

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008444.D
 Acq On : 26 Mar 2019 04:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 26 06:12:01 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	192345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334729	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143214	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	148067	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
35) Dibromofluoromethane	5.50	113	110676	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
50) Toluene-d8	8.71	98	437944	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	163273	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	98221	43.322	ug/l	100
3) Chloromethane	1.32	50	133125	46.483	ug/l	99
4) Vinyl Chloride	1.40	62	143133	45.215	ug/l	100
5) Bromomethane	1.64	94	58633	35.822	ug/l	97
6) Chloroethane	1.71	64	97995	52.255	ug/l	97
7) Trichlorofluoromethane	1.92	101	164766	45.956	ug/l	98
8) Diethyl Ether	2.18	74	79089	46.612	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	96287	44.438	ug/l	99
10) Methyl Iodide	2.51	142	63617	31.812	ug/l	99
11) Tert butyl alcohol	3.06	59	171434	265.352	ug/l	99
12) 1,1-Dichloroethene	2.37	96	104550	46.722	ug/l	97
13) Acrolein	2.29	56	132775	283.003	ug/l	98
14) Allyl chloride	2.73	41	229882	46.630	ug/l	99
15) Acrylonitrile	3.14	53	409427	241.680	ug/l	100
16) Acetone	2.45	43	353739	232.103	ug/l	99
17) Carbon Disulfide	2.57	76	311179	41.920	ug/l	100
18) Methyl Acetate	2.77	43	177894	48.600	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	392241	48.642	ug/l	99
20) Methylene Chloride	2.85	84	125350	50.399	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	110587	49.594	ug/l	100
22) Diisopropyl ether	3.85	45	465890	47.994	ug/l	99
23) Vinyl Acetate	3.81	43	2081314	245.756	ug/l	99
24) 1,1-Dichloroethane	3.70	63	235179	47.988	ug/l	99
25) 2-Butanone	4.67	43	604165	247.270	ug/l	99
26) 2,2-Dichloropropane	4.58	77	123272	37.818	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	129734	47.412	ug/l	98
28) Bromochloromethane	5.01	49	114915	47.462	ug/l	99
29) Tetrahydrofuran	5.13	42	395708	245.729	ug/l	100
30) Chloroform	5.21	83	213006	48.161	ug/l	99
31) Cyclohexane	5.58	56	217661	46.568	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	172570	48.814	ug/l	99
36) 1,1-Dichloropropene	5.80	75	160852	45.070	ug/l	98
37) Ethyl Acetate	4.83	43	227546	49.215	ug/l	99
38) Carbon Tetrachloride	5.79	117	142215	47.749	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191116	44.808	ug/l	99
40) Benzene	6.14	78	501151	46.904	ug/l	99
41) Methacrylonitrile	5.04	41	129197	49.724	ug/l	99
42) 1,2-Dichloroethane	6.19	62	180765	46.208	ug/l	99
43) Isopropyl Acetate	6.45	43	363588	49.164	ug/l	100
44) Trichloroethene	7.21	130	114461	45.625	ug/l	100
45) 1,2-Dichloropropane	7.51	63	143664	47.305	ug/l	99
46) Dibromomethane	7.66	93	82775	46.675	ug/l	100
47) Bromodichloromethane	7.90	83	167137	49.238	ug/l	96
48) Methyl methacrylate	7.77	41	183703	49.645	ug/l	99
49) 1,4-Dioxane	7.74	88	75330	1023.851	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1211171	252.152	ug/l	100
52) Toluene	8.78	92	303895	47.568	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	179082	48.166	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	201758	47.721	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	124121	47.728	ug/l	100
56) Ethyl methacrylate	9.18	69	235167	50.096	ug/l	99
57) 1,3-Dichloropropane	9.37	76	219634	47.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	578591	238.441	ug/l	100
59) 2-Hexanone	9.49	43	946942	254.425	ug/l	99
60) Dibromochloromethane	9.58	129	122110	49.373	ug/l	98
61) 1,2-Dibromoethane	9.67	107	127567	48.067	ug/l	99
64) Tetrachloroethene	9.34	164	94250	45.965	ug/l	98
65) Chlorobenzene	10.13	112	310326	47.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	110019	48.414	ug/l	100
67) Ethyl Benzene	10.25	91	588415	47.335	ug/l	100
68) m/p-Xylenes	10.36	106	422075	93.331	ug/l	100
69) o-Xylene	10.69	106	207075	47.185	ug/l	100
70) Styrene	10.71	104	364511	48.084	ug/l	100
71) Bromoform	10.85	173	89717	49.992	ug/l #	99
73) Isopropylbenzene	11.02	105	551876	47.367	ug/l	99
74) N-amyl acetate	10.90	43	337704	50.076	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	214197	47.382	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	238229	55.953	ug/l	82
77) Bromobenzene	11.26	156	130134	46.021	ug/l	99
78) n-propylbenzene	11.36	91	645164	47.270	ug/l	100
79) 2-Chlorotoluene	11.42	91	388649	46.816	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	464060	47.112	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62489	47.008	ug/l	98
82) 4-Chlorotoluene	11.51	91	444380	46.406	ug/l	100
83) tert-Butylbenzene	11.77	119	445798	46.909	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	467146	46.888	ug/l	100
85) sec-Butylbenzene	11.94	105	532562	47.057	ug/l	99
86) p-Isopropyltoluene	12.06	119	476665	47.732	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233269	46.170	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	232562	45.610	ug/l	100
89) n-Butylbenzene	12.38	91	438948	46.401	ug/l	100
90) Hexachloroethane	12.60	117	81216	48.818	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	234709	46.390	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47696	48.388	ug/l	99

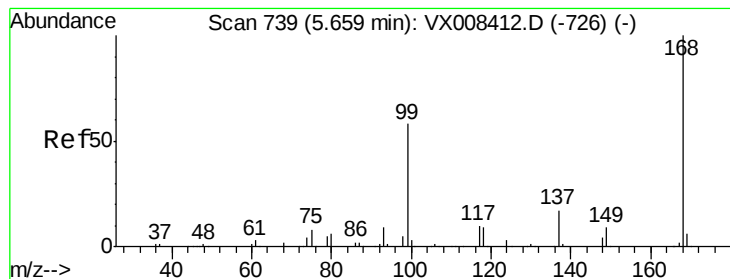
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	159653	46.869	ug/l	99
94) Hexachlorobutadiene	13.78	225	74842	46.272	ug/l	100
95) Naphthalene	13.83	128	566068	48.471	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	159893	46.713	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

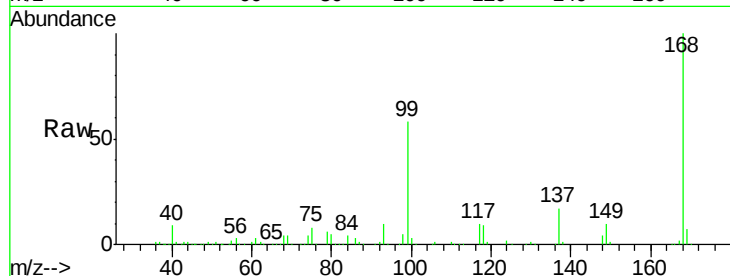
VSTDCCC050EC

Tot Ion:168 Resp: 192345

Ion Ratio Lower Upper

168 100

99 57.6 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

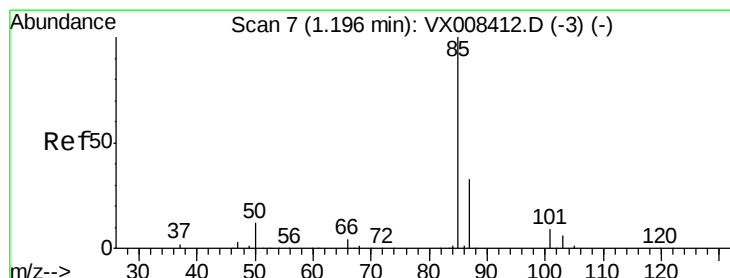
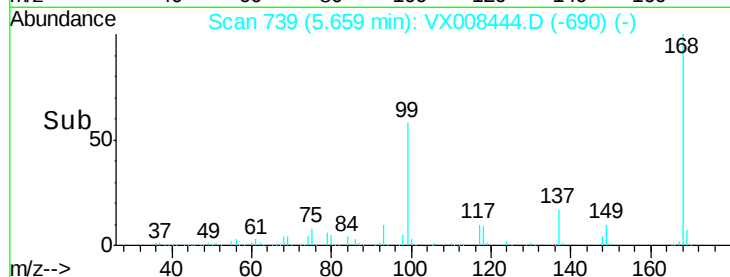
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.322 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008444.D

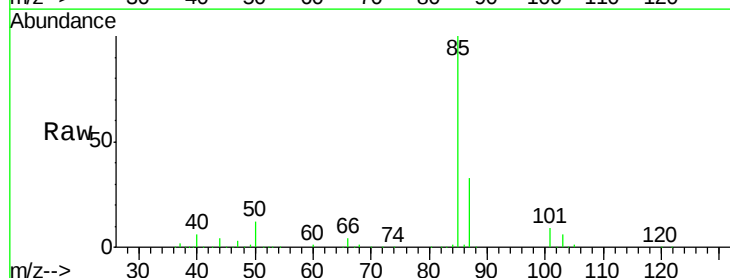
Acq: 26 Mar 2019 04:45

Tgt Ion: 85 Resp: 98221

Ion Ratio Lower Upper

85 100

87 32.7 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

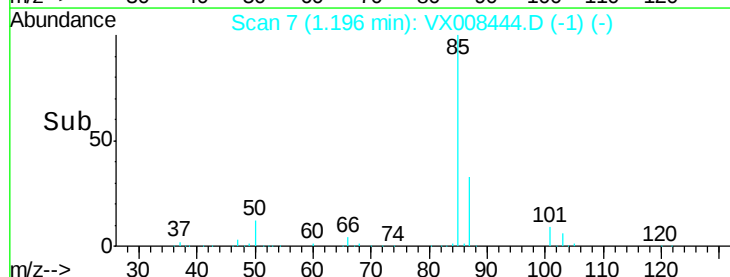
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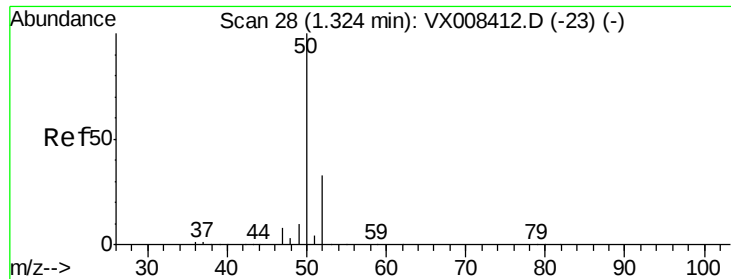
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.483 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

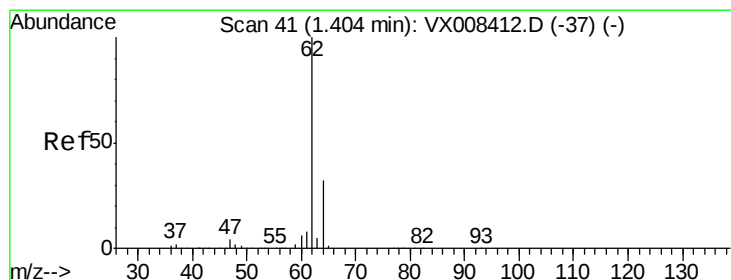
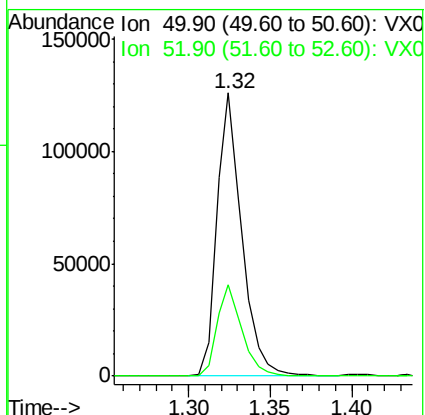
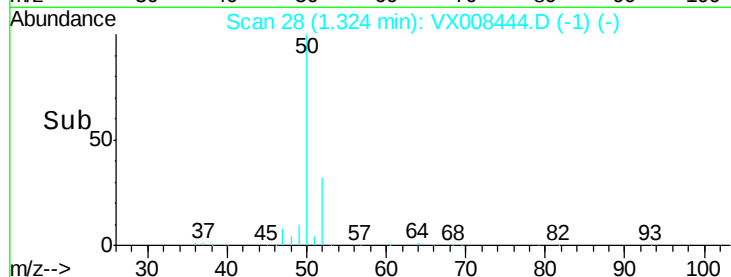
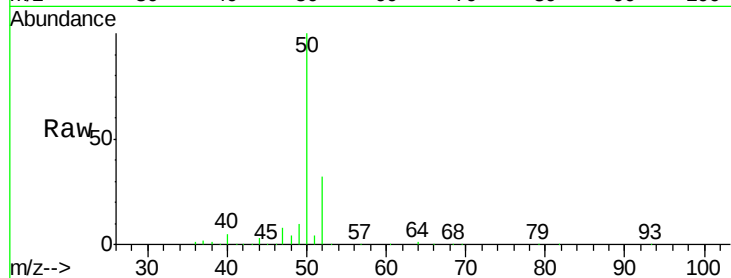
VSTDCCC050EC

Tot Ion: 50 Resp: 133125

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



#4

Vinyl Chloride

Concen: 45.215 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008444.D

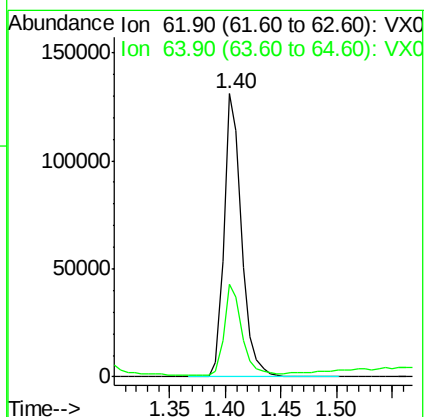
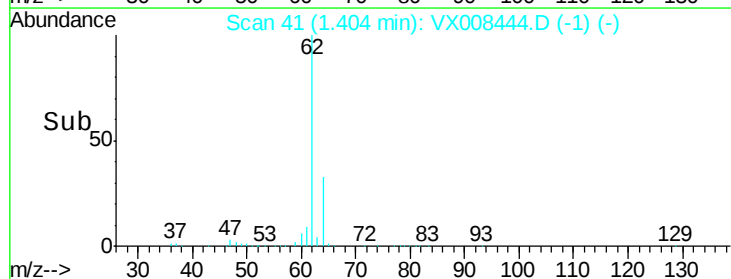
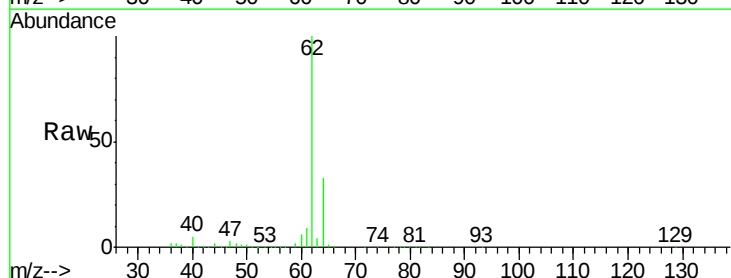
Acq: 26 Mar 2019 04:45

Tgt Ion: 62 Resp: 143133

Ion Ratio Lower Upper

62 100

64 32.0 25.5 38.3





#5

Bromomethane

Concen: 35.822 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

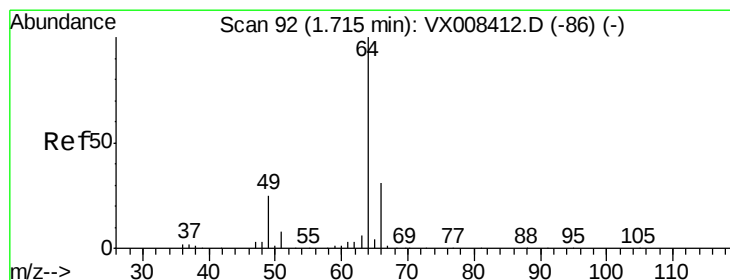
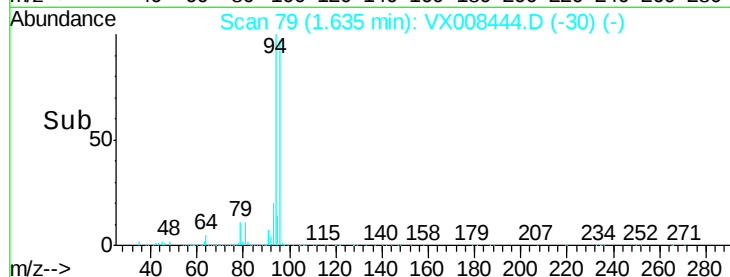
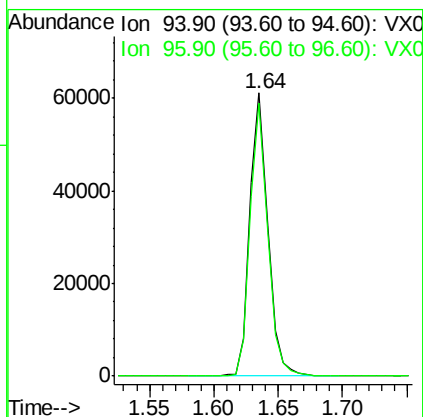
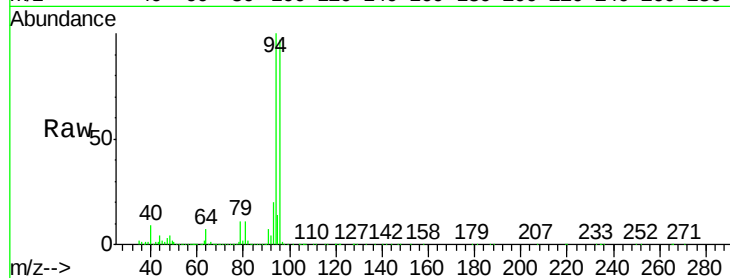
VSTDCCC050EC

Tot Ion: 94 Resp: 58633

Ion Ratio Lower Upper

94 100

96 96.5 74.8 112.2



#6

Chloroethane

Concen: 52.255 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008444.D

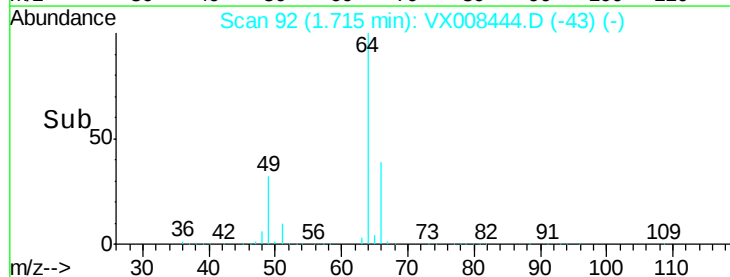
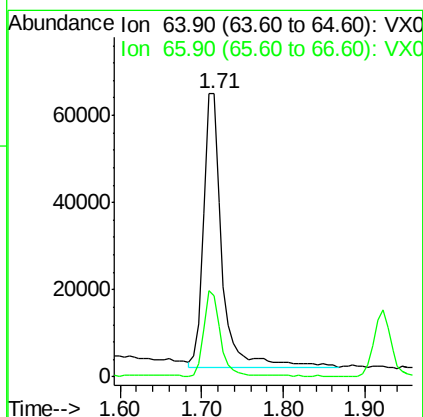
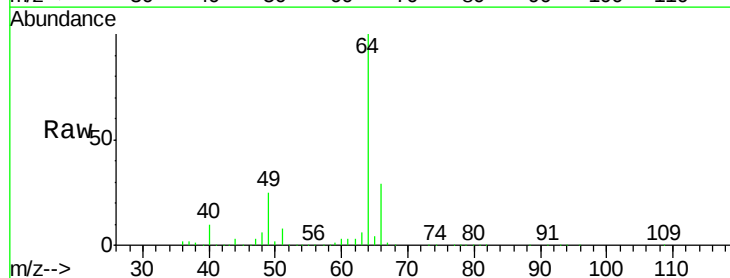
Acq: 26 Mar 2019 04:45

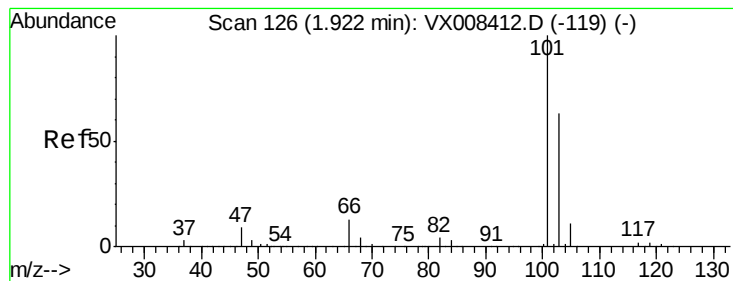
Tgt Ion: 64 Resp: 97995

Ion Ratio Lower Upper

64 100

66 29.7 25.1 37.7



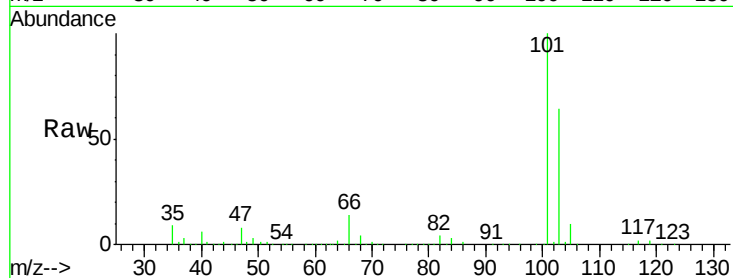


#7

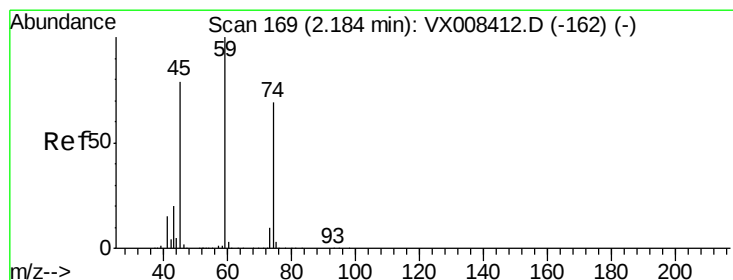
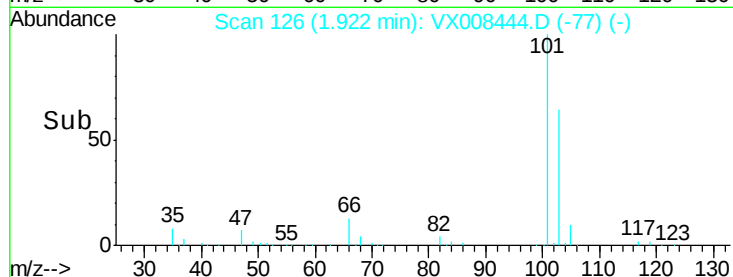
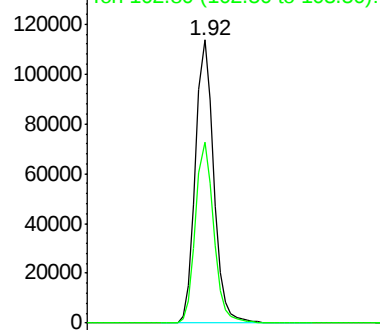
Trichlorofluoromethane
Concen: 45.956 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion:101 Resp: 164766
Ion Ratio Lower Upper
101 100
103 64.2 50.2 75.4



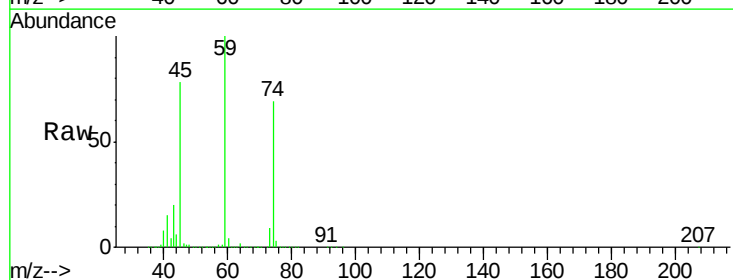
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



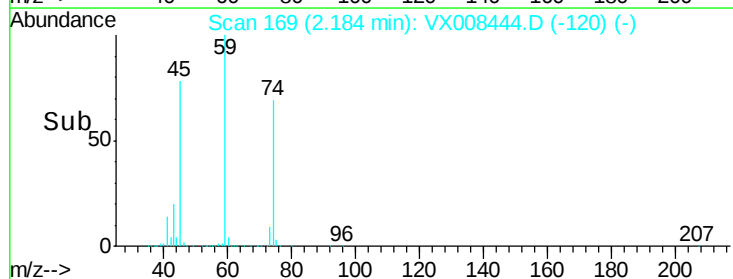
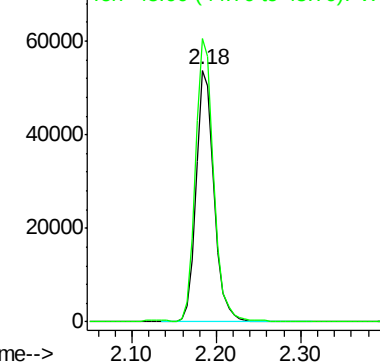
#8

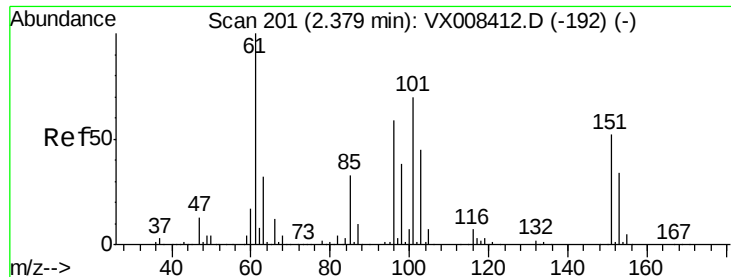
Diethyl Ether
Concen: 46.612 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion: 74 Resp: 79089
Ion Ratio Lower Upper
74 100
45 113.4 56.4 169.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.438 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

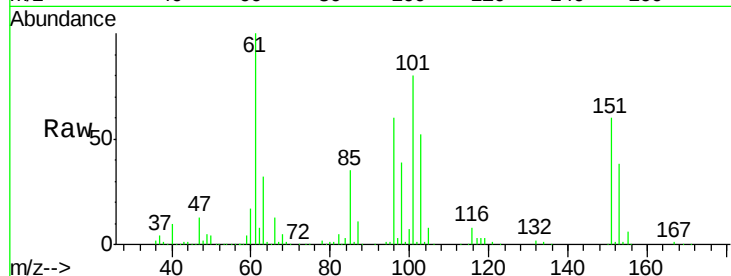
Tot Ion:101 Resp: 96287

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

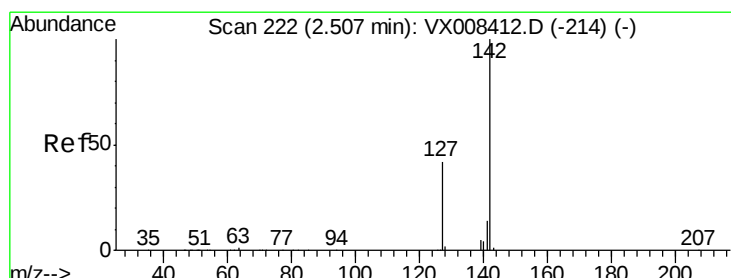
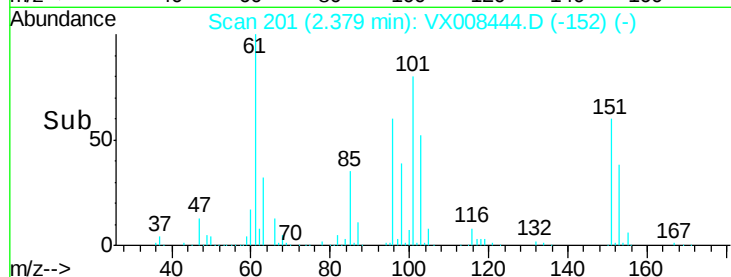
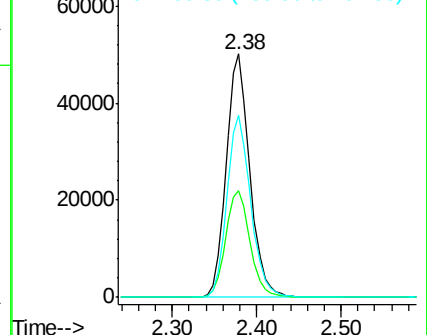
151 75.3 59.2 88.8



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: 31.812 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

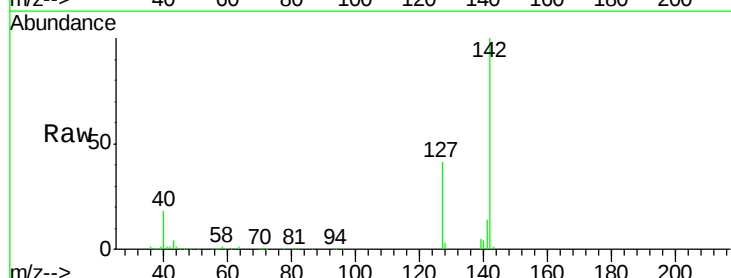
Tgt Ion:142 Resp: 63617

Ion Ratio Lower Upper

142 100

127 41.6 33.6 50.4

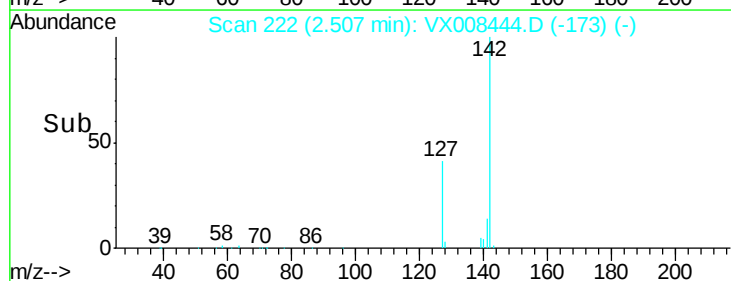
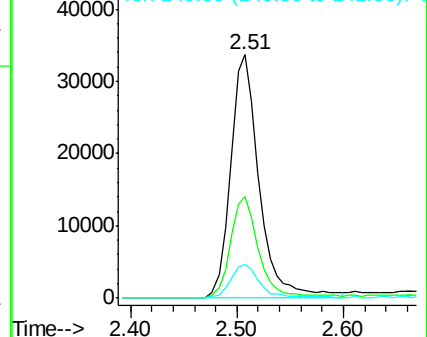
141 14.3 11.3 16.9

