

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061919\
 Data File : VX010346.D
 Acq On : 19 Jun 2019 13:28
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 20 03:14:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:08:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	302329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	414214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212736	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	141356	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
35) Dibromofluoromethane	5.50	113	139519	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
50) Toluene-d8	8.71	98	534938	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.13	95	193598	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	101184	38.637	ug/l	100
3) Chloromethane	1.32	50	117586	43.604	ug/l	100
4) Vinyl Chloride	1.41	62	125867	48.678	ug/l	100
5) Bromomethane	1.64	94	60904	59.088	ug/l	100
6) Chloroethane	1.71	64	76201	57.486	ug/l	100
7) Trichlorofluoromethane	1.93	101	207301	52.904	ug/l	100
8) Diethyl Ether	2.19	74	74596	54.488	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	122971	46.505	ug/l	100
10) Methyl Iodide	2.51	142	190338	47.105	ug/l	100
11) Tert butyl alcohol	3.05	59	175778	243.904	ug/l	100
12) 1,1-Dichloroethene	2.37	96	127673	47.223	ug/l	100
13) Acrolein	2.29	56	115338	590.368	ug/l	100
14) Allyl chloride	2.73	41	185270	45.628	ug/l	100
15) Acrylonitrile	3.14	53	364149	246.215	ug/l	100
16) Acetone	2.45	43	369735	261.837	ug/l	100
17) Carbon Disulfide	2.57	76	341257	44.021	ug/l	100
18) Methyl Acetate	2.78	43	137795	45.424	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	403143	46.508	ug/l	100
20) Methylene Chloride	2.85	84	141393	46.541	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	136365	45.655	ug/l	100
22) Diisopropyl ether	3.85	45	378780	48.485	ug/l	100
23) Vinyl Acetate	3.82	43	1709495	245.232	ug/l	100
24) 1,1-Dichloroethane	3.70	63	220815	46.615	ug/l	100
25) 2-Butanone	4.67	43	529752	254.730	ug/l	100
26) 2,2-Dichloropropane	4.58	77	189673	44.357	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	159282	47.766	ug/l	100
28) Bromochloromethane	5.01	49	103715	48.554	ug/l	100
29) Tetrahydrofuran	5.13	42	320065	245.826	ug/l	100
30) Chloroform	5.21	83	234486	47.646	ug/l	100
31) Cyclohexane	5.58	56	200908	47.274	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	211159	45.719	ug/l	100
36) 1,1-Dichloropropene	5.80	75	173171	47.547	ug/l	100
37) Ethyl Acetate	4.84	43	187562	49.268	ug/l	100
38) Carbon Tetrachloride	5.79	117	193881	47.118	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	229218	46.380	ug/l	100
40) Benzene	6.14	78	552717	48.965	ug/l	100
41) Methacrylonitrile	5.04	41	100418	48.922	ug/l	100
42) 1,2-Dichloroethane	6.19	62	171532	47.782	ug/l	100
43) Isopropyl Acetate	6.45	43	304337	48.018	ug/l	100
44) Trichloroethene	7.21	130	164204	48.208	ug/l	100
45) 1,2-Dichloropropane	7.51	63	138125	48.891	ug/l	100
46) Dibromomethane	7.66	93	100021	47.217	ug/l	100
47) Bromodichloromethane	7.90	83	187320	47.630	ug/l	100
48) Methyl methacrylate	7.77	41	144465	48.906	ug/l	100
49) 1,4-Dioxane	7.74	88	81099	959.679	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	980127	257.527	ug/l	100
52) Toluene	8.79	92	364556	48.994	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	209856	46.396	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	229303	47.065	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	151515	49.775	ug/l	100
56) Ethyl methacrylate	9.18	69	233831	48.929	ug/l	100
57) 1,3-Dichloropropane	9.37	76	234544	48.967	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	562858	249.485	ug/l	100
59) 2-Hexanone	9.49	43	781593	257.237	ug/l	100
60) Dibromochloromethane	9.58	129	172311	48.163	ug/l	100
61) 1,2-Dibromoethane	9.67	107	163572	48.375	ug/l	100
64) Tetrachloroethene	9.34	164	160246	51.192	ug/l	100
65) Chlorobenzene	10.13	112	412469	48.251	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	155440	47.452	ug/l	100
67) Ethyl Benzene	10.25	91	704553	48.399	ug/l	100
68) m/p-Xylenes	10.36	106	548728	97.313	ug/l	100
69) o-Xylene	10.69	106	266589	47.652	ug/l	100
70) Styrene	10.71	104	459162	48.532	ug/l	100
71) Bromoform	10.85	173	140942	46.975	ug/l	100
73) Isopropylbenzene	11.02	105	703157	47.525	ug/l	100
74) N-amyl acetate	10.90	43	280047	47.899	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	235274	46.538	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	272006	64.500	ug/l	80
77) Bromobenzene	11.26	156	195207	47.865	ug/l	100
78) n-propylbenzene	11.36	91	791746	48.050	ug/l	100
79) 2-Chlorotoluene	11.42	91	463158	46.922	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	594556	47.630	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	84300	44.753	ug/l	100
82) 4-Chlorotoluene	11.51	91	536918	47.869	ug/l	100
83) tert-Butylbenzene	11.77	119	590218	46.853	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	603582	47.858	ug/l	100
85) sec-Butylbenzene	11.94	105	699079	47.540	ug/l	100
86) p-Isopropyltoluene	12.06	119	648962	48.208	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	340807	47.534	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	343091	47.304	ug/l	100
89) n-Butylbenzene	12.38	91	559060	48.291	ug/l	100
90) Hexachloroethane	12.60	117	116627	44.121	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	338276	48.338	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49346	42.022	ug/l	100

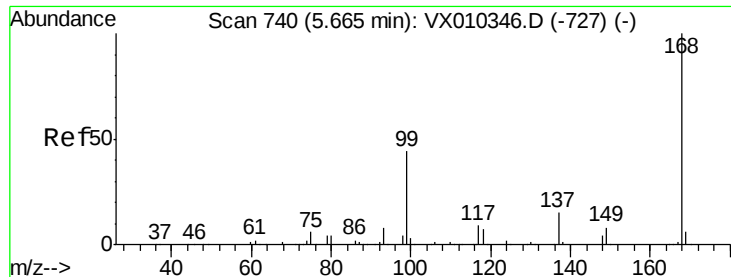
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	239826	46.866	ug/l	100
94) Hexachlorobutadiene	13.78	225	117059	50.665	ug/l	100
95) Naphthalene	13.83	128	754055	47.001	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	240561	47.455	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

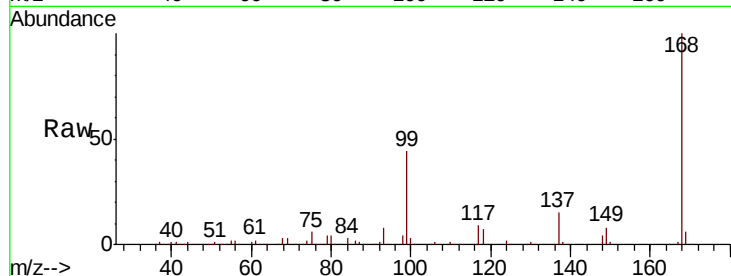
VSTDICCC050

Tot Ion:168 Resp: 302329

Ion Ratio Lower Upper

168 100

99 44.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

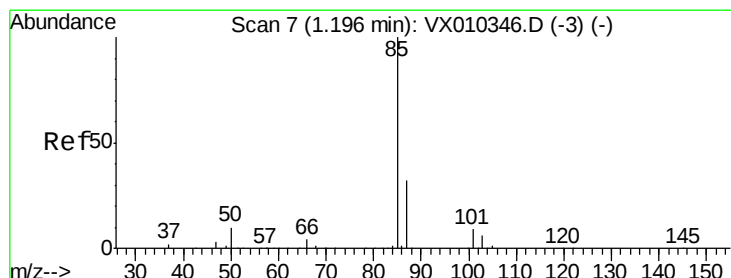
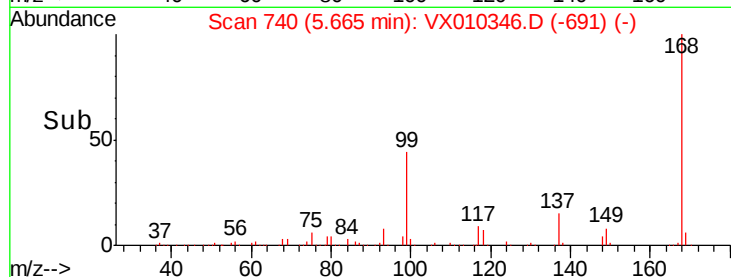
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 38.637 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010346.D

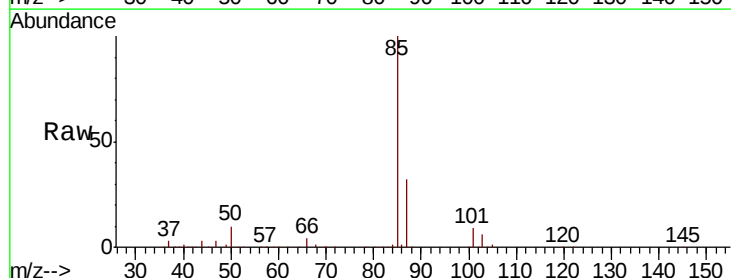
Acq: 19 Jun 2019 13:28

Tgt Ion: 85 Resp: 101184

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

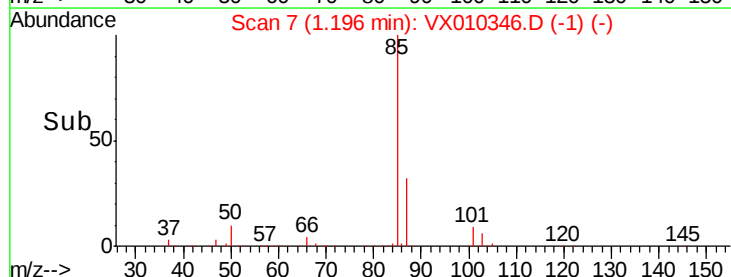
60000

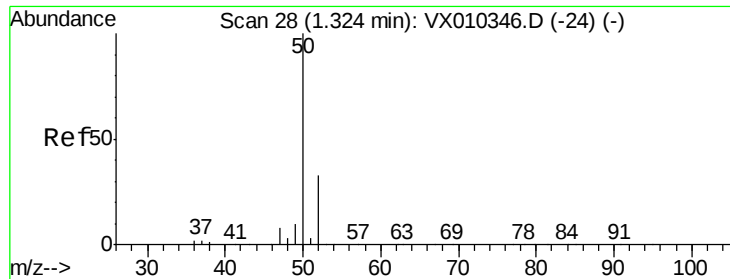
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.604 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

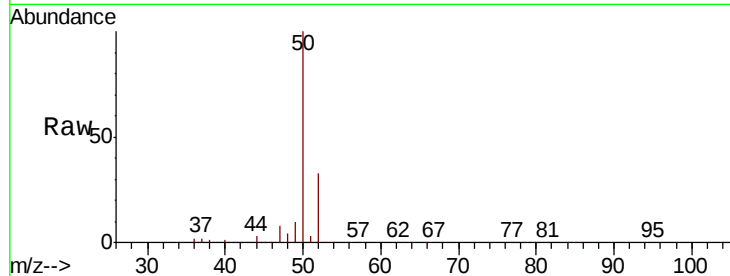
VSTDICCC050

Tot Ion: 50 Resp: 117586

Ion Ratio Lower Upper

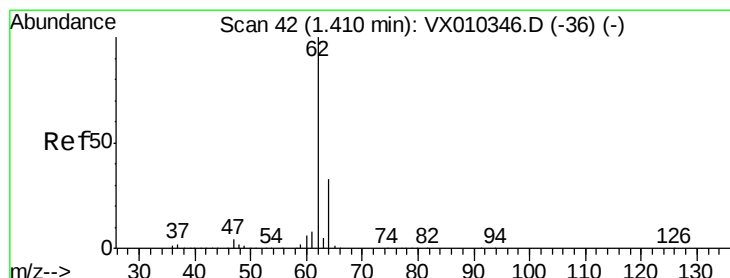
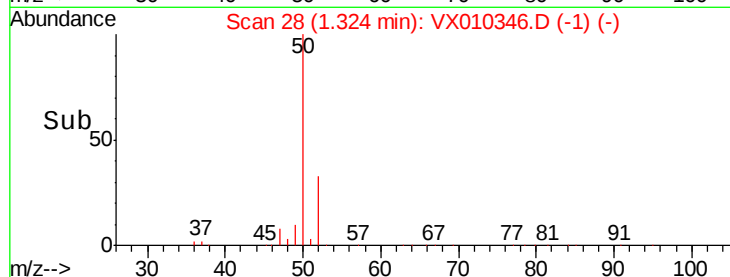
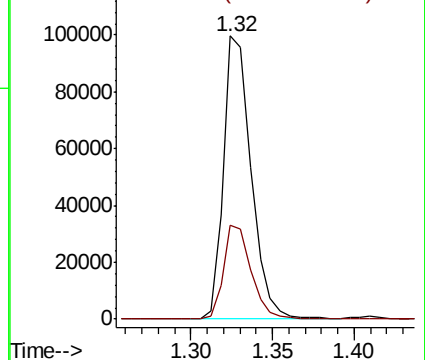
50 100

52 33.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.678 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010346.D

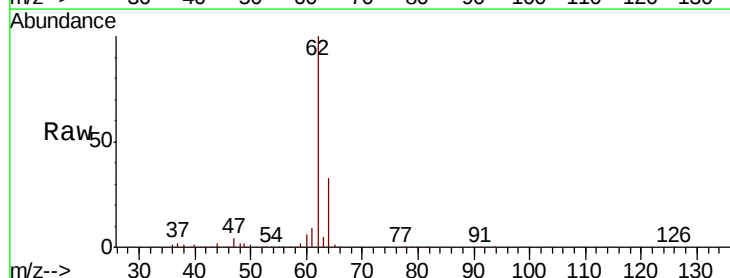
Acq: 19 Jun 2019 13:28

Tgt Ion: 62 Resp: 125867

Ion Ratio Lower Upper

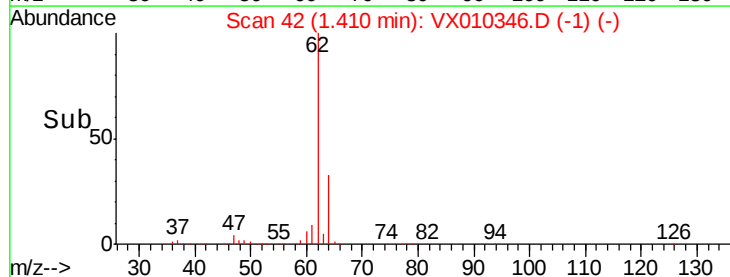
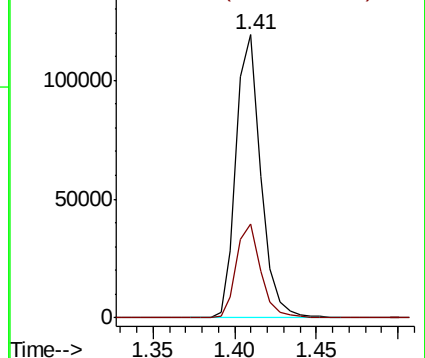
62 100

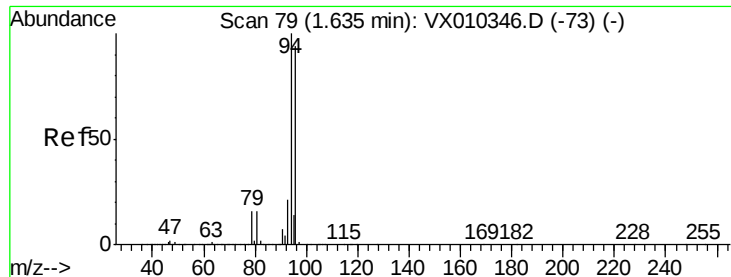
64 32.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 59.088 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

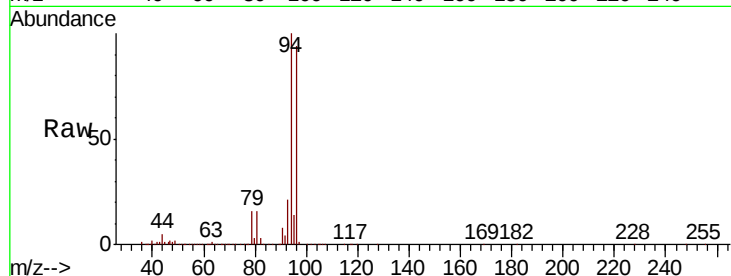
VSTDICCC050

Tot Ion: 94 Resp: 60904

Ion Ratio Lower Upper

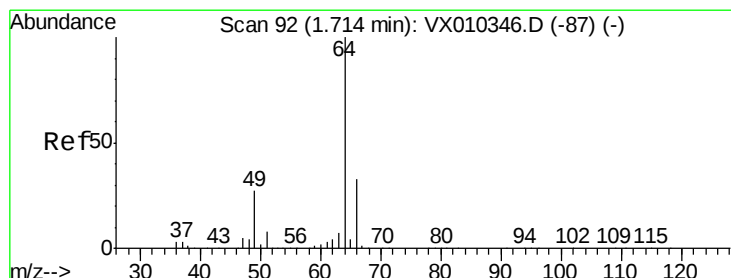
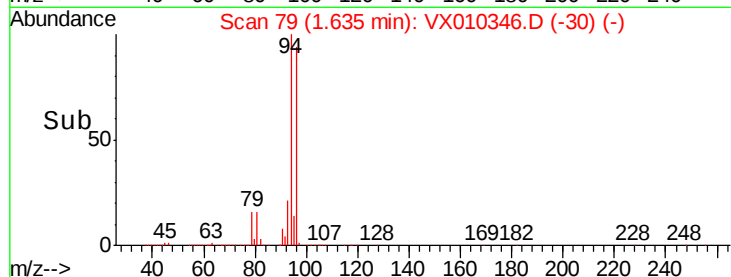
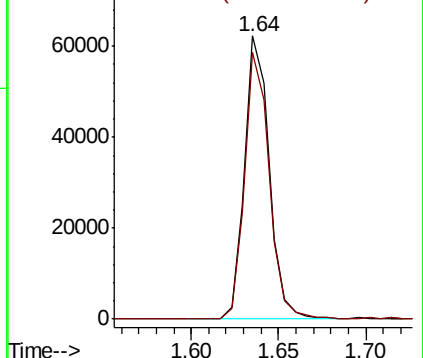
94 100

96 94.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 57.486 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010346.D

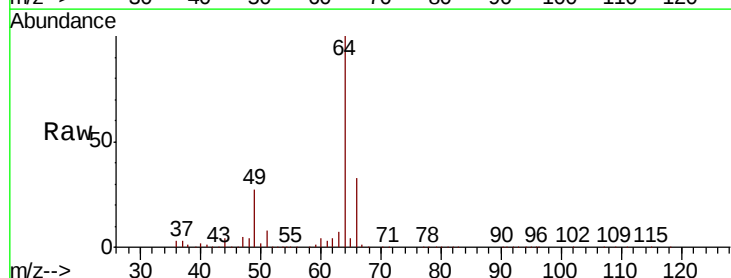
Acq: 19 Jun 2019 13:28

Tgt Ion: 64 Resp: 76201

Ion Ratio Lower Upper

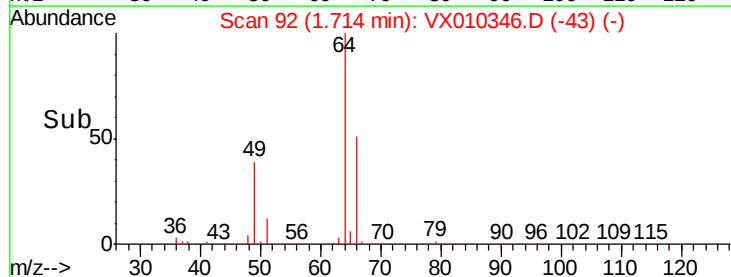
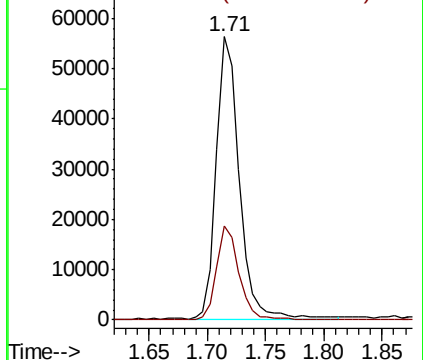
64 100

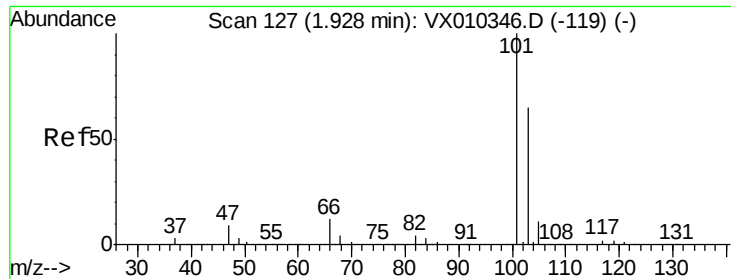
66 33.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



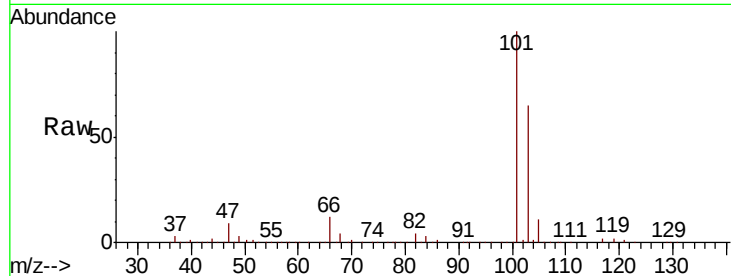


#7

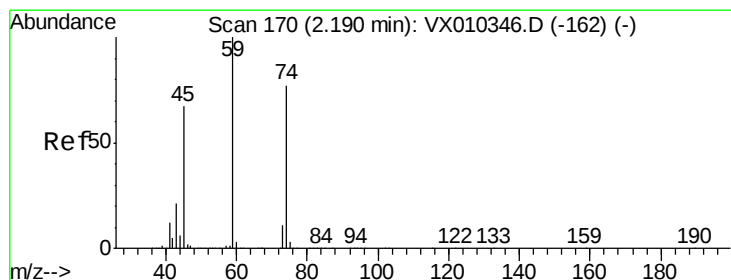
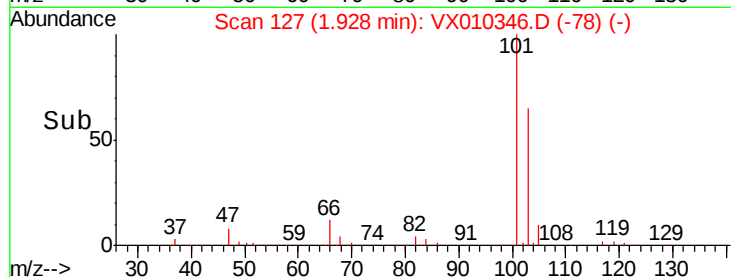
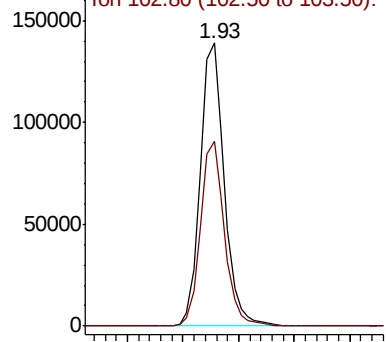
Trichlorofluoromethane
Concen: 52.904 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:101 Resp: 207301
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5



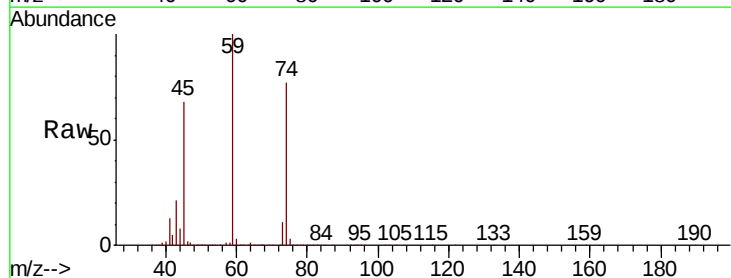
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



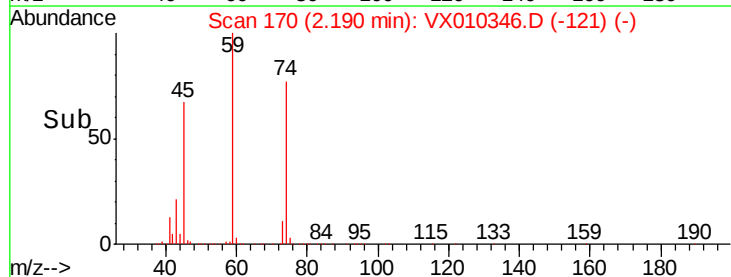
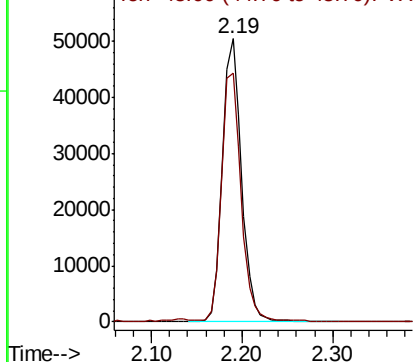
#8

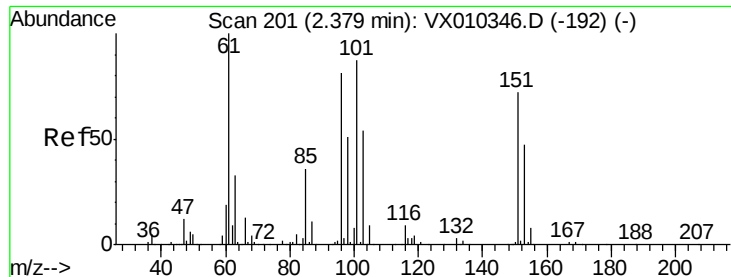
Diethyl Ether
Concen: 54.488 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion: 74 Resp: 74596
Ion Ratio Lower Upper
74 100
45 89.6 44.8 134.4



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: 46.505 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

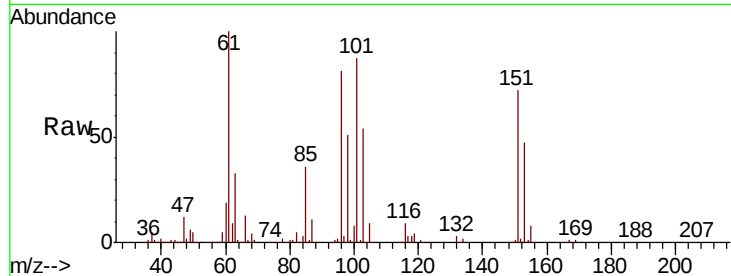
Tot Ion:101 Resp: 122971

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

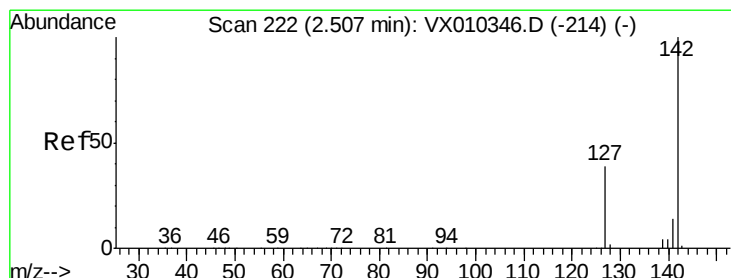
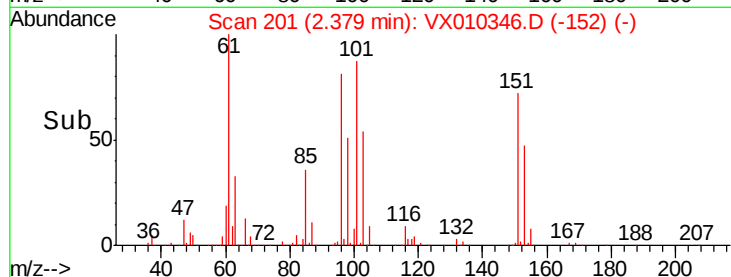
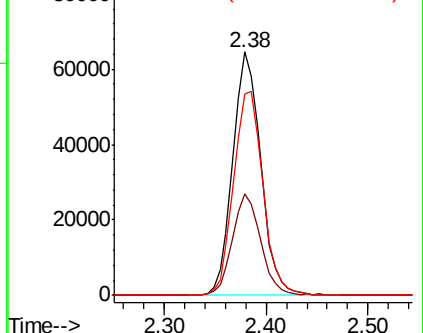
151 87.6 70.1 105.1



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: 47.105 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

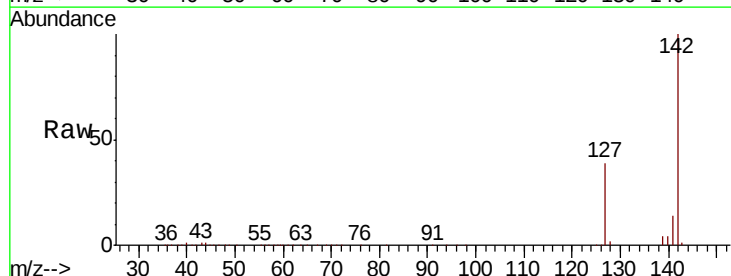
Tgt Ion:142 Resp: 190338

Ion Ratio Lower Upper

142 100

127 38.9 31.1 46.7

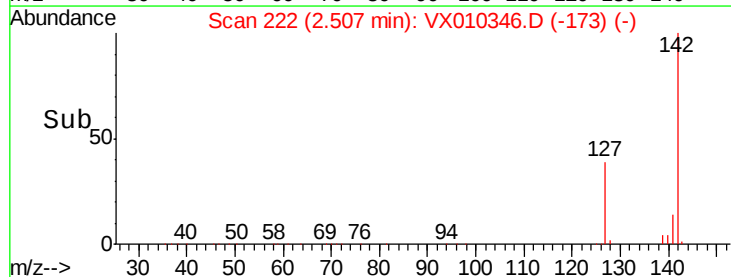
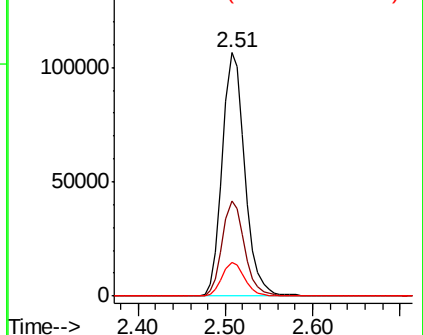
141 14.0 11.2 16.8

