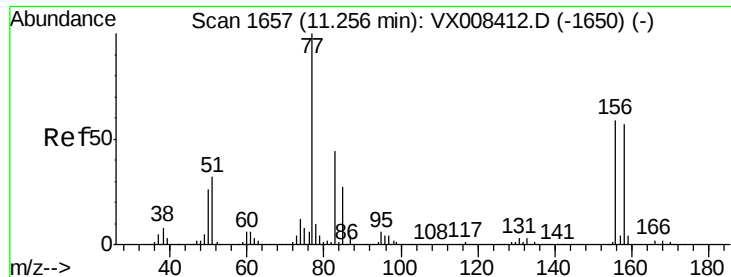
77 32.2 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.178 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

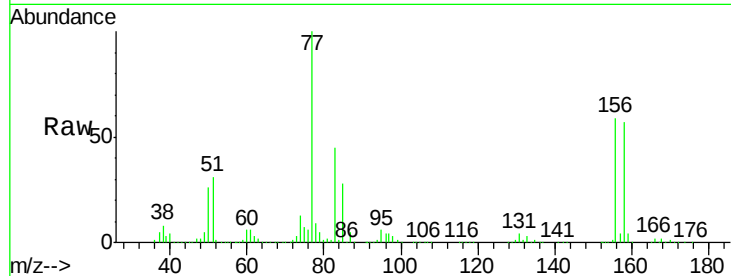
Tot Ion:156 Resp: 130668

Ion Ratio Lower Upper

156 100

77 182.9 91.1 273.3

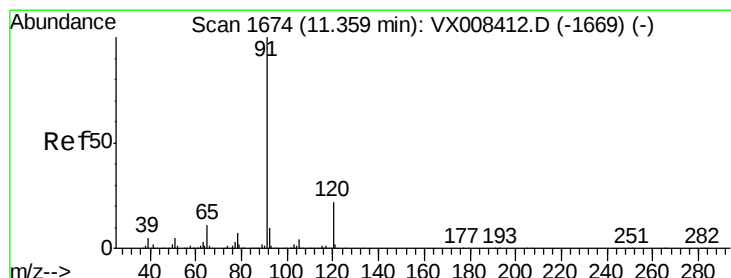
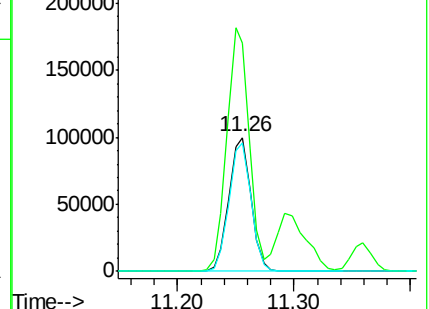
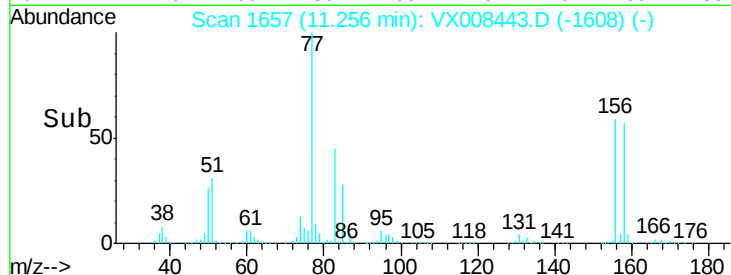
158 96.4 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.368 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008443.D

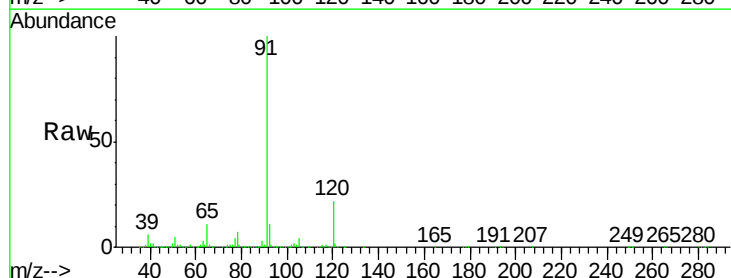
Acq: 26 Mar 2019 04:21

Tgt Ion: 91 Resp: 646944

Ion Ratio Lower Upper

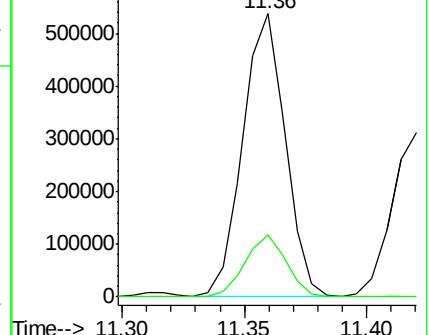
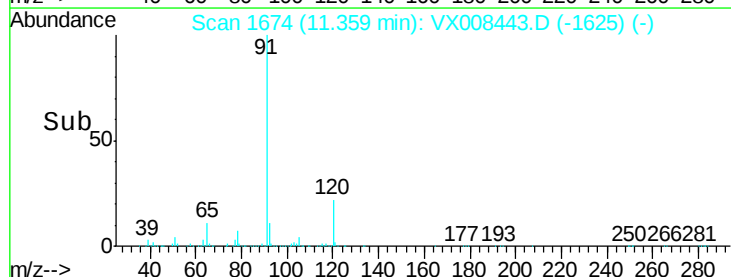
91 100

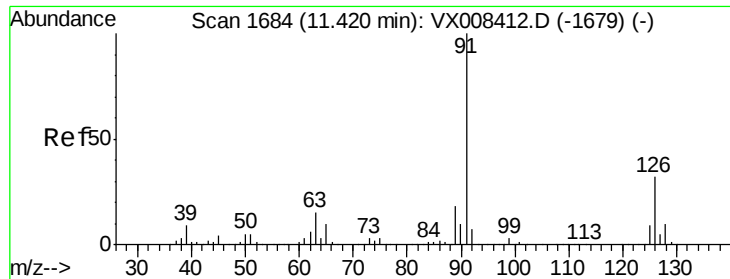
120 21.4 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