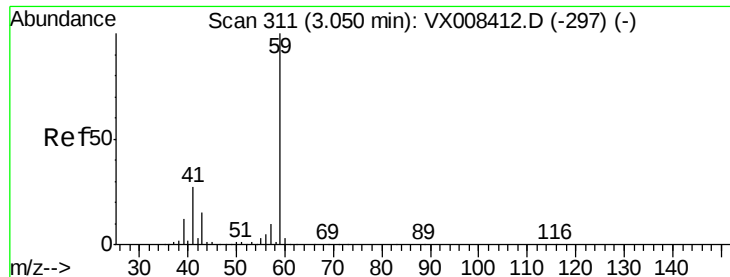


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

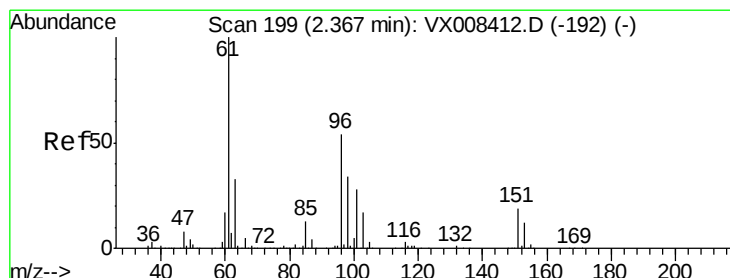
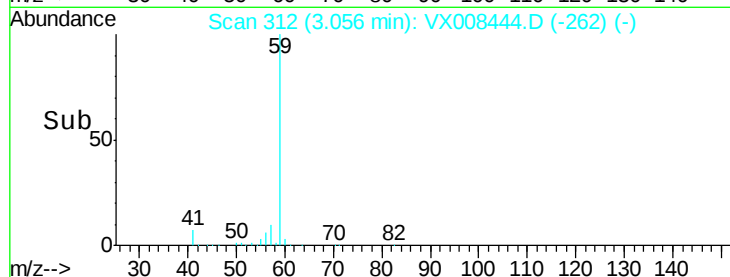
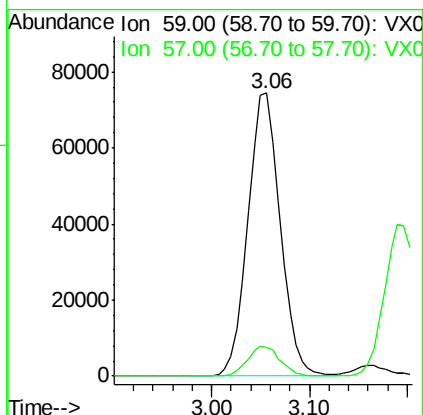
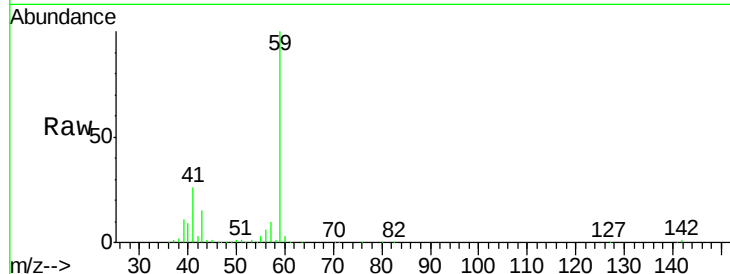




#11
Tert butyl alcohol
Concen: 265.352 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

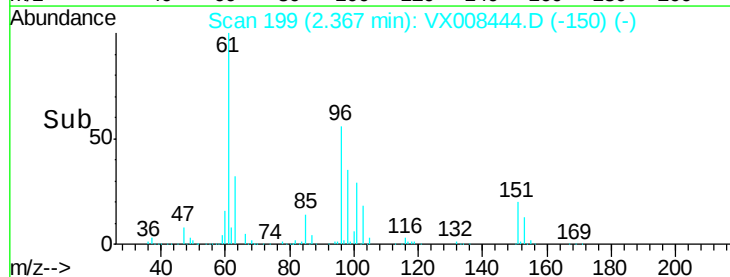
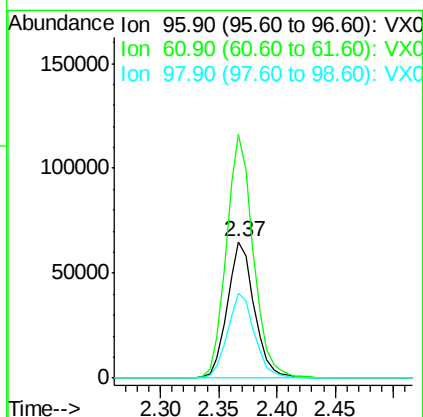
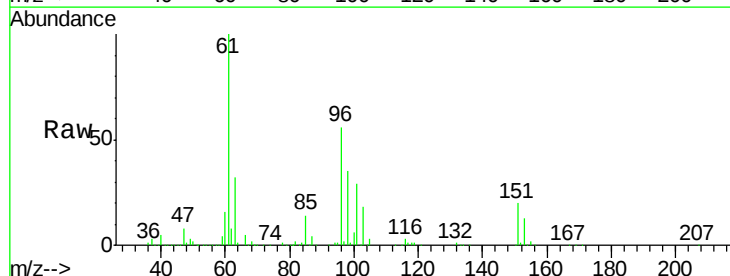
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

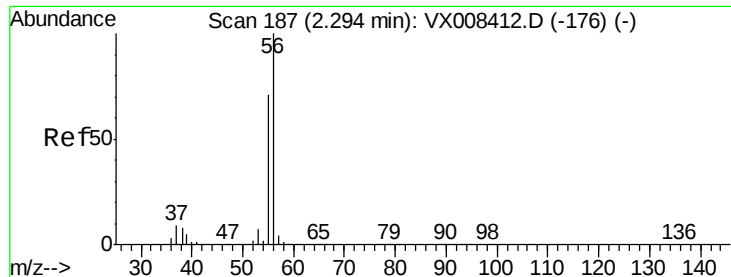
Tot Ion: 59 Resp: 171434
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.722 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion: 96 Resp: 104550
Ion Ratio Lower Upper
96 100
61 178.8 146.9 220.3
98 62.8 50.1 75.1





#13

Acrolein

Concen: 283.003 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

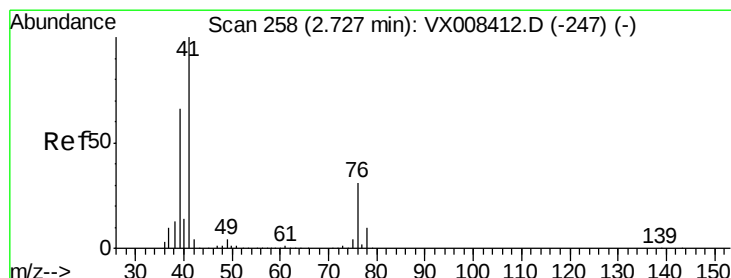
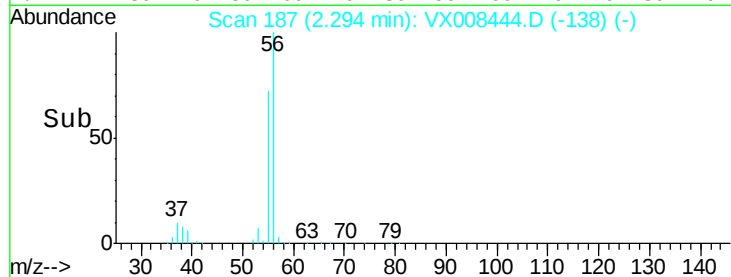
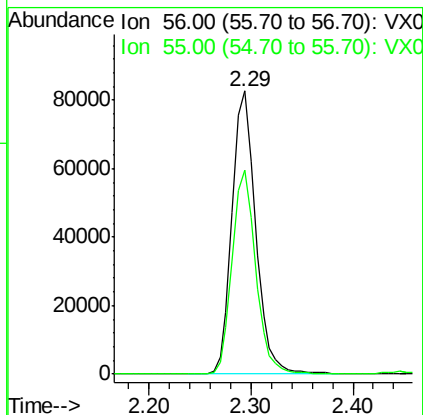
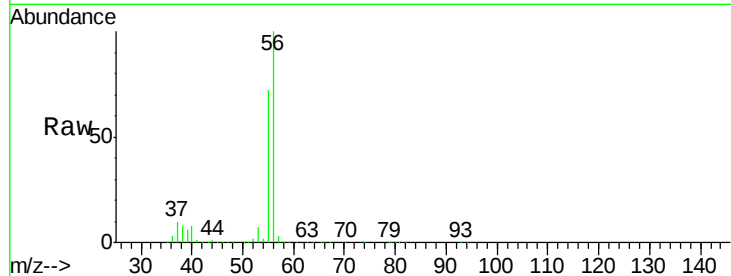
VSTDCCC050EC

Tot Ion: 56 Resp: 132775

Ion Ratio Lower Upper

56 100

55 72.2 56.5 84.7



#14

Allyl chloride

Concen: 46.630 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

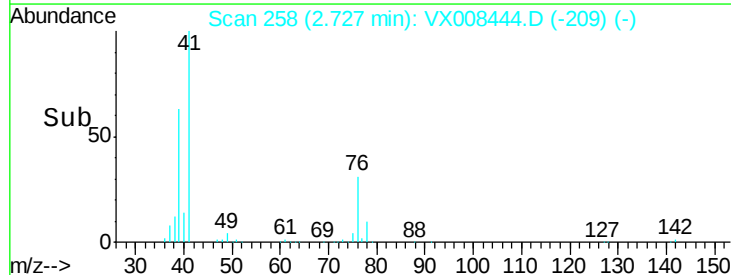
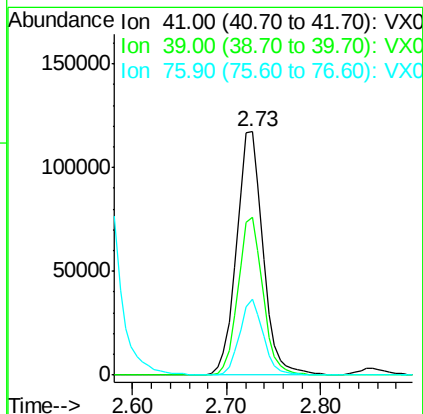
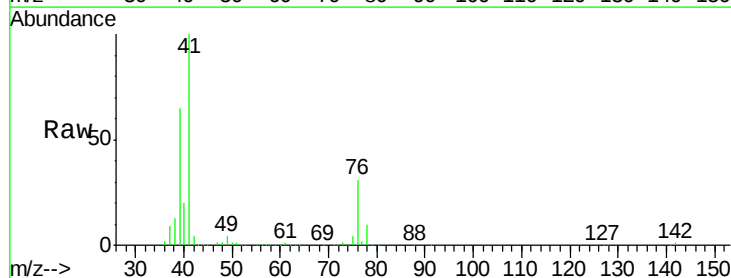
Tgt Ion: 41 Resp: 229882

Ion Ratio Lower Upper

41 100

39 61.0 49.6 74.4

76 27.7 22.6 34.0





#15

Acrylonitrile

Concen: 241.680 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

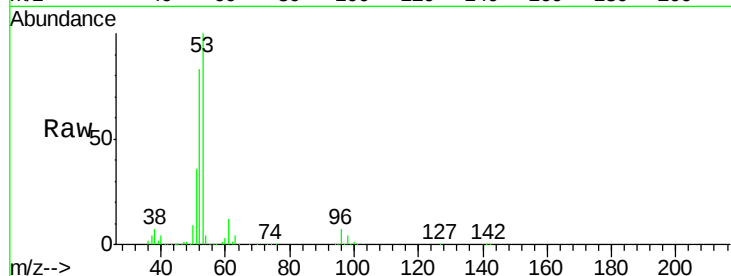
Tot Ion: 53 Resp: 409427

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

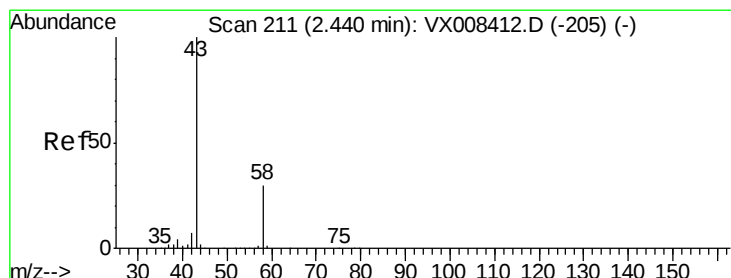
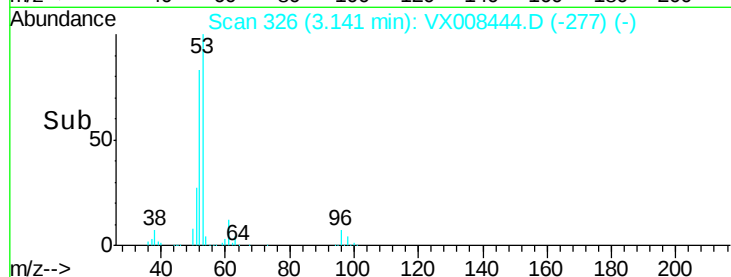
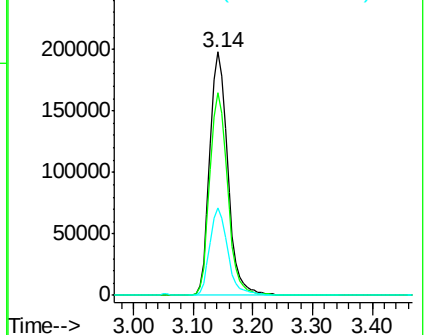
51 35.7 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 232.103 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX008444.D

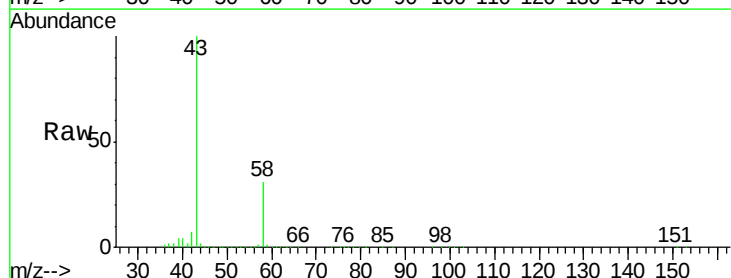
Acq: 26 Mar 2019 04:45

Tgt Ion: 43 Resp: 353739

Ion Ratio Lower Upper

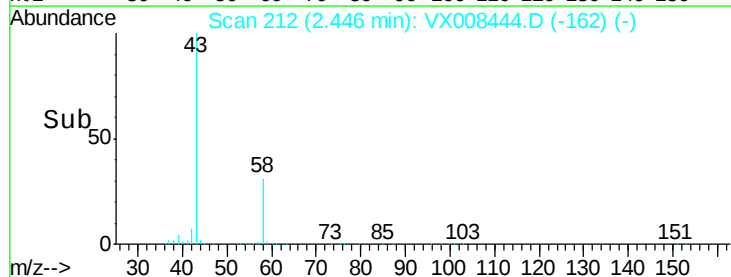
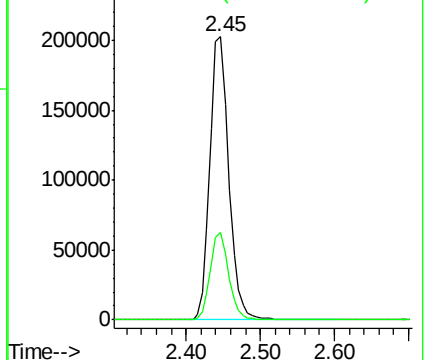
43 100

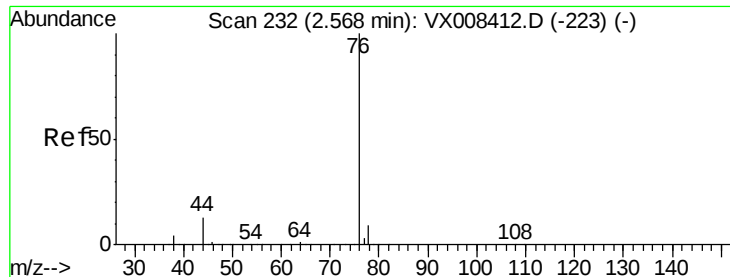
58 30.9 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

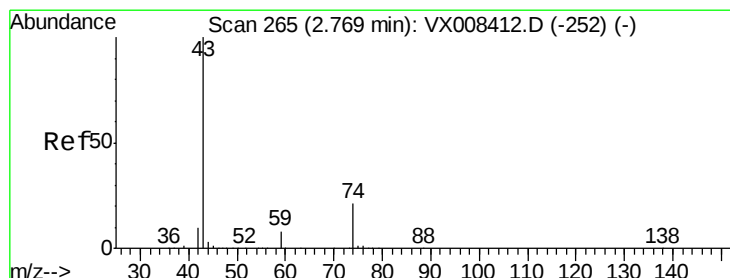
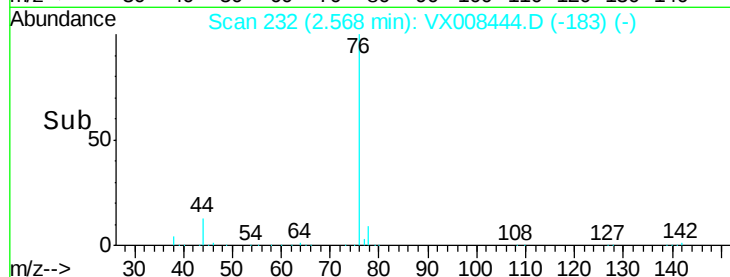
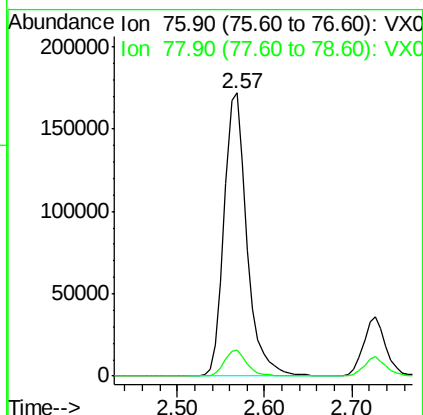
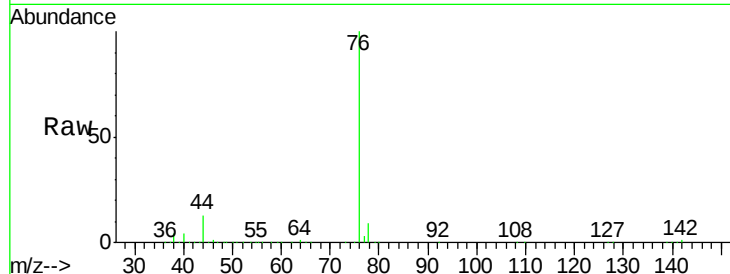




#17
Carbon Disulfide
Concen: 41.920 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

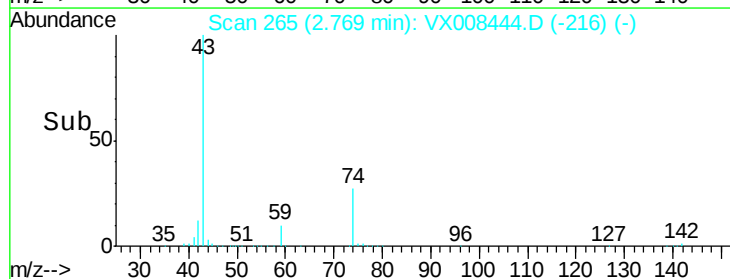
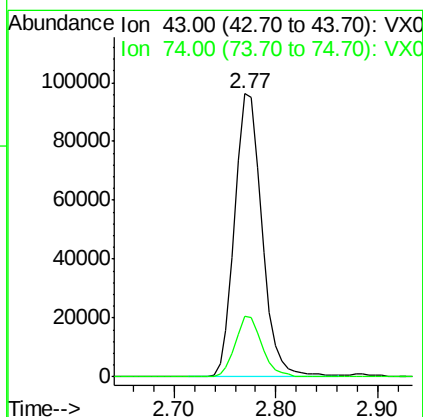
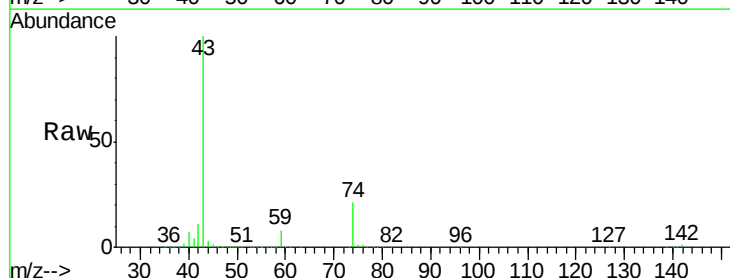
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

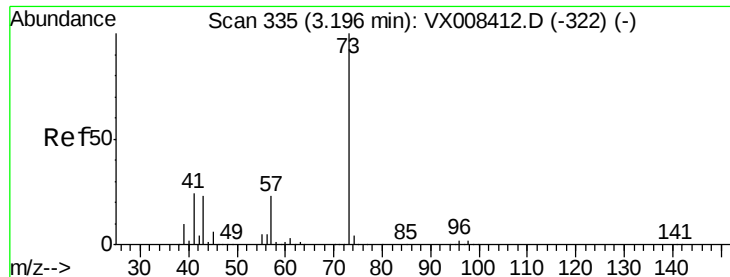
Tot Ion: 76 Resp: 311179
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 48.600 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion: 43 Resp: 177894
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1

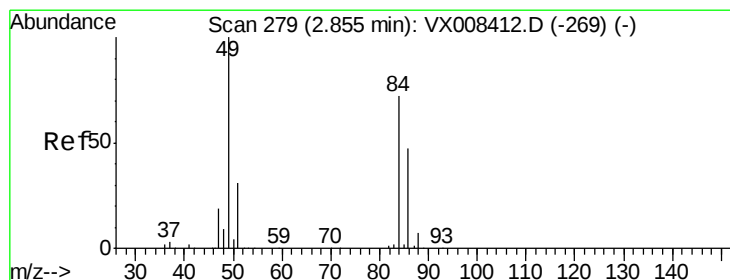
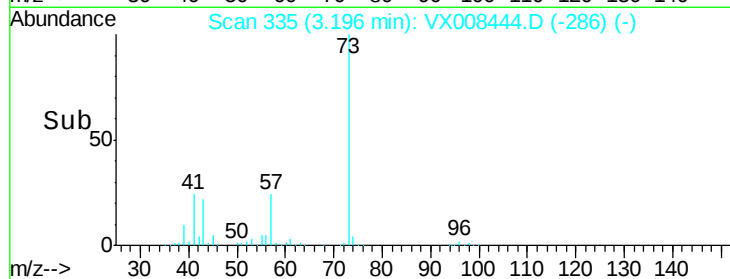
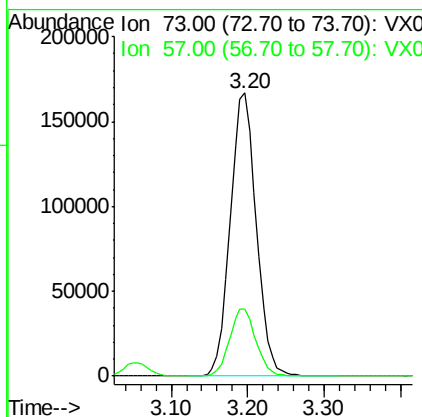
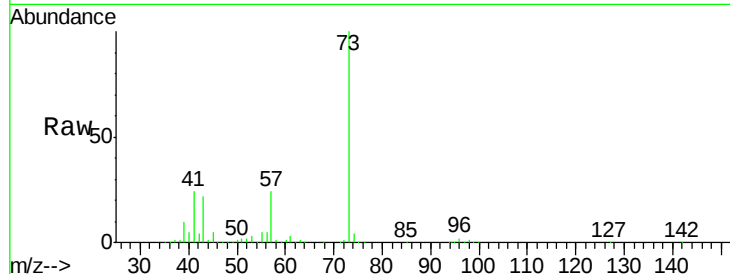




#19
Methyl tert-butyl Ether
Concen: 48.642 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

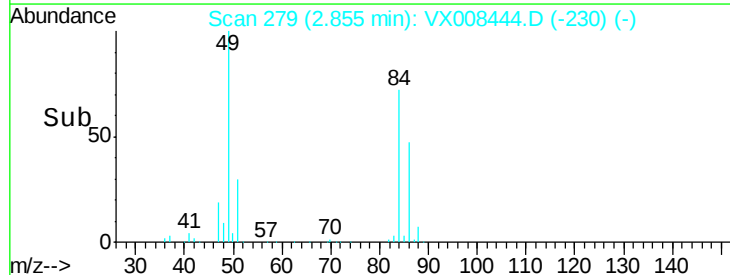
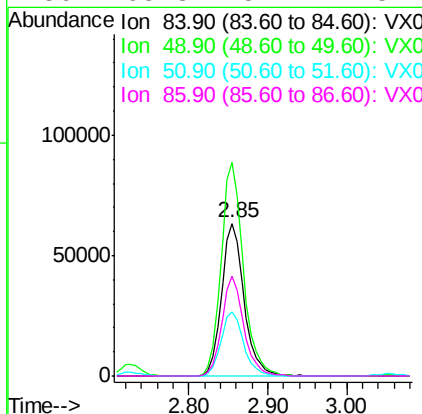
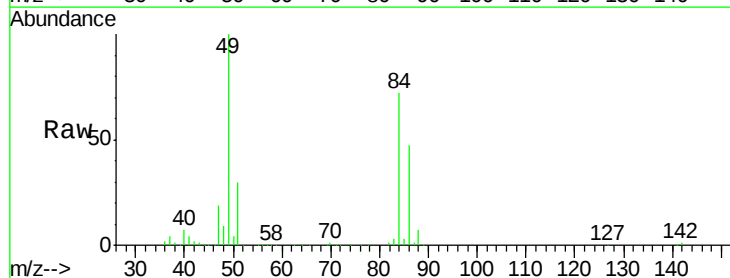
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

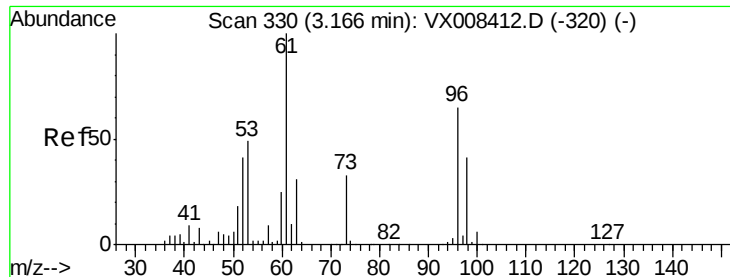
Tot Ion: 73 Resp: 392241
Ion Ratio Lower Upper
73 100
57 23.7 18.6 28.0



#20
Methylene Chloride
Concen: 50.399 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion: 84 Resp: 125350
Ion Ratio Lower Upper
84 100
49 139.5 110.6 165.8
51 42.0 33.9 50.9
86 65.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 49.594 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

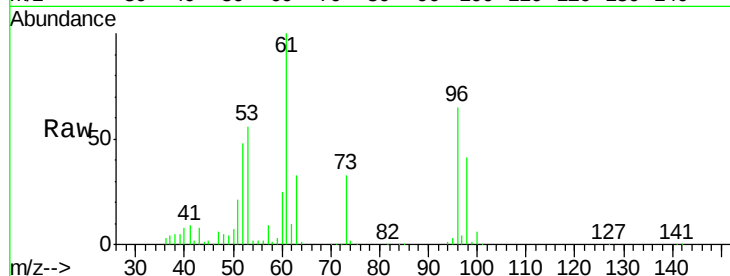
Tot Ion: 96 Resp: 110587

Ion Ratio Lower Upper

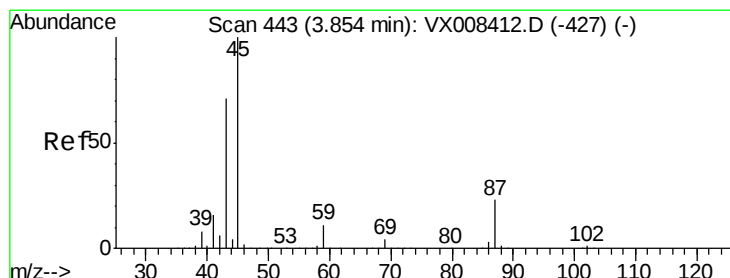
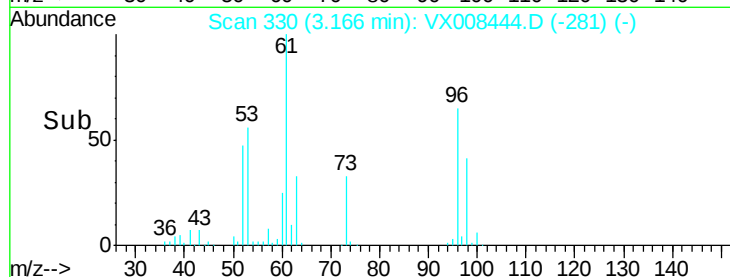
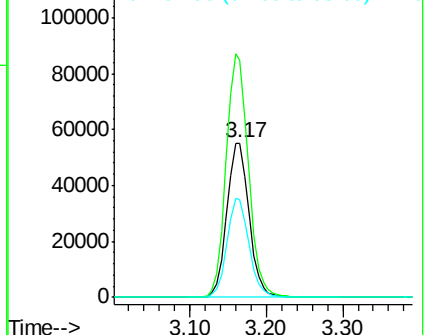
96 100

61 153.3 122.6 184.0

98 63.1 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: 47.994 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Tgt Ion: 45 Resp: 465890

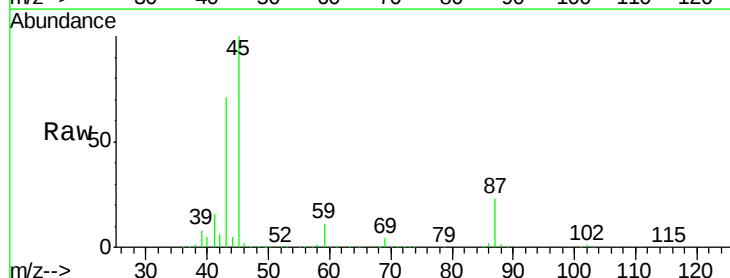
Ion Ratio Lower Upper

45 100

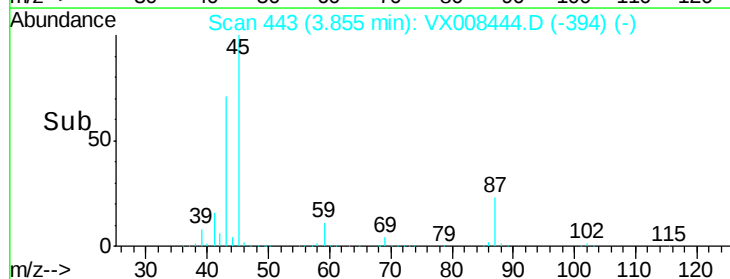
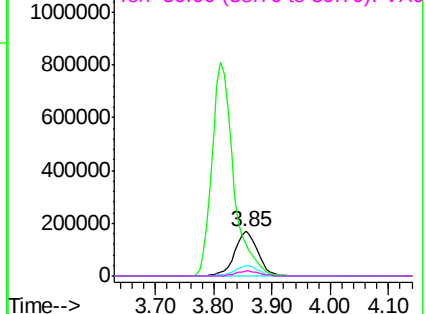
43 70.8 57.1 85.7