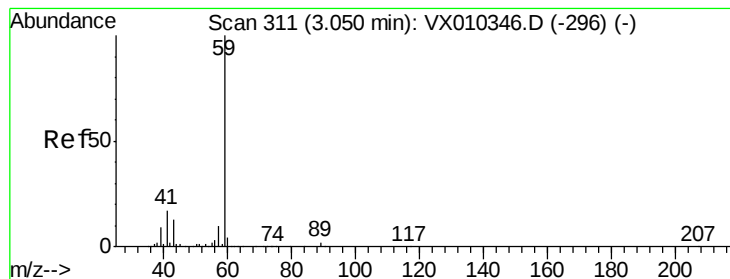


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



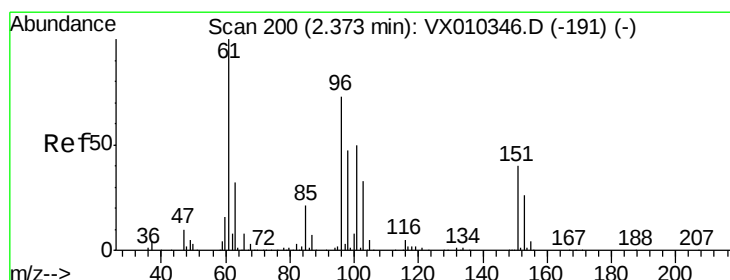
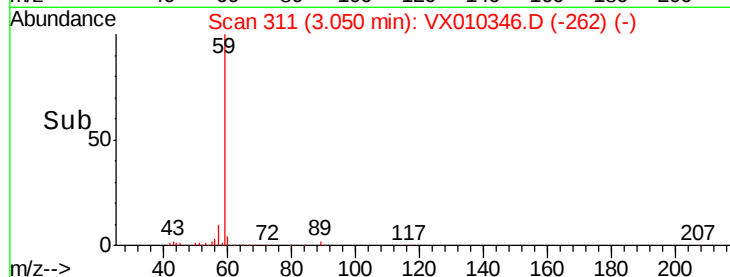
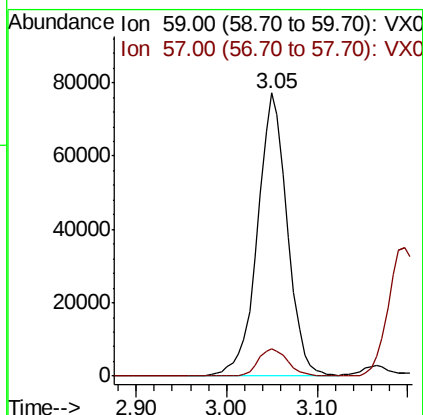
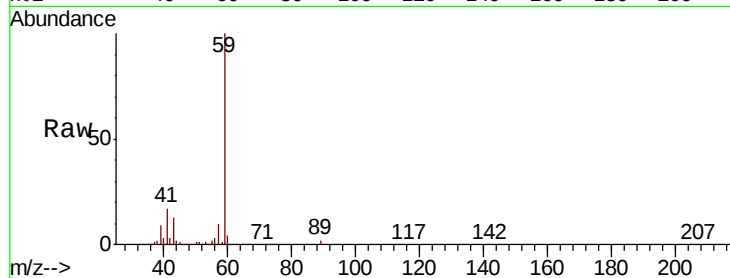


#11

Tert butyl alcohol
 Concen: 243.904 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

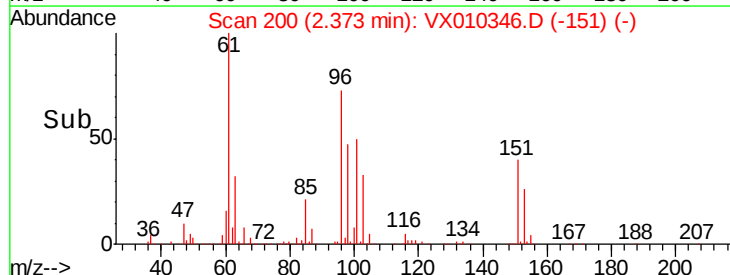
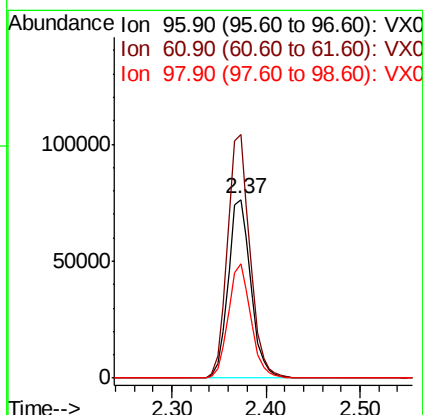
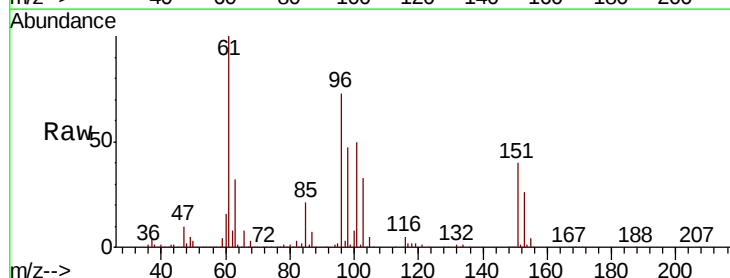
Tot Ion: 59 Resp: 175778
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.7 11.5

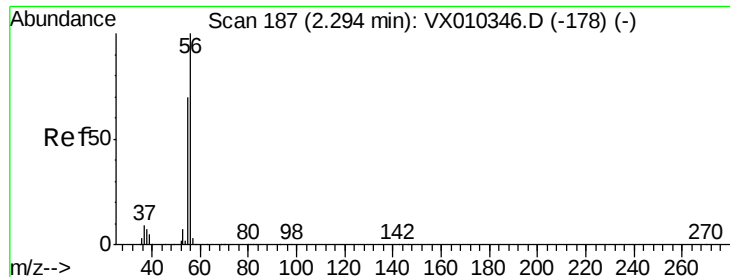


#12

1,1-Dichloroethene
 Concen: 47.223 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion: 96 Resp: 127673
 Ion Ratio Lower Upper
 96 100
 61 136.5 109.2 163.8
 98 63.9 51.1 76.7





#13

Acrolein

Concen: 590.368 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

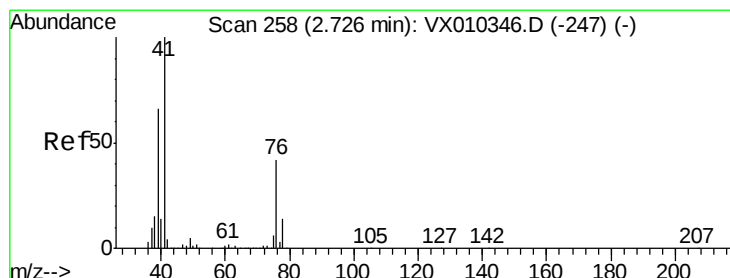
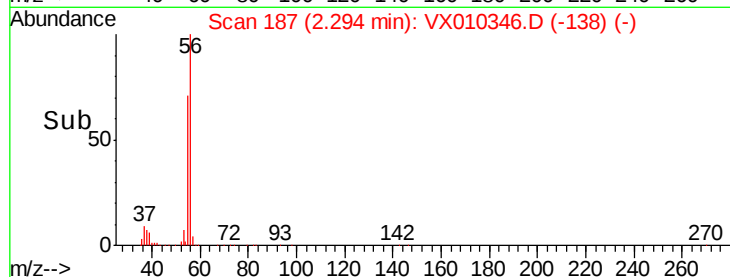
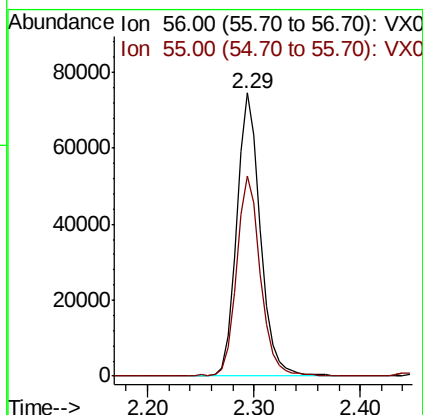
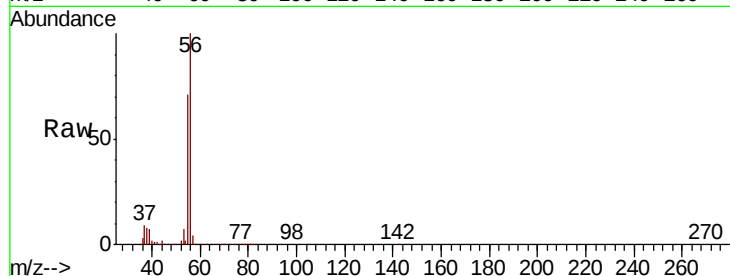
VSTDICCC050

Tot Ion: 56 Resp: 115338

Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3



#14

Allyl chloride

Concen: 45.628 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

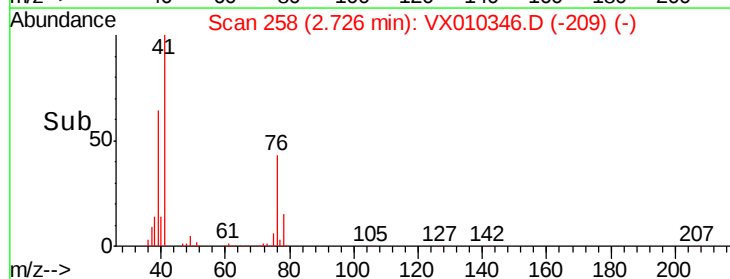
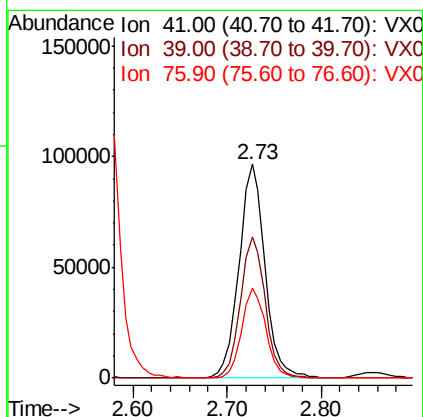
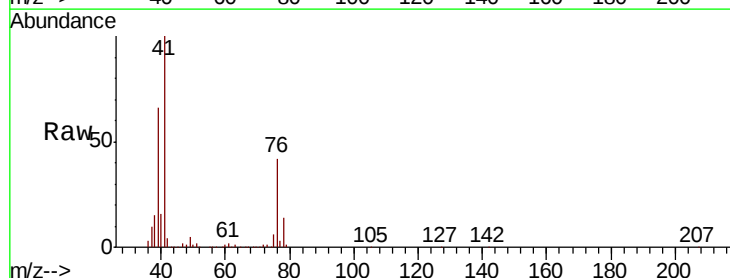
Tgt Ion: 41 Resp: 185270

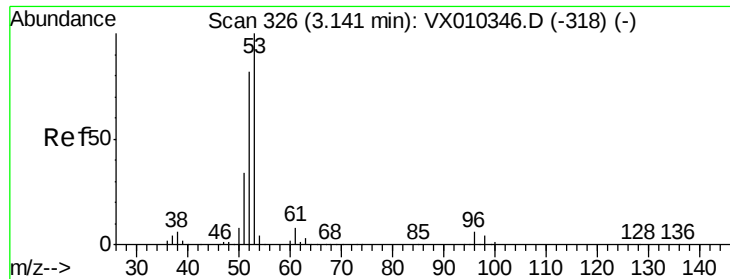
Ion Ratio Lower Upper

41 100

39 62.9 50.3 75.5

76 39.1 31.3 46.9

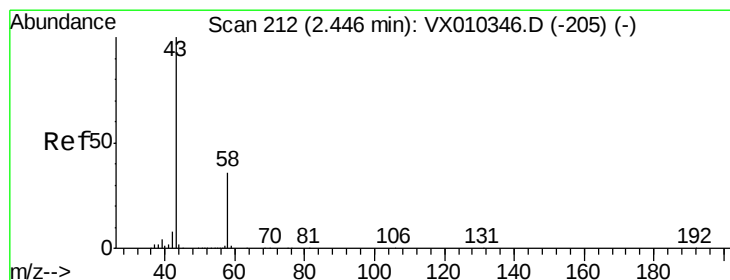
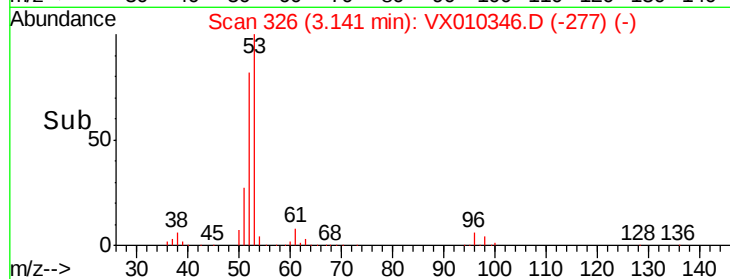
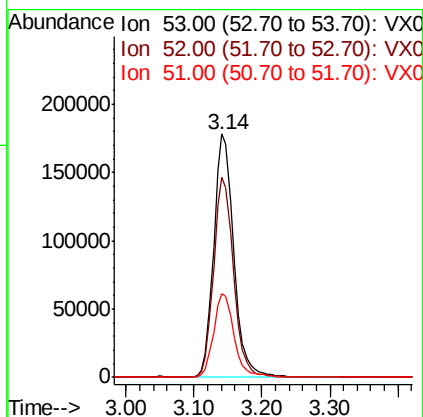
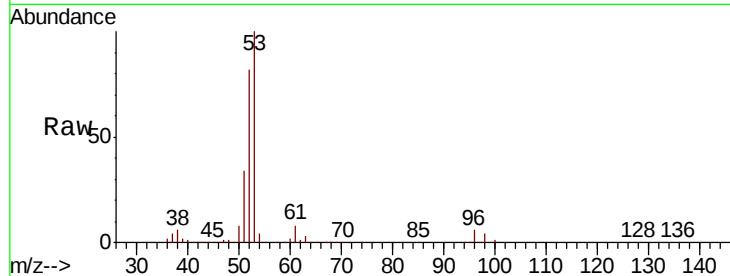




#15
 Acrylonitrile
 Concen: 246.215 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

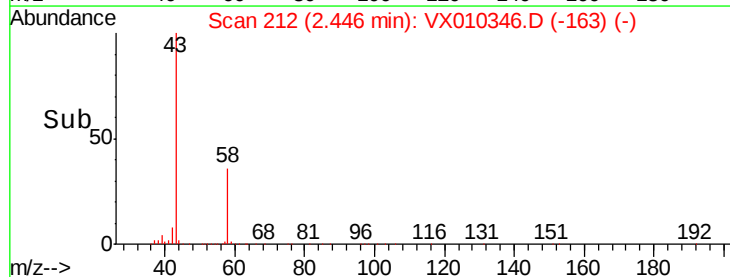
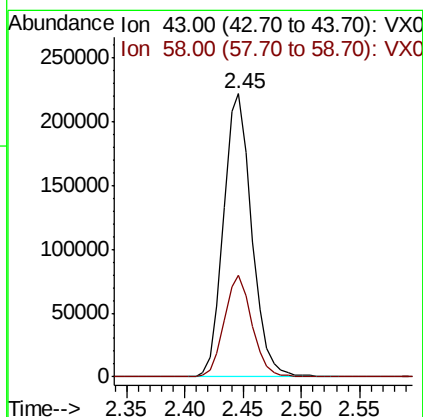
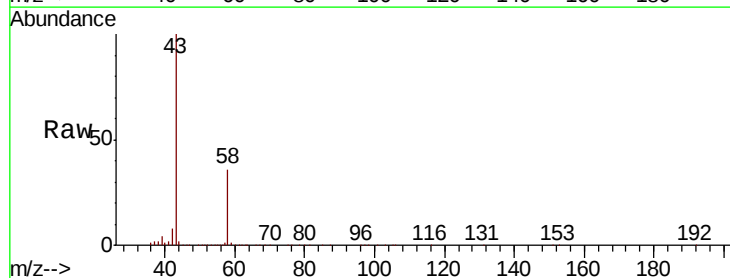
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

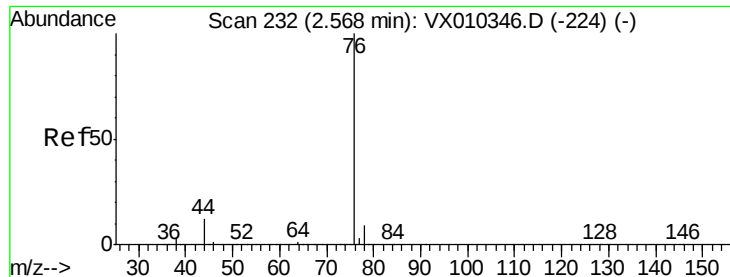
Tot Ion: 53 Resp: 364149
 Ion Ratio Lower Upper
 53 100
 52 81.9 65.5 98.3
 51 35.3 28.2 42.4



#16
 Acetone
 Concen: 261.837 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion: 43 Resp: 369735
 Ion Ratio Lower Upper
 43 100
 58 36.1 28.9 43.3

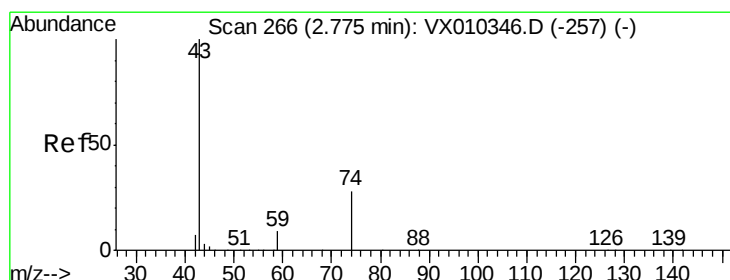
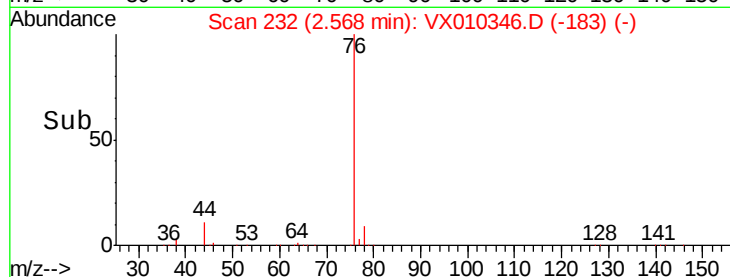
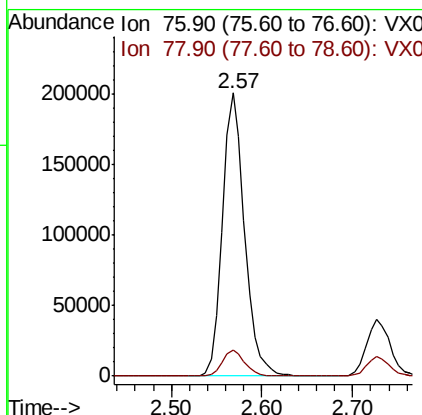
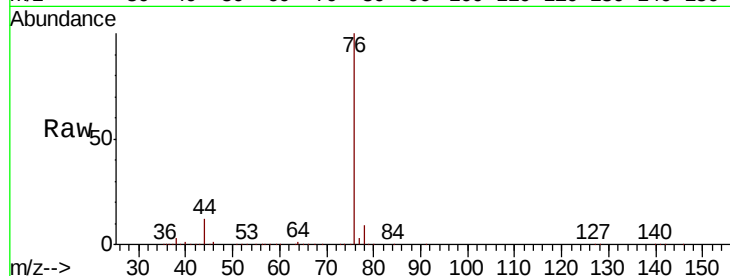




#17
Carbon Disulfide
Concen: 44.021 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

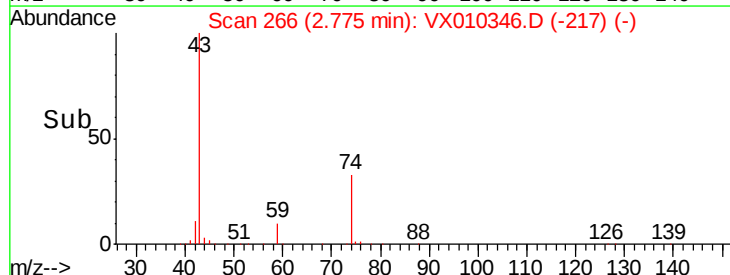
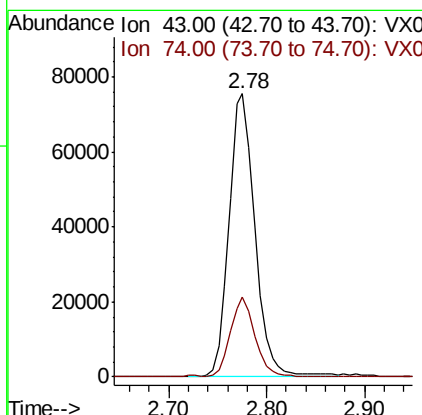
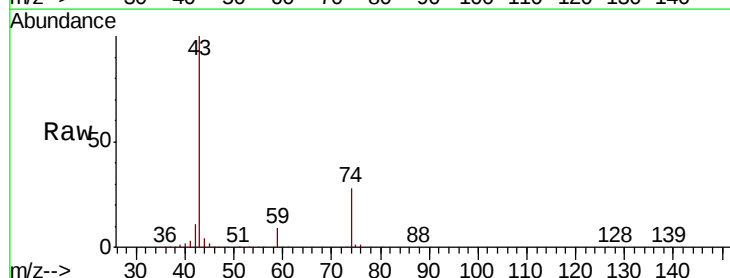
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

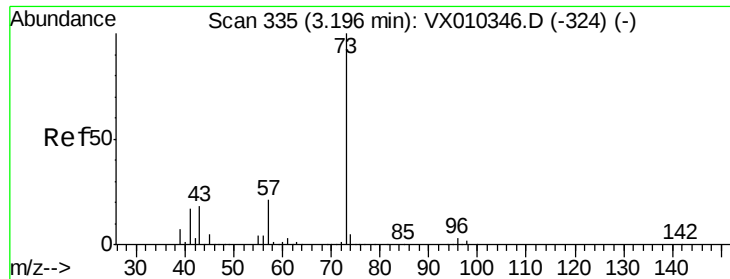
Tot Ion: 76 Resp: 341257
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 45.424 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion: 43 Resp: 137795
Ion Ratio Lower Upper
43 100
74 26.6 21.3 31.9



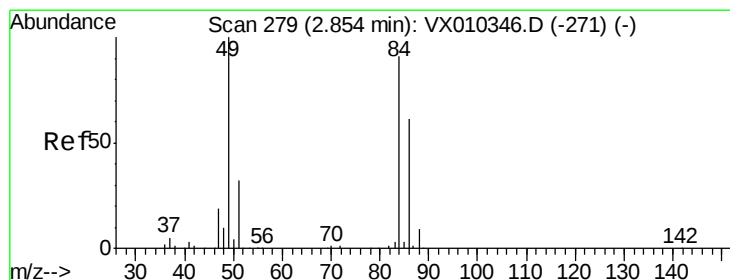
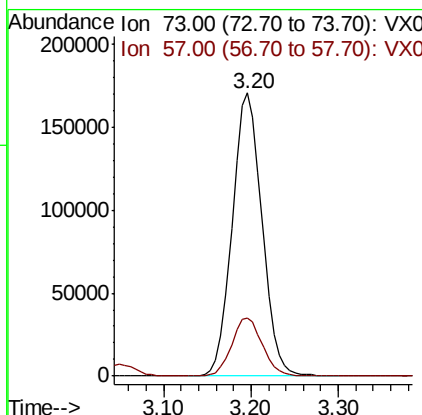
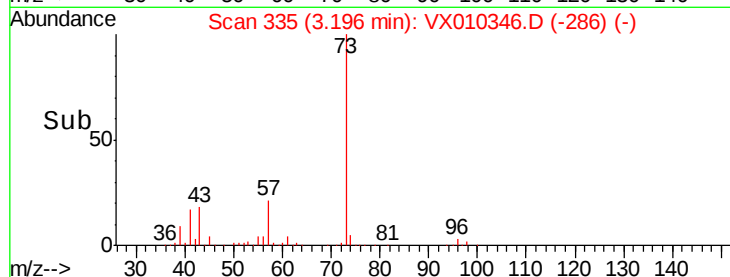
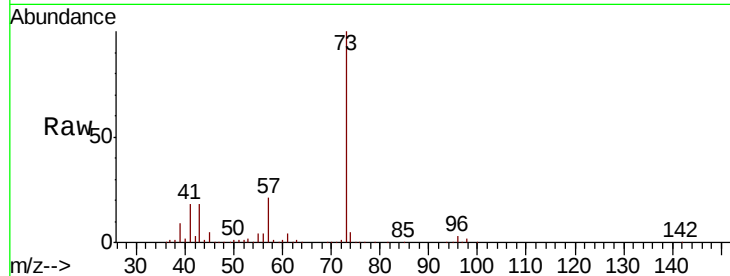


#19

Methyl tert-butyl Ether
 Concen: 46.508 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

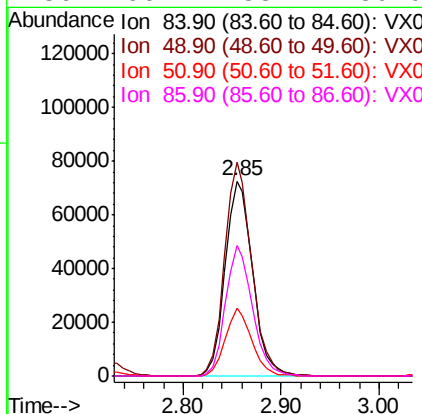
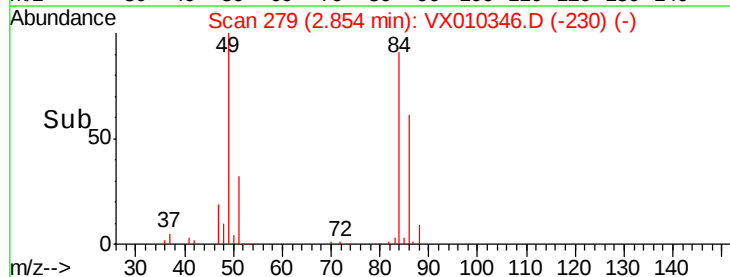
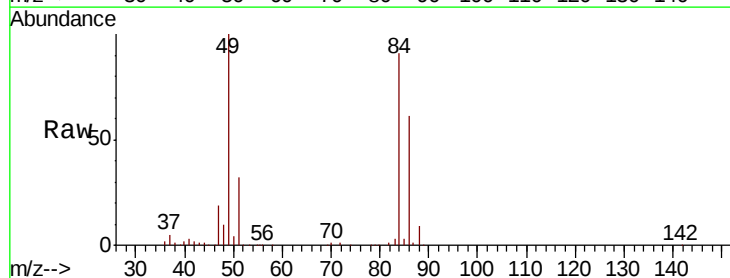
Tot Ion: 73 Resp: 403143
 Ion Ratio Lower Upper
 73 100
 57 20.5 16.4 24.6

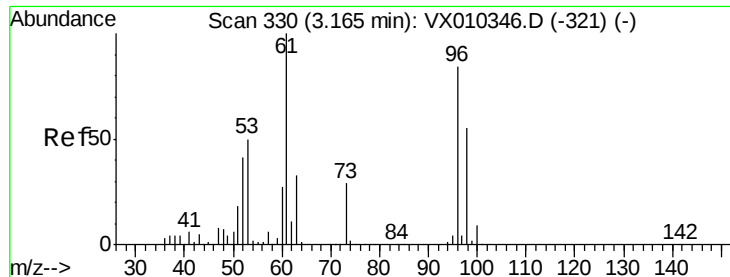


#20

Methylene Chloride
 Concen: 46.541 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion: 84 Resp: 141393
 Ion Ratio Lower Upper
 84 100
 49 109.4 87.5 131.3
 51 34.6 27.7 41.5
 86 66.7 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 45.655 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

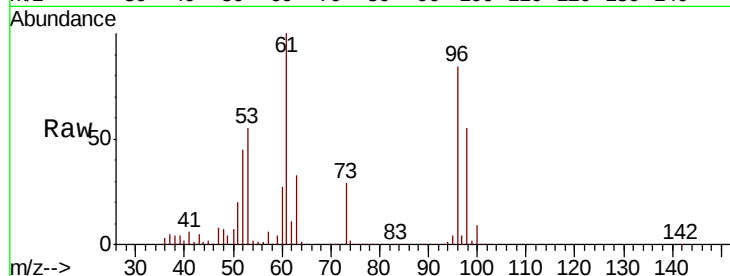
Tot Ion: 96 Resp: 136365

Ion Ratio Lower Upper

96 100

61 119.5 95.6 143.4

98 65.6 52.5 78.7

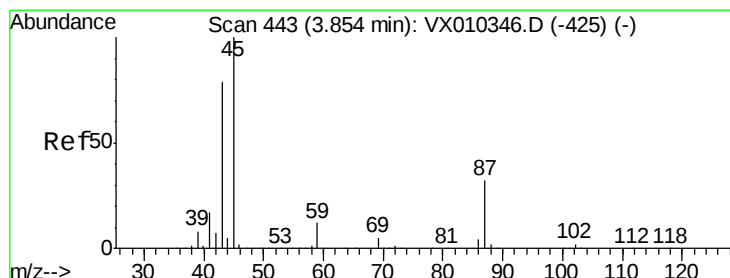
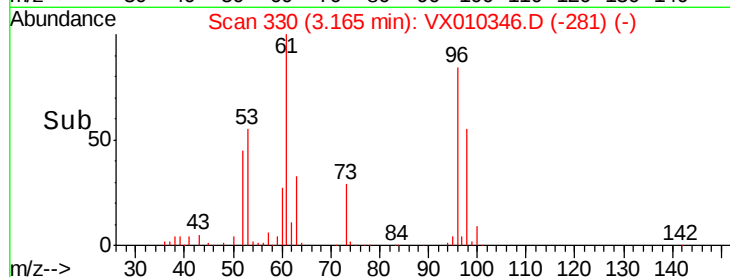
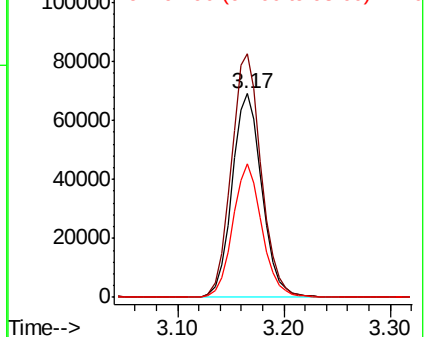


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.485 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Tgt Ion: 45 Resp: 378780

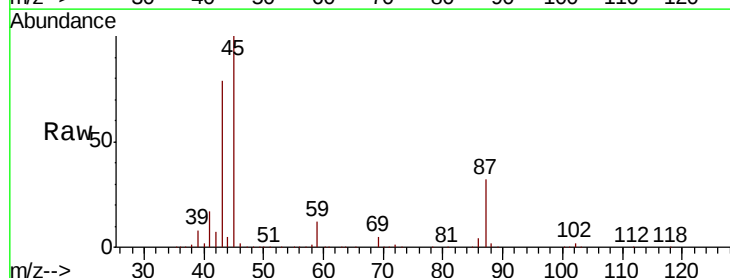
Ion Ratio Lower Upper

45 100

43 79.1 63.3 94.9

87 32.3 25.8 38.8

59 12.0 9.6 14.4



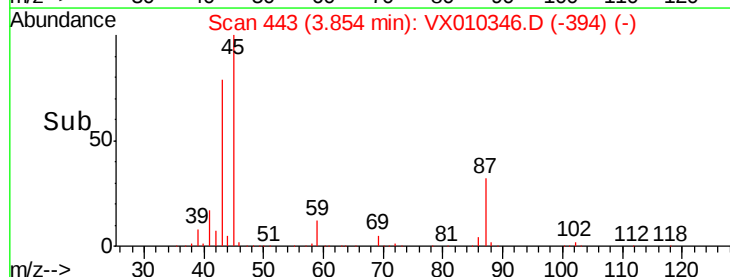
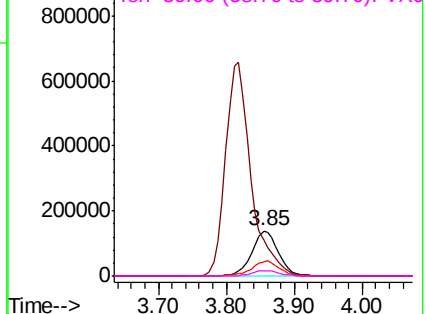
Abundance