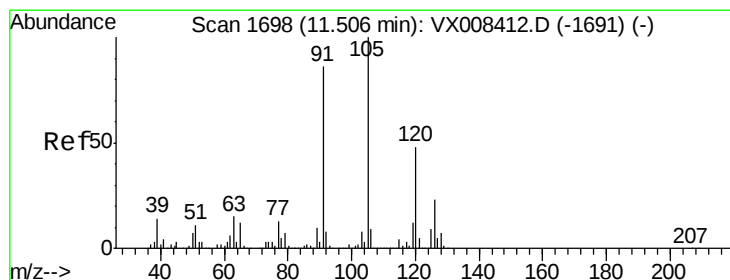
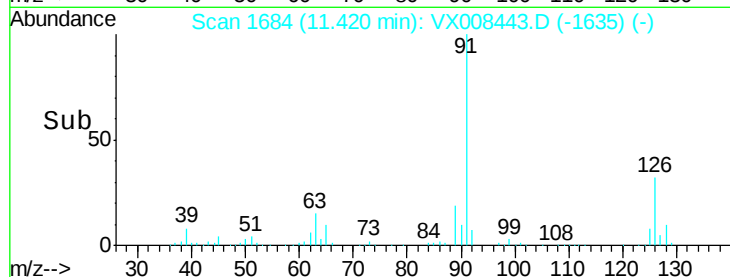
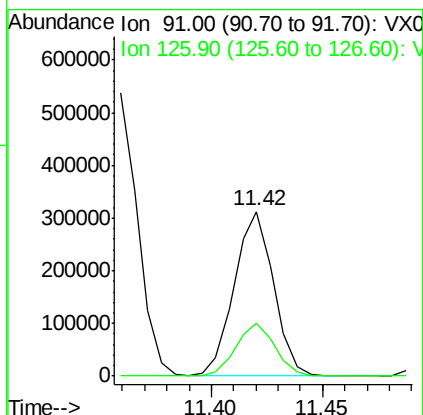
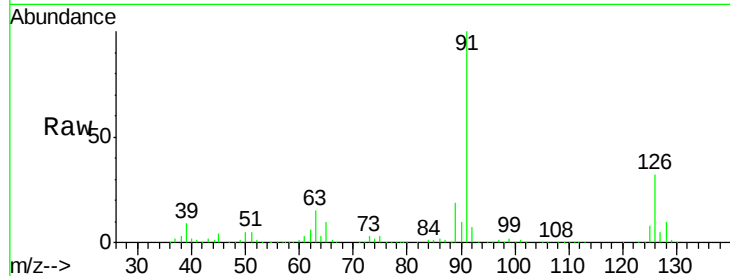




#79
 2-Chlorotoluene
 Concen: 46.309 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

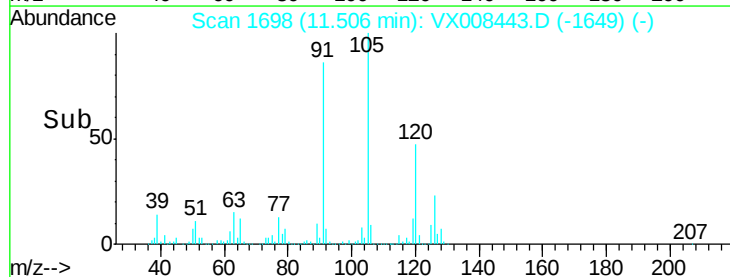
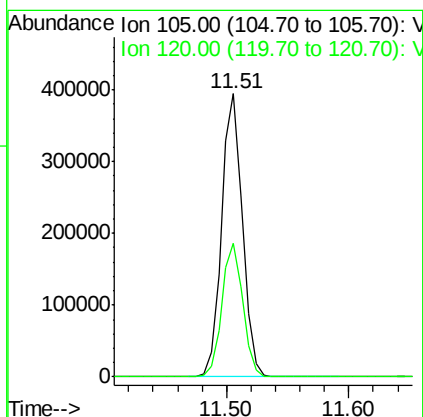
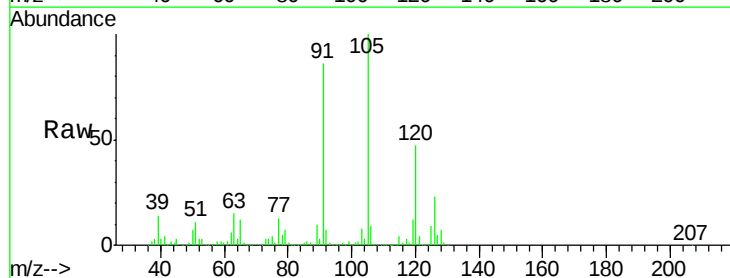
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

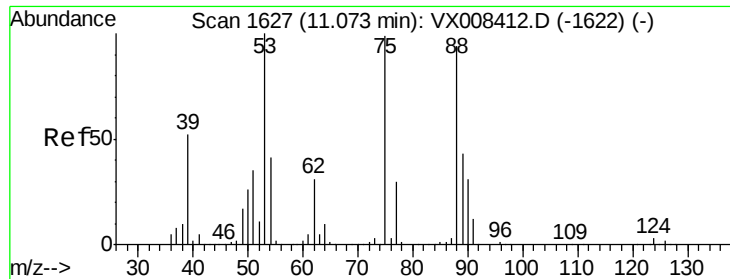
Tot Ion: 91 Resp: 384694
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 47.113 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Tgt Ion: 105 Resp: 464382
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.3

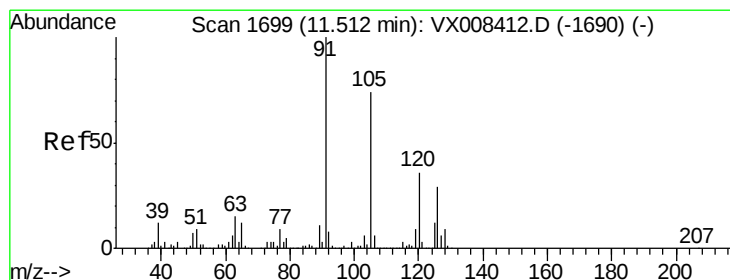
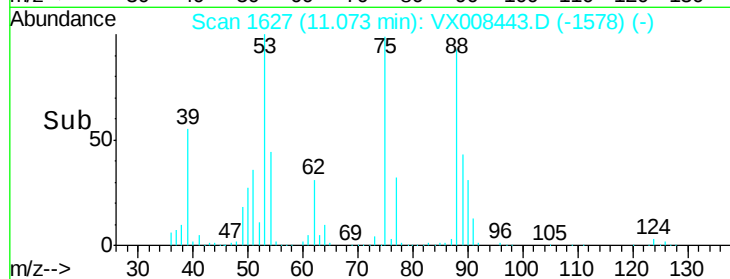
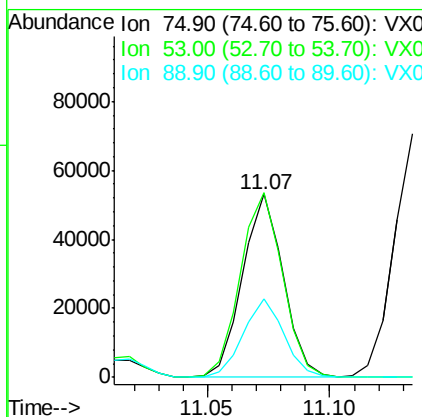
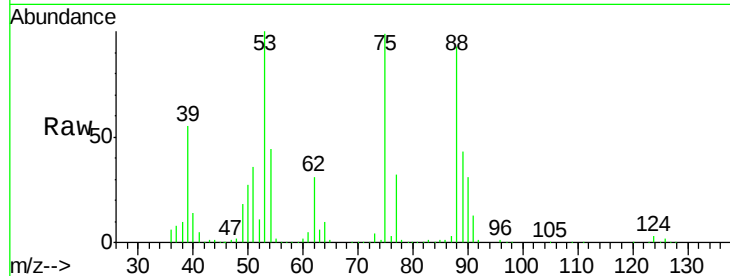




