

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010897.D
 Acq On : 15 Jul 2019 20:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 16 02:03:16 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	261955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397899	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	369154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195643	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	124548	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
35) Dibromofluoromethane	5.50	113	116434	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
50) Toluene-d8	8.71	98	410843	44.11	ug/l	0.00
Spiked Amount			Recovery	=	88.22%	
62) 4-Bromofluorobenzene	11.13	95	164445	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	88901	48.815	ug/l	100
3) Chloromethane	1.32	50	87348	41.189	ug/l	100
4) Vinyl Chloride	1.41	62	100150	43.117	ug/l	99
5) Bromomethane	1.64	94	54205	47.901	ug/l	99
6) Chloroethane	1.71	64	63293	46.186	ug/l	97
7) Trichlorofluoromethane	1.92	101	177446	48.191	ug/l	98
8) Diethyl Ether	2.19	74	61100	46.272	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	102514	45.942	ug/l	98
10) Methyl Iodide	2.51	142	135464	42.539	ug/l	96
11) Tert butyl alcohol	3.05	59	138575	215.621	ug/l	97
12) 1,1-Dichloroethene	2.37	96	101287	44.609	ug/l	95
13) Acrolein	2.29	56	104726	245.642	ug/l	100
14) Allyl chloride	2.73	41	153029	47.472	ug/l	96
15) Acrylonitrile	3.14	53	304559	239.352	ug/l	99
16) Acetone	2.45	43	251325	204.177	ug/l	96
17) Carbon Disulfide	2.57	76	236360	38.801	ug/l	100
18) Methyl Acetate	2.78	43	122635	49.988	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	347024	48.582	ug/l	100
20) Methylene Chloride	2.85	84	114573	45.229	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	106775	43.724	ug/l	96
22) Diisopropyl ether	3.85	45	323694	48.028	ug/l	98
23) Vinyl Acetate	3.81	43	1452837	249.526	ug/l	97
24) 1,1-Dichloroethane	3.70	63	185143	47.524	ug/l	98
25) 2-Butanone	4.67	43	417579	231.269	ug/l	99
26) 2,2-Dichloropropane	4.58	77	140882	41.629	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	128290	45.461	ug/l	97
28) Bromochloromethane	5.02	49	75097	40.317	ug/l	95
29) Tetrahydrofuran	5.13	42	263668	235.754	ug/l	99
30) Chloroform	5.21	83	200907	47.930	ug/l	100
31) Cyclohexane	5.58	56	158435	44.659	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	179126	48.397	ug/l	99
36) 1,1-Dichloropropene	5.80	75	143589	45.412	ug/l	97
37) Ethyl Acetate	4.84	43	157238	48.338	ug/l	99
38) Carbon Tetrachloride	5.79	117	155794	45.501	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	175106	42.131	ug/l	99
40) Benzene	6.14	78	440469	44.714	ug/l	98
41) Methacrylonitrile	5.04	41	86774	48.619	ug/l	98
42) 1,2-Dichloroethane	6.19	62	155893	51.988	ug/l	96
43) Isopropyl Acetate	6.45	43	258545	48.041	ug/l	97
44) Trichloroethene	7.21	130	127047	43.101	ug/l	99
45) 1,2-Dichloropropane	7.51	63	112525	45.234	ug/l	99
46) Dibromomethane	7.66	93	82793	46.388	ug/l	96
47) Bromodichloromethane	7.90	83	152350	46.578	ug/l	100
48) Methyl methacrylate	7.77	41	123875	49.519	ug/l	97
49) 1,4-Dioxane	7.74	88	67257	933.311	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	854795	248.343	ug/l	97
52) Toluene	8.78	92	287870	44.375	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	165367	45.094	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	180281	45.239	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	125258	46.818	ug/l	97
56) Ethyl methacrylate	9.18	69	192959	47.610	ug/l	94
57) 1,3-Dichloropropane	9.37	76	194096	46.735	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	375657	195.161	ug/l	99
59) 2-Hexanone	9.49	43	661192	244.075	ug/l	98
60) Dibromochloromethane	9.58	129	136675	45.625	ug/l	99
61) 1,2-Dibromoethane	9.67	107	132989	46.052	ug/l	100
64) Tetrachloroethene	9.34	164	120617	40.397	ug/l	96
65) Chlorobenzene	10.13	112	330347	44.078	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	124980	45.782	ug/l	99
67) Ethyl Benzene	10.25	91	572275	45.231	ug/l	98
68) m/p-Xylenes	10.36	106	443793	90.524	ug/l	99
69) o-Xylene	10.69	106	216417	44.889	ug/l	96
70) Styrene	10.71	104	376469	46.562	ug/l	98
71) Bromoform	10.85	173	107313	45.204	ug/l	100
73) Isopropylbenzene	11.02	105	587133	44.271	ug/l	98
74) N-amyl acetate	10.90	43	241551	48.194	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	195914	44.606	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	217866	61.110	ug/l	80
77) Bromobenzene	11.25	156	160042	43.217	ug/l	97
78) n-propylbenzene	11.36	91	655169	44.949	ug/l	99
79) 2-Chlorotoluene	11.42	91	387716	44.670	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	494223	45.204	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	57928	37.906	ug/l #	87
82) 4-Chlorotoluene	11.51	91	456627	46.234	ug/l	98
83) tert-Butylbenzene	11.77	119	494211	45.037	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	504059	45.889	ug/l	100
85) sec-Butylbenzene	11.94	105	578448	44.896	ug/l	99
86) p-Isopropyltoluene	12.06	119	535207	44.909	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	280910	43.457	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	283341	43.056	ug/l	99
89) n-Butylbenzene	12.38	91	464001	45.819	ug/l	99
90) Hexachloroethane	12.60	117	87895	42.653	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	278424	43.338	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44002	46.467	ug/l	88

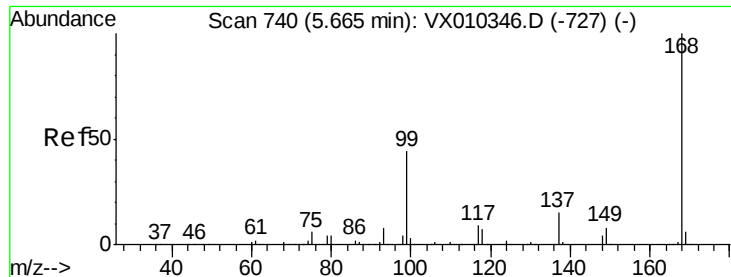
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	194418	43.637	ug/l	99
94) Hexachlorobutadiene	13.78	225	93481	42.931	ug/l	98
95) Naphthalene	13.83	128	598702	43.728	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	192836	43.532	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

