

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010372.D
 Acq On : 20 Jun 2019 21:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 21 01:26:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	290532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	438688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	396952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201043	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	133045	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
35) Dibromofluoromethane	5.50	113	131148	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	8.71	98	493422	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.13	95	181019	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	97703	48.371	ug/l	99
3) Chloromethane	1.32	50	107964	45.903	ug/l	99
4) Vinyl Chloride	1.41	62	123054	47.767	ug/l	100
5) Bromomethane	1.64	94	58517	46.625	ug/l	100
6) Chloroethane	1.71	64	74107	48.758	ug/l	98
7) Trichlorofluoromethane	1.93	101	204857	50.163	ug/l	98
8) Diethyl Ether	2.19	74	73581	50.243	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	121210	48.977	ug/l	99
10) Methyl Iodide	2.51	142	130518	36.954	ug/l	99
11) Tert butyl alcohol	3.05	59	166836	234.061	ug/l	100
12) 1,1-Dichloroethene	2.37	96	125094	49.675	ug/l	98
13) Acrolein	2.29	56	85984	181.843	ug/l	99
14) Allyl chloride	2.73	41	180052	50.361	ug/l	99
15) Acrylonitrile	3.14	53	358985	254.375	ug/l	99
16) Acetone	2.45	43	315565	231.149	ug/l	99
17) Carbon Disulfide	2.57	76	324653	48.053	ug/l	100
18) Methyl Acetate	2.78	43	137274	50.451	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	401323	50.658	ug/l	99
20) Methylene Chloride	2.85	84	139320	49.589	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	133205	49.182	ug/l	98
22) Diisopropyl ether	3.85	45	378127	50.586	ug/l	98
23) Vinyl Acetate	3.82	43	1679033	260.010	ug/l	100
24) 1,1-Dichloroethane	3.70	63	217989	50.451	ug/l	99
25) 2-Butanone	4.67	43	499666	249.512	ug/l	100
26) 2,2-Dichloropropane	4.58	77	168998	45.025	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	157024	50.171	ug/l	98
28) Bromochloromethane	5.02	49	96378	46.653	ug/l	99
29) Tetrahydrofuran	5.13	42	315832	254.619	ug/l	100
30) Chloroform	5.21	83	233826	50.297	ug/l	100
31) Cyclohexane	5.58	56	198123	50.353	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	207865	50.637	ug/l	100
36) 1,1-Dichloropropene	5.80	75	169979	48.760	ug/l	99
37) Ethyl Acetate	4.84	43	184933	51.566	ug/l	99
38) Carbon Tetrachloride	5.79	117	189921	50.311	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	222943	48.653	ug/l	99
40) Benzene	6.15	78	541852	49.891	ug/l	99
41) Methacrylonitrile	5.04	41	98436	50.025	ug/l	98
42) 1,2-Dichloroethane	6.20	62	169025	51.127	ug/l	99
43) Isopropyl Acetate	6.45	43	303980	51.231	ug/l	100
44) Trichloroethene	7.21	130	161657	49.744	ug/l	98
45) 1,2-Dichloropropane	7.51	63	137071	49.978	ug/l	98
46) Dibromomethane	7.66	93	98706	50.161	ug/l	99
47) Bromodichloromethane	7.90	83	184142	51.063	ug/l	99
48) Methyl methacrylate	7.77	41	143385	51.989	ug/l	99
49) 1,4-Dioxane	7.74	88	76217	959.307	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	968081	255.105	ug/l	99
52) Toluene	8.79	92	353167	49.379	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	202999	50.209	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	222898	50.732	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	147321	49.944	ug/l	98
56) Ethyl methacrylate	9.18	69	229863	51.442	ug/l	99
57) 1,3-Dichloropropane	9.37	76	228893	49.989	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	534579	251.902	ug/l	99
59) 2-Hexanone	9.49	43	747176	250.170	ug/l	100
60) Dibromochloromethane	9.58	129	168566	51.039	ug/l	99
61) 1,2-Dibromoethane	9.67	107	161505	50.726	ug/l	100
64) Tetrachloroethene	9.34	164	157248	48.977	ug/l	97
65) Chlorobenzene	10.13	112	401901	49.871	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	152579	51.978	ug/l	99
67) Ethyl Benzene	10.25	91	687651	50.543	ug/l	100
68) m/p-Xylenes	10.36	106	533364	101.176	ug/l	99
69) o-Xylene	10.69	106	260391	50.228	ug/l	99
70) Styrene	10.71	104	447182	51.435	ug/l	100
71) Bromoform	10.85	173	136214	53.360	ug/l	99
73) Isopropylbenzene	11.02	105	691211	50.719	ug/l	99
74) N-amyl acetate	10.90	43	273961	53.192	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	230348	51.038	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	260645	71.146	ug/l	80
77) Bromobenzene	11.26	156	189690	49.848	ug/l	99
78) n-propylbenzene	11.36	91	769100	51.349	ug/l	100
79) 2-Chlorotoluene	11.42	91	447522	50.176	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	572841	50.988	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	78478	49.974	ug/l	100
82) 4-Chlorotoluene	11.51	91	516683	50.910	ug/l	99
83) tert-Butylbenzene	11.77	119	570053	50.553	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	576737	51.095	ug/l	100
85) sec-Butylbenzene	11.94	105	672320	50.780	ug/l	100
86) p-Isopropyltoluene	12.06	119	621712	50.767	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	331027	49.834	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	327307	48.401	ug/l	100
89) n-Butylbenzene	12.38	91	529043	50.838	ug/l	100
90) Hexachloroethane	12.60	117	113933	53.804	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	324202	49.108	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49230	50.591	ug/l	96

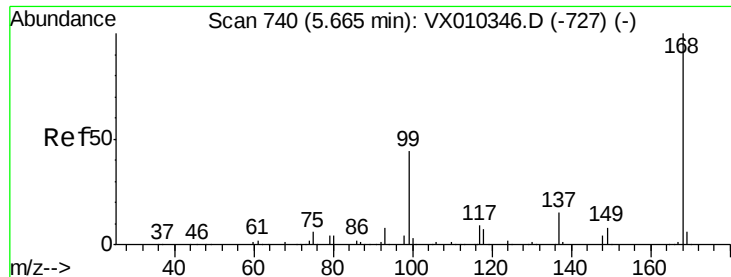
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	228090	49.820	ug/l	99
94) Hexachlorobutadiene	13.78	225	107608	48.091	ug/l	99
95) Naphthalene	13.83	128	723328	51.412	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	231870	50.938	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: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

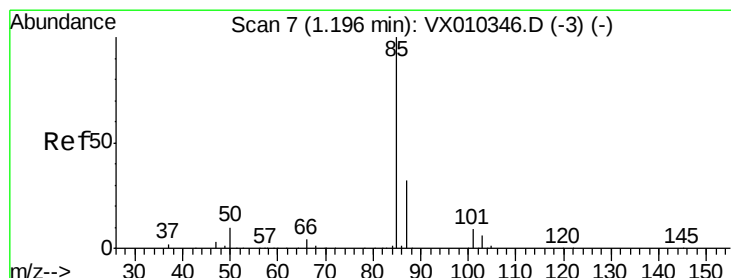
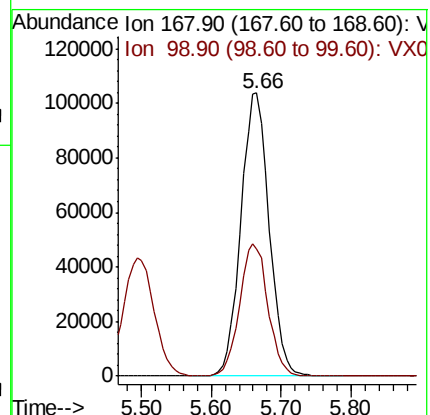
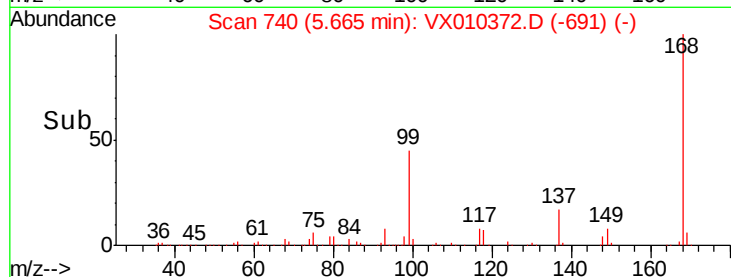
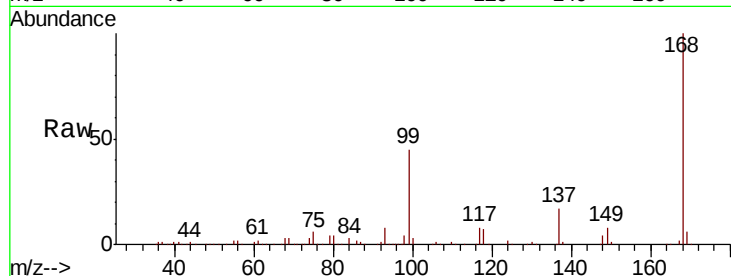
VSTDCCC050EC

Tot Ion:168 Resp: 290532

Ion Ratio Lower Upper

168 100

99 44.6 35.5 53.3



#2

Dichlorodifluoromethane

Concen: 48.371 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010372.D

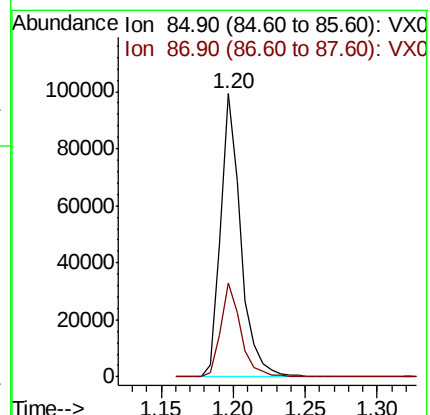
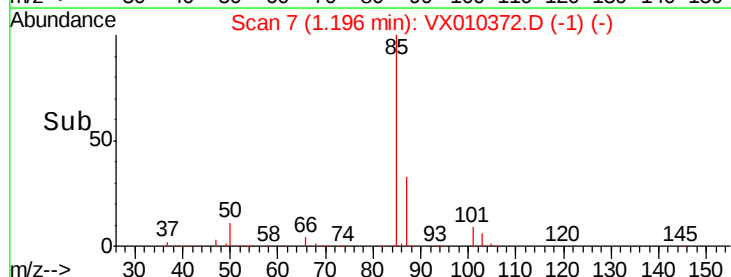
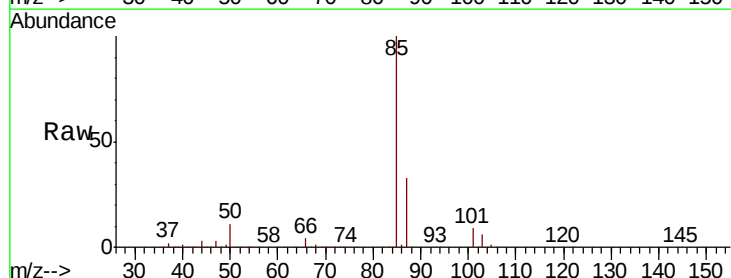
Acq: 20 Jun 2019 21:05

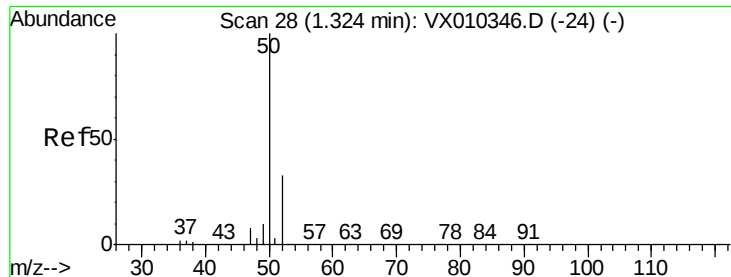
Tgt Ion: 85 Resp: 97703

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.8





#3

Chloromethane

Concen: 45.903 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

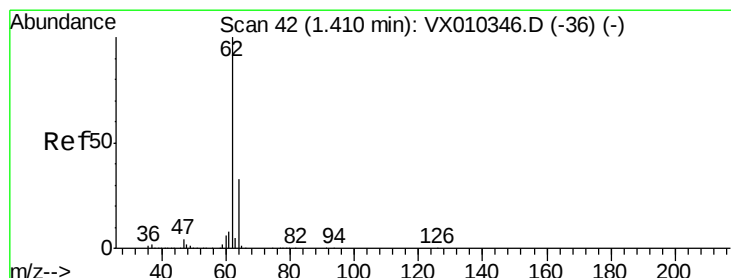
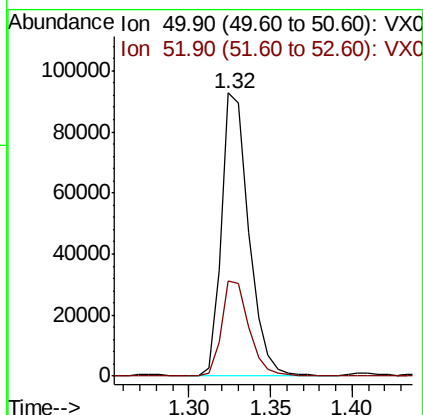
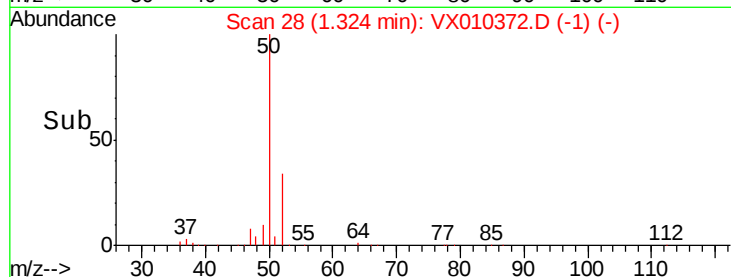
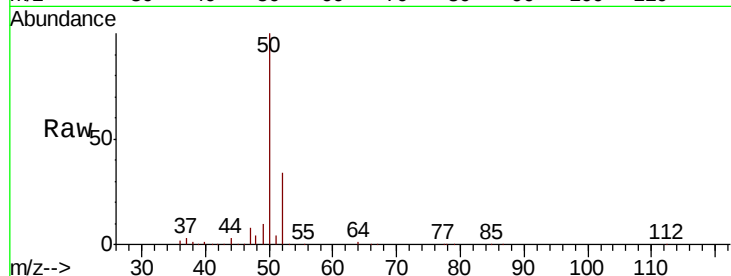
VSTDCCC050EC

Tot Ion: 50 Resp: 107964

Ion Ratio Lower Upper

50 100

52 33.5 26.5 39.7



#4

Vinyl Chloride

Concen: 47.767 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010372.D

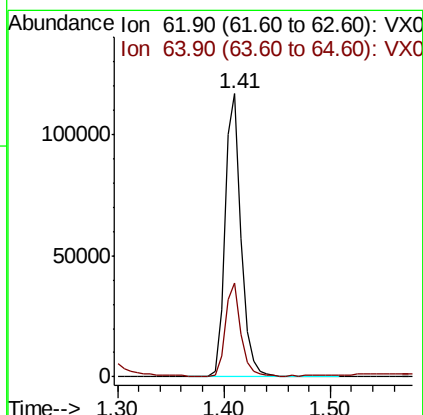
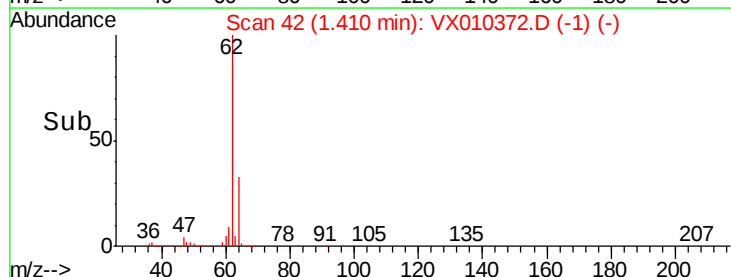
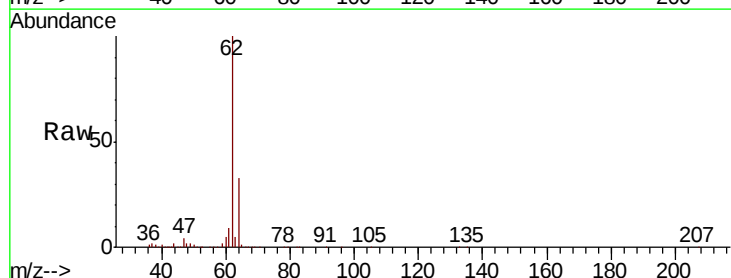
Acq: 20 Jun 2019 21:05

Tgt Ion: 62 Resp: 123054

Ion Ratio Lower Upper

62 100

64 32.9 26.2 39.4





#5

Bromomethane

Concen: 46.625 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

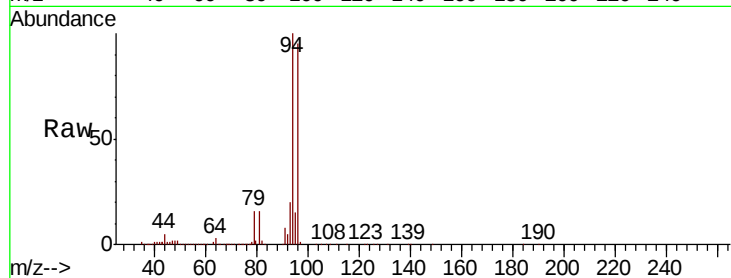
VSTDCCC050EC

Tot Ion: 94 Resp: 58517

Ion Ratio Lower Upper

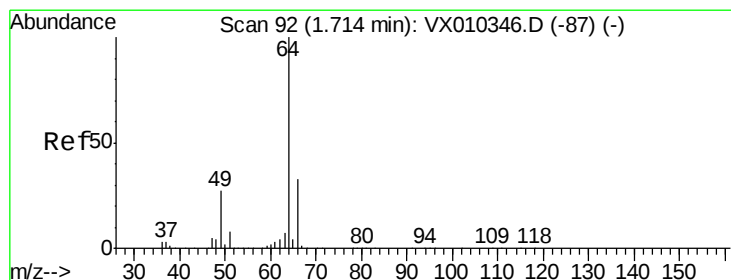
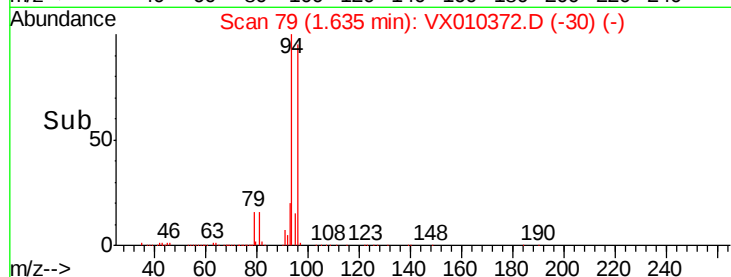
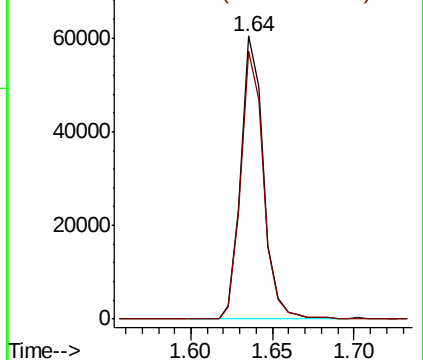
94 100

96 94.9 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: 48.758 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010372.D

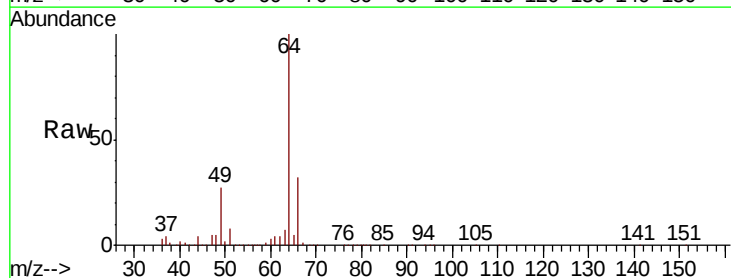
Acq: 20 Jun 2019 21:05

Tgt Ion: 64 Resp: 74107

Ion Ratio Lower Upper

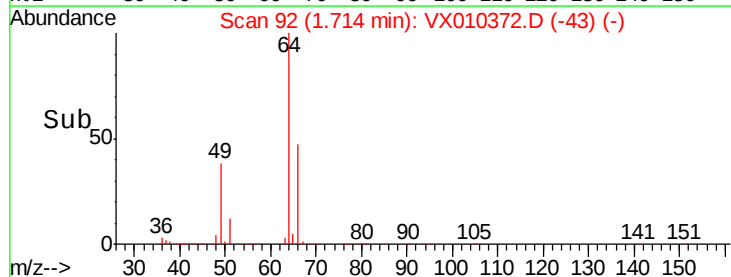
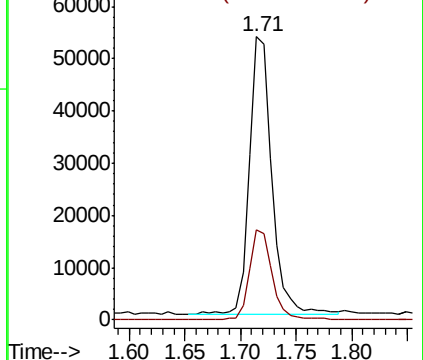
64 100

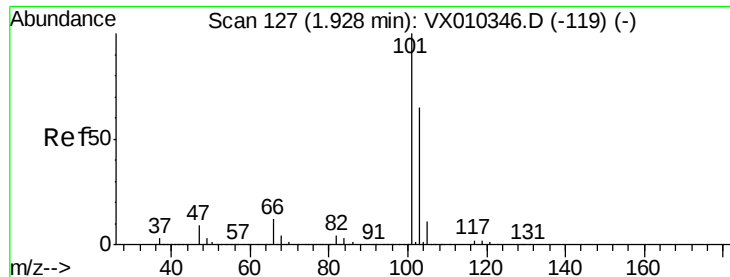
66 32.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



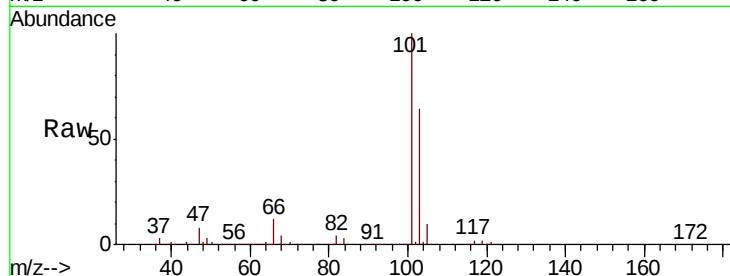


#7

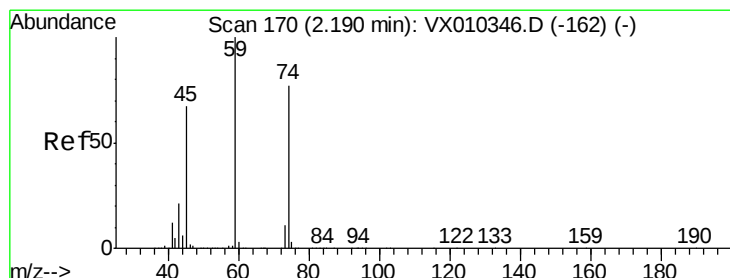
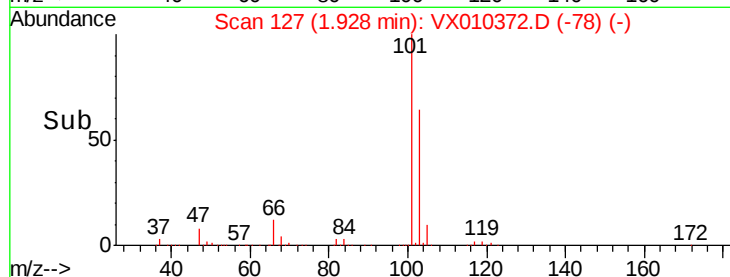
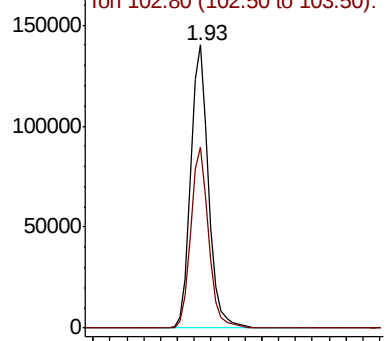
Trichlorofluoromethane
Concen: 50.163 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

Instrument :
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Tot Ion:101 Resp: 204857
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5



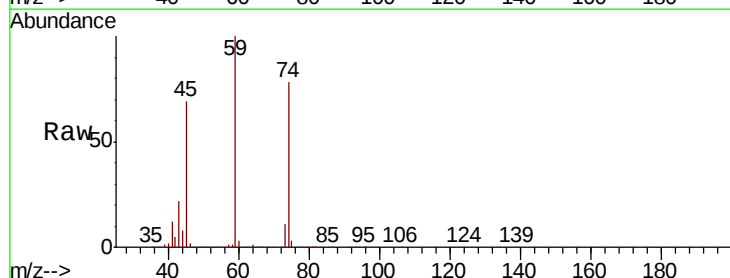
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



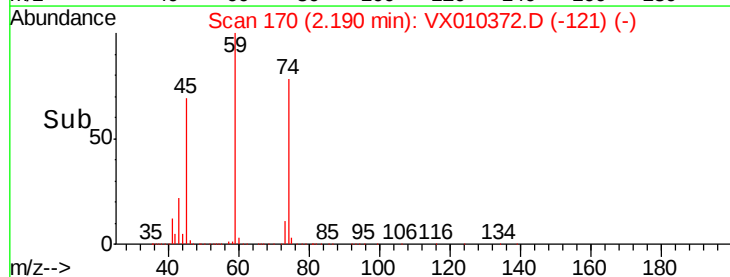
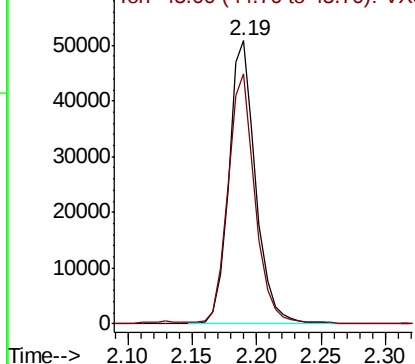
#8

Diethyl Ether
Concen: 50.243 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

Tgt Ion: 74 Resp: 73581
Ion Ratio Lower Upper
74 100
45 90.6 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: 48.977 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

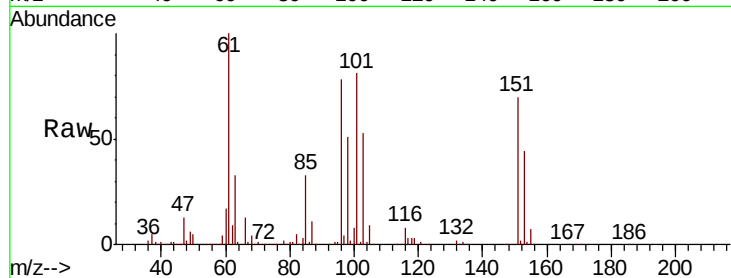
Tot Ion:101 Resp: 121210

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

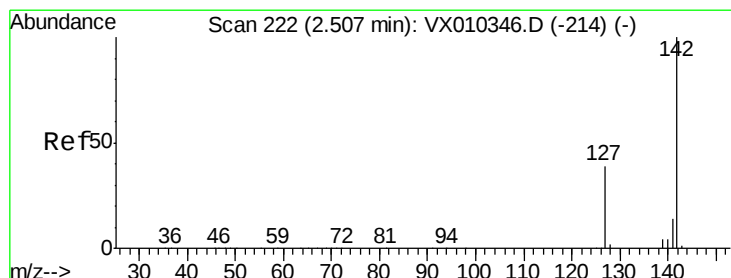
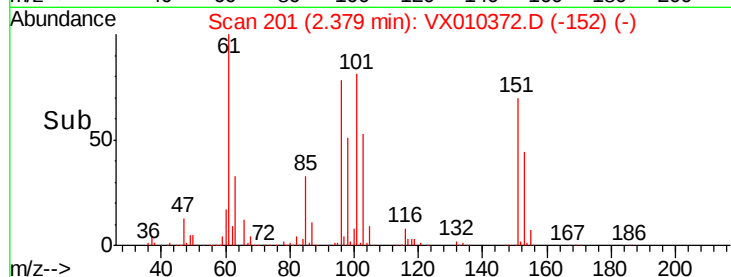
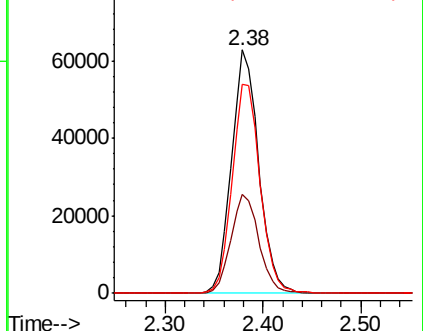
151 88.4 70.1 105.1



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: 36.954 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010372.D

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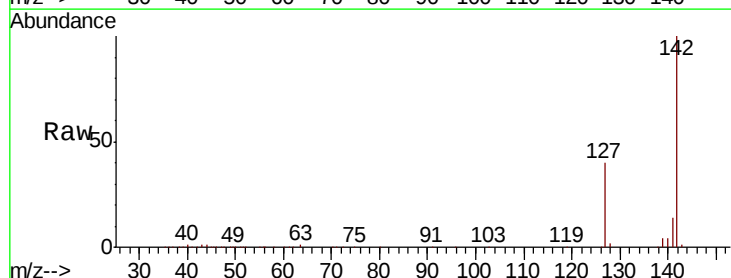
Tgt Ion:142 Resp: 130518

Ion Ratio Lower Upper

142 100

127 39.6 31.1 46.7

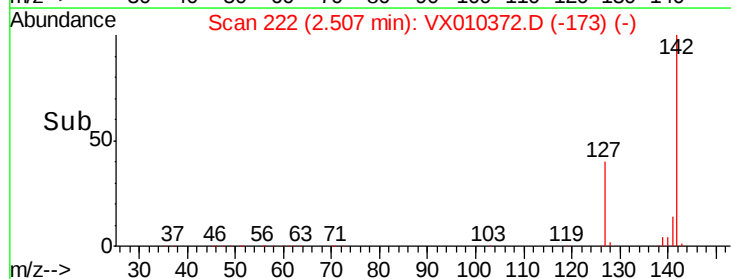
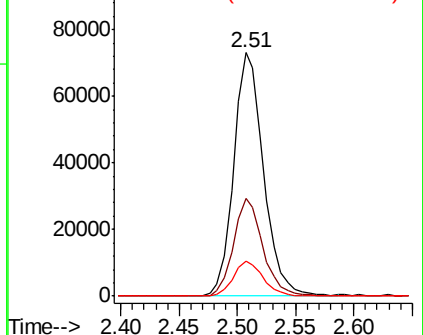
141 14.4 11.2 16.8