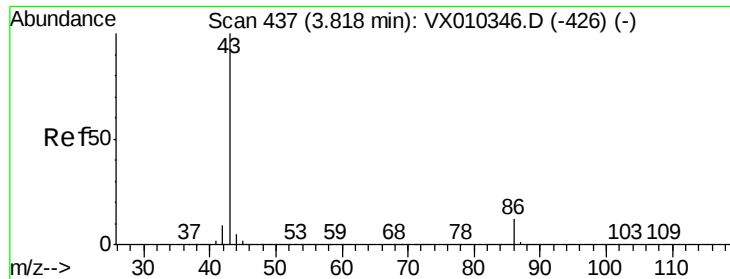
Ion 45.00 (44.70 to 45.70): VX0

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

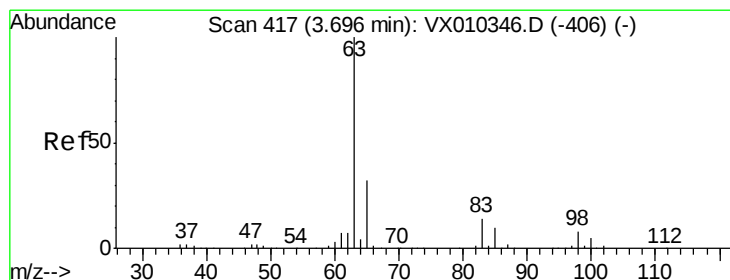
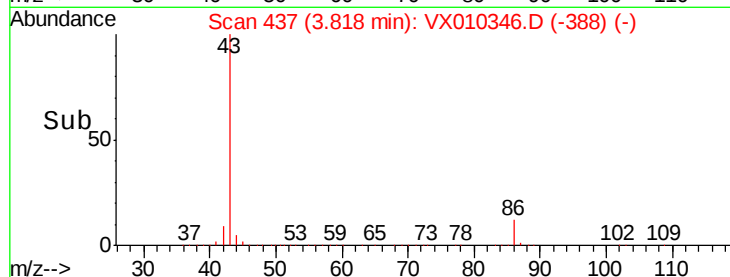
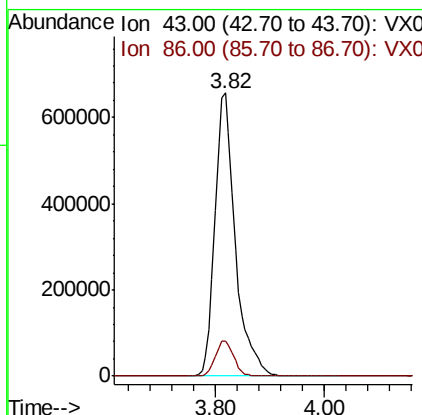
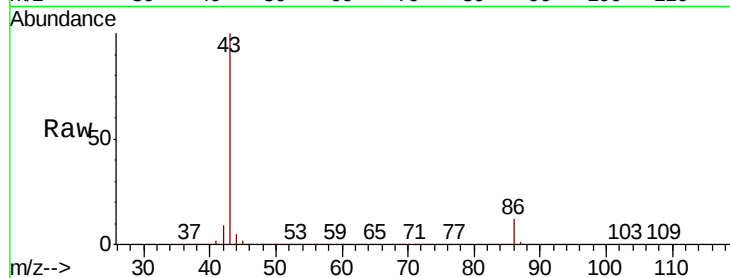




#23
 Vinyl Acetate
 Concen: 245.232 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

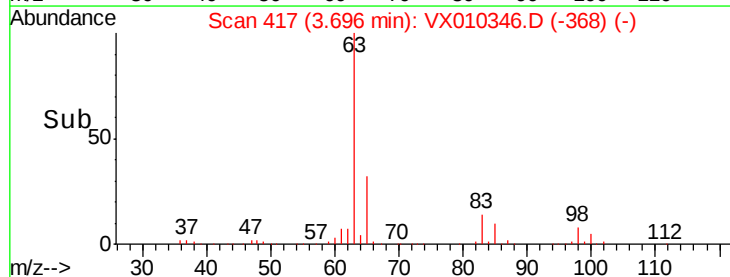
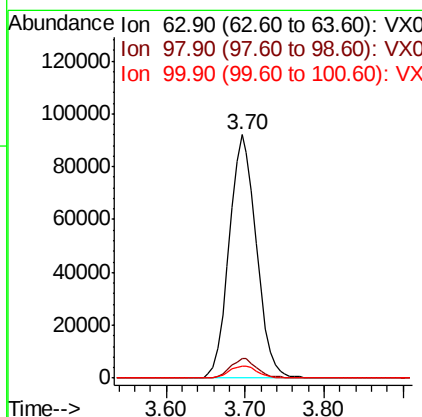
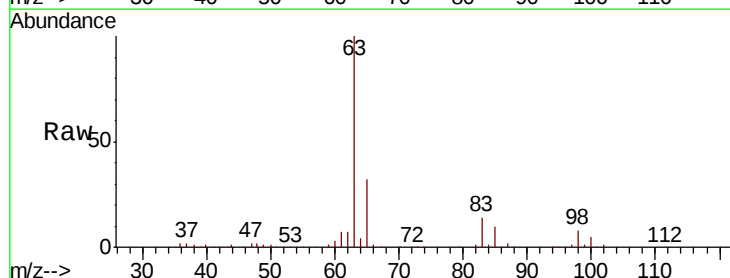
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

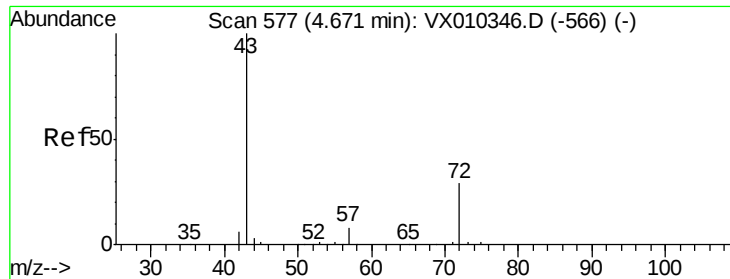
Tot Ion: 43 Resp: 1709495
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 46.615 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion: 63 Resp: 220815
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 254.730 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

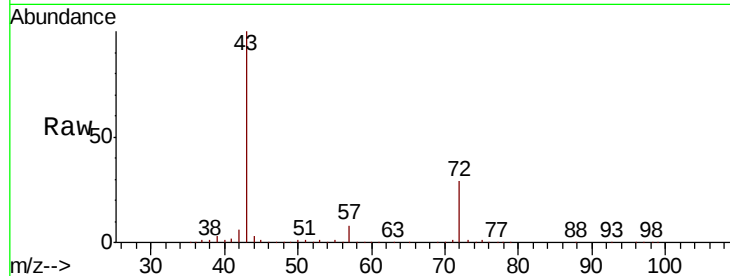
VSTDICCC050

Tot Ion: 43 Resp: 529752

Ion Ratio Lower Upper

43 100

72 29.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

150000

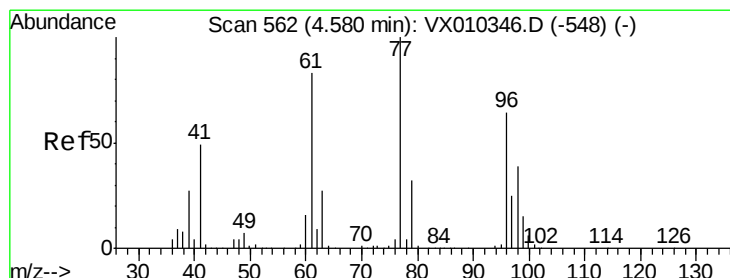
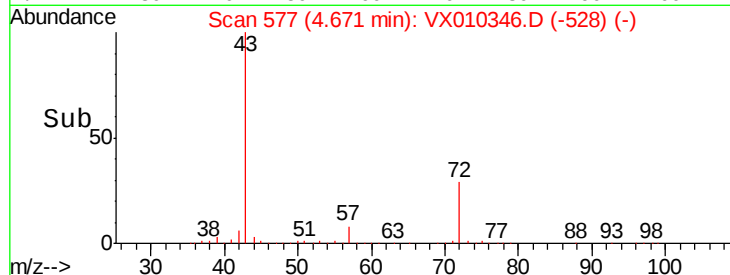
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 44.357 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010346.D

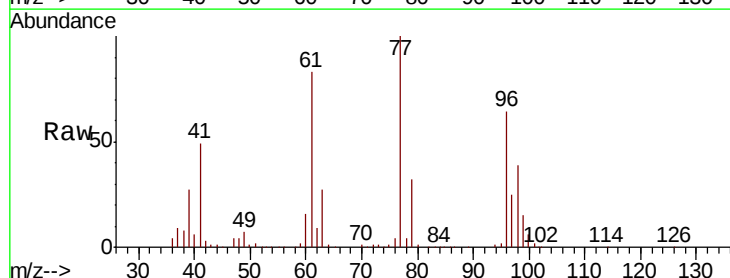
Acq: 19 Jun 2019 13:28

Tgt Ion: 77 Resp: 189673

Ion Ratio Lower Upper

77 100

97 26.2 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

60000

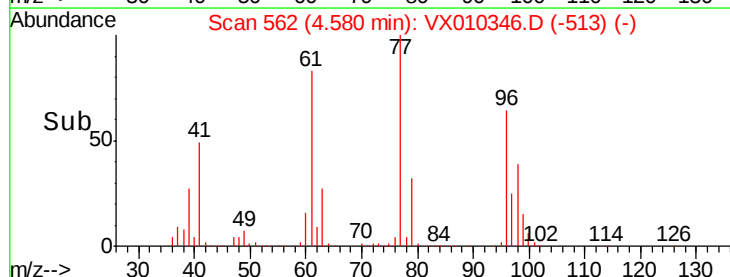
40000

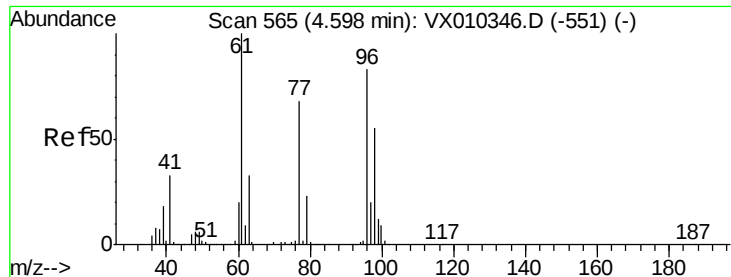
20000

0

4.40 4.50 4.60 4.70

Time-->



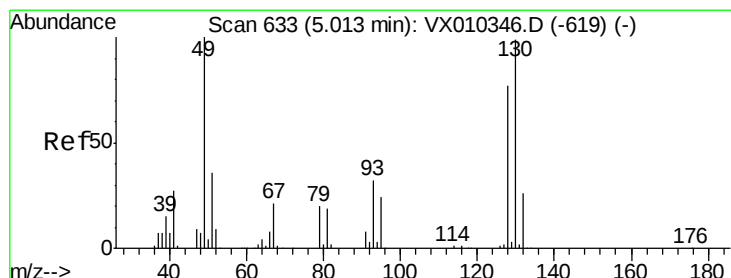
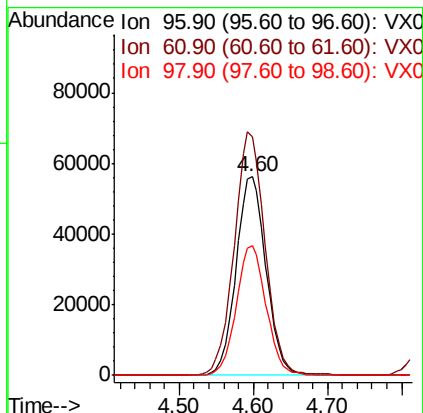
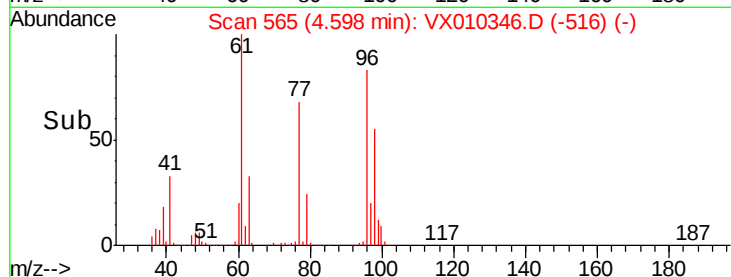
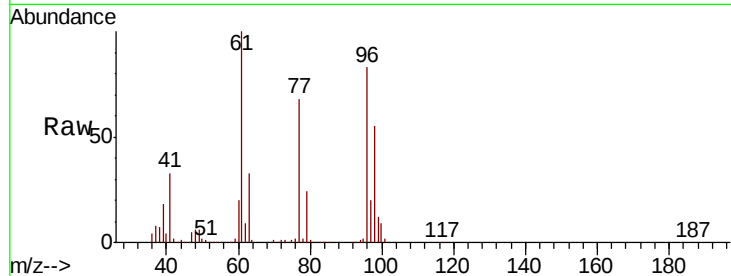


#27

cis-1,2-Dichloroethene
Concen: 47.766 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

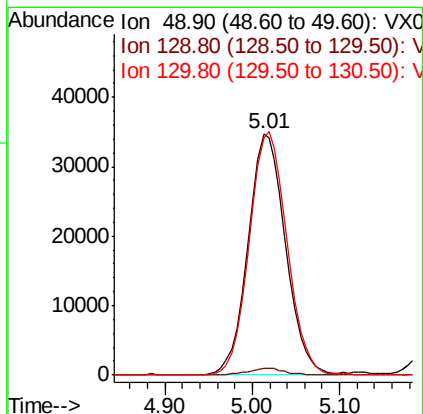
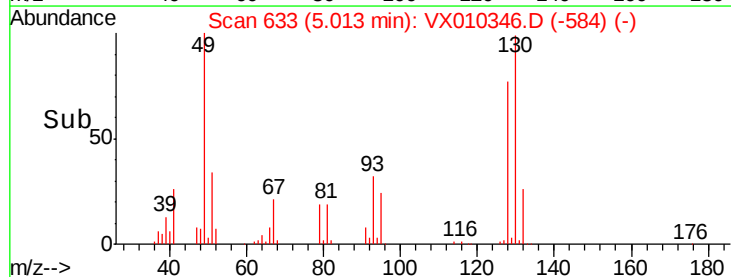
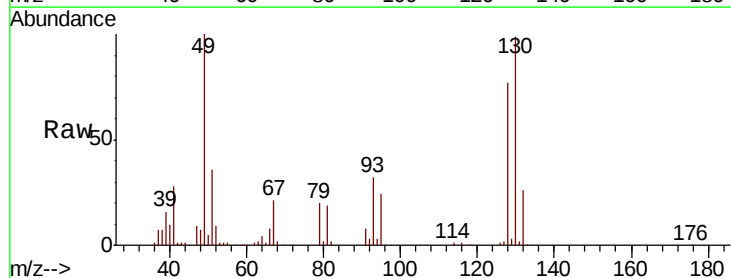
Tot Ion: 96 Resp: 159282
Ion Ratio Lower Upper
96 100
61 125.9 0.0 251.8
98 64.7 0.0 129.4

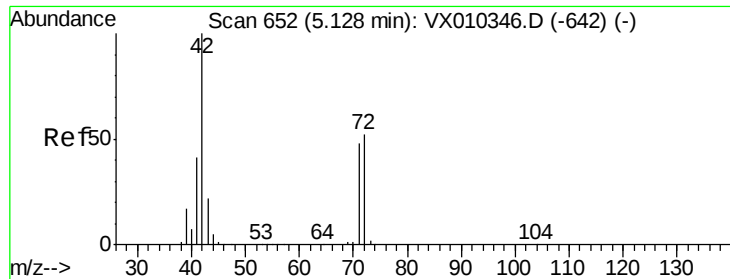


#28

Bromochloromethane
Concen: 48.554 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion: 49 Resp: 103715
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.6
130 101.7 81.4 122.0





#29

Tetrahydrofuran

Concen: 245.826 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

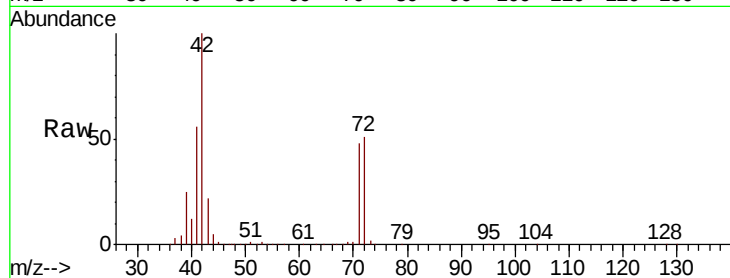
Tot Ion: 42 Resp: 320065

Ion Ratio Lower Upper

42 100

72 50.7 40.6 60.8

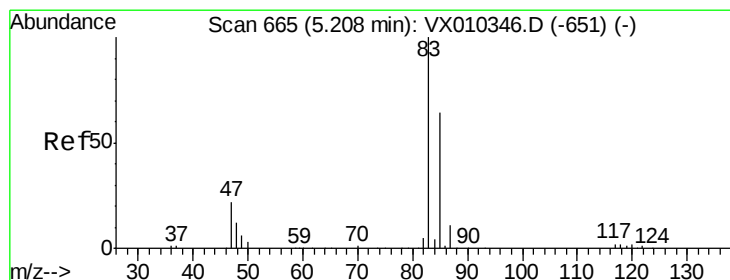
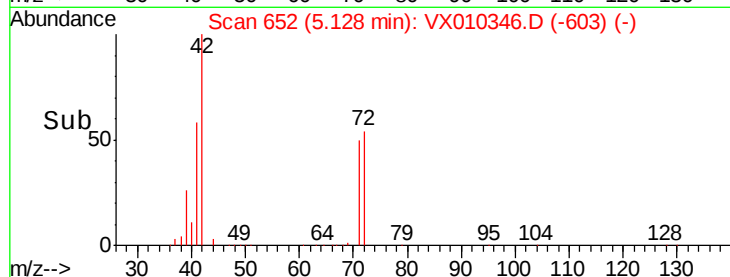
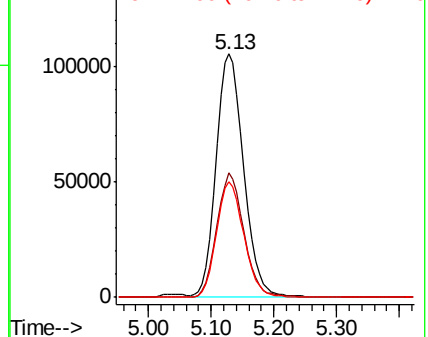
71 47.3 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.646 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010346.D

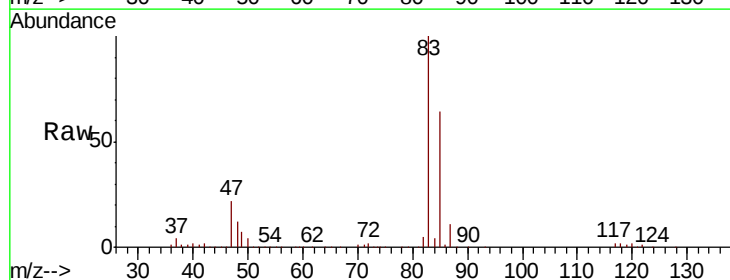
Acq: 19 Jun 2019 13:28

Tgt Ion: 83 Resp: 234486

Ion Ratio Lower Upper

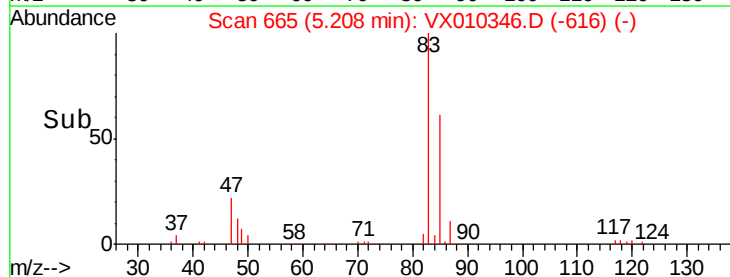
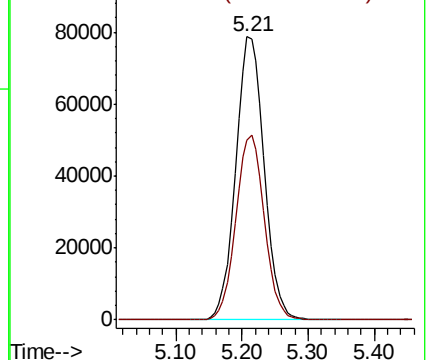
83 100

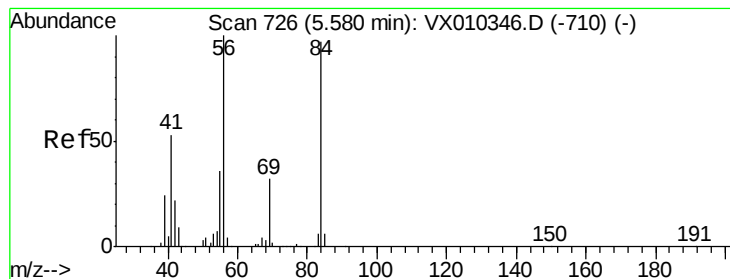
85 63.6 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.274 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

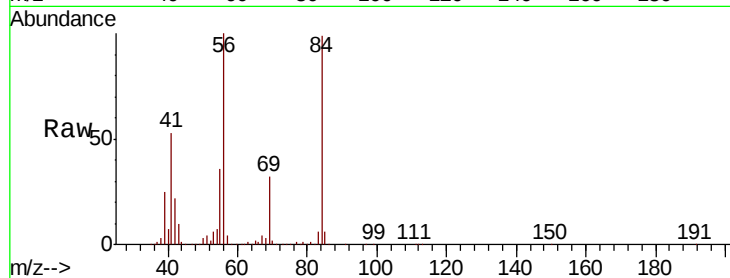
Tot Ion: 56 Resp: 200908

Ion Ratio Lower Upper

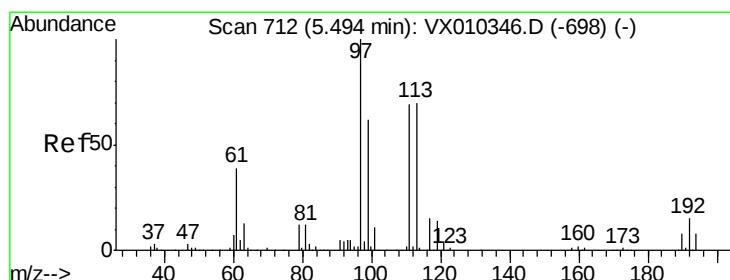
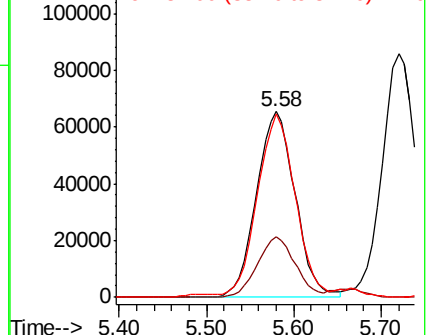
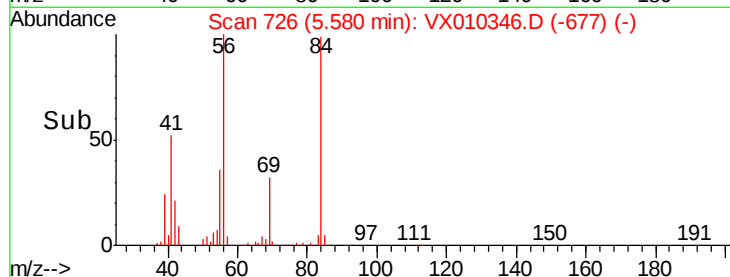
56 100

69 32.4 25.9 38.9

84 97.5 78.0 117.0



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: 45.719 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

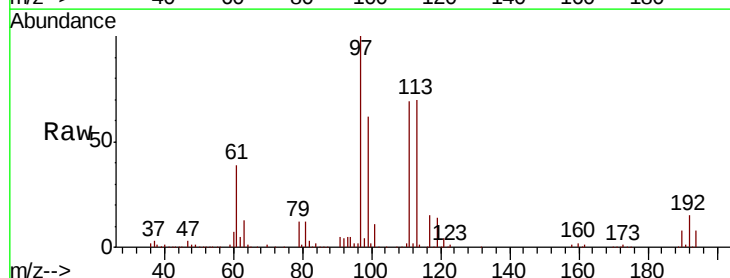
Tgt Ion: 97 Resp: 211159

Ion Ratio Lower Upper

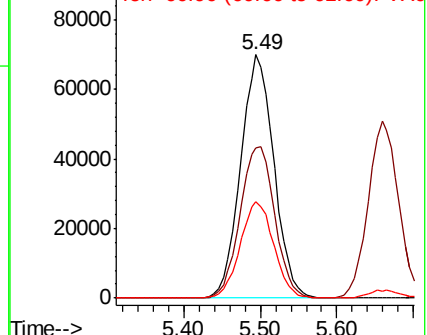
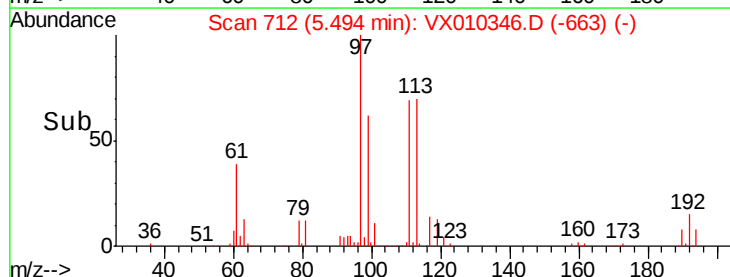
97 100

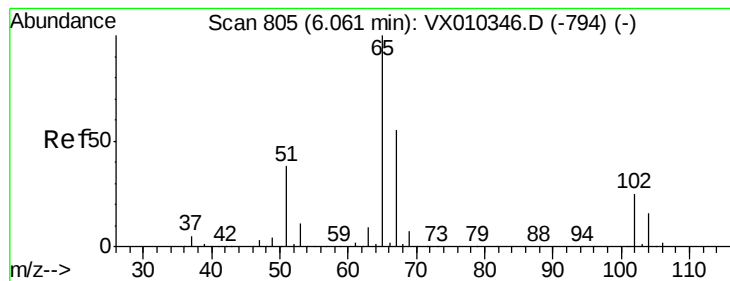
99 64.8 51.8 77.8

61 40.1 32.1 48.1



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: 47.994 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

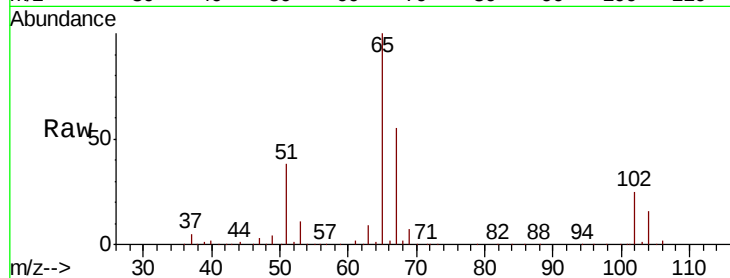
VSTDICCC050

Tot Ion: 65 Resp: 141356

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

60000

50000

40000

30000

20000

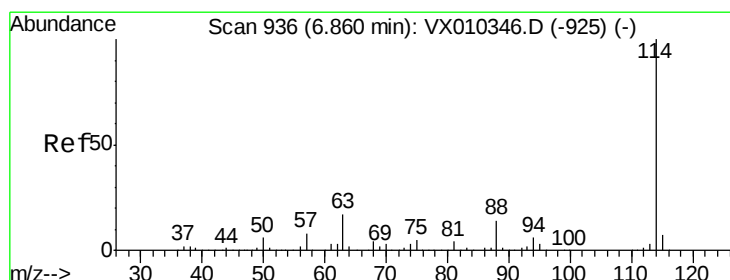
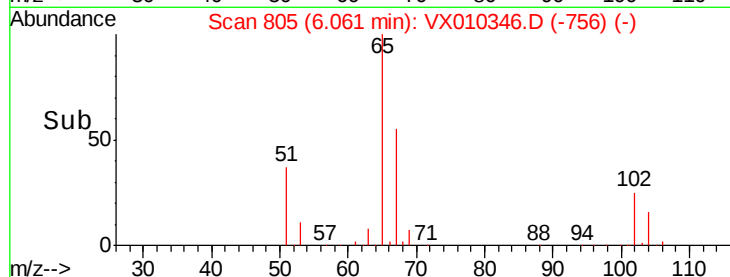
10000

0

6.06

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

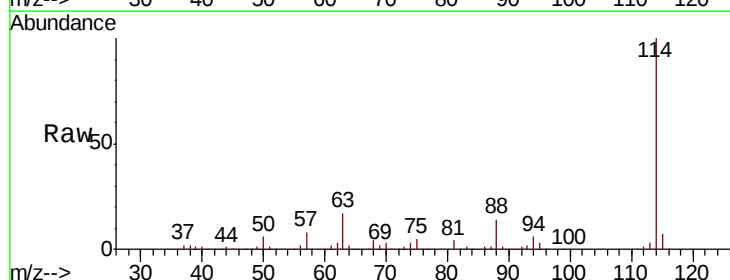
Tgt Ion: 114 Resp: 447000

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.8

88 13.8 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

100000

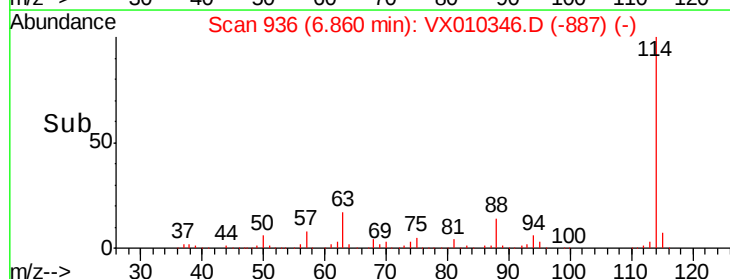
50000

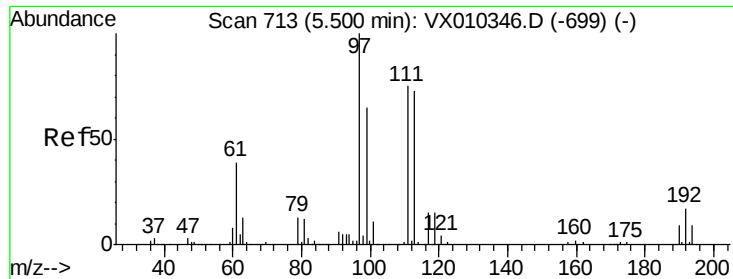
0

6.86

6.80 6.90 7.00

Time-->

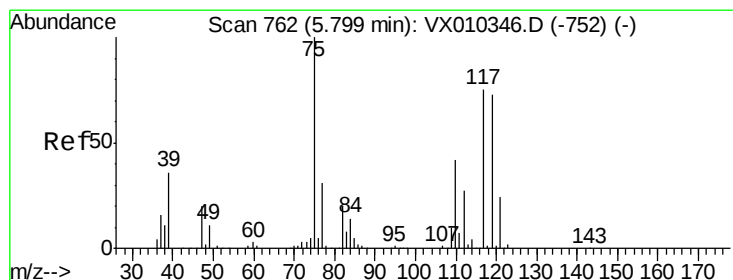
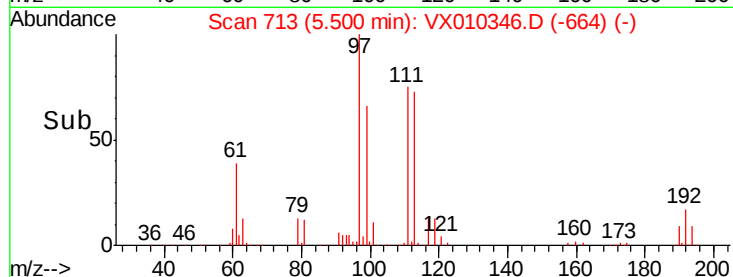
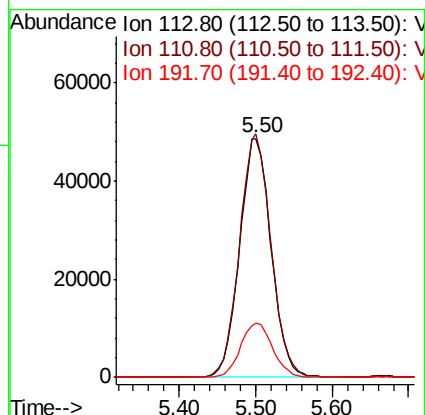
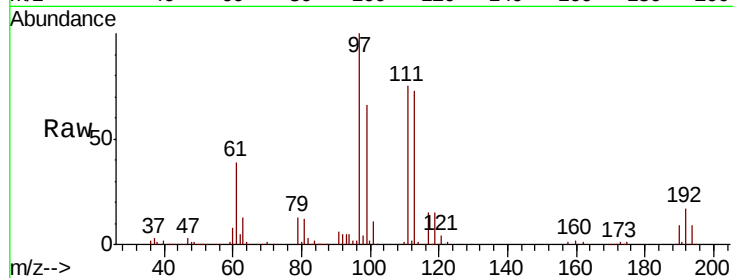