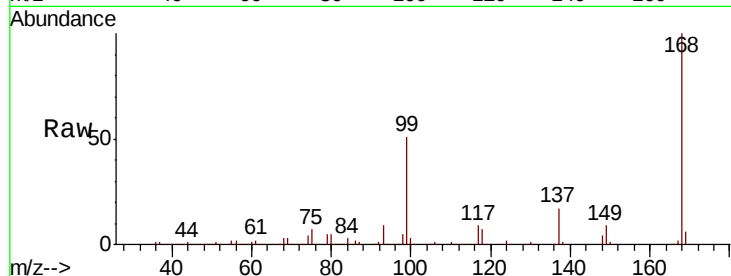
VSTDCCC050EC

Tot Ion:168 Resp: 261955

Ion Ratio Lower Upper

168 100

99 51.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

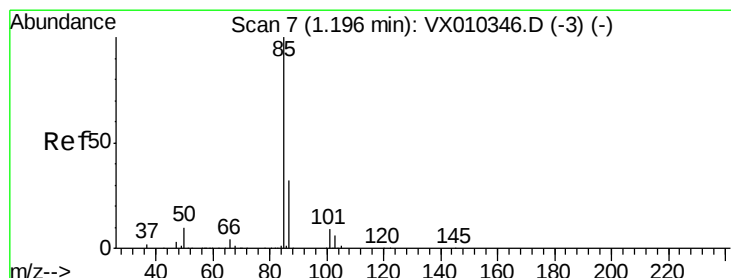
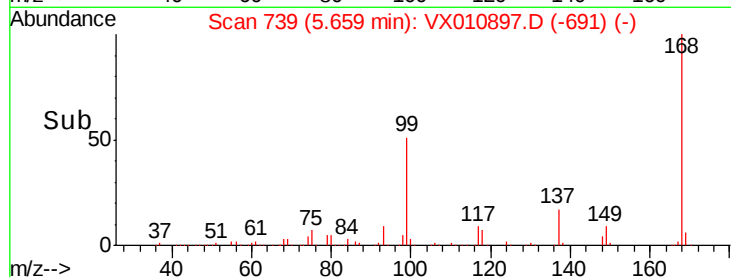
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.815 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010897.D

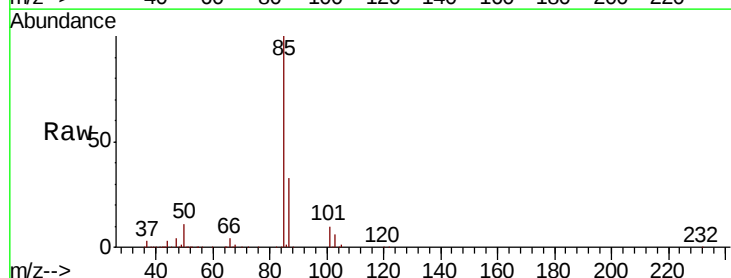
Acq: 15 Jul 2019 20:07

Tgt Ion: 85 Resp: 88901

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

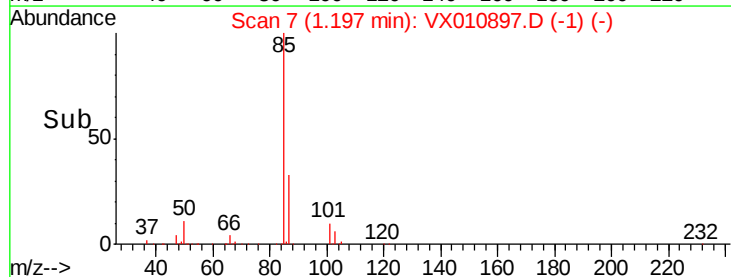
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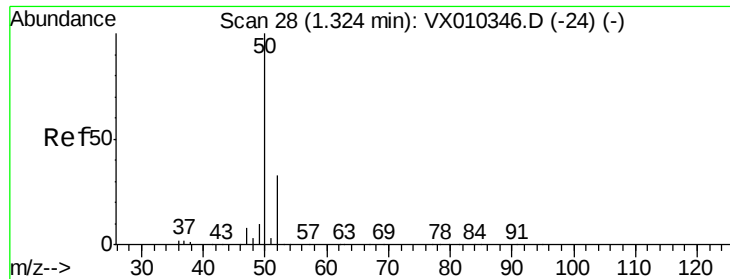
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 41.189 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

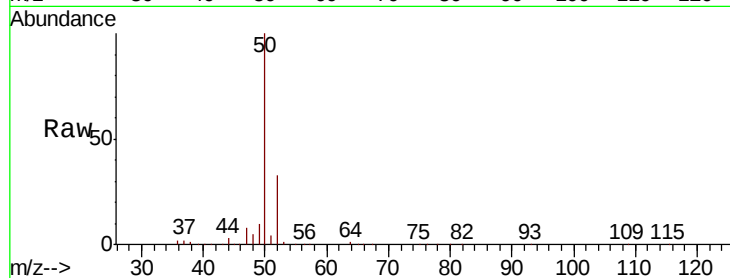
VSTDCCC050EC

Tot Ion: 50 Resp: 87348

Ion Ratio Lower Upper

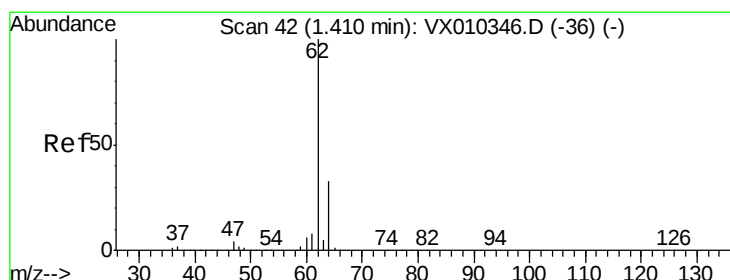
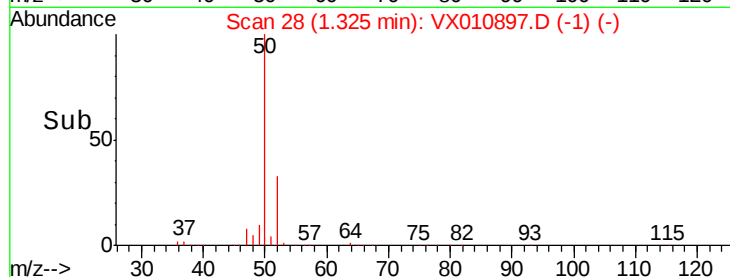
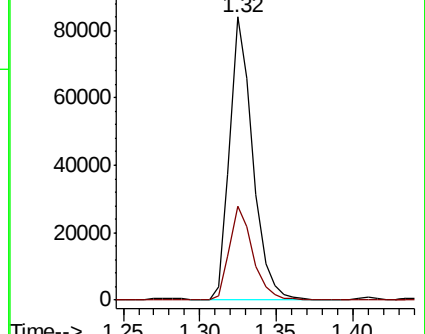
50 100

52 33.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.117 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010897.D

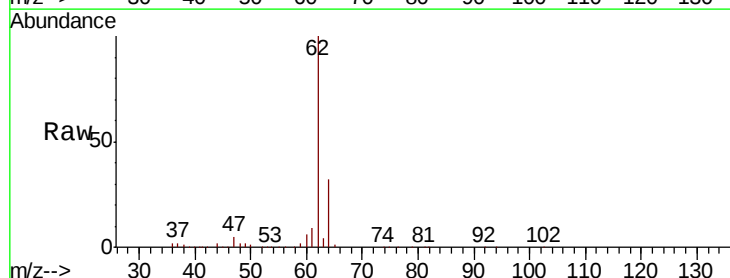
Acq: 15 Jul 2019 20:07

Tgt Ion: 62 Resp: 100150

Ion Ratio Lower Upper

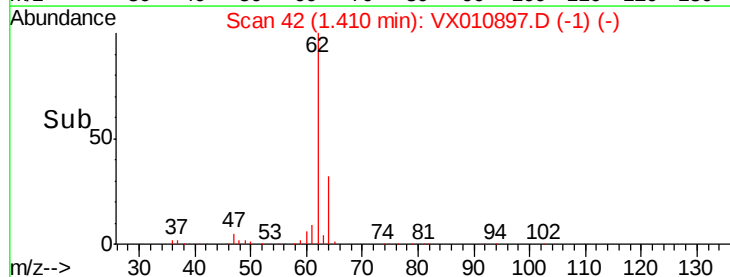
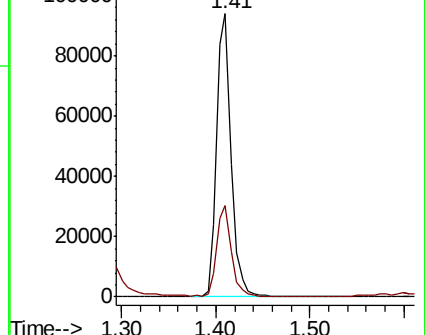
62 100