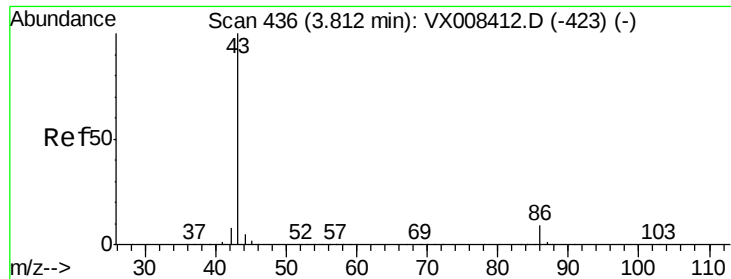
87 22.7 18.8 28.2

59 10.7 8.7 13.1



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





#23

Vinyl Acetate

Concen: 245.756 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

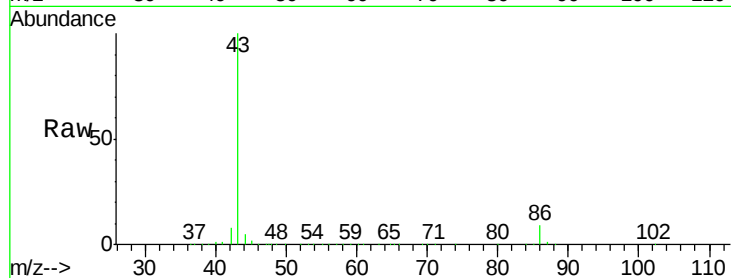
VSTDCCC050EC

Tot Ion: 43 Resp: 2081314

Ion Ratio Lower Upper

43 100

86 8.9 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

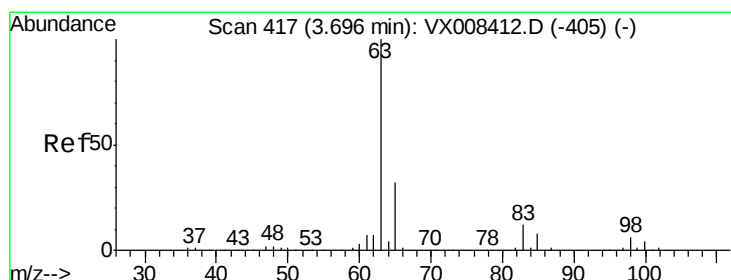
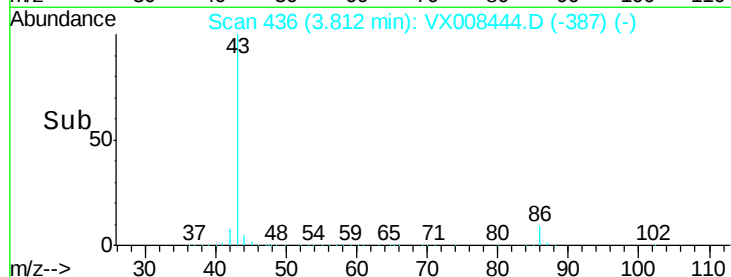
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 47.988 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

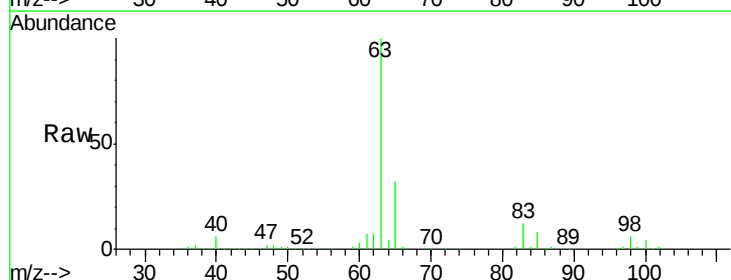
Tgt Ion: 63 Resp: 235179

Ion Ratio Lower Upper

63 100

98 5.9 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

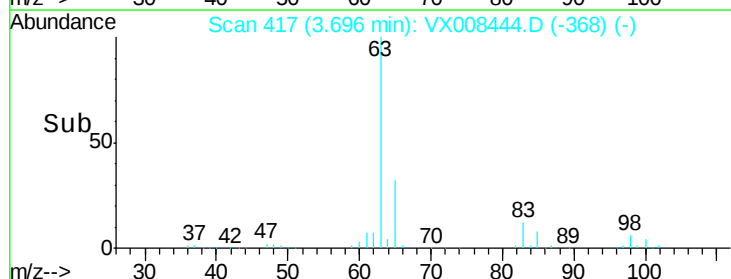
60000

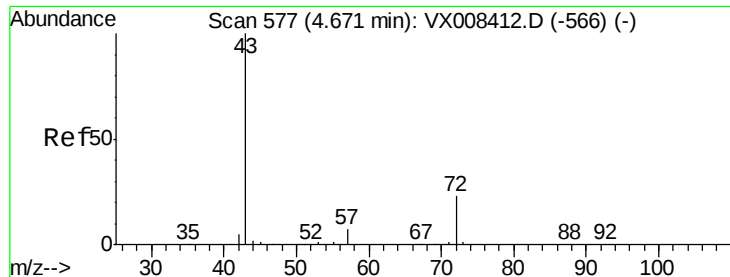
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 247.270 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

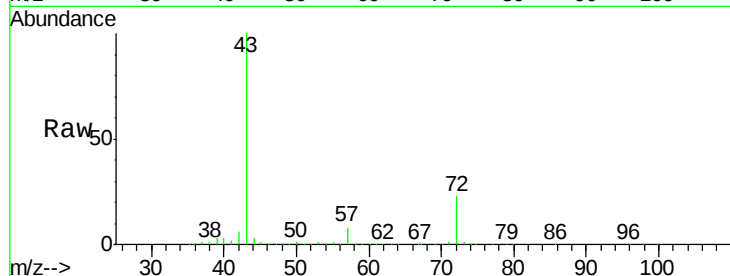
VSTDCCC050EC

Tot Ion: 43 Resp: 604165

Ion Ratio Lower Upper

43 100

72 22.9 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

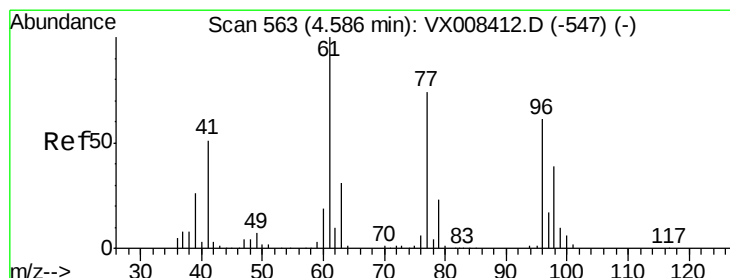
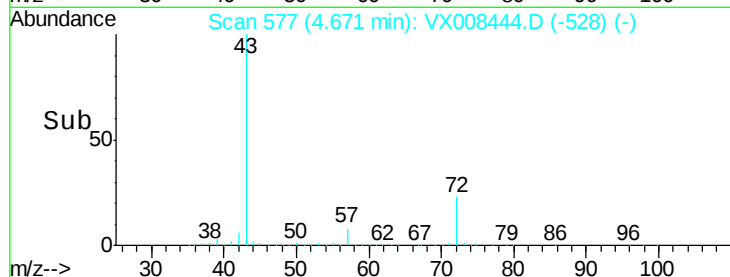
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 37.818 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008444.D

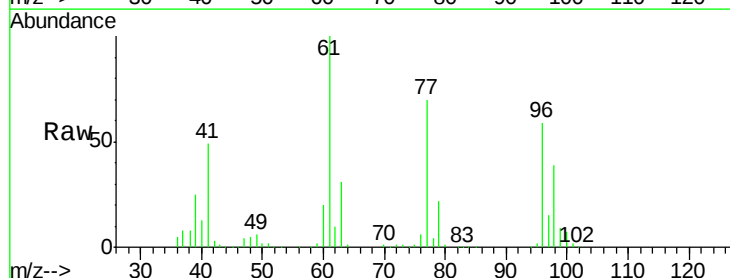
Acq: 26 Mar 2019 04:45

Tgt Ion: 77 Resp: 123272

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

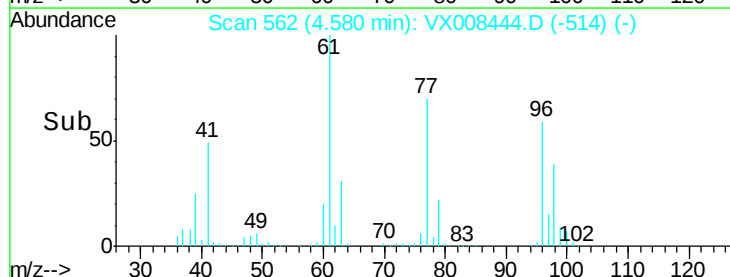
20000

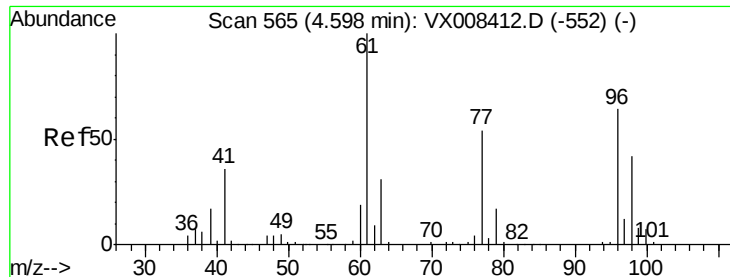
10000

0

4.50 4.60 4.70

Time-->



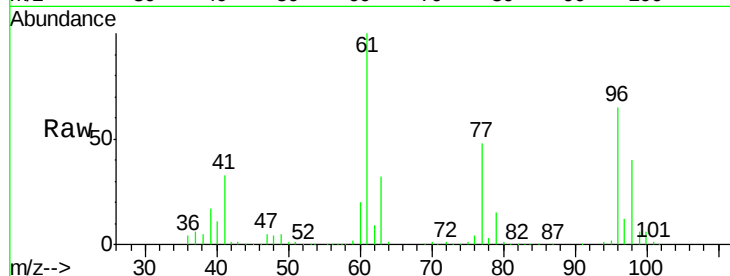


#27

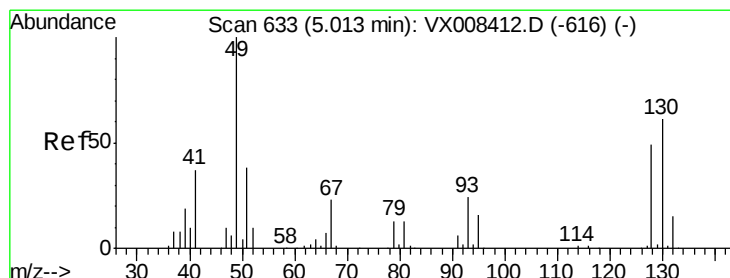
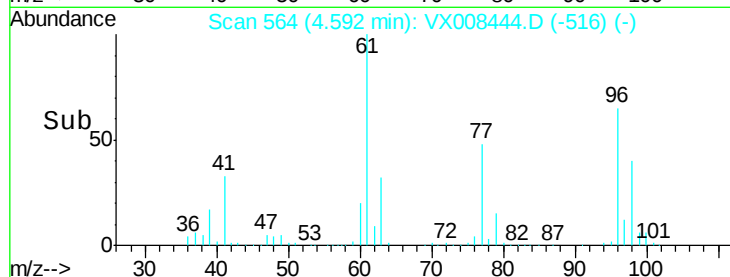
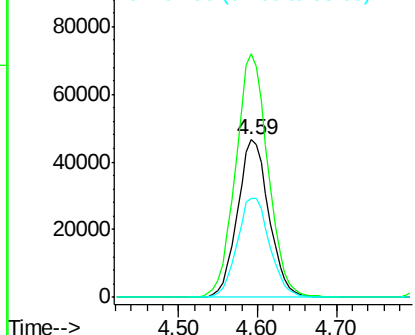
cis-1,2-Dichloroethene
Concen: 47.412 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 129734
Ion Ratio Lower Upper
96 100
61 158.8 0.0 325.6
98 65.1 0.0 130.0



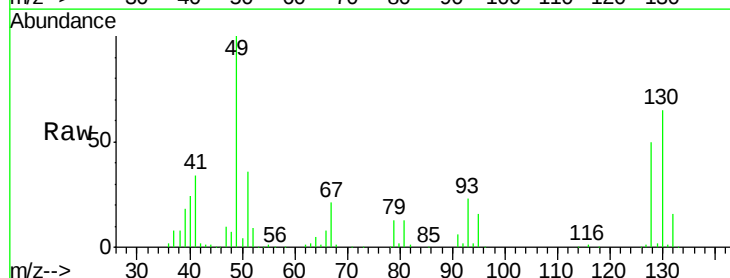
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



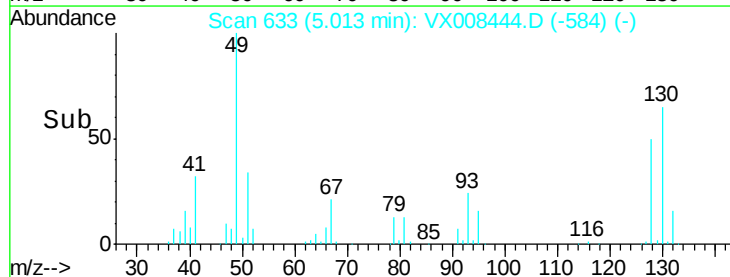
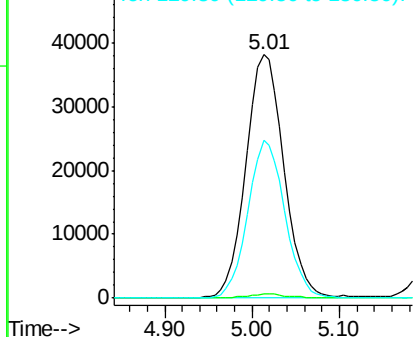
#28

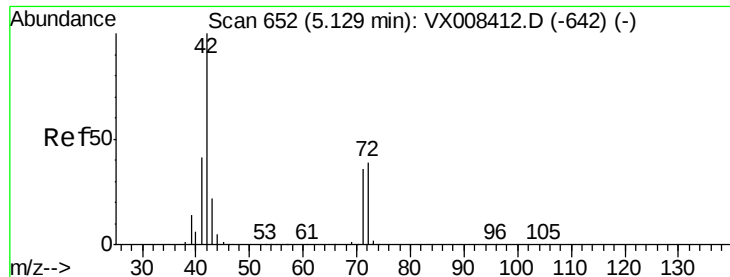
Bromochloromethane
Concen: 47.462 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion: 49 Resp: 114915
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 63.3 49.8 74.6



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





#29

Tetrahydrofuran

Concen: 245.729 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

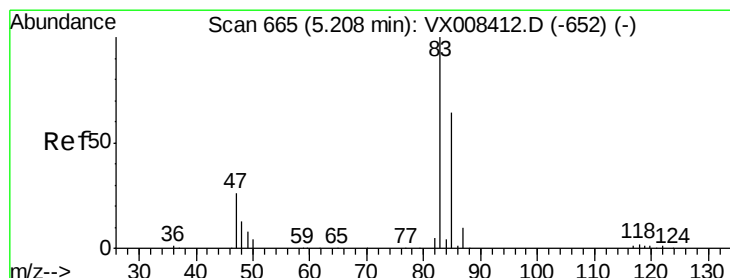
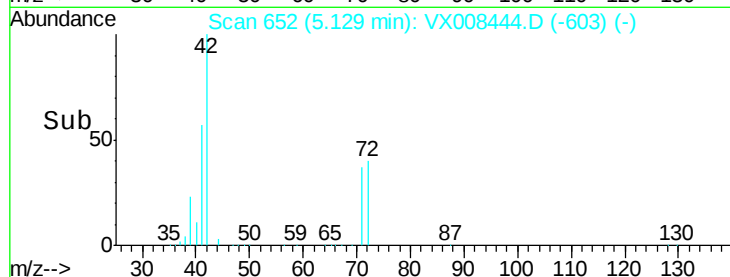
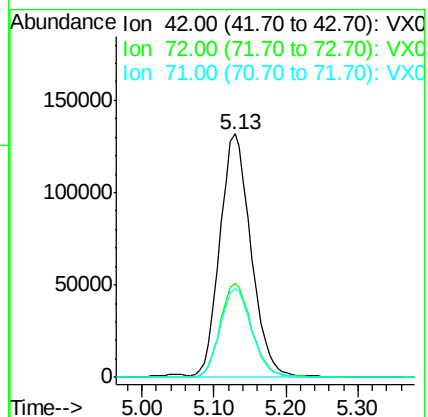
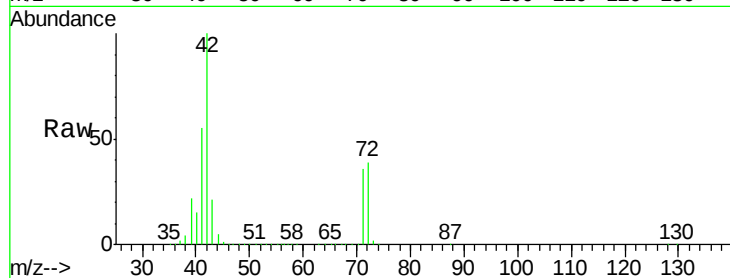
Tot Ion: 42 Resp: 395708

Ion Ratio Lower Upper

42 100

72 39.4 31.4 47.2

71 37.0 29.4 44.2



#30

Chloroform

Concen: 48.161 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX008444.D

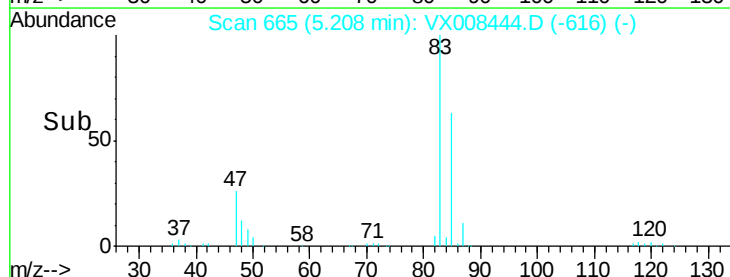
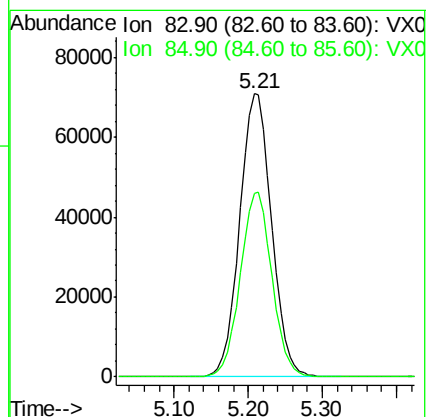
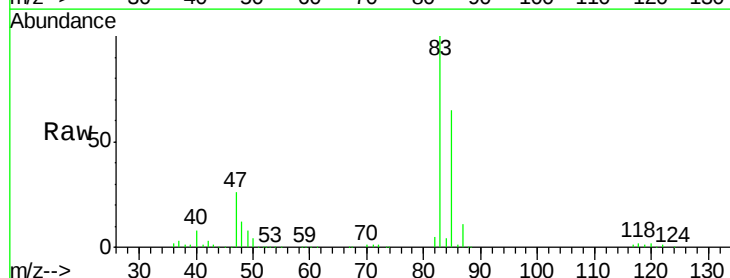
Acq: 26 Mar 2019 04:45

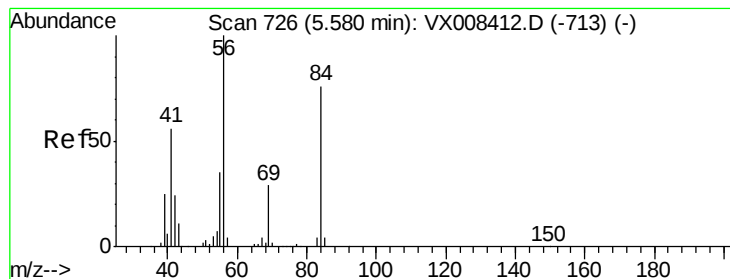
Tgt Ion: 83 Resp: 213006

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.2





#31

Cyclohexane

Concen: 46.568 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

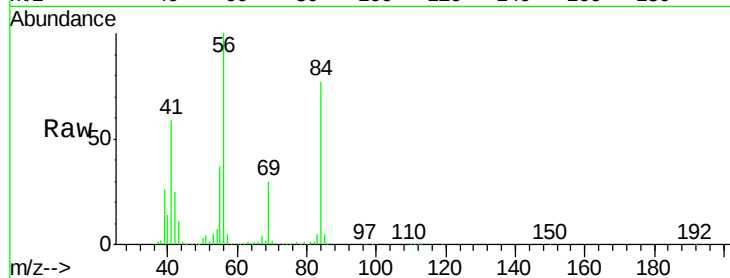
Tot Ion: 56 Resp: 217661

Ion Ratio Lower Upper

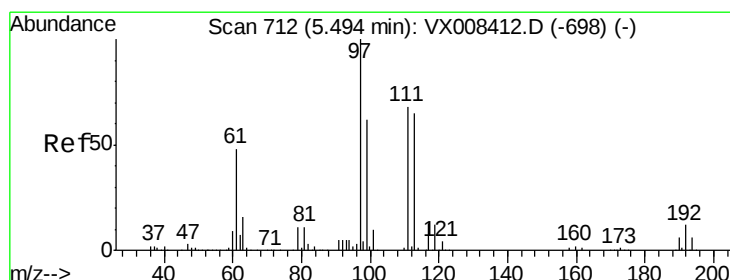
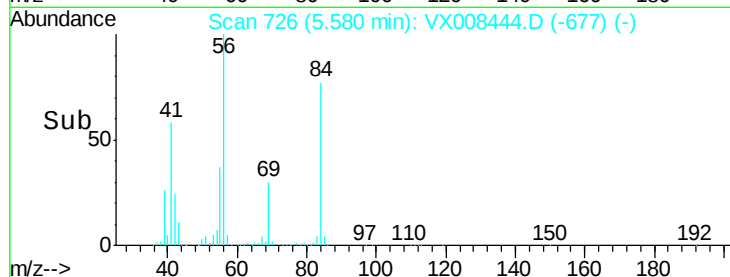
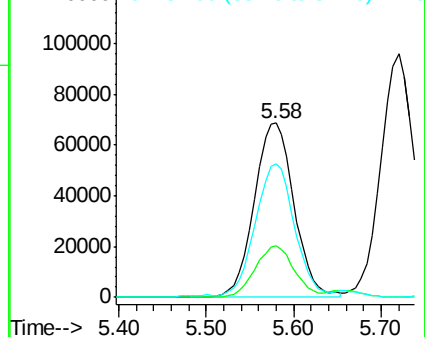
56 100

69 29.7 23.2 34.8

84 75.8 60.7 91.1



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



#32

1,1,1-Trichloroethane

Concen: 48.814 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

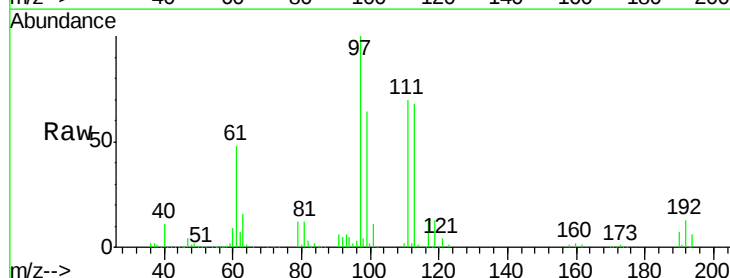
Tgt Ion: 97 Resp: 172570

Ion Ratio Lower Upper

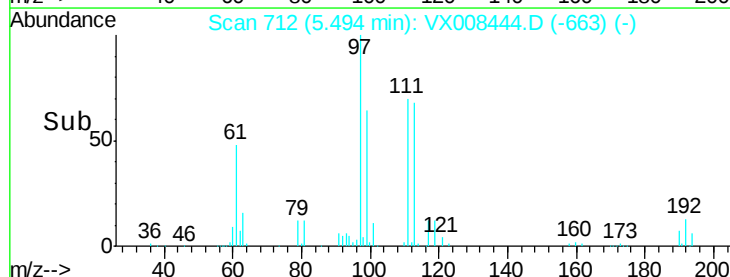
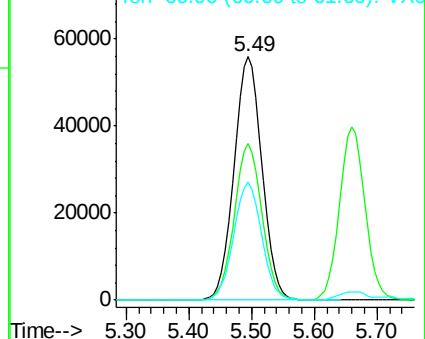
97 100

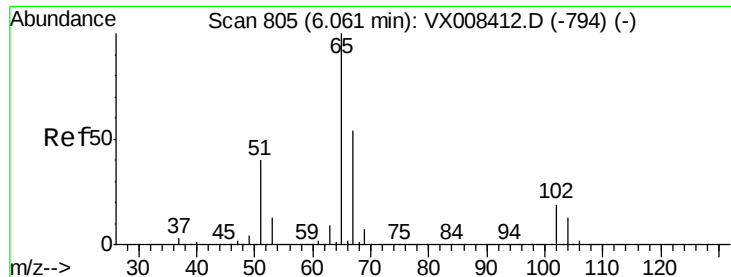
99 63.4 51.5 77.3

61 48.4 38.8 58.2



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

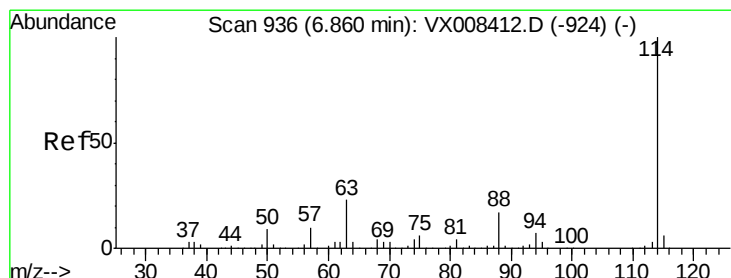
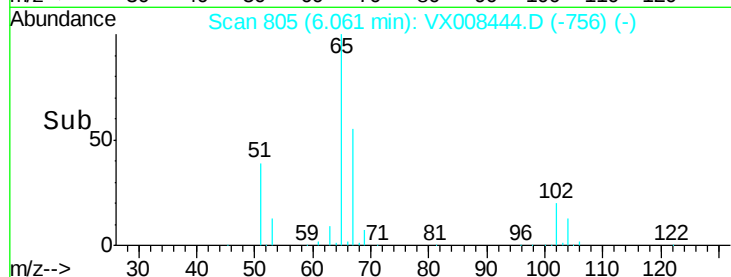
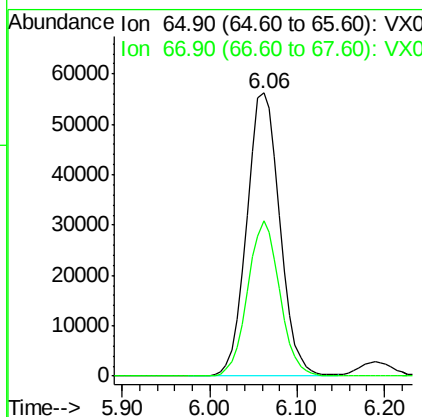
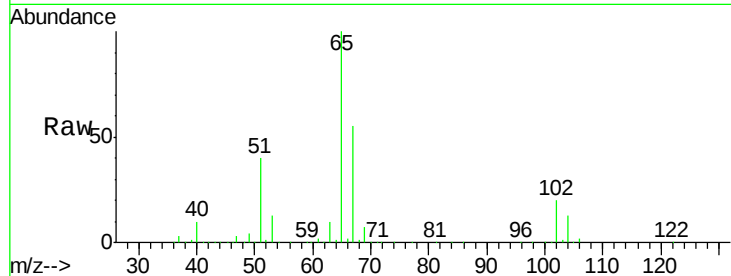




#33
 1,2-Dichloroethane-d4
 Concen: 50.777 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

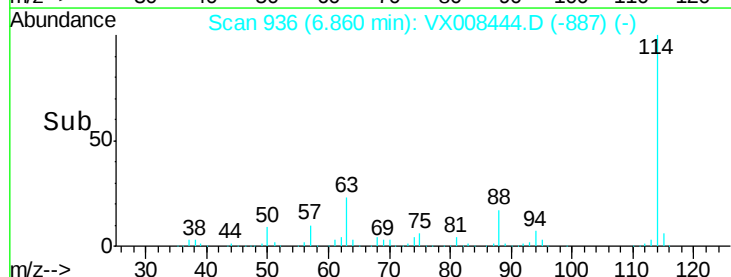
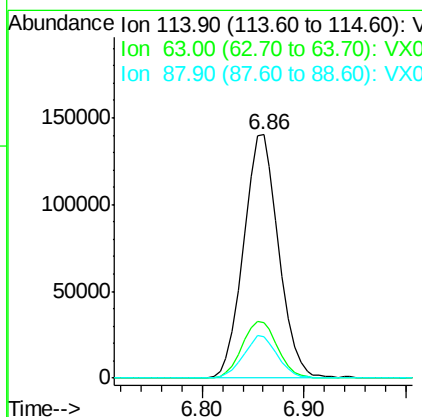
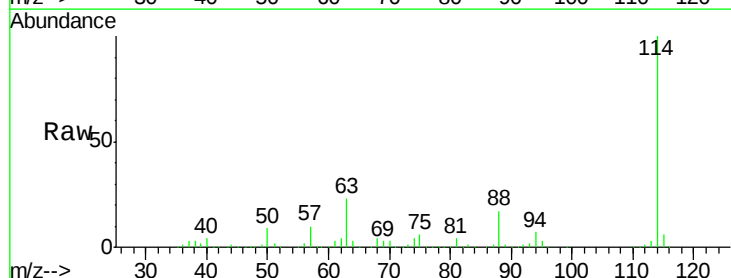
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

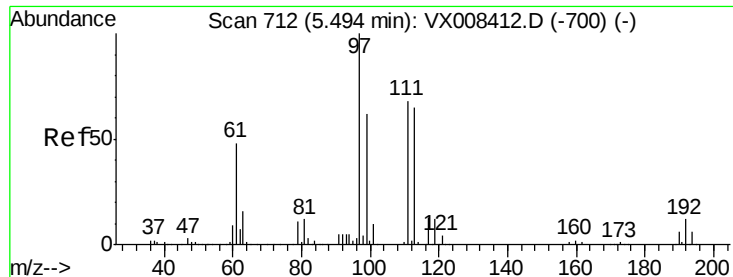
Tot Ion: 65 Resp: 148067
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Tgt Ion: 114 Resp: 334729
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.4
 88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.709 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

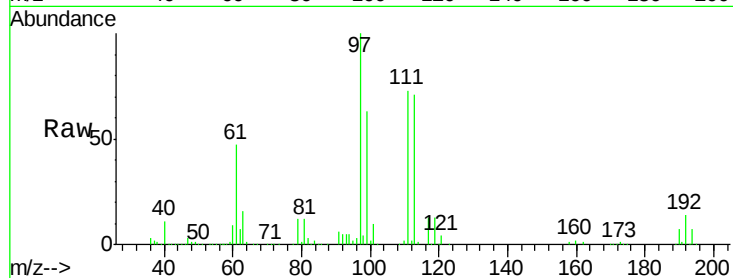
Tot Ion:113 Resp: 110676

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.4

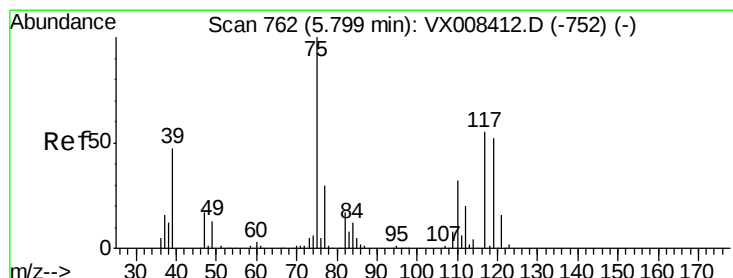
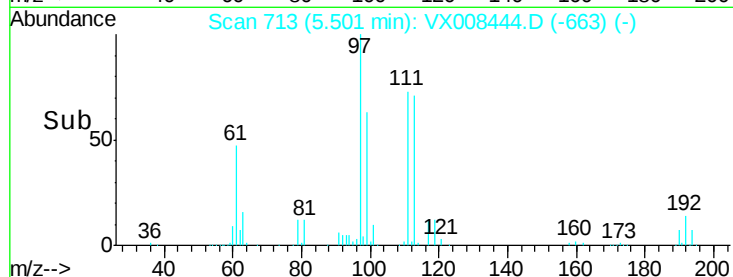
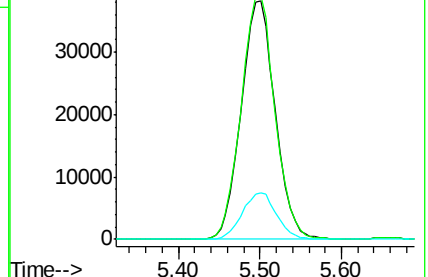
192 19.7 15.6 23.4