#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.285 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

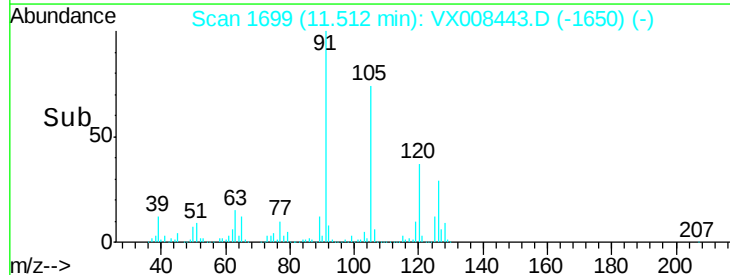
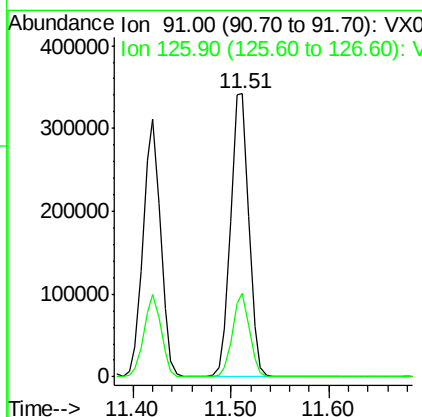
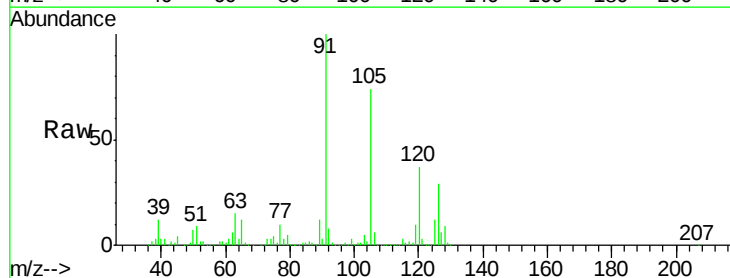
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

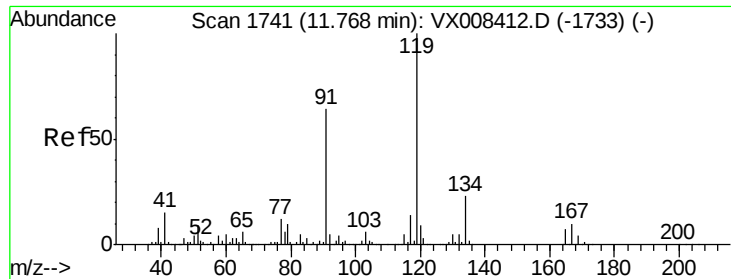
Tot Ion: 75 Resp: 61569
 Ion Ratio Lower Upper
 75 100
 53 104.5 82.1 123.1
 89 43.1 34.6 52.0



#82
 4-Chlorotoluene
 Concen: 46.403 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Tgt Ion: 91 Resp: 444648
 Ion Ratio Lower Upper
 91 100
 126 27.7 13.9 41.7

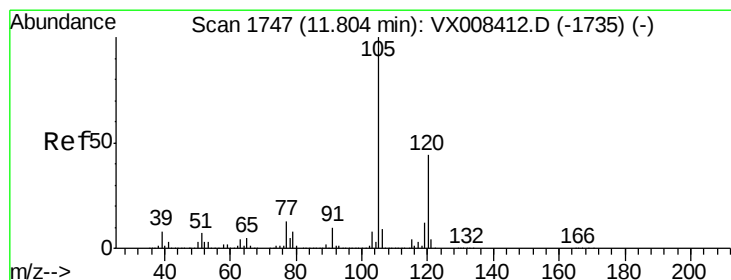
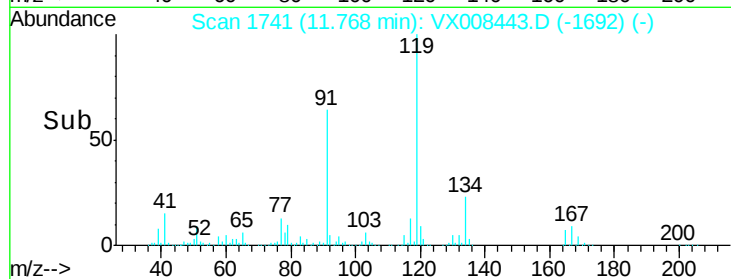
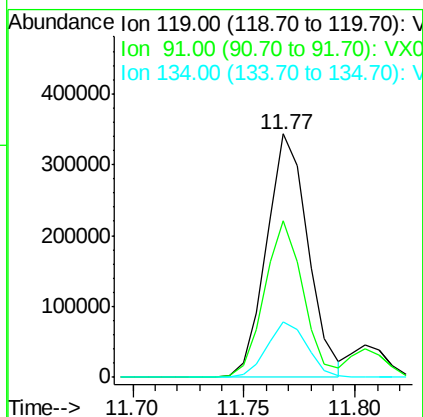
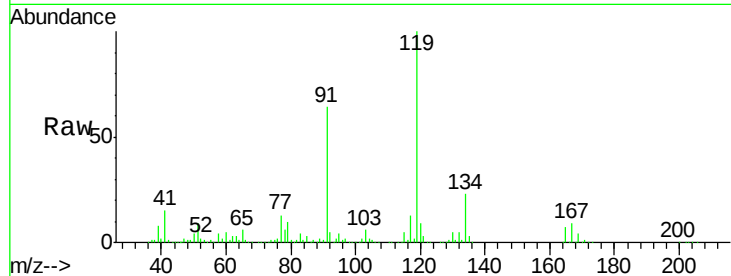




#83
 tert-Butylbenzene
 Concen: 46.650 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