64 32.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.901 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

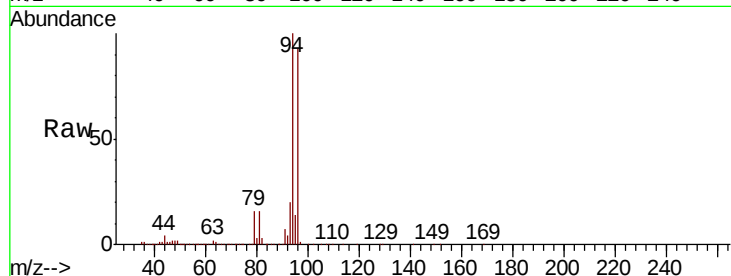
VSTDCCC050EC

Tot Ion: 94 Resp: 54205

Ion Ratio Lower Upper

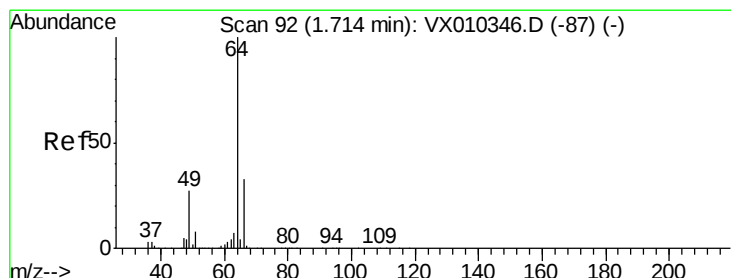
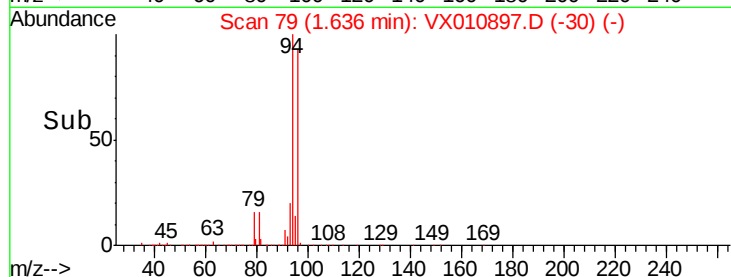
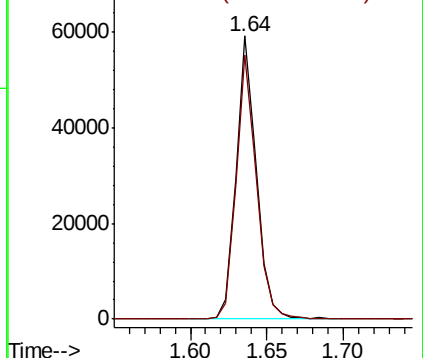
94 100

96 93.3 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: 46.186 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010897.D

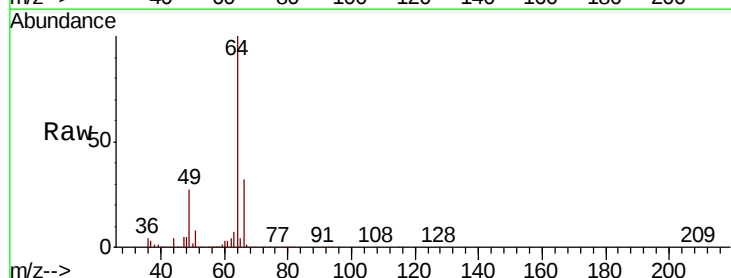
Acq: 15 Jul 2019 20:07

Tgt Ion: 64 Resp: 63293

Ion Ratio Lower Upper

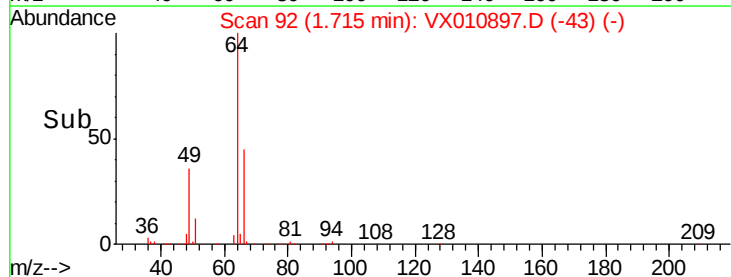
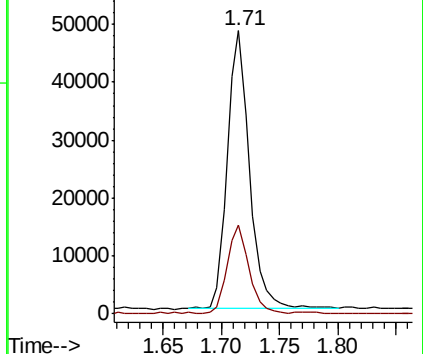
64 100

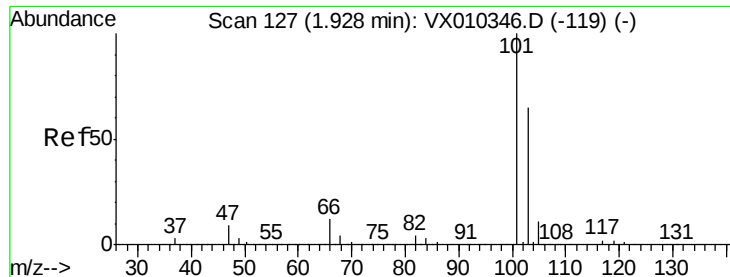
66 31.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



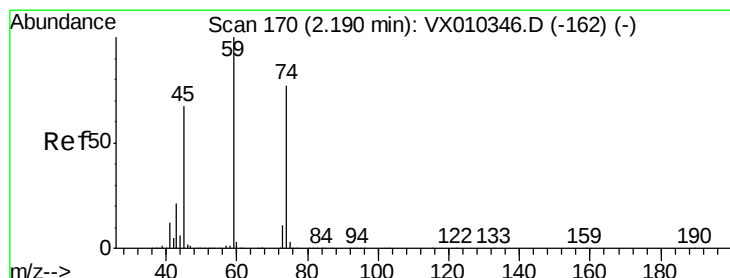
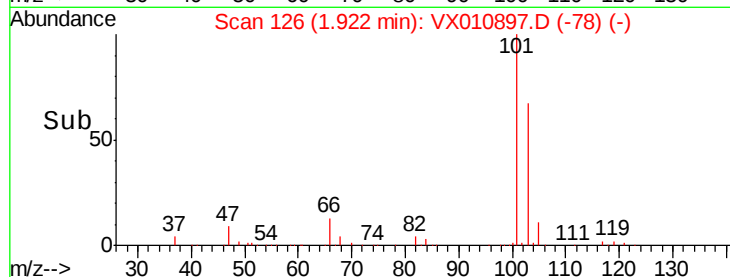
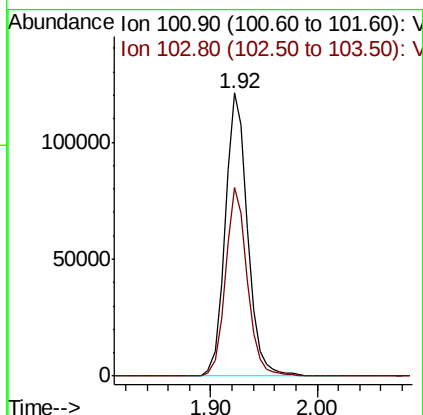
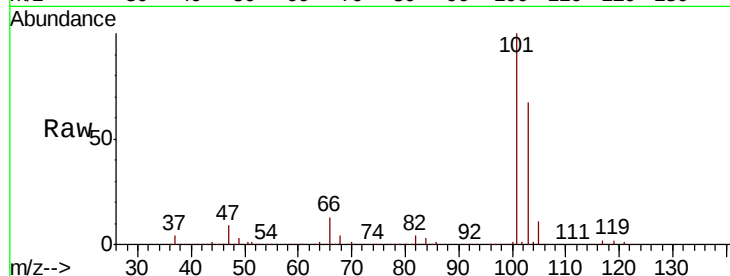