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: 45.070 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

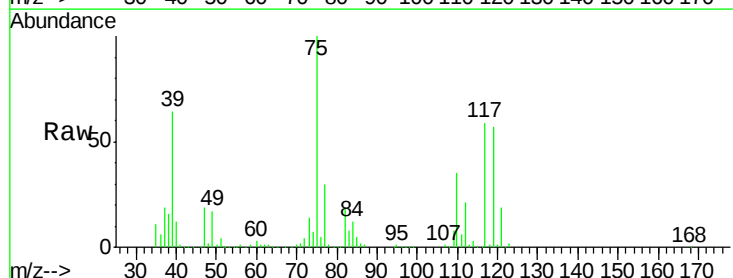
Tgt Ion: 75 Resp: 160852

Ion Ratio Lower Upper

75 100

110 33.9 16.6 49.7

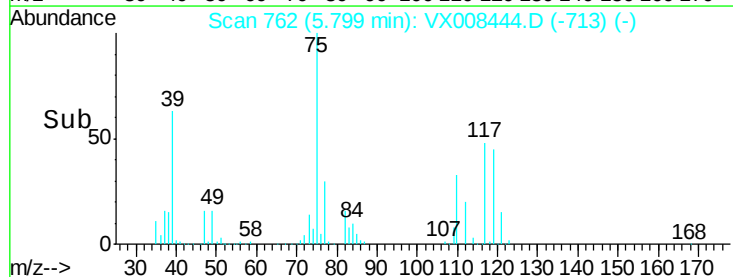
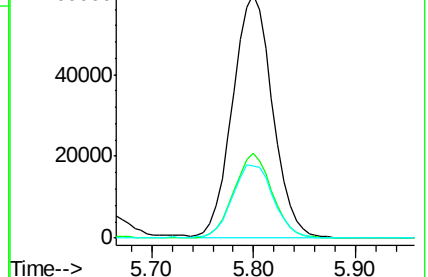
77 31.4 24.2 36.2

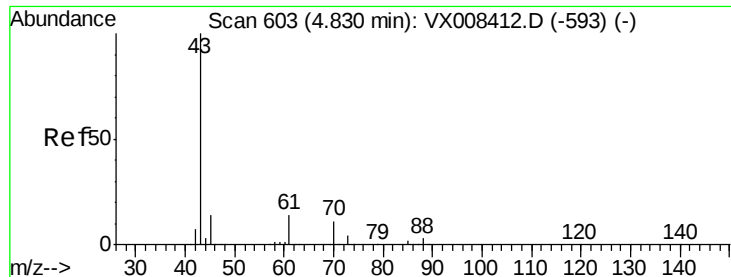


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

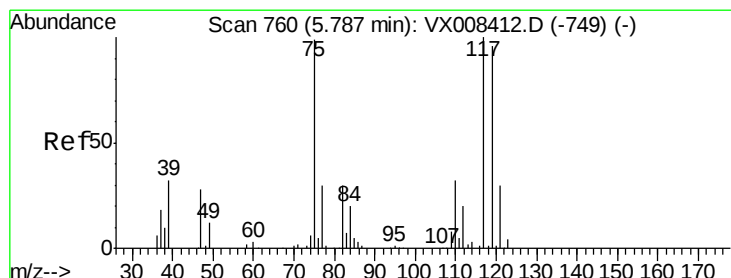
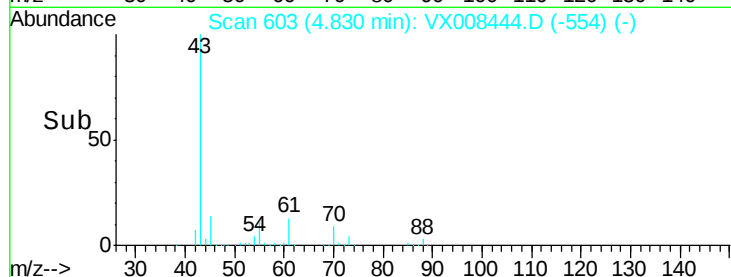
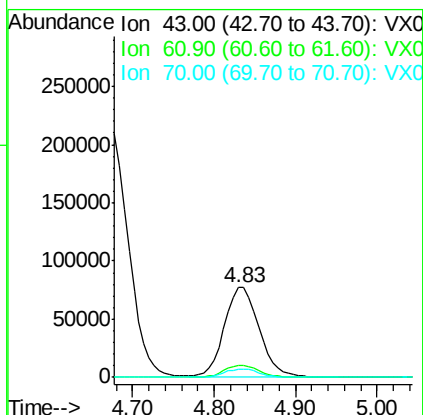
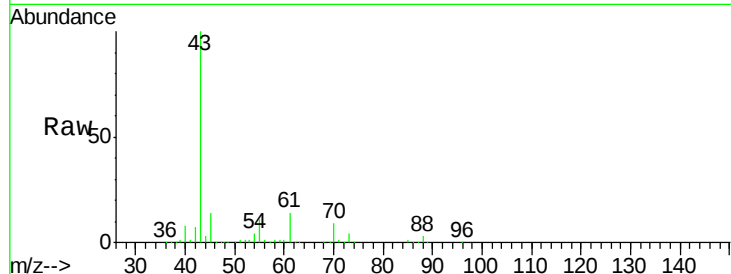




#37
Ethyl Acetate
Concen: 49.215 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

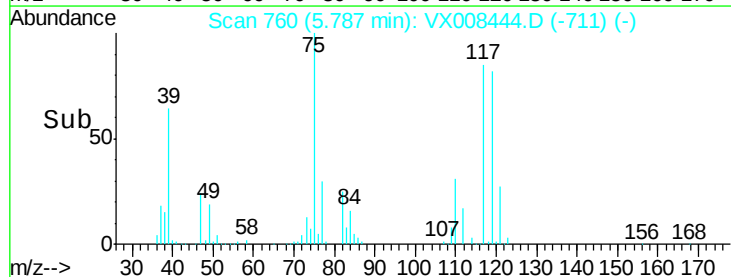
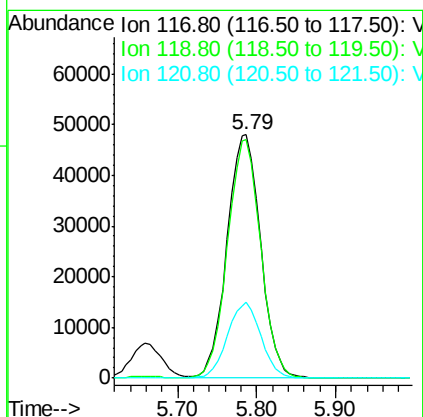
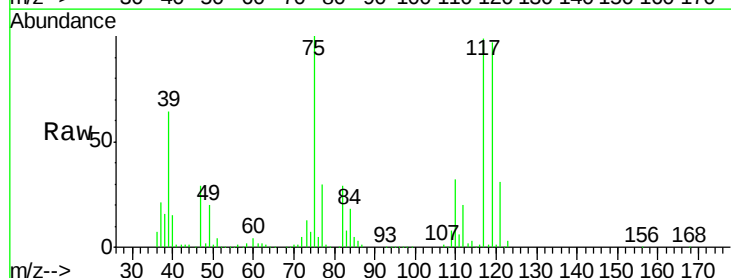
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

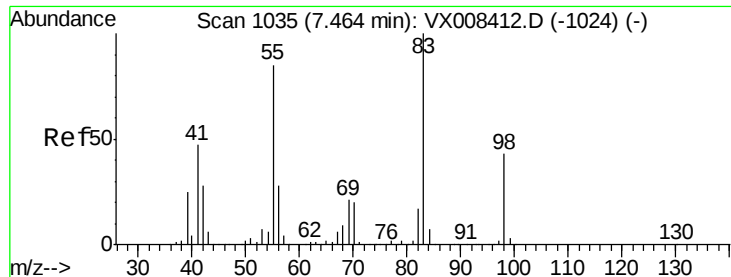
Tot Ion: 43 Resp: 227546
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 47.749 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion: 117 Resp: 142215
Ion Ratio Lower Upper
117 100
119 97.8 76.7 115.1
121 31.0 24.3 36.5

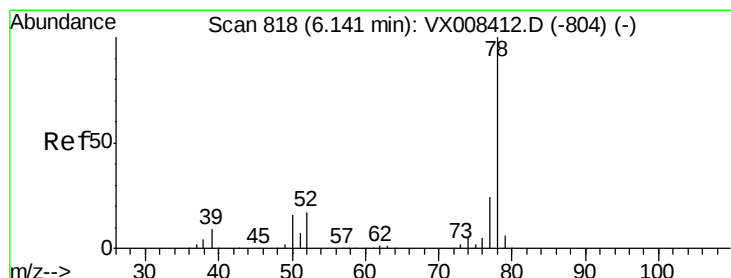
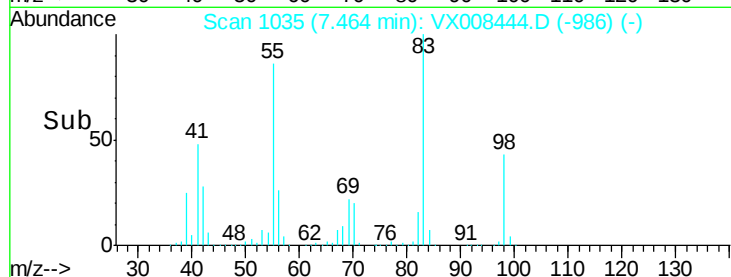
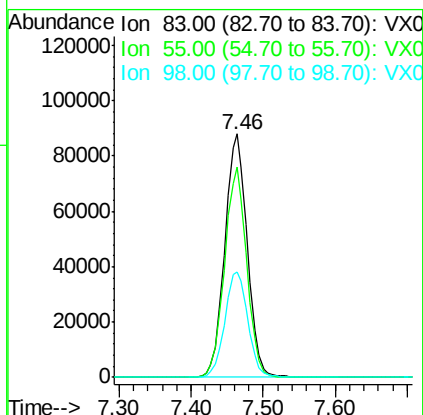
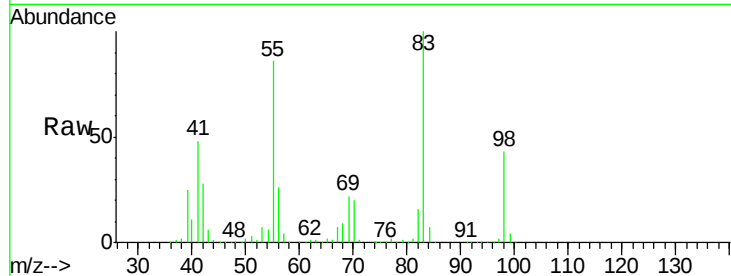




#39
Methvlcvclohexane
Concen: 44.808 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

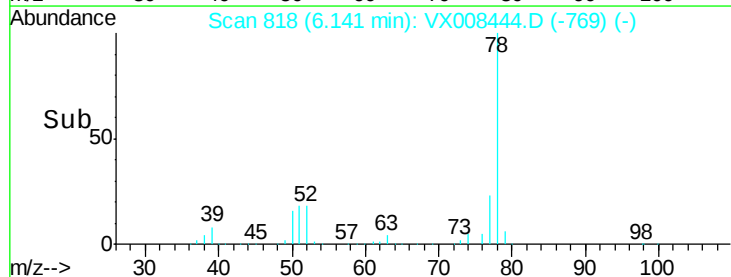
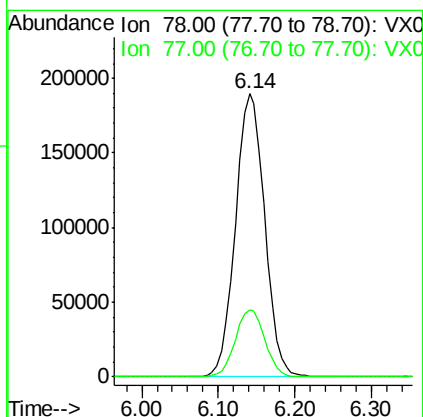
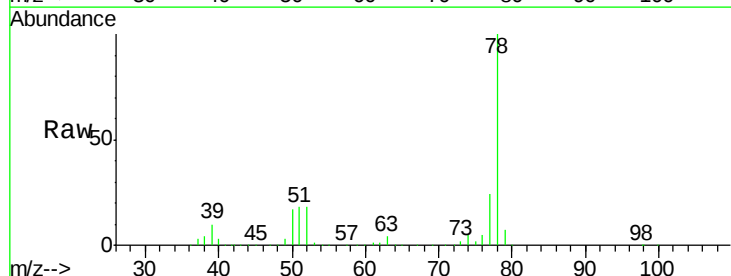
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

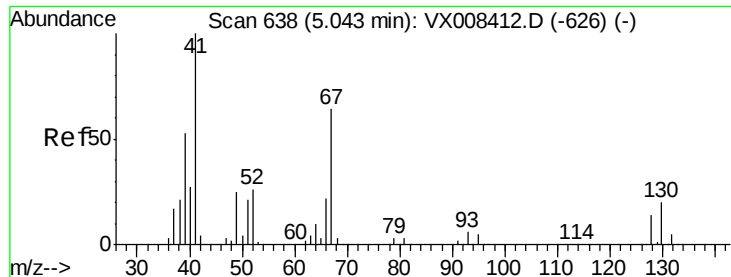
Tot Ion: 83 Resp: 191116
Ion Ratio Lower Upper
83 100
55 86.4 68.2 102.4
98 43.2 34.2 51.4



#40
Benzene
Concen: 46.904 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion: 78 Resp: 501151
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41

Methacrylonitrile

Concen: 49.724 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 129197

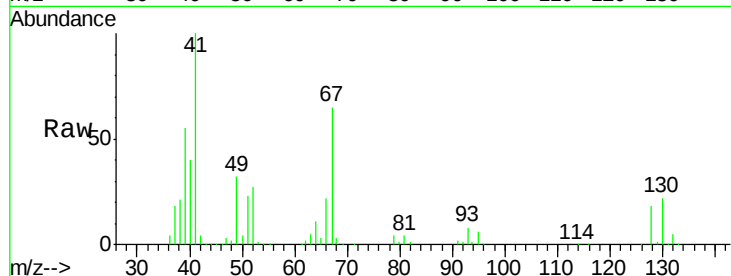
Ion Ratio Lower Upper

41 100

39 53.0 42.6 64.0

67 64.2 52.2 78.4

52 26.3 21.4 32.0

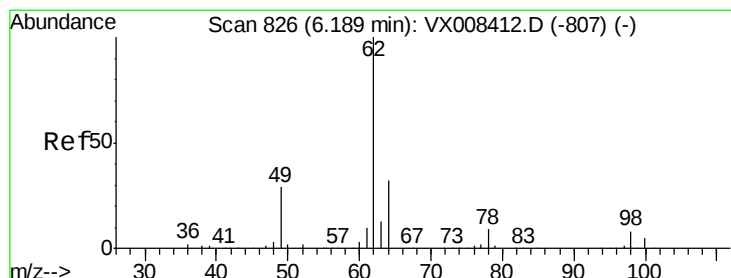
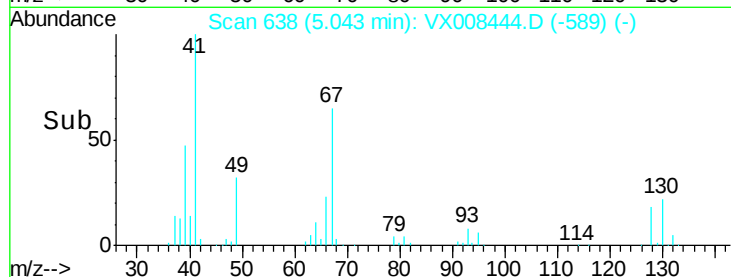
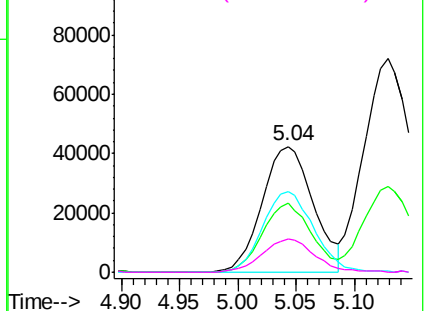


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 46.208 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX008444.D

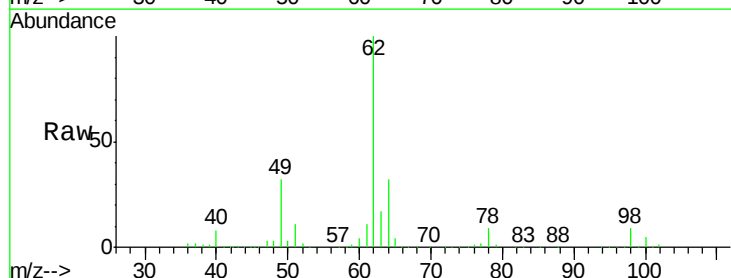
Acq: 26 Mar 2019 04:45

Tgt Ion: 62 Resp: 180765

Ion Ratio Lower Upper

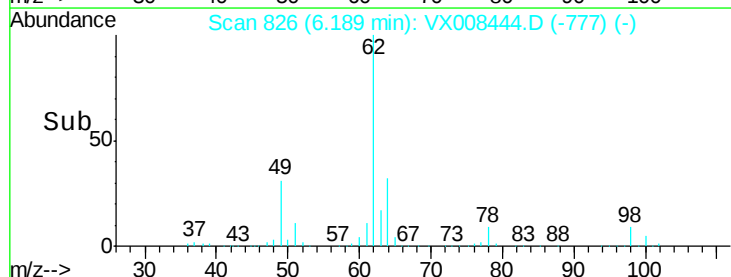
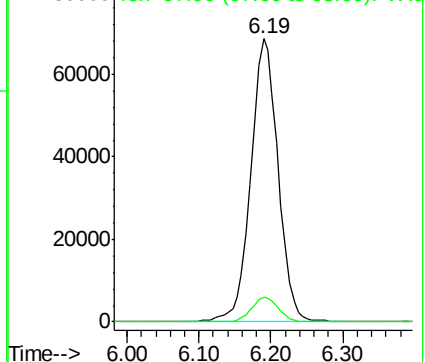
62 100

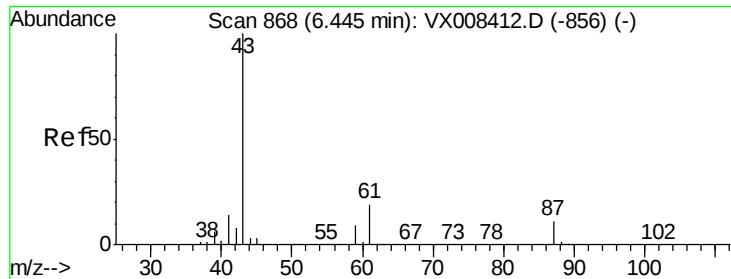
98 8.6 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.164 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

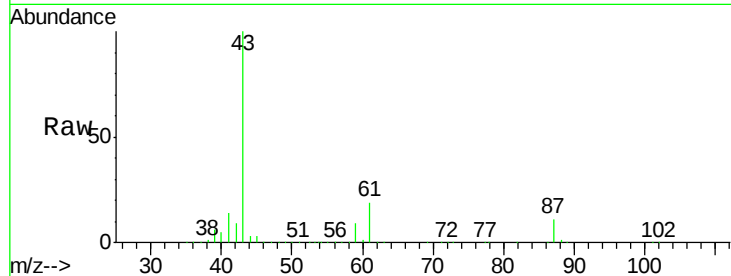
Tot Ion: 43 Resp: 363588

Ion Ratio Lower Upper

43 100

61 19.1 15.4 23.2

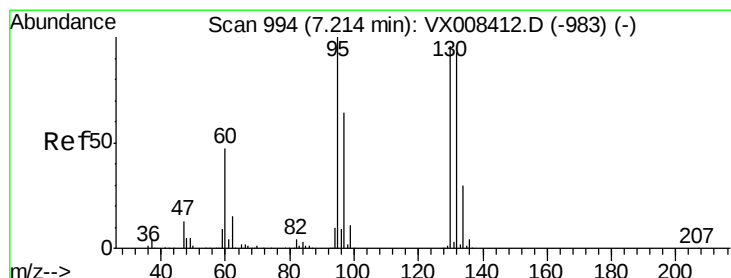
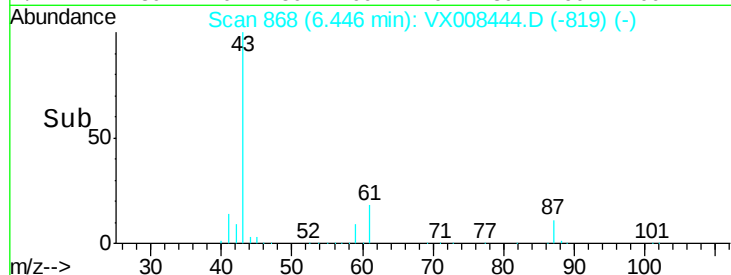
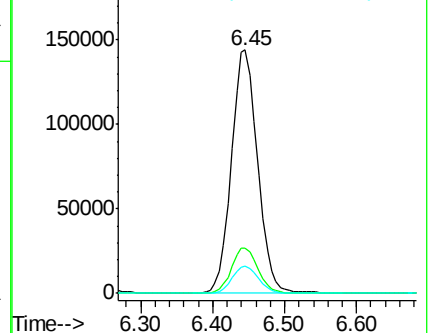
87 11.3 9.1 13.7



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: 45.625 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008444.D

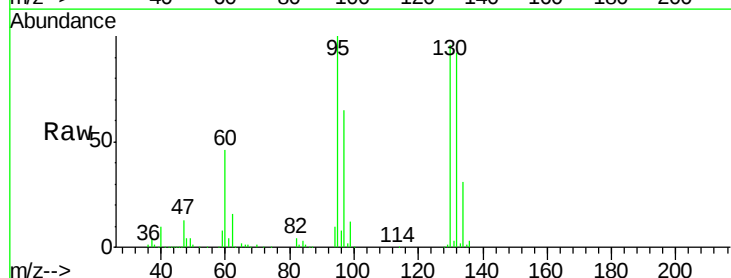
Acq: 26 Mar 2019 04:45

Tgt Ion:130 Resp: 114461

Ion Ratio Lower Upper

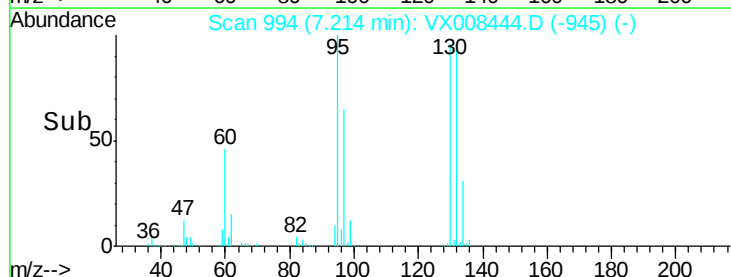
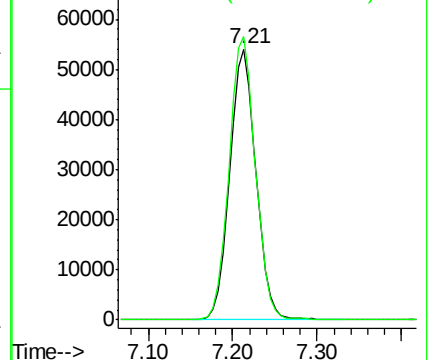
130 100

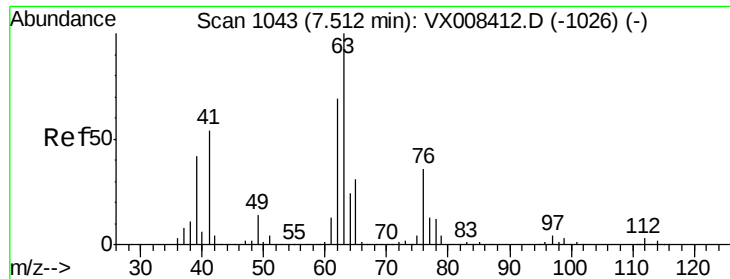
95 104.5 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.305 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

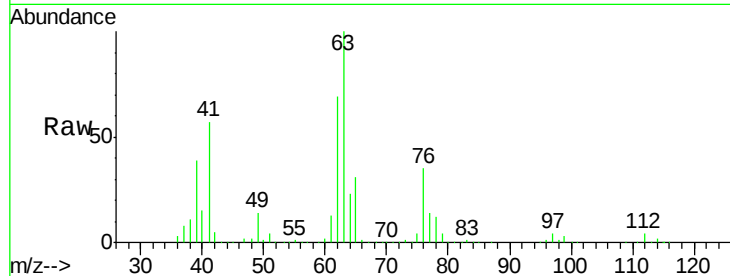
VSTDCCC050EC

Tot Ion: 63 Resp: 143664

Ion Ratio Lower Upper

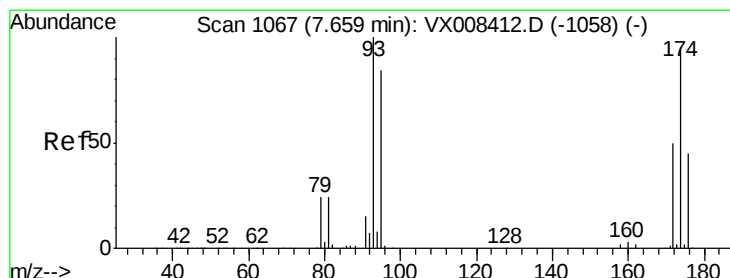
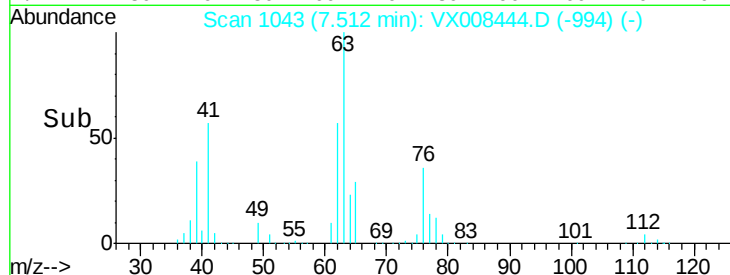
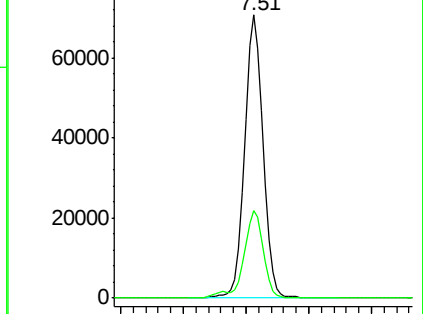
63 100

65 30.8 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.675 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

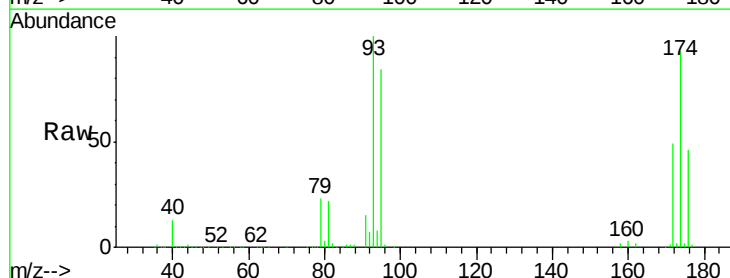
Tgt Ion: 93 Resp: 82775

Ion Ratio Lower Upper

93 100

95 83.6 67.0 100.6

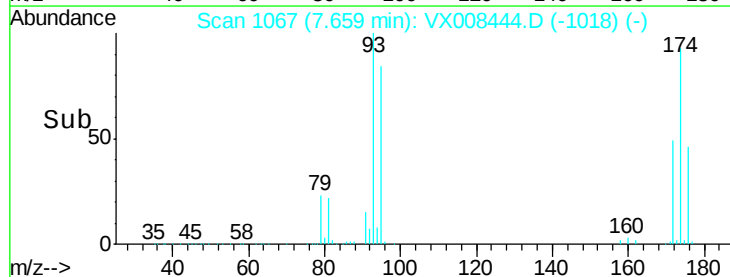
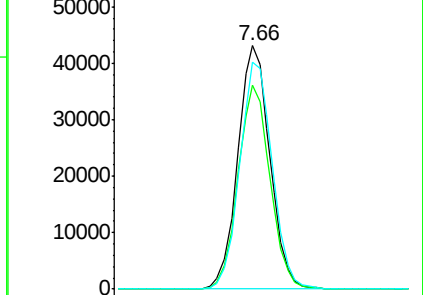
174 94.6 76.0 114.0

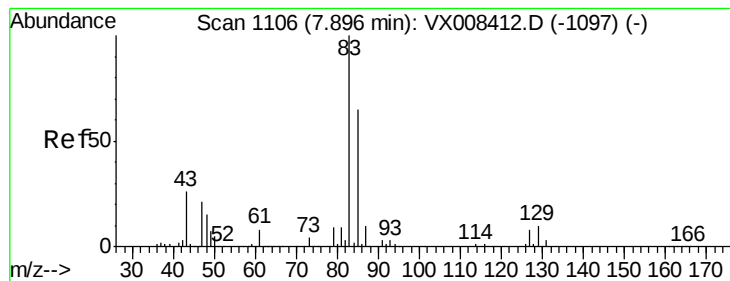


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.238 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

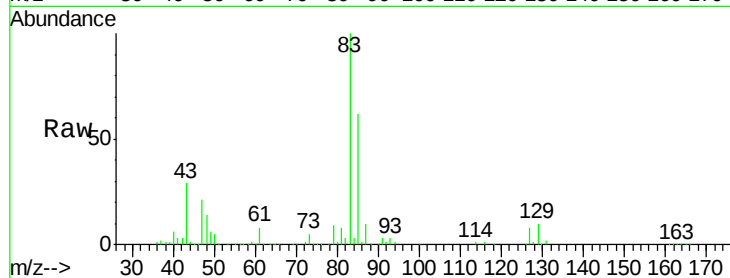
Tot Ion: 83 Resp: 167137

Ion Ratio Lower Upper

83 100

85 61.9 52.0 78.0

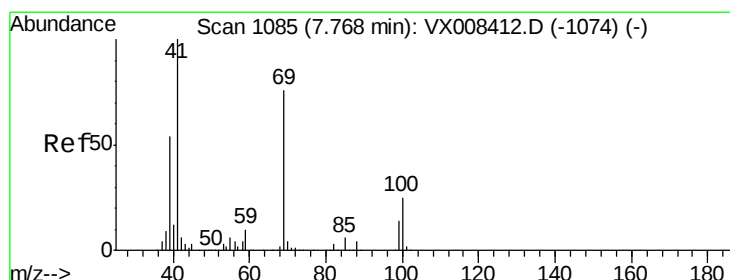
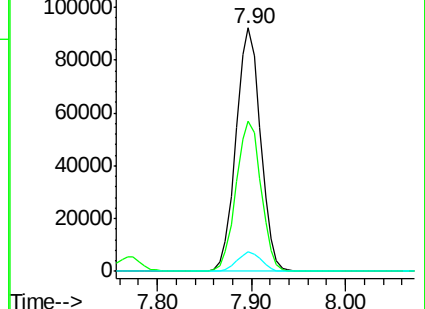
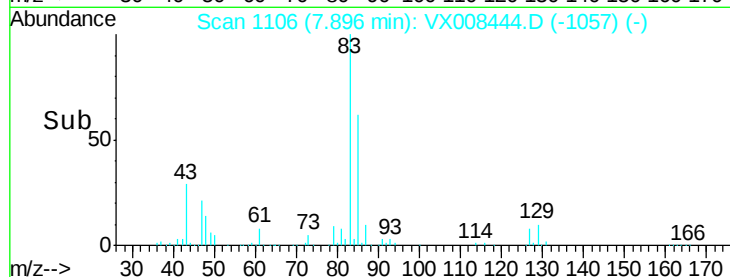
127 8.2 6.4 9.6