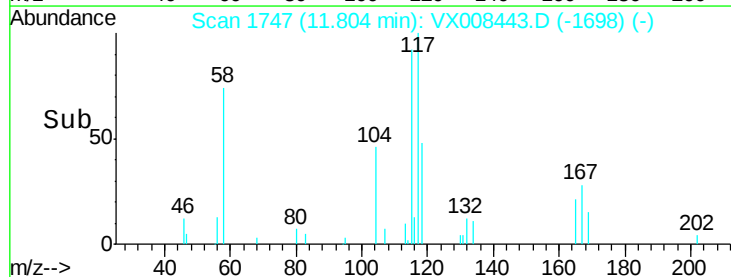
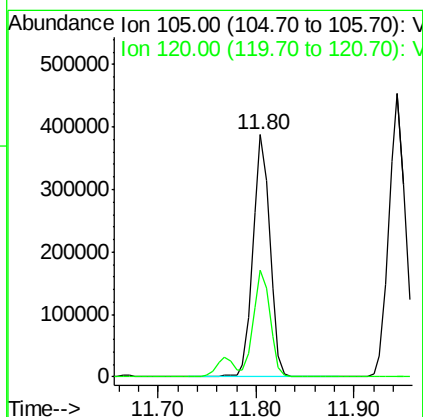
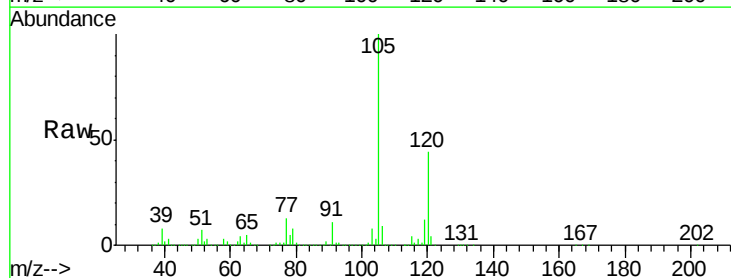
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

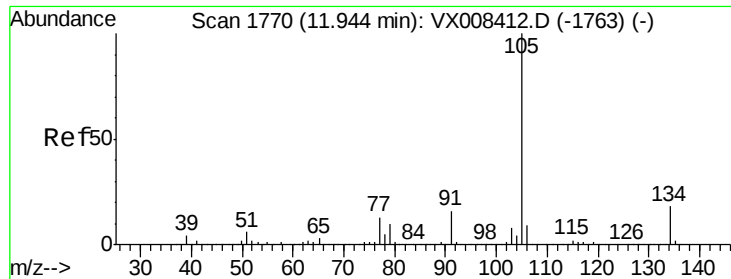
Tot Ion:119 Resp: 443628
 Ion Ratio Lower Upper
 119 100
 91 60.4 30.1 90.3
 134 22.1 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 46.732 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Tgt Ion:105 Resp: 465903
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.6 65.0





#85

sec-Butylbenzene

Concen: 46.802 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

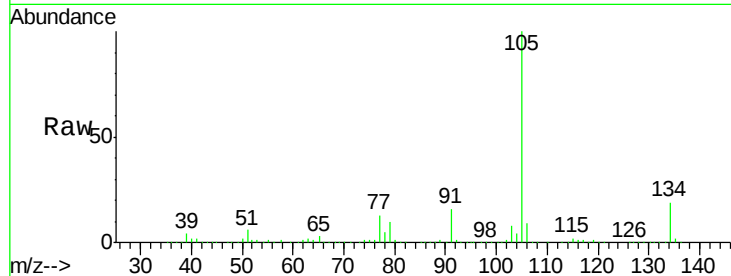
VSTDCCC050EC

Tot Ion:105 Resp: 530031

Ion Ratio Lower Upper

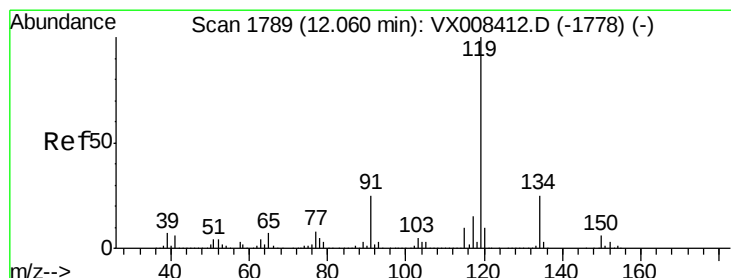
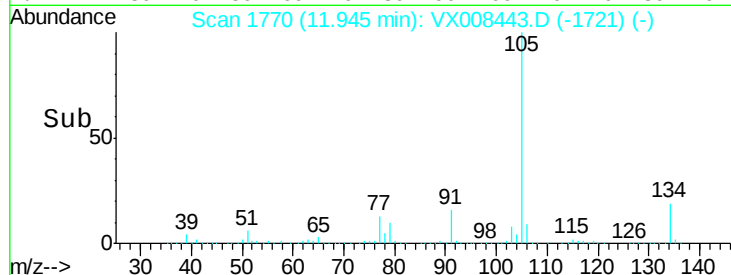
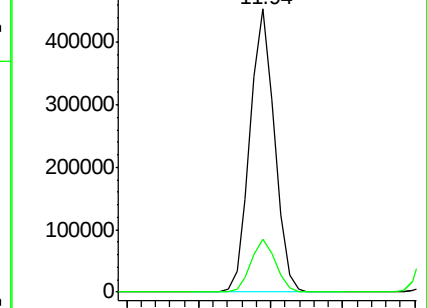
105 100

134 18.8 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.655 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

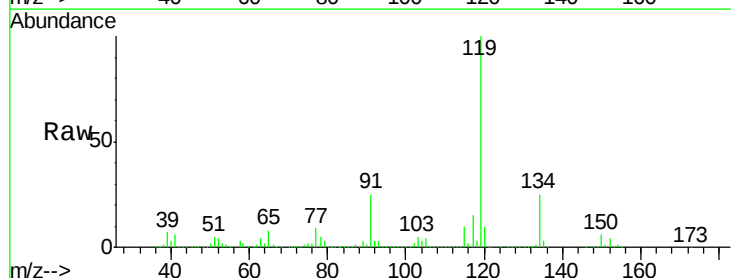
Tgt Ion:119 Resp: 476216

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

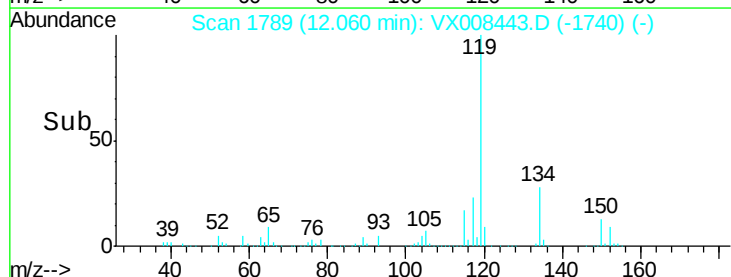
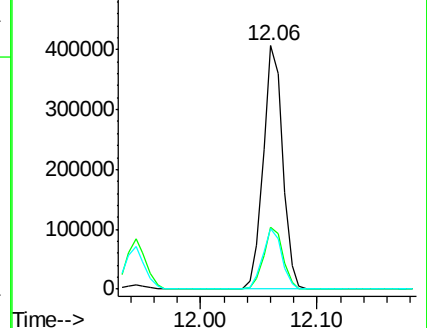
91 24.6 12.4 37.0