#7

Trichlorofluoromethane
 Concen: 48.191 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

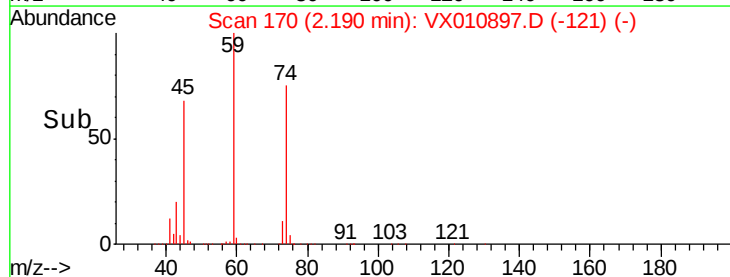
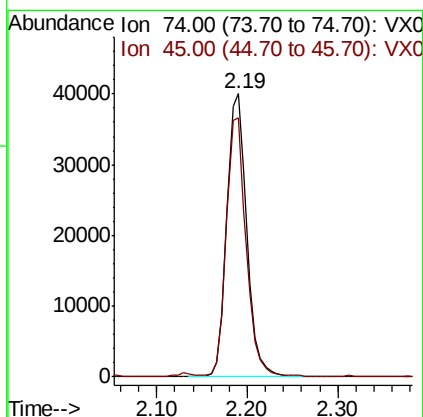
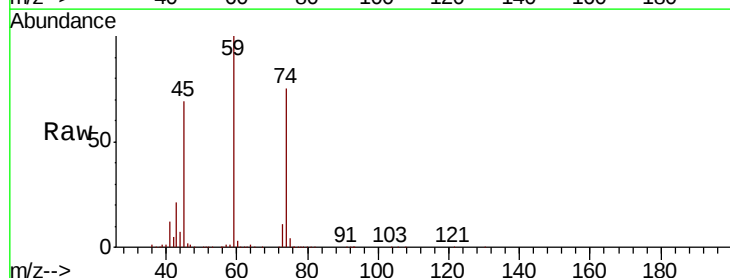
Tot Ion:101 Resp: 177446
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.3 78.5

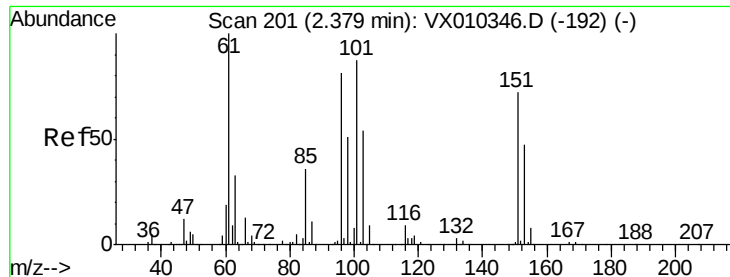


#8

Diethyl Ether
 Concen: 46.272 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

Tgt Ion: 74 Resp: 61100
 Ion Ratio Lower Upper
 74 100
 45 89.6 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.942 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

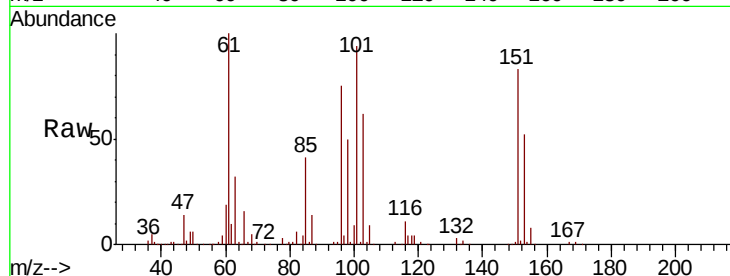
Tot Ion:101 Resp: 102514

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

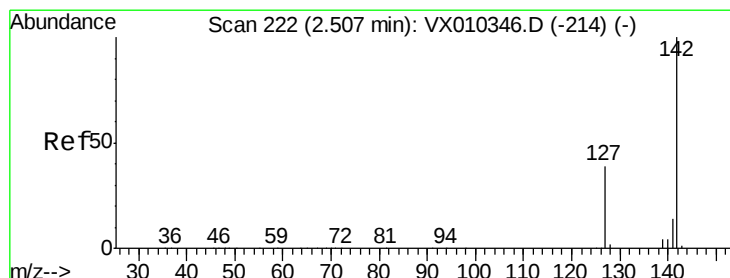
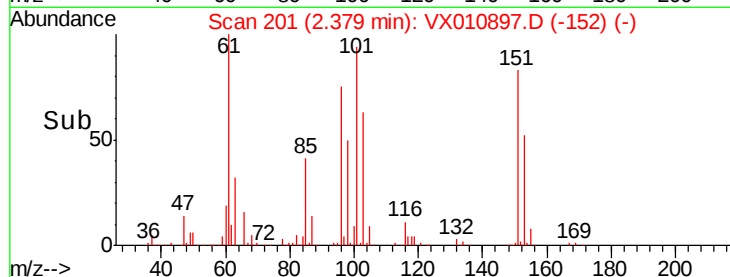
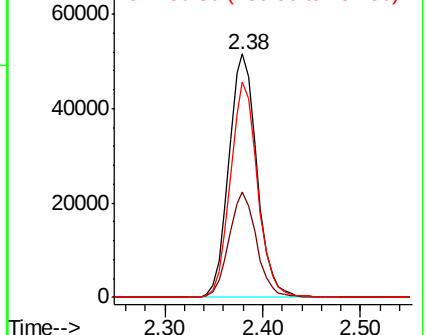
151 86.0 70.1 105.1



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: 42.539 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