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: 49.645 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

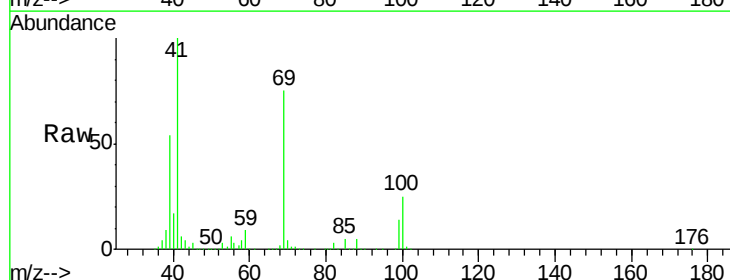
Tgt Ion: 41 Resp: 183703

Ion Ratio Lower Upper

41 100

69 75.3 60.8 91.2

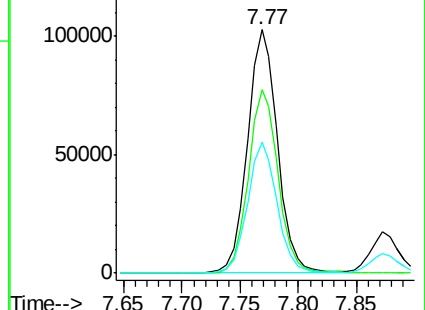
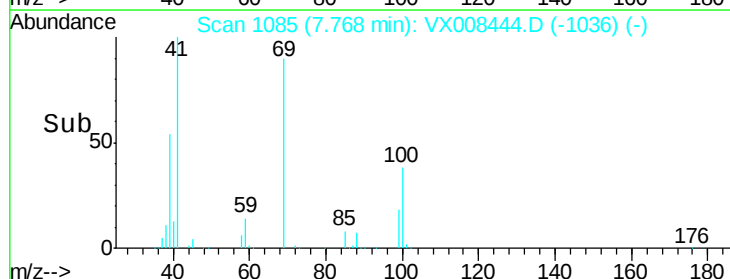
39 53.0 42.3 63.5

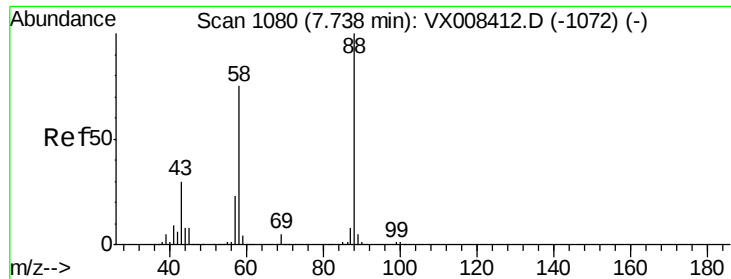


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

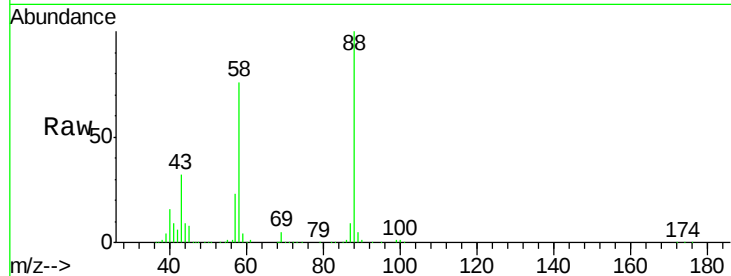




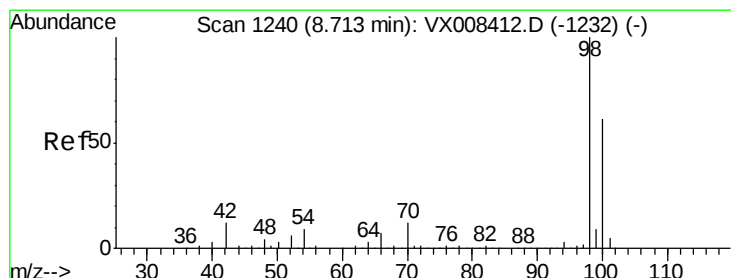
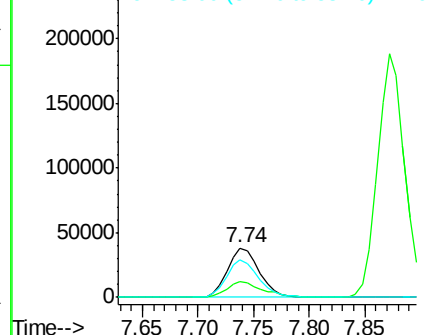
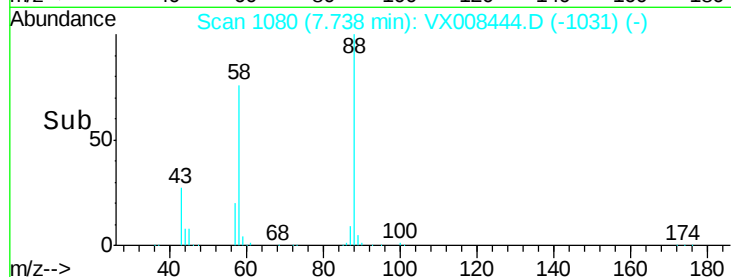
#49
 1,4-Dioxane
 Concen: 1023.851 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 75330
 Ion Ratio Lower Upper
 88 100
 43 35.7 28.6 43.0
 58 77.2 63.0 94.4

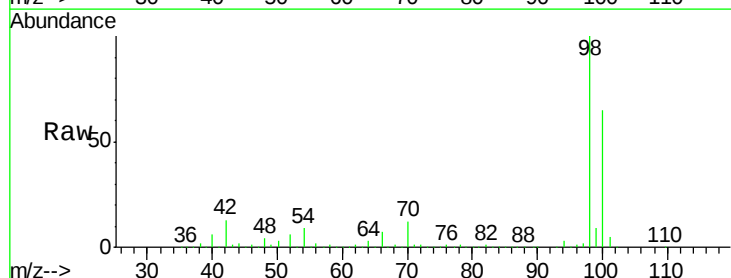


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

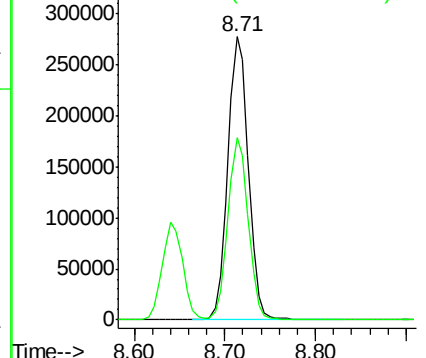
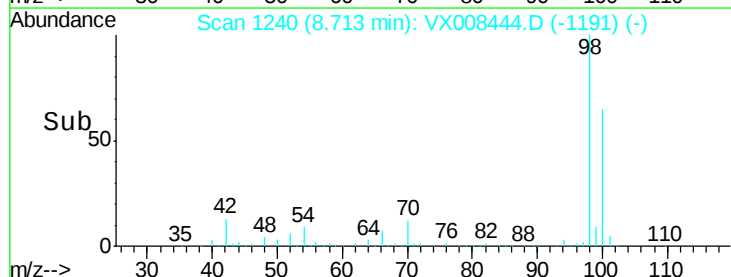


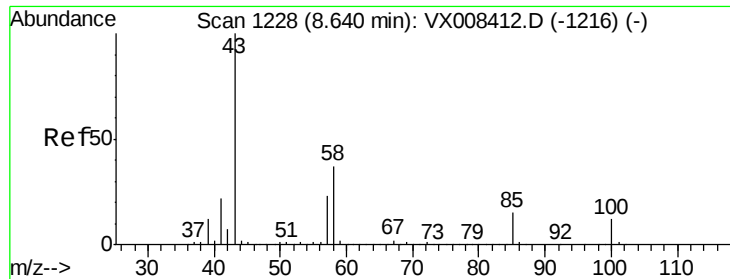
#50
 Toluene-d8
 Concen: 50.181 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Tgt Ion: 98 Resp: 437944
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.1 76.7



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





#51

4-Methyl-2-Pentanone

Concen: 252.152 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

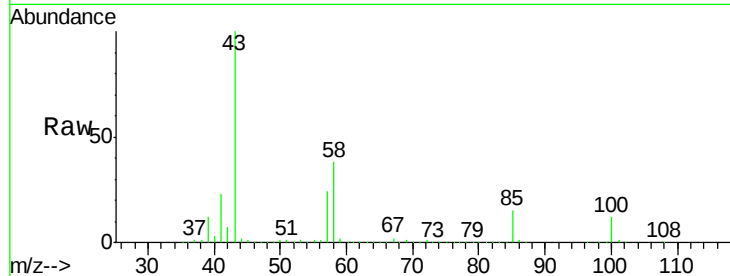
VSTDCCC050EC

Tot Ion: 43 Resp: 1211171

Ion Ratio Lower Upper

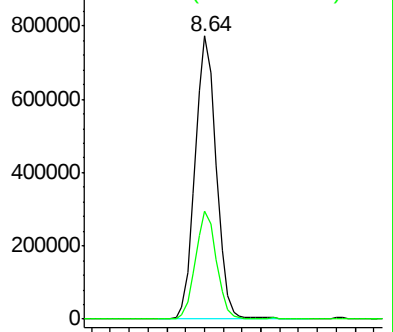
43 100

58 37.6 29.8 44.8

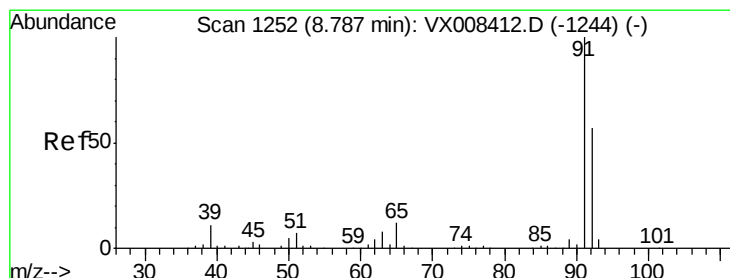
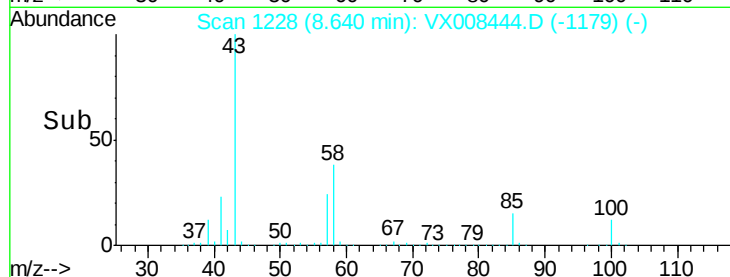


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 47.568 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008444.D

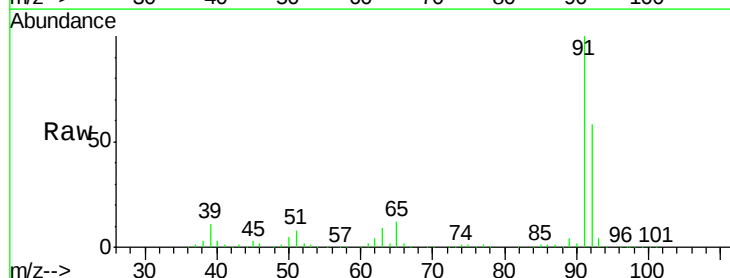
Acq: 26 Mar 2019 04:45

Tgt Ion: 92 Resp: 303895

Ion Ratio Lower Upper

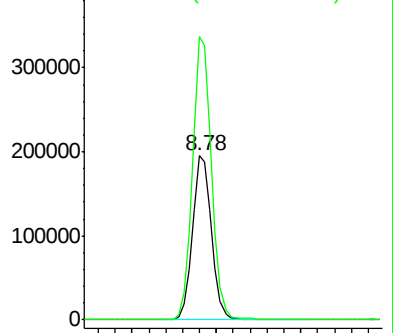
92 100

91 173.1 140.2 210.4

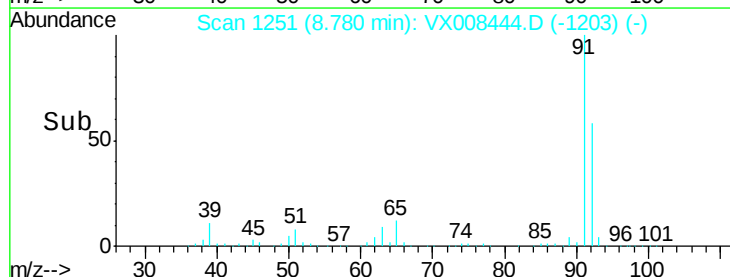


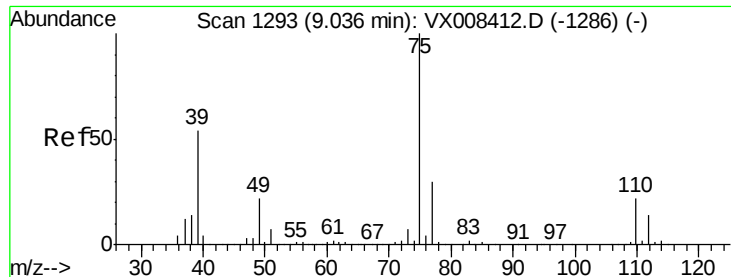
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 48.166 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

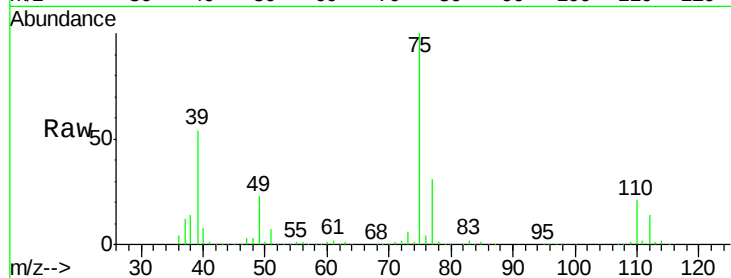
VSTDCCC050EC

Tot Ion: 75 Resp: 179082

Ion Ratio Lower Upper

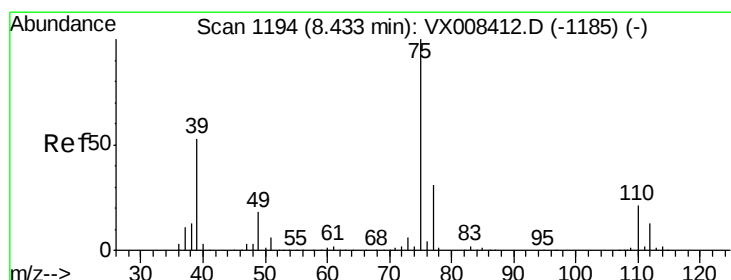
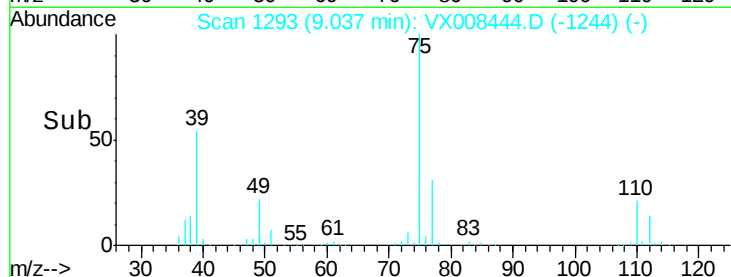
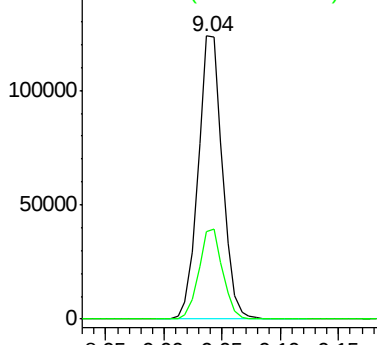
75 100

77 31.1 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.721 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

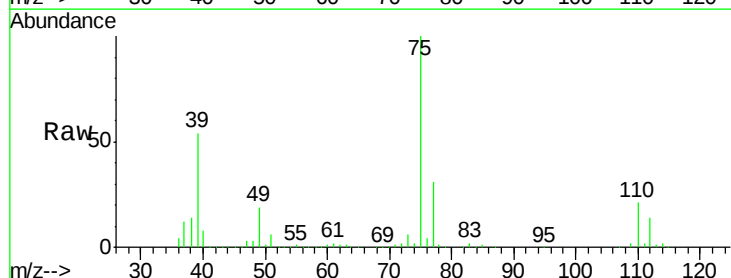
Tgt Ion: 75 Resp: 201758

Ion Ratio Lower Upper

75 100

77 31.4 24.7 37.1

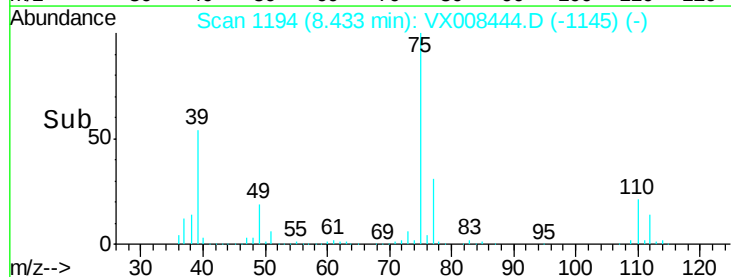
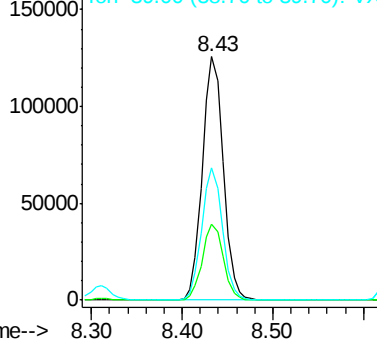
39 54.0 42.4 63.6

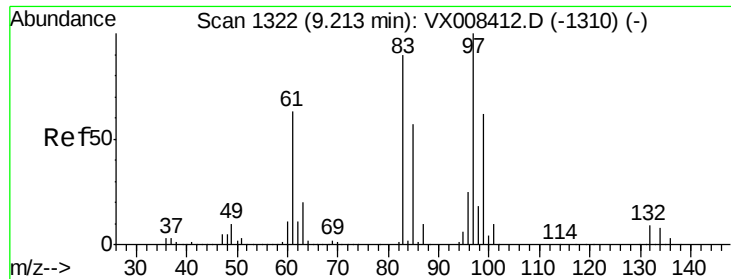


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

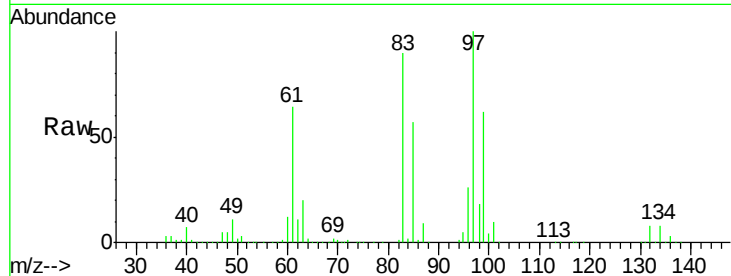




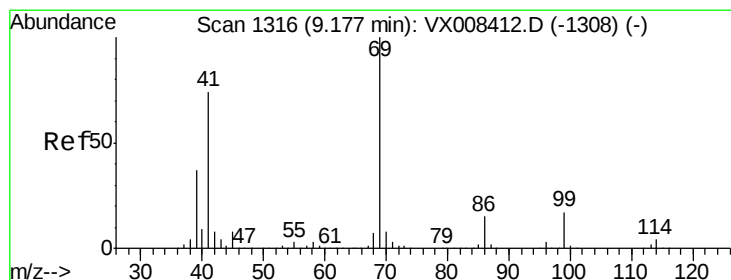
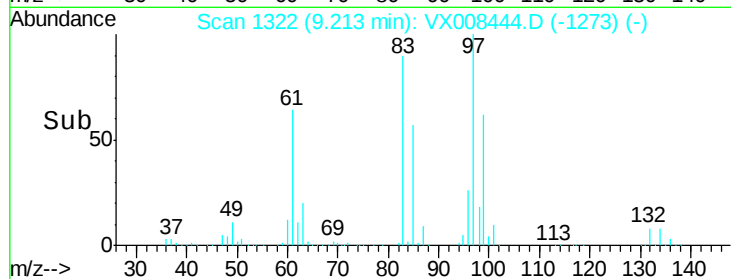
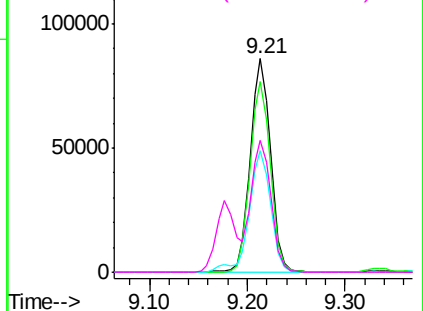
#55
 1,1,2-Trichloroethane
 Concen: 47.728 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	124121
Ion	Ratio	Lower	Upper
97	100		
83	89.6	71.8	107.6
85	56.8	45.9	68.9
99	61.8	49.4	74.0

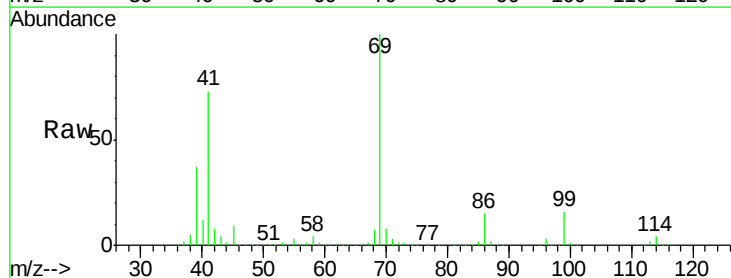


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

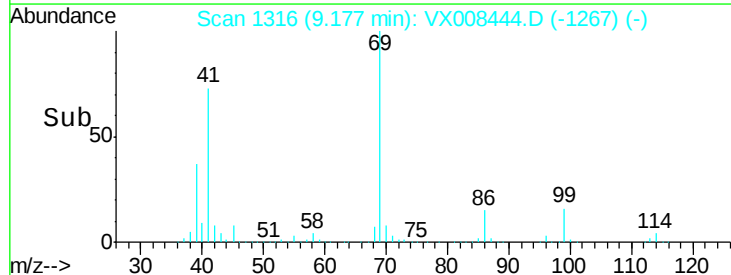
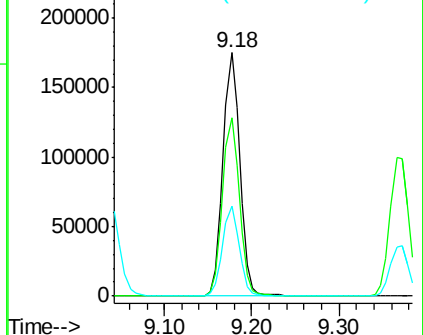


#56
 Ethyl methacrylate
 Concen: 50.096 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Tgt Ion:	69	Resp:	235167
Ion	Ratio	Lower	Upper
69	100		
41	73.6	59.5	89.3
39	36.4	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

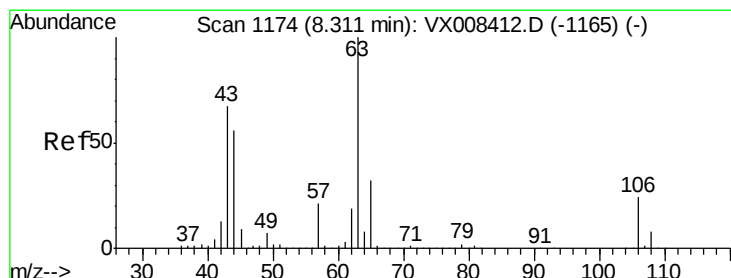
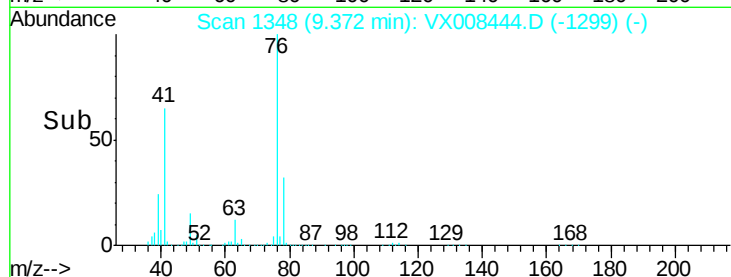
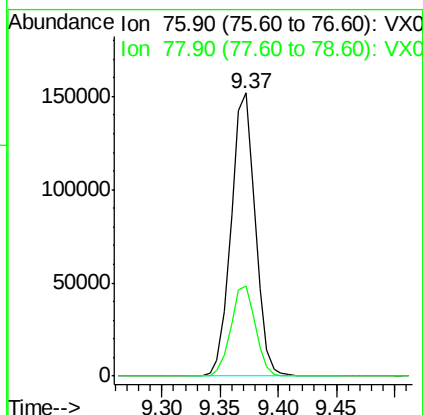
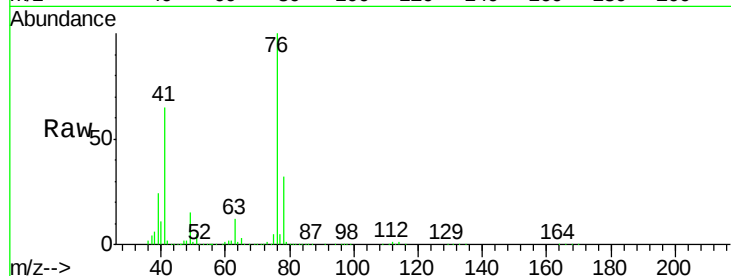




#57
 1,3-Dichloropropane
 Concen: 47.105 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

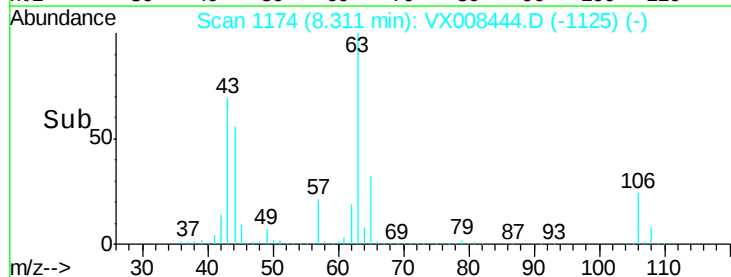
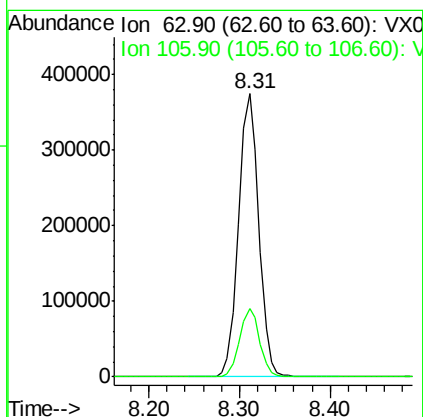
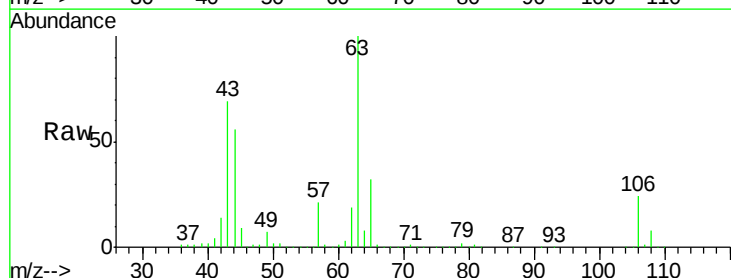
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

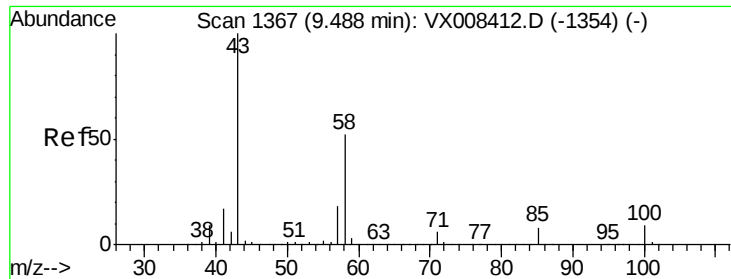
Tot Ion: 76 Resp: 219634
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.441 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Tgt Ion: 63 Resp: 578591
 Ion Ratio Lower Upper
 63 100
 106 24.0 19.0 28.6

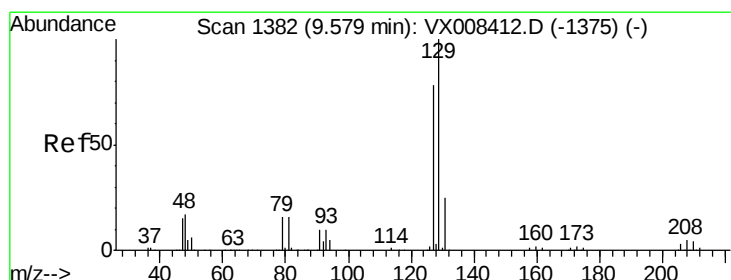
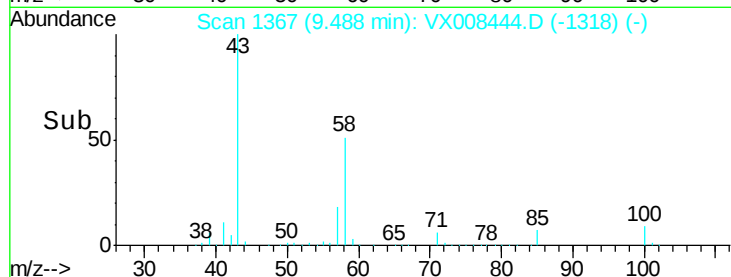
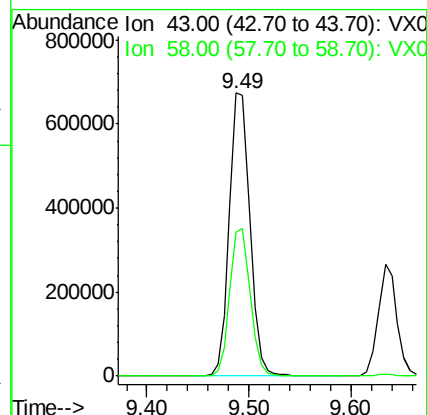
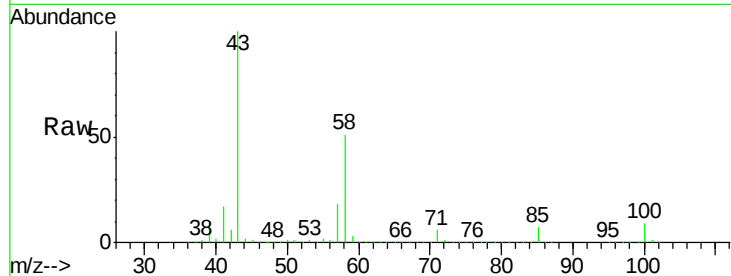