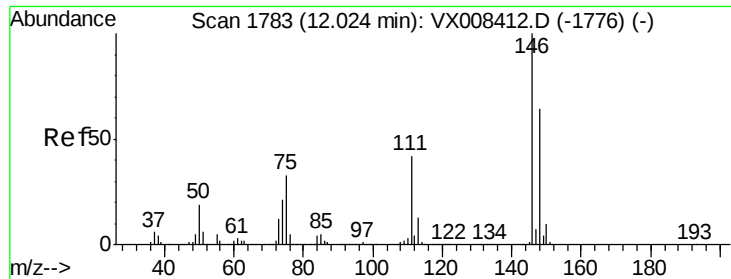


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.124 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

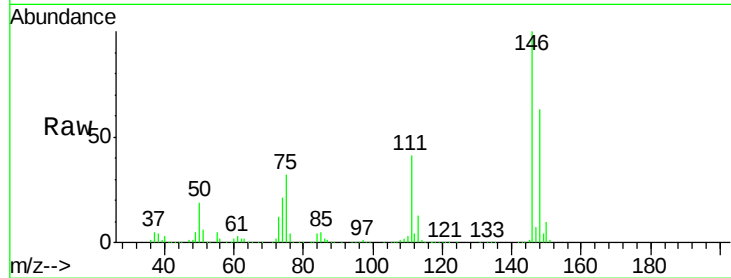
Tot Ion:146 Resp: 233192

Ion Ratio Lower Upper

146 100

111 41.8 20.8 62.5

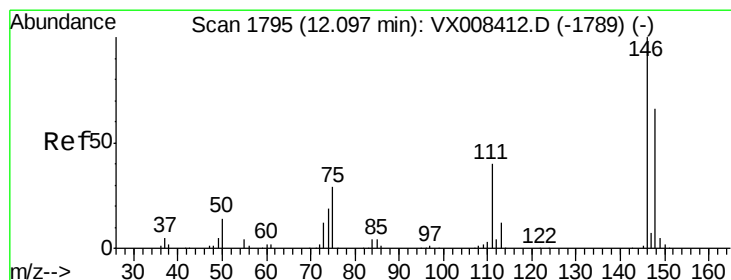
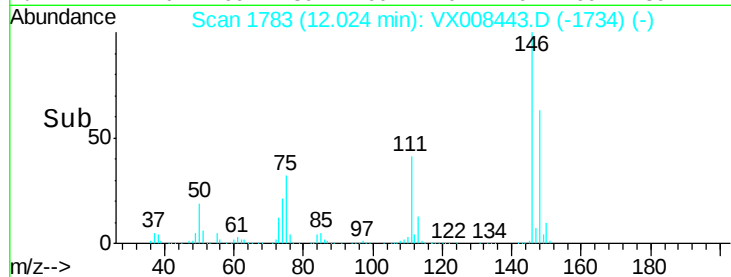
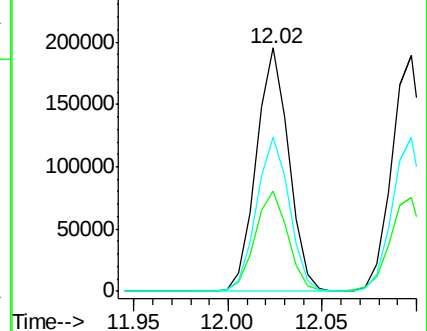
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.637 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

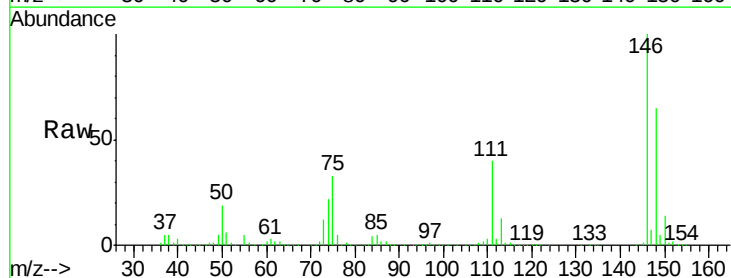
Tgt Ion:146 Resp: 232858

Ion Ratio Lower Upper

146 100

111 40.9 20.3 61.0

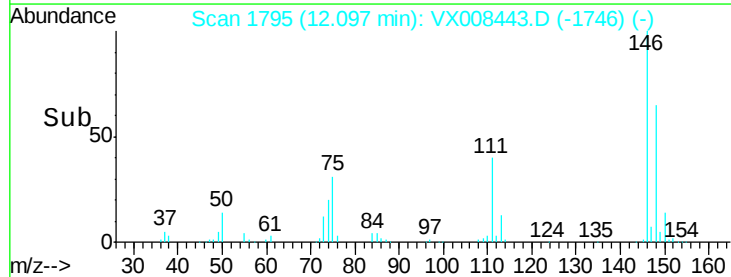
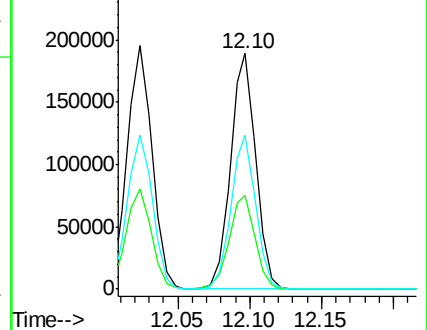
148 64.1 32.1 96.5