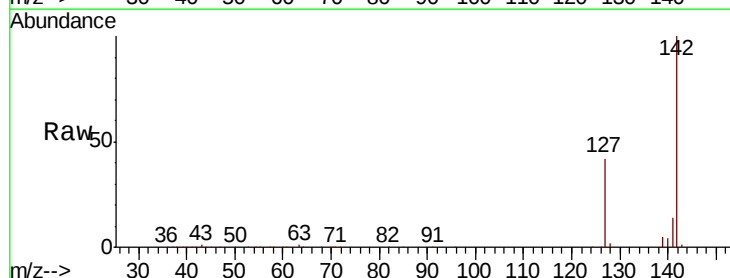
Tgt Ion:142 Resp: 135464

Ion Ratio Lower Upper

142 100

127 42.3 31.1 46.7

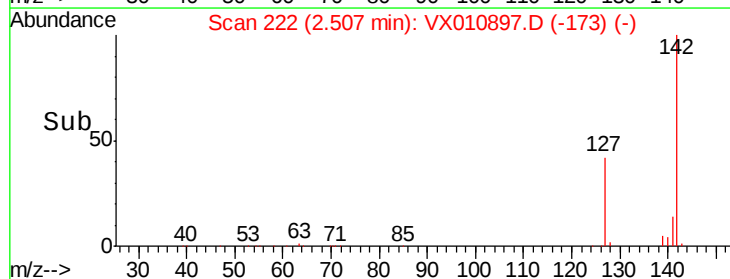
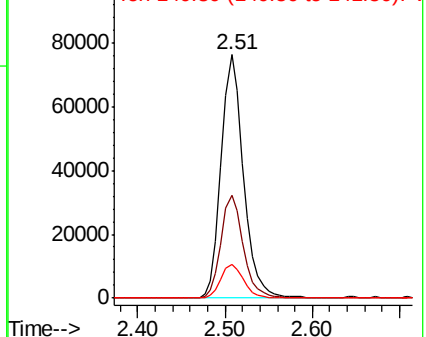
141 14.4 11.2 16.8



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



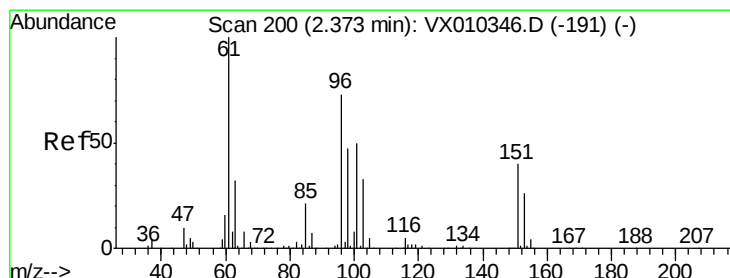
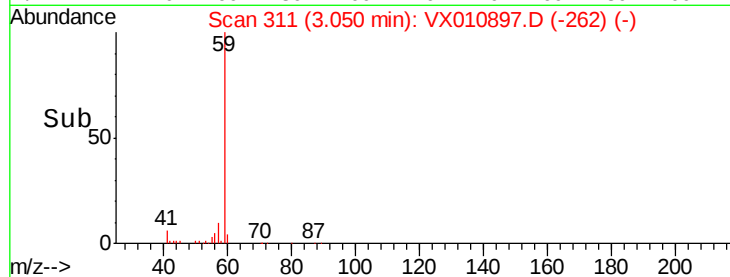
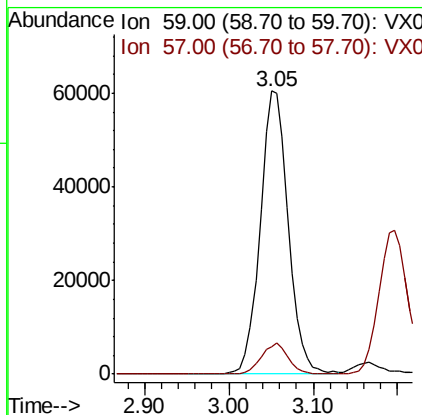
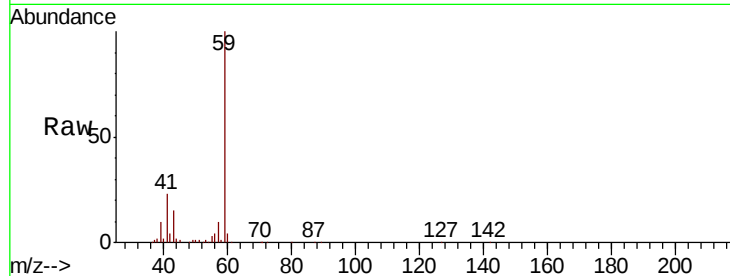


#11

Tert butyl alcohol
 Concen: 215.621 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

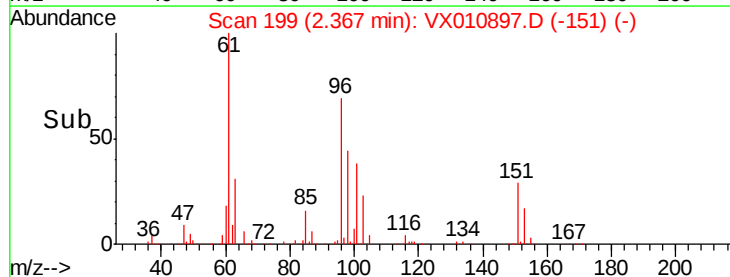
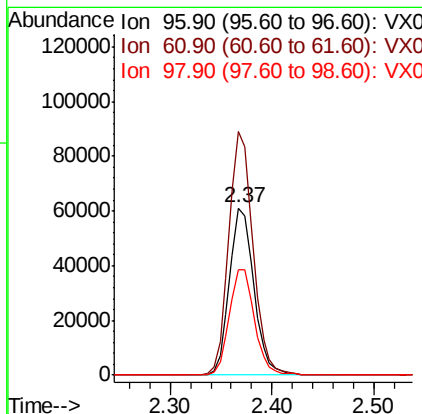
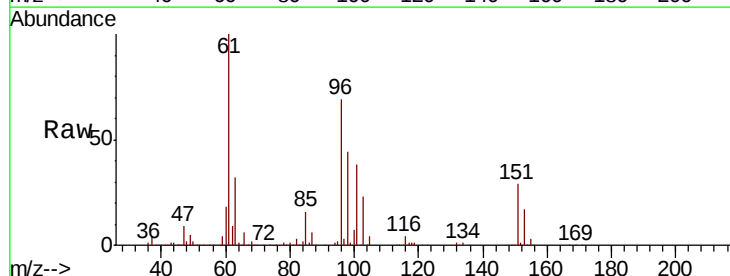
Tot Ion: 59 Resp: 138575
 Ion Ratio Lower Upper
 59 100
 57 10.6 7.7 11.5



#12

1,1-Dichloroethene
 Concen: 44.609 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

Tgt Ion: 96 Resp: 101287
 Ion Ratio Lower Upper
 96 100
 61 145.7 109.2 163.8
 98 63.4 51.1 76.7