#59
2-Hexanone
Concen: 254.425 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

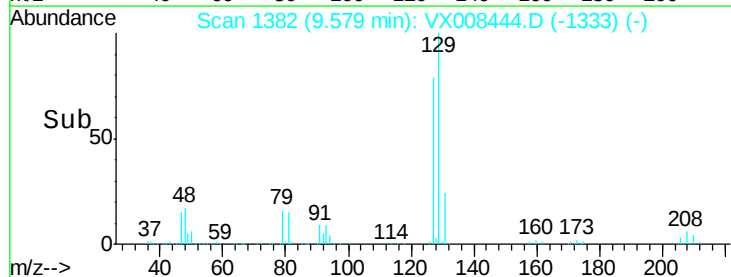
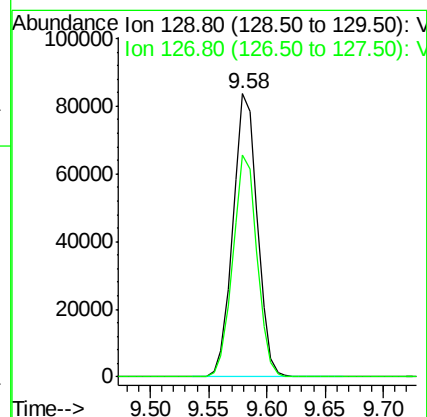
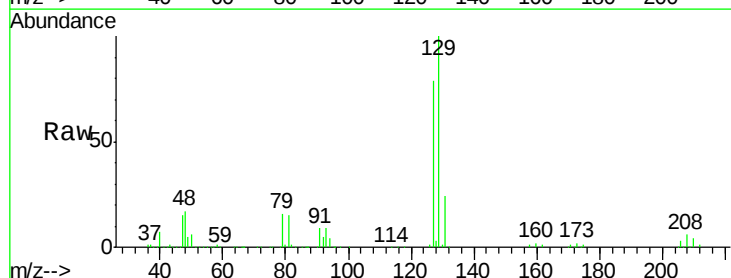
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

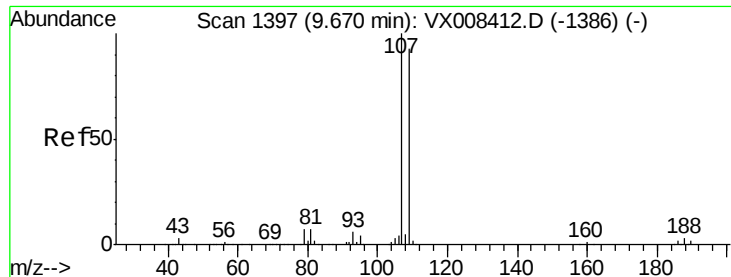
Tot Ion: 43 Resp: 946942
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9



#60
Dibromochloromethane
Concen: 49.373 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion: 129 Resp: 122110
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.3





#61

1,2-Dibromoethane

Concen: 48.067 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

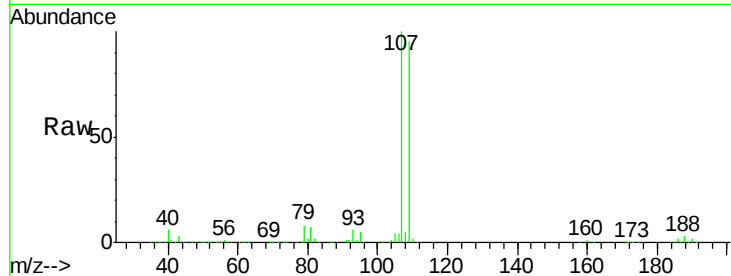
VSTDCCC050EC

Tot Ion:107 Resp: 127567

Ion Ratio Lower Upper

107 100

109 94.3 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

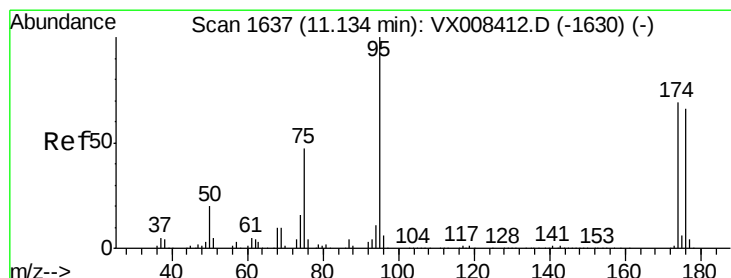
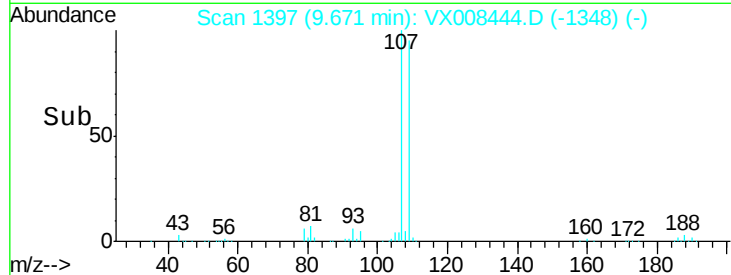
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.486 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

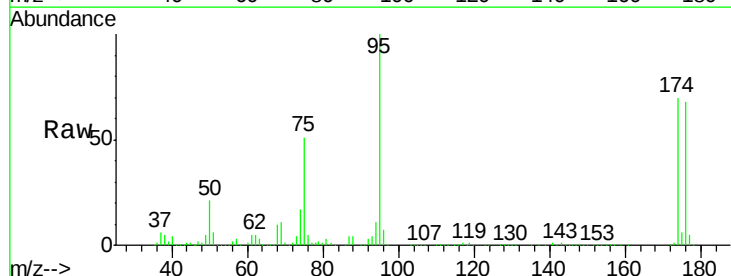
Tgt Ion: 95 Resp: 163273

Ion Ratio Lower Upper

95 100

174 74.8 0.0 147.2

176 72.5 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

11.13

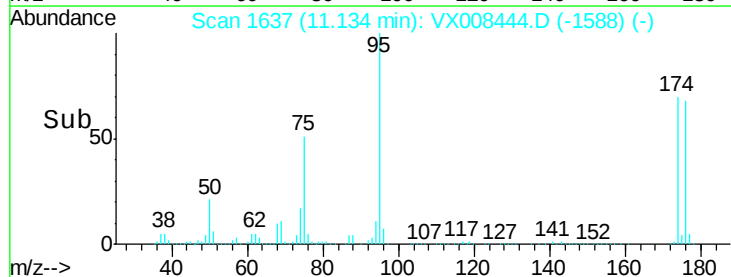
150000

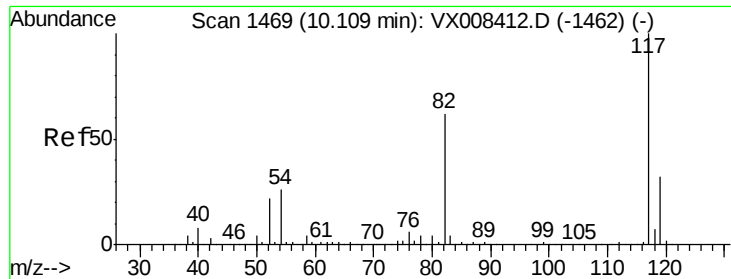
100000

50000

0

Time-->

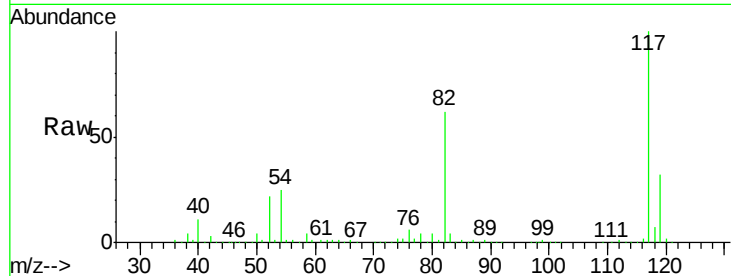




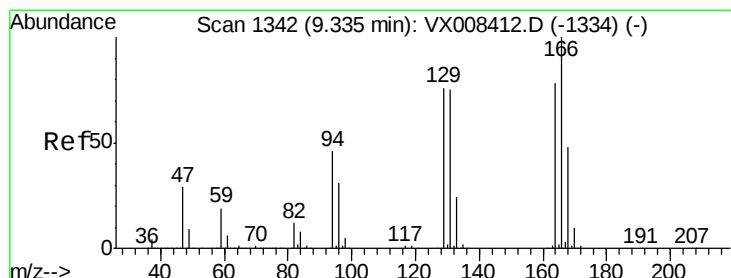
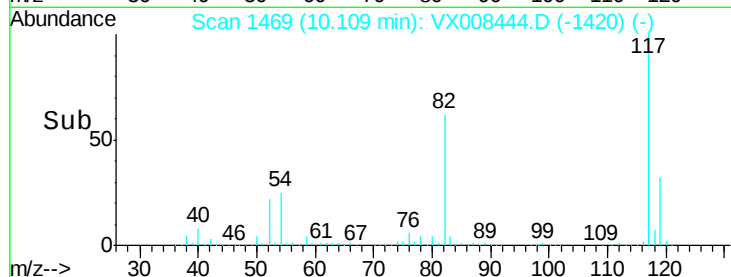
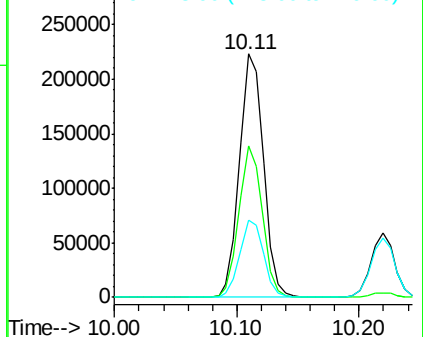
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 302878
Ion Ratio Lower Upper
117 100
82 62.1 49.4 74.2
119 31.9 25.4 38.0



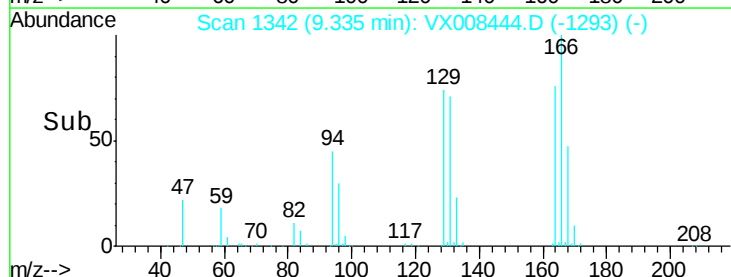
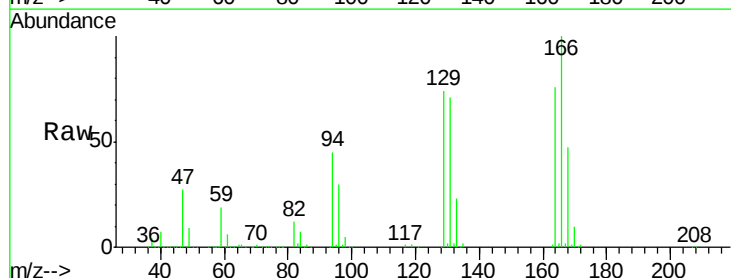
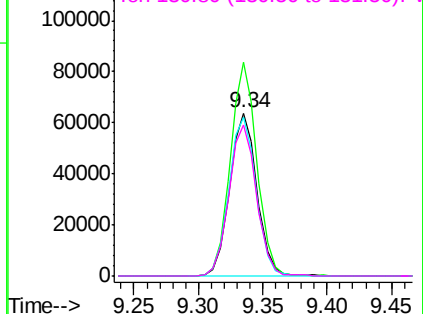
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

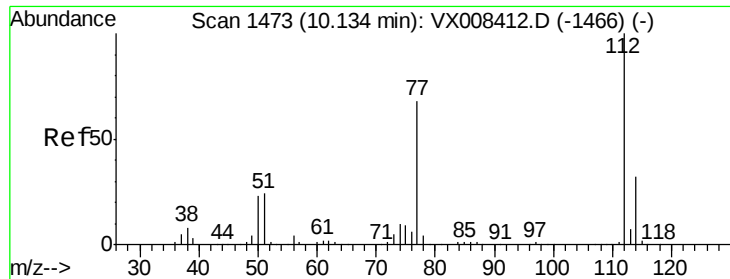


#64
Tetrachloroethene
Concen: 45.965 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion:164 Resp: 94250
Ion Ratio Lower Upper
164 100
166 130.9 102.5 153.7
129 97.2 77.8 116.8
131 92.4 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

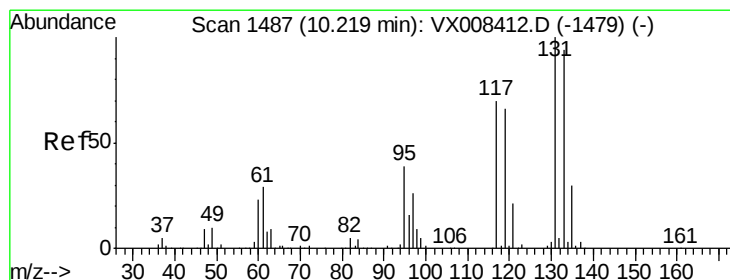
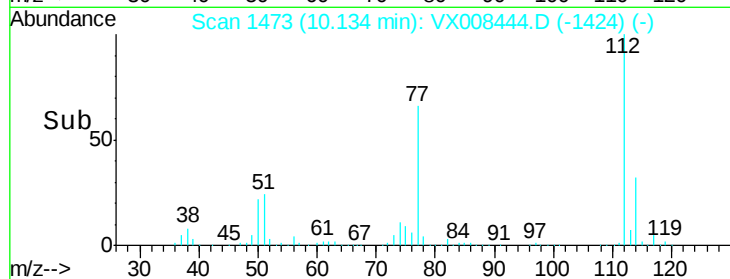
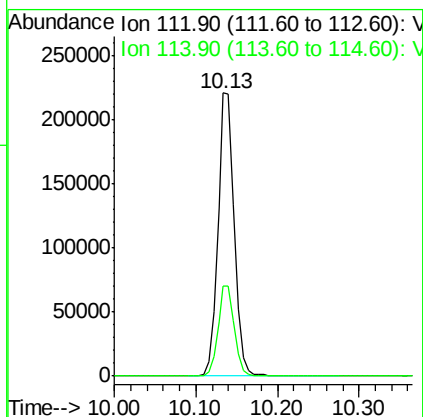
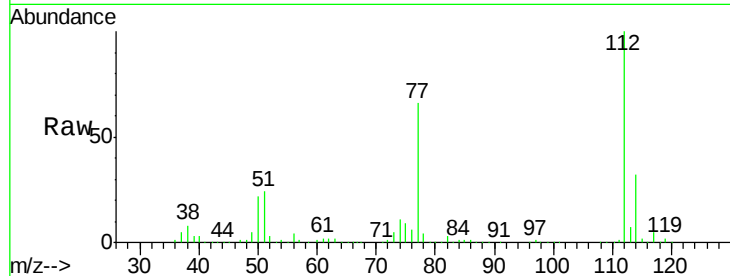




#65
Chlorobenzene
Concen: 47.114 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

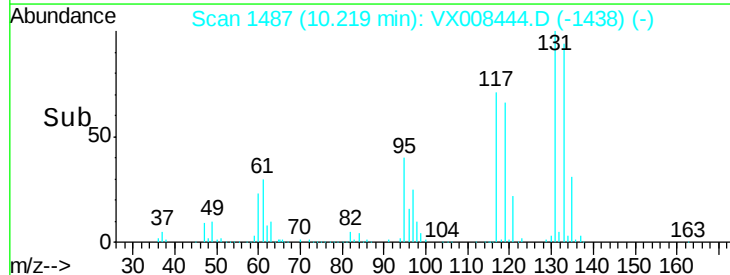
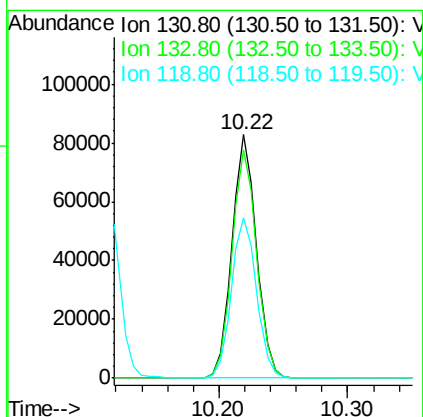
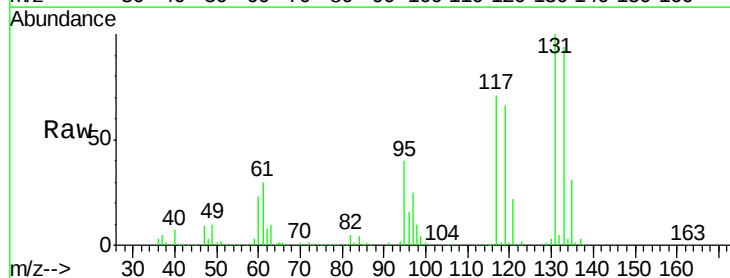
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

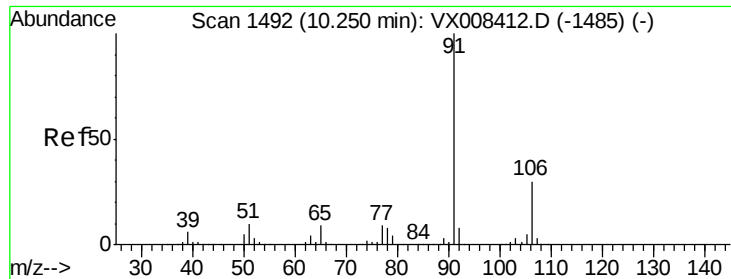
Tot Ion:112 Resp: 310326
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.414 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion:131 Resp: 110019
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 67.7 33.6 100.6

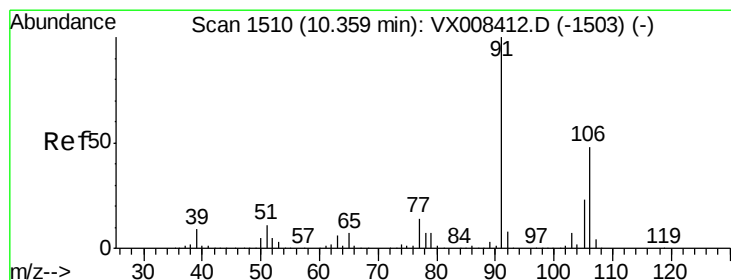
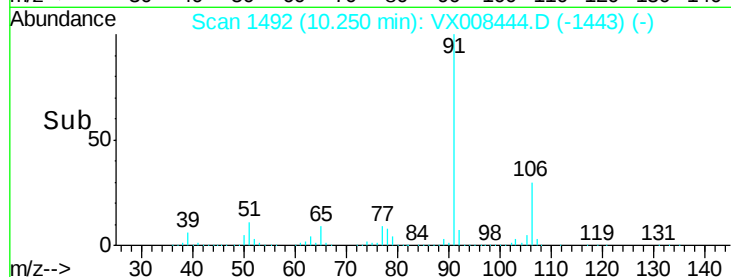
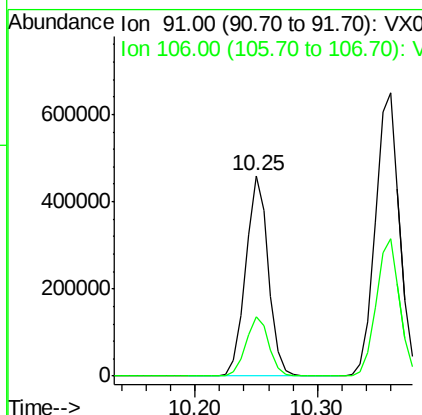
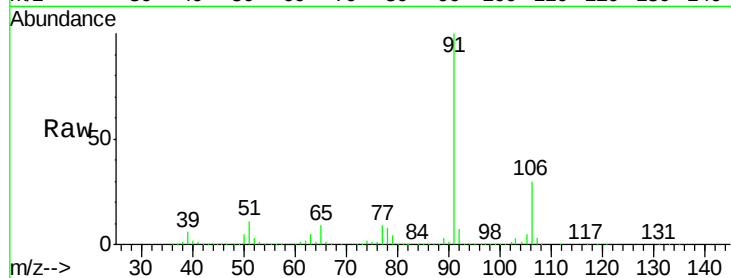




#67
Ethyl Benzene
Concen: 47.335 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

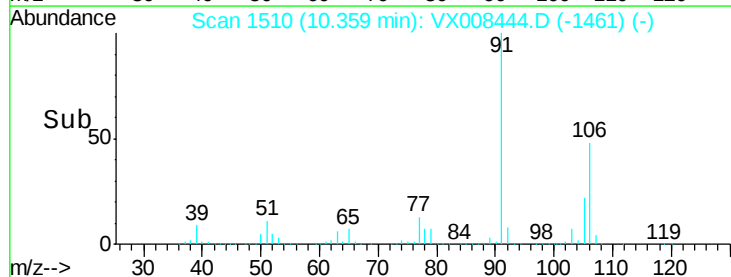
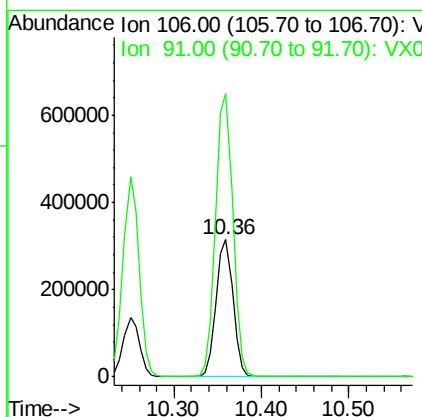
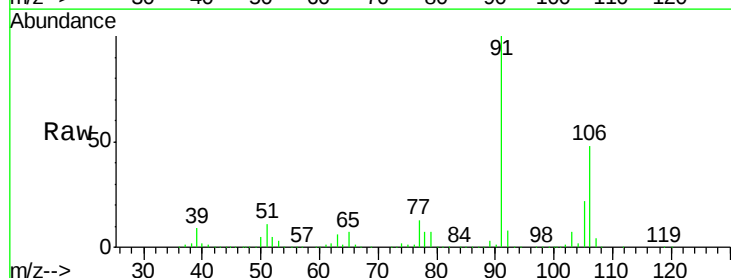
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

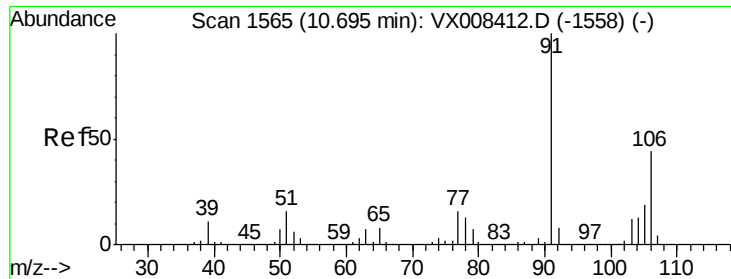
Tot Ion: 91 Resp: 588415
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0



#68
m/p-Xylenes
Concen: 93.331 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion: 106 Resp: 422075
Ion Ratio Lower Upper
106 100
91 210.8 168.6 253.0

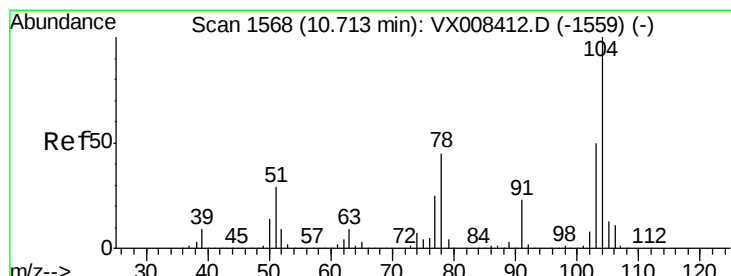
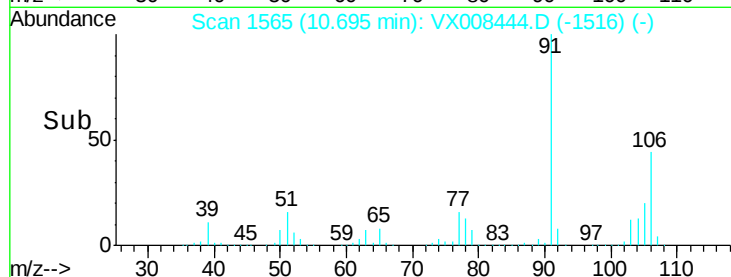
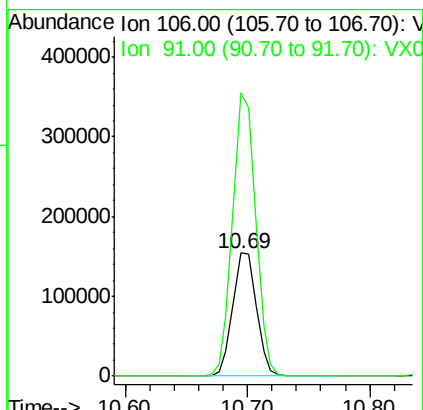
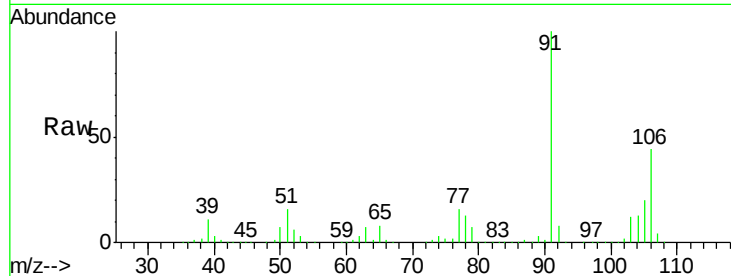




#69
o-Xylene
Concen: 47.185 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

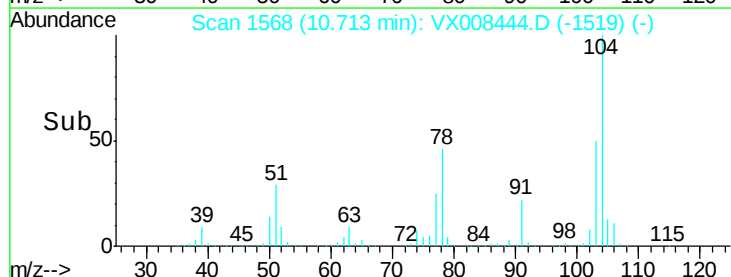
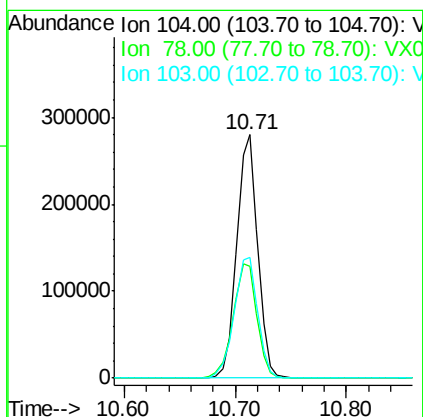
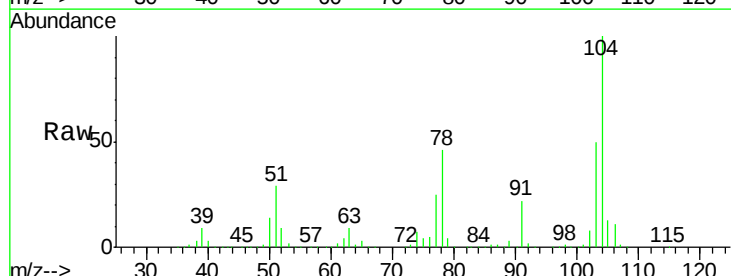
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

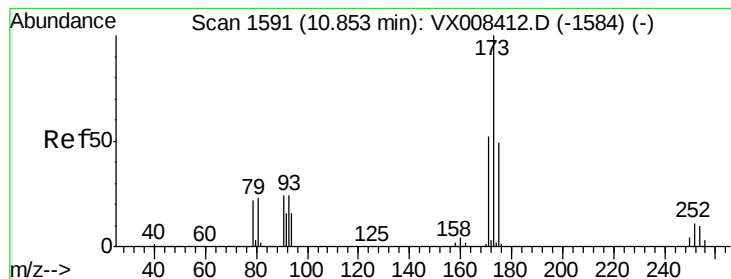
Tot Ion:106 Resp: 207075
Ion Ratio Lower Upper
106 100
91 223.6 111.4 334.2



#70
Styrene
Concen: 48.084 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion:104 Resp: 364511
Ion Ratio Lower Upper
104 100
78 53.4 42.5 63.7
103 55.7 44.2 66.4





#71

Bromoform

Concen: 49.992 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

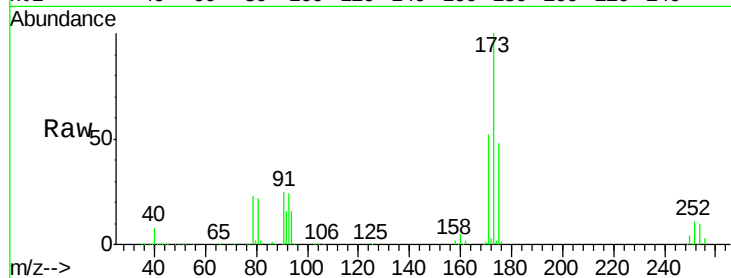
Tot Ion:173 Resp: 89717

Ion Ratio Lower Upper

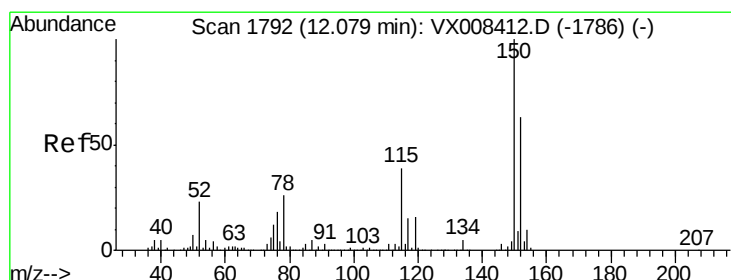
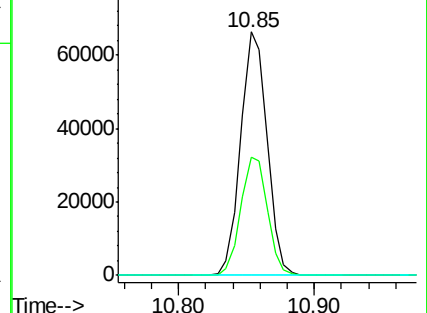
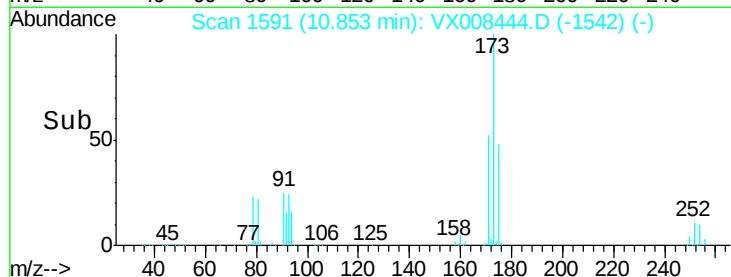
173 100