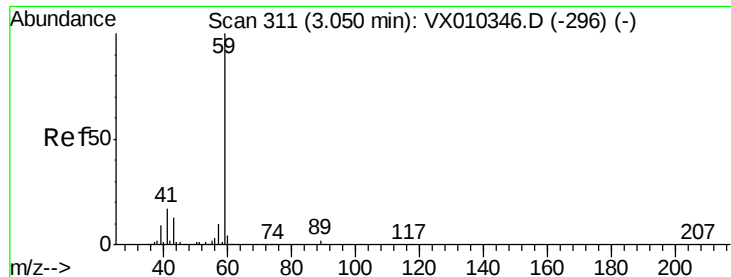


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

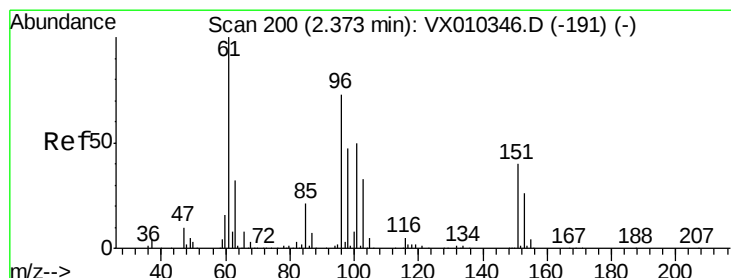
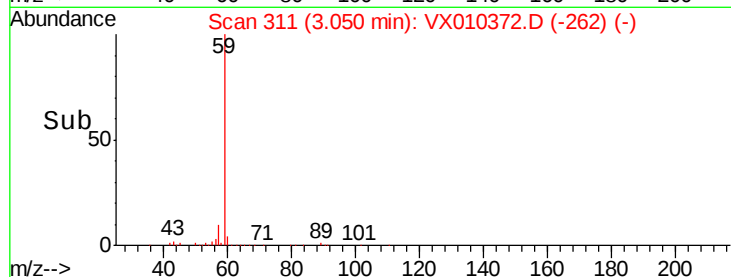
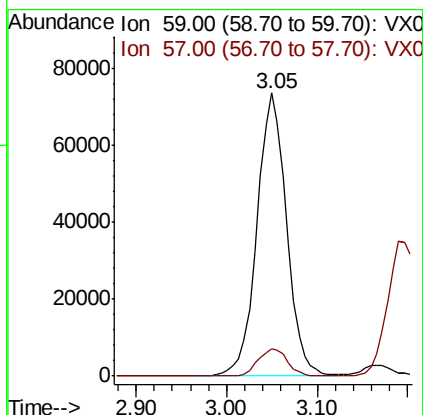
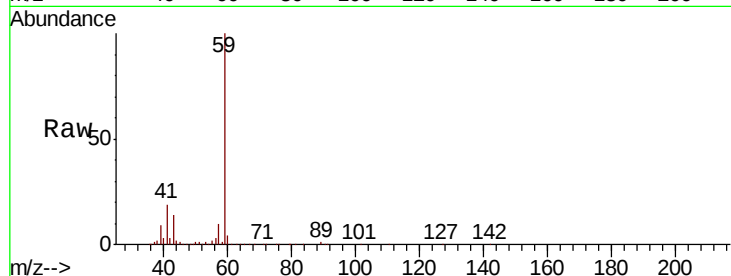




#11
Tert butyl alcohol
Concen: 234.061 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

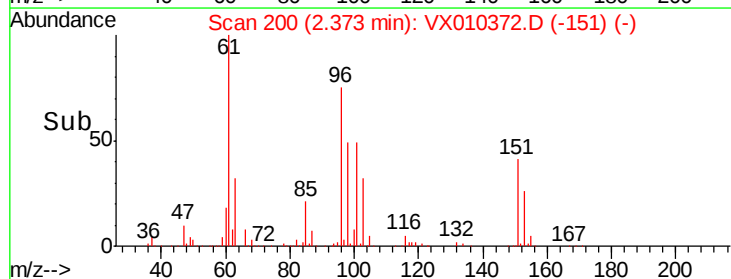
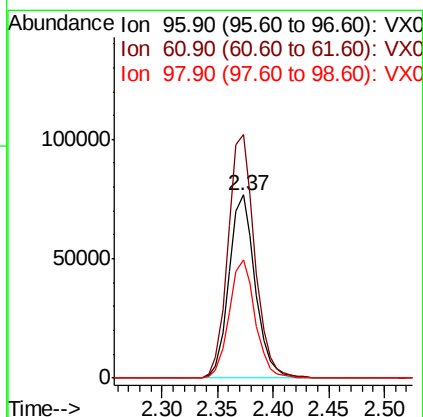
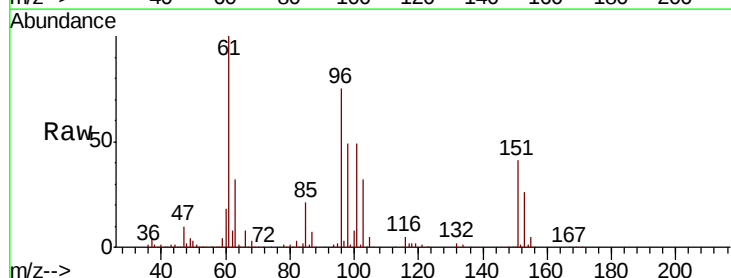
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

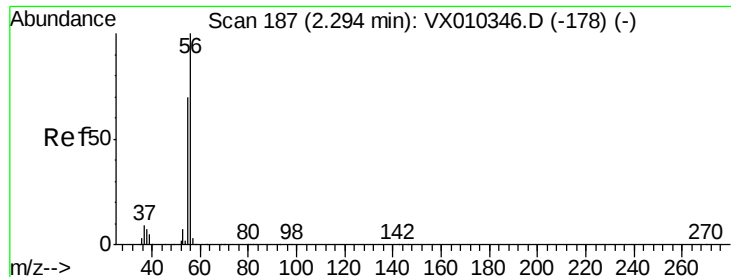
Tot Ion: 59 Resp: 166836
Ion Ratio Lower Upper
59 100
57 9.8 7.7 11.5



#12
1,1-Dichloroethene
Concen: 49.675 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

Tgt Ion: 96 Resp: 125094
Ion Ratio Lower Upper
96 100
61 133.0 109.2 163.8
98 64.7 51.1 76.7





#13

Acrolein

Concen: 181.843 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

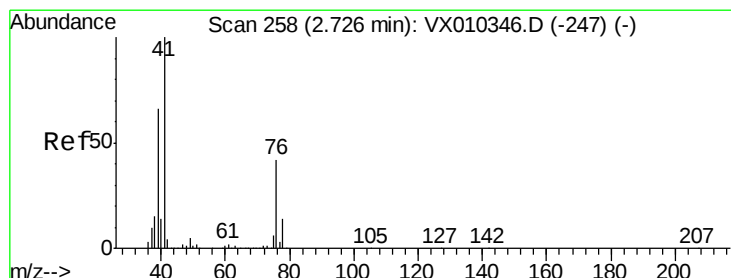
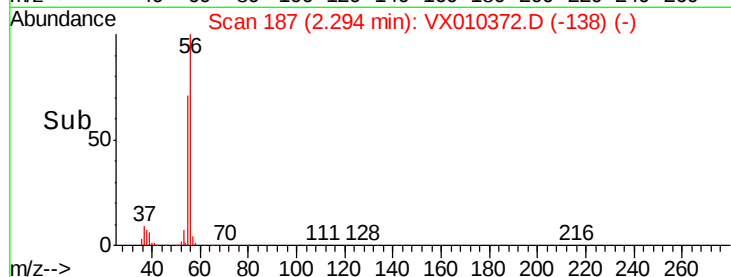
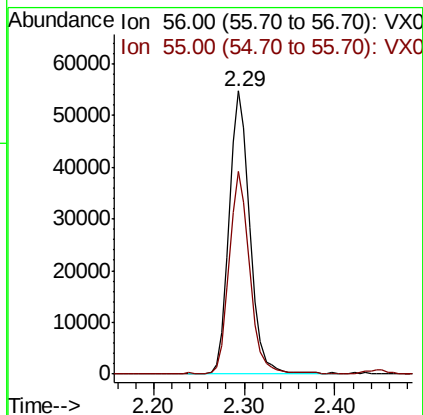
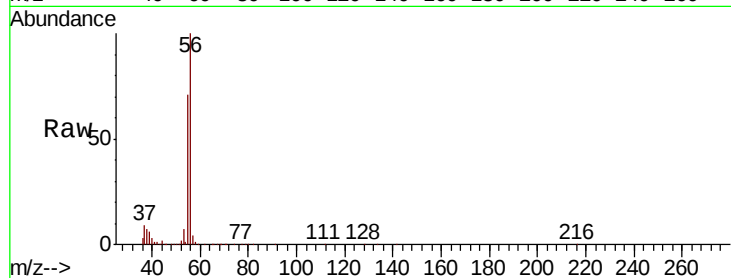
VSTDCCC050EC

Tot Ion: 56 Resp: 85984

Ion Ratio Lower Upper

56 100

55 70.4 56.9 85.3



#14

Allyl chloride

Concen: 50.361 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

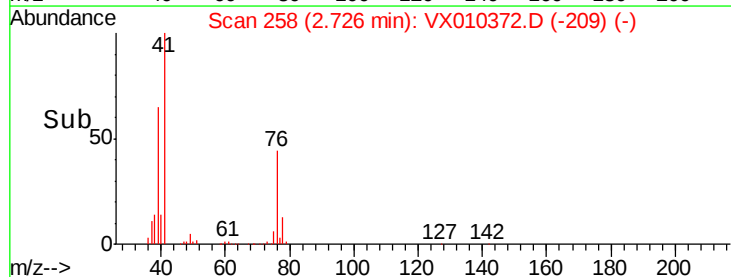
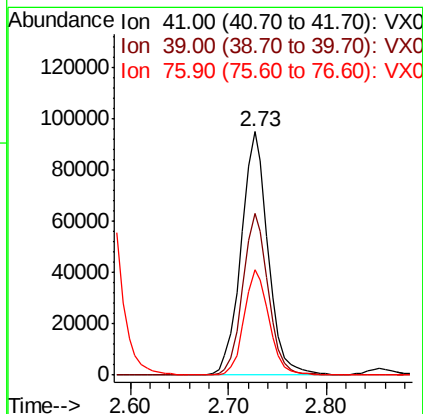
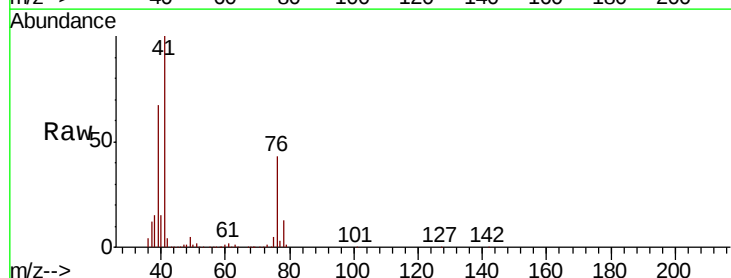
Tgt Ion: 41 Resp: 180052

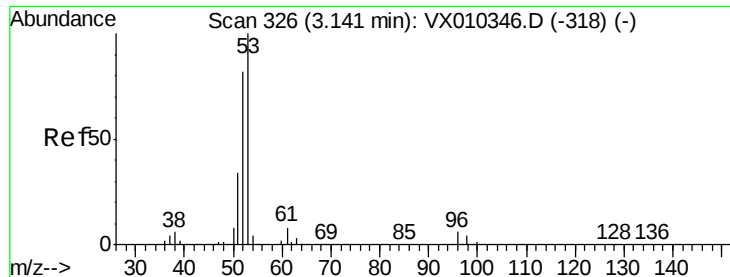
Ion Ratio Lower Upper

41 100

39 62.9 50.3 75.5

76 40.2 31.3 46.9





#15

Acrylonitrile

Concen: 254.375 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

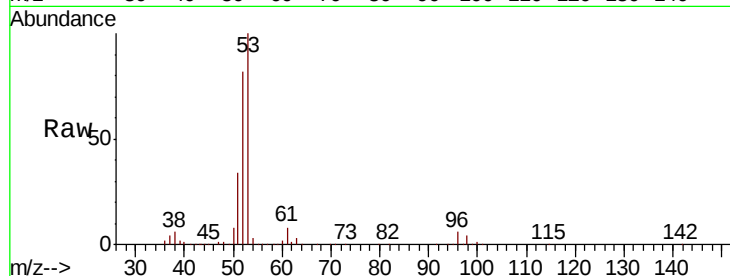
Tot Ion: 53 Resp: 358985

Ion Ratio Lower Upper

53 100

52 81.4 65.5 98.3

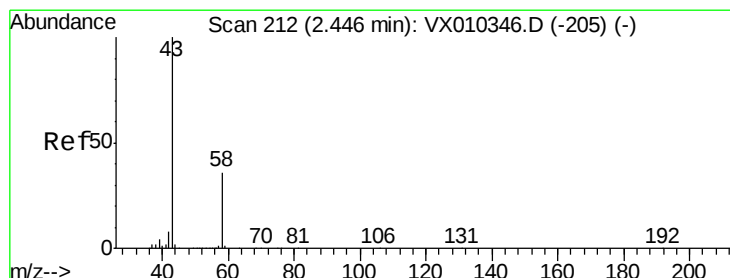
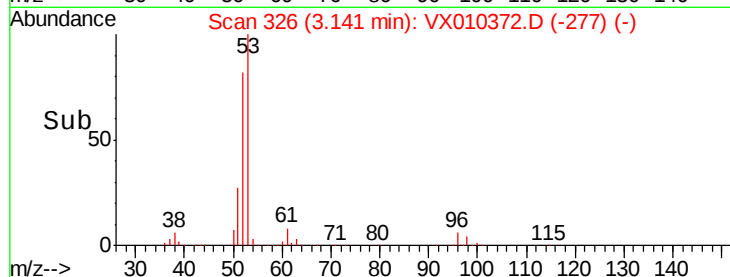
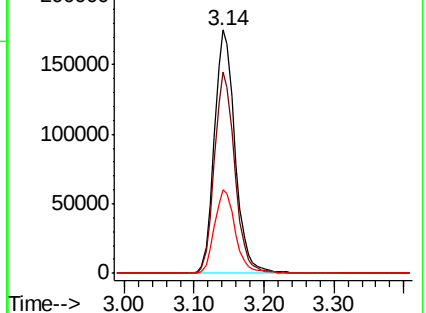
51 34.6 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 231.149 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010372.D

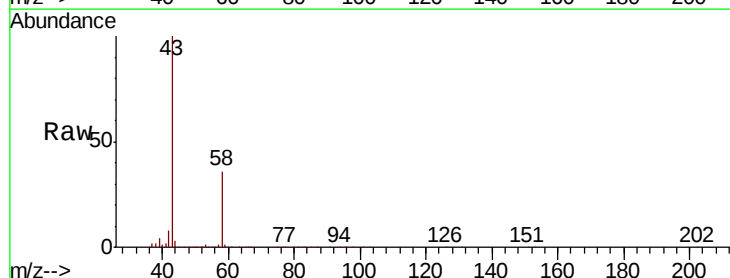
Acq: 20 Jun 2019 21:05

Tgt Ion: 43 Resp: 315565

Ion Ratio Lower Upper

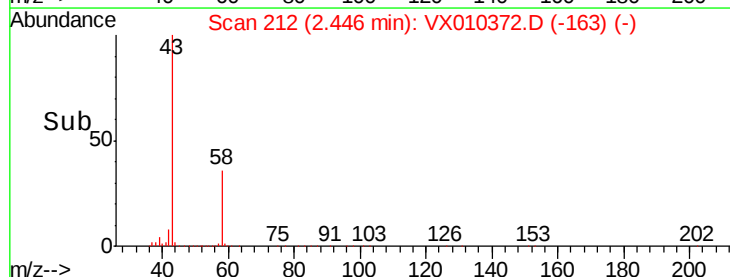
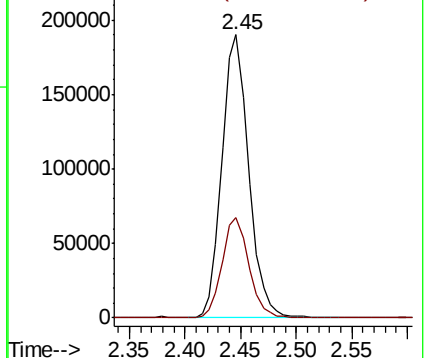
43 100

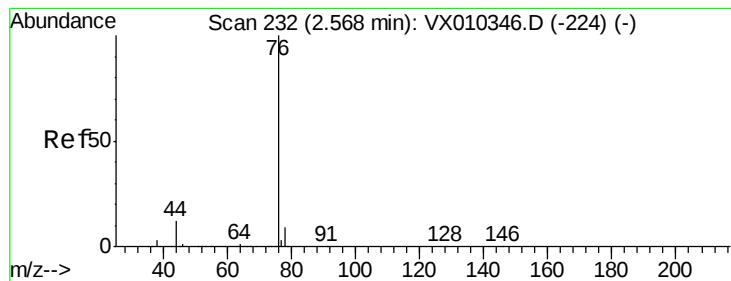
58 35.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.053 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

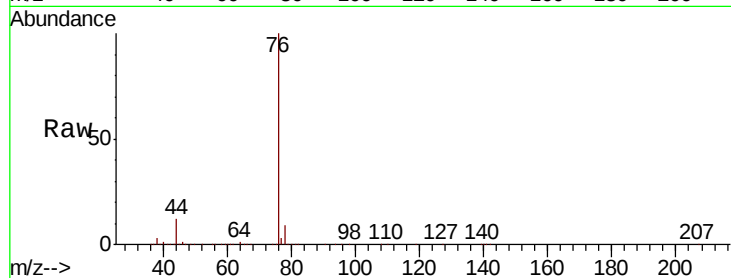
VSTDCCC050EC

Tot Ion: 76 Resp: 324653

Ion Ratio Lower Upper

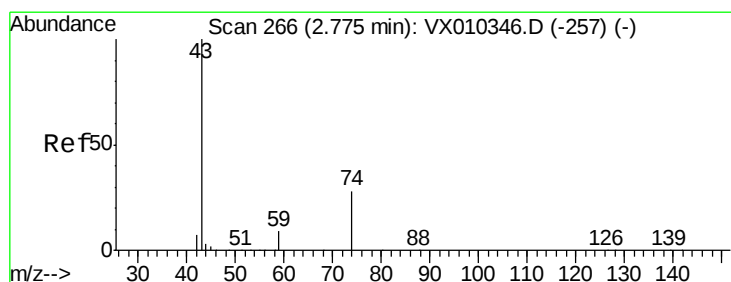
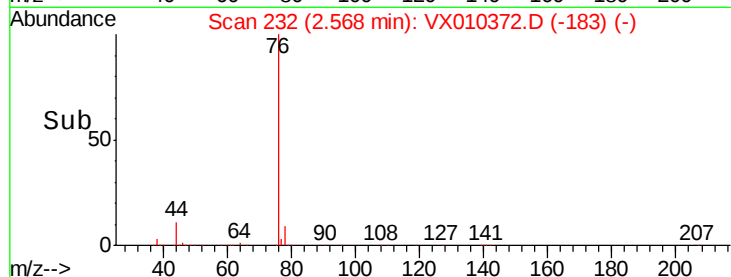
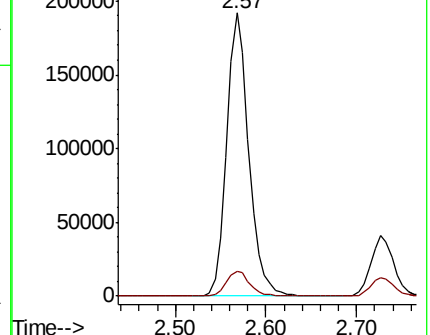
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.451 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010372.D

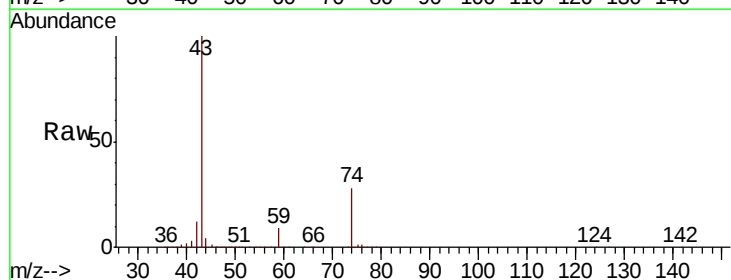
Acq: 20 Jun 2019 21:05

Tgt Ion: 43 Resp: 137274

Ion Ratio Lower Upper

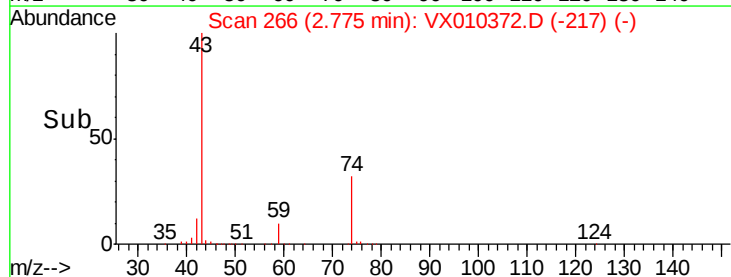
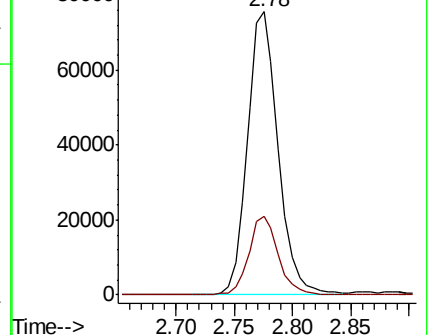
43 100

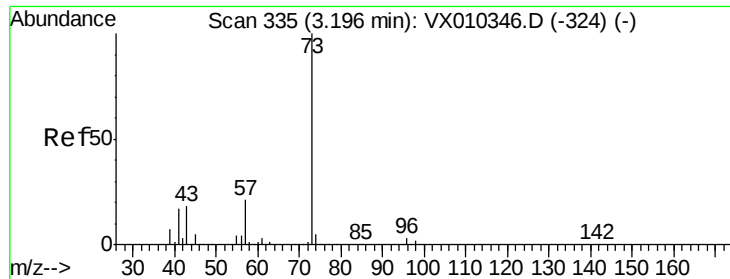
74 27.4 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



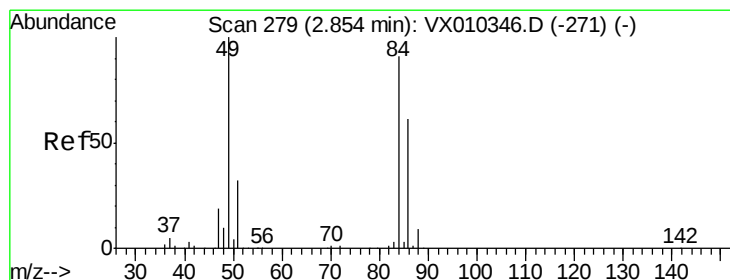
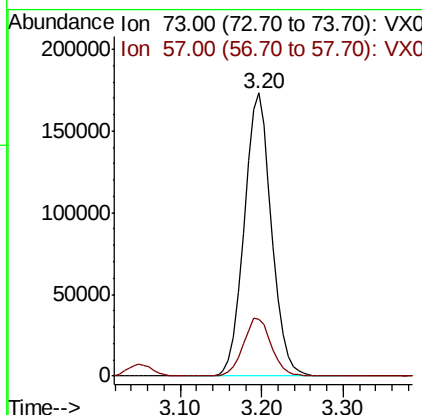
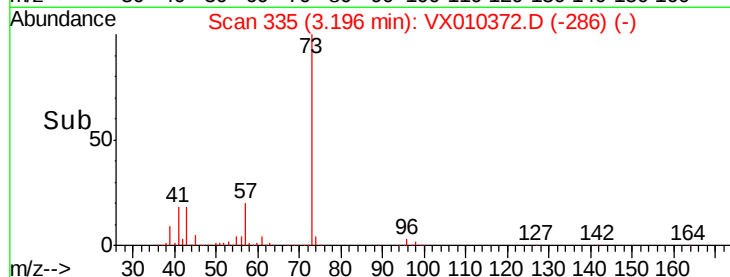
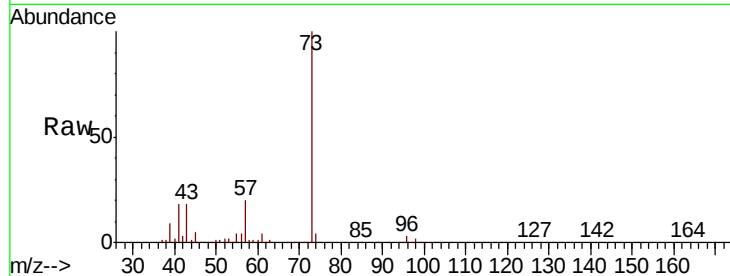


#19

Methyl tert-butyl Ether
 Concen: 50.658 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

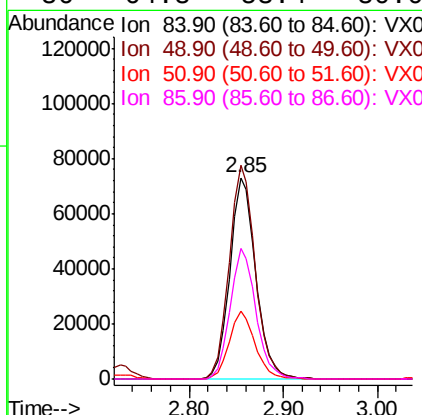
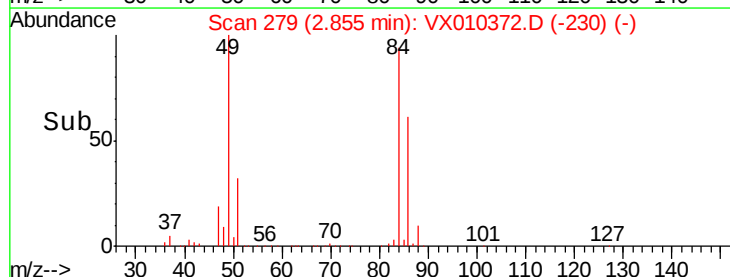
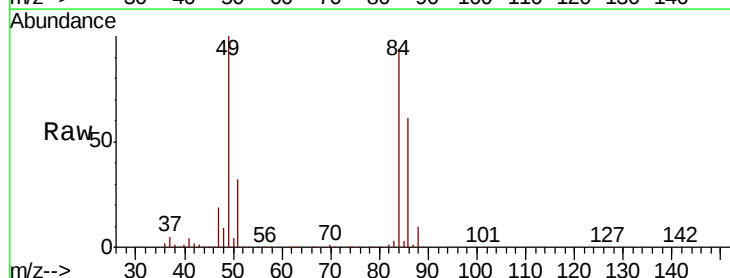
Tot Ion: 73 Resp: 401323
 Ion Ratio Lower Upper
 73 100
 57 20.0 16.4 24.6

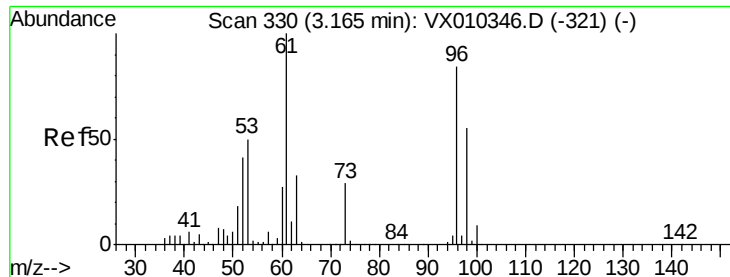


#20

Methylene Chloride
 Concen: 49.589 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

Tgt Ion: 84 Resp: 139320
 Ion Ratio Lower Upper
 84 100
 49 106.0 87.5 131.3
 51 33.8 27.7 41.5
 86 64.8 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 49.182 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

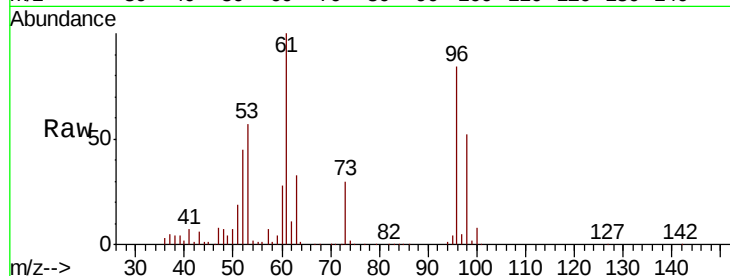
Tot Ion: 96 Resp: 133205

Ion Ratio Lower Upper

96 100

61 119.3 95.6 143.4

98 62.0 52.5 78.7

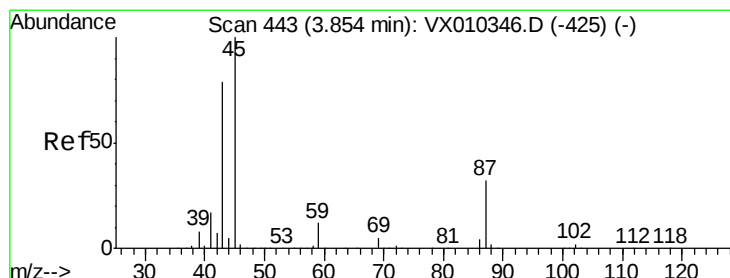
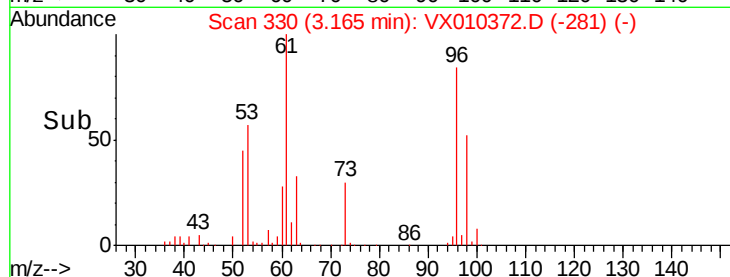
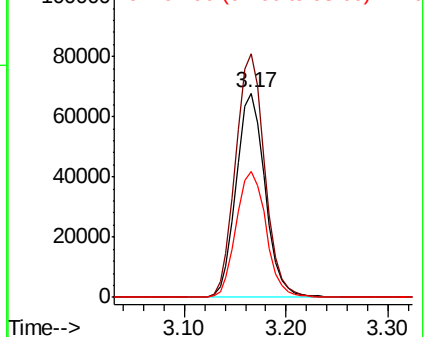


Abundance

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: 50.586 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Tgt Ion: 45 Resp: 378127

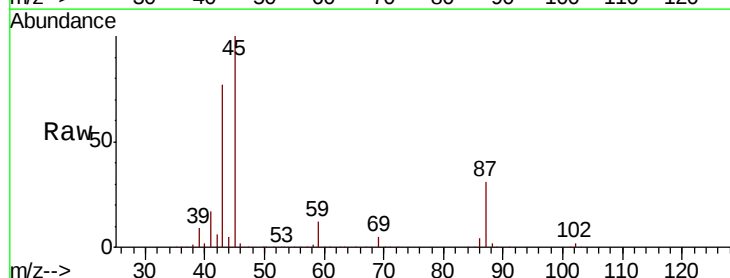
Ion Ratio Lower Upper

45 100

43 77.3 63.3 94.9

87 31.0 25.8 38.8

59 12.0 9.6 14.4



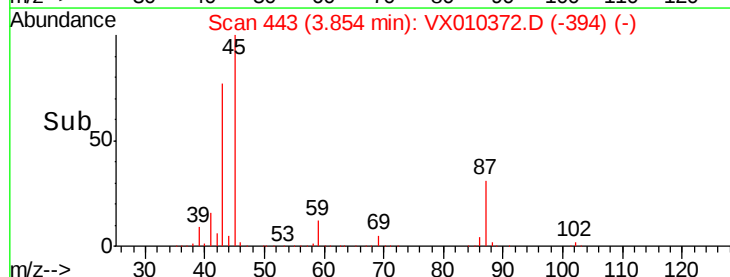
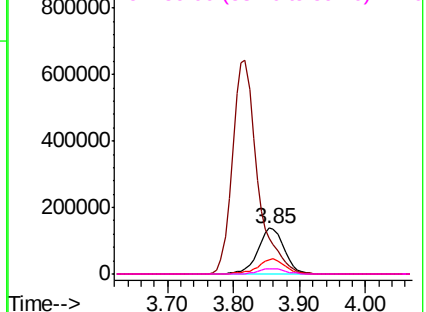
Abundance