#35
 Dibromofluoromethane
 Concen: 50.286 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

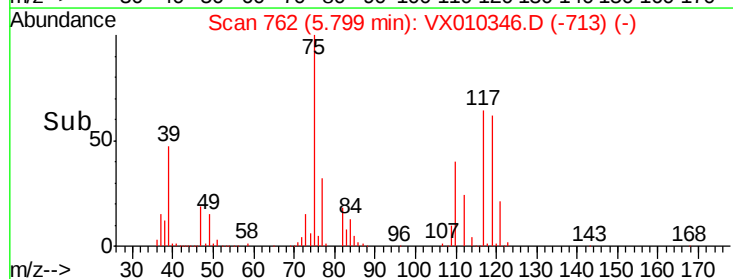
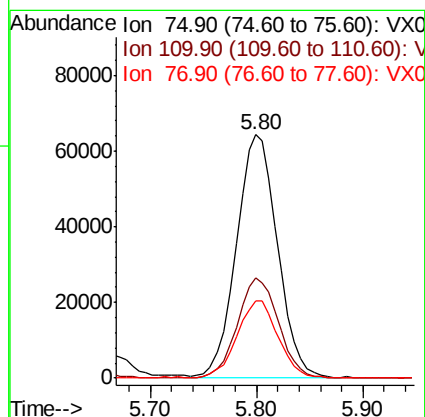
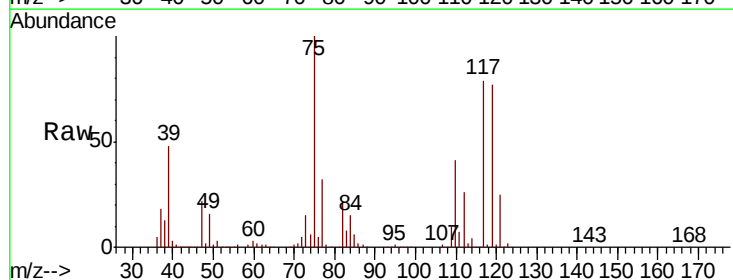
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

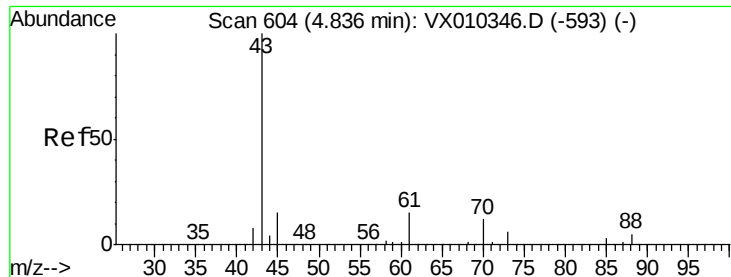
Tot Ion:113 Resp: 139519
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.2 121.8
 192 23.2 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 47.547 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion: 75 Resp: 173171
 Ion Ratio Lower Upper
 75 100
 110 41.5 20.8 62.2
 77 31.7 25.4 38.0





#37

Ethyl Acetate

Concen: 49.268 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

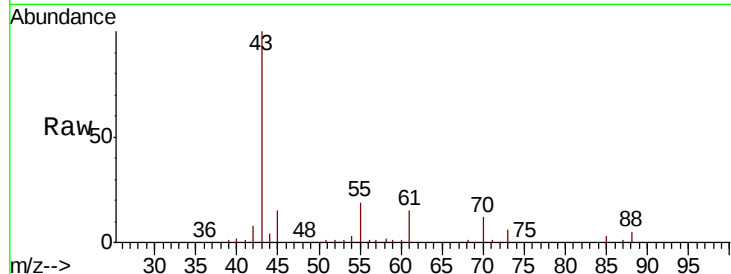
Tot Ion: 43 Resp: 187562

Ion Ratio Lower Upper

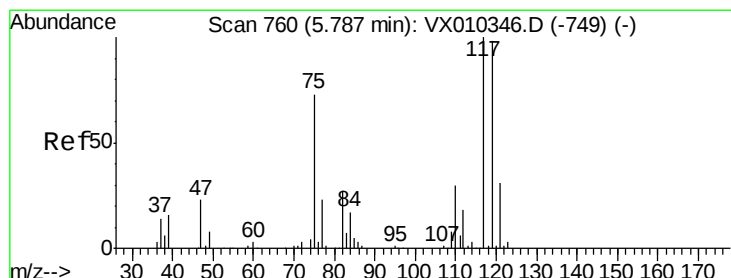
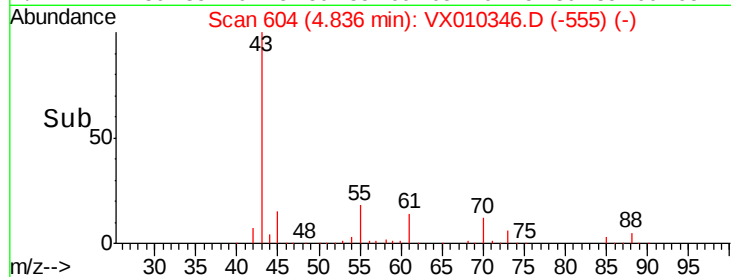
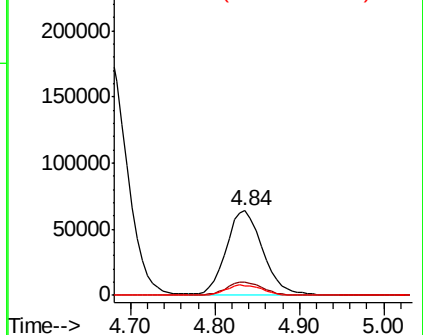
43 100

61 15.5 12.4 18.6

70 12.3 9.8 14.8



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



#38

Carbon Tetrachloride

Concen: 47.118 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

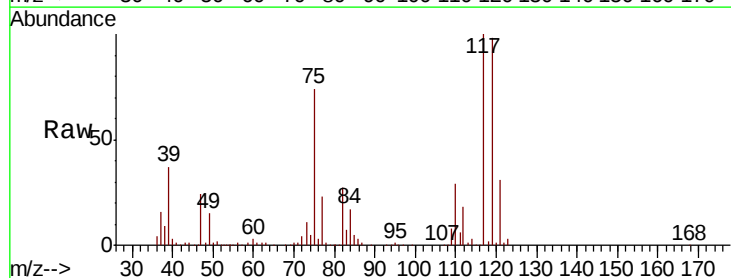
Tgt Ion: 117 Resp: 193881

Ion Ratio Lower Upper

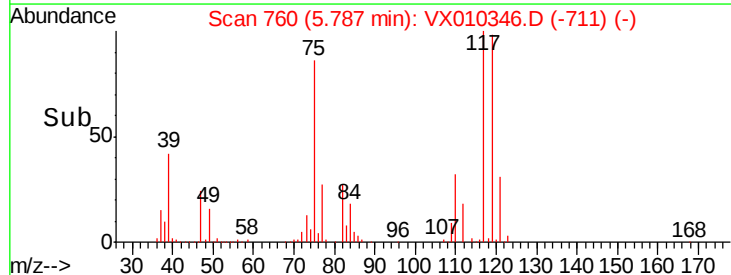
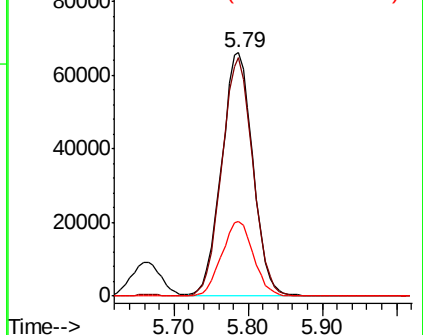
117 100

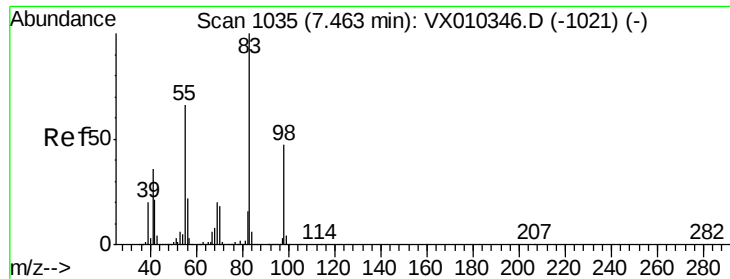
119 97.8 78.2 117.4

121 30.9 24.7 37.1



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

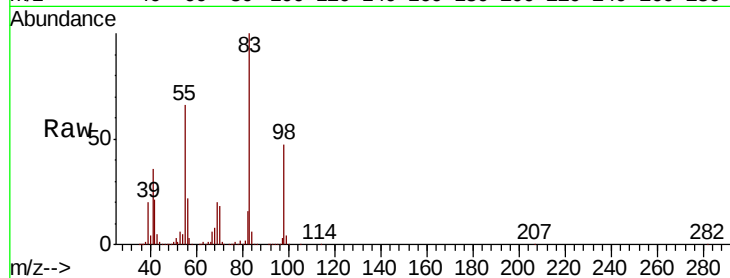




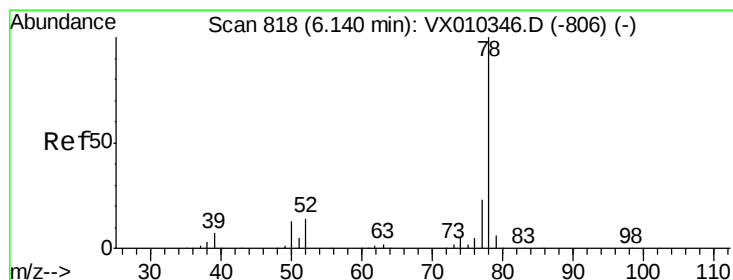
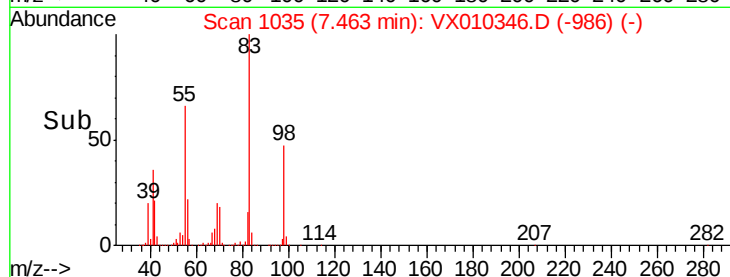
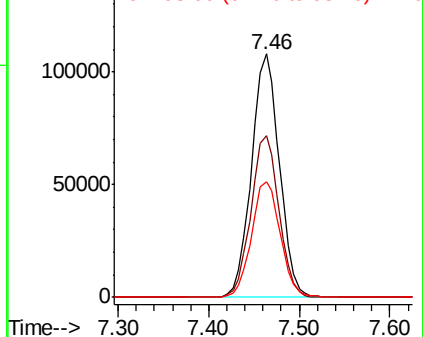
#39
Methylvlcyclohexane
Concen: 46.380 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 229218
Ion Ratio Lower Upper
83 100
55 66.3 53.0 79.6
98 47.3 37.8 56.8

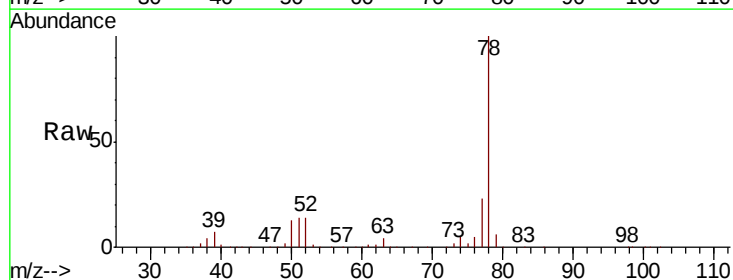


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

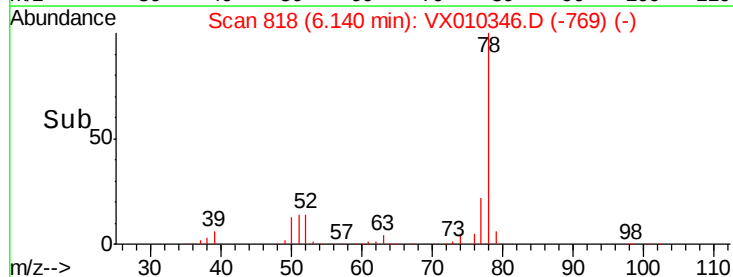
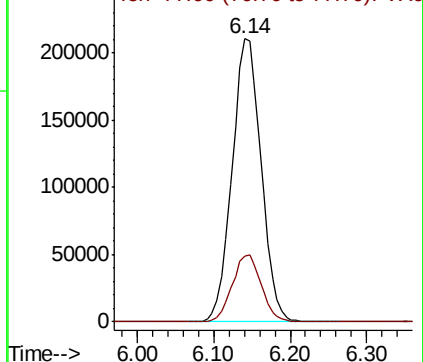


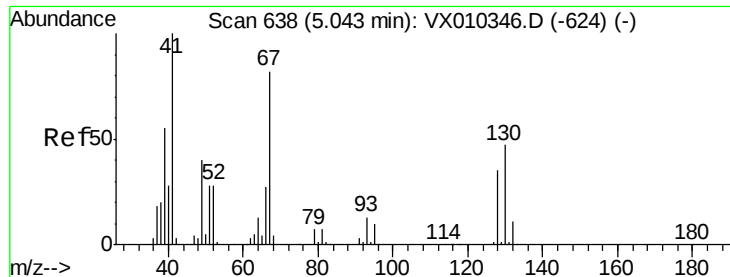
#40
Benzene
Concen: 48.965 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion: 78 Resp: 552717
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0



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





#41

Methacrylonitrile

Concen: 48.922 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 100418

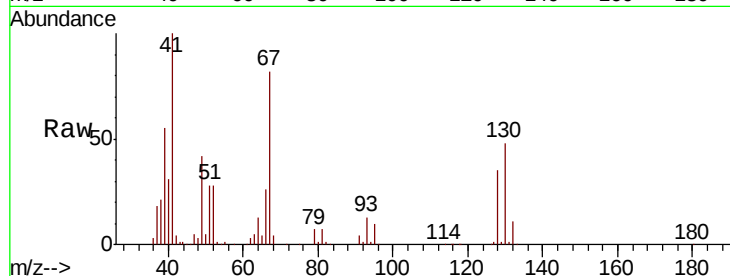
Ion Ratio Lower Upper

41 100

39 54.8 43.8 65.8

67 83.3 66.6 100.0

52 30.6 24.5 36.7

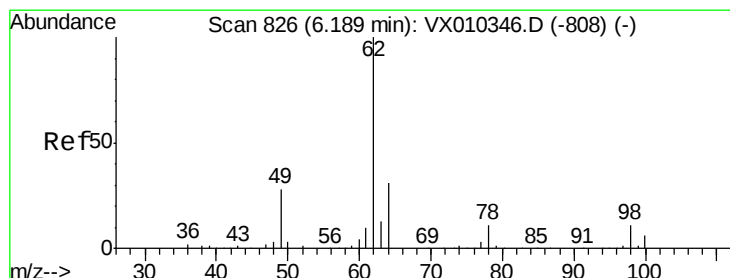
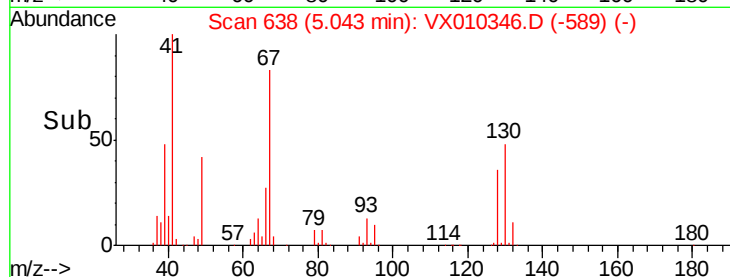
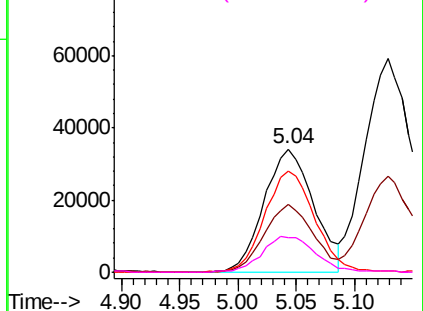


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 47.782 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010346.D

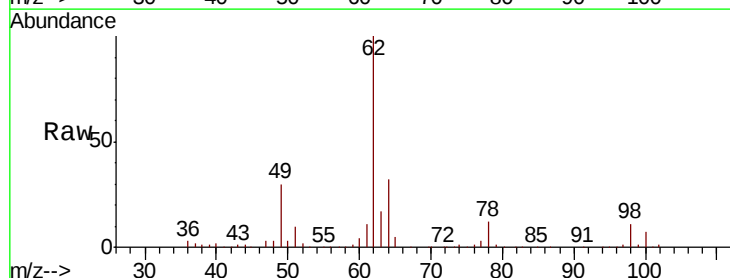
Acq: 19 Jun 2019 13:28

Tgt Ion: 62 Resp: 171532

Ion Ratio Lower Upper

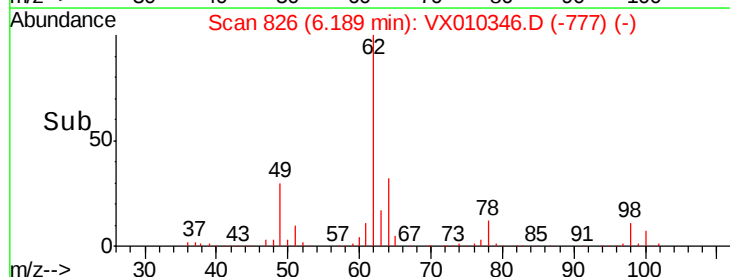
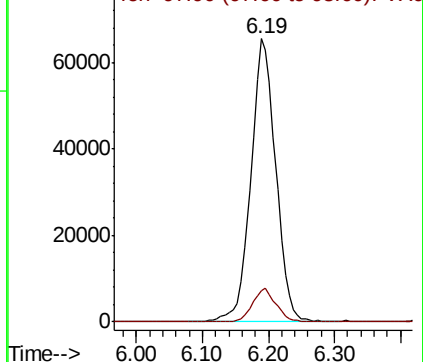
62 100

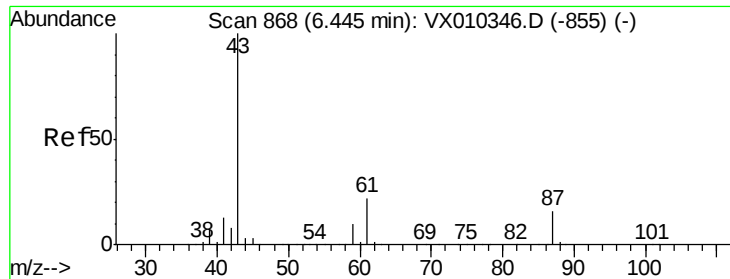
98 11.1 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



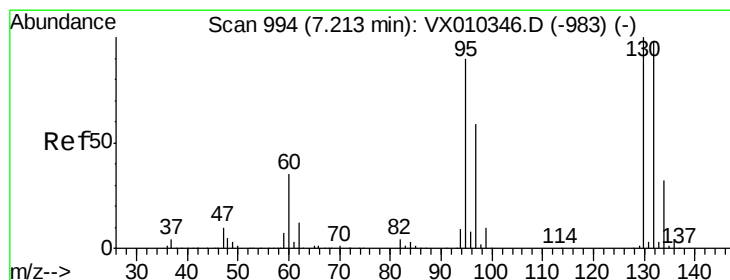
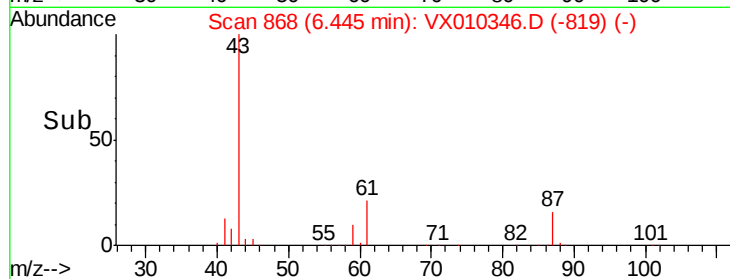
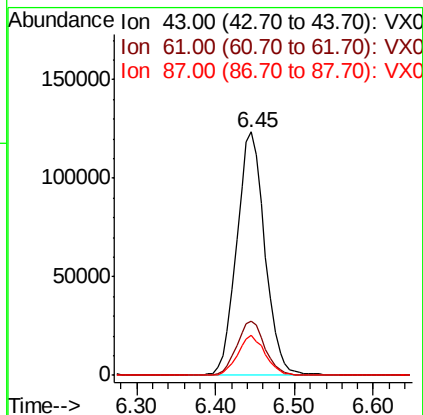
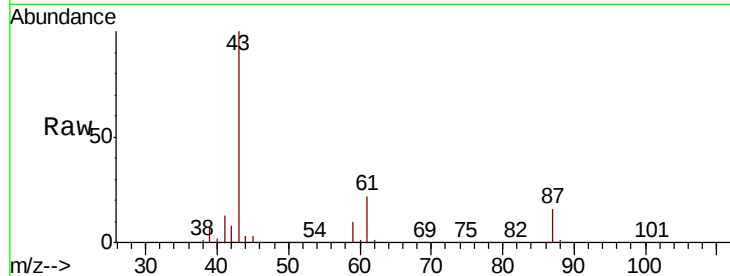


#43

Isopropyl Acetate
 Concen: 48.018 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

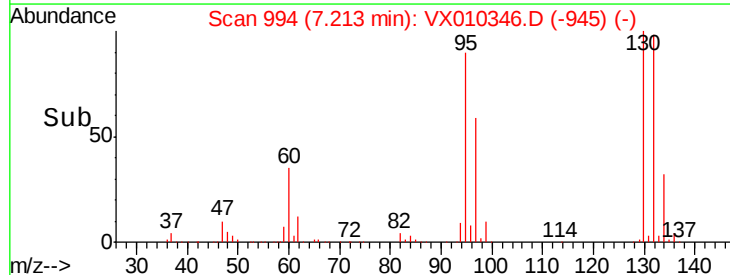
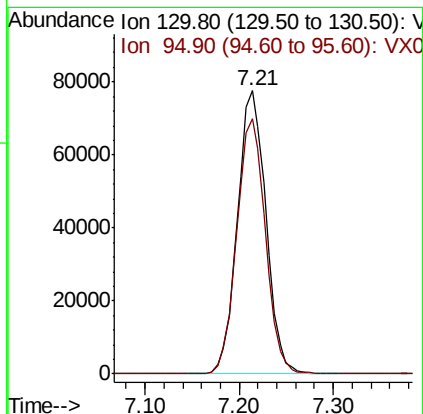
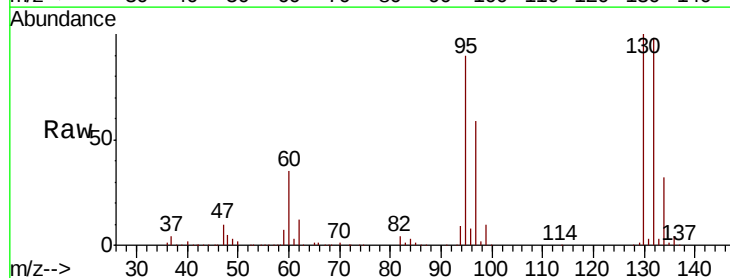
Tot Ion: 43 Resp: 304337
 Ion Ratio Lower Upper
 43 100
 61 22.2 17.8 26.6
 87 16.2 13.0 19.4

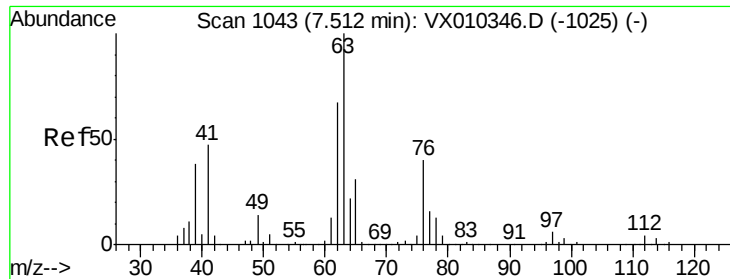


#44

Trichloroethene
 Concen: 48.208 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion: 130 Resp: 164204
 Ion Ratio Lower Upper
 130 100
 95 90.4 0.0 180.8





#45

1,2-Dichloropropane

Concen: 48.891 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

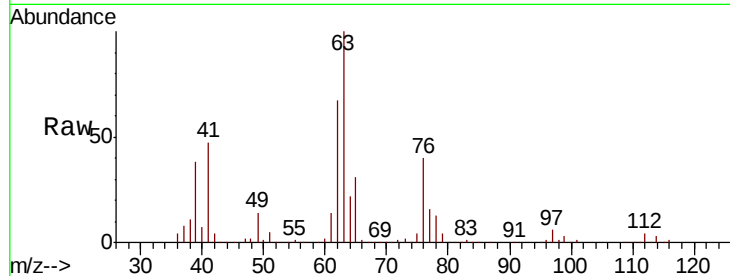
VSTDICCC050

Tot Ion: 63 Resp: 138125

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

60000

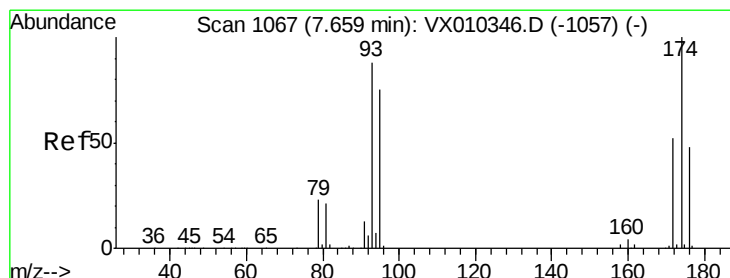
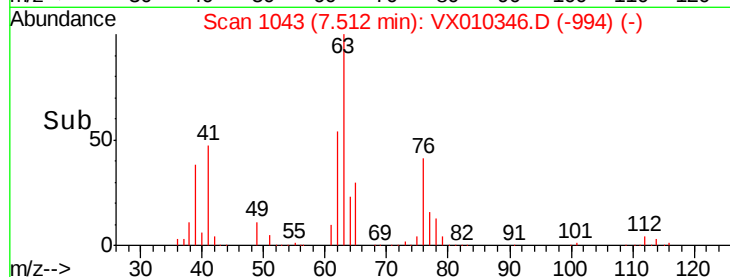
40000

20000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 47.217 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

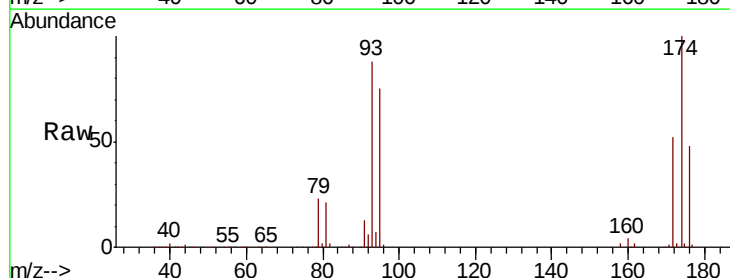
Tgt Ion: 93 Resp: 100021

Ion Ratio Lower Upper

93 100

95 84.4 67.5 101.3

174 119.7 95.8 143.6



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

80000

60000

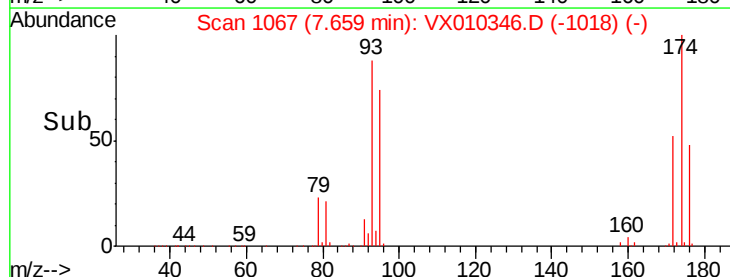
40000

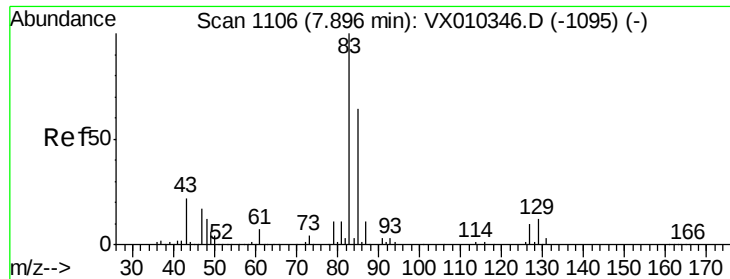
20000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 47.630 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

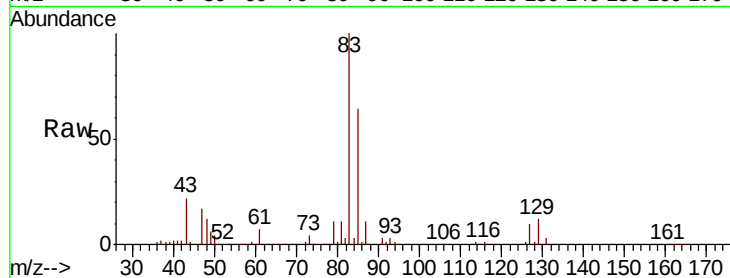
Tot Ion: 83 Resp: 187320

Ion Ratio Lower Upper

83 100

85 64.4 51.5 77.3

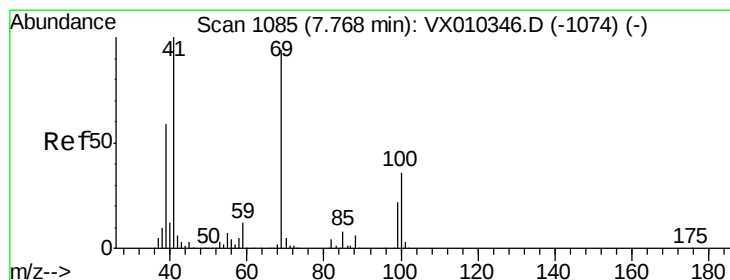
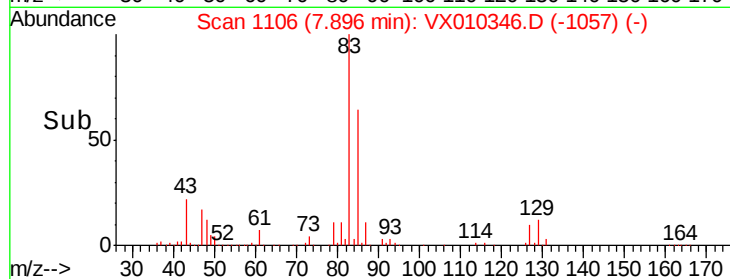
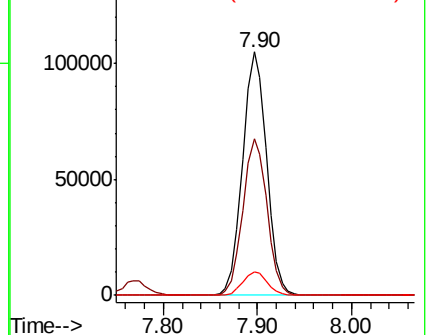
127 9.8 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.906 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