175 48.9 24.3 72.8

254 0.1 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: VX008444.D

Acq: 26 Mar 2019 04:45

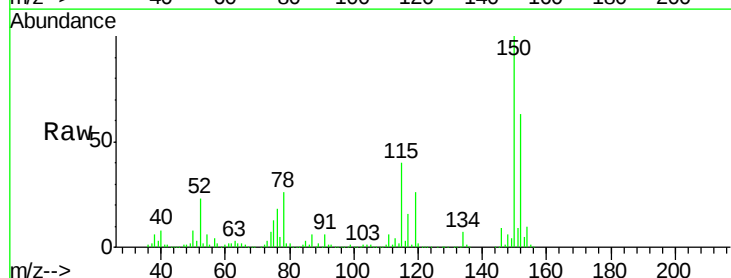
Tgt Ion:152 Resp: 143214

Ion Ratio Lower Upper

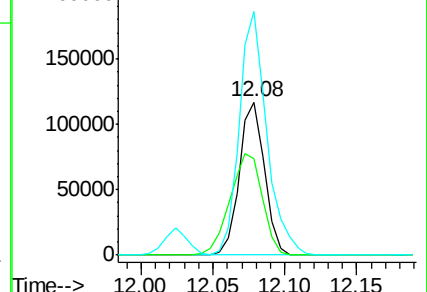
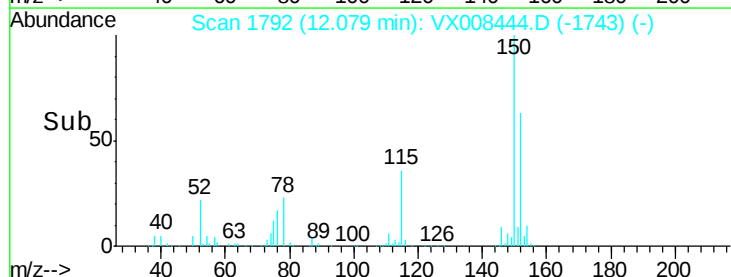
152 100

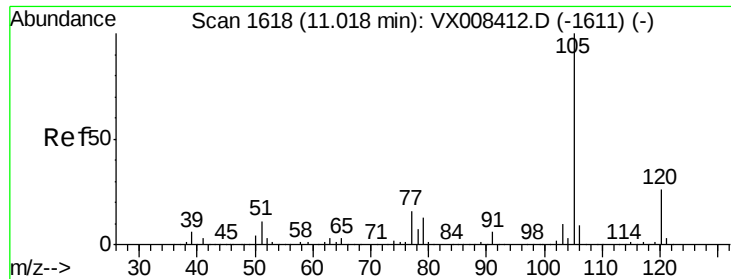
115 85.2 43.5 130.5

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

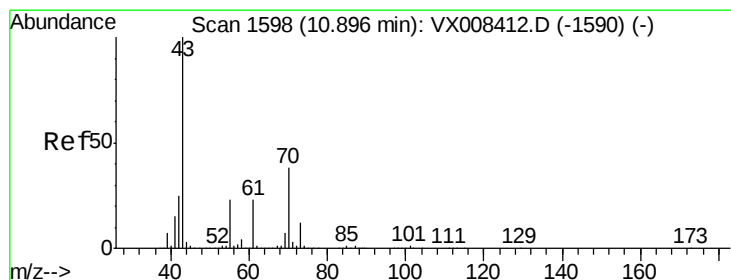
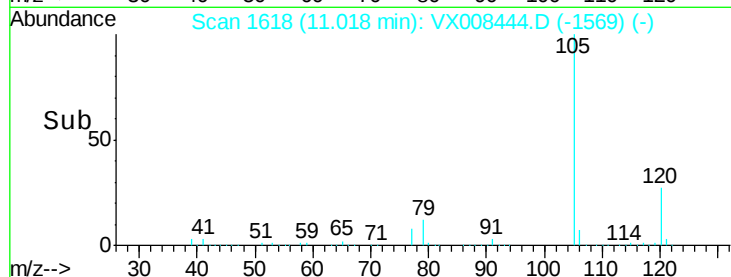
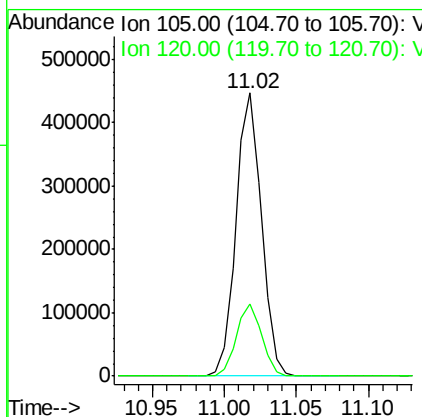
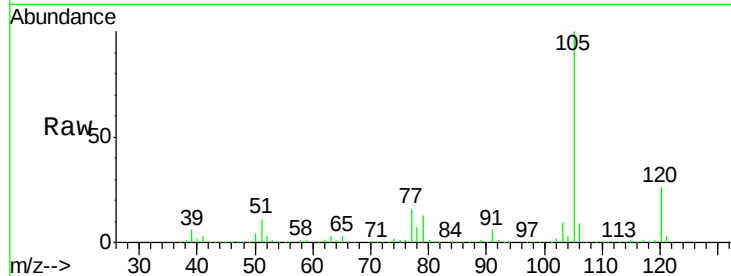




#73
Isopropylbenzene
Concen: 47.367 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

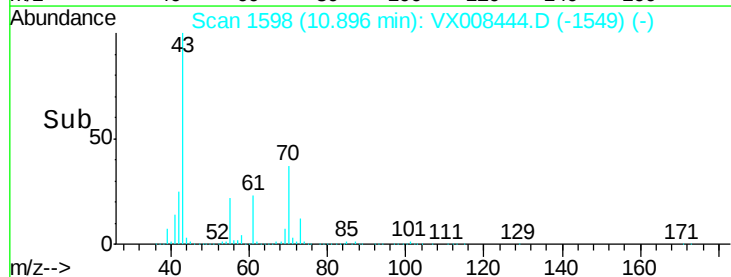
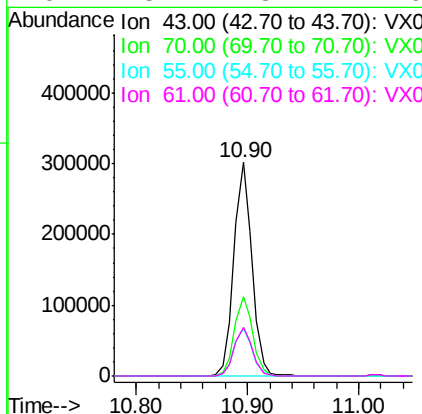
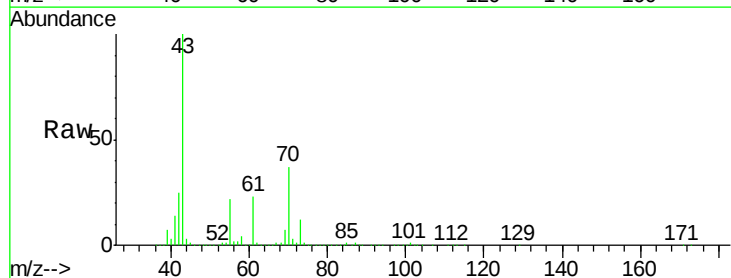
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

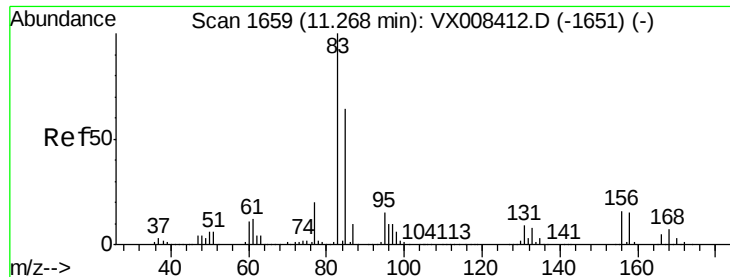
Tot Ion: 105 Resp: 551876
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.7



#74
N-ethyl acetate
Concen: 50.076 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion: 43 Resp: 337704
Ion Ratio Lower Upper
43 100
70 38.0 30.5 45.7
55 22.6 18.2 27.2
61 23.1 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.382 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

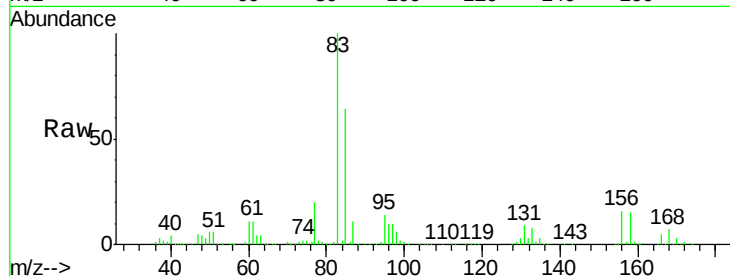
Tot Ion: 83 Resp: 214197

Ion Ratio Lower Upper

83 100

131 9.0 4.5 13.4

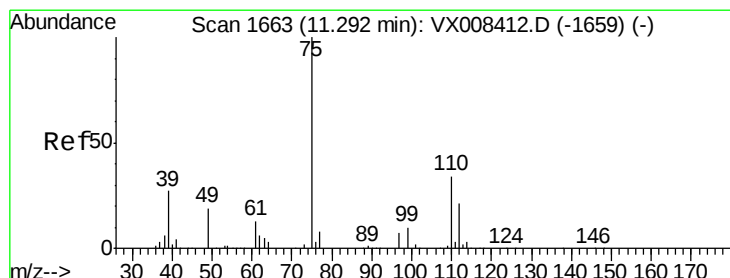
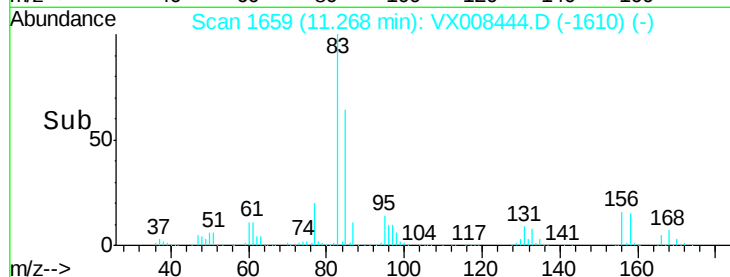
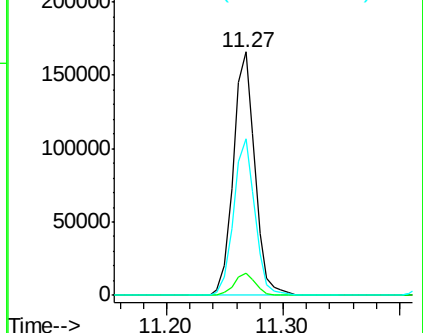
85 63.7 31.9 95.9



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: 55.953 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008444.D

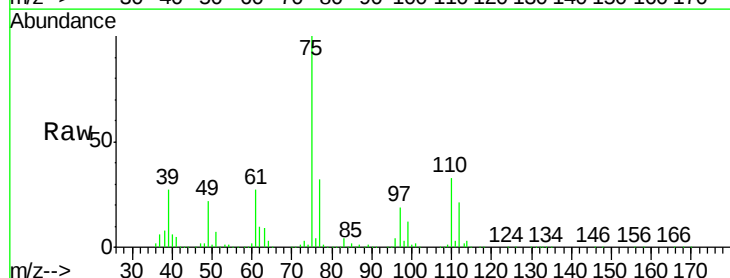
Acq: 26 Mar 2019 04:45

Tgt Ion: 75 Resp: 238229

Ion Ratio Lower Upper

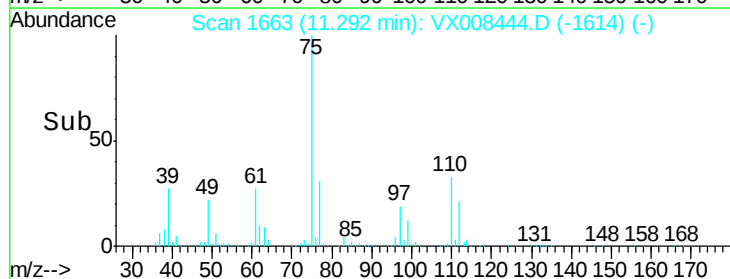
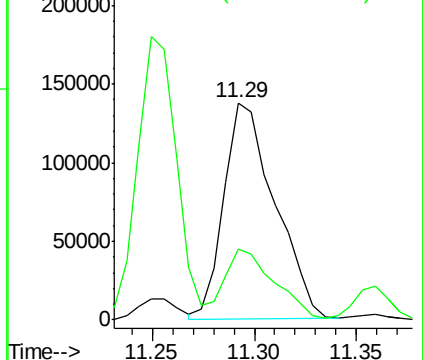
75 100

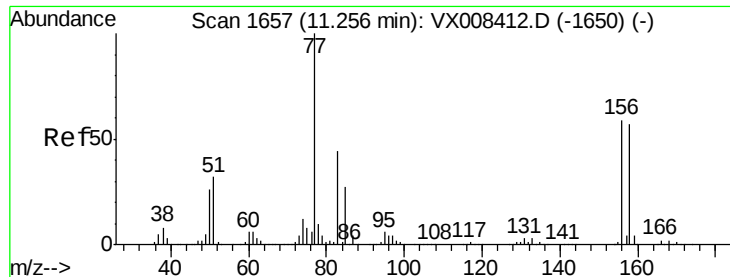
77 32.2 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.021 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

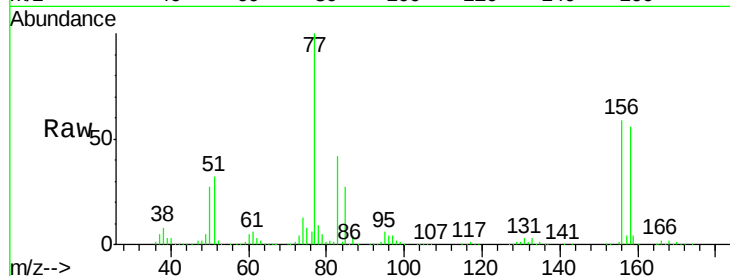
Tot Ion:156 Resp: 130134

Ion Ratio Lower Upper

156 100

77 183.7 91.1 273.3

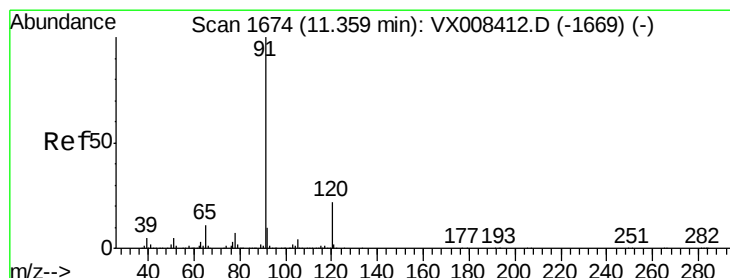
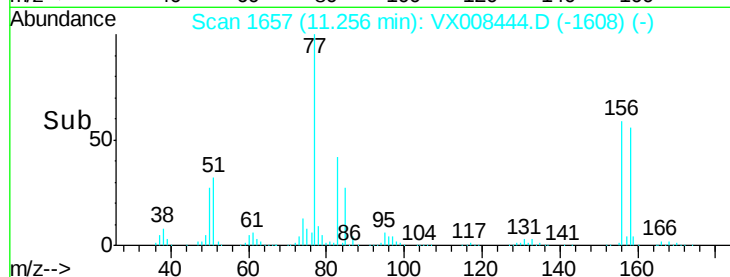
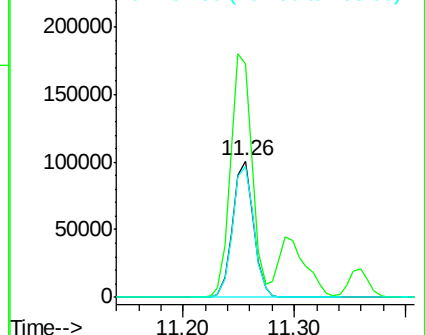
158 97.7 48.3 144.8



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: 47.270 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008444.D

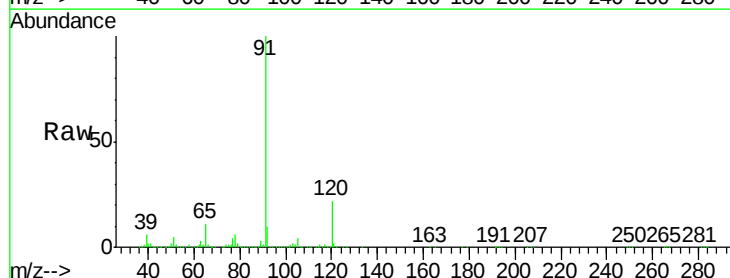
Acq: 26 Mar 2019 04:45

Tgt Ion: 91 Resp: 645164

Ion Ratio Lower Upper

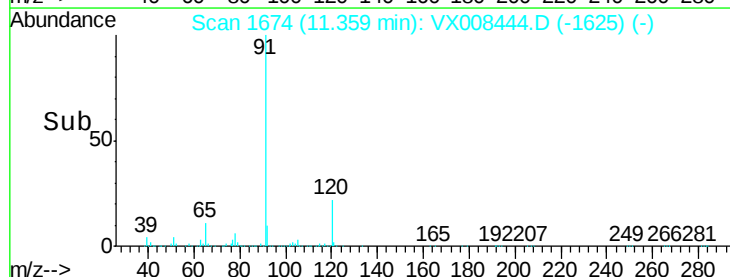
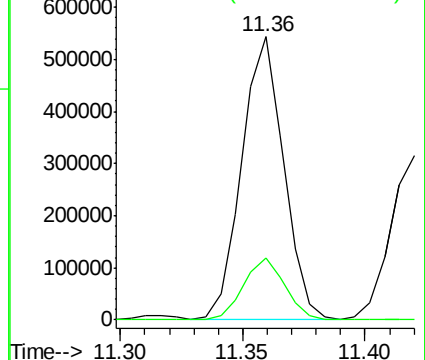
91 100

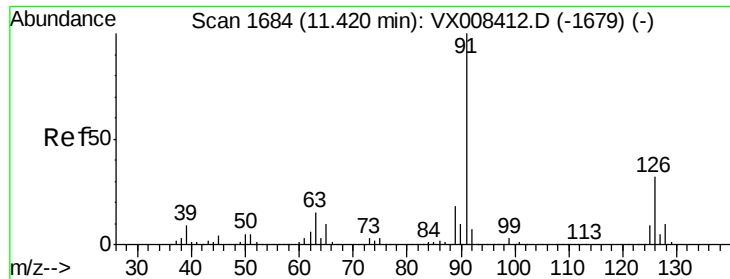
120 21.7 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.816 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

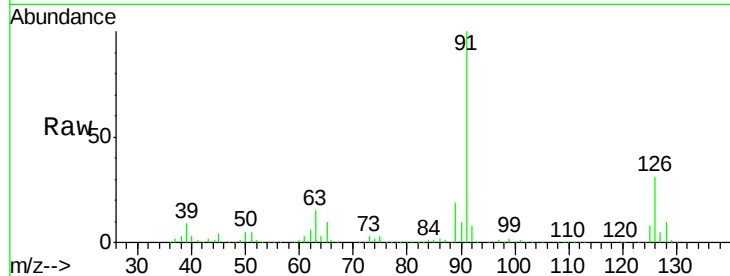
VSTDCCC050EC

Tot Ion: 91 Resp: 388649

Ion Ratio Lower Upper

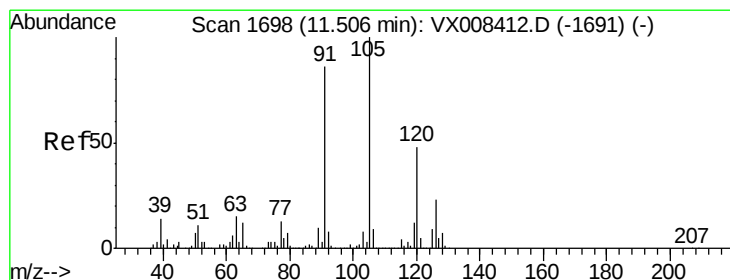
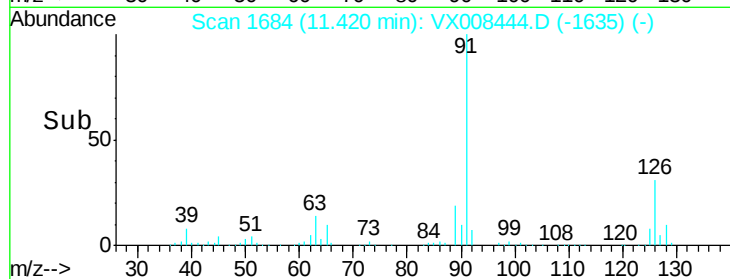
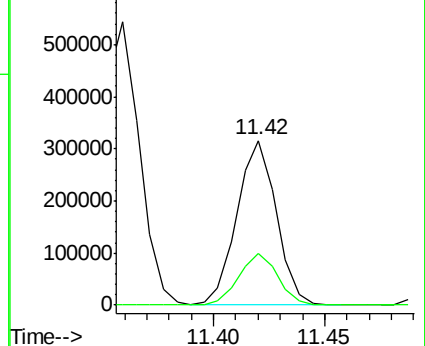
91 100

126 31.5 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.112 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008444.D

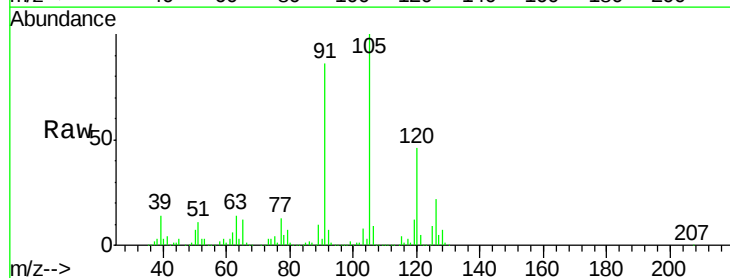
Acq: 26 Mar 2019 04:45

Tgt Ion:105 Resp: 464060

Ion Ratio Lower Upper

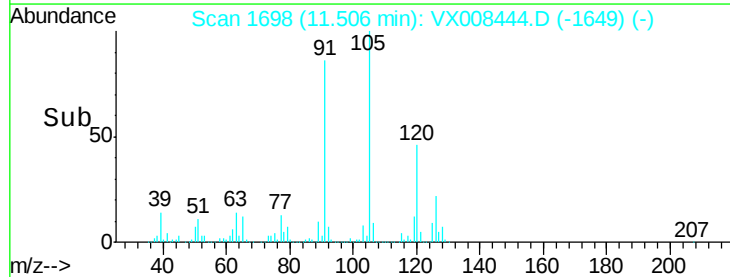
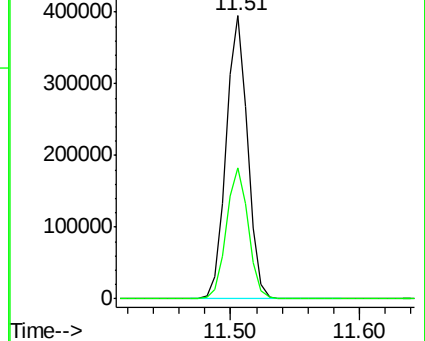
105 100

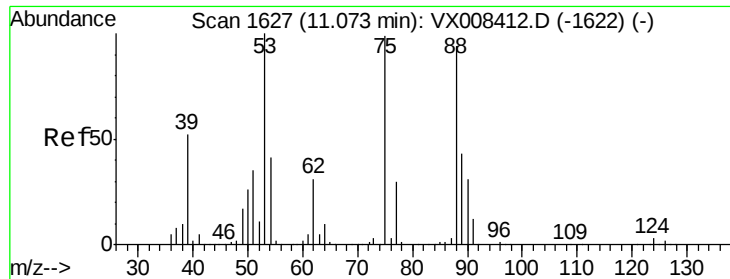
120 47.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.008 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

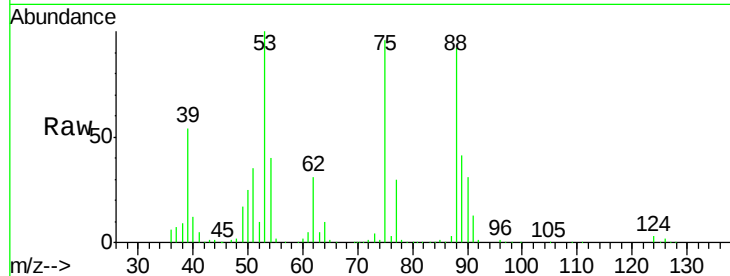
Tot Ion: 75 Resp: 62489

Ion Ratio Lower Upper

75 100

53 105.3 82.1 123.1

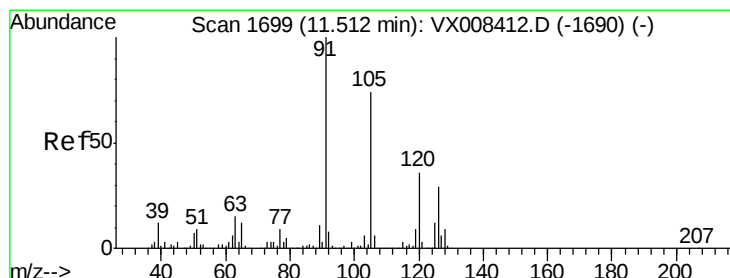
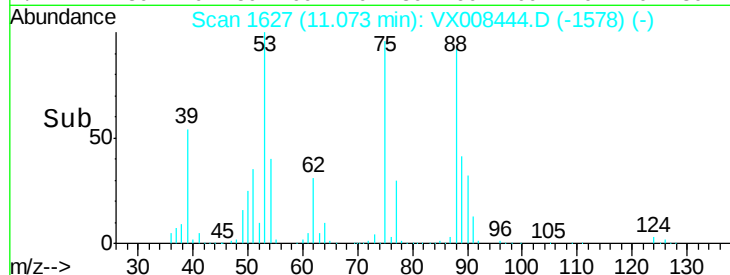
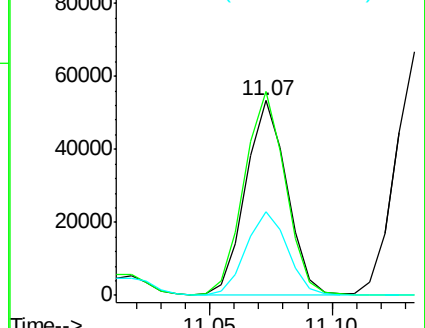
89 43.7 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.406 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008444.D

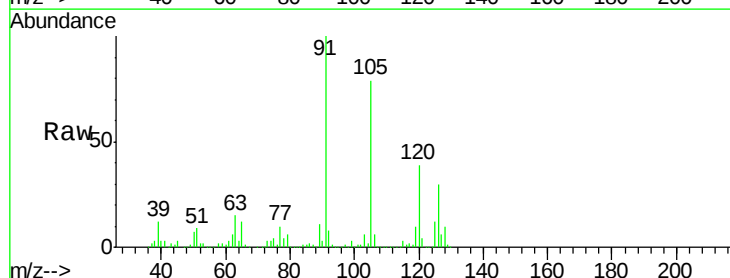
Acq: 26 Mar 2019 04:45

Tgt Ion: 91 Resp: 444380

Ion Ratio Lower Upper

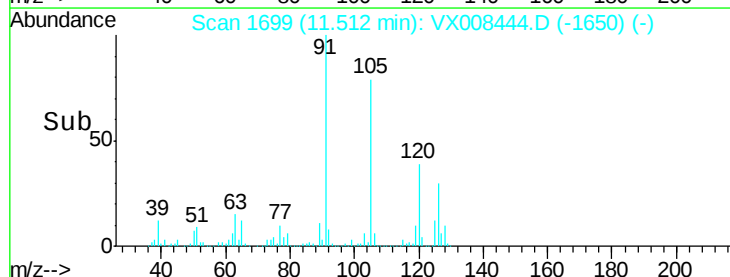
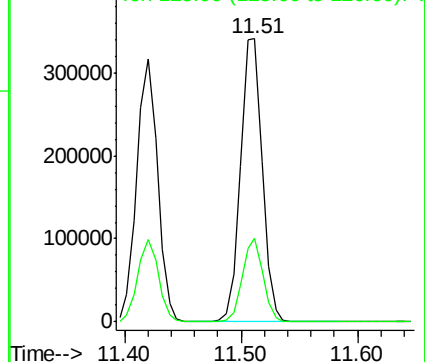
91 100

126 27.9 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

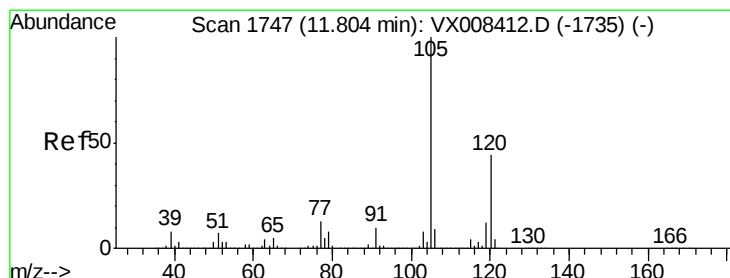
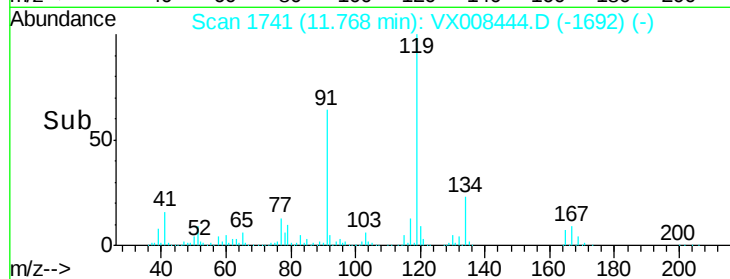
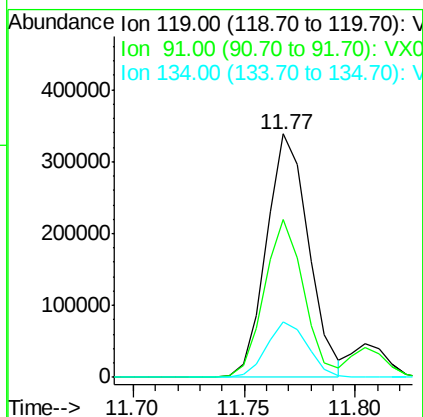
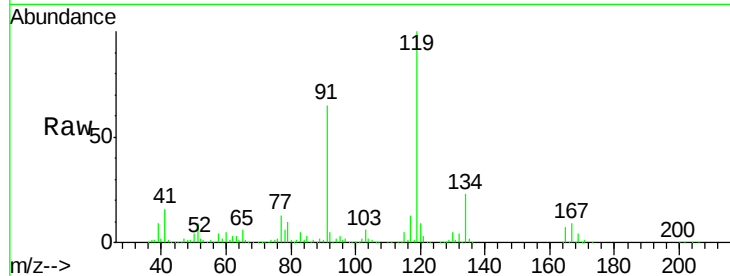




#83
 tert-Butylbenzene
 Concen: 46.909 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