#13

Acrolein

Concen: 245.642 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

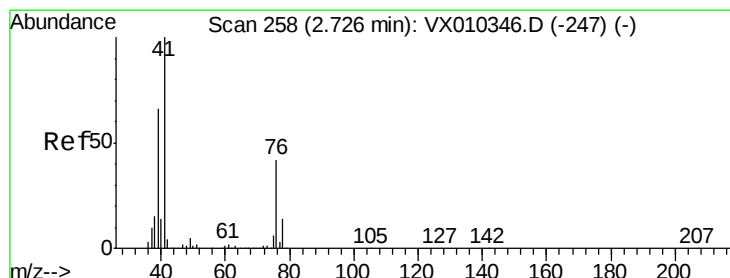
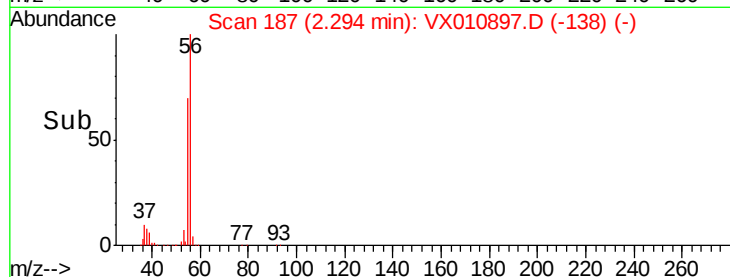
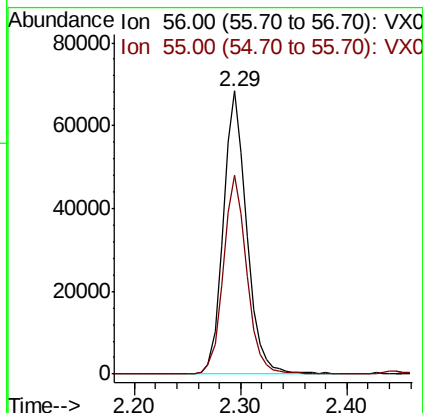
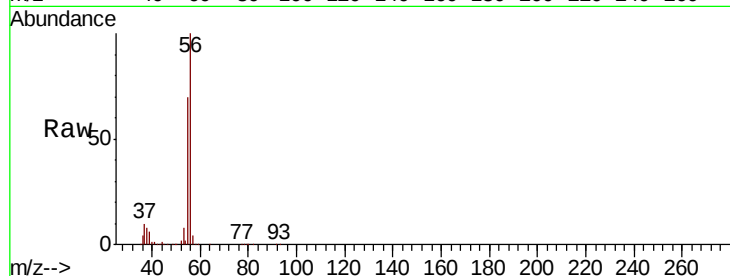
VSTDCCC050EC

Tot Ion: 56 Resp: 104726

Ion Ratio Lower Upper

56 100

55 70.9 56.9 85.3



#14

Allyl chloride

Concen: 47.472 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

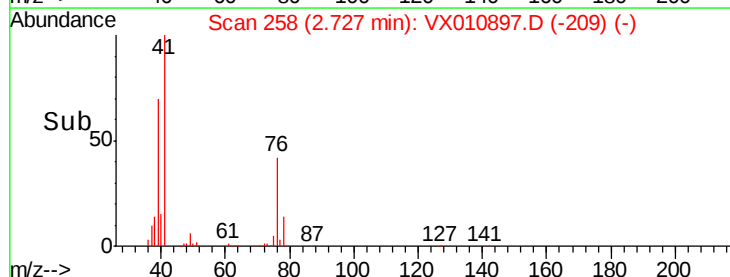
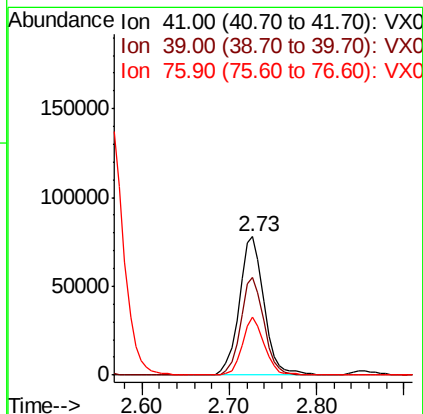
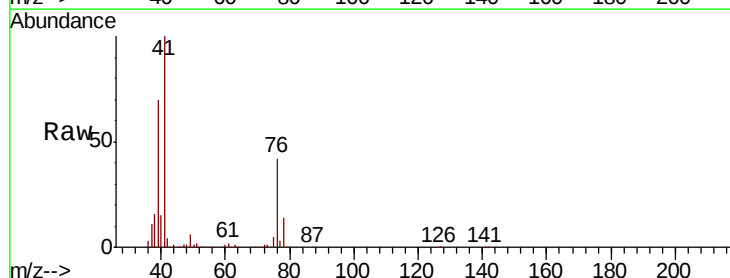
Tgt Ion: 41 Resp: 153029

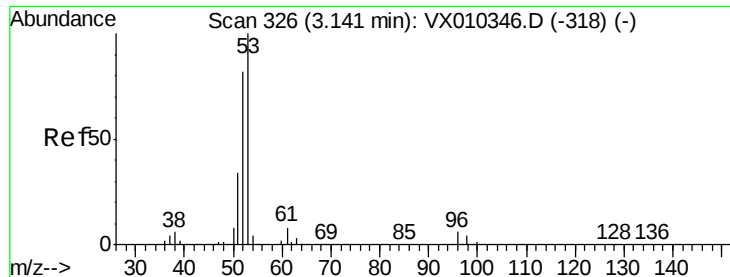
Ion Ratio Lower Upper

41 100

39 65.9 50.3 75.5

76 36.7 31.3 46.9





#15

Acrylonitrile

Concen: 239.352 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

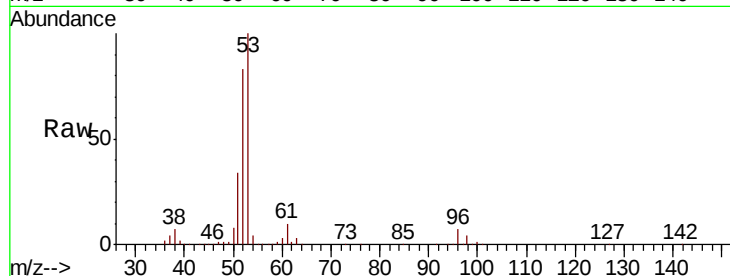
Tot Ion: 53 Resp: 304559

Ion Ratio Lower Upper

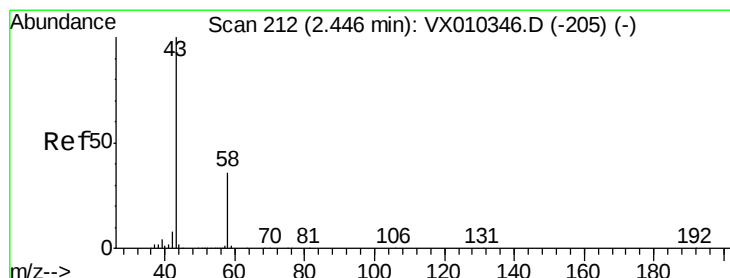
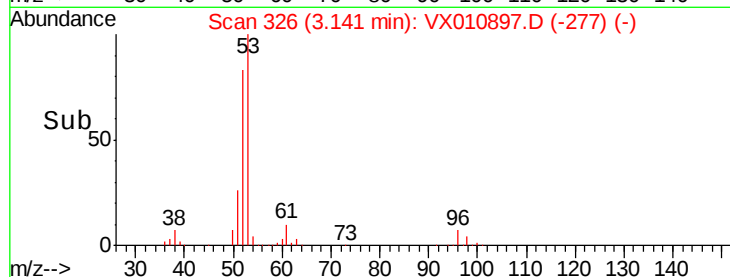
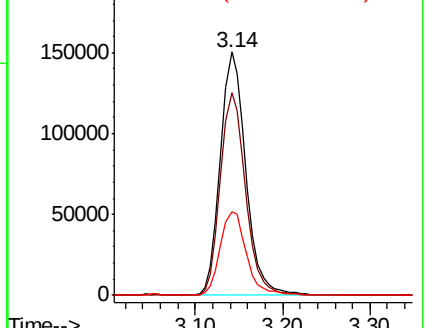
53 100

52 82.6 65.5 98.3

51 35.2 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: 204.177 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010897.D