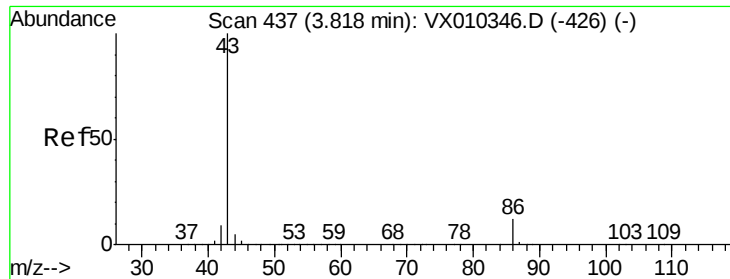
Ion 45.00 (44.70 to 45.70): VX0

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: 260.010 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

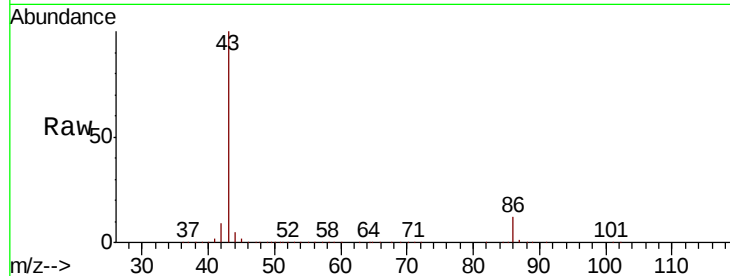
VSTDCCC050EC

Tot Ion: 43 Resp: 1679033

Ion Ratio Lower Upper

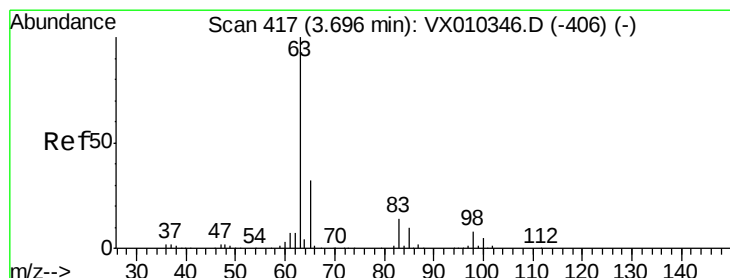
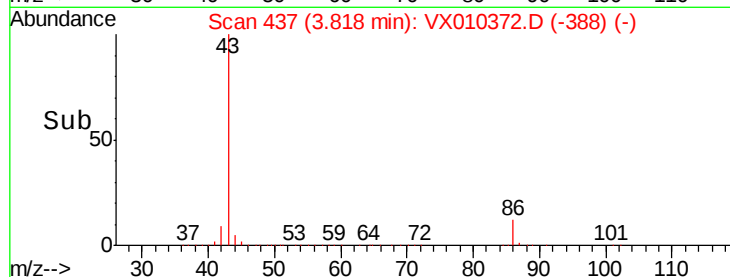
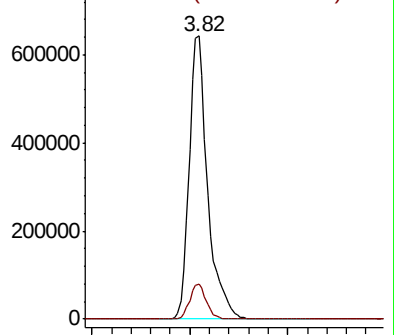
43 100

86 12.5 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.451 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

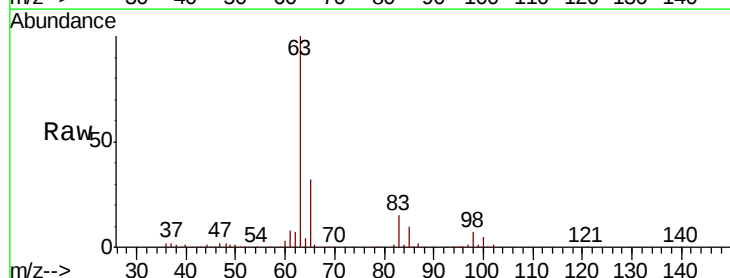
Tgt Ion: 63 Resp: 217989

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

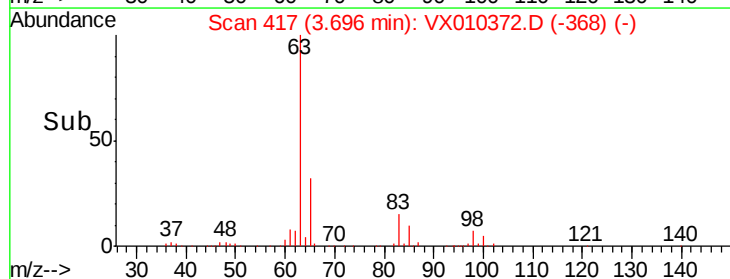
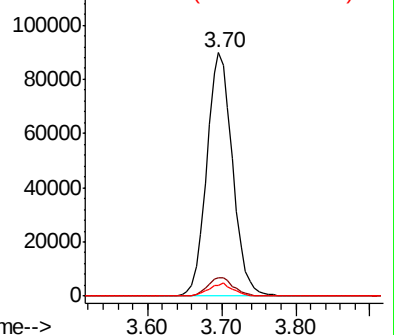
100 4.5 2.4 7.1

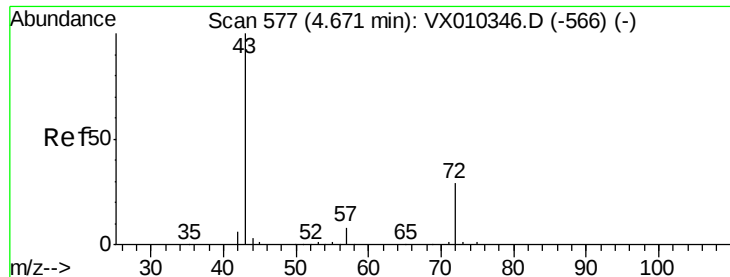


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 249.512 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

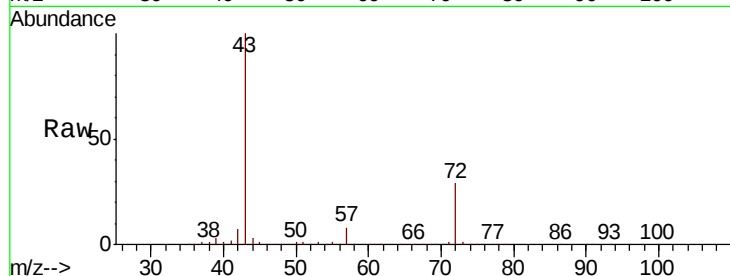
VSTDCCC050EC

Tot Ion: 43 Resp: 499666

Ion Ratio Lower Upper

43 100

72 29.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

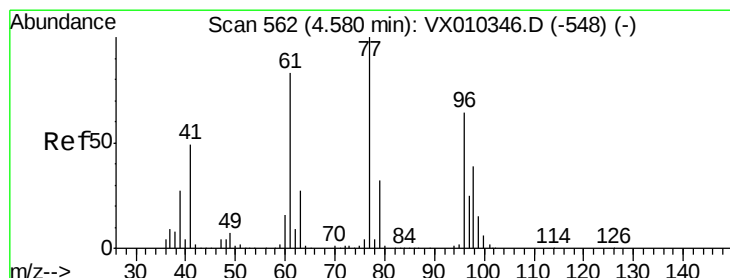
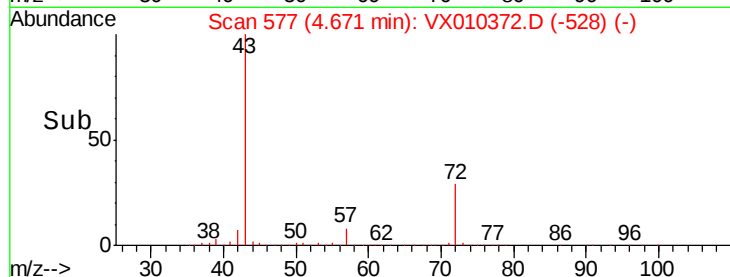
100000

50000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.025 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010372.D

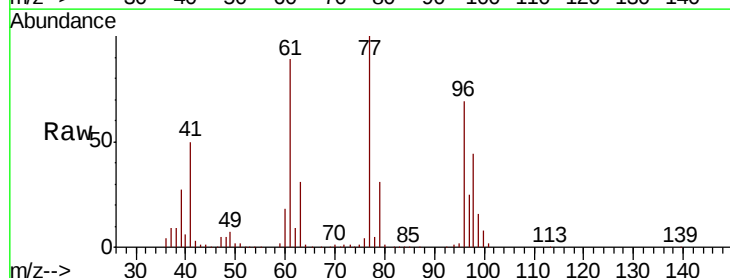
Acq: 20 Jun 2019 21:05

Tgt Ion: 77 Resp: 168998

Ion Ratio Lower Upper

77 100

97 26.8 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

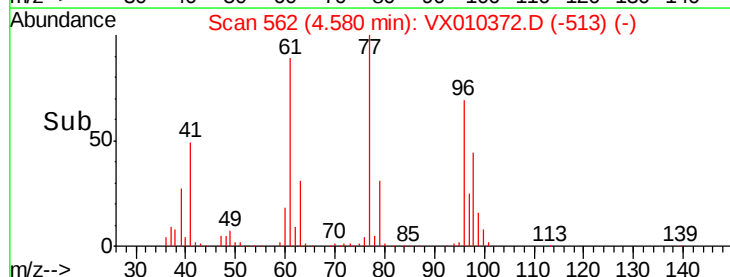
20000

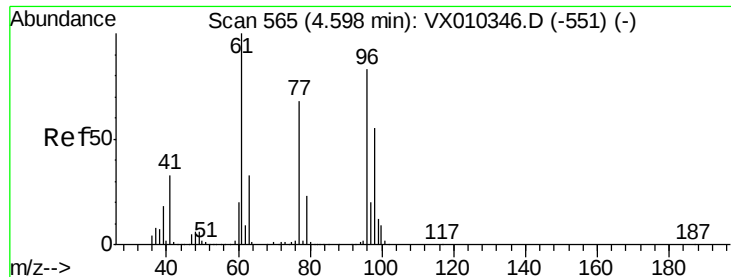
10000

0

4.50 4.58 4.60 4.70

Time-->



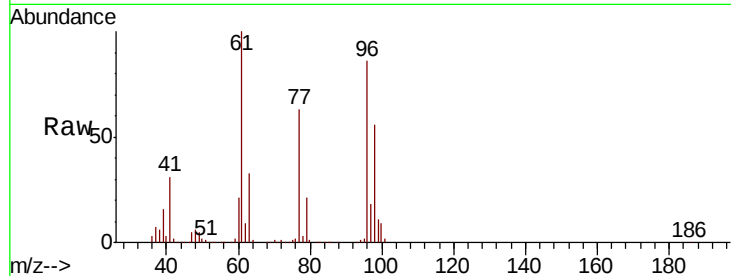


#27

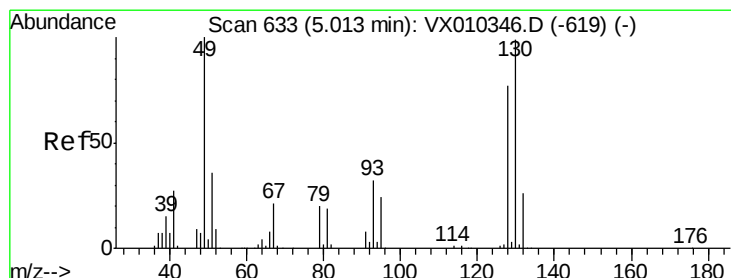
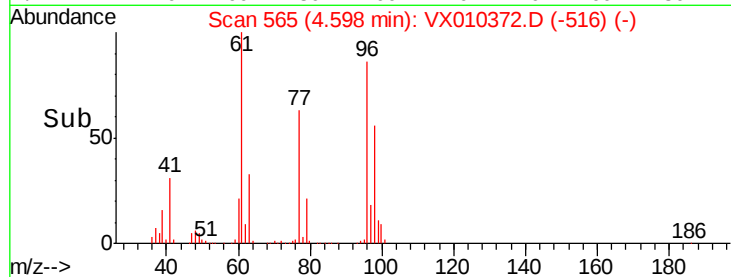
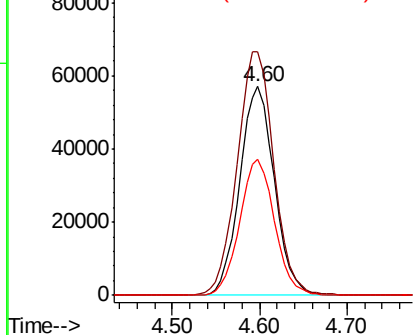
cis-1,2-Dichloroethene
 Concen: 50.171 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 157024
 Ion Ratio Lower Upper
 96 100
 61 123.9 0.0 251.8
 98 65.7 0.0 129.4



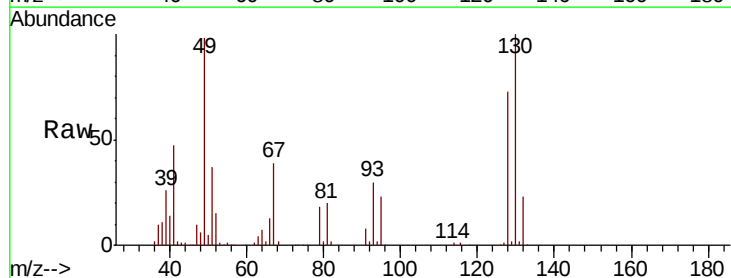
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



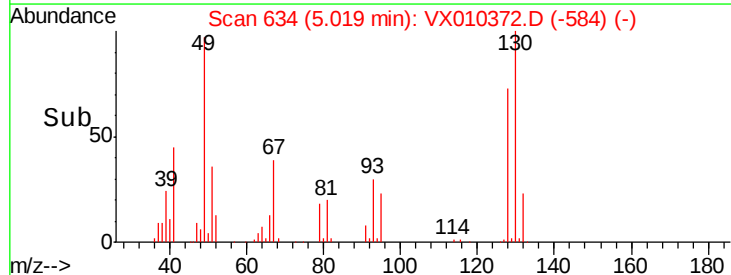
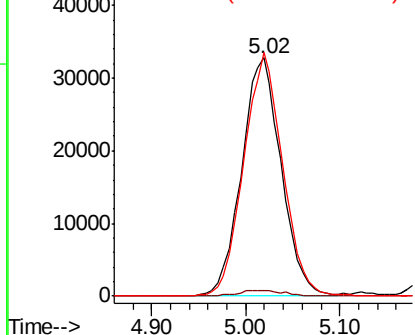
#28

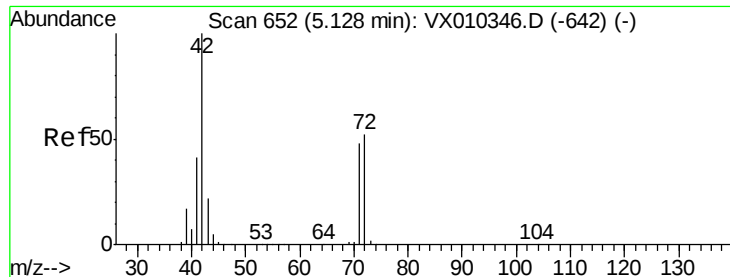
Bromochloromethane
 Concen: 46.653 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

Tgt Ion: 49 Resp: 96378
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.6
 130 100.2 81.4 122.0



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





#29

Tetrahydrofuran

Concen: 254.619 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

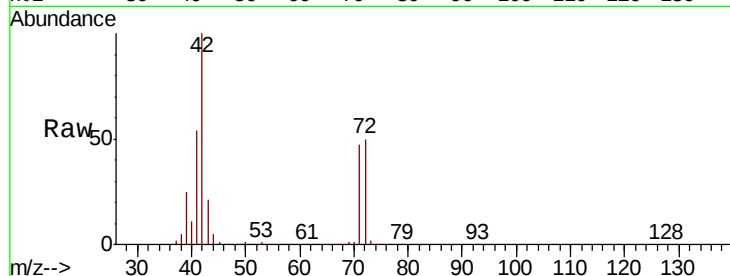
Tot Ion: 42 Resp: 315832

Ion Ratio Lower Upper

42 100

72 51.1 40.6 60.8

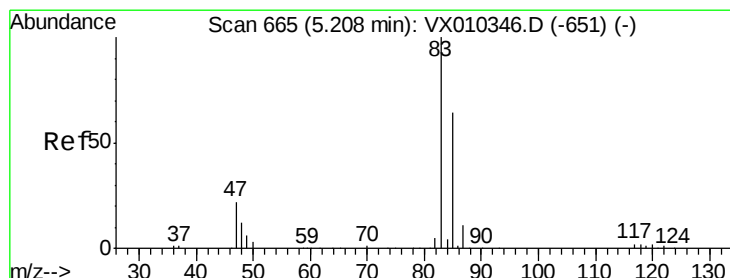
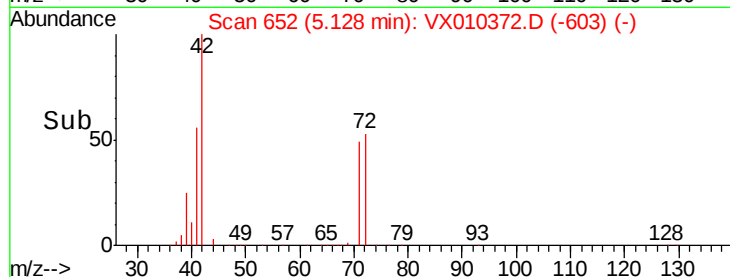
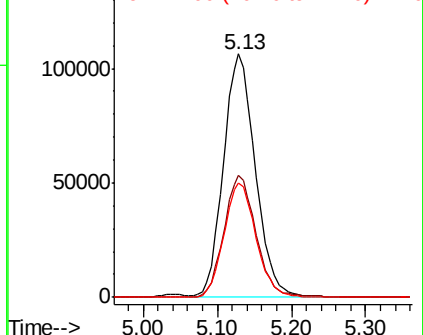
71 47.6 37.8 56.8



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: 50.297 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010372.D

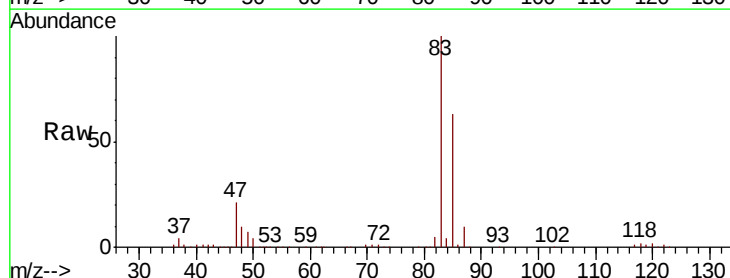
Acq: 20 Jun 2019 21:05

Tgt Ion: 83 Resp: 233826

Ion Ratio Lower Upper

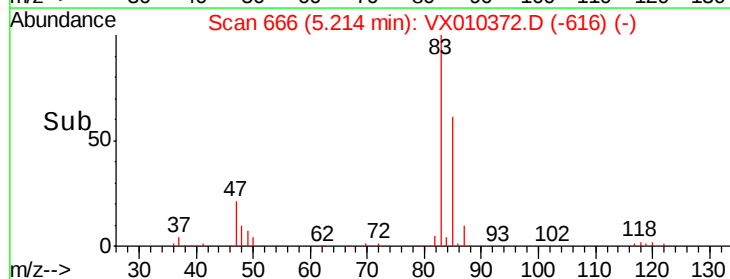
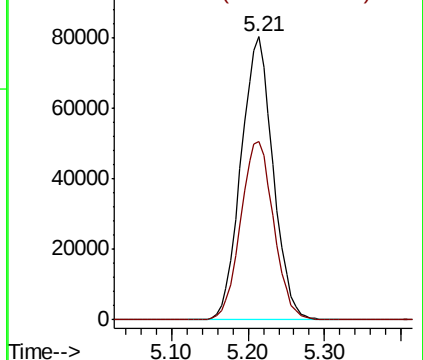
83 100

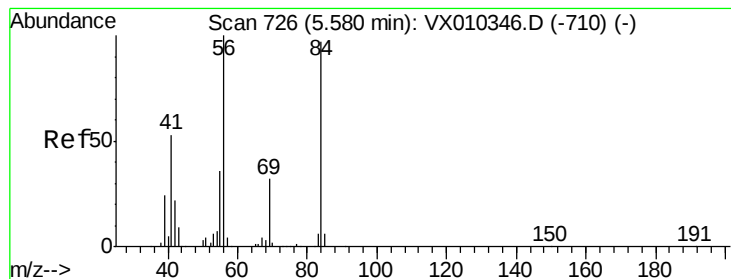
85 63.2 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.353 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

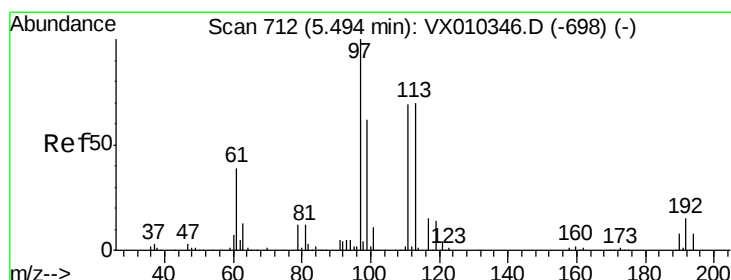
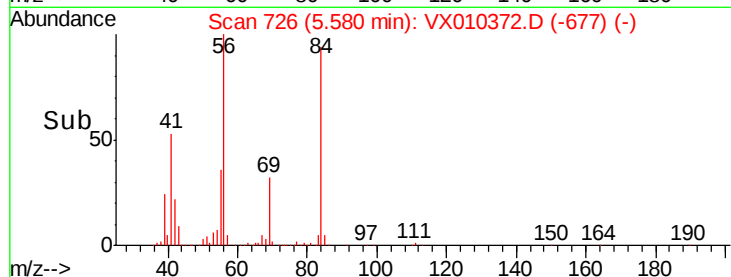
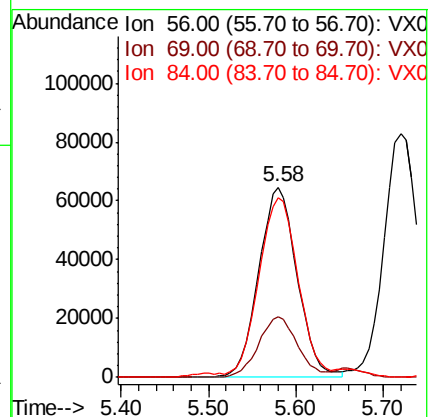
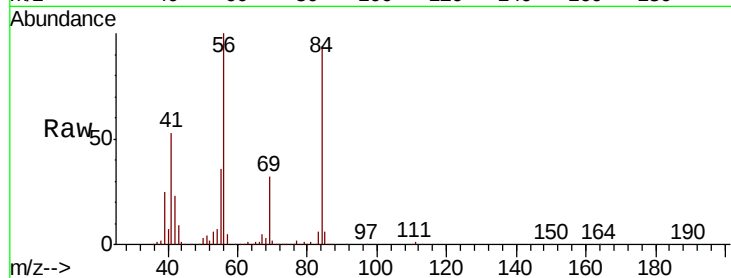
Tot Ion: 56 Resp: 198123

Ion Ratio Lower Upper

56 100

69 32.1 25.9 38.9

84 93.1 78.0 117.0



#32

1,1,1-Trichloroethane

Concen: 50.637 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

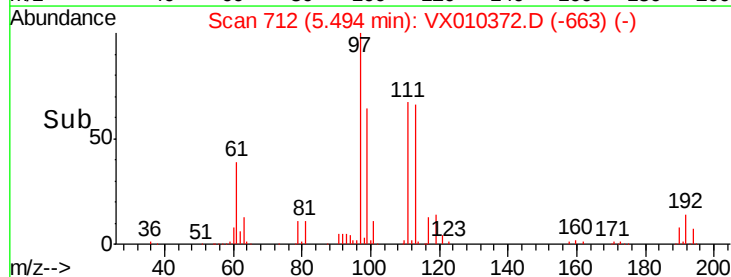
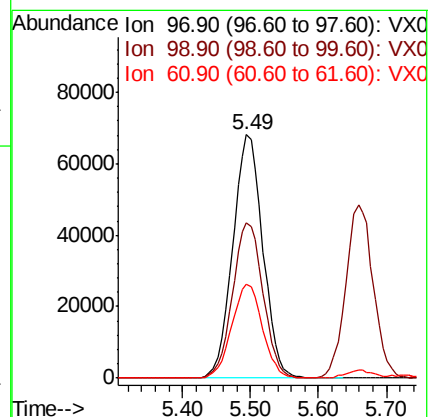
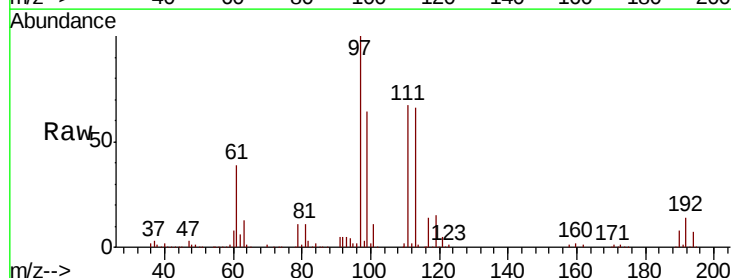
Tgt Ion: 97 Resp: 207865

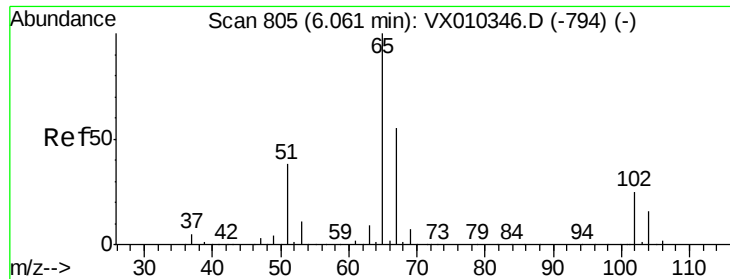
Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.8

61 39.6 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 48.841 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

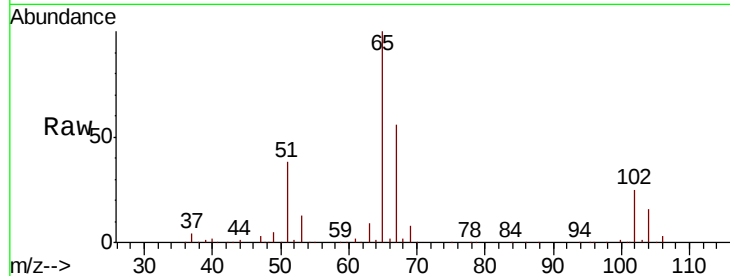
VSTDCCC050EC

Tot Ion: 65 Resp: 133045

Ion Ratio Lower Upper

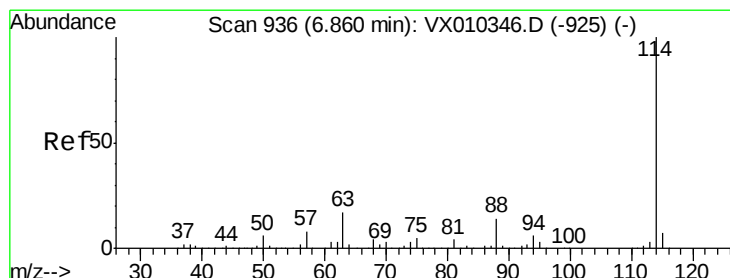
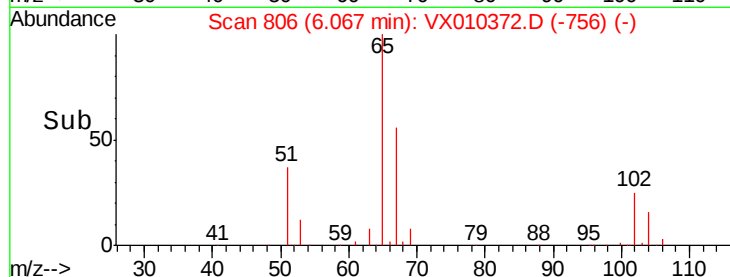
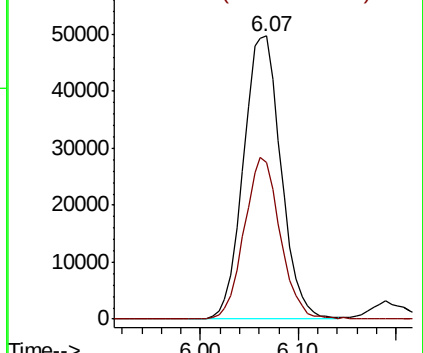
65 100

67 54.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

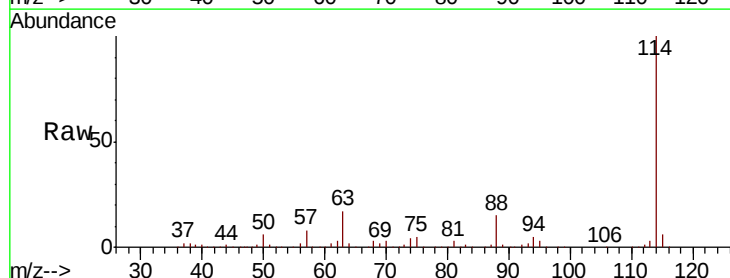
Tgt Ion: 114 Resp: 438688

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

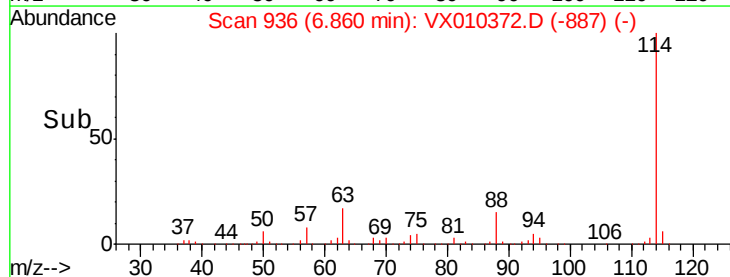
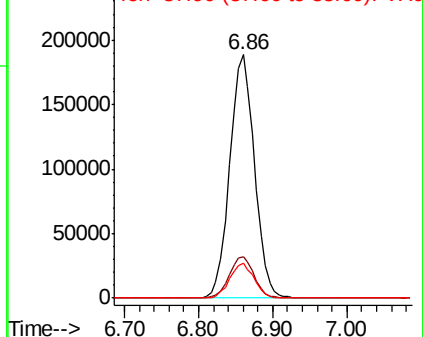
88 14.6 0.0 27.6

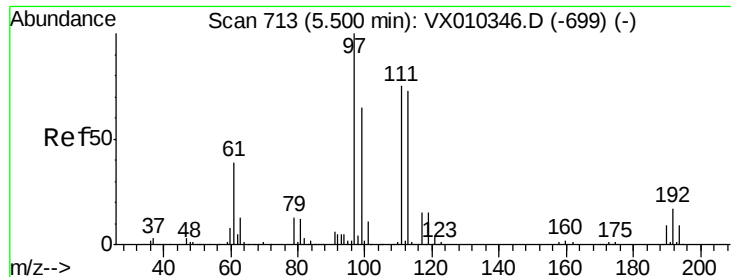


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.862 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