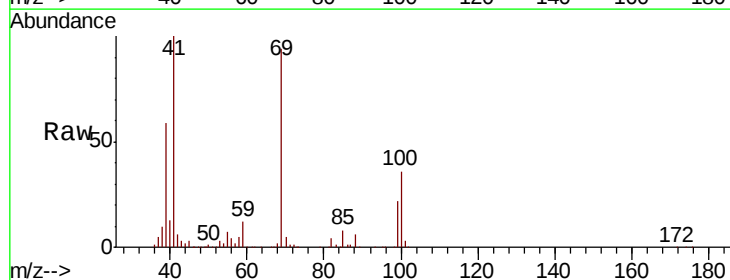
Tgt Ion: 41 Resp: 144465

Ion Ratio Lower Upper

41 100

69 95.1 76.1 114.1

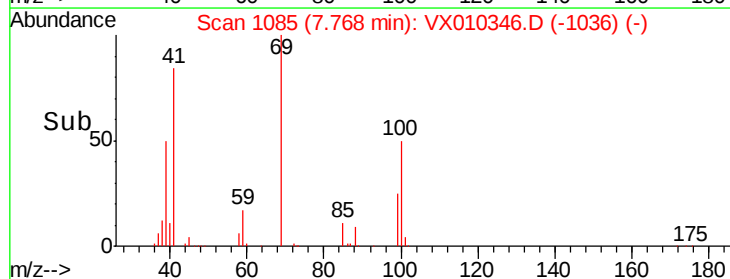
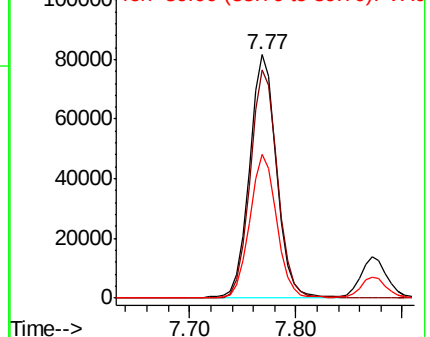
39 59.5 47.6 71.4

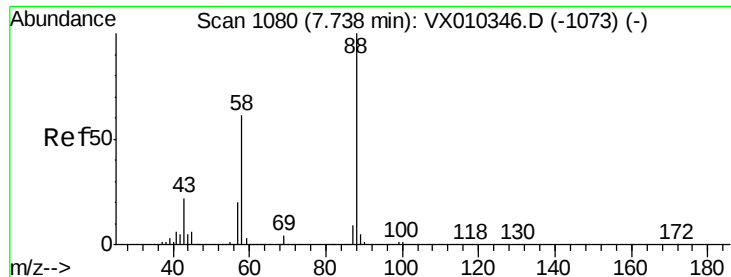


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

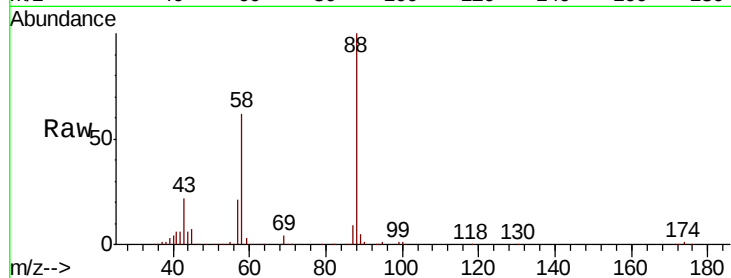




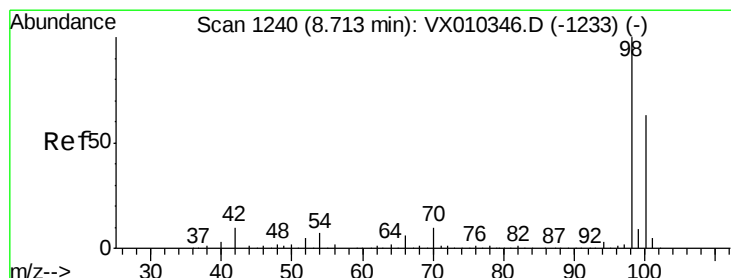
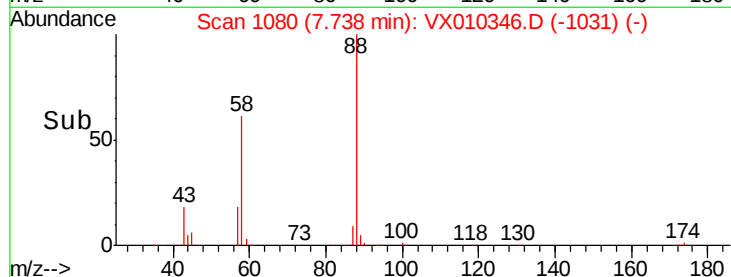
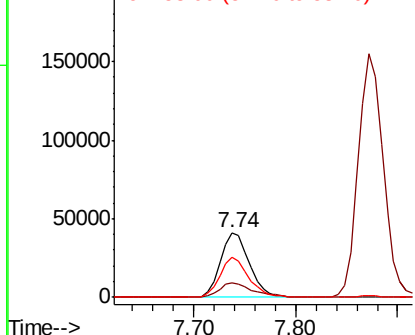
#49
1,4-Dioxane
Concen: 959.679 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 88 Resp: 81099
Ion Ratio Lower Upper
88 100
43 25.2 20.2 30.2
58 61.9 49.5 74.3

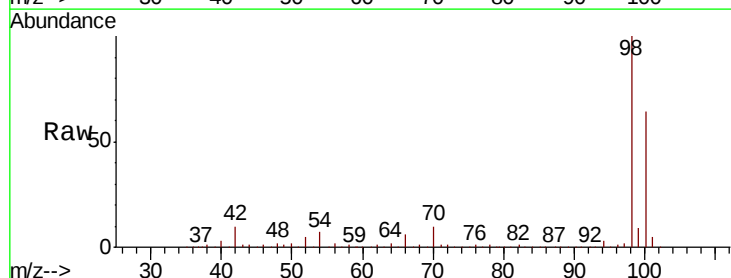


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

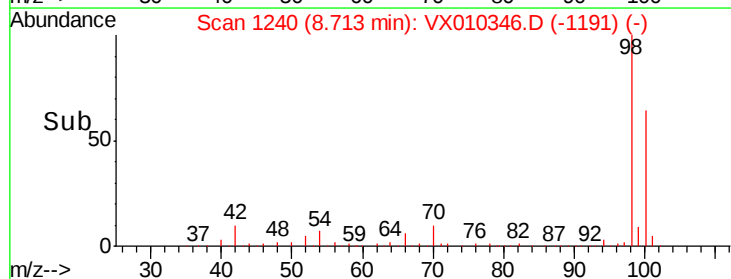
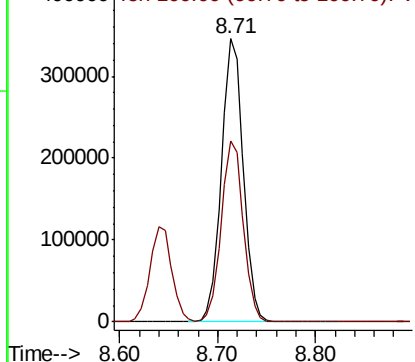


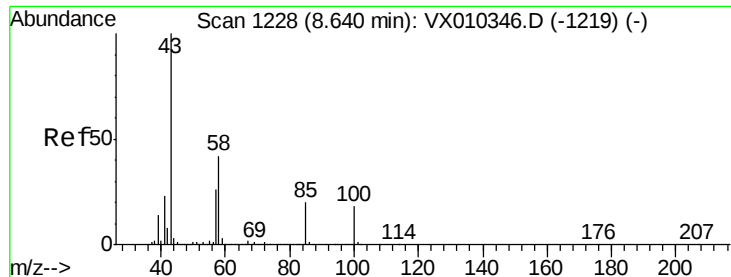
#50
Toluene-d8
Concen: 51.353 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion: 98 Resp: 534938
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



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

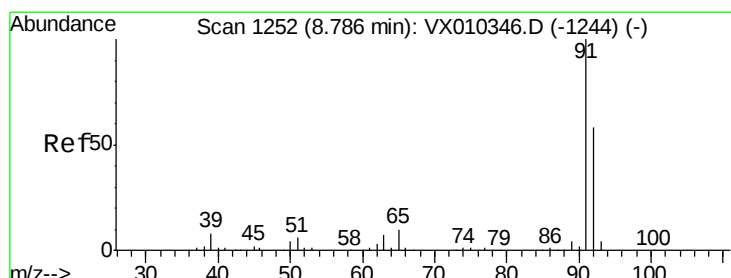
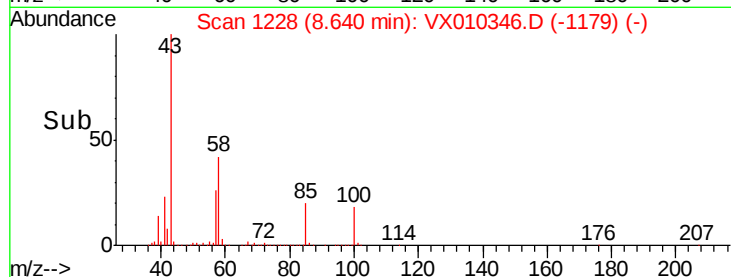
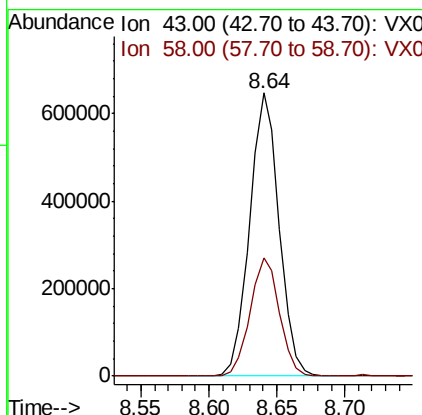
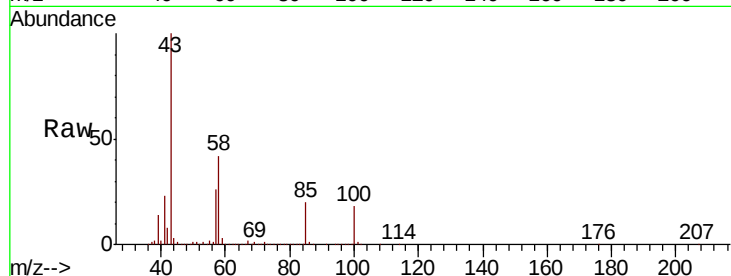




#51
4-Methyl-2-Pentanone
Concen: 257.527 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

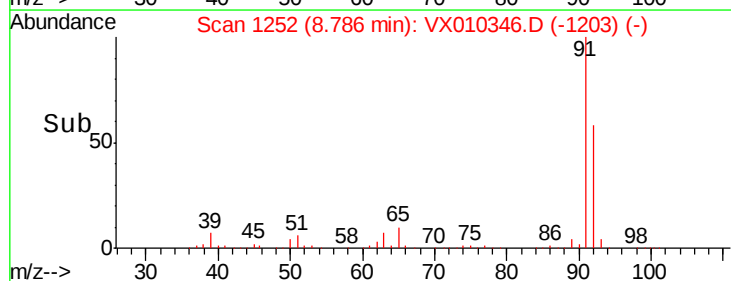
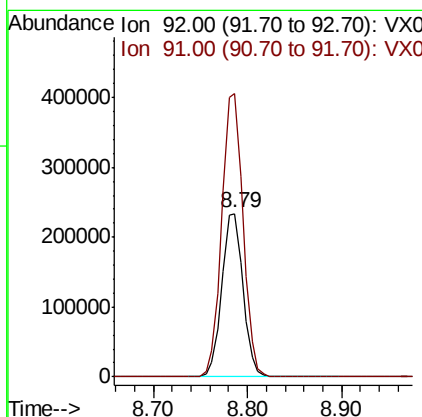
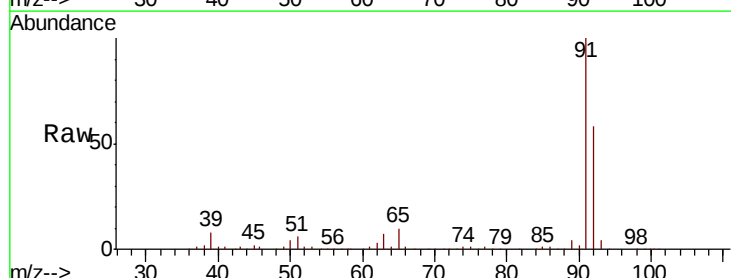
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

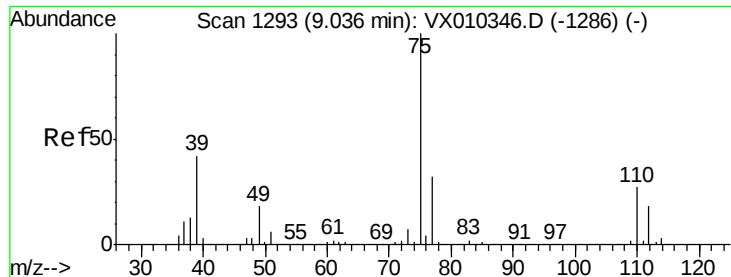
Tot Ion: 43 Resp: 980127
Ion Ratio Lower Upper
43 100
58 41.9 33.5 50.3



#52
Toluene
Concen: 48.994 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion: 92 Resp: 364556
Ion Ratio Lower Upper
92 100
91 174.7 139.8 209.6

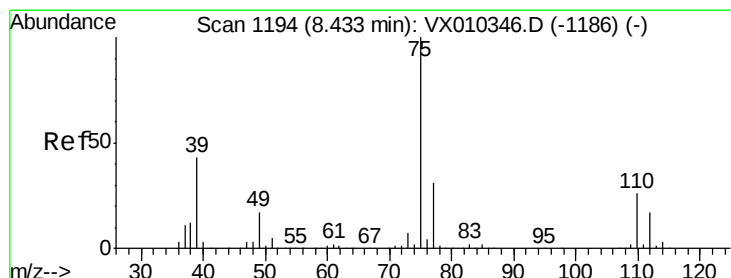
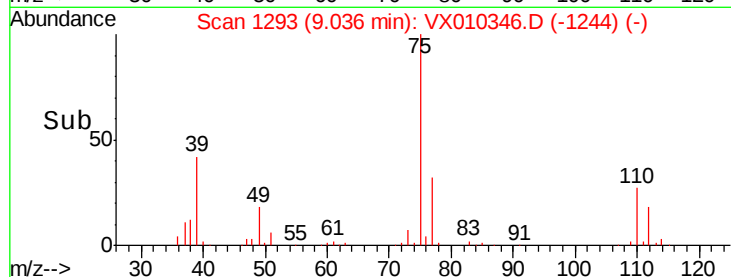
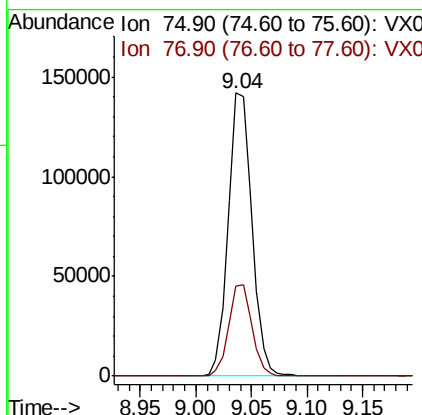
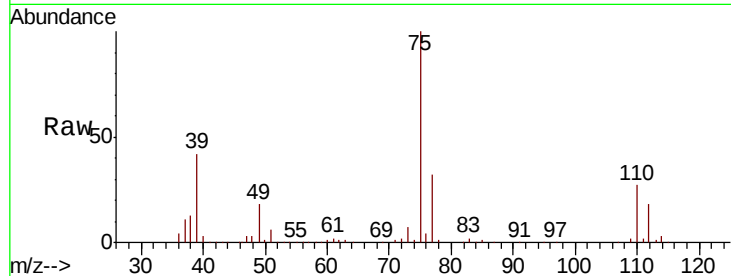




#53
 t-1,3-Dichloropropene
 Concen: 46.396 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

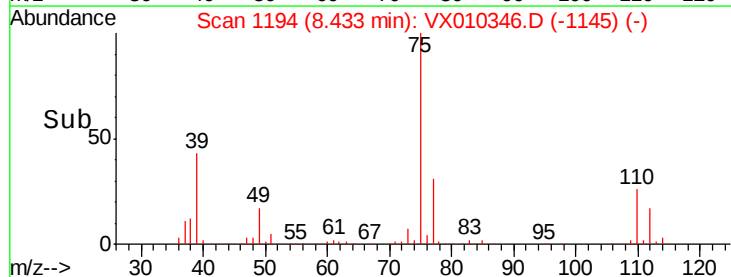
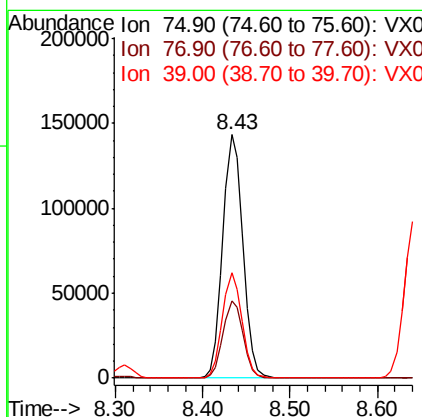
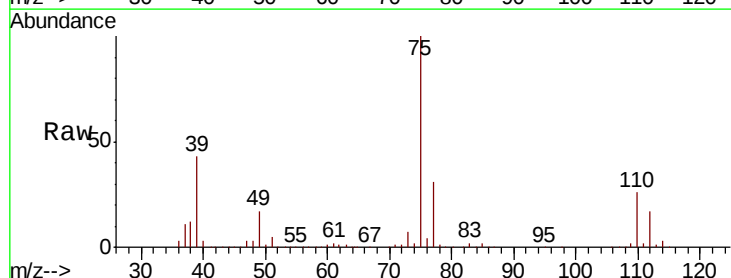
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

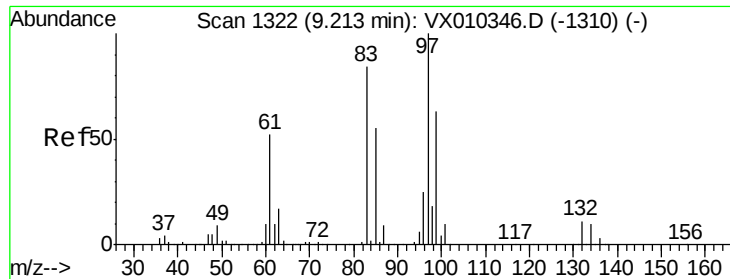
Tot Ion: 75 Resp: 209856
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 47.065 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion: 75 Resp: 229303
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 43.1 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 49.775 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 97 Resp: 151515

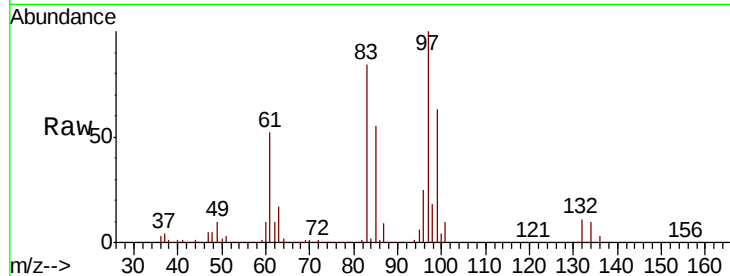
Ion Ratio Lower Upper

97 100

83 84.2 67.4 101.0

85 54.8 43.8 65.8

99 62.9 50.3 75.5

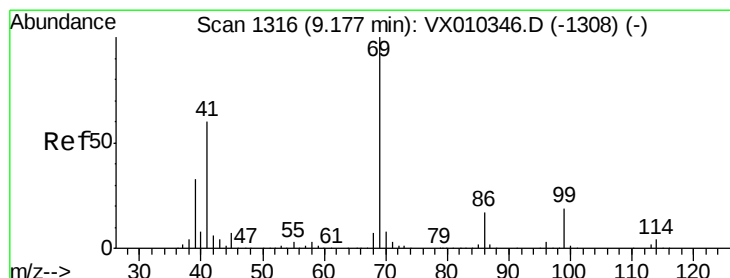
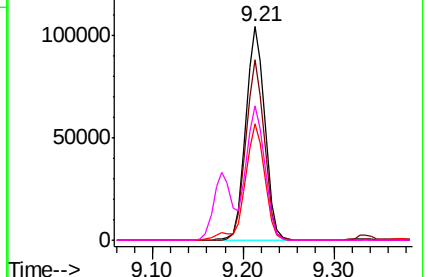
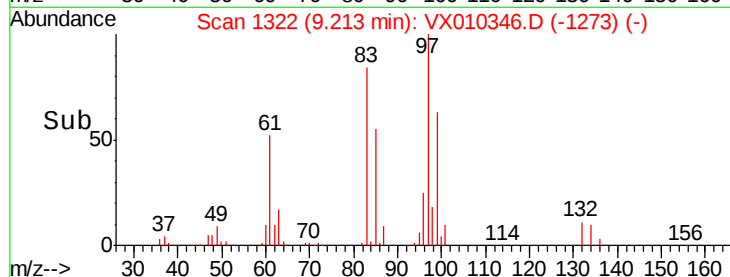


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 48.929 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

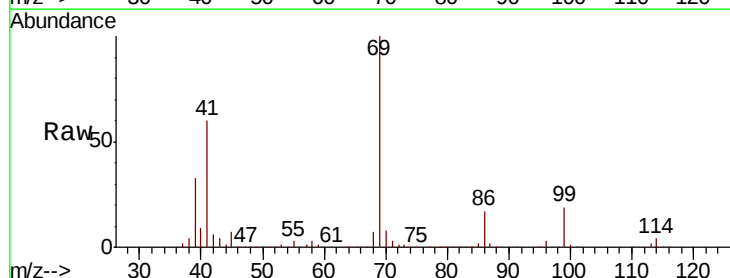
Tgt Ion: 69 Resp: 233831

Ion Ratio Lower Upper

69 100

41 58.9 47.1 70.7

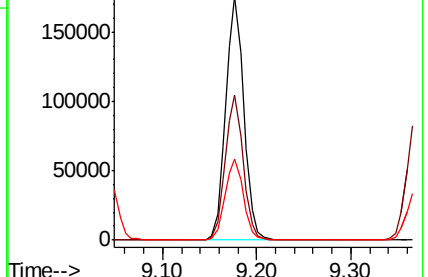
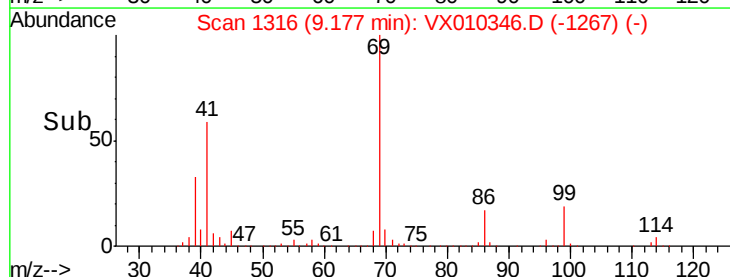
39 33.3 26.6 40.0

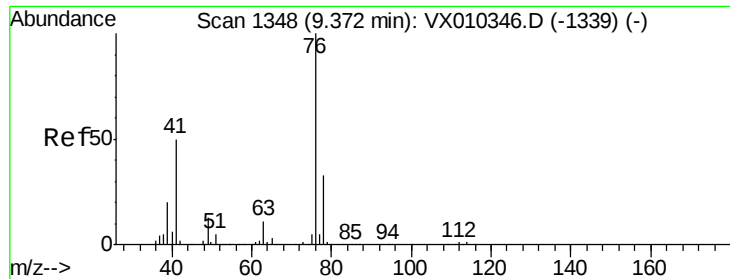


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.967 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

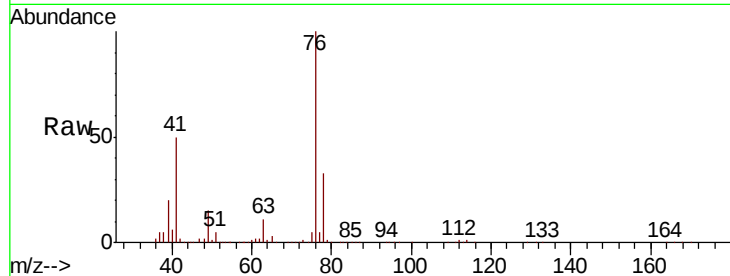
VSTDICCC050

Tot Ion: 76 Resp: 234544

Ion Ratio Lower Upper

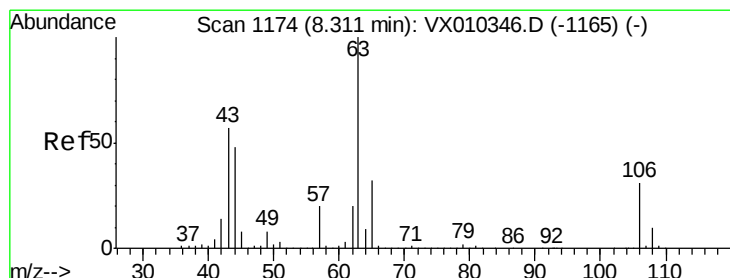
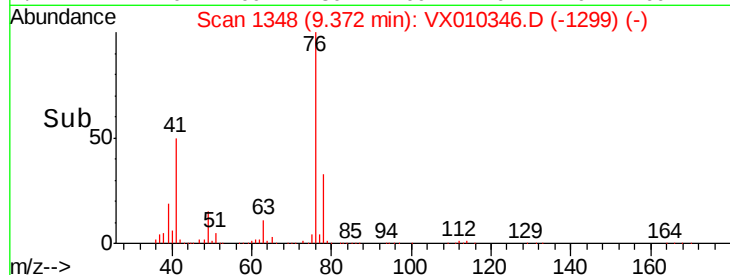
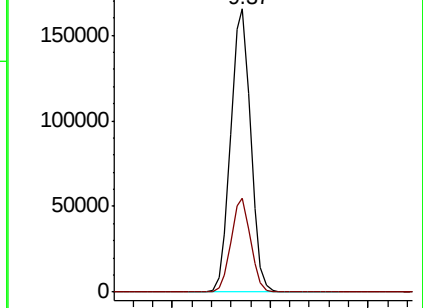
76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 249.485 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010346.D

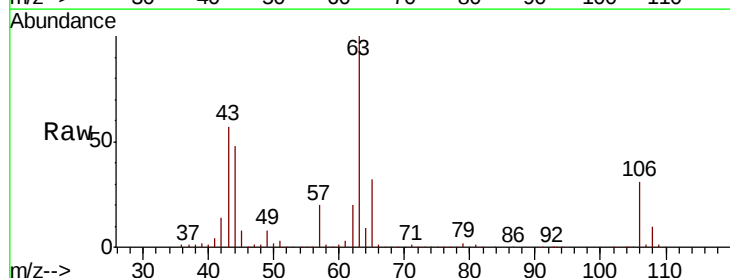
Acq: 19 Jun 2019 13:28

Tgt Ion: 63 Resp: 562858

Ion Ratio Lower Upper

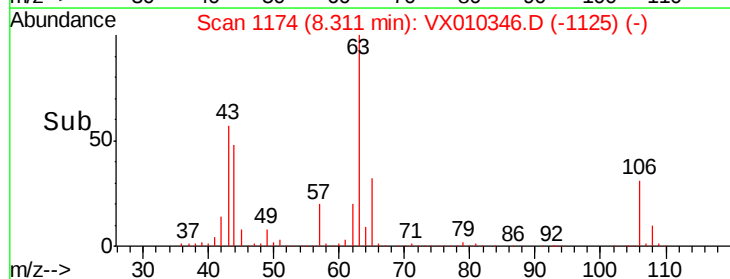
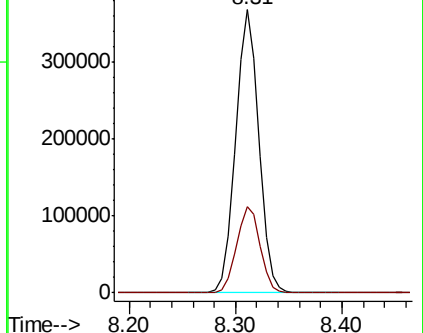
63 100

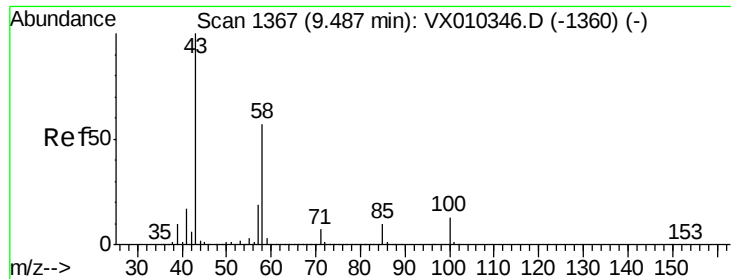
106 30.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

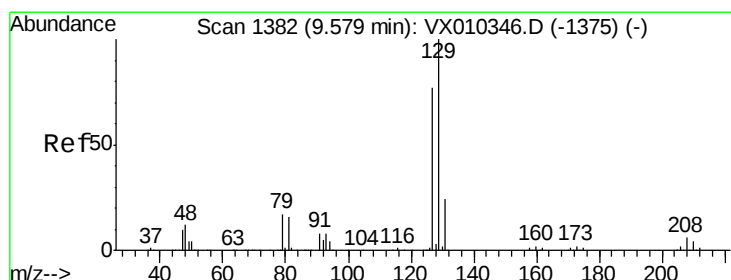
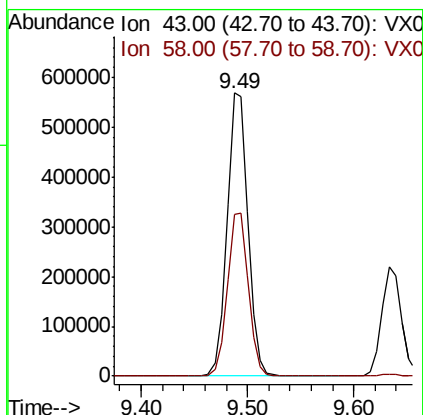
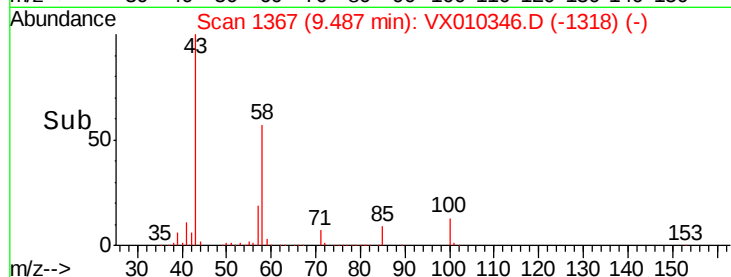
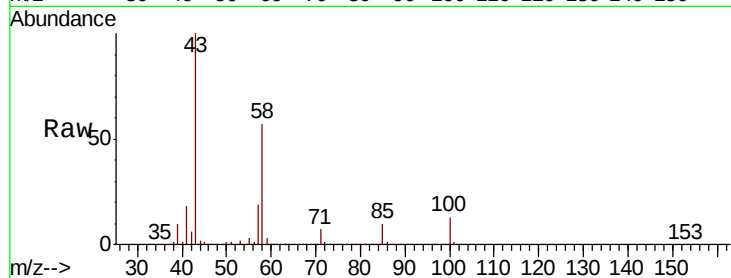




#59
2-Hexanone
Concen: 257.237 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