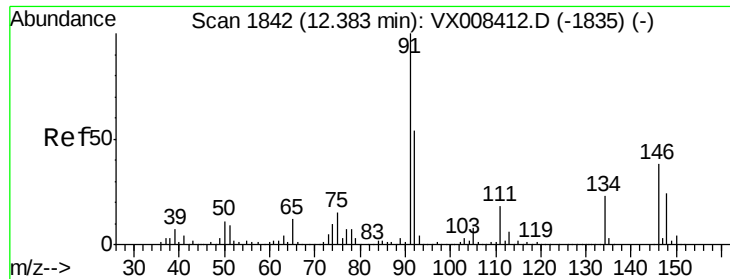


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

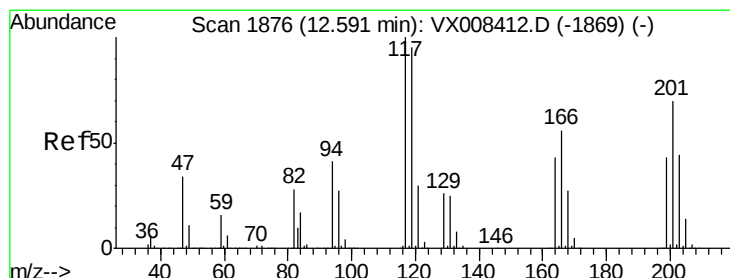
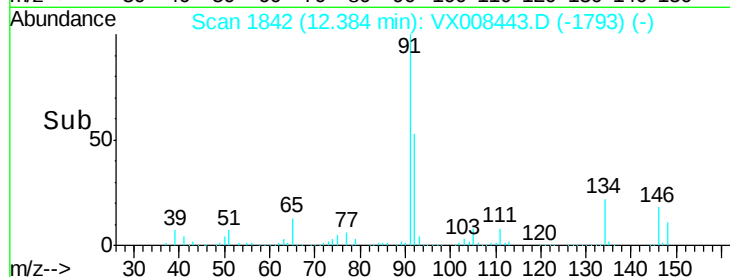
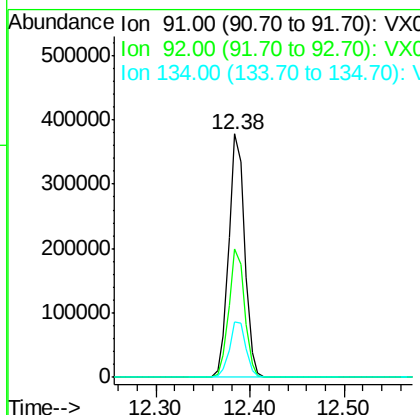
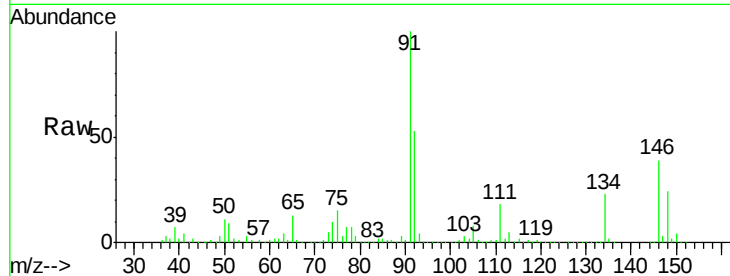




#89
n-Butylbenzene
Concen: 46.752 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

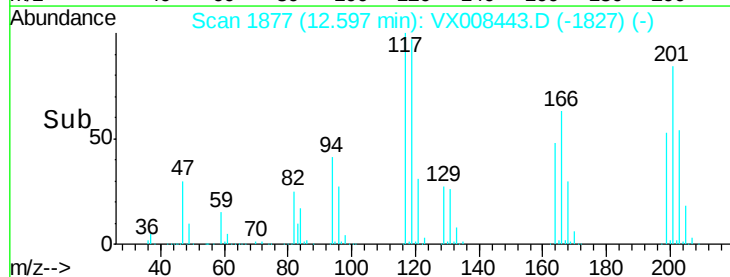
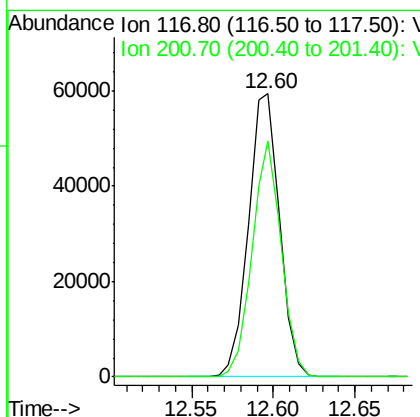
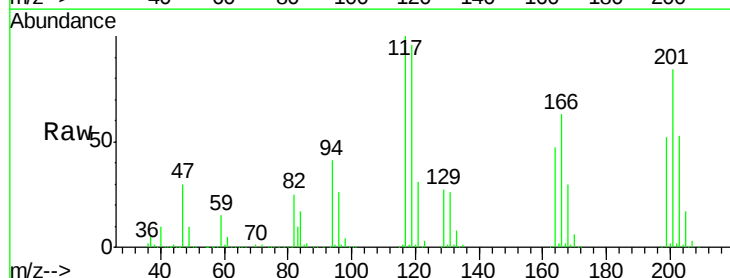
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

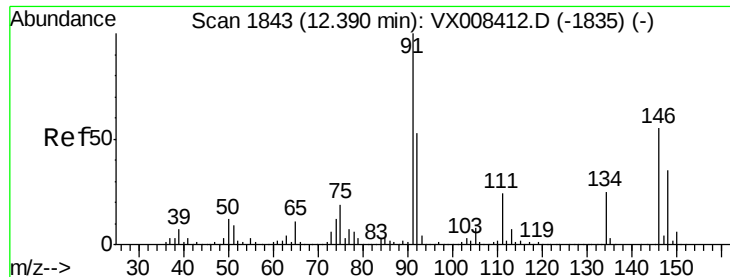
Tot Ion: 91 Resp: 442564
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.5
134 23.6 11.8 35.4



#90
Hexachloroethane
Concen: 47.524 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008443.D
Acq: 26 Mar 2019 04:21