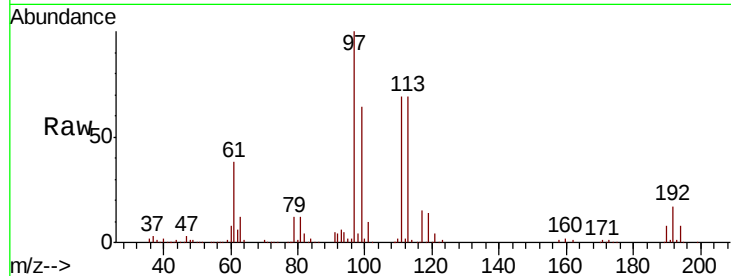
Tot Ion:113 Resp: 131148

Ion Ratio Lower Upper

113 100

111 101.4 81.2 121.8

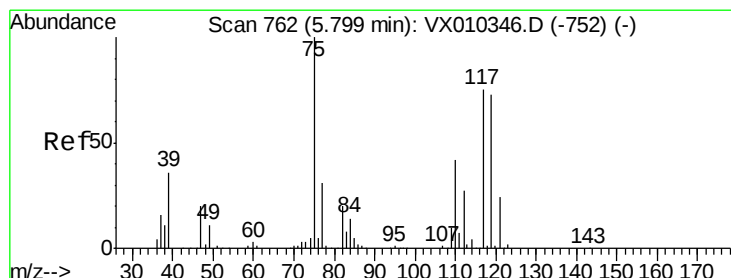
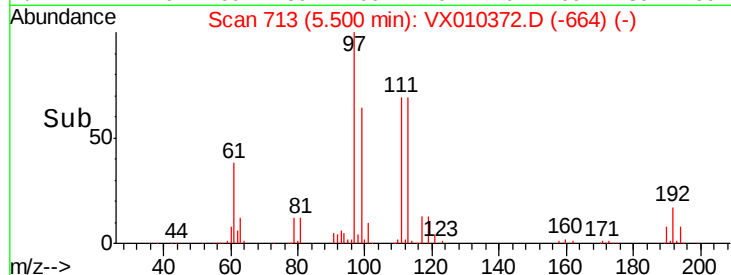
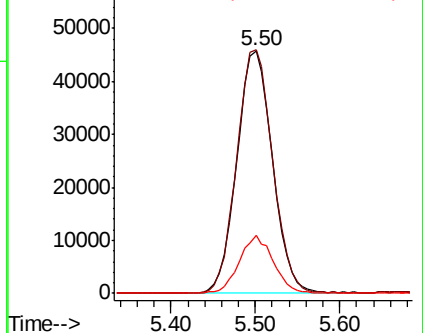
192 22.8 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.760 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

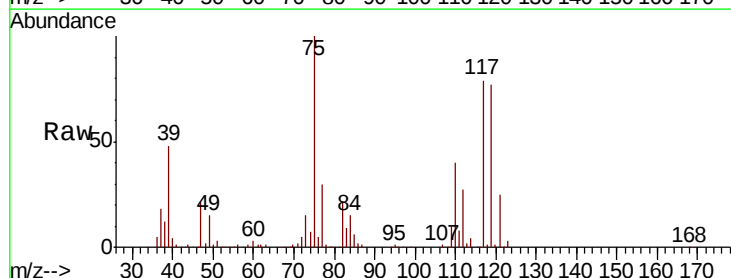
Tgt Ion: 75 Resp: 169979

Ion Ratio Lower Upper

75 100

110 41.2 20.8 62.2

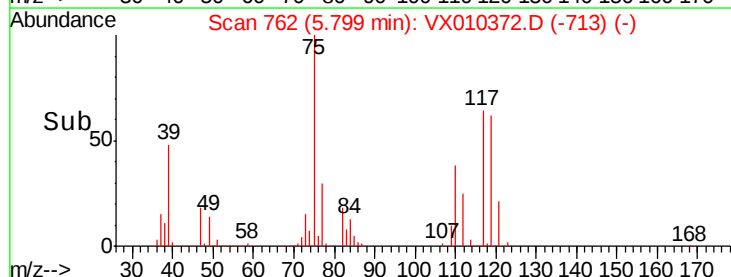
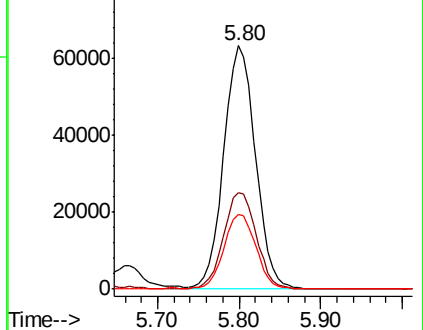
77 31.1 25.4 38.0

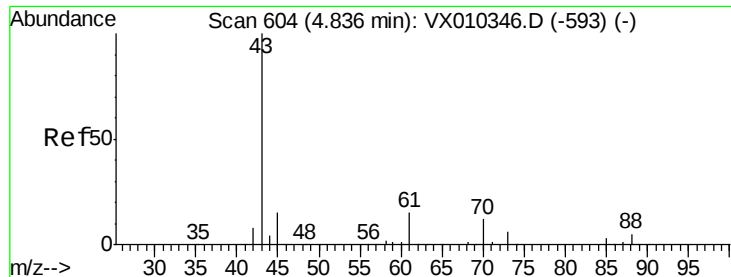


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.566 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

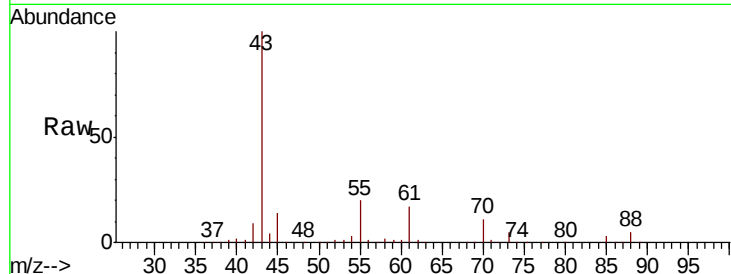
Tot Ion: 43 Resp: 184933

Ion Ratio Lower Upper

43 100

61 15.8 12.4 18.6

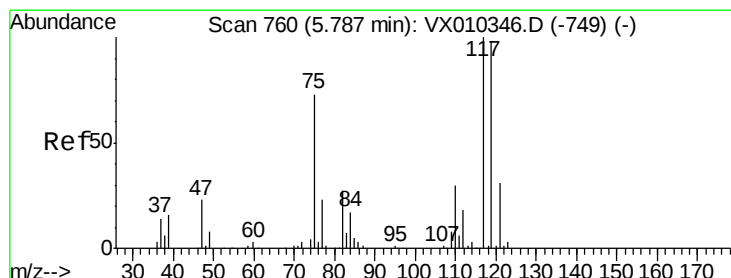
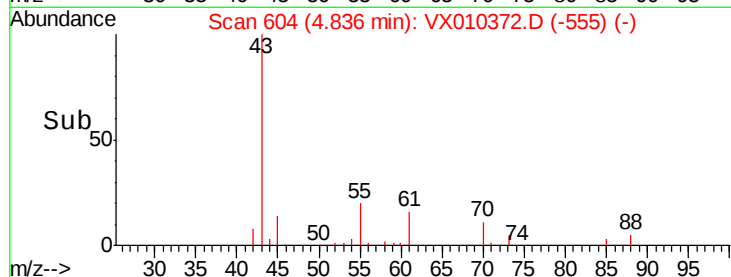
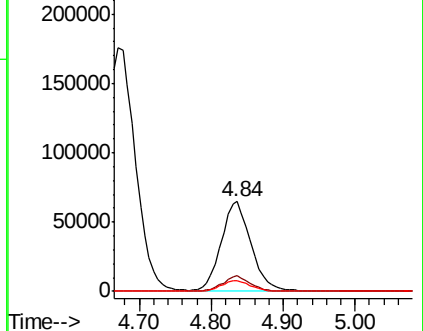
70 12.1 9.8 14.8



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: 50.311 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

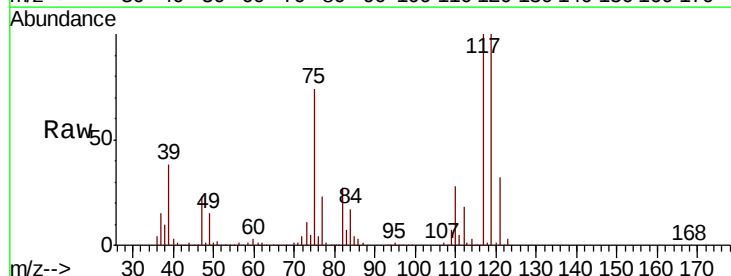
Tgt Ion: 117 Resp: 189921

Ion Ratio Lower Upper

117 100

119 99.9 78.2 117.4

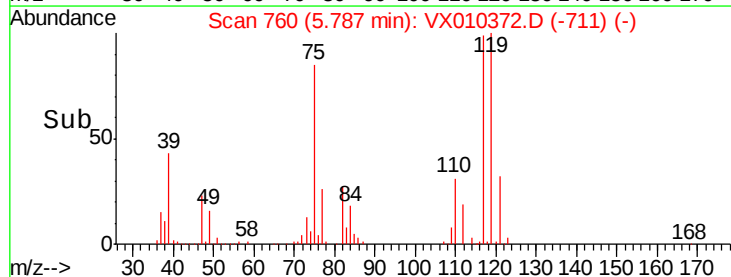
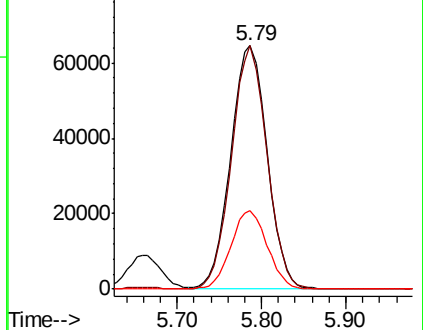
121 32.2 24.7 37.1



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

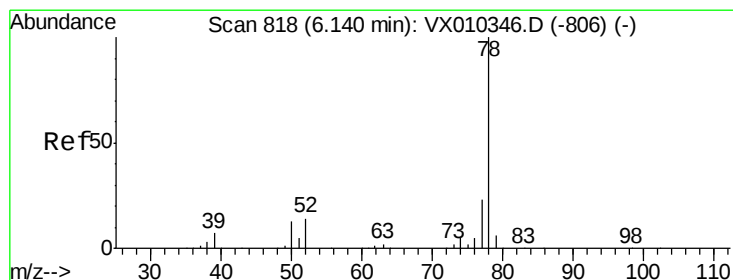
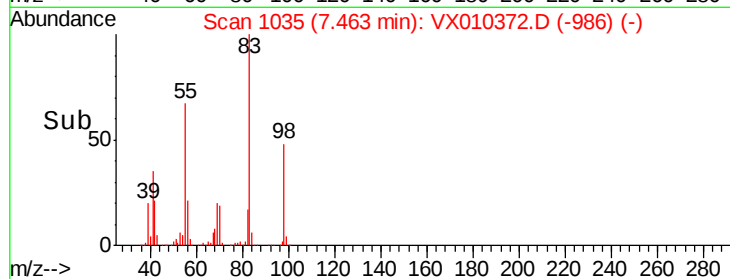
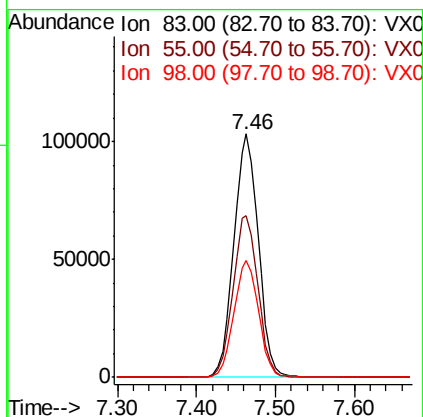
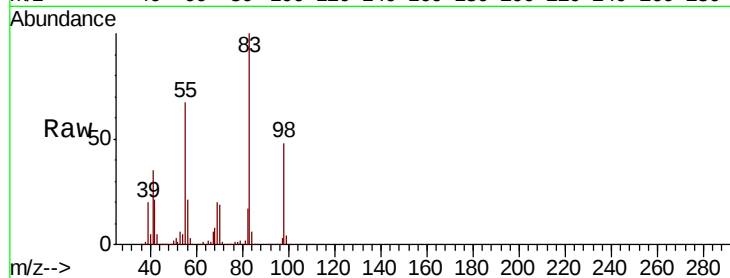




#39
Methvlcvclohexane
Concen: 48.653 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

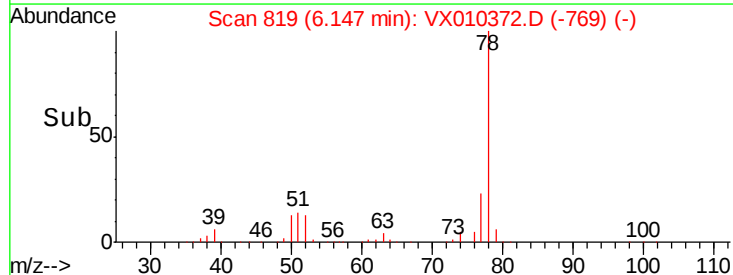
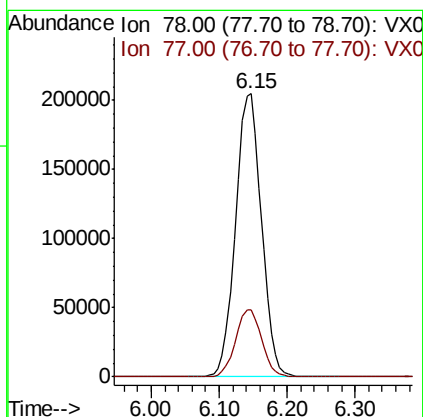
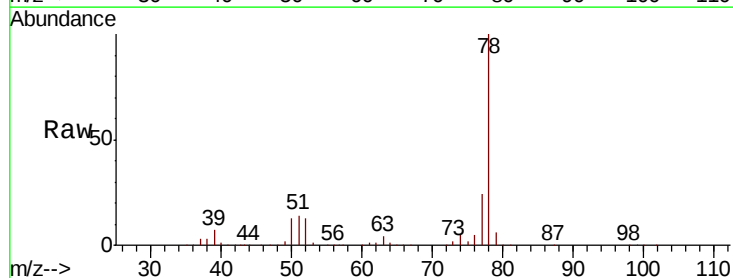
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

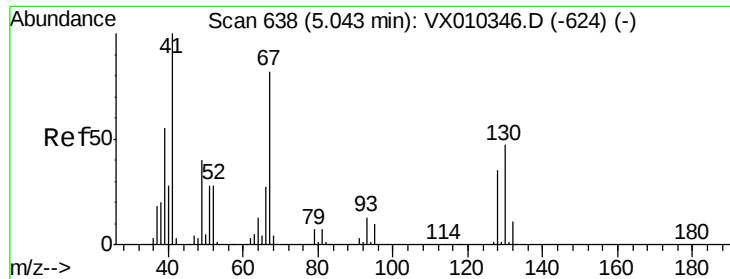
Tot Ion: 83 Resp: 222943
Ion Ratio Lower Upper
83 100
55 66.6 53.0 79.6
98 48.2 37.8 56.8



#40
Benzene
Concen: 49.891 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

Tgt Ion: 78 Resp: 541852
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0

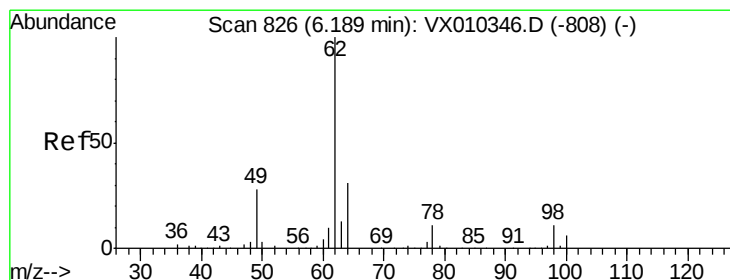
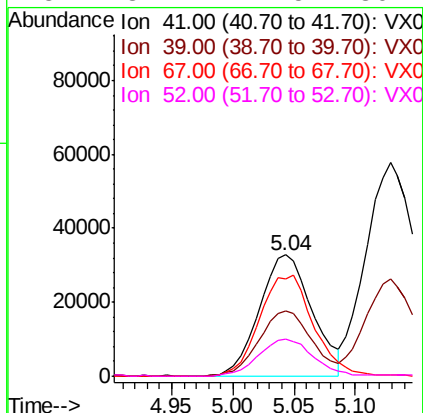
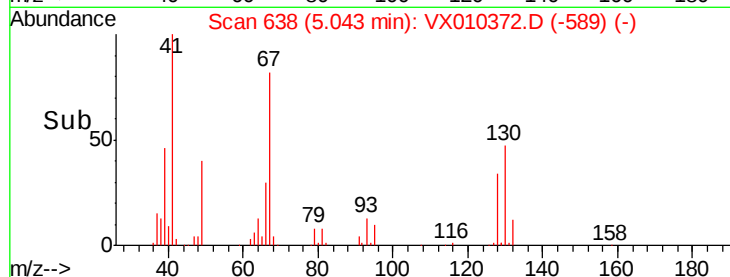
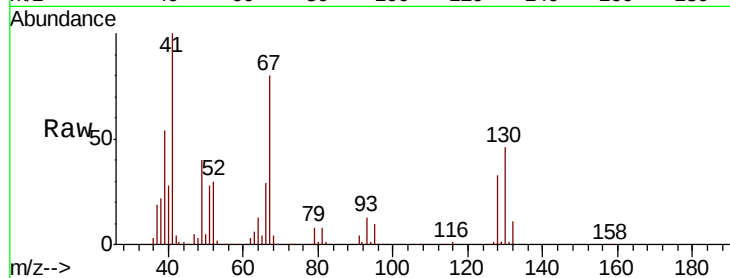




#41
Methacrylonitrile
Concen: 50.025 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

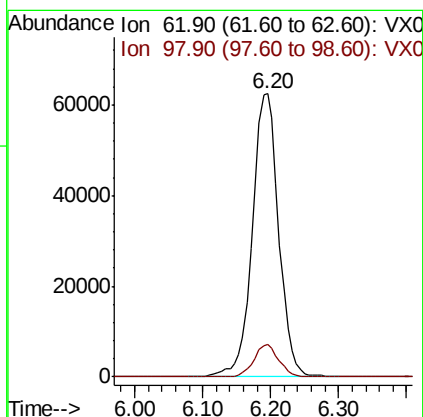
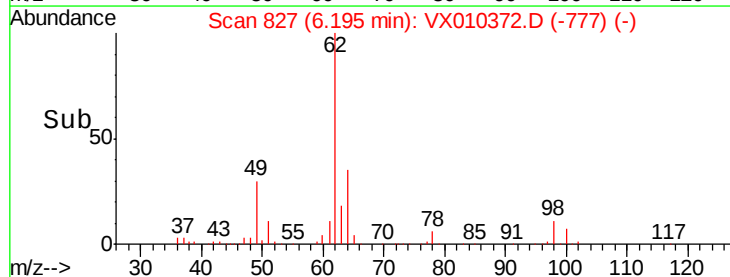
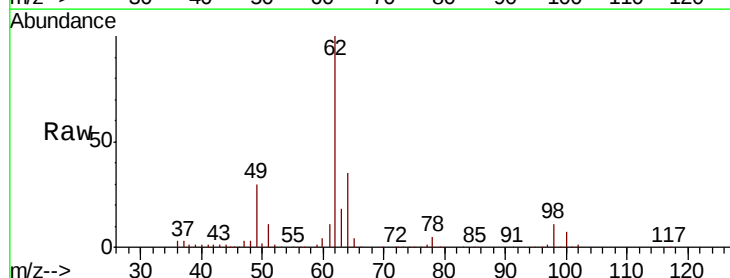
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

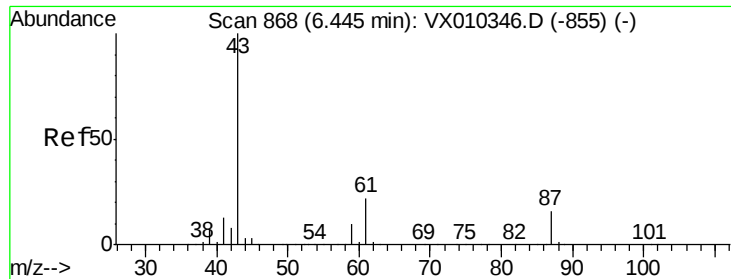
Tot Ion: 41 Resp: 98436
Ion Ratio Lower Upper
41 100
39 54.4 43.8 65.8
67 85.6 66.6 100.0
52 31.4 24.5 36.7



#42
1,2-Dichloroethane
Concen: 51.127 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

Tgt Ion: 62 Resp: 169025
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.2





#43

Isopropyl Acetate

Concen: 51.231 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

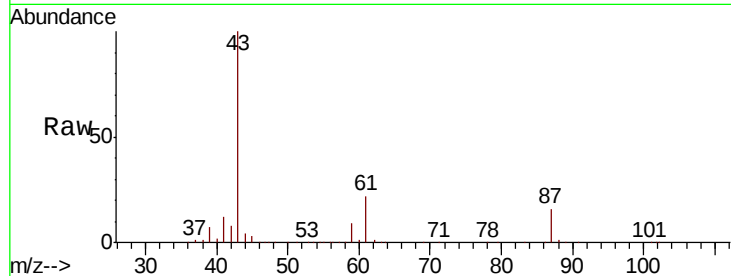
Tot Ion: 43 Resp: 303980

Ion Ratio Lower Upper

43 100

61 22.0 17.8 26.6

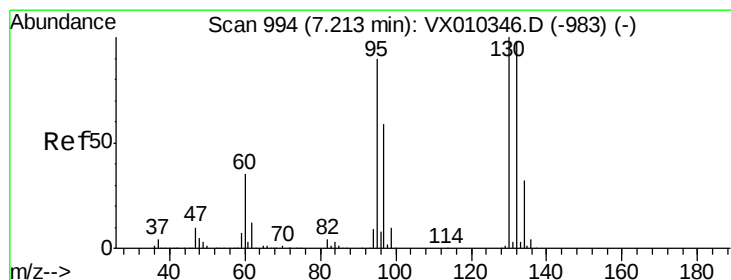
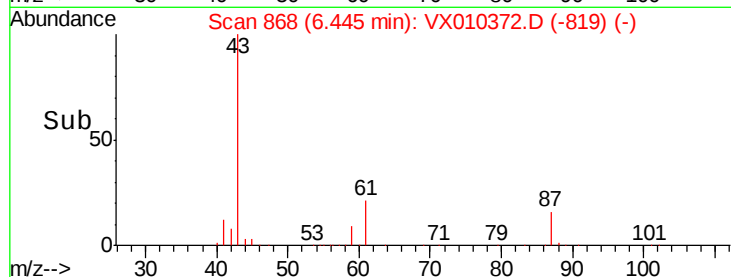
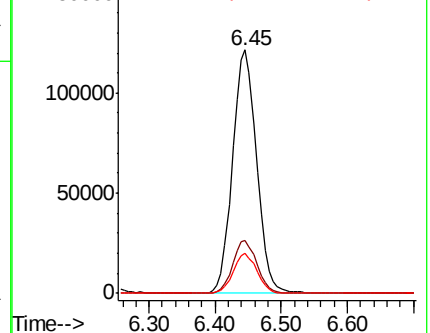
87 16.2 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.744 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010372.D

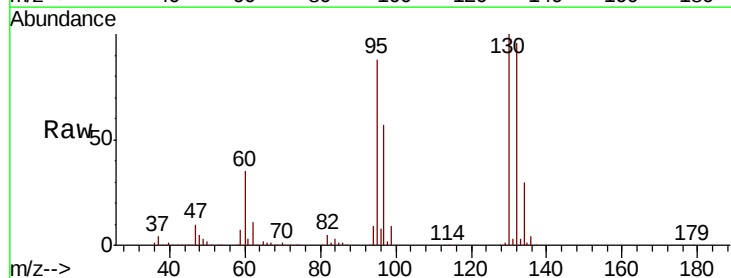
Acq: 20 Jun 2019 21:05

Tgt Ion:130 Resp: 161657

Ion Ratio Lower Upper

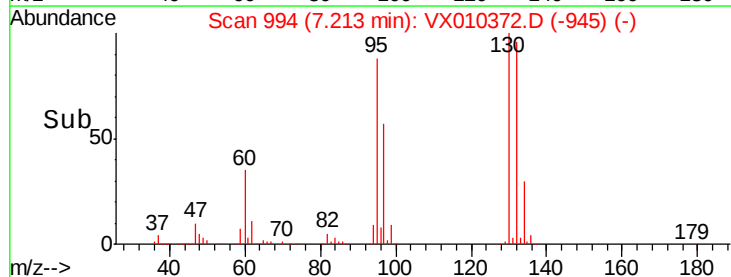
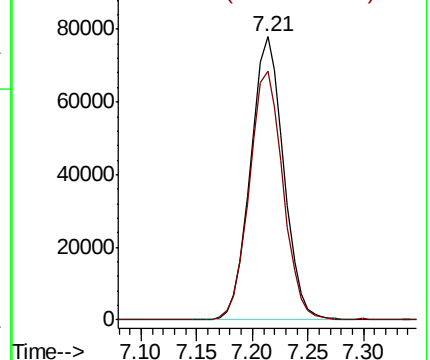
130 100

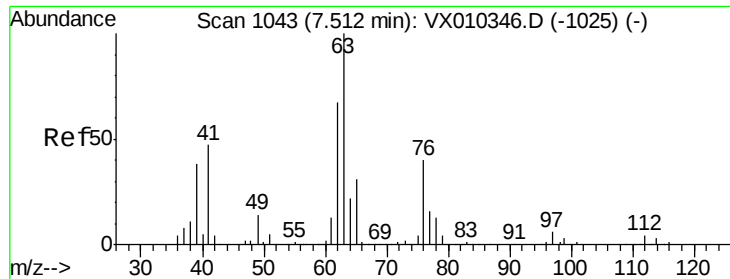
95 88.1 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.978 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

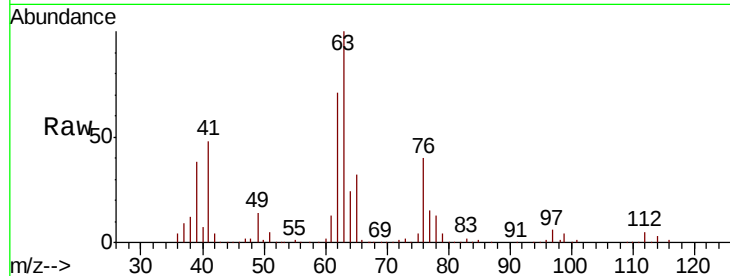
VSTDCCC050EC

Tot Ion: 63 Resp: 137071

Ion Ratio Lower Upper

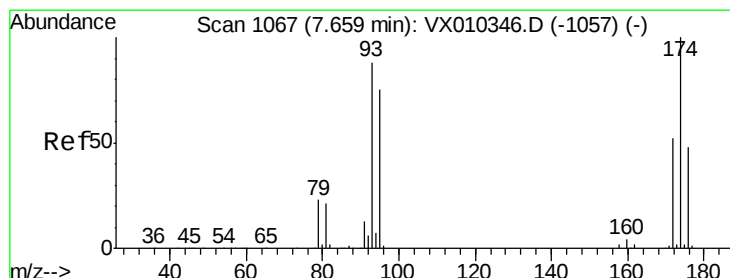
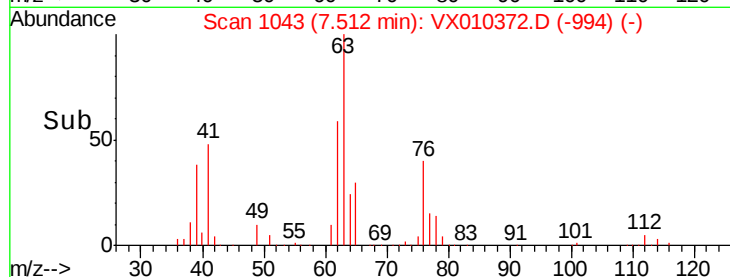
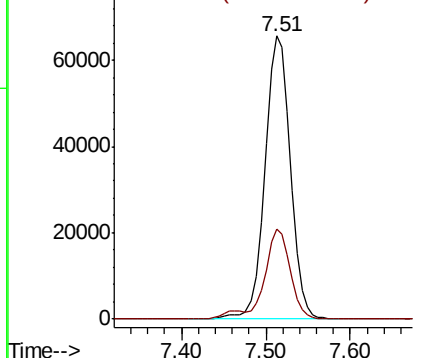
63 100

65 31.9 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.161 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

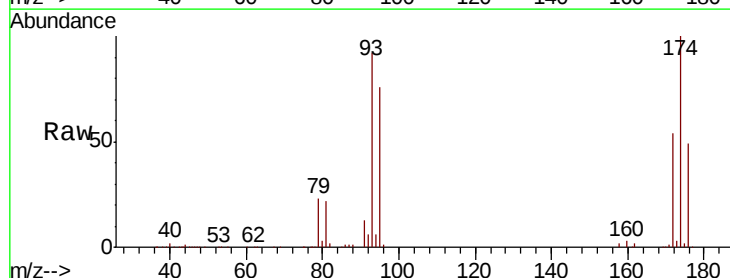
Tgt Ion: 93 Resp: 98706

Ion Ratio Lower Upper

93 100

95 85.0 67.5 101.3

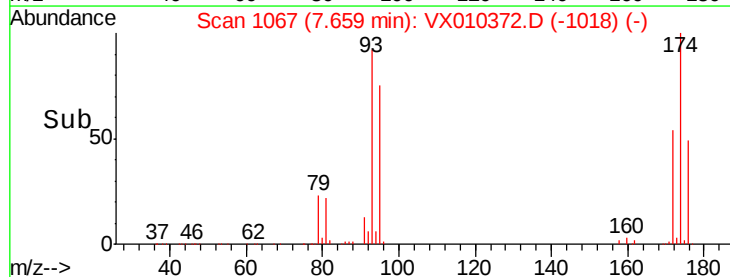
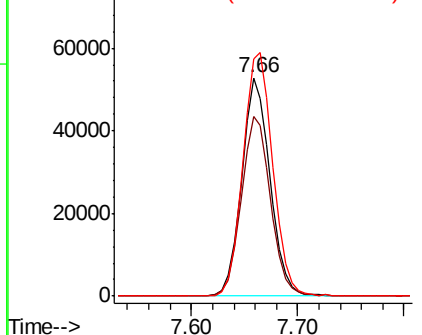
174 117.4 95.8 143.6

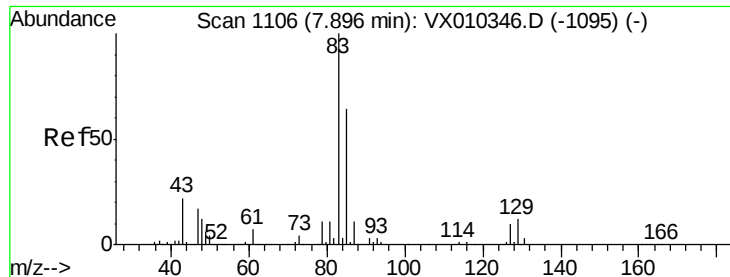


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.063 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