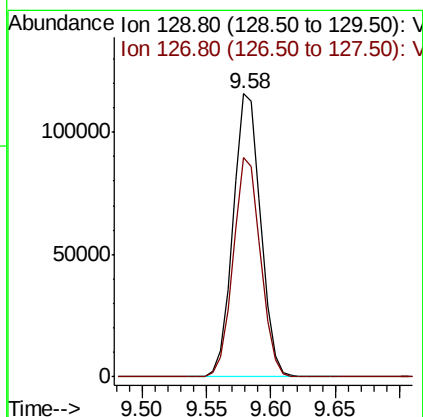
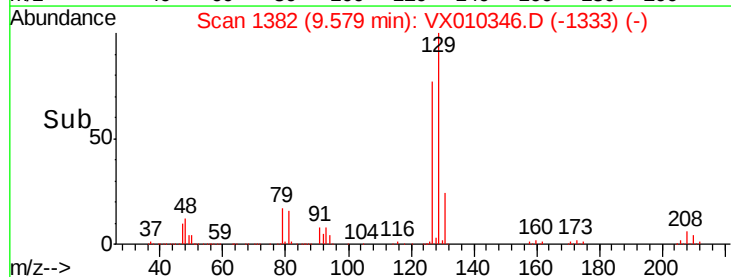
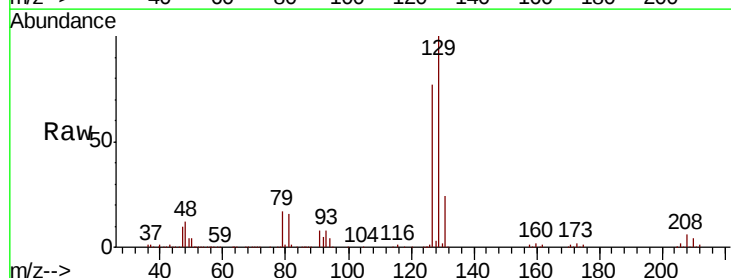
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

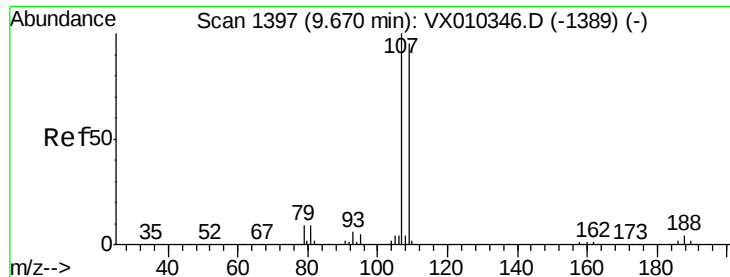
Tot Ion: 43 Resp: 781593
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.1



#60
Dibromochloromethane
Concen: 48.163 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion:129 Resp: 172311
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1

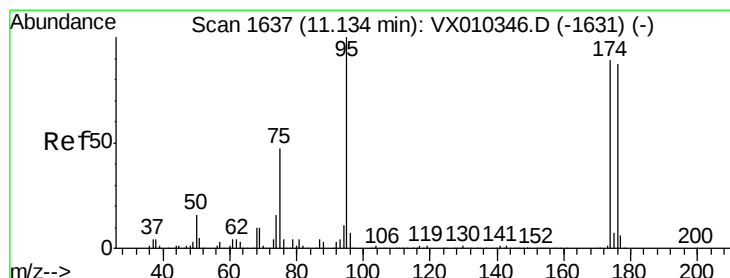
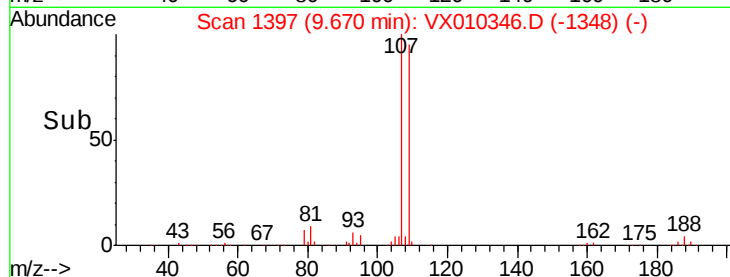
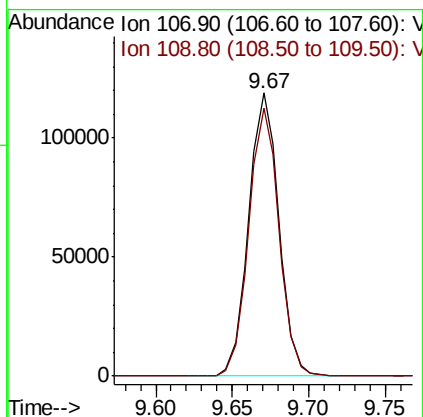
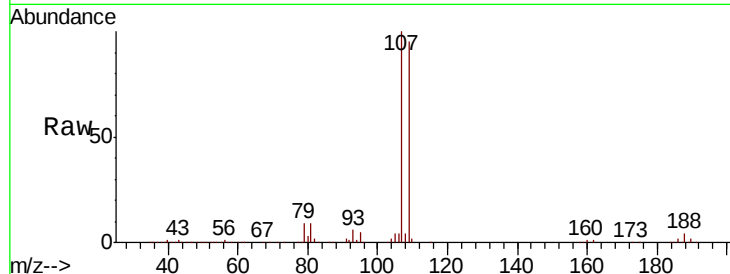




#61
 1,2-Dibromoethane
 Concen: 48.375 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

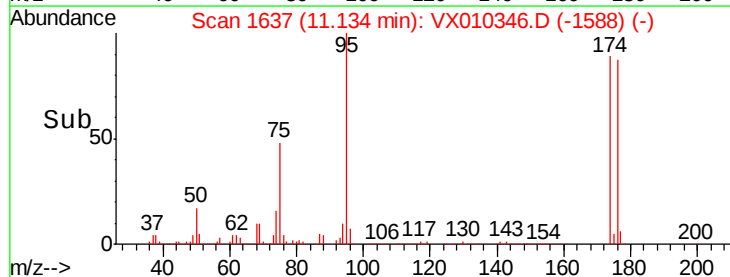
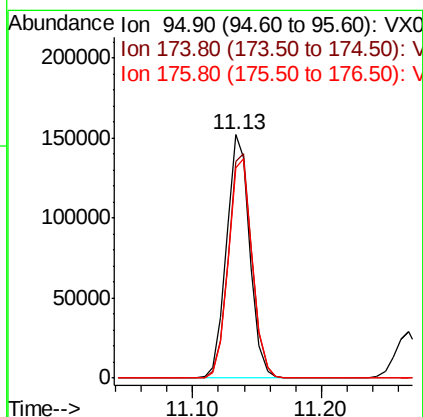
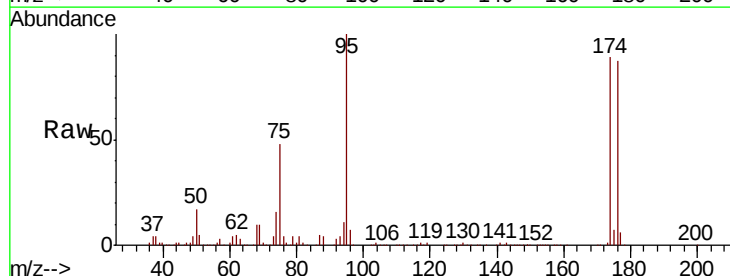
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

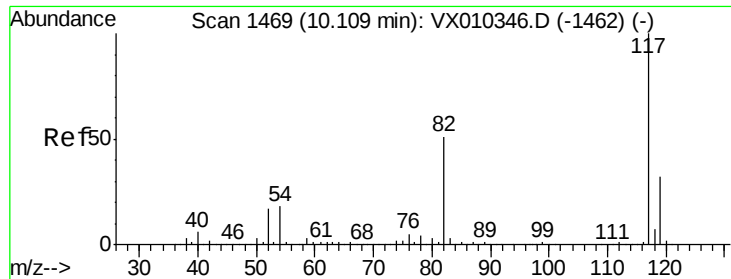
Tot Ion:107 Resp: 163572
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 50.104 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion: 95 Resp: 193598
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 187.6
 176 92.0 0.0 184.0

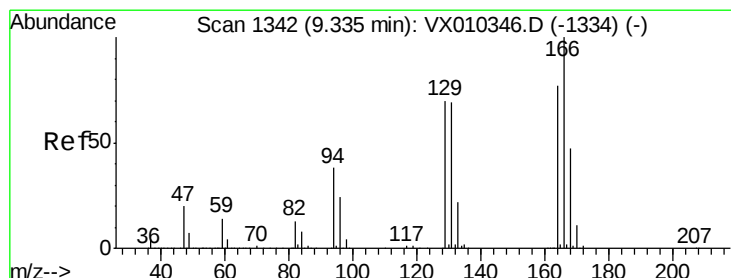
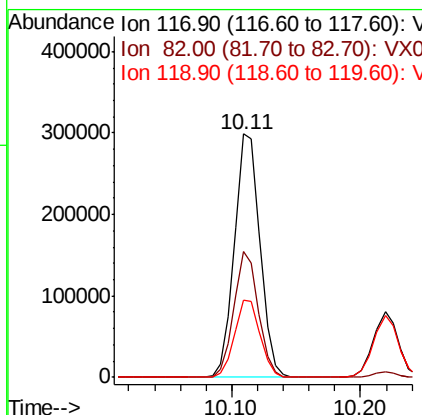
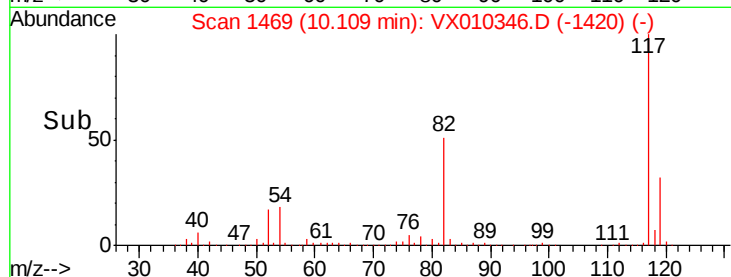
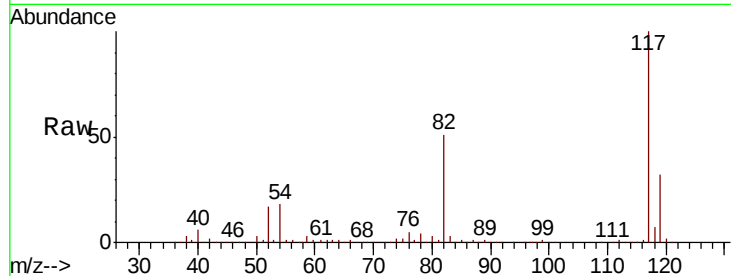




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

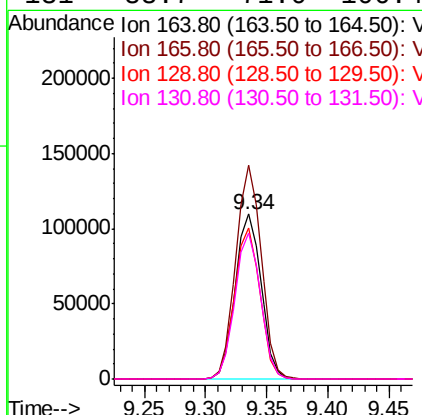
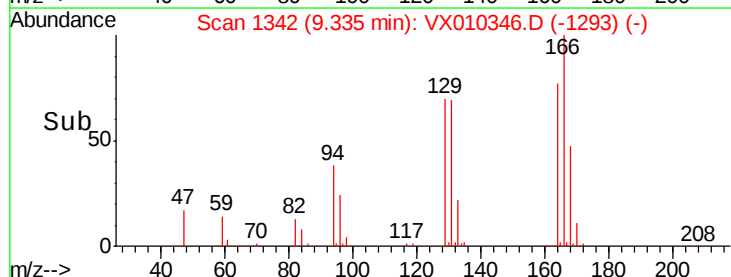
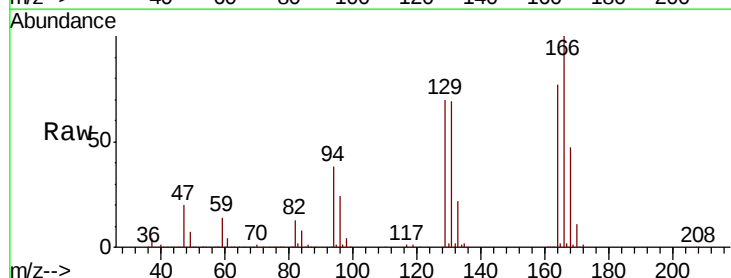
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

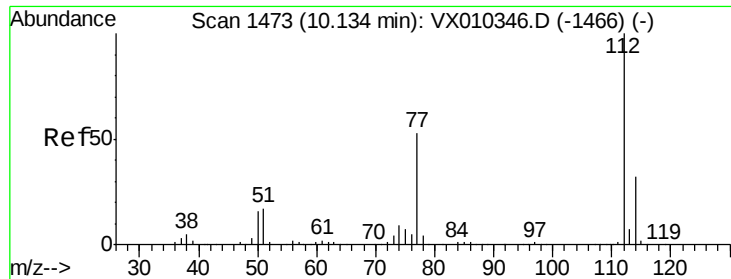
Tot Ion:117 Resp: 414214
Ion Ratio Lower Upper
117 100
82 51.5 41.2 61.8
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 51.192 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion:164 Resp: 160246
Ion Ratio Lower Upper
164 100
166 129.5 103.6 155.4
129 91.2 73.0 109.4
131 88.7 71.0 106.4

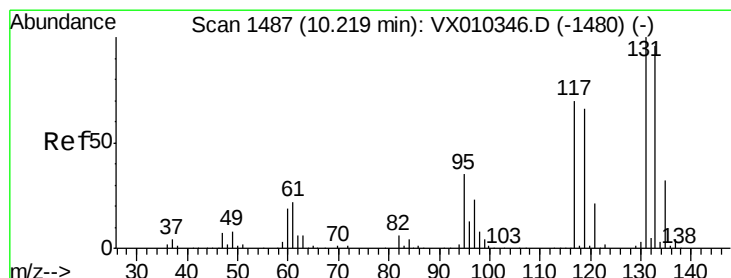
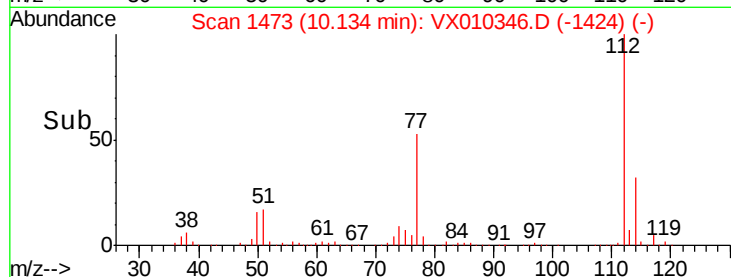
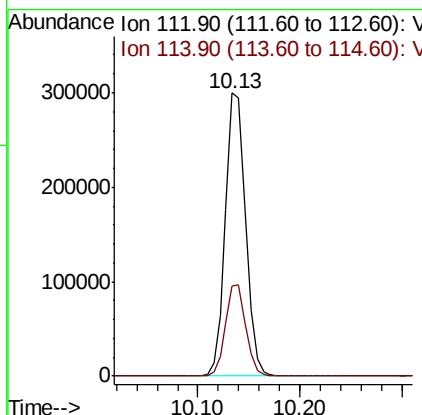
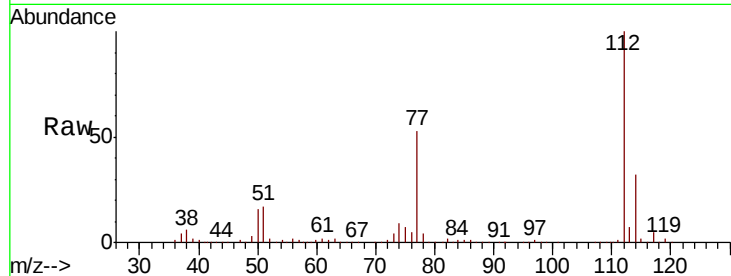




#65
Chlorobenzene
Concen: 48.251 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

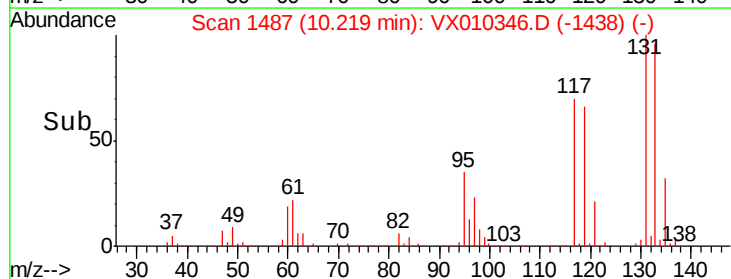
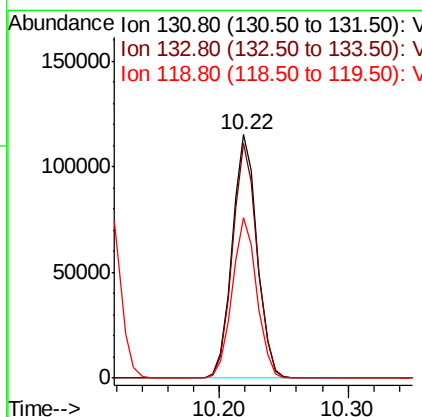
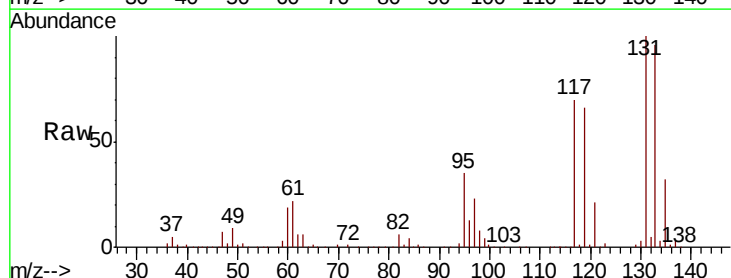
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

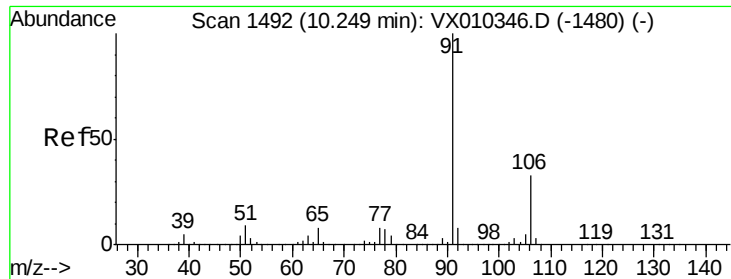
Tot Ion:112 Resp: 412469
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.452 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion:131 Resp: 155440
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 65.1 32.6 97.7

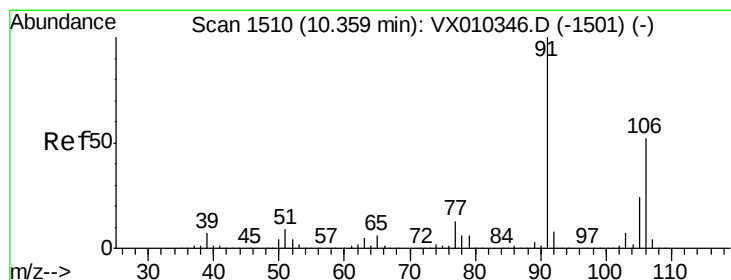
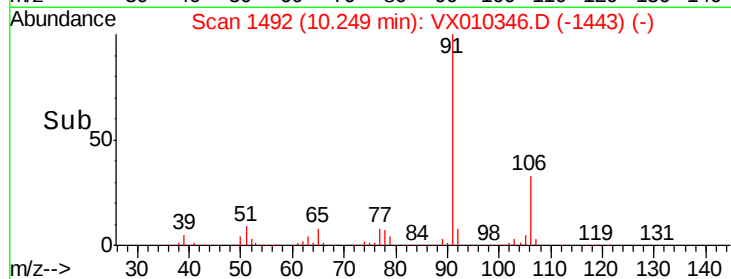
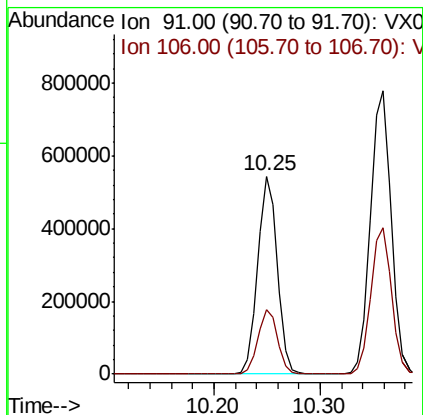
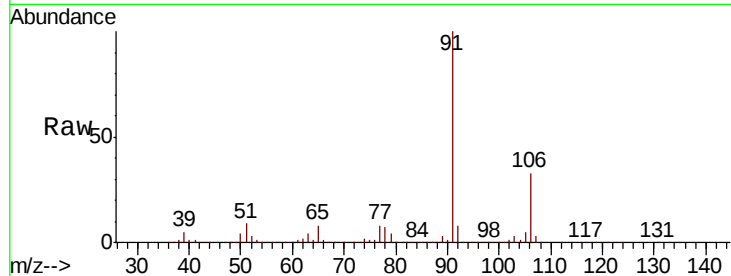




#67
Ethyl Benzene
Concen: 48.399 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

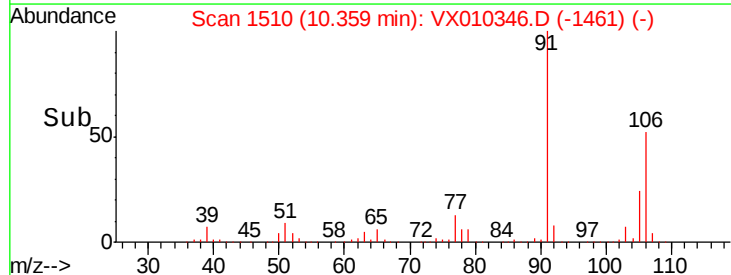
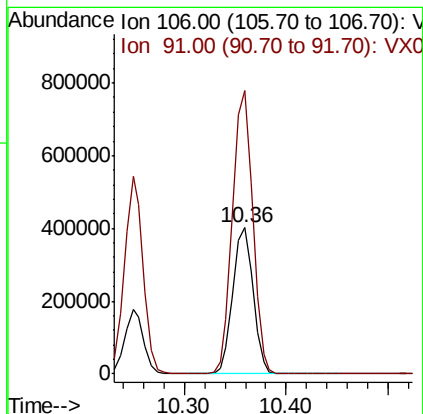
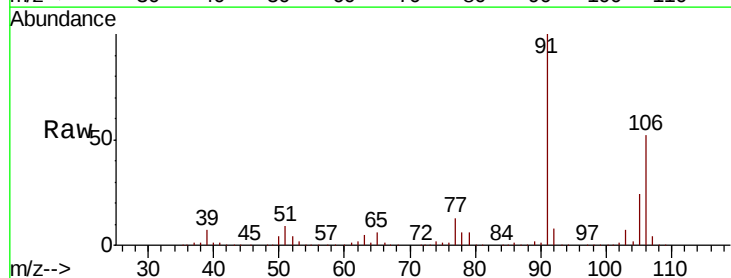
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

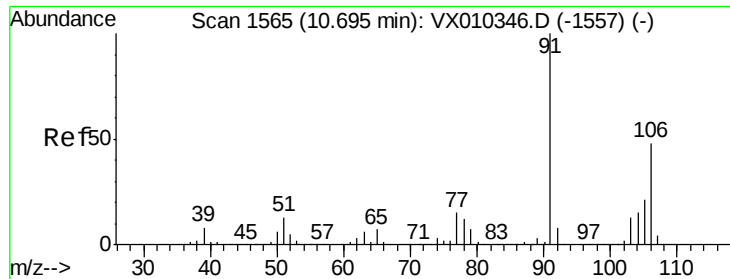
Tot Ion: 91 Resp: 704553
Ion Ratio Lower Upper
91 100
106 32.7 26.2 39.2



#68
m/p-Xylenes
Concen: 97.313 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion: 106 Resp: 548728
Ion Ratio Lower Upper
106 100
91 194.1 155.3 232.9

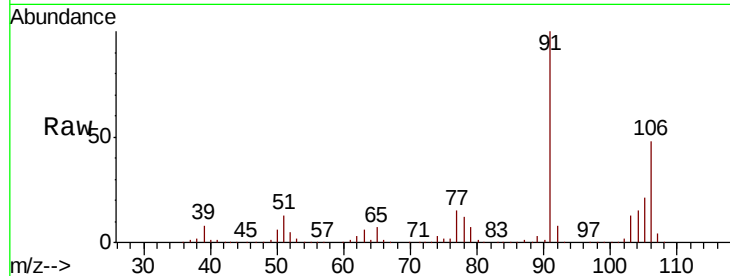




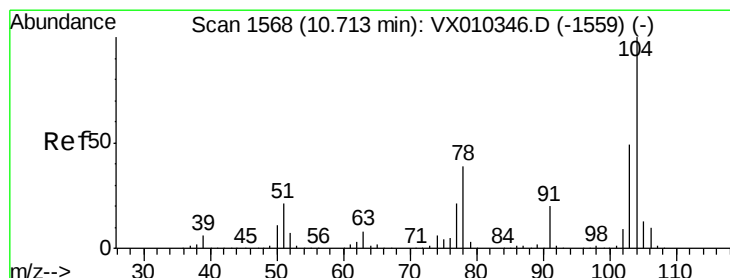
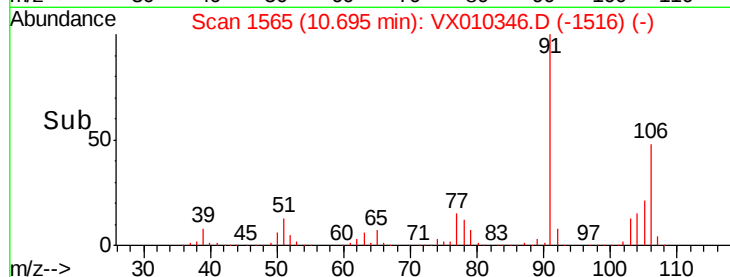
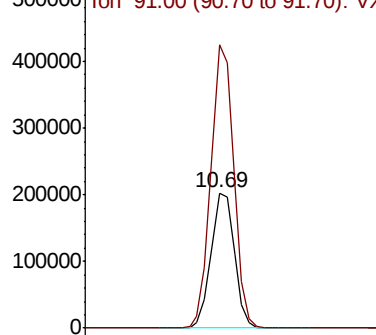
#69
o-Xylene
Concen: 47.652 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 266589
Ion Ratio Lower Upper
106 100
91 205.4 102.7 308.1

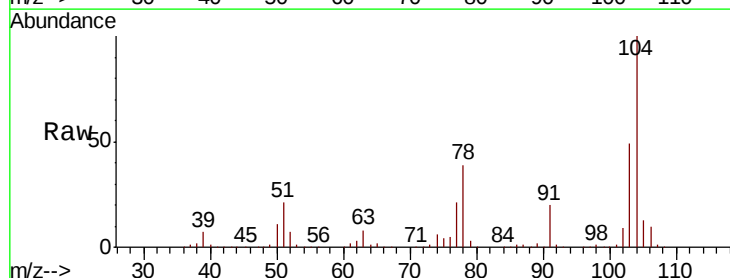


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

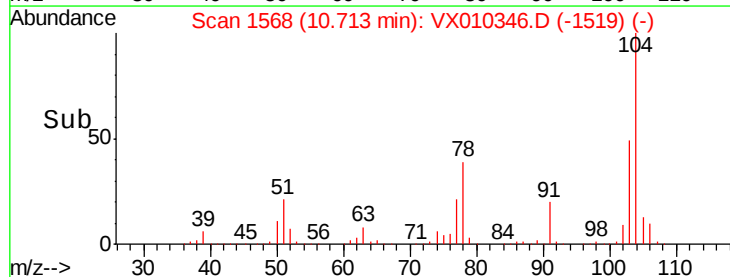
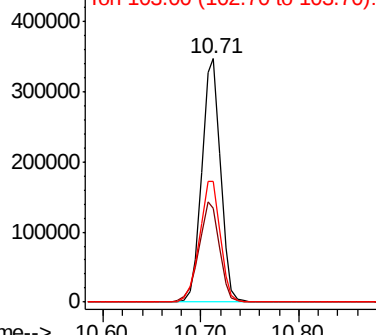


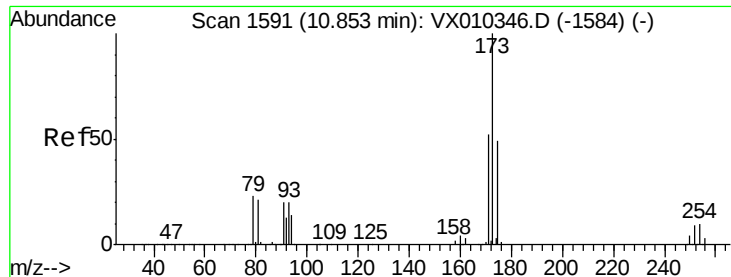
#70
Styrene
Concen: 48.532 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion:104 Resp: 459162
Ion Ratio Lower Upper
104 100
78 45.2 36.2 54.2
103 55.3 44.2 66.4



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





#71

Bromoform

Concen: 46.975 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

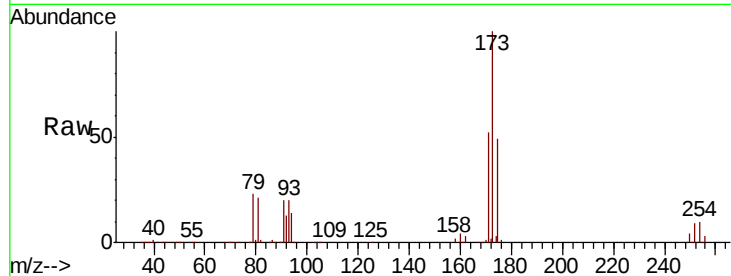
Tot Ion:173 Resp: 140942

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.3

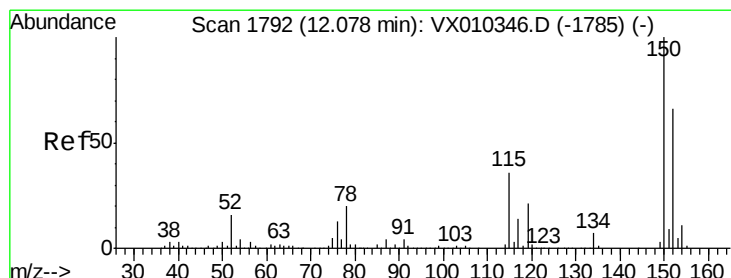
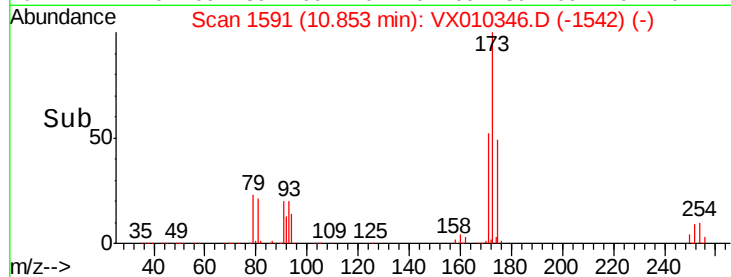
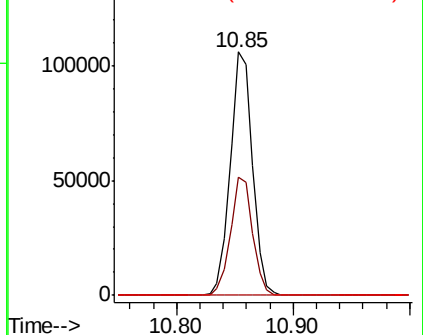
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