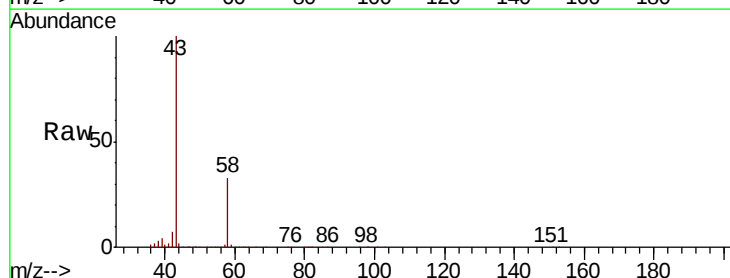
Acq: 15 Jul 2019 20:07

Tgt Ion: 43 Resp: 251325

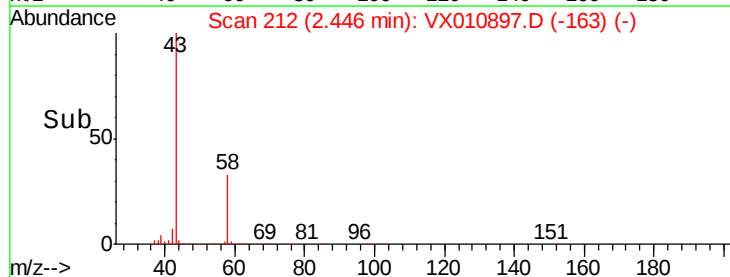
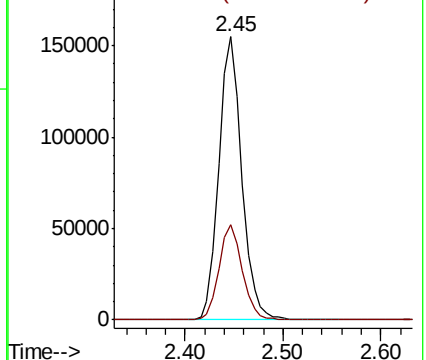
Ion Ratio Lower Upper

43 100

58 33.5 28.9 43.3



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

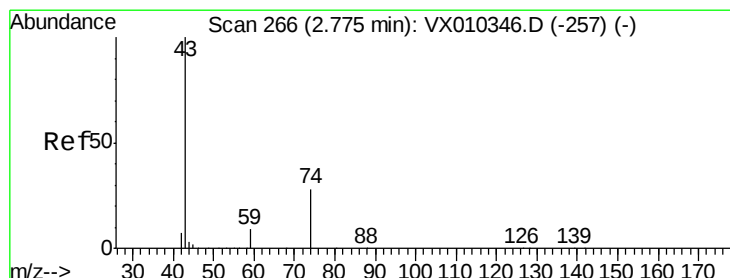
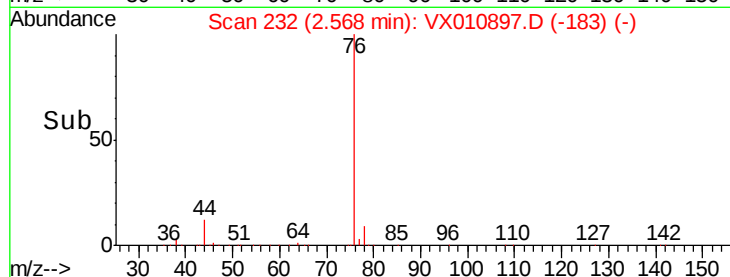
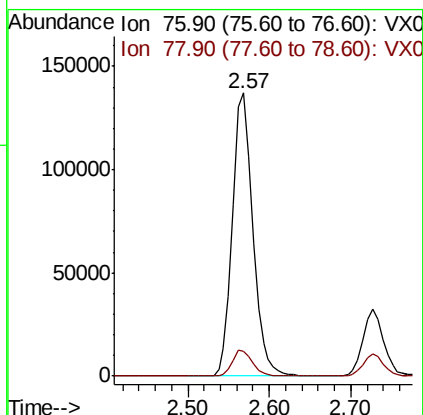
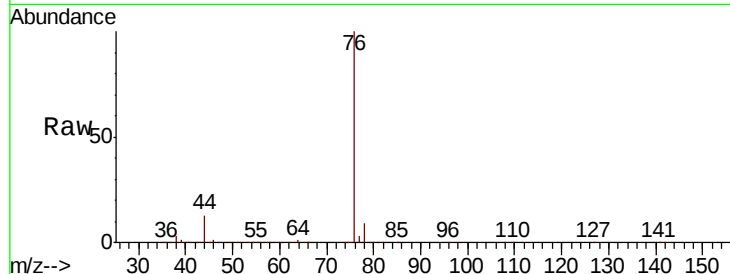




#17
Carbon Disulfide
Concen: 38.801 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

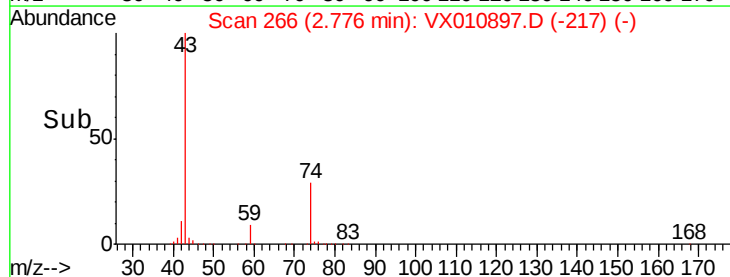
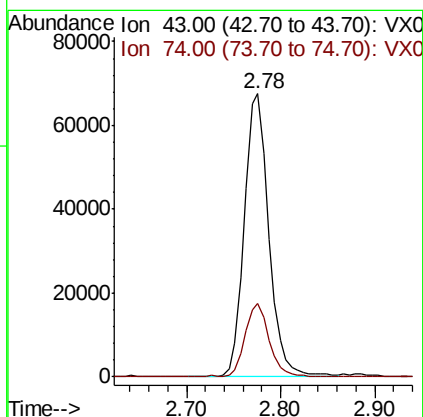
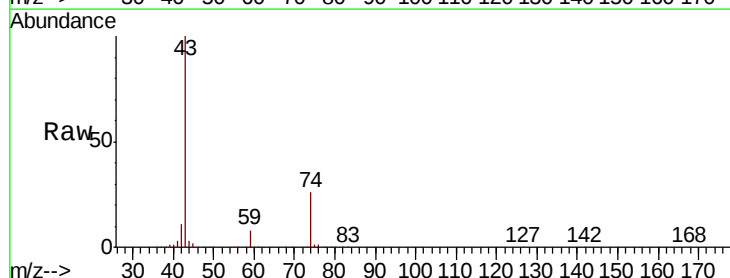
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

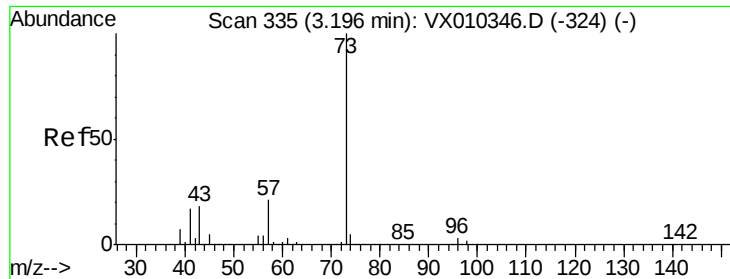
Tot Ion: 76 Resp: 236360
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 49.988 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