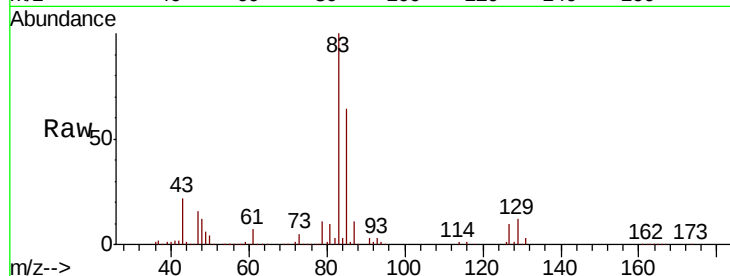
Tot Ion: 83 Resp: 184142

Ion Ratio Lower Upper

83 100

85 63.8 51.5 77.3

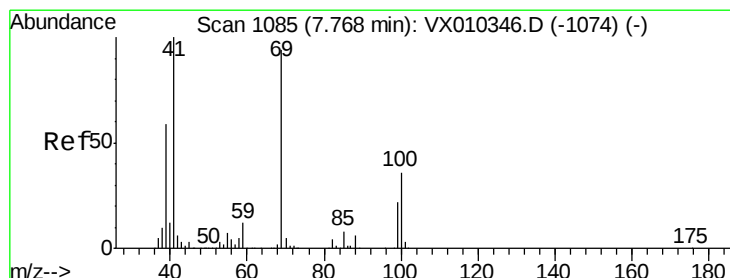
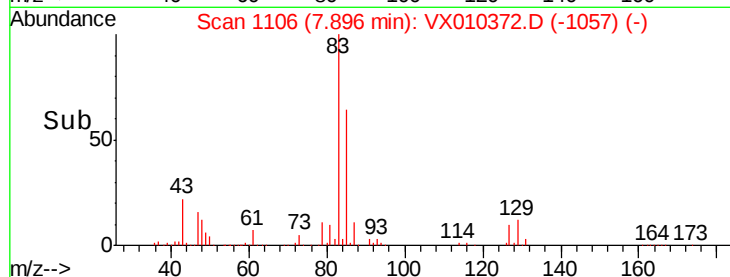
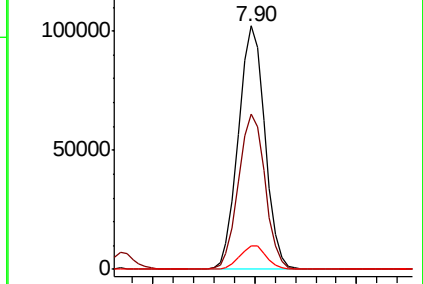
127 9.5 7.8 11.8



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: 51.989 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

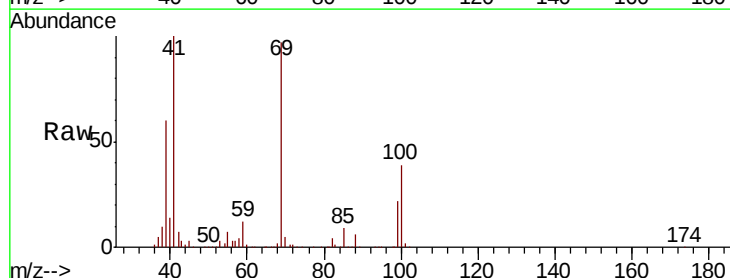
Tgt Ion: 41 Resp: 143385

Ion Ratio Lower Upper

41 100

69 95.4 76.1 114.1

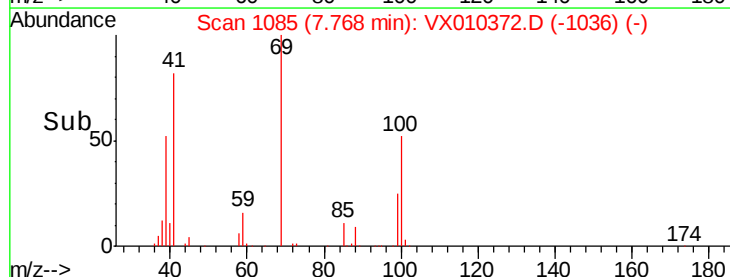
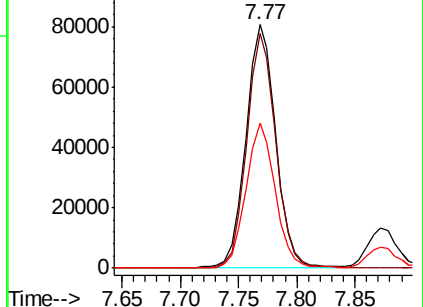
39 58.5 47.6 71.4

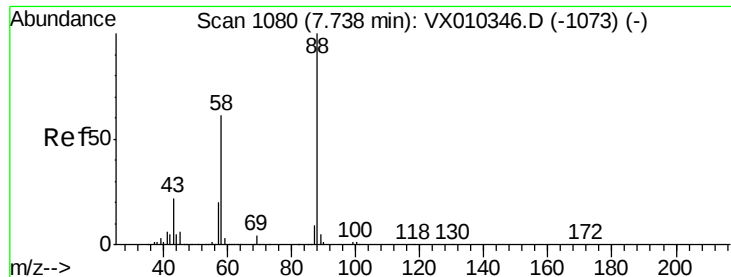


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 959.307 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

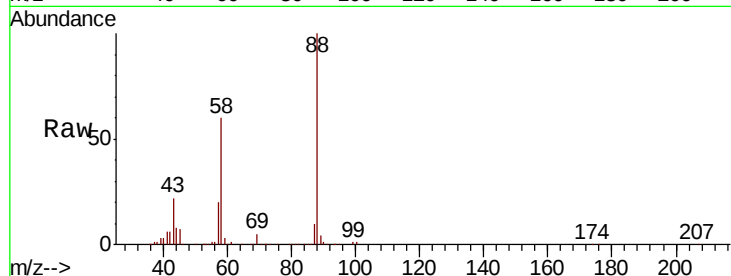
Tot Ion: 88 Resp: 76217

Ion Ratio Lower Upper

88 100

43 25.9 20.2 30.2

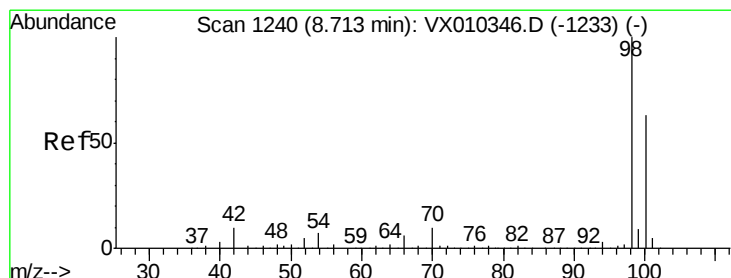
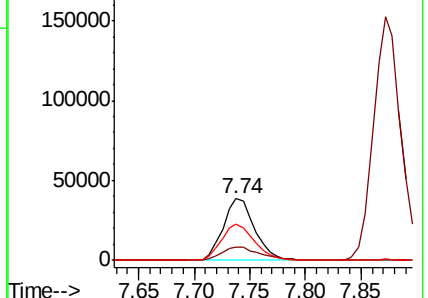
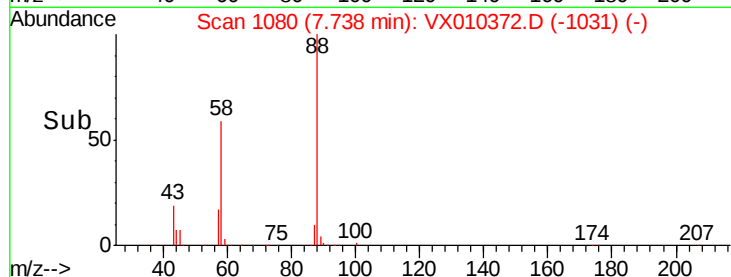
58 62.2 49.5 74.3



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: 48.051 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010372.D

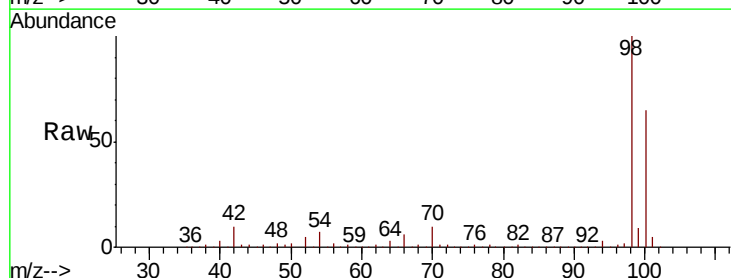
Acq: 20 Jun 2019 21:05

Tgt Ion: 98 Resp: 493422

Ion Ratio Lower Upper

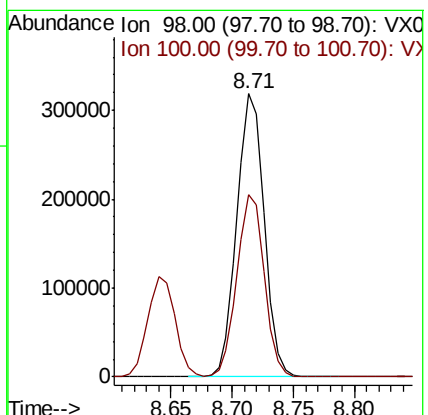
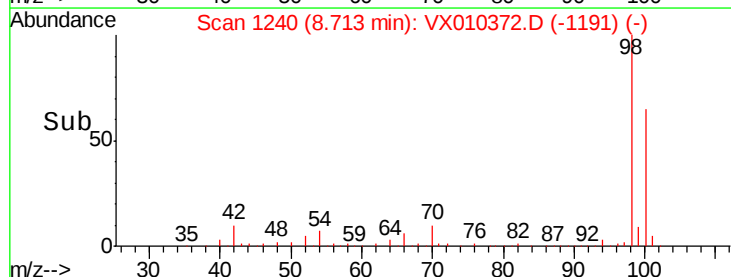
98 100

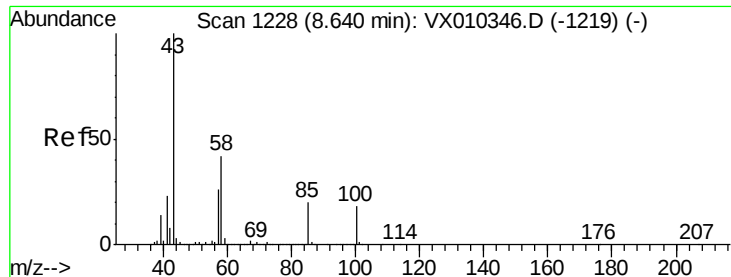
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

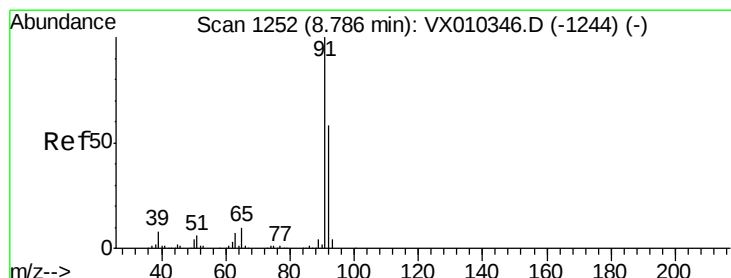
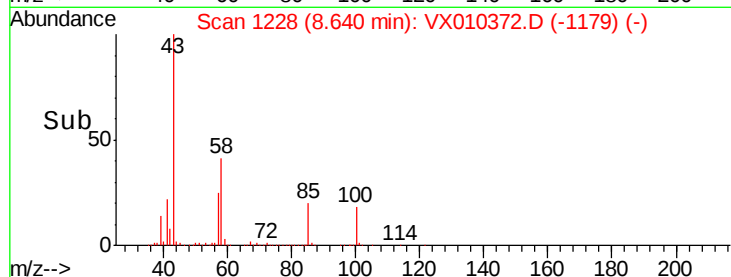
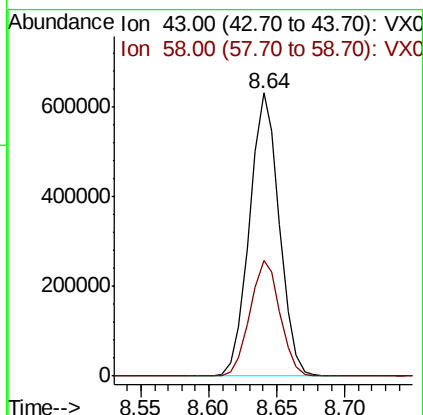
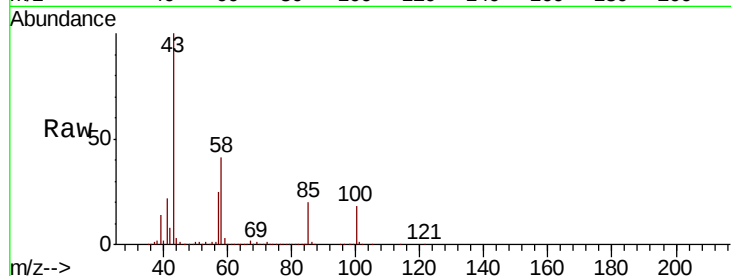




#51
 4-Methyl-2-Pentanone
 Concen: 255.105 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

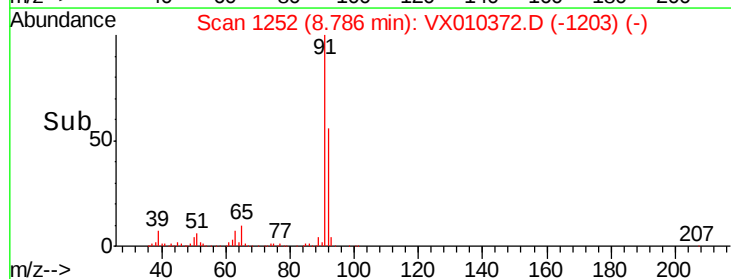
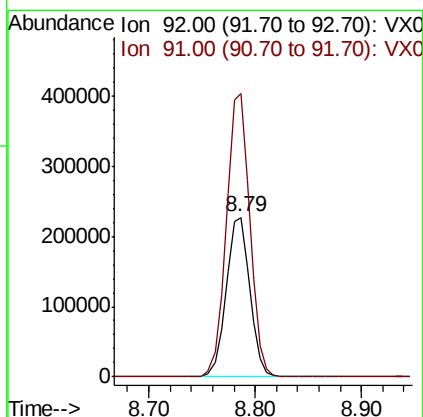
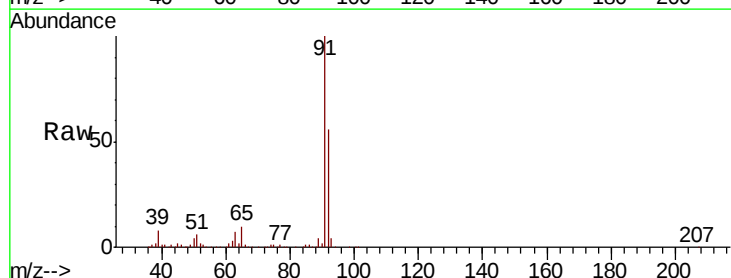
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

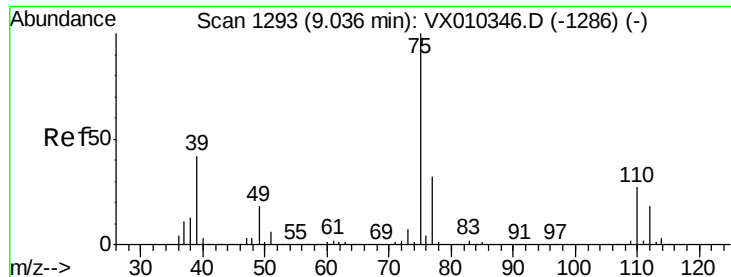
Tot Ion: 43 Resp: 968081
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.5 50.3



#52
 Toluene
 Concen: 49.379 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

Tgt Ion: 92 Resp: 353167
 Ion Ratio Lower Upper
 92 100
 91 176.6 139.8 209.6

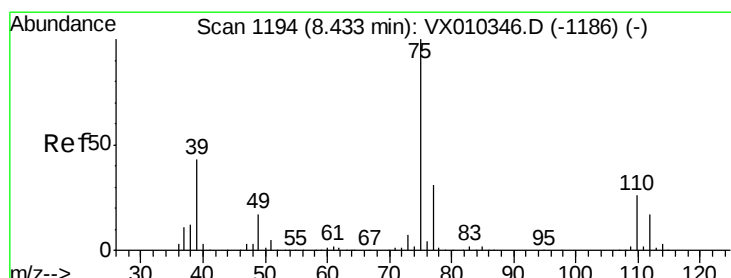
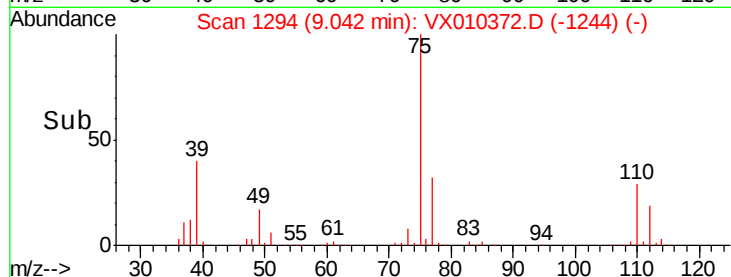
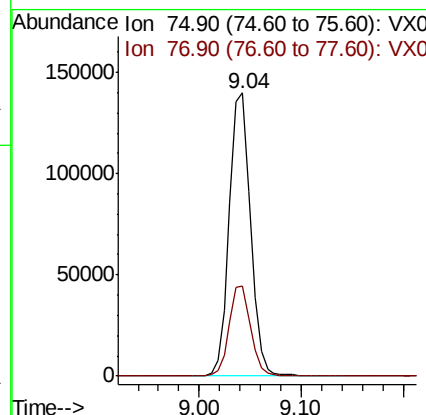
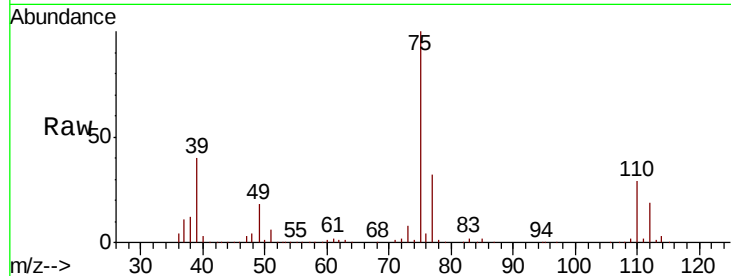




#53
 t-1,3-Dichloropropene
 Concen: 50.209 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

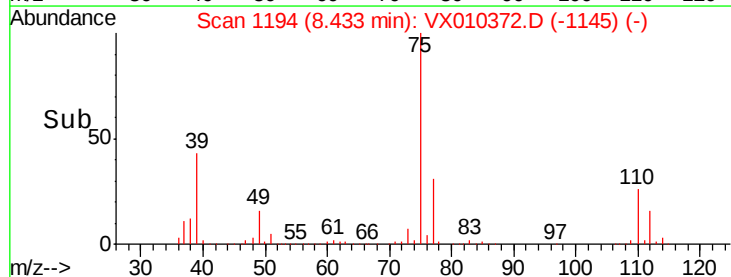
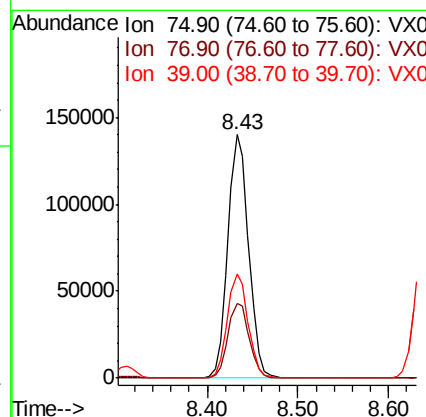
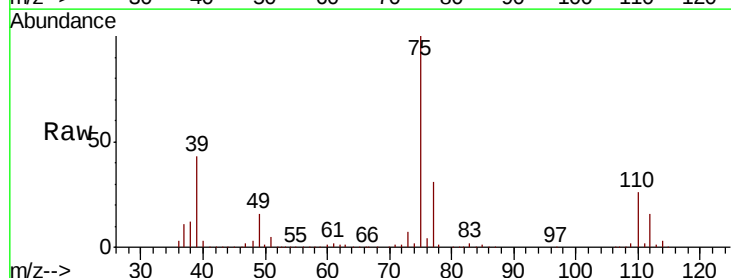
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

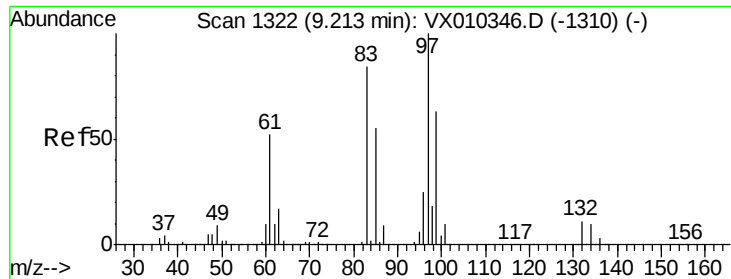
Tot Ion: 75 Resp: 202999
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 50.732 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

Tgt Ion: 75 Resp: 222898
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8
 39 42.7 34.5 51.7

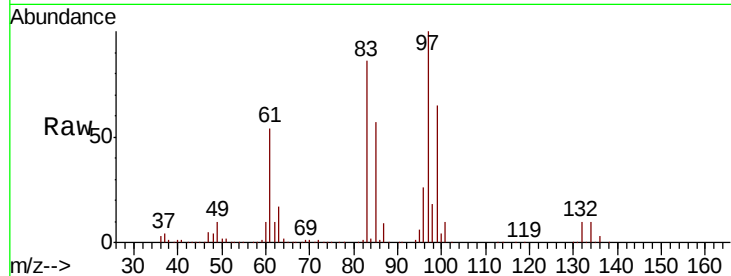




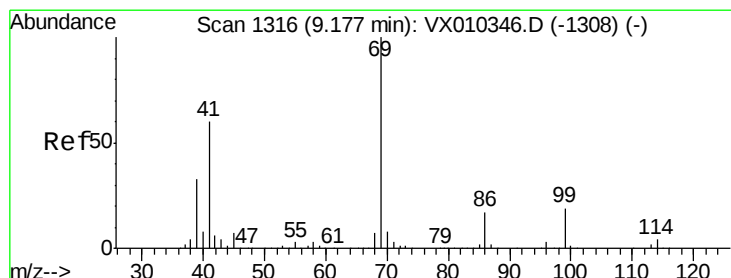
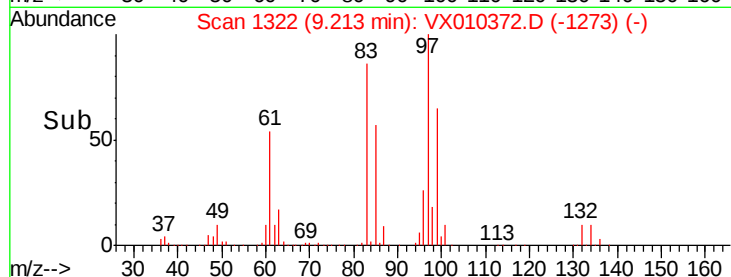
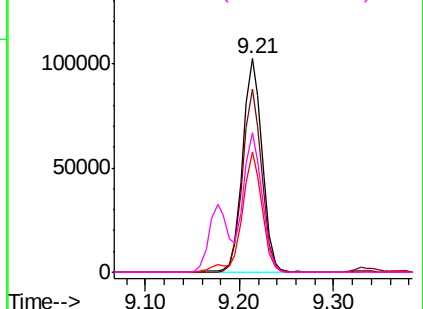
#55
 1,1,2-Trichloroethane
 Concen: 49.944 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 147321
 Ion Ratio Lower Upper
 97 100
 83 85.9 67.4 101.0
 85 56.5 43.8 65.8
 99 65.3 50.3 75.5

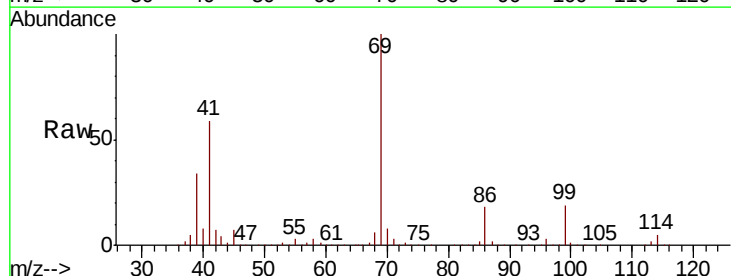


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

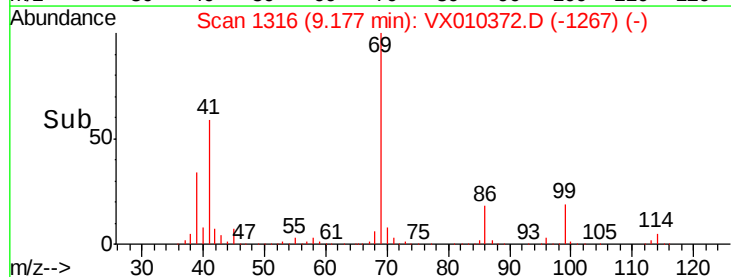
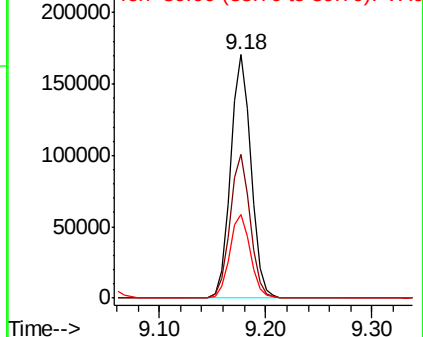


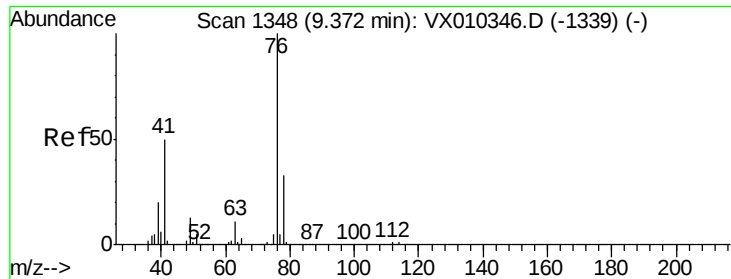
#56
 Ethyl methacrylate
 Concen: 51.442 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

Tgt Ion: 69 Resp: 229863
 Ion Ratio Lower Upper
 69 100
 41 58.3 47.1 70.7
 39 34.5 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

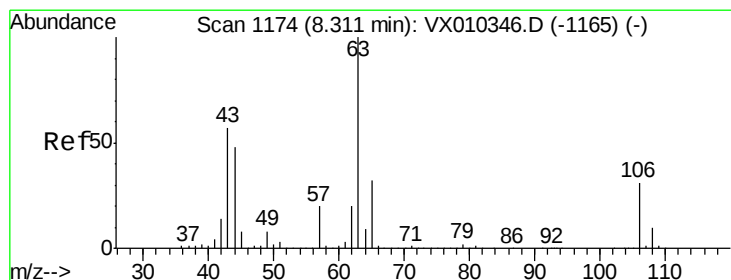
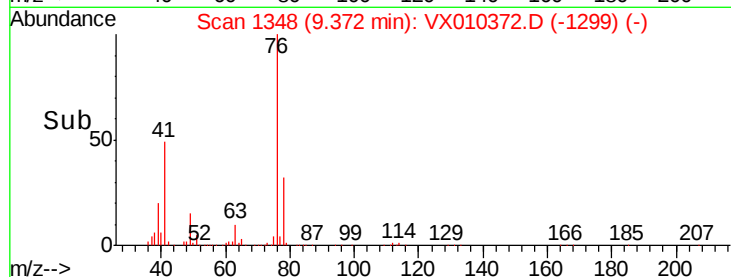
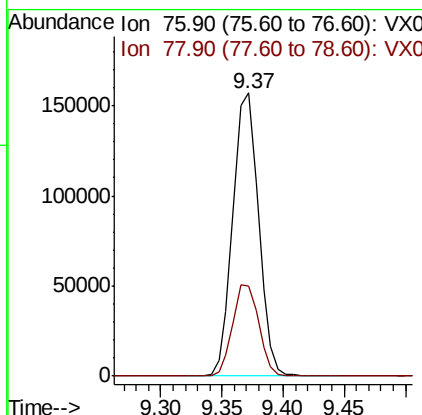
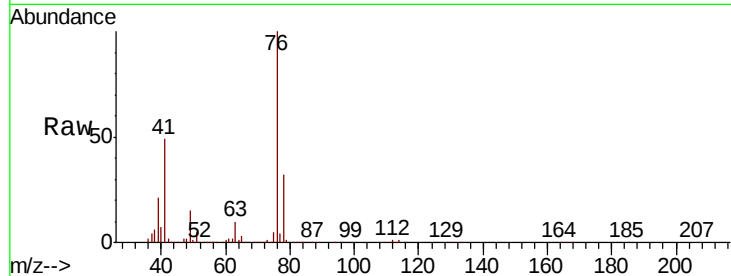




#57
 1,3-Dichloropropane
 Concen: 49.989 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

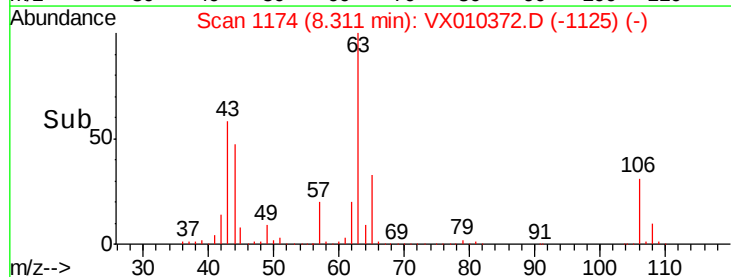
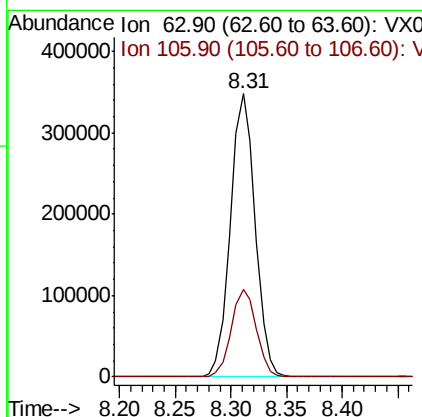
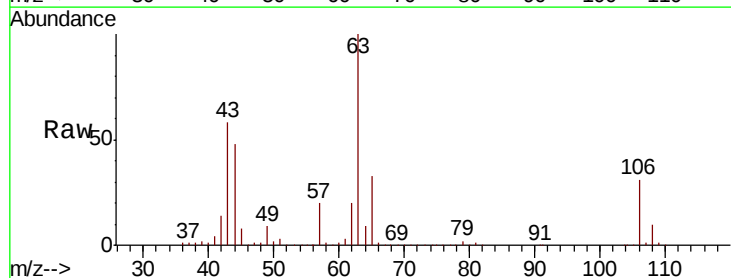
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 228893
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.902 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