Tgt Ion: 117 Resp: 79117
Ion Ratio Lower Upper
117 100
201 77.5 39.4 118.1

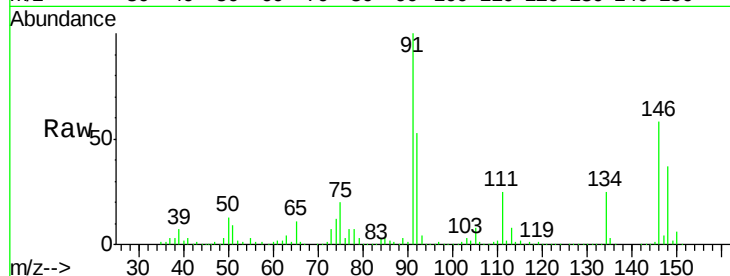




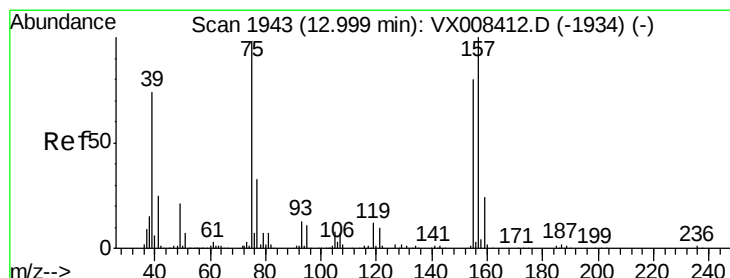
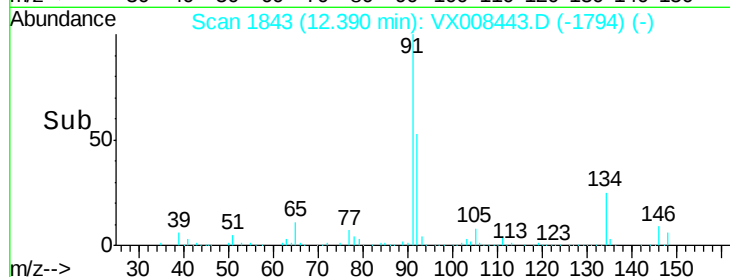
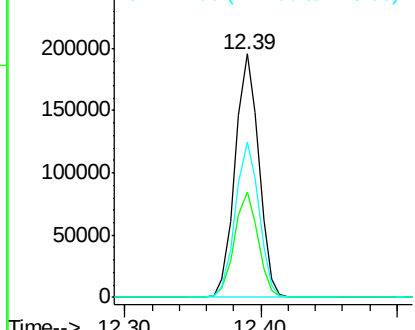
#91
 1,2-Dichlorobenzene
 Concen: 46.846 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 237179
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.6 64.6
 148 63.6 31.9 95.7

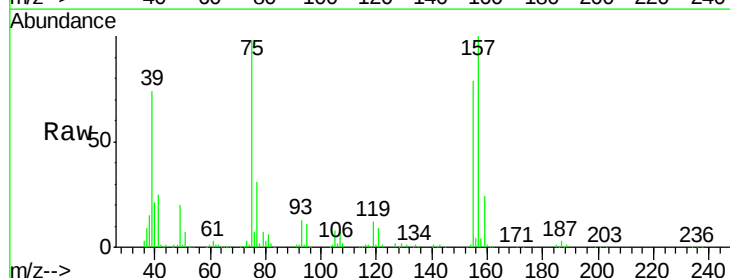


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

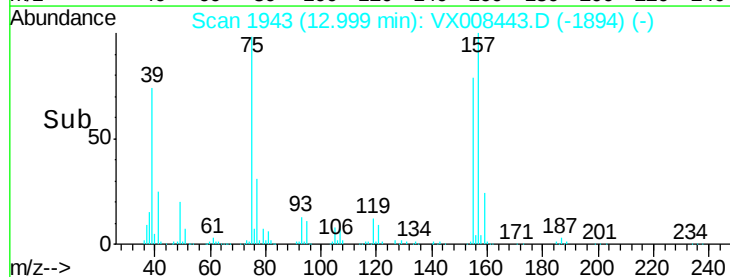
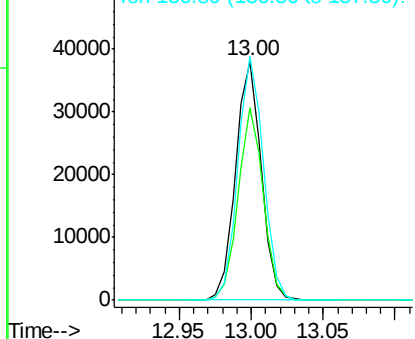


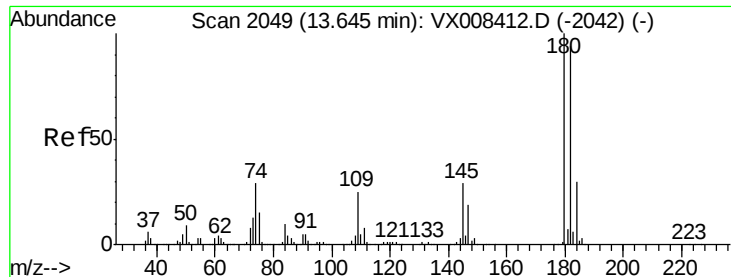
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.073 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Tgt Ion: 75 Resp: 47417
 Ion Ratio Lower Upper
 75 100
 155 78.5 39.5 118.5
 157 101.2 49.9 149.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

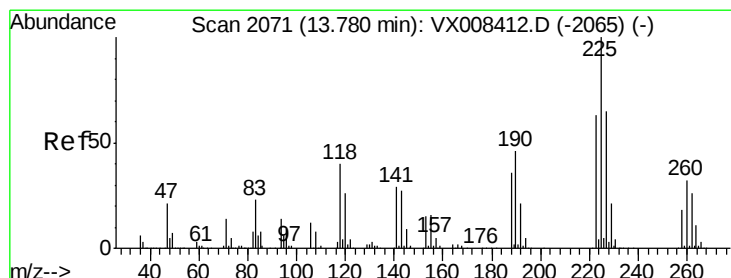
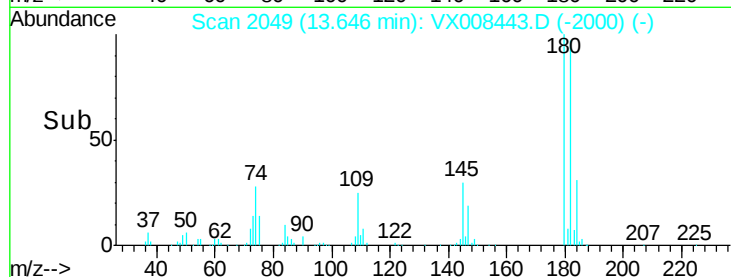
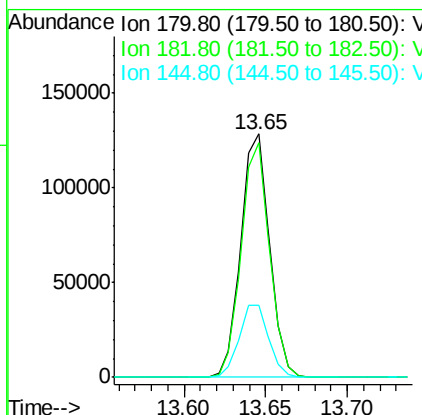
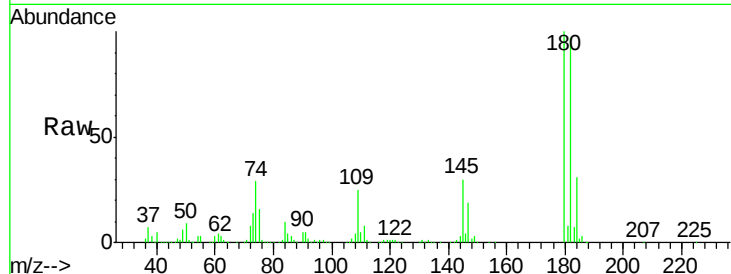