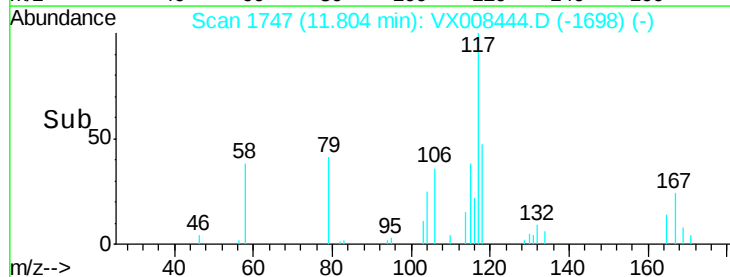
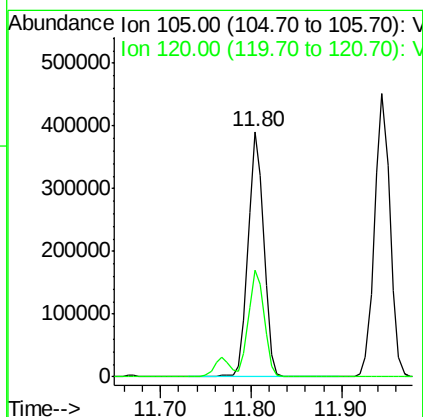
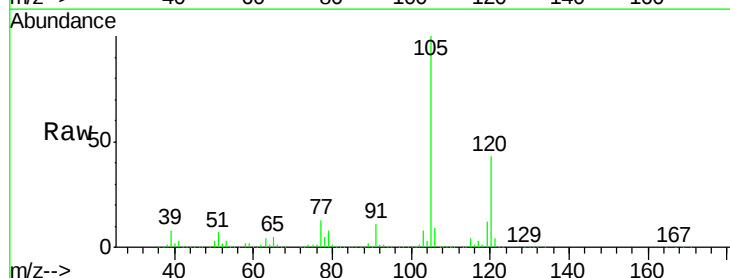
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

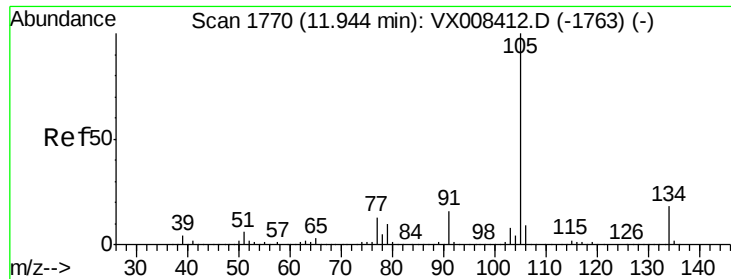
Tot Ion:119 Resp: 445798
 Ion Ratio Lower Upper
 119 100
 91 60.8 30.1 90.3
 134 22.1 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 46.888 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Tgt Ion:105 Resp: 467146
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.6 65.0





#85

sec-Butylbenzene

Concen: 47.057 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

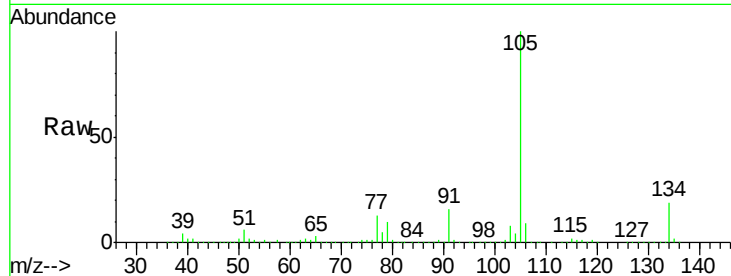
VSTDCCC050EC

Tot Ion:105 Resp: 532562

Ion Ratio Lower Upper

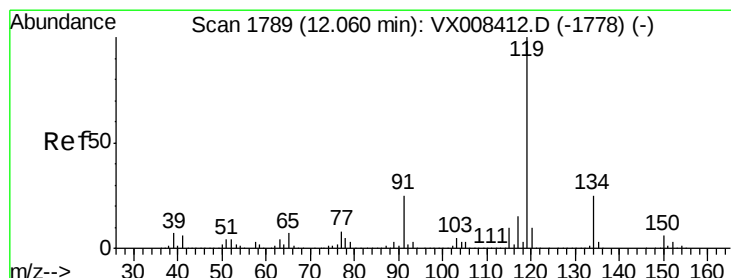
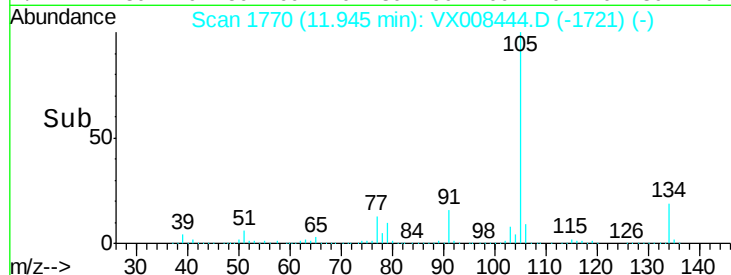
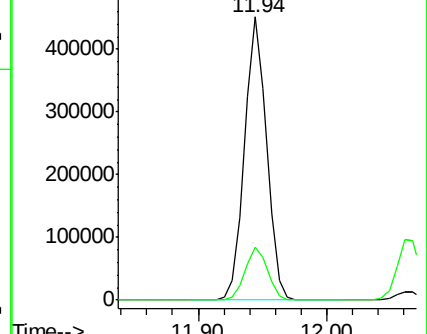
105 100

134 19.1 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: 47.732 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008444.D

Acq: 26 Mar 2019 04:45

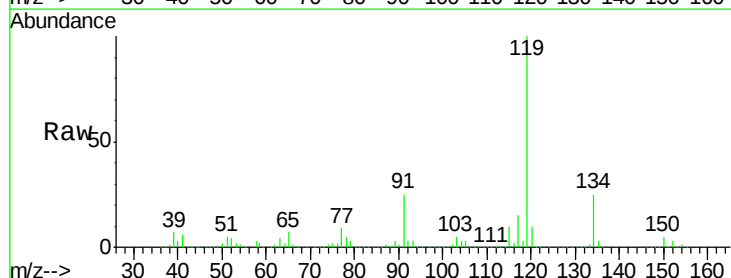
Tgt Ion:119 Resp: 476665

Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.4

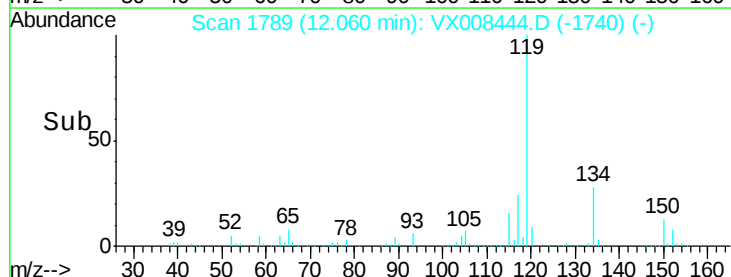
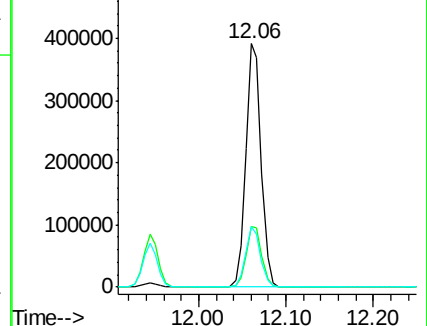
91 24.2 12.4 37.0

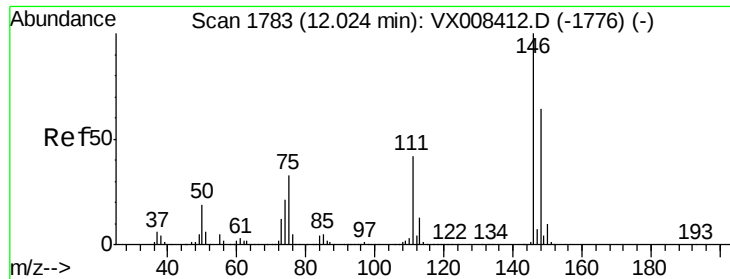


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

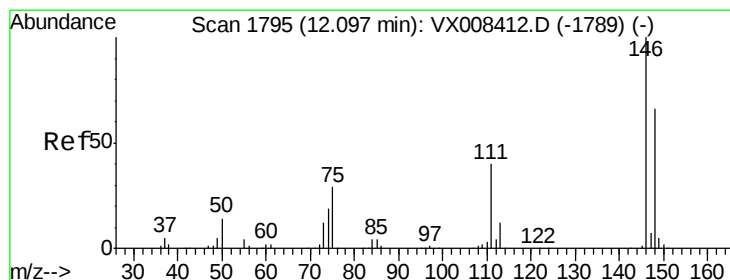
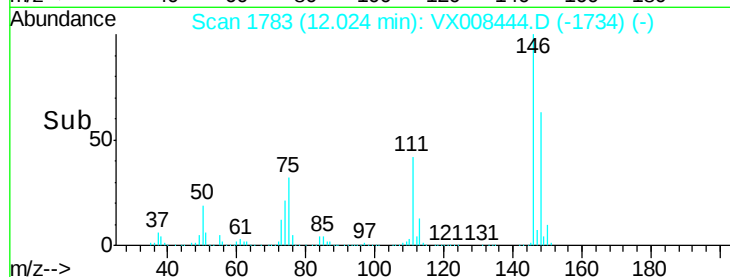
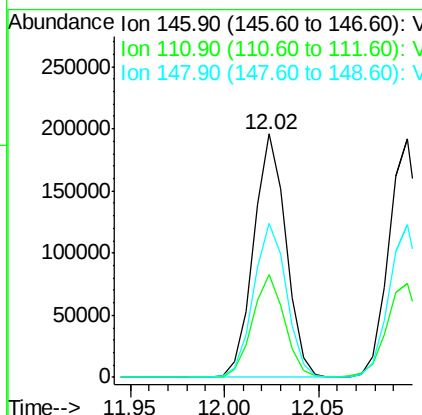
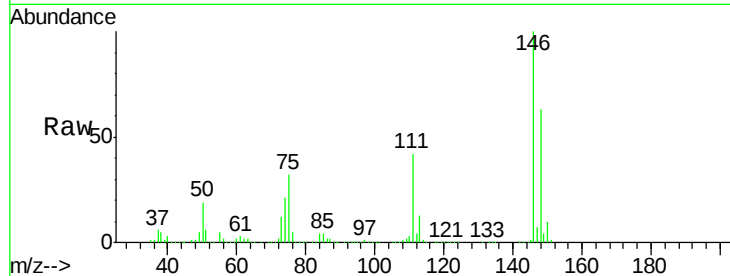




#87
 1,3-Dichlorobenzene
 Concen: 46.170 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

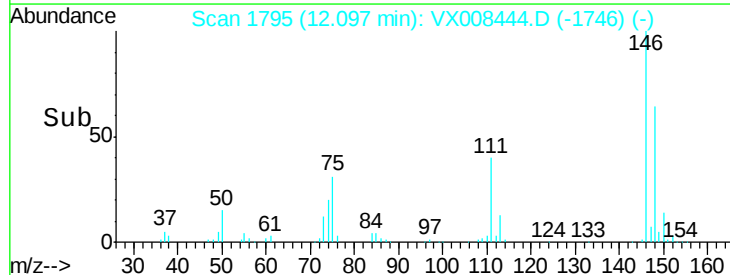
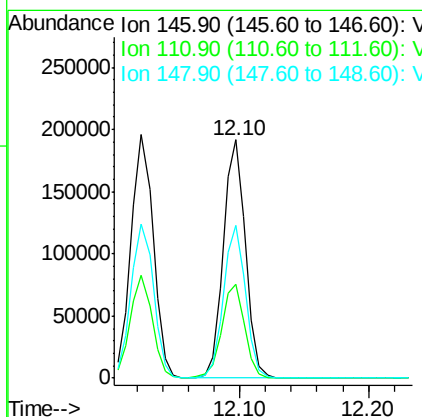
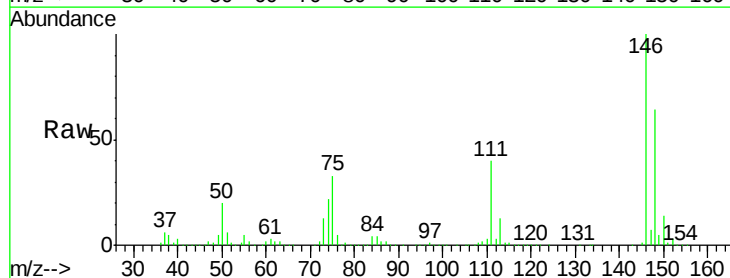
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

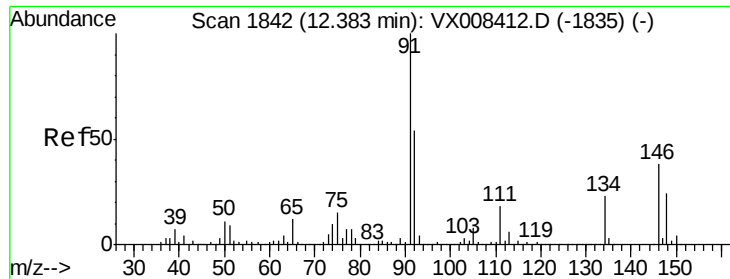
Tot Ion:146 Resp: 233269
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.8 62.5
 148 64.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 45.610 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Tgt Ion:146 Resp: 232562
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 61.0
 148 64.0 32.1 96.5

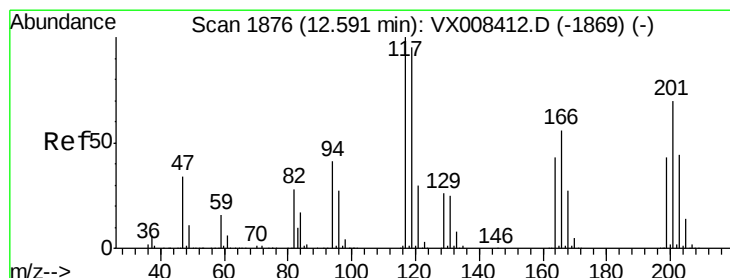
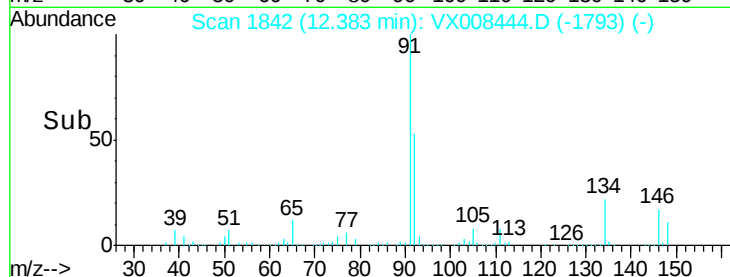
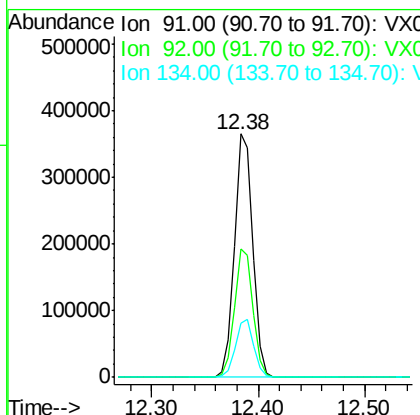
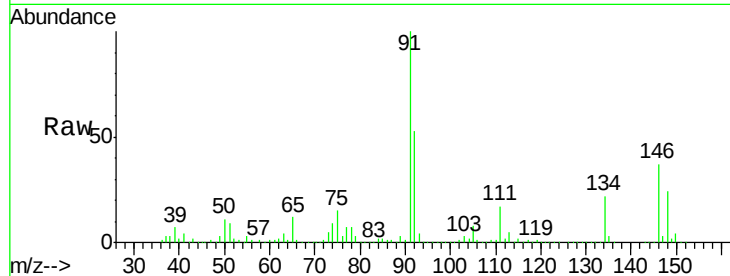




#89
n-Butylbenzene
Concen: 46.401 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

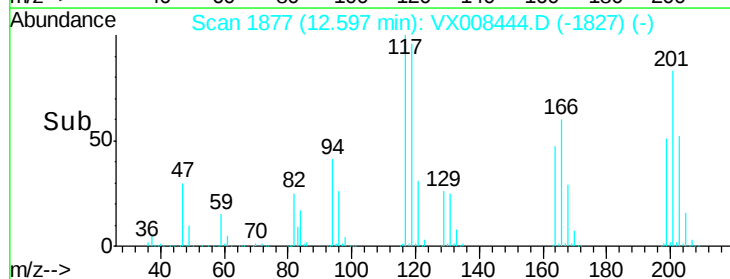
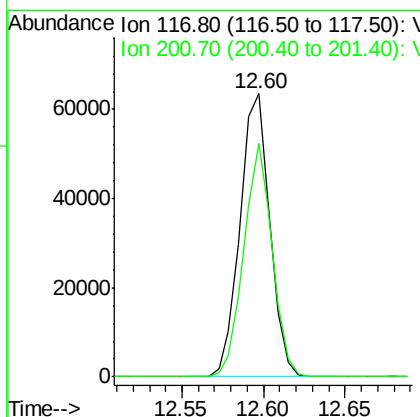
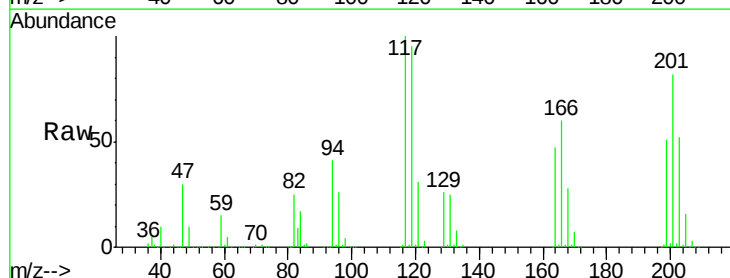
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

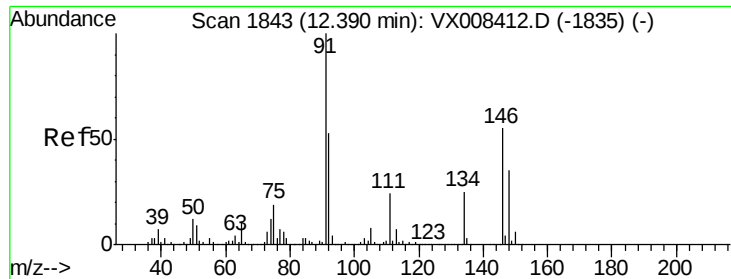
Tot Ion: 91 Resp: 438948
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 23.9 11.8 35.4



#90
Hexachloroethane
Concen: 48.818 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion: 117 Resp: 81216
Ion Ratio Lower Upper
117 100
201 78.4 39.4 118.1

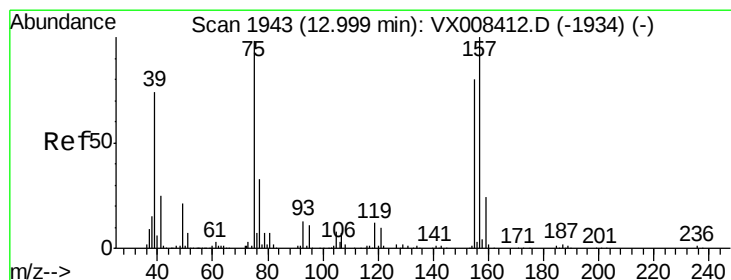
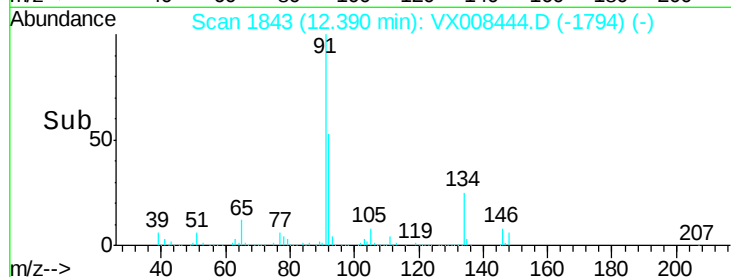
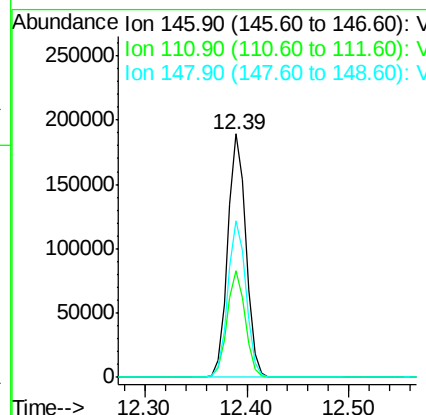
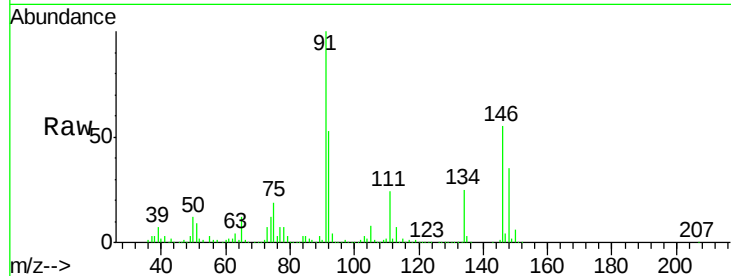




#91
 1,2-Dichlorobenzene
 Concen: 46.390 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

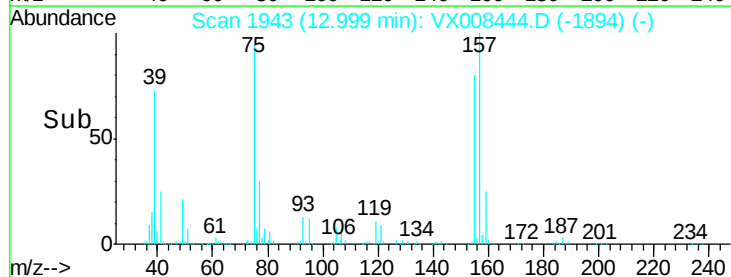
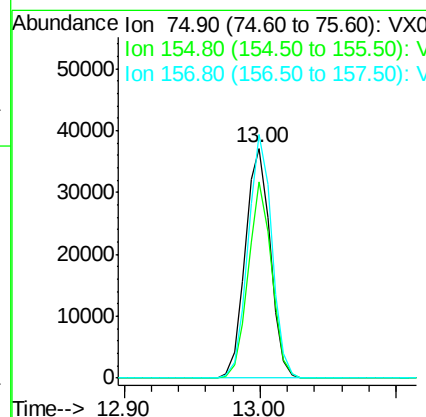
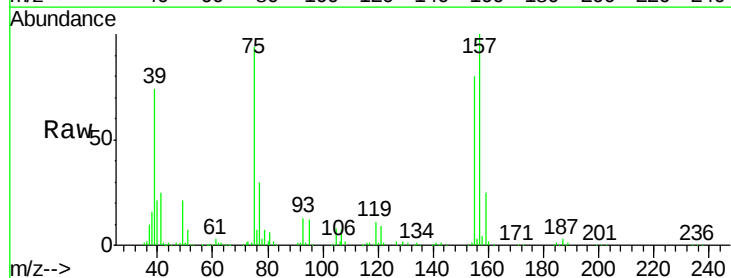
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

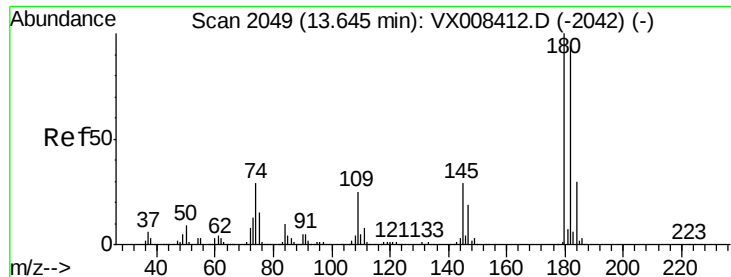
Tot Ion:146 Resp: 234709
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.6 64.6
 148 64.2 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.388 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Tgt Ion: 75 Resp: 47696
 Ion Ratio Lower Upper
 75 100
 155 80.0 39.5 118.5
 157 100.7 49.9 149.7

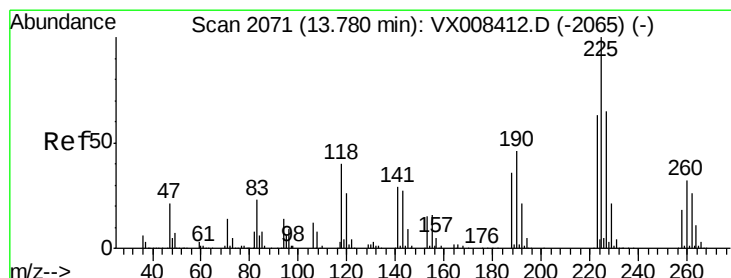
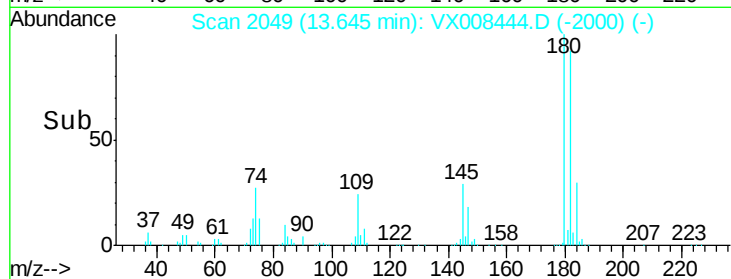
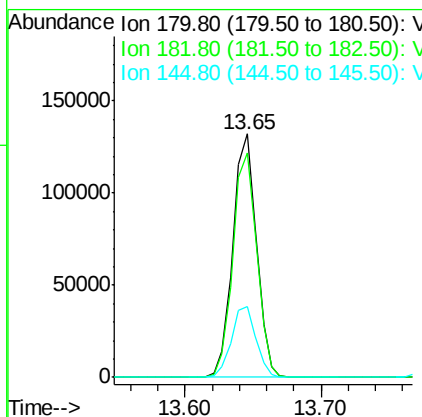
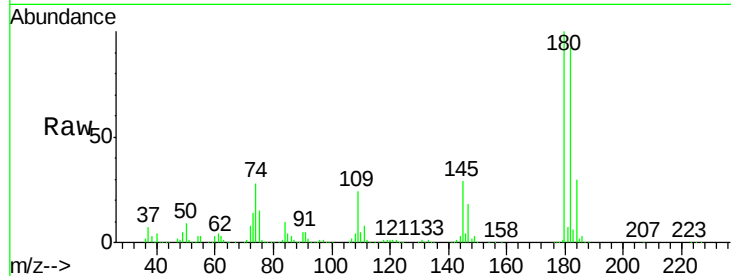




#93
 1,2,4-Trichlorobenzene
 Concen: 46.869 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

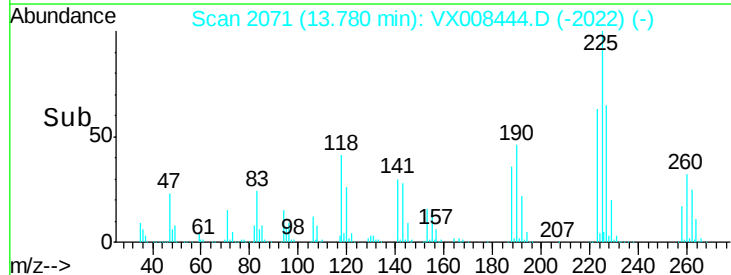
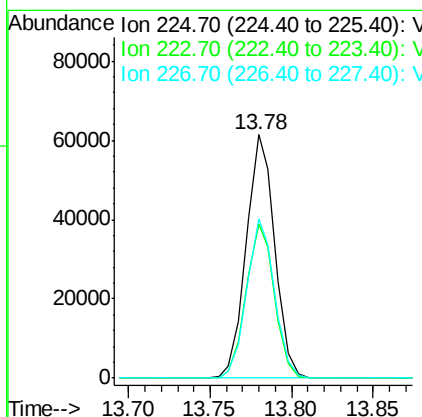
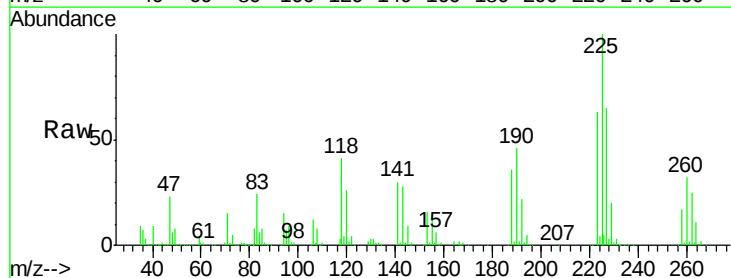
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

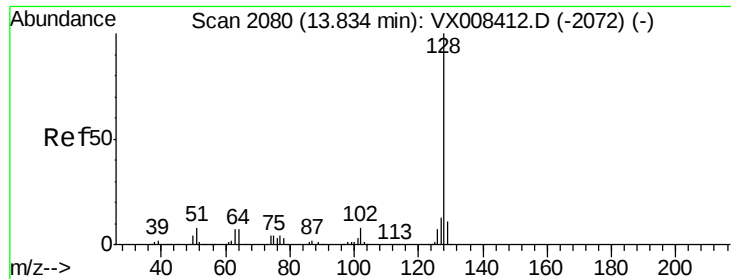
Tot Ion:180 Resp: 159653
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.3 142.0
 145 30.1 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 46.272 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008444.D
 Acq: 26 Mar 2019 04:45

Tgt Ion:225 Resp: 74842
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.4 94.0
 227 63.7 31.9 95.9

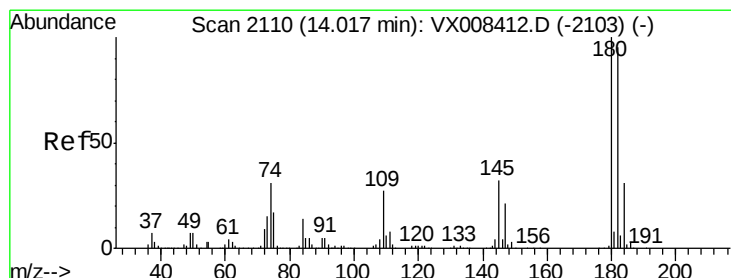
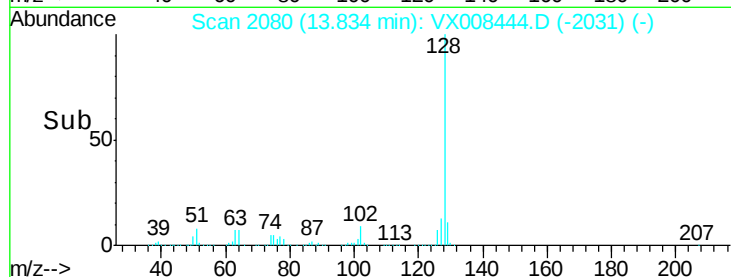
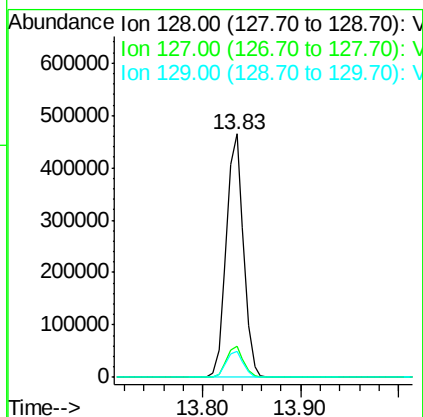
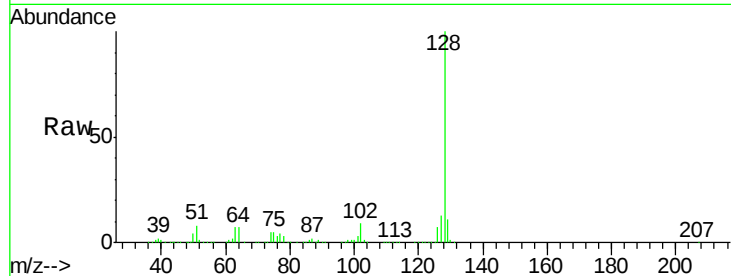




#95
Naphthalene
Concen: 48.471 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 566068
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.713 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008444.D
Acq: 26 Mar 2019 04:45

Tgt Ion:180 Resp: 159893
Ion Ratio Lower Upper
180 100
182 95.0 47.3 142.0
145 32.3 16.2 48.5