Tgt Ion: 63 Resp: 534579
 Ion Ratio Lower Upper
 63 100
 106 31.3 24.7 37.1

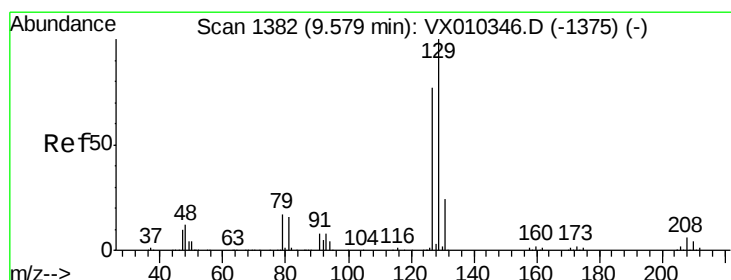
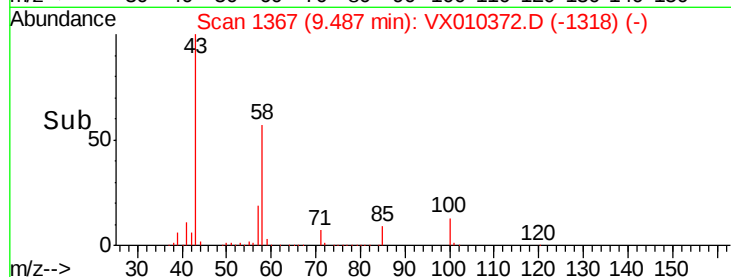
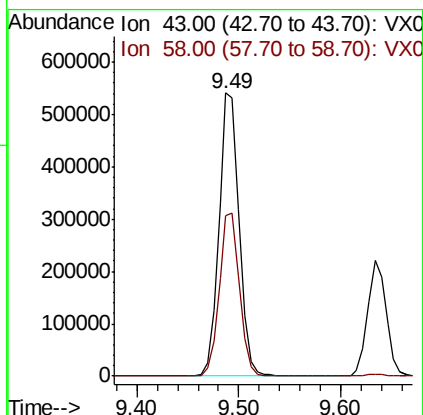
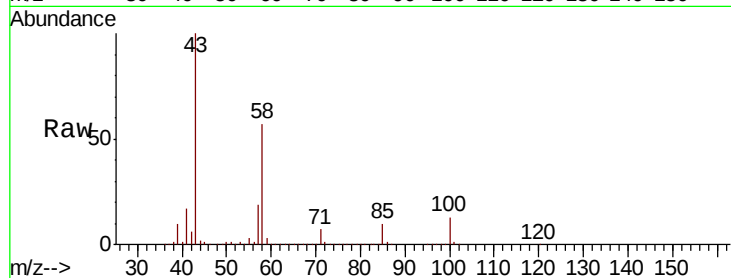




#59
2-Hexanone
Concen: 250.170 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

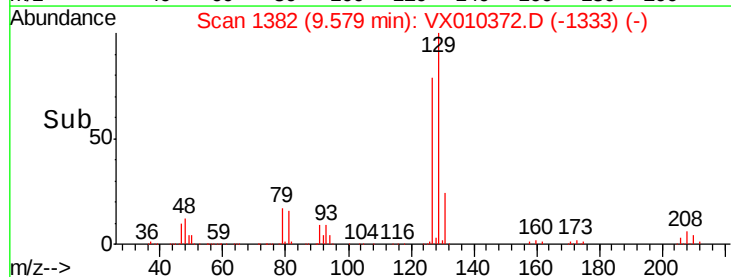
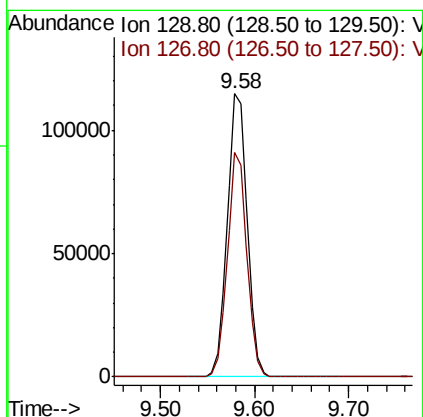
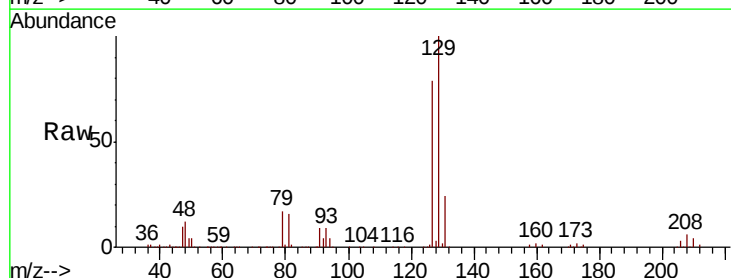
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 747176
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.1



#60
Dibromochloromethane
Concen: 51.039 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

Tgt Ion: 129 Resp: 168566
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.726 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

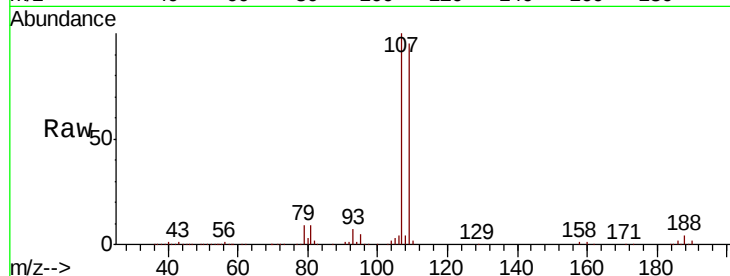
VSTDCCC050EC

Tot Ion:107 Resp: 161505

Ion Ratio Lower Upper

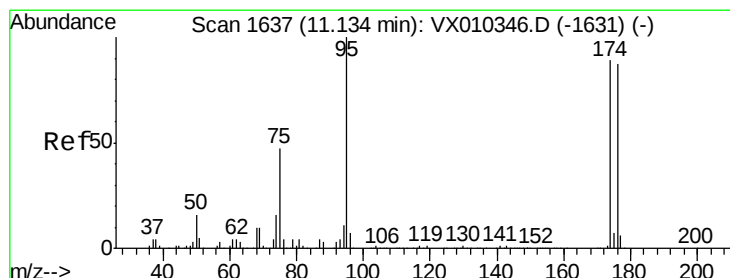
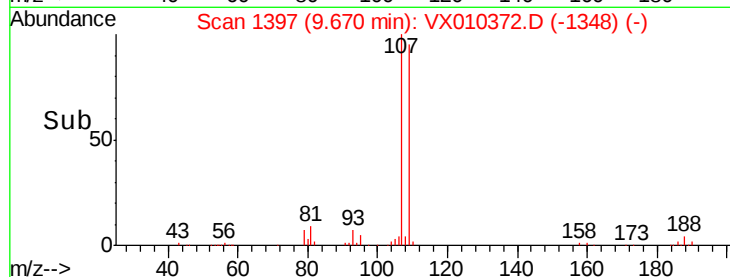
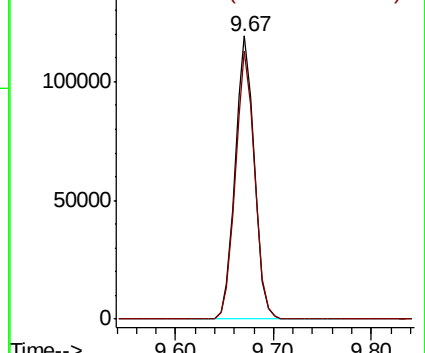
107 100

109 95.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.828 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

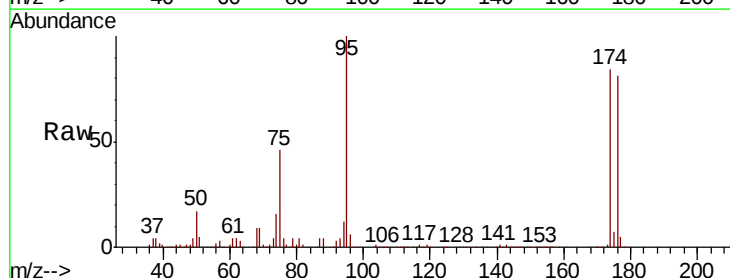
Tgt Ion: 95 Resp: 181019

Ion Ratio Lower Upper

95 100

174 91.6 0.0 187.6

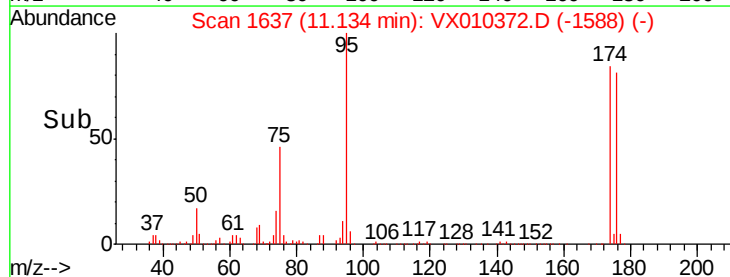
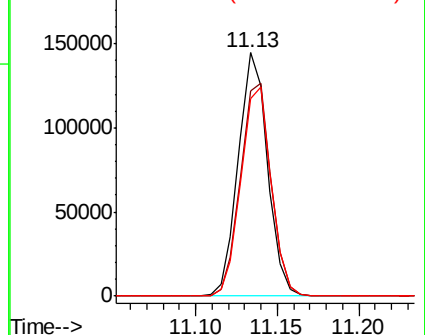
176 89.2 0.0 184.0

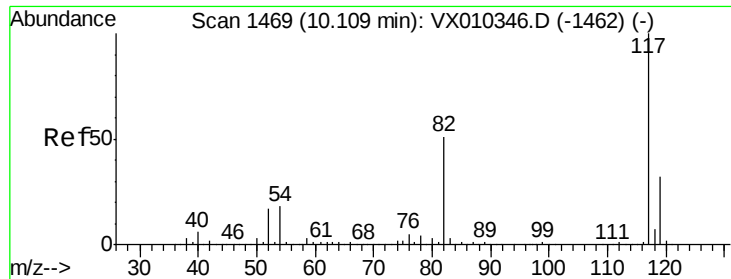


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

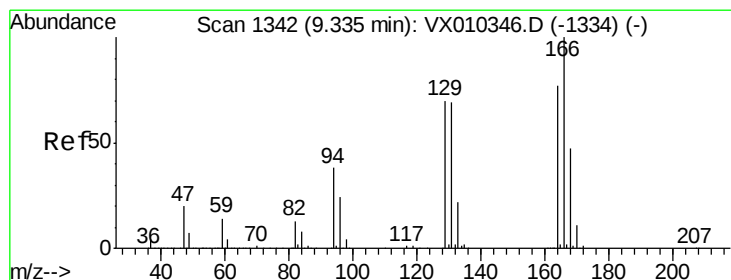
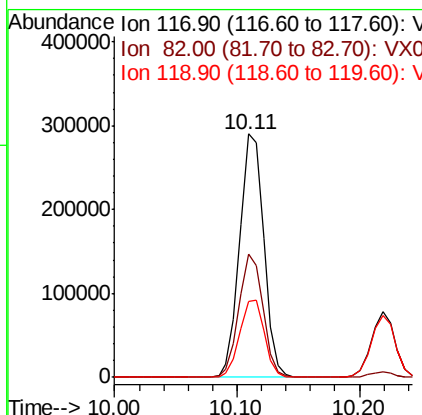
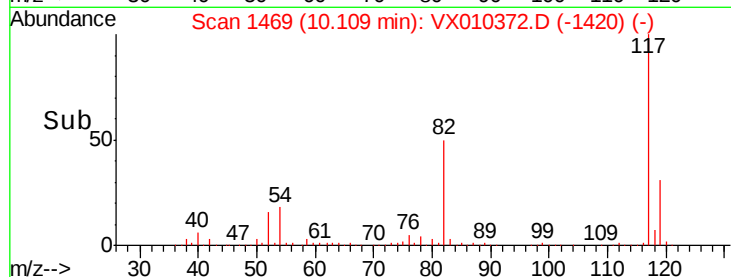
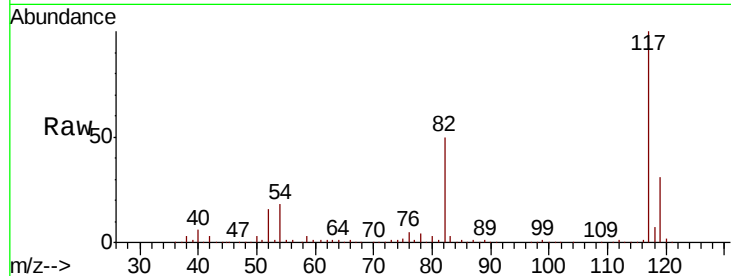




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

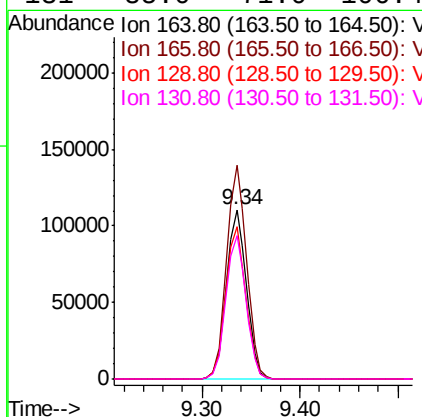
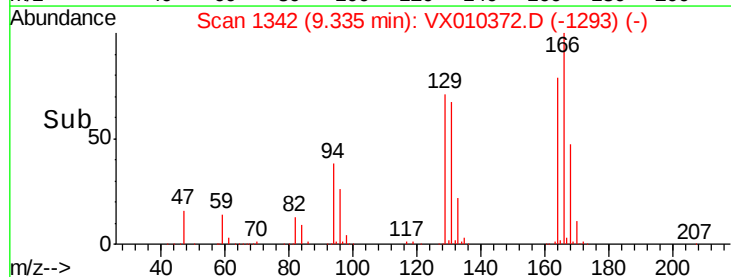
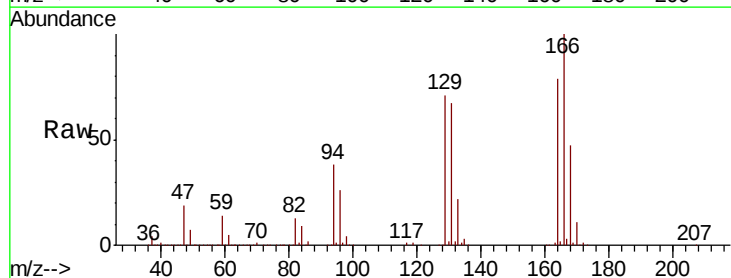
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

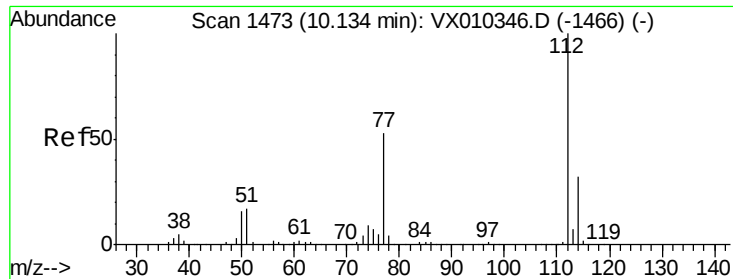
Tot Ion:117 Resp: 396952
Ion Ratio Lower Upper
117 100
82 50.5 41.2 61.8
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 48.977 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

Tgt Ion:164 Resp: 157248
Ion Ratio Lower Upper
164 100
166 126.4 103.6 155.4
129 89.8 73.0 109.4
131 85.0 71.0 106.4

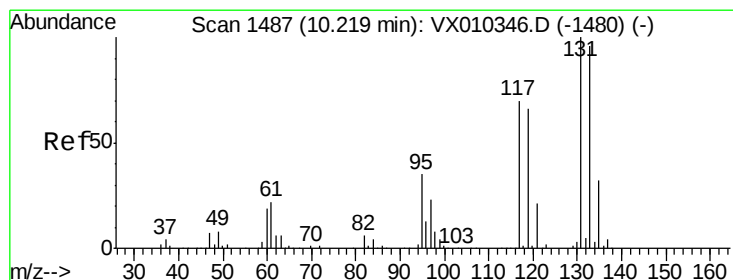
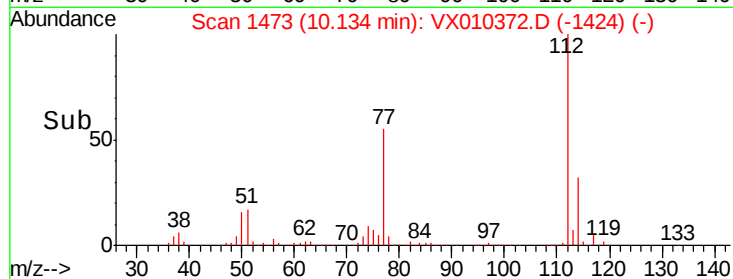
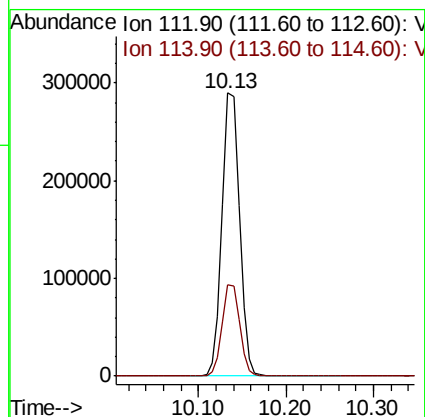
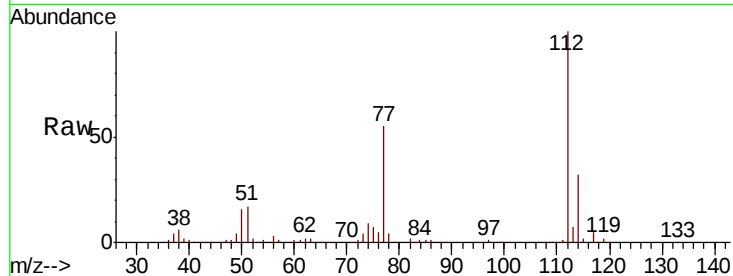




#65
Chlorobenzene
Concen: 49.871 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

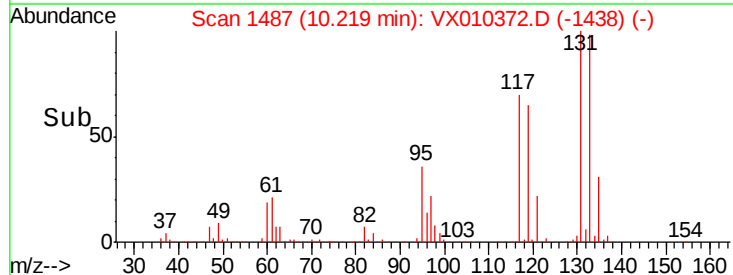
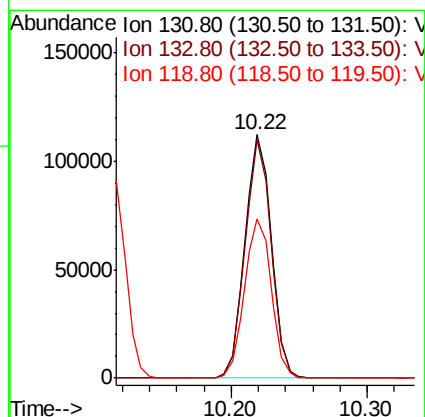
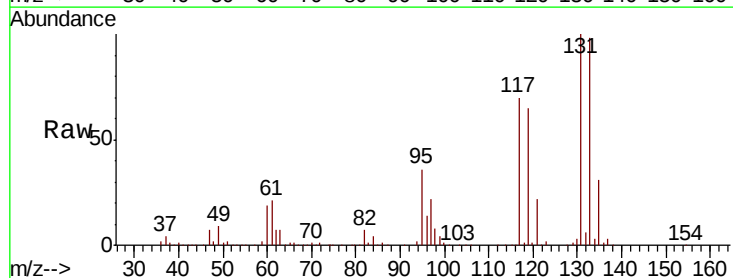
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

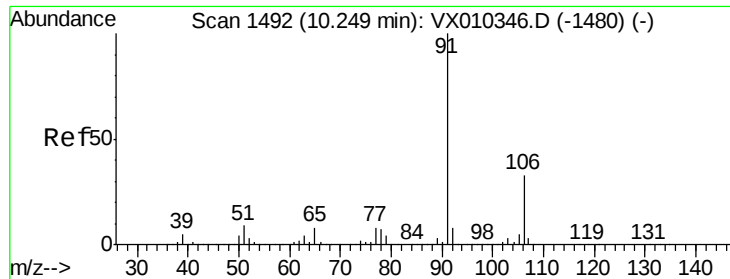
Tot Ion:112 Resp: 401901
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.978 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

Tgt Ion:131 Resp: 152579
Ion Ratio Lower Upper
131 100
133 96.5 47.7 143.1
119 66.4 32.6 97.7

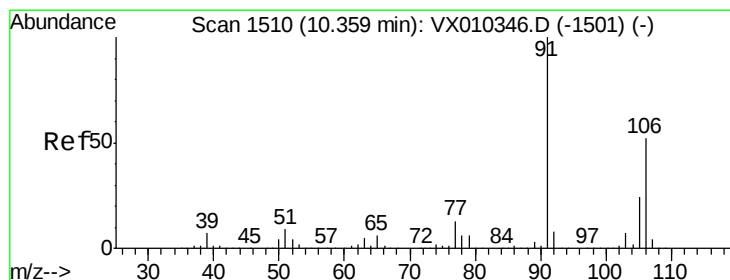
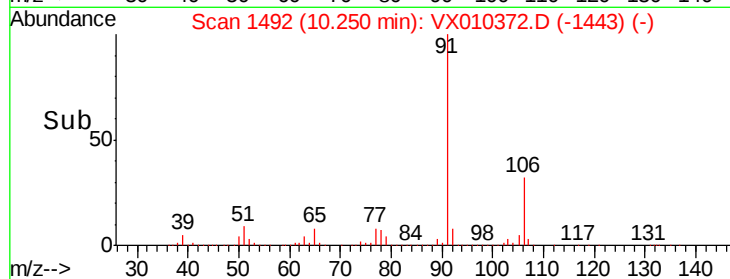
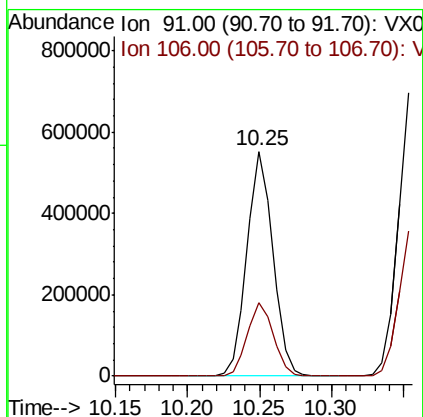
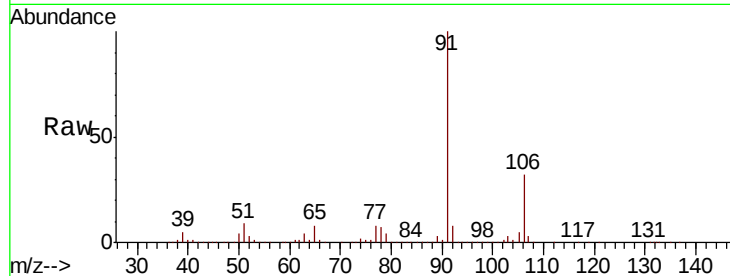




#67
Ethyl Benzene
Concen: 50.543 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

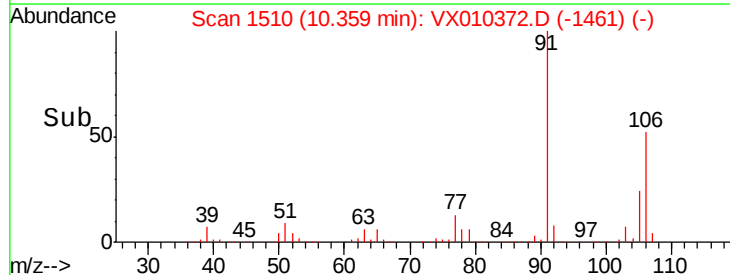
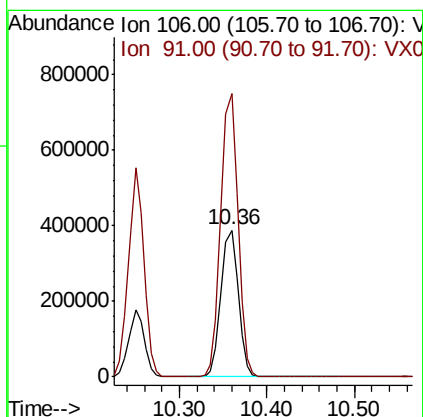
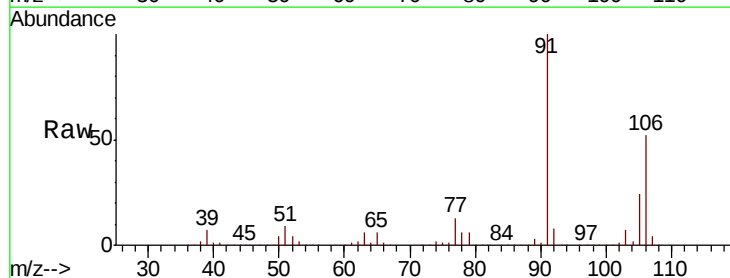
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

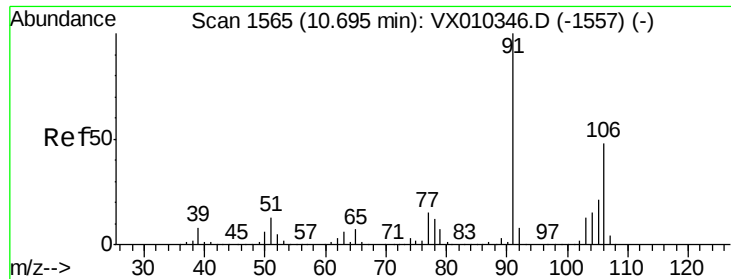
Tot Ion: 91 Resp: 687651
Ion Ratio Lower Upper
91 100
106 32.4 26.2 39.2



#68
m/p-Xylenes
Concen: 101.176 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

Tgt Ion: 106 Resp: 533364
Ion Ratio Lower Upper
106 100
91 192.6 155.3 232.9

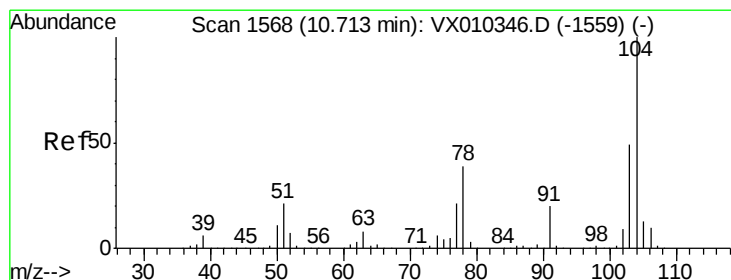
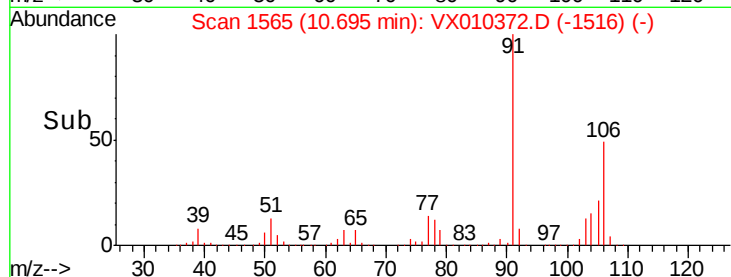
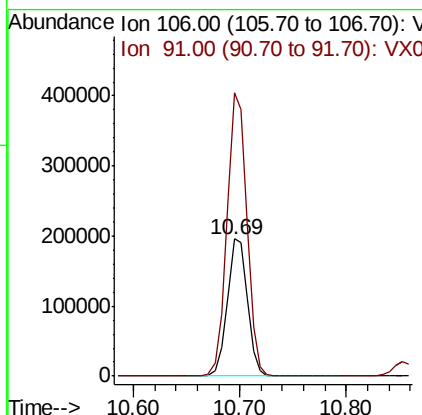
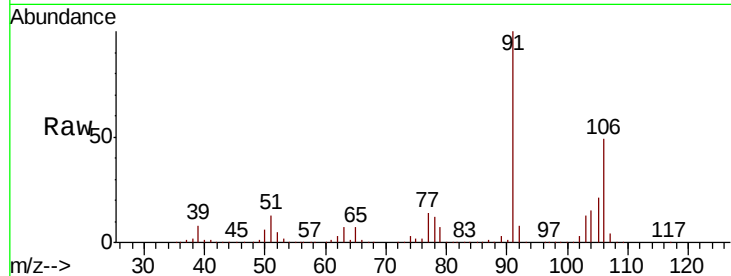




#69
o-Xylene
Concen: 50.228 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

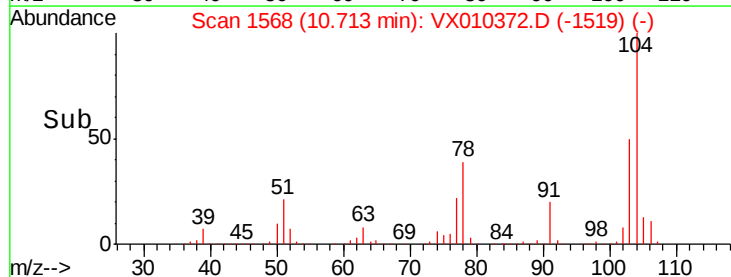
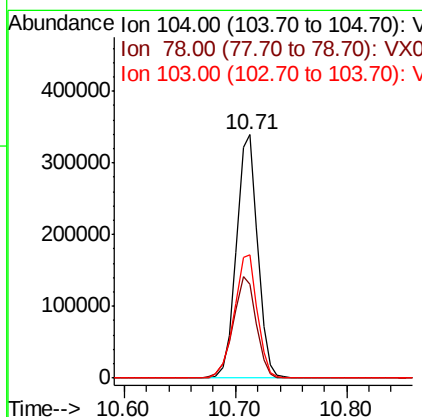
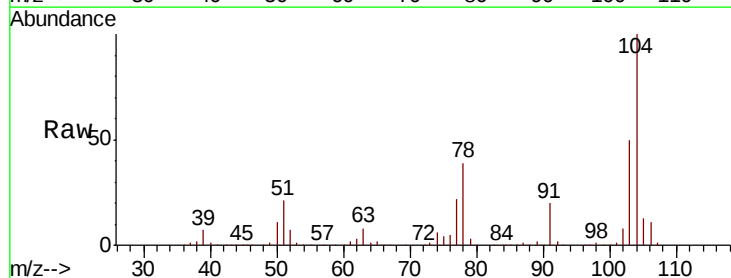
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

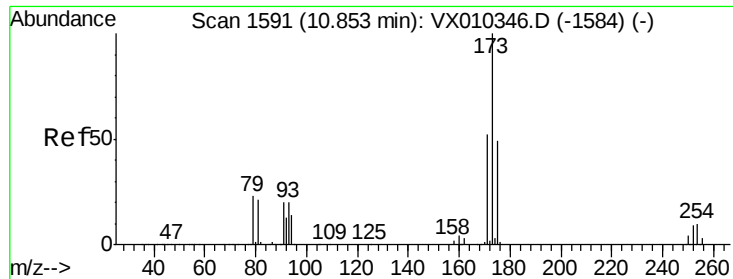
Tot Ion:106 Resp: 260391
Ion Ratio Lower Upper
106 100
91 203.9 102.7 308.1



#70
Styrene
Concen: 51.435 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

Tgt Ion:104 Resp: 447182
Ion Ratio Lower Upper
104 100
78 45.6 36.2 54.2
103 55.1 44.2 66.4