#93
 1,2,4-Trichlorobenzene
 Concen: 46.491 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

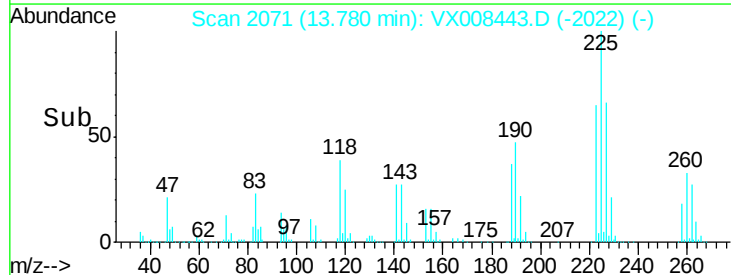
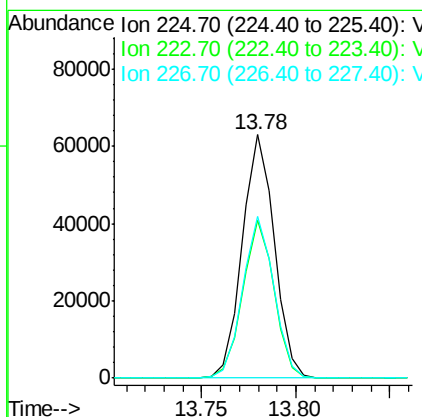
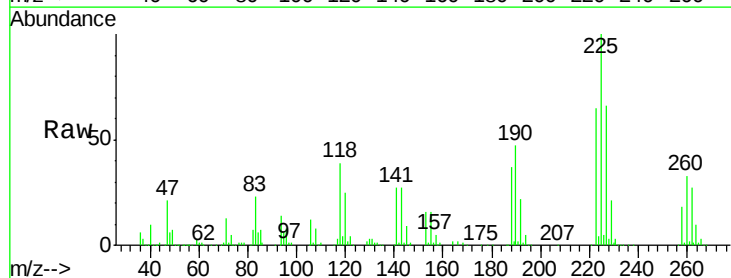
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

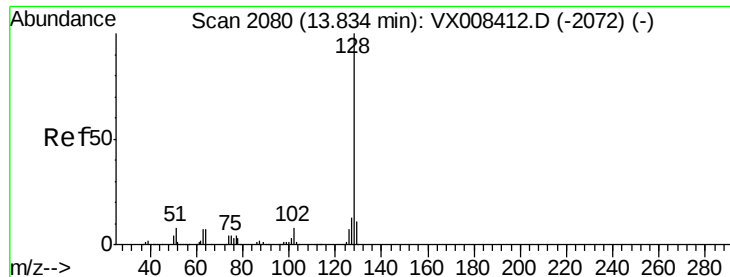
Tot Ion:180 Resp: 158471
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 142.0
 145 30.6 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 45.852 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008443.D
 Acq: 26 Mar 2019 04:21

Tgt Ion:225 Resp: 74213
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.4 94.0
 227 65.0 31.9 95.9





#95

Naphthalene

Concen: 48.110 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

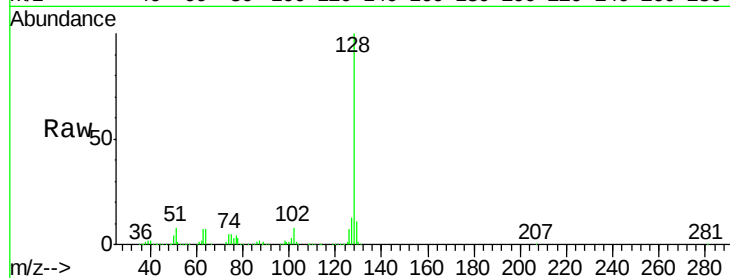
Tot Ion:128 Resp: 562230

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

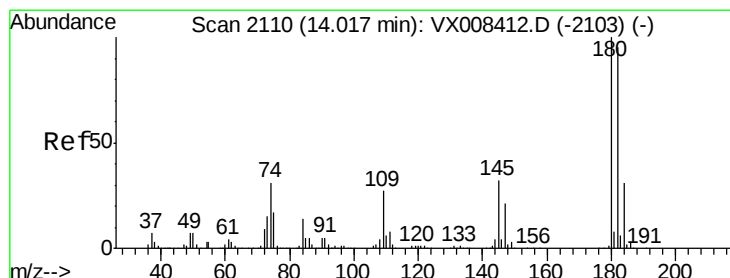
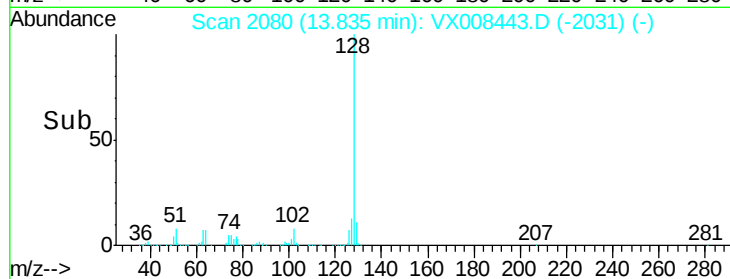
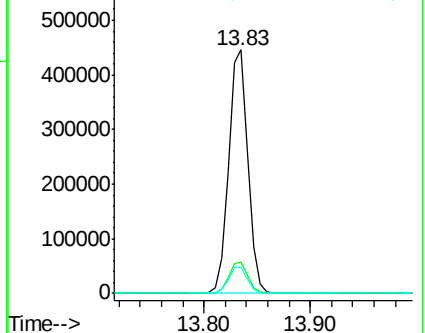
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.531 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008443.D

Acq: 26 Mar 2019 04:21

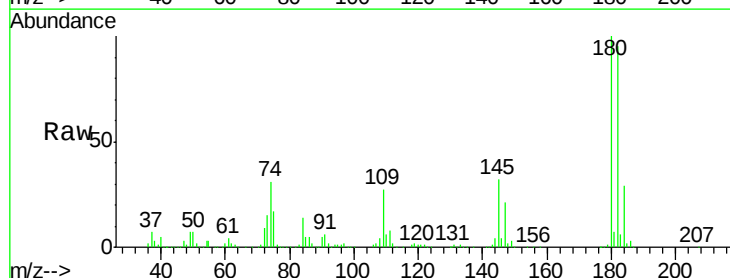
Tgt Ion:180 Resp: 159379

Ion Ratio Lower Upper

180 100

182 96.3 47.3 142.0

145 32.5 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