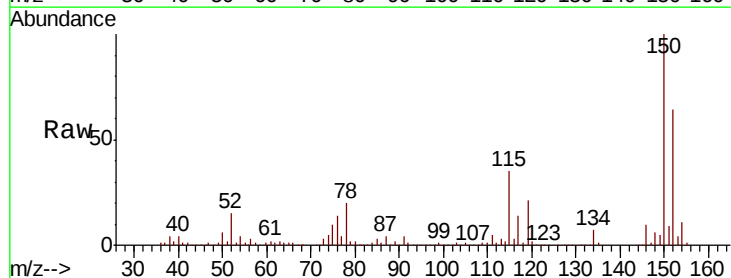
Tgt Ion:152 Resp: 212736

Ion Ratio Lower Upper

152 100

115 77.1 38.6 115.7

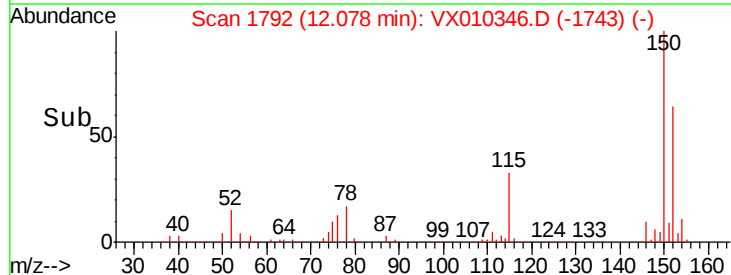
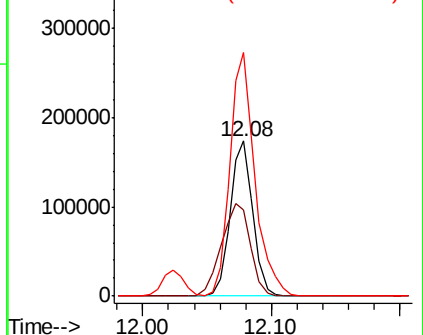
150 173.7 0.0 347.4

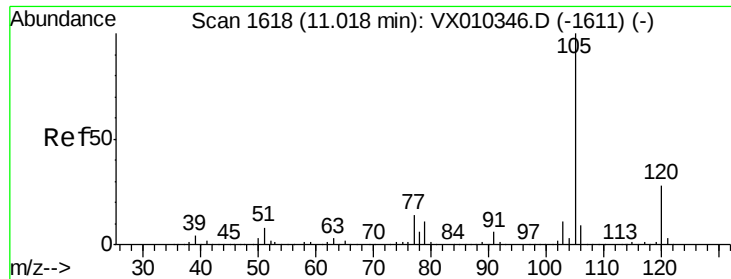


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.525 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

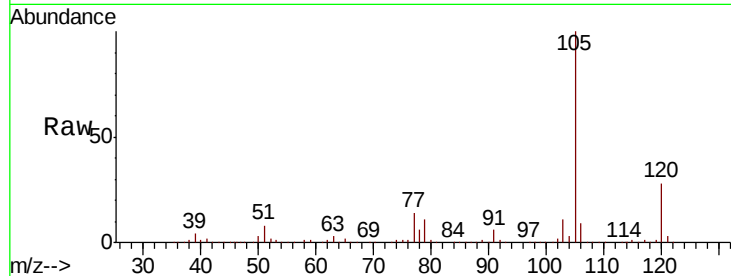
VSTDICCC050

Tot Ion:105 Resp: 703157

Ion Ratio Lower Upper

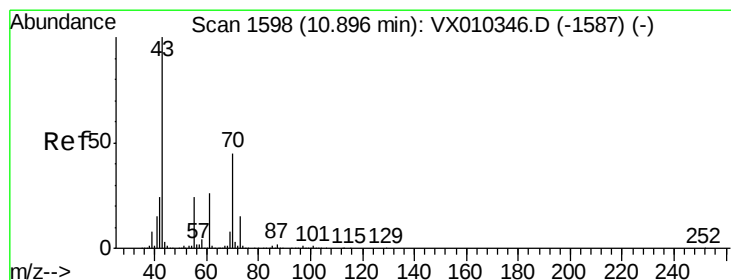
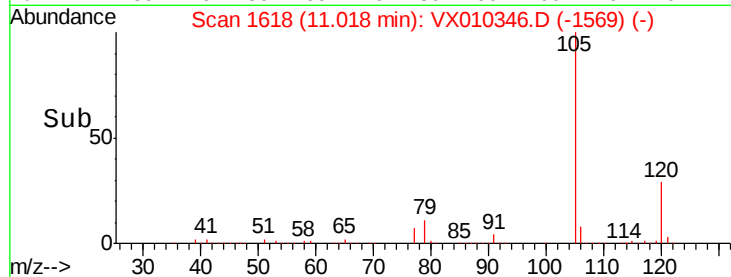
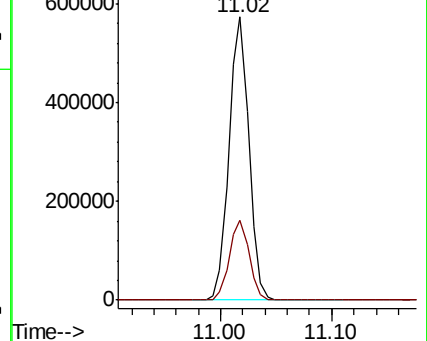
105 100

120 28.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.899 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Tgt Ion: 43 Resp: 280047

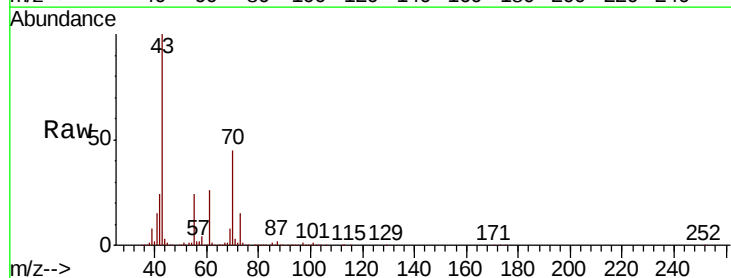
Ion Ratio Lower Upper

43 100

70 45.7 36.6 54.8

55 23.4 18.7 28.1

61 25.8 20.6 31.0

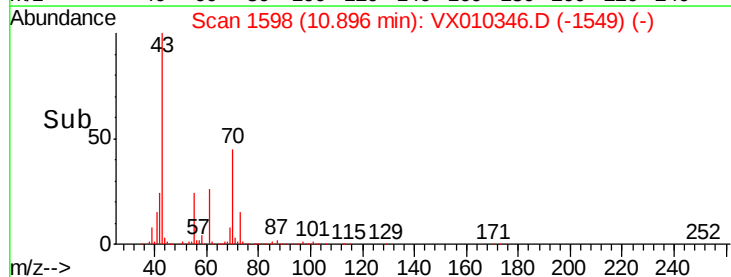
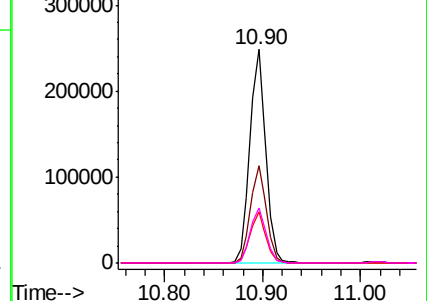


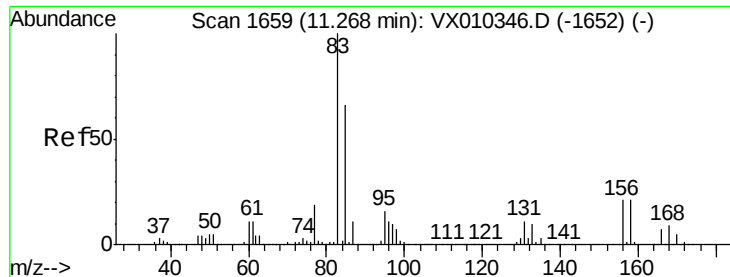
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.538 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

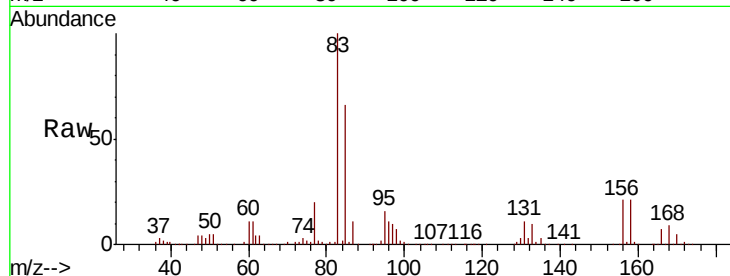
Tot Ion: 83 Resp: 235274

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

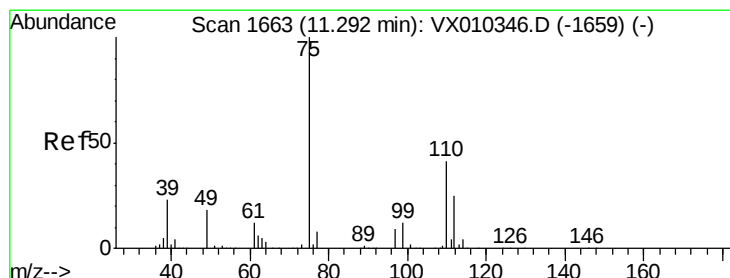
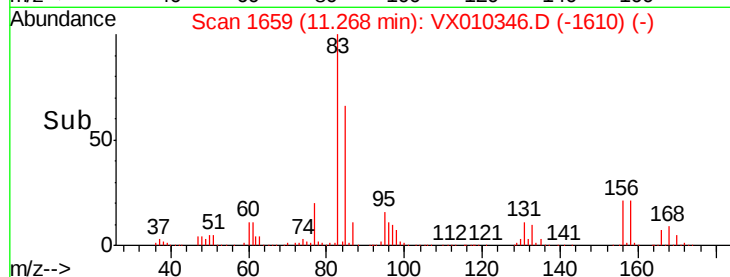
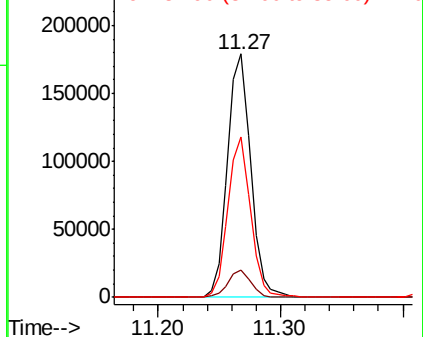
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.500 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010346.D

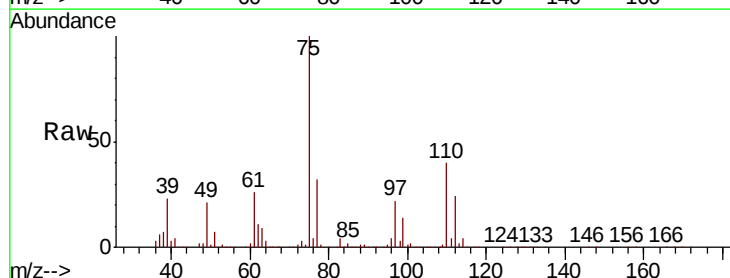
Acq: 19 Jun 2019 13:28

Tgt Ion: 75 Resp: 272006

Ion Ratio Lower Upper

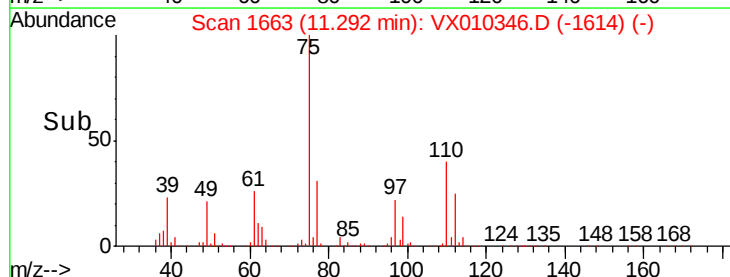
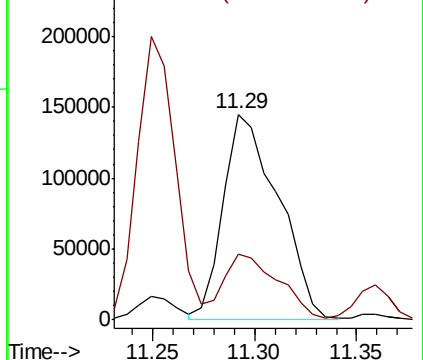
75 100

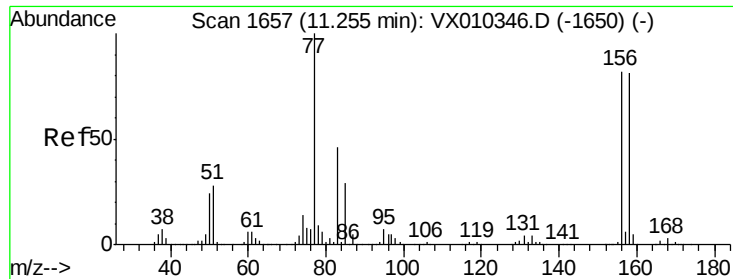
77 32.0 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.865 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

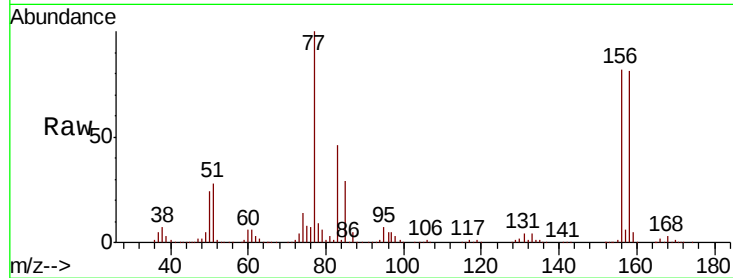
Tot Ion:156 Resp: 195207

Ion Ratio Lower Upper

156 100

77 132.5 66.3 198.7

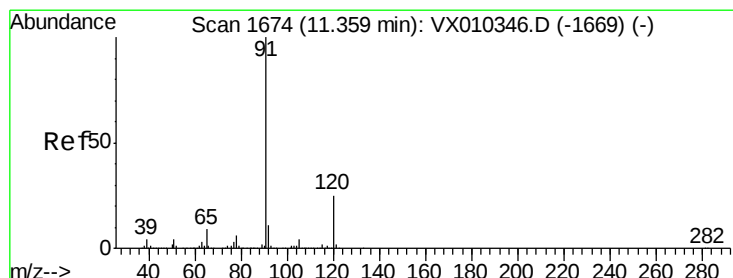
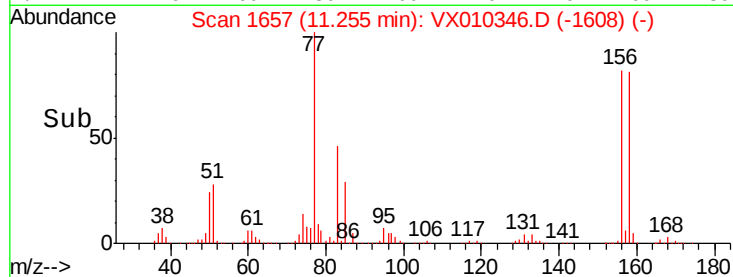
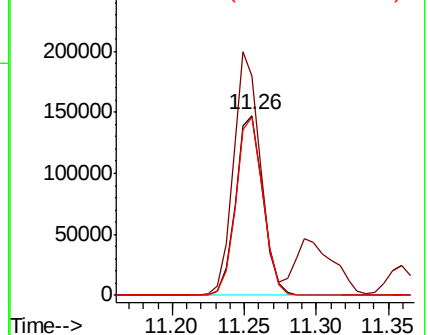
158 97.8 48.9 146.7



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: 48.050 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010346.D

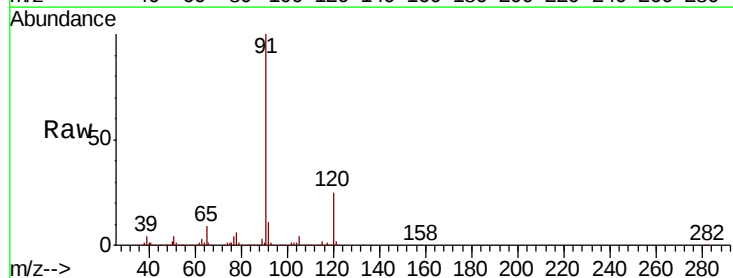
Acq: 19 Jun 2019 13:28

Tgt Ion: 91 Resp: 791746

Ion Ratio Lower Upper

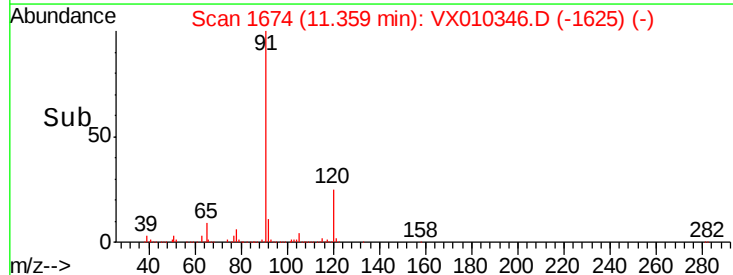
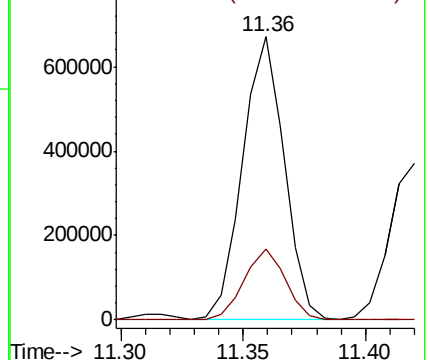
91 100

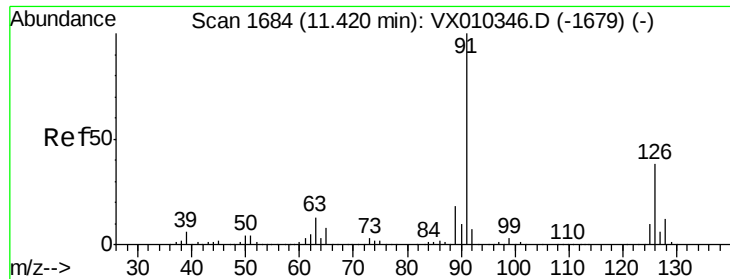
120 24.9 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

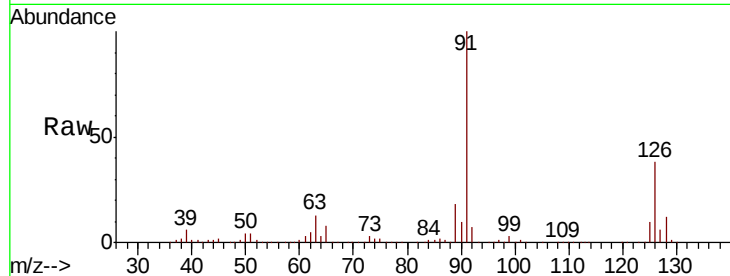




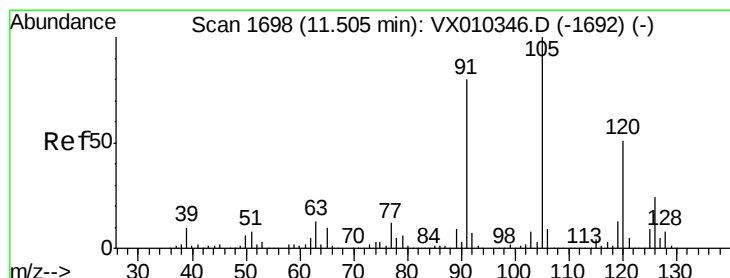
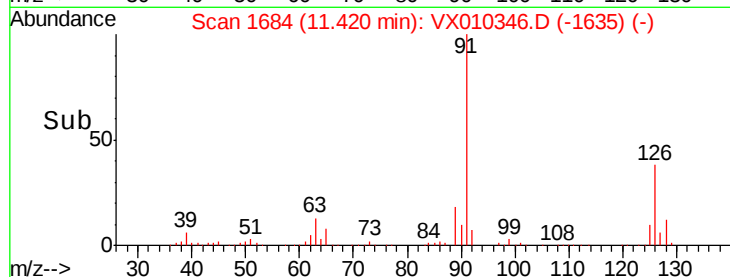
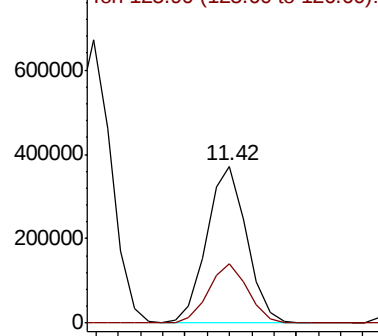
#79
2-Chlorotoluene
Concen: 46.922 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 463158
Ion Ratio Lower Upper
91 100
126 37.4 18.7 56.1

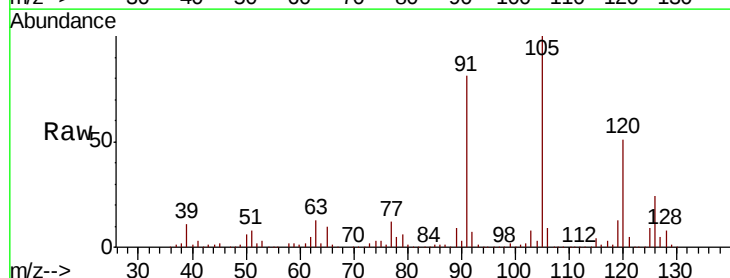


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

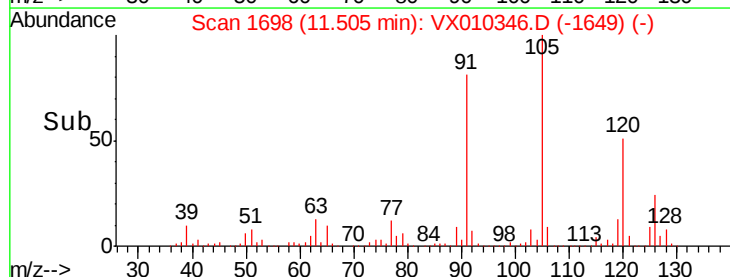
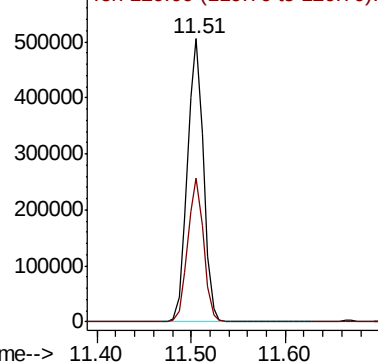


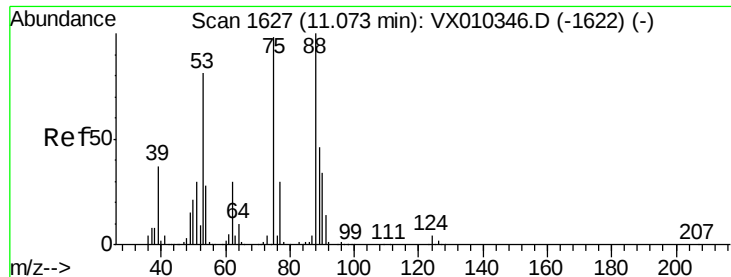
#80
1,3,5-Trimethylbenzene
Concen: 47.630 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion:105 Resp: 594556
Ion Ratio Lower Upper
105 100
120 50.4 25.2 75.6



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

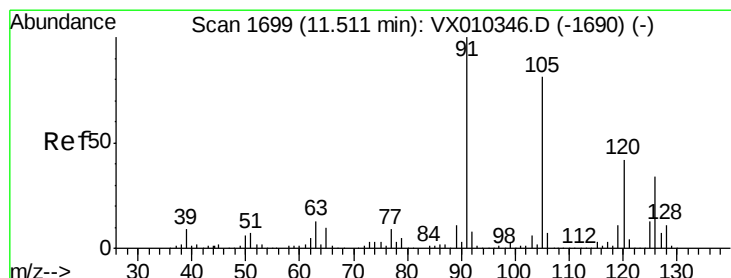
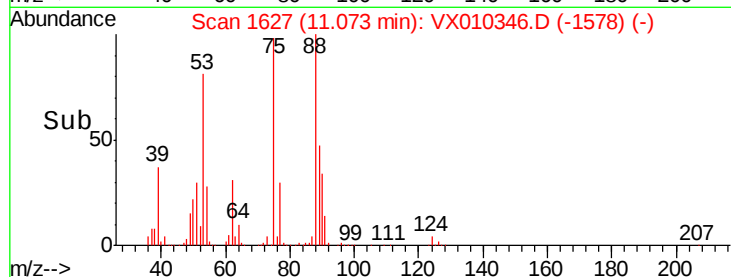
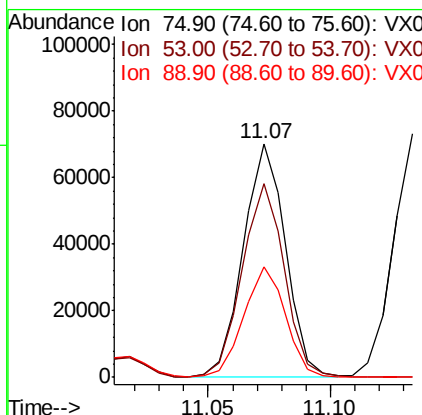
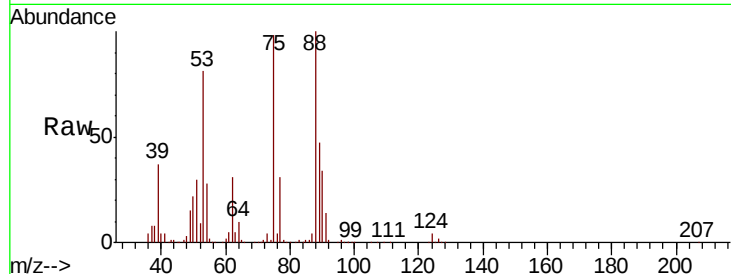




#81
trans-1,4-Dichloro-2-butene
Concen: 44.753 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

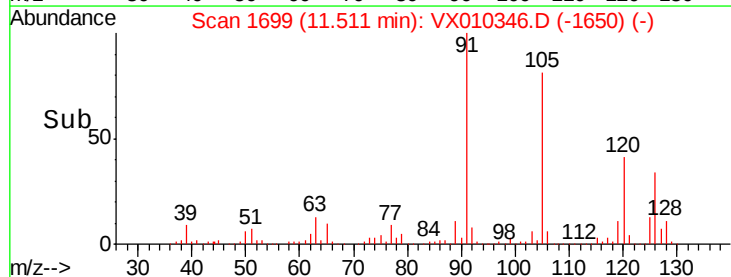
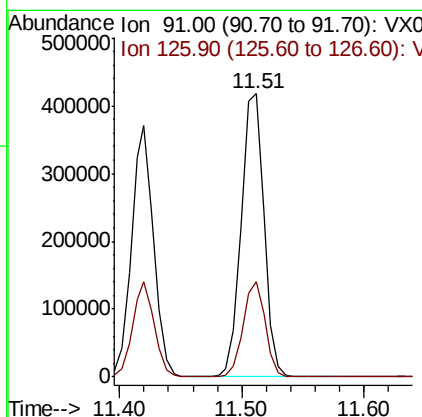
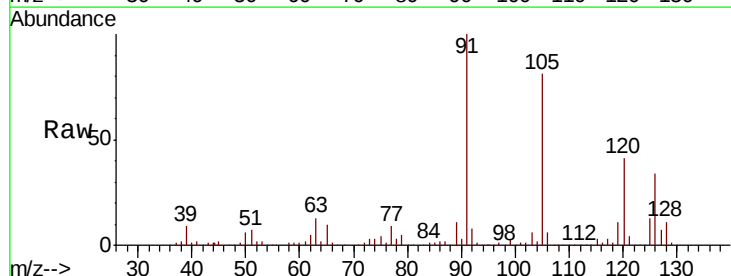
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

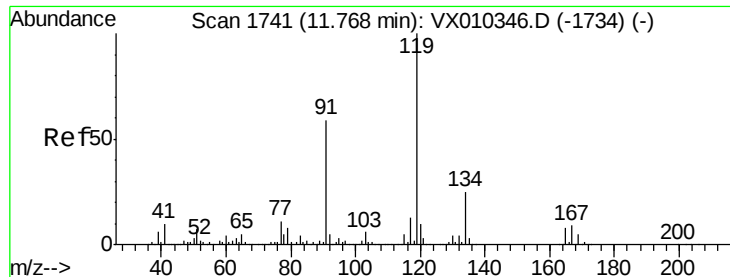
Tot Ion: 75 Resp: 84300
Ion Ratio Lower Upper
75 100
53 82.6 66.1 99.1
89 47.2 37.8 56.6



#82
4-Chlorotoluene
Concen: 47.869 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion: 91 Resp: 536918
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6

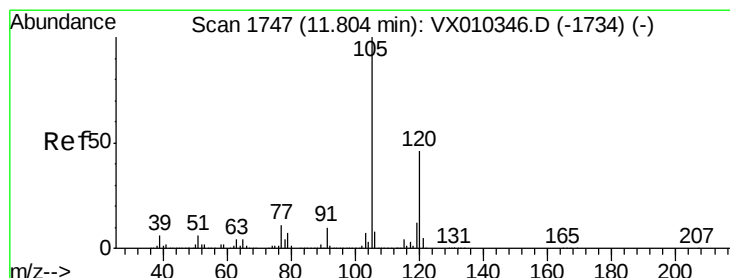
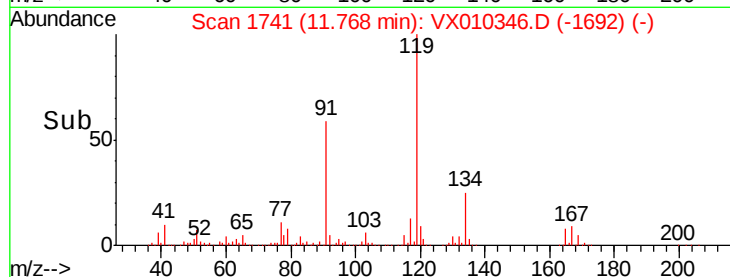
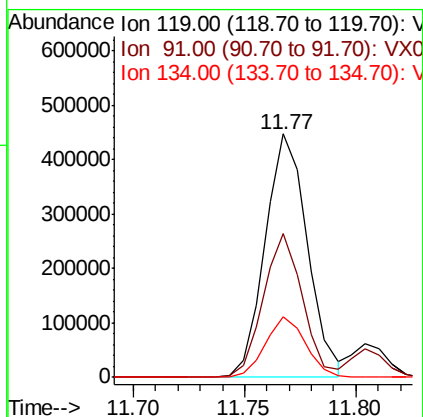
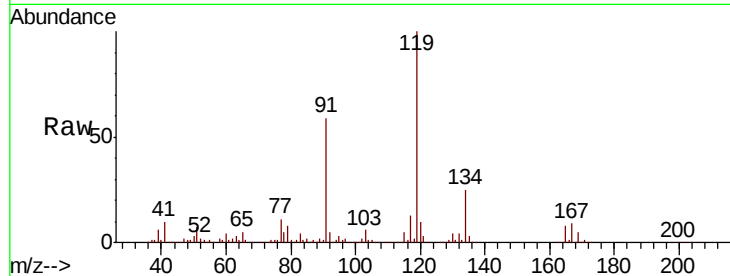




#83
tert-Butylbenzene
Concen: 46.853 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