#71

Bromoform

Concen: 53.360 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

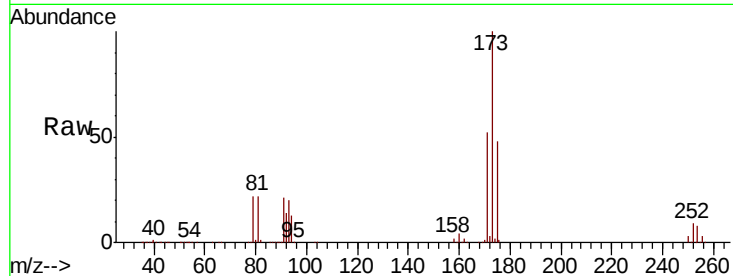
Tot Ion:173 Resp: 136214

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.3

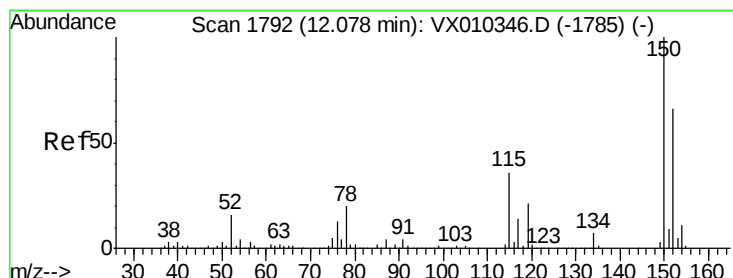
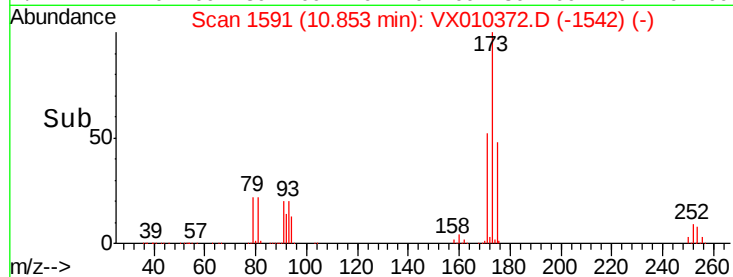
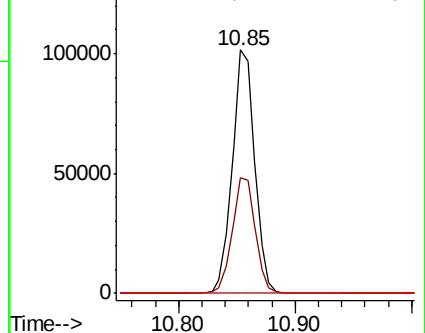
254 0.2 0.2 0.2



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: VX010372.D

Acq: 20 Jun 2019 21:05

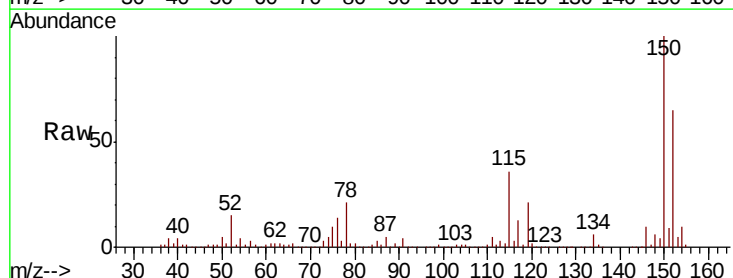
Tgt Ion:152 Resp: 201043

Ion Ratio Lower Upper

152 100

115 77.1 38.6 115.7

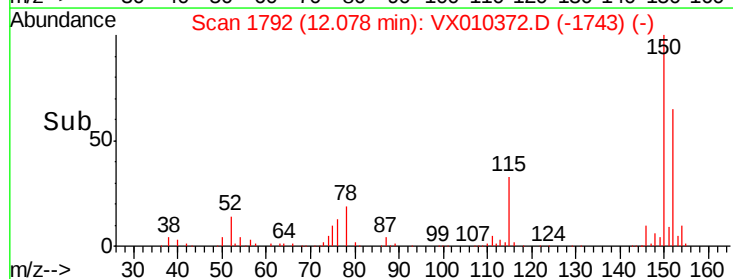
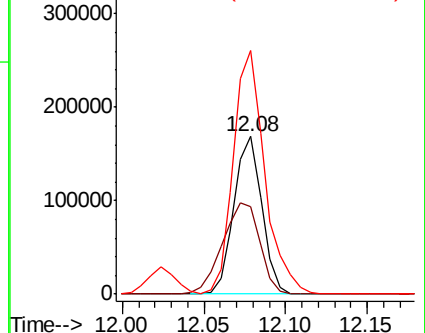
150 172.7 0.0 347.4

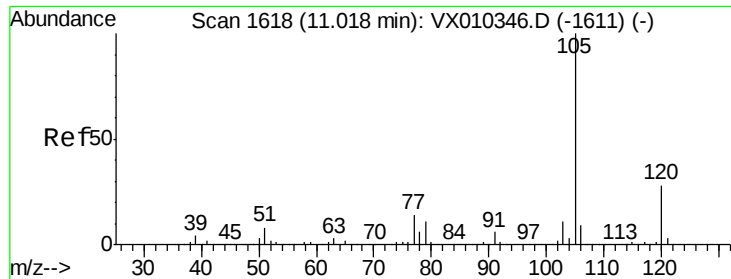


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.719 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

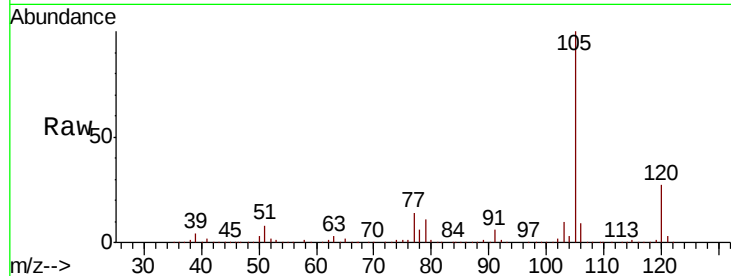
VSTDCCC050EC

Tot Ion:105 Resp: 691211

Ion Ratio Lower Upper

105 100

120 27.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

600000

500000

400000

300000

200000

100000

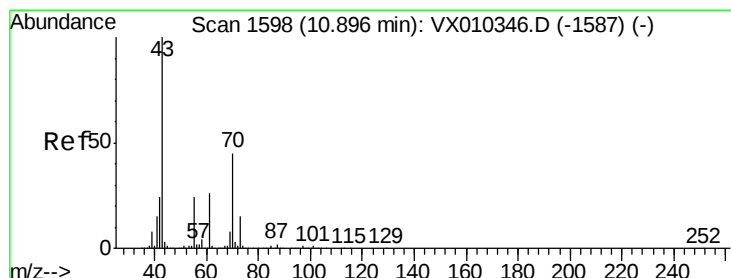
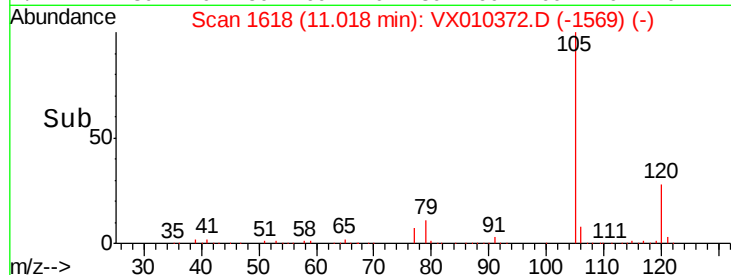
0

Time-->

10.90

11.00

11.10



#74

N-ethyl acetate

Concen: 53.192 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Tgt Ion: 43 Resp: 273961

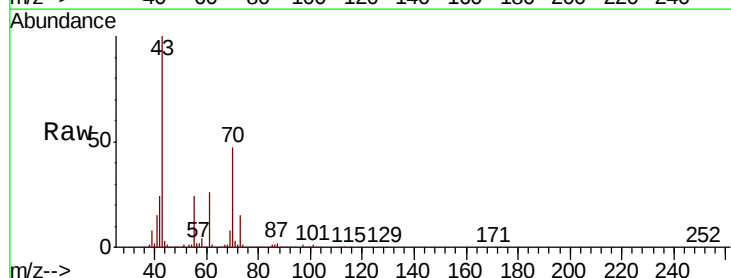
Ion Ratio Lower Upper

43 100

70 45.6 36.6 54.8

55 23.4 18.7 28.1

61 25.9 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

300000

200000

100000

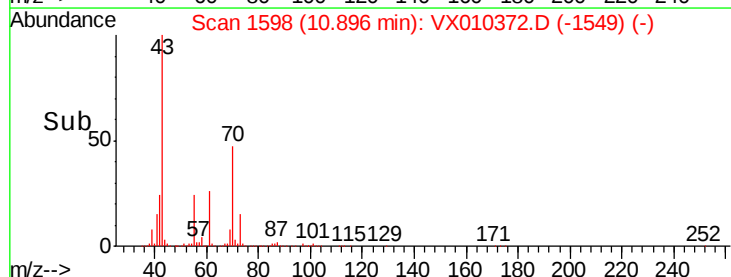
0

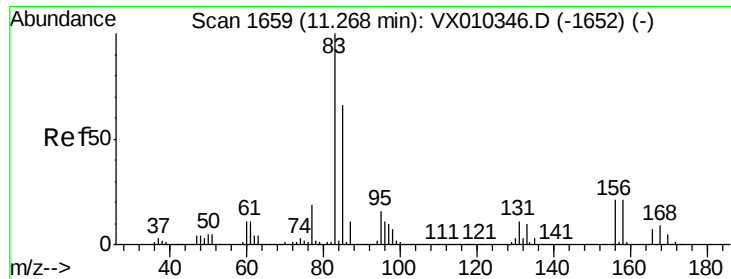
Time-->

10.80

10.90

11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 51.038 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

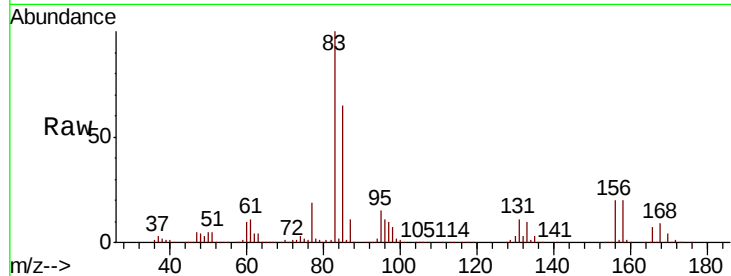
Tot Ion: 83 Resp: 230348

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

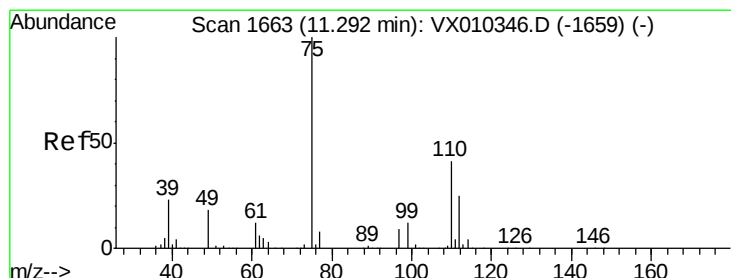
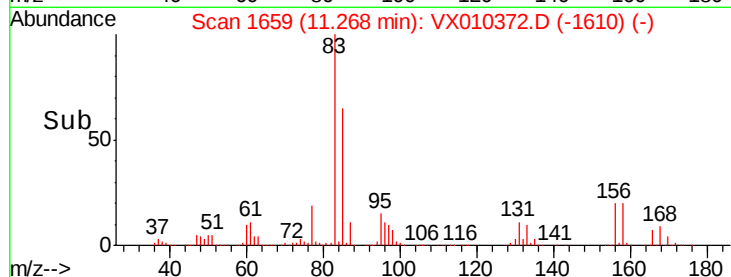
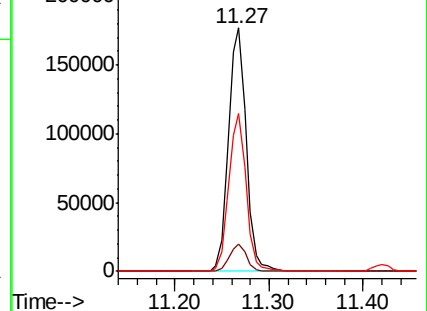
85 63.9 32.3 96.8



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: 71.146 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010372.D

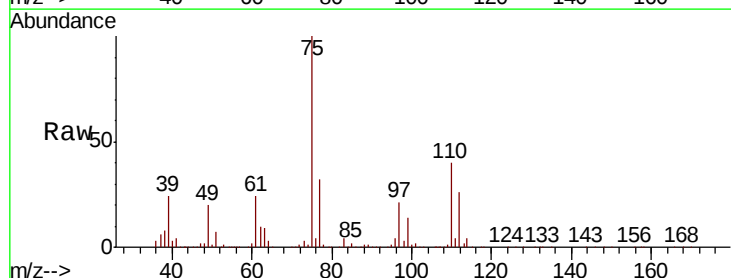
Acq: 20 Jun 2019 21:05

Tgt Ion: 75 Resp: 260645

Ion Ratio Lower Upper

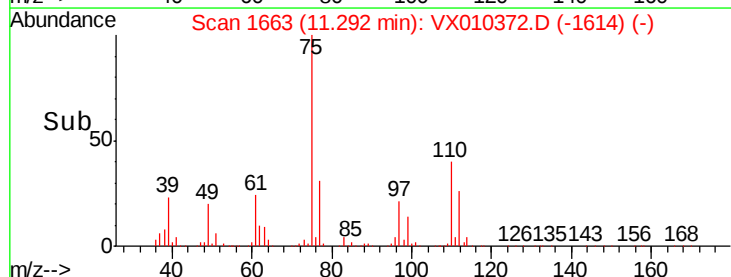
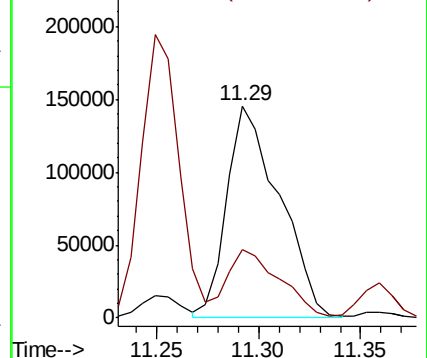
75 100

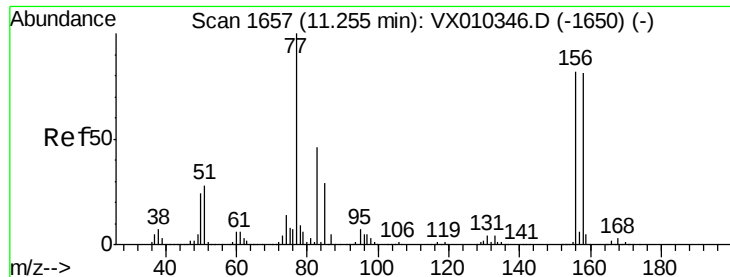
77 32.2 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.848 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

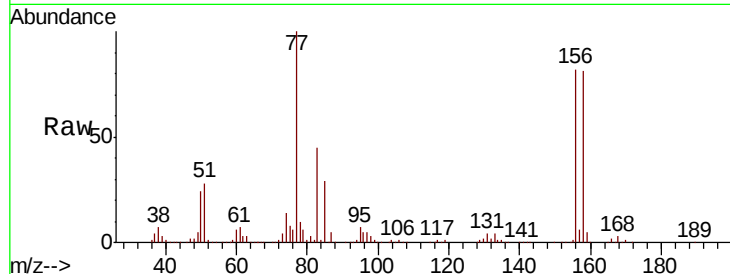
Tot Ion:156 Resp: 189690

Ion Ratio Lower Upper

156 100

77 131.8 66.3 198.7

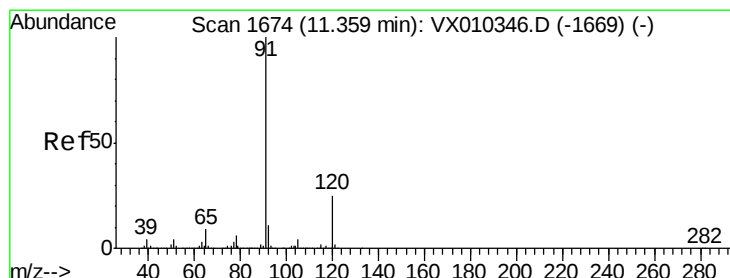
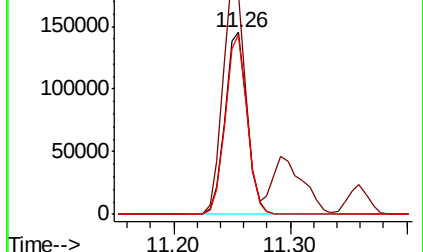
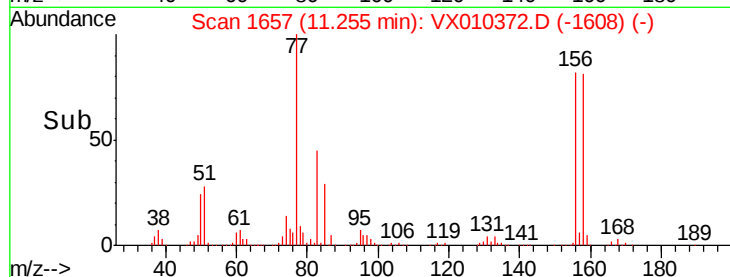
158 97.3 48.9 146.7



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: 51.349 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010372.D

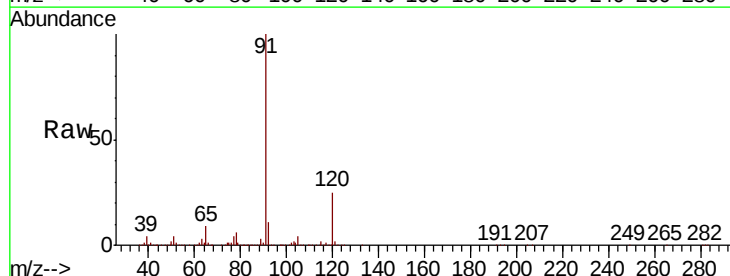
Acq: 20 Jun 2019 21:05

Tgt Ion: 91 Resp: 769100

Ion Ratio Lower Upper

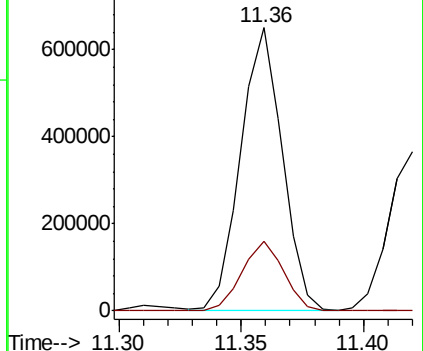
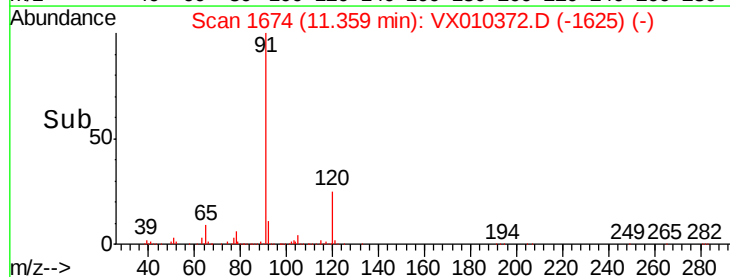
91 100

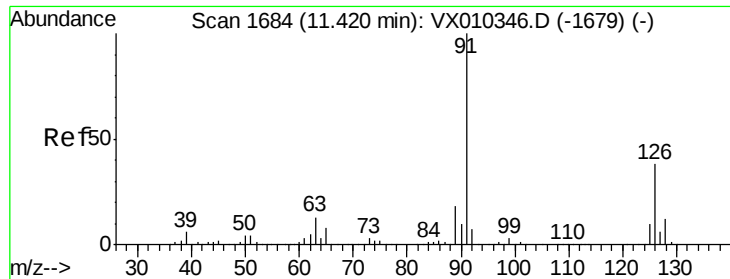
120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

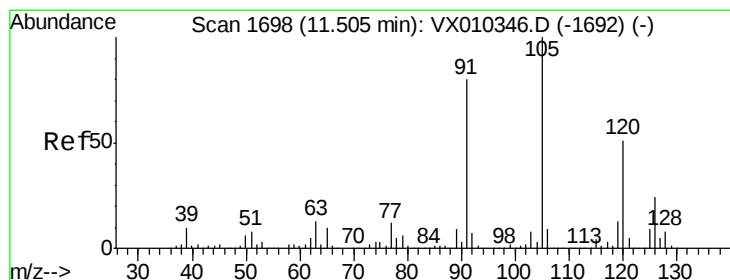
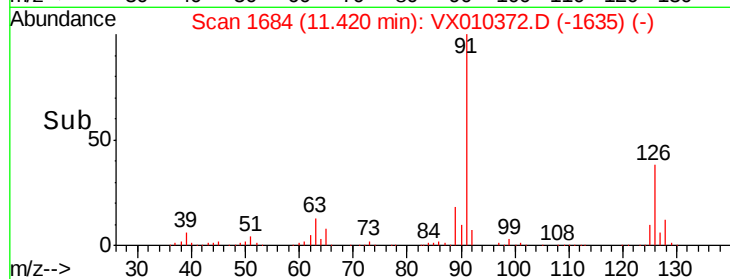
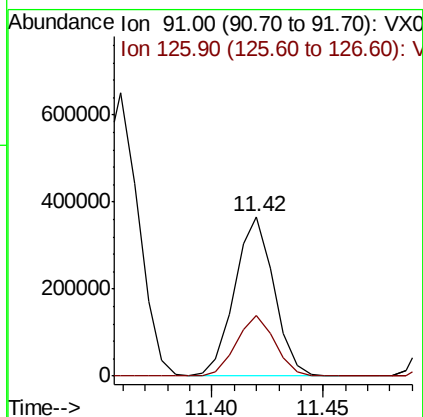
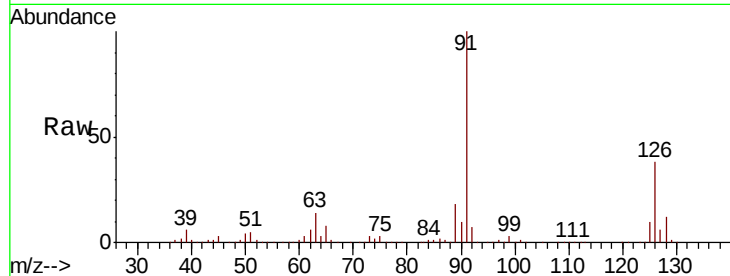




#79
 2-Chlorotoluene
 Concen: 50.176 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

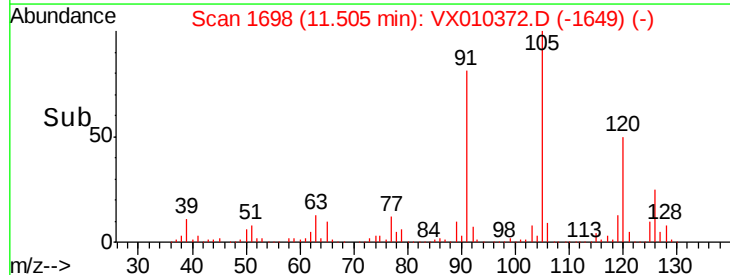
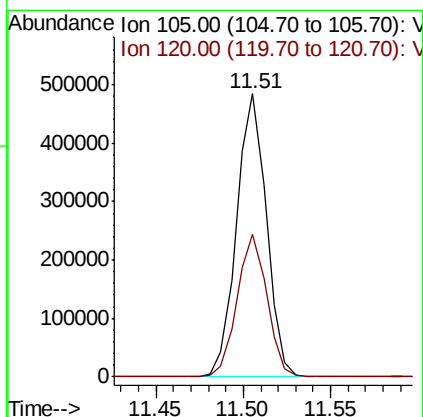
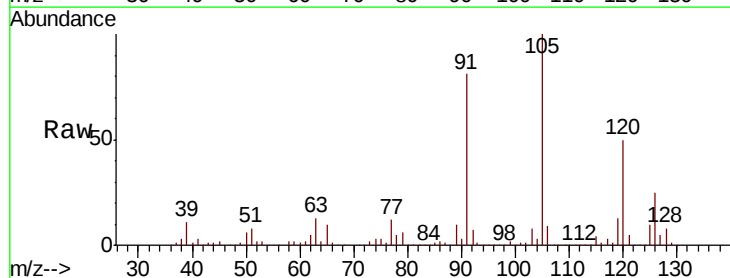
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

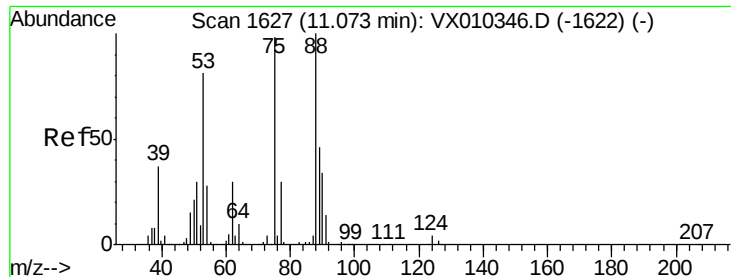
Tot Ion: 91 Resp: 447522
 Ion Ratio Lower Upper
 91 100
 126 37.4 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 50.988 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

Tgt Ion: 105 Resp: 572841
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.2 75.6

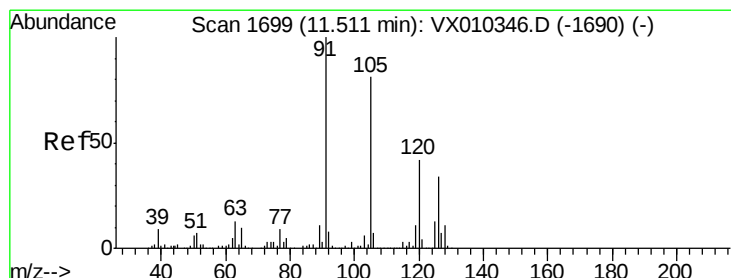
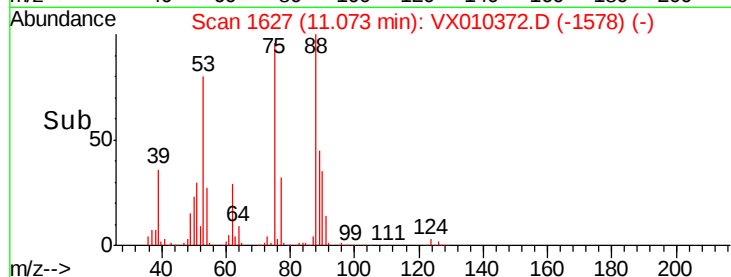
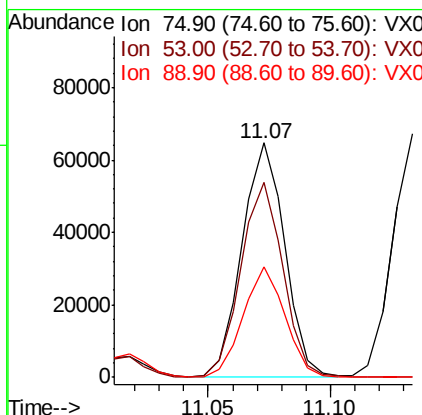
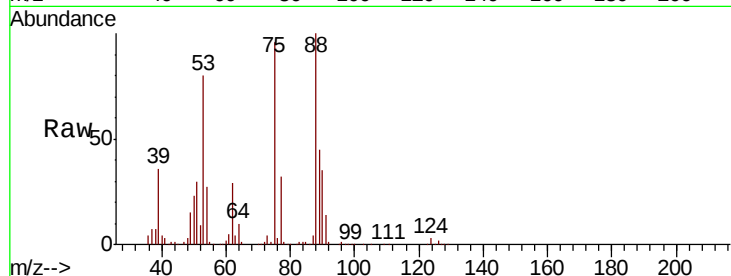




#81
trans-1,4-Dichloro-2-butene
Concen: 49.974 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

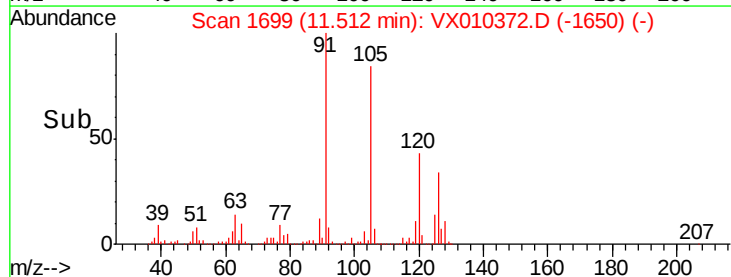
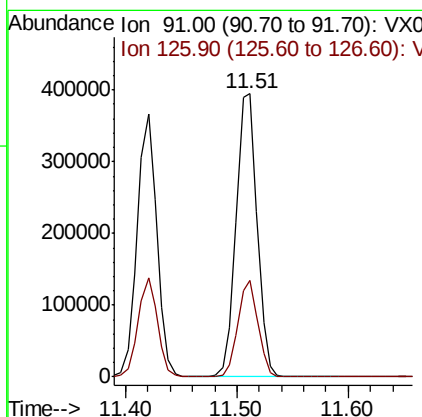
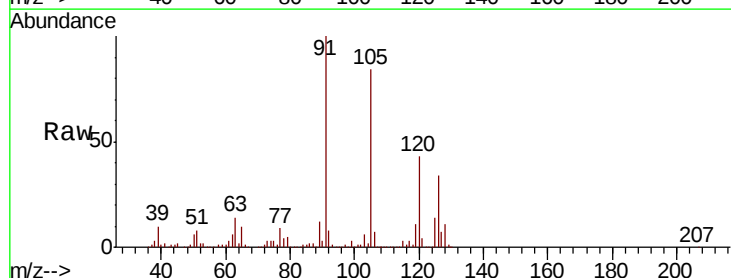
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 78478
Ion Ratio Lower Upper
75 100
53 82.3 66.1 99.1
89 46.7 37.8 56.6



#82
4-Chlorotoluene
Concen: 50.910 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

Tgt Ion: 91 Resp: 516683
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

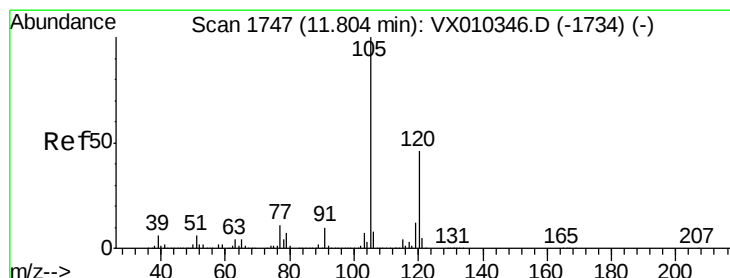
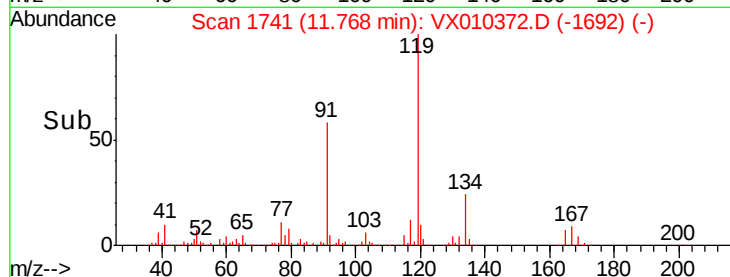
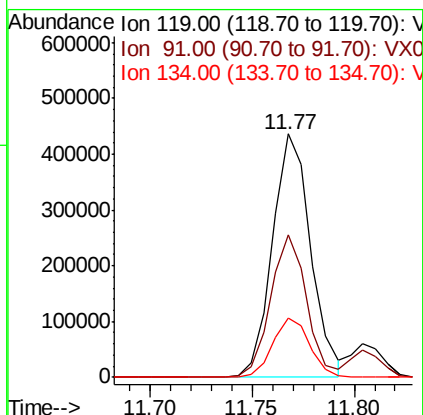
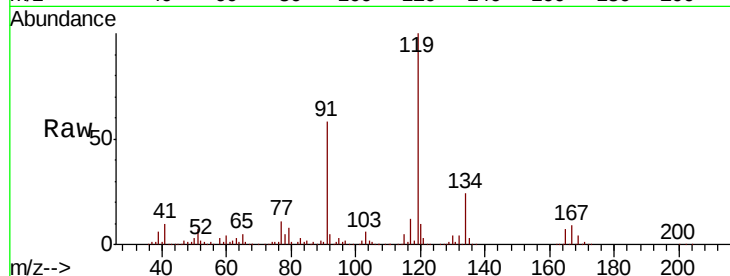