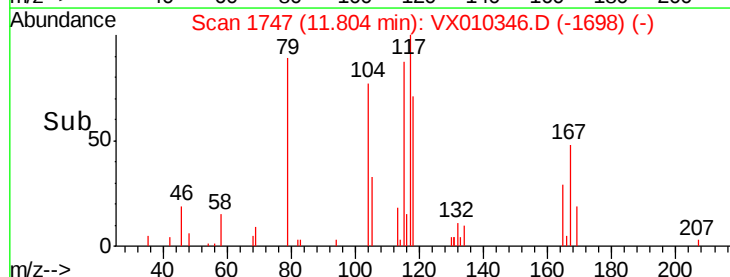
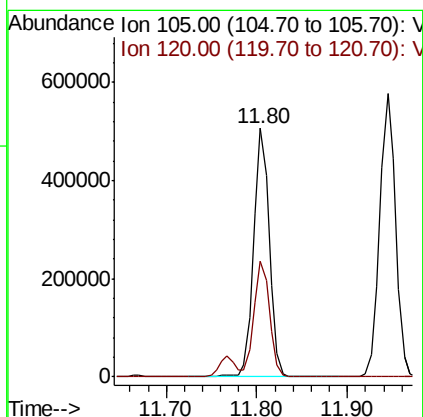
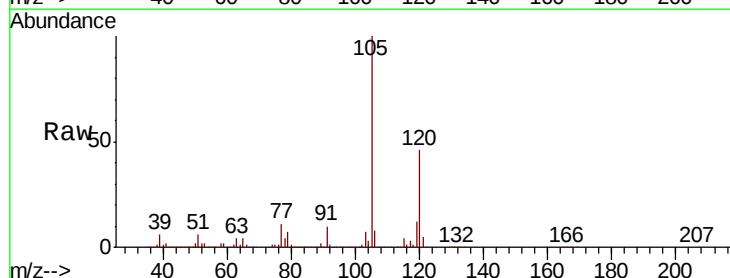
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

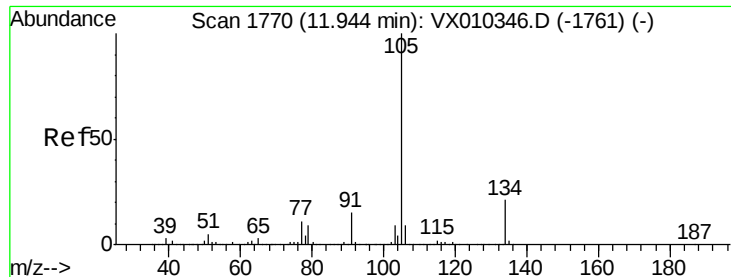
Tot Ion:119 Resp: 590218
Ion Ratio Lower Upper
119 100
91 55.1 27.6 82.7
134 23.6 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 47.858 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion:105 Resp: 603582
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 47.540 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

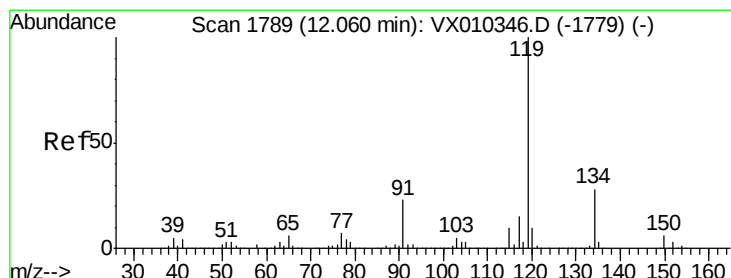
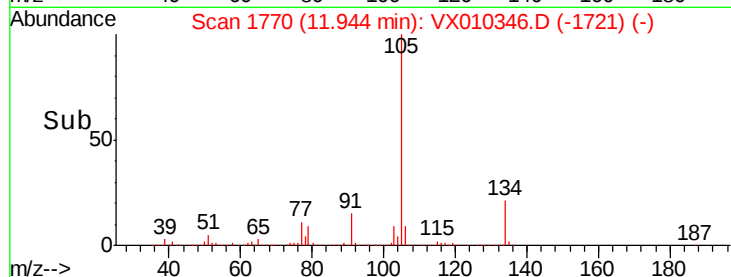
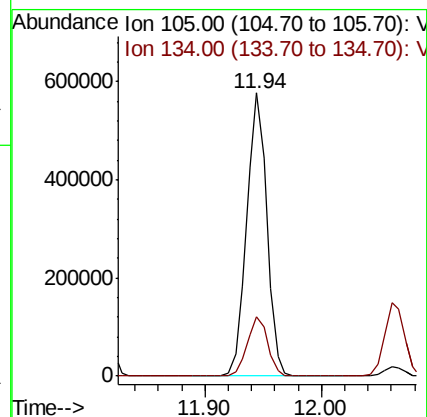
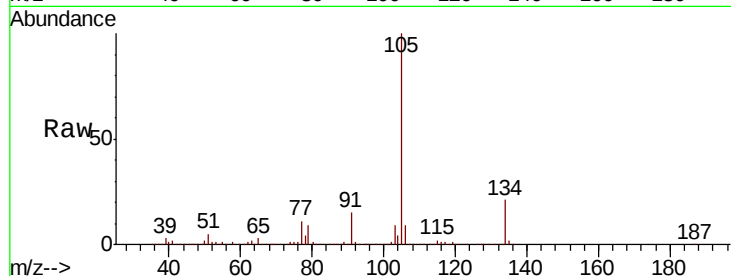
VSTDICCC050

Tot Ion:105 Resp: 699079

Ion Ratio Lower Upper

105 100

134 21.3 10.7 31.9



#86

p-Isopropyltoluene

Concen: 48.208 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

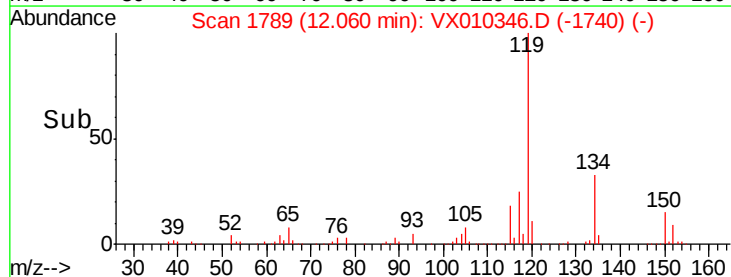
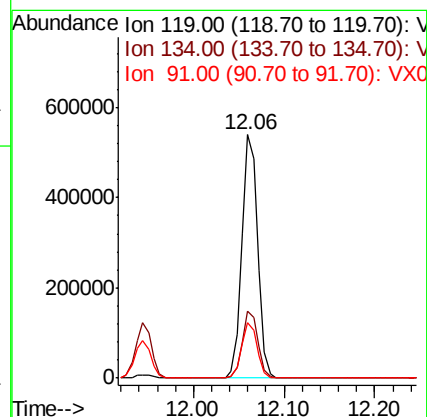
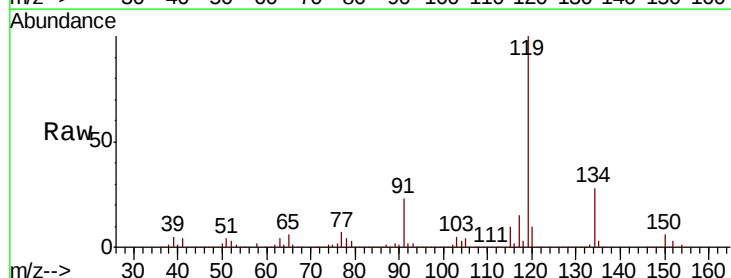
Tgt Ion:119 Resp: 648962

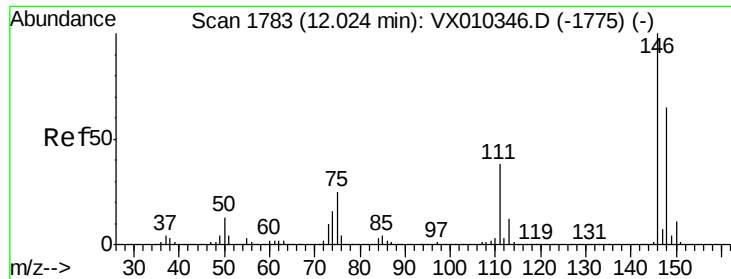
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 22.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 47.534 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

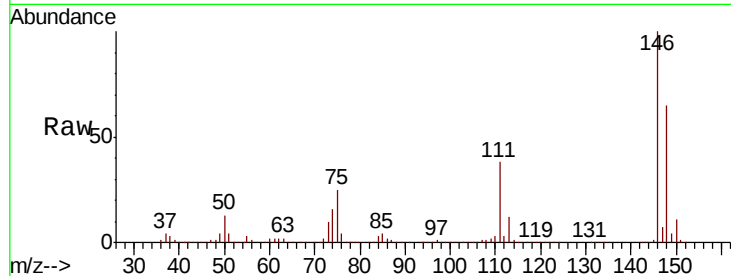
Tot Ion:146 Resp: 340807

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.1

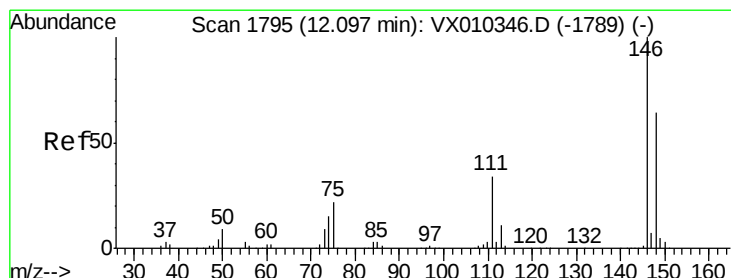
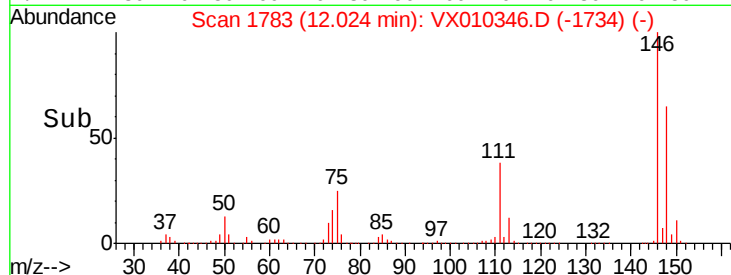
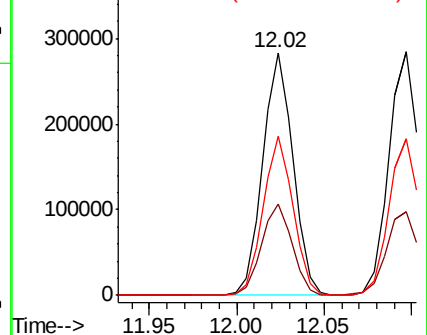
148 64.9 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.304 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

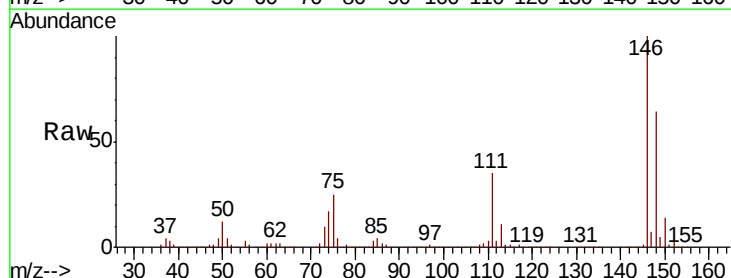
Tgt Ion:146 Resp: 343091

Ion Ratio Lower Upper

146 100

111 36.2 18.1 54.3

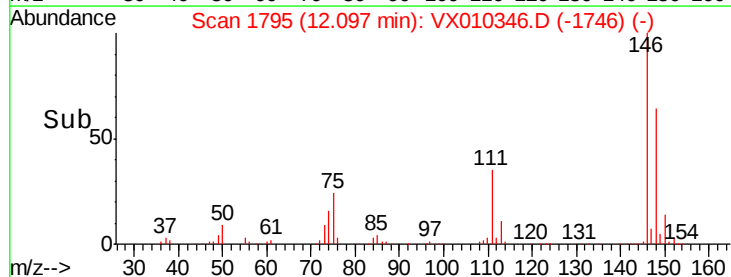
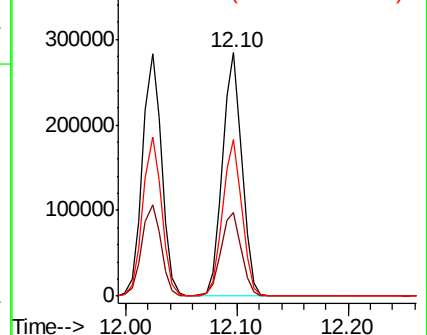
148 64.2 32.1 96.3

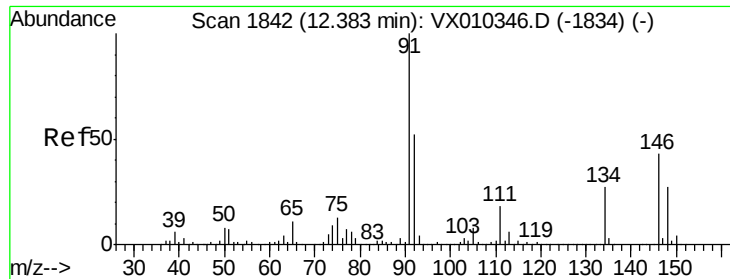


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

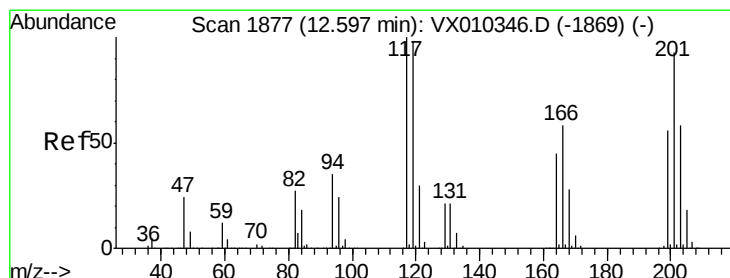
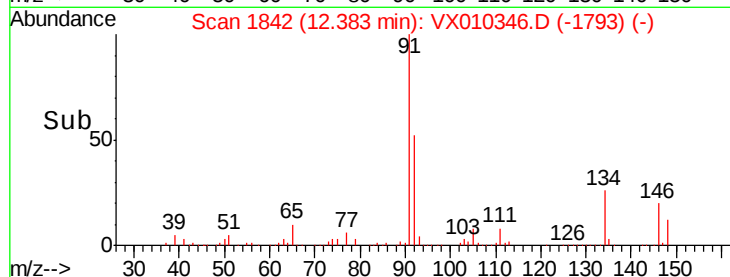
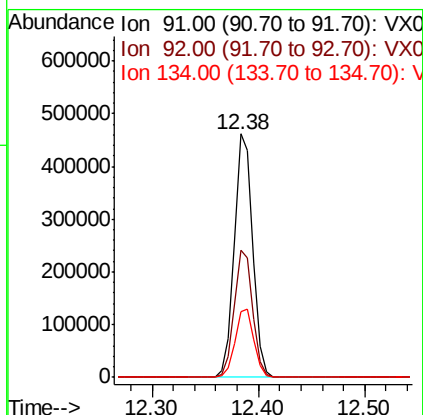
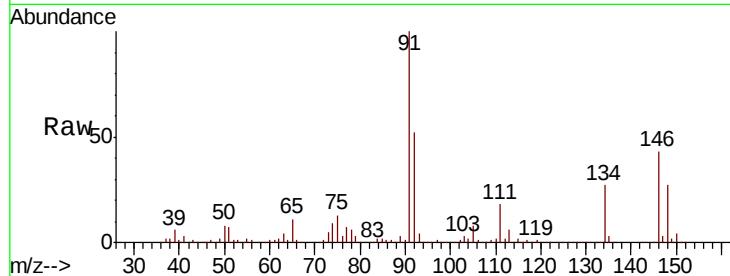




#89
n-Butylbenzene
Concen: 48.291 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

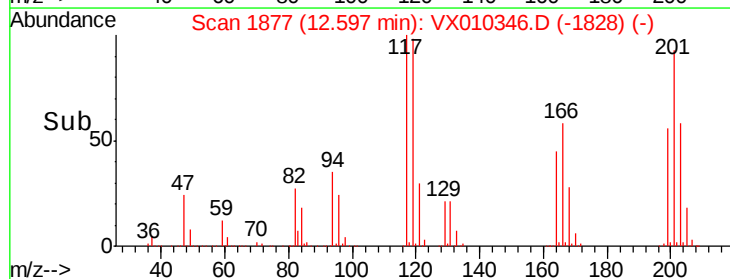
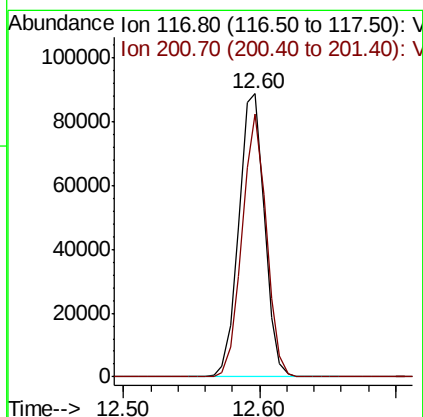
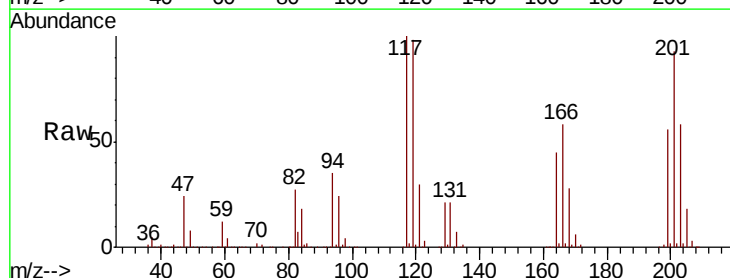
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

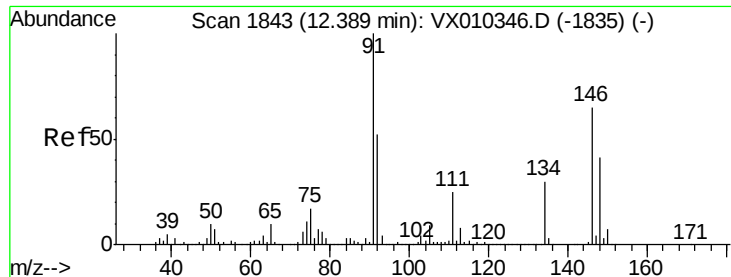
Tot Ion: 91 Resp: 559060
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 28.3 14.1 42.4



#90
Hexachloroethane
Concen: 44.121 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion: 117 Resp: 116627
Ion Ratio Lower Upper
117 100
201 87.9 44.0 131.8

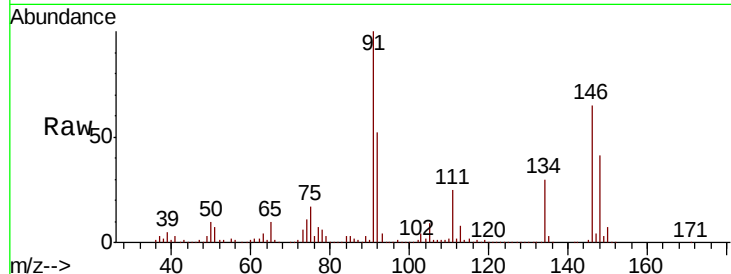




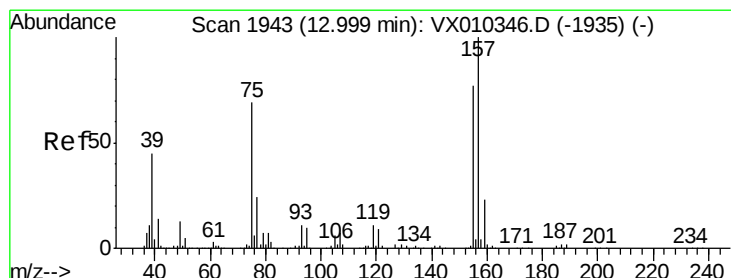
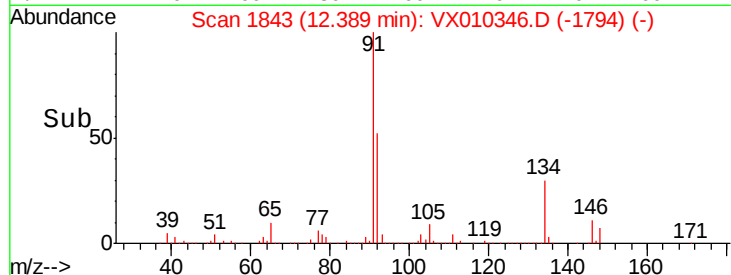
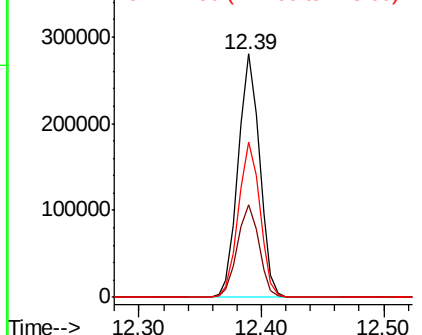
#91
 1,2-Dichlorobenzene
 Concen: 48.338 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:146 Resp: 338276
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.2 57.6
 148 64.0 32.0 96.0

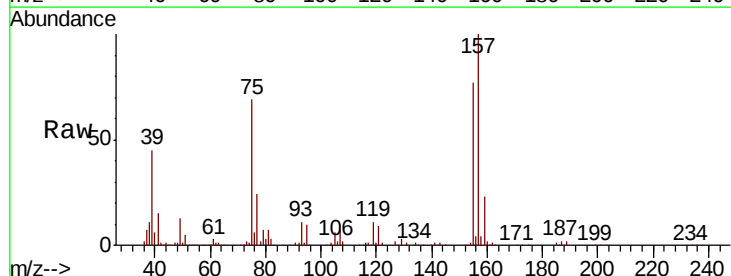


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

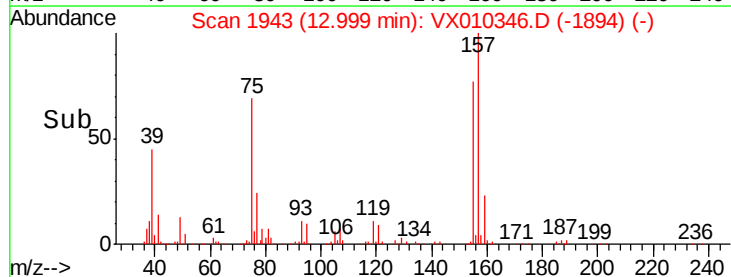
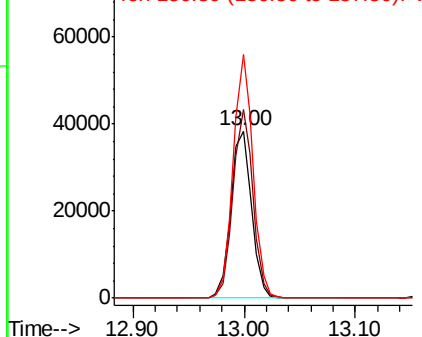


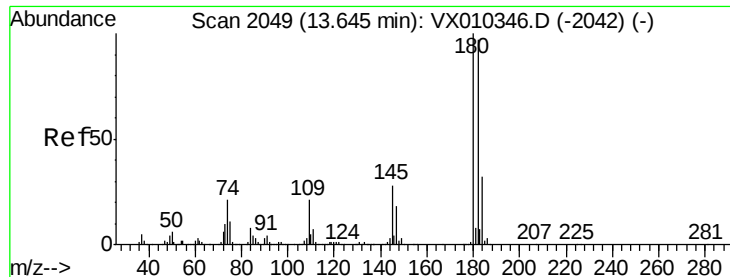
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.022 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion: 75 Resp: 49346
 Ion Ratio Lower Upper
 75 100
 155 108.7 54.4 163.1
 157 138.9 69.5 208.3



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

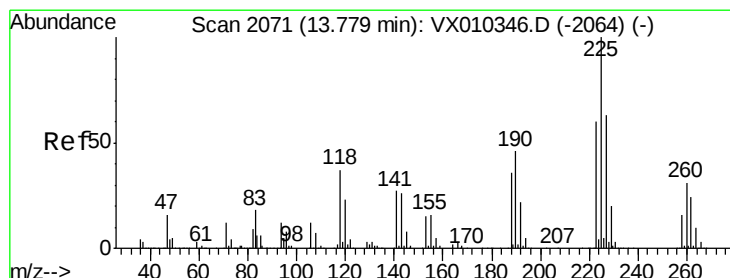
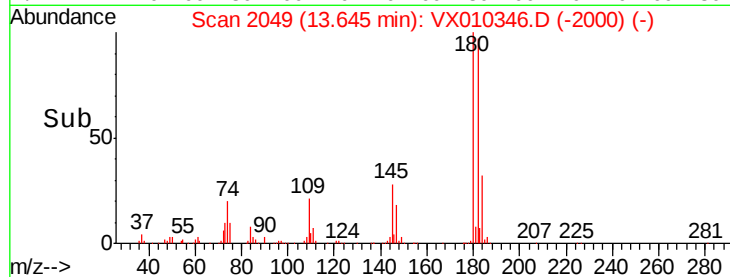
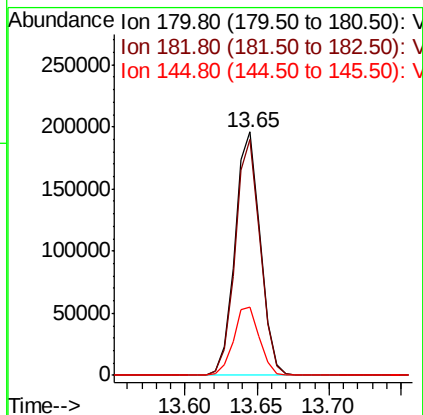
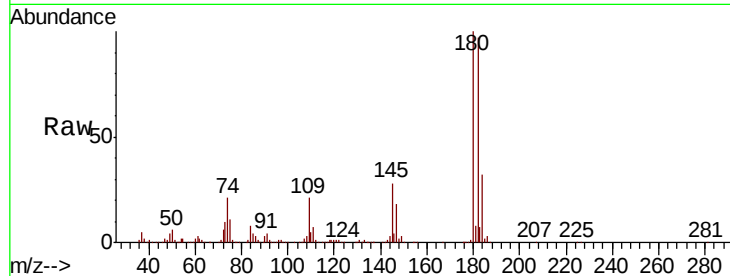




#93
 1,2,4-Trichlorobenzene
 Concen: 46.866 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

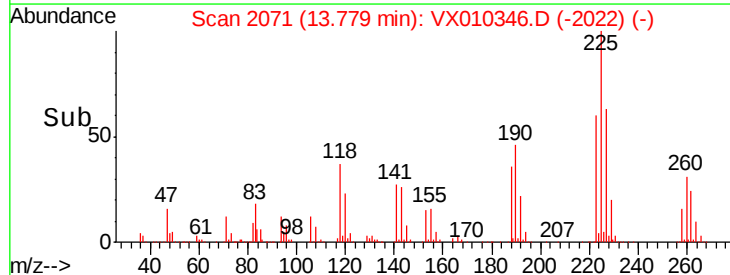
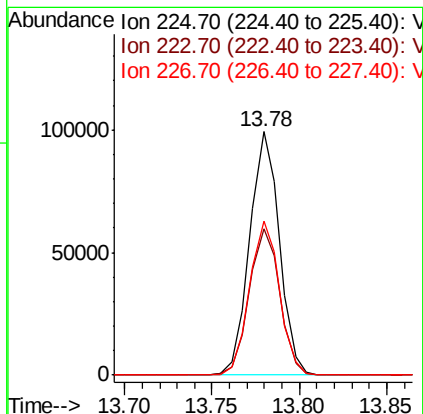
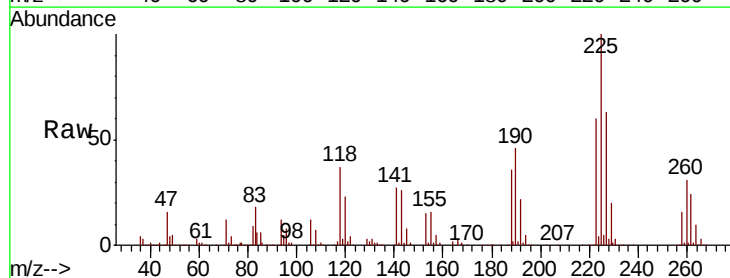
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

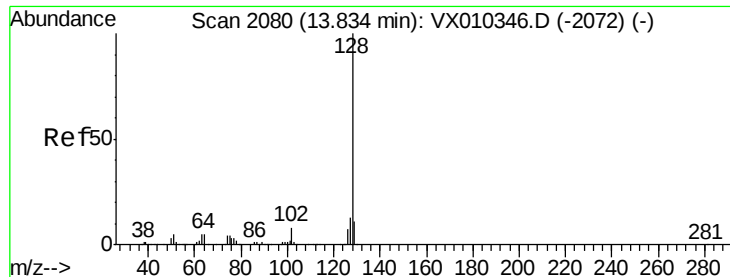
Tot Ion:180 Resp: 239826
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.0 144.0
 145 28.9 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 50.665 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion:225 Resp: 117059
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.9 92.7
 227 63.7 31.9 95.5





#95

Naphthalene

Concen: 47.001 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

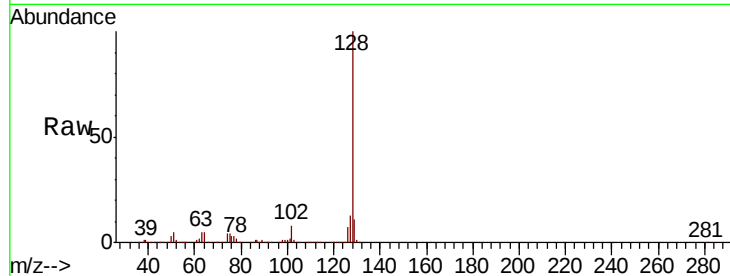
Tot Ion:128 Resp: 754055

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

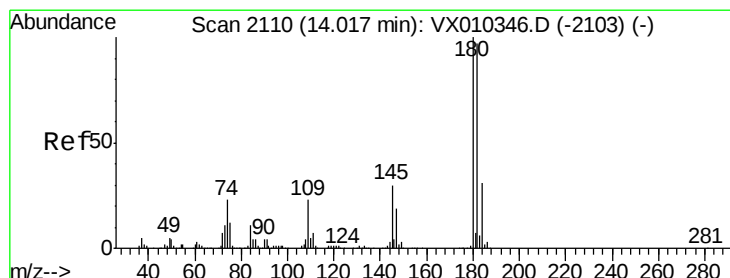
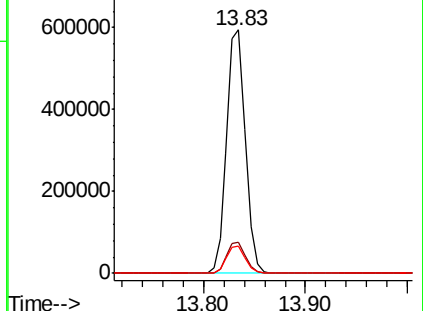
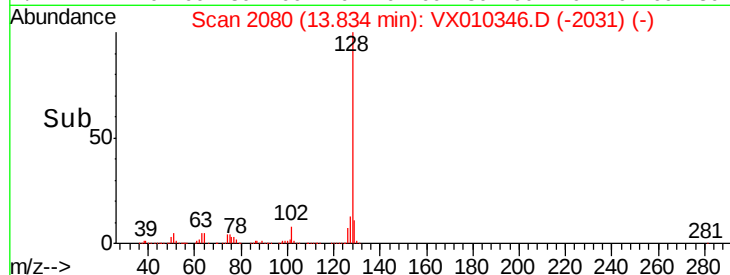
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.455 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

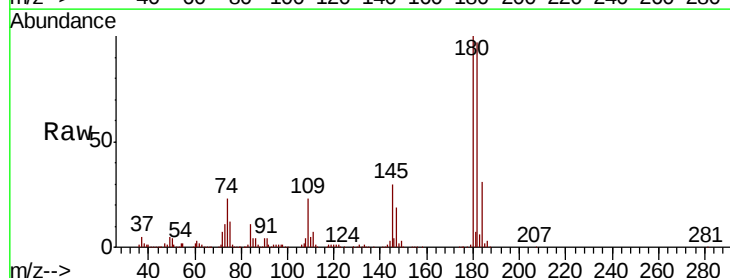
Tgt Ion:180 Resp: 240561

Ion Ratio Lower Upper

180 100

182 95.5 47.8 143.3

145 30.4 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