#83
tert-Butylbenzene
Concen: 50.553 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

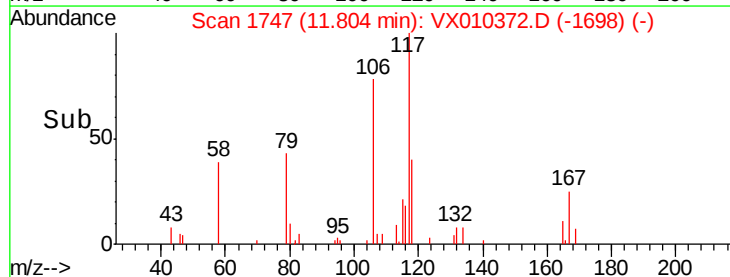
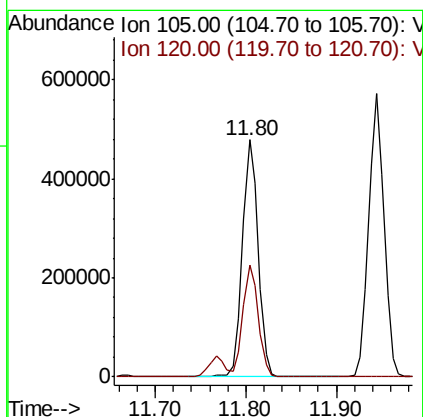
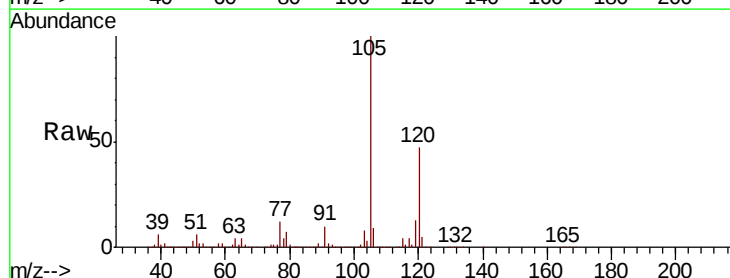
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 570053
Ion Ratio Lower Upper
119 100
91 55.2 27.6 82.7
134 23.7 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 51.095 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

Tgt Ion:105 Resp: 576737
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 50.780 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

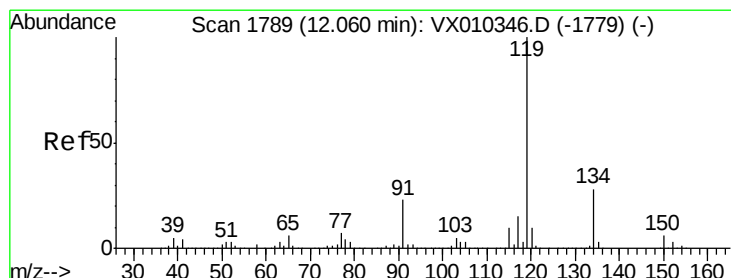
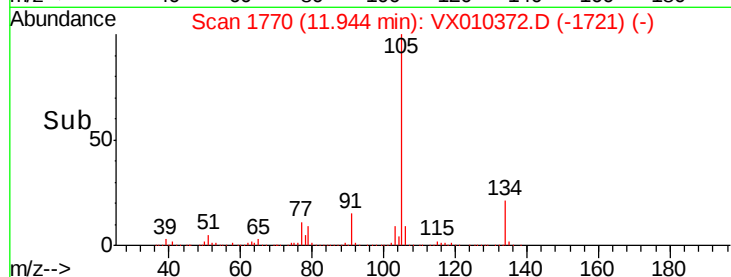
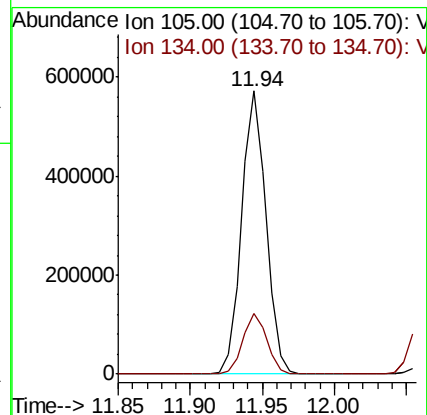
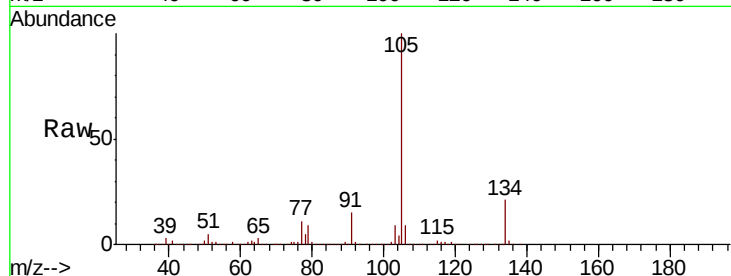
VSTDCCC050EC

Tot Ion:105 Resp: 672320

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9



#86

p-Isopropyltoluene

Concen: 50.767 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

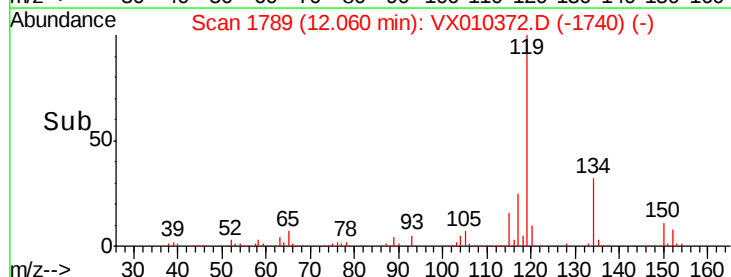
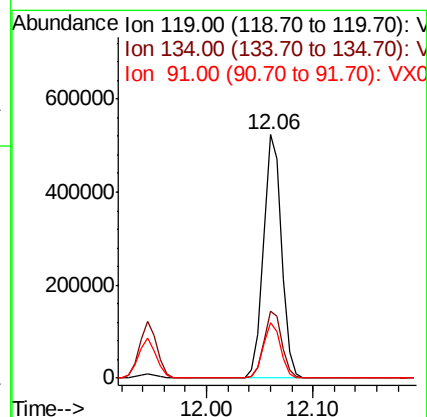
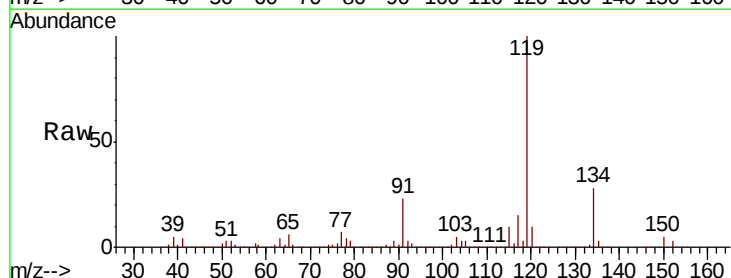
Tgt Ion:119 Resp: 621712

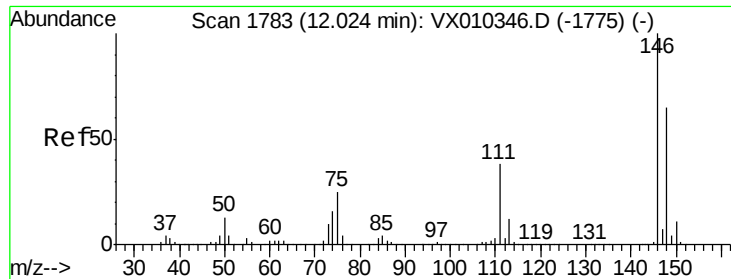
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 22.1 11.3 33.8

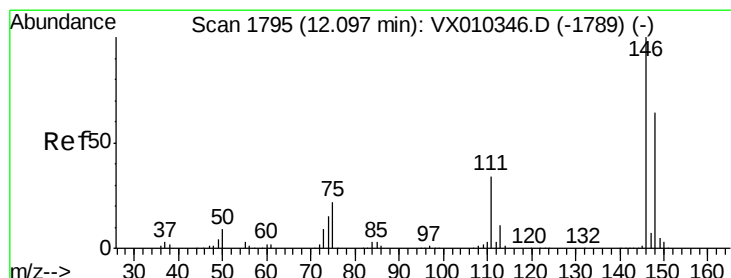
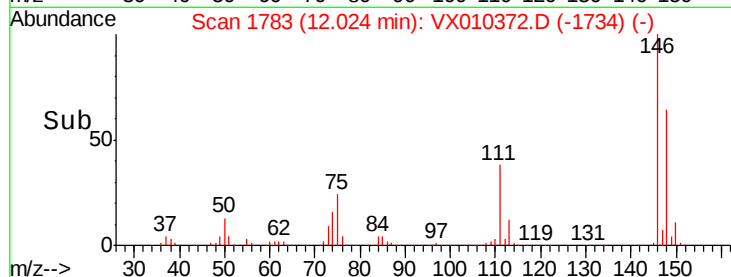
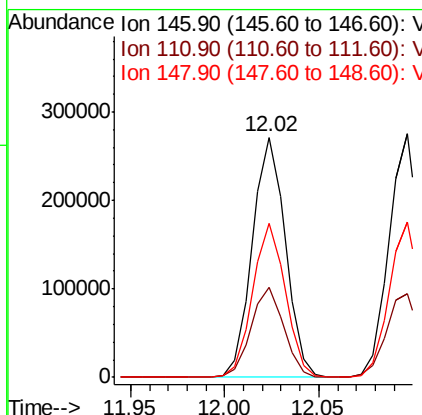
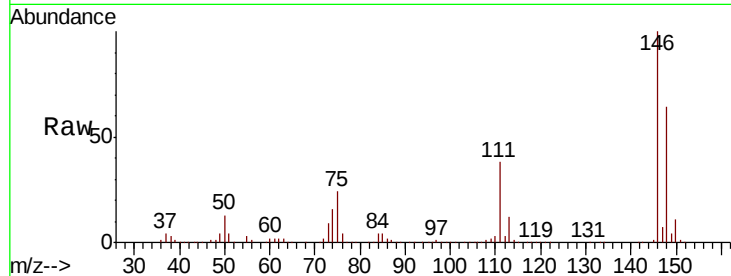




#87
 1,3-Dichlorobenzene
 Concen: 49.834 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

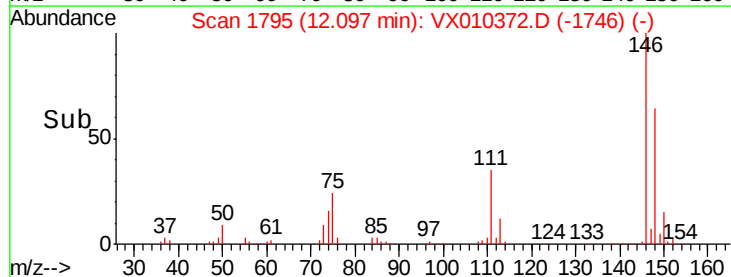
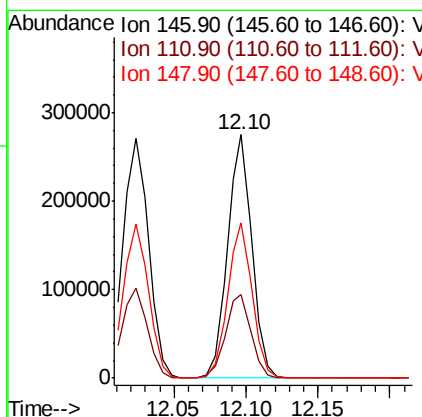
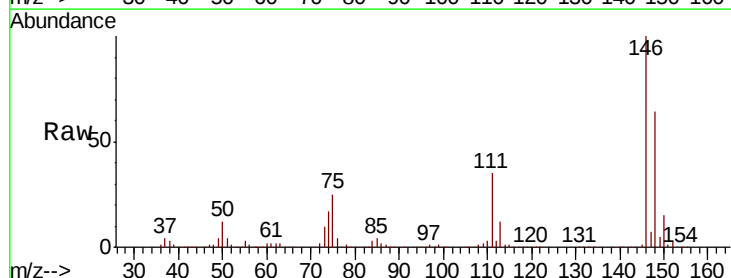
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

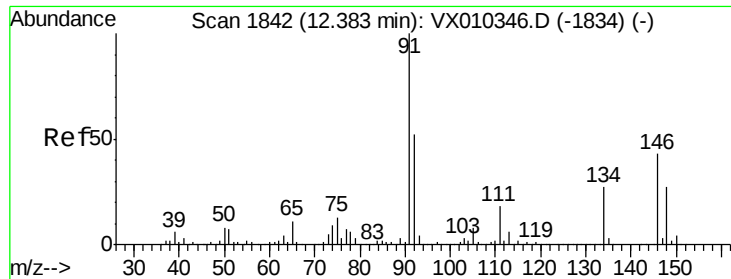
Tot Ion:146 Resp: 331027
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.1 57.1
 148 63.5 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 48.401 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

Tgt Ion:146 Resp: 327307
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.1 54.3
 148 63.9 32.1 96.3

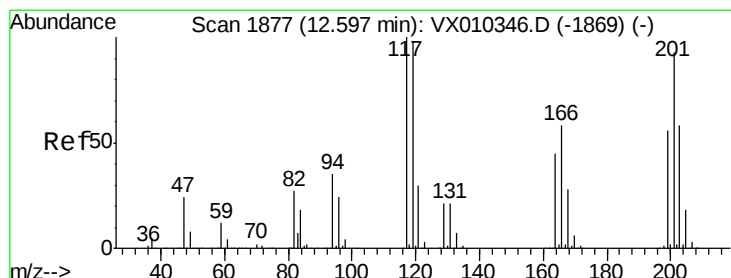
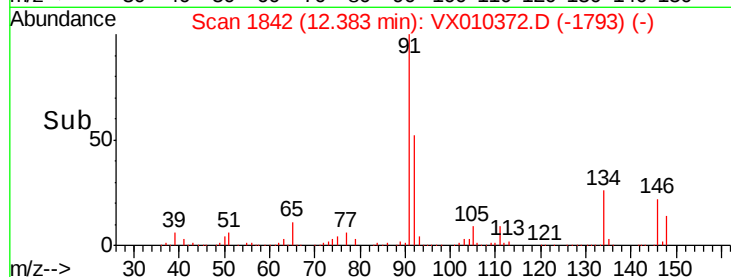
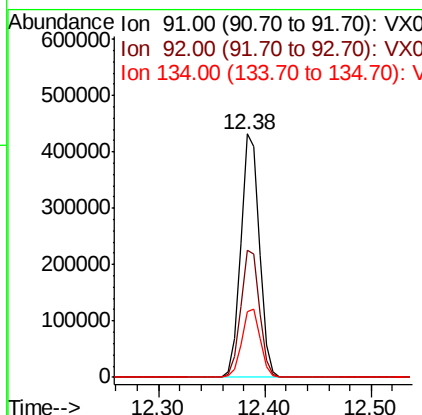
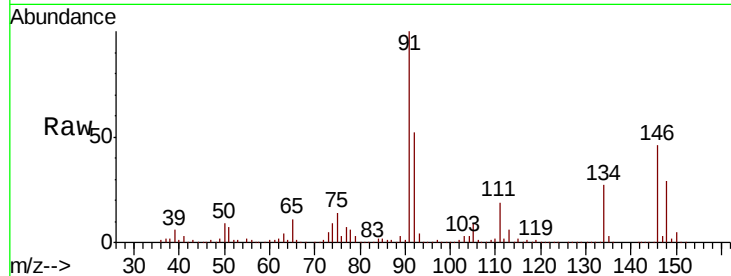




#89
n-Butylbenzene
Concen: 50.838 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

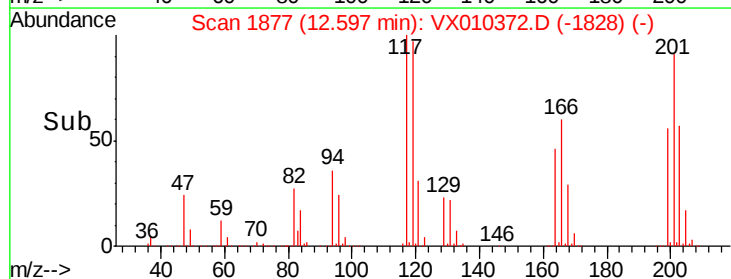
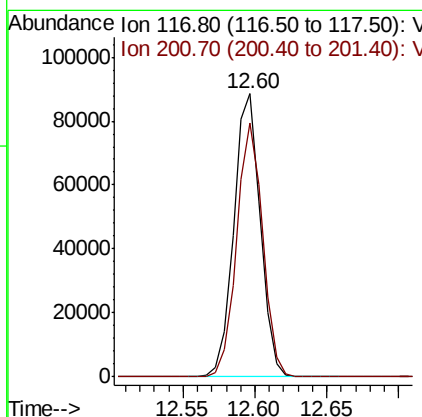
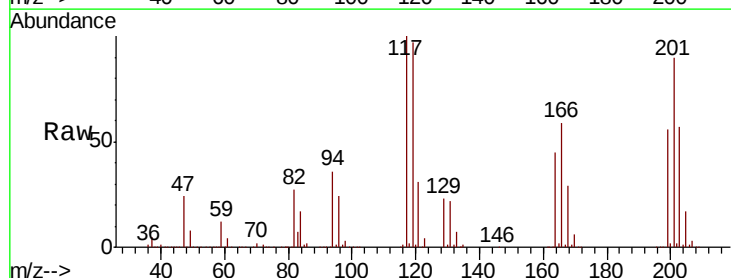
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 529043
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 28.1 14.1 42.4



#90
Hexachloroethane
Concen: 53.804 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

Tgt Ion: 117 Resp: 113933
Ion Ratio Lower Upper
117 100
201 87.4 44.0 131.8





#91

1,2-Dichlorobenzene

Concen: 49.108 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

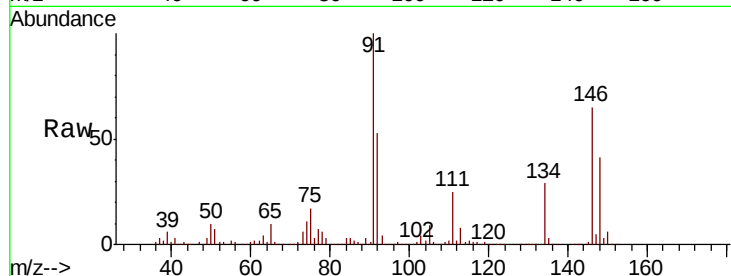
Tot Ion:146 Resp: 324202

Ion Ratio Lower Upper

146 100

111 38.8 19.2 57.6

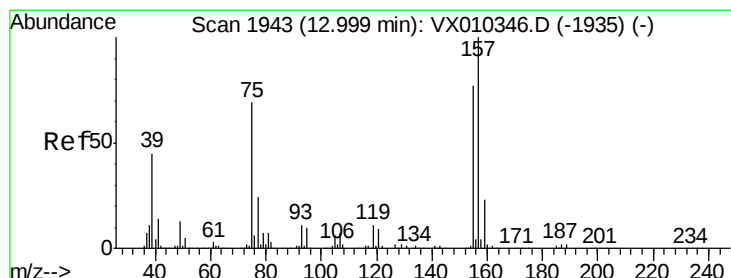
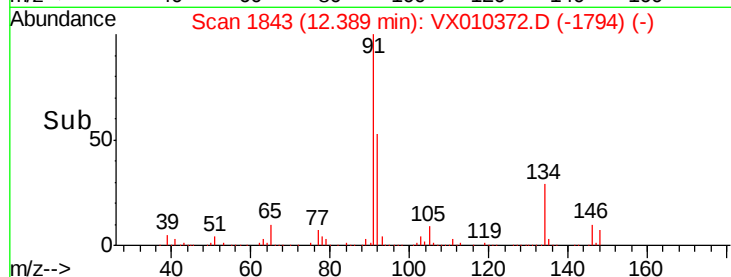
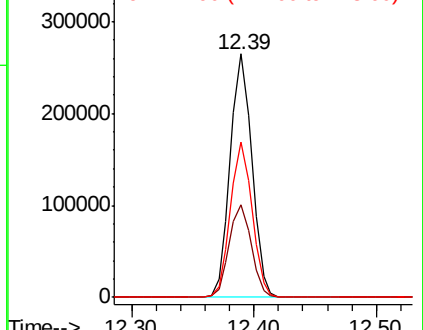
148 63.4 32.0 96.0



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: 50.591 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010372.D

Acq: 20 Jun 2019 21:05

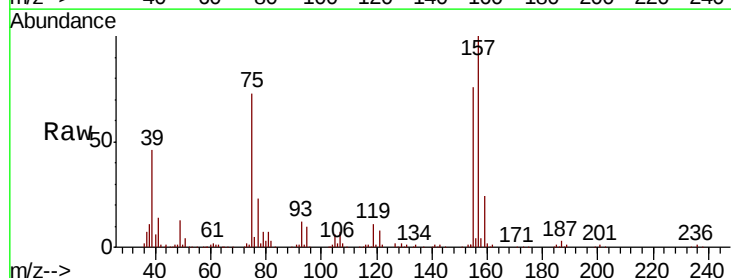
Tgt Ion: 75 Resp: 49230

Ion Ratio Lower Upper

75 100

155 104.0 54.4 163.1

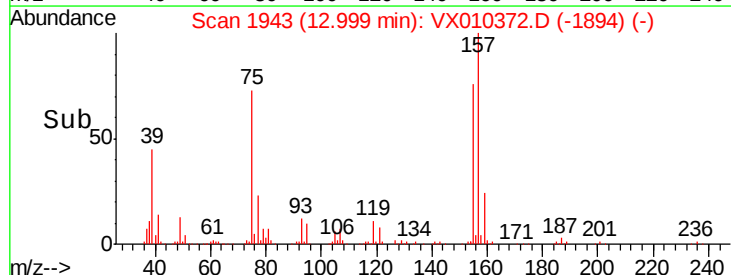
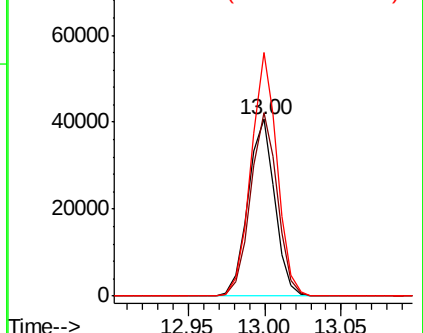
157 134.1 69.5 208.3



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

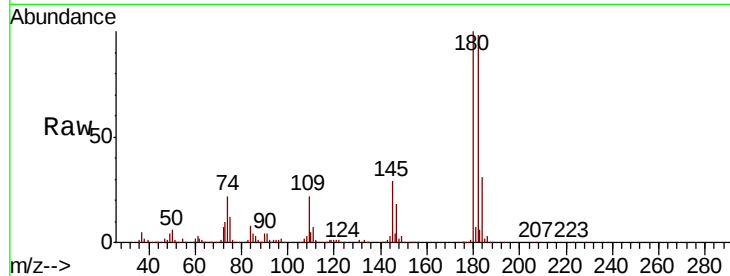




#93
 1,2,4-Trichlorobenzene
 Concen: 49.820 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.0	144.0
145	29.1	14.4	43.4

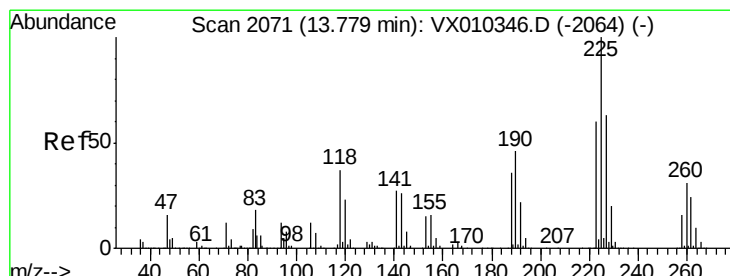
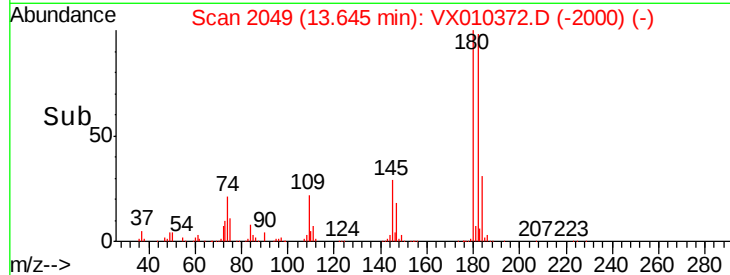
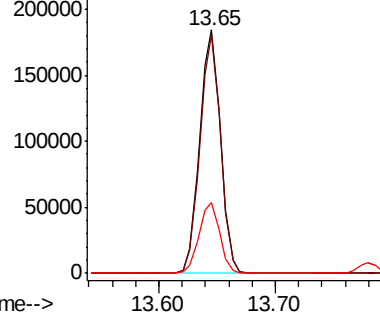


Abundance

Ion 179.80 (179.50 to 180.50): V

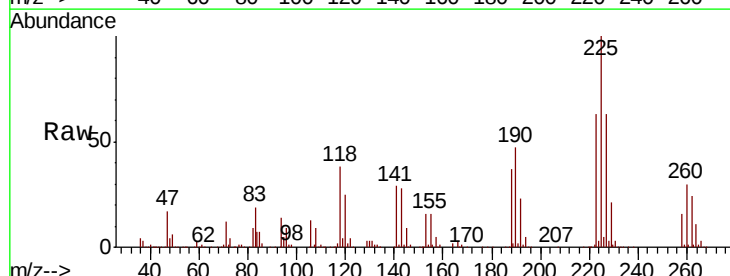
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.091 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010372.D
 Acq: 20 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	30.9	92.7
227	63.6	31.9	95.5

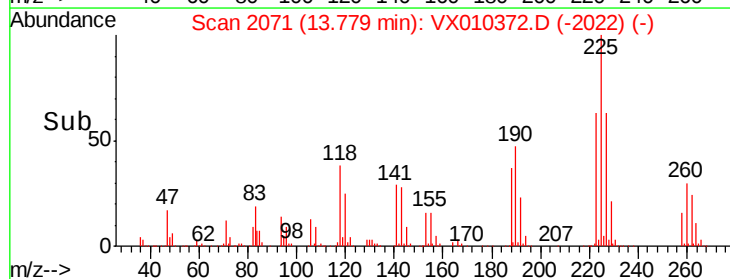
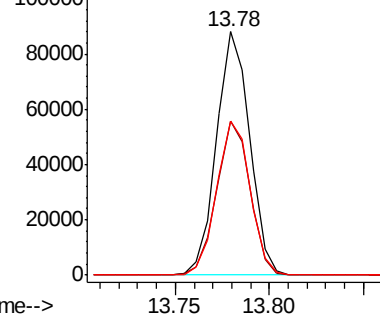


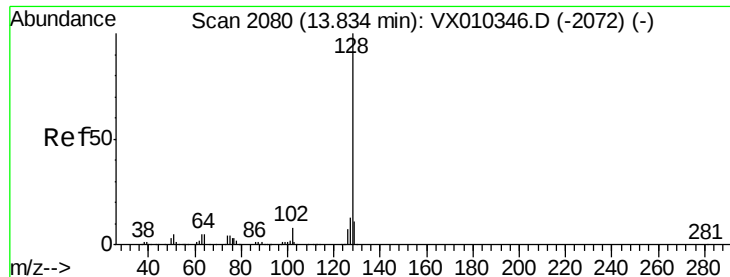
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

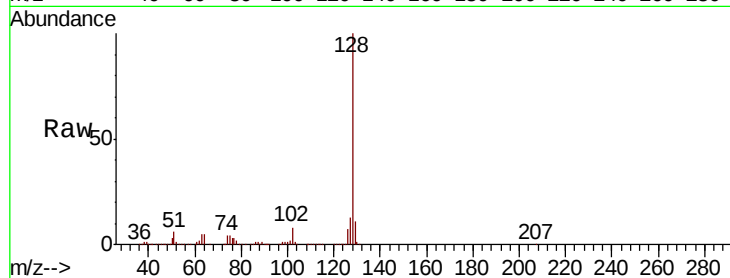




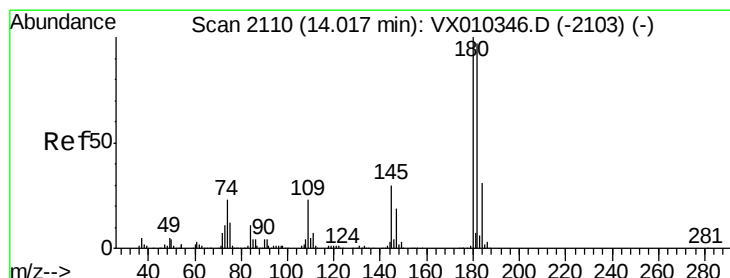
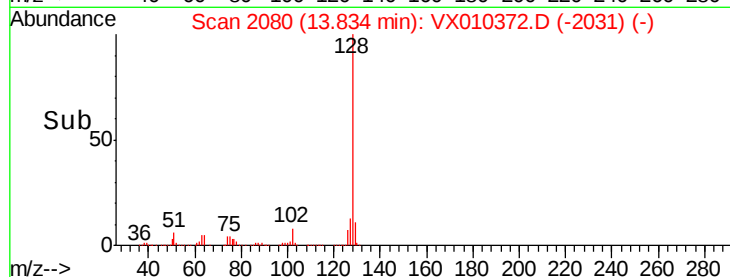
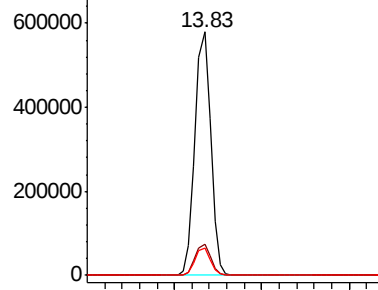
#95
Naphthalene
Concen: 51.412 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 723328
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.9 13.3

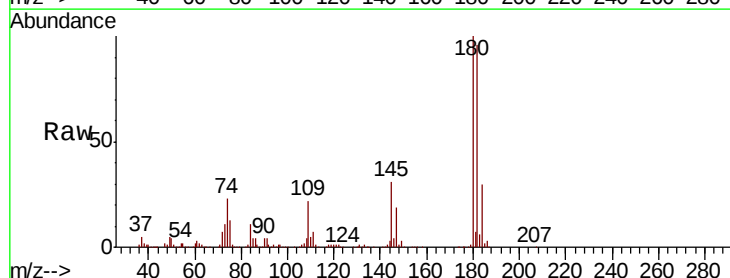


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.938 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010372.D
Acq: 20 Jun 2019 21:05

Tgt Ion:180 Resp: 231870
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 30.2 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