Tgt Ion: 43 Resp: 122635
Ion Ratio Lower Upper
43 100
74 25.8 21.3 31.9

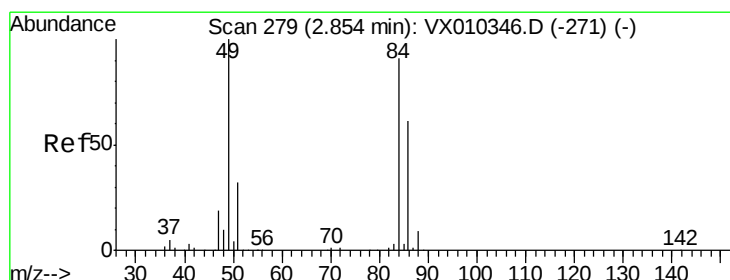
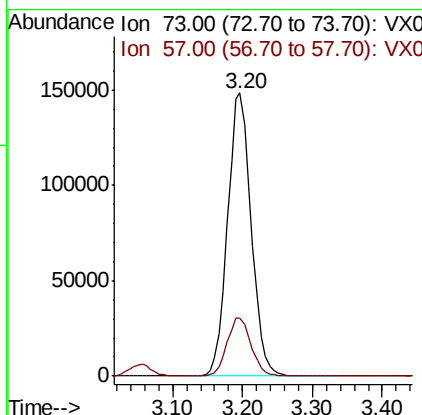
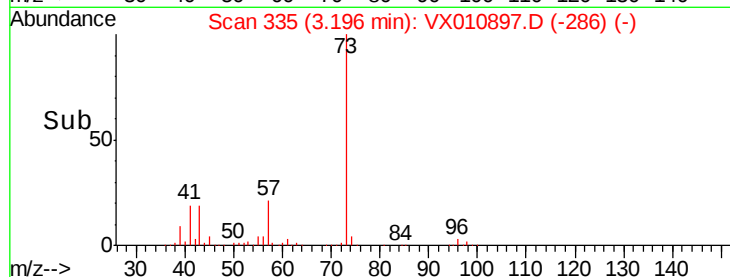
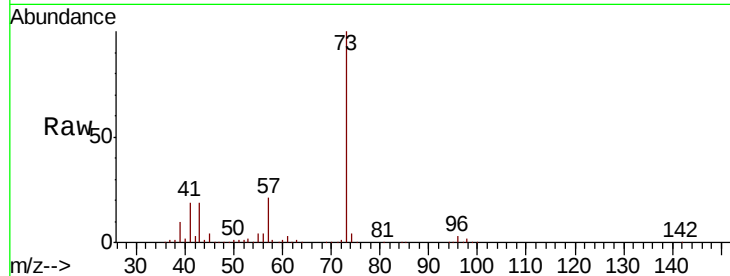




#19
Methyl tert-butyl Ether
Concen: 48.582 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

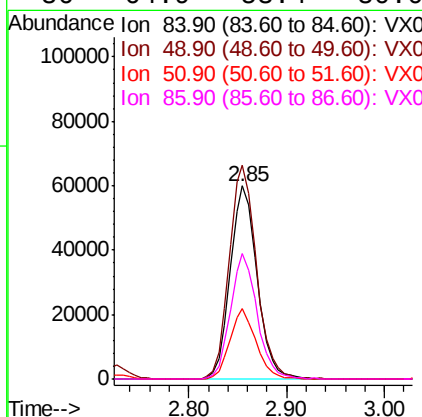
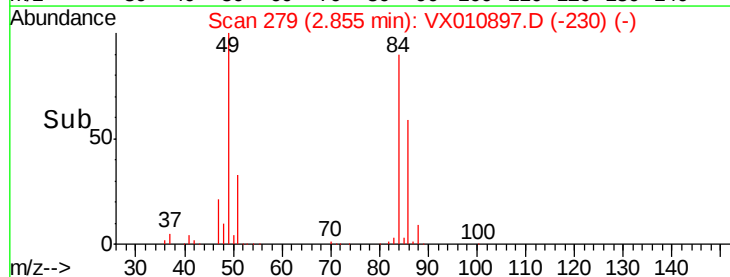
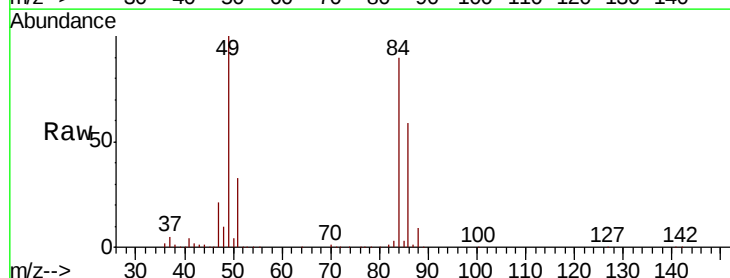
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 347024
Ion Ratio Lower Upper
73 100
57 20.6 16.4 24.6



#20
Methylene Chloride
Concen: 45.229 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

Tgt Ion: 84 Resp: 114573
Ion Ratio Lower Upper
84 100
49 110.6 87.5 131.3
51 36.4 27.7 41.5
86 64.9 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 43.724 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

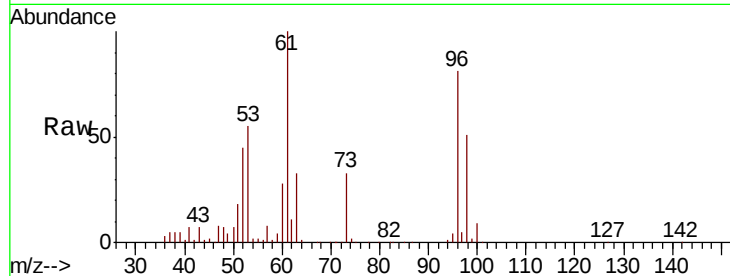
Tot Ion: 96 Resp: 106775

Ion Ratio Lower Upper

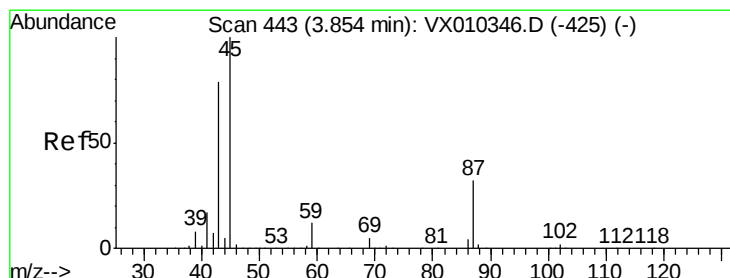
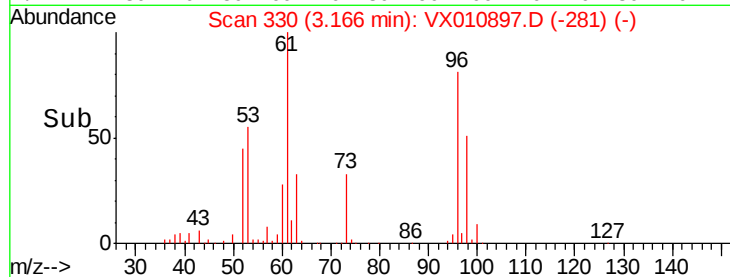
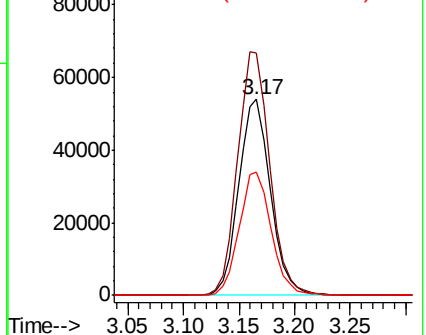
96 100

61 123.8 95.6 143.4

98 62.9 52.5 78.7



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



#22

Diisopropyl ether

Concen: 48.028 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Tgt Ion: 45 Resp: 323694

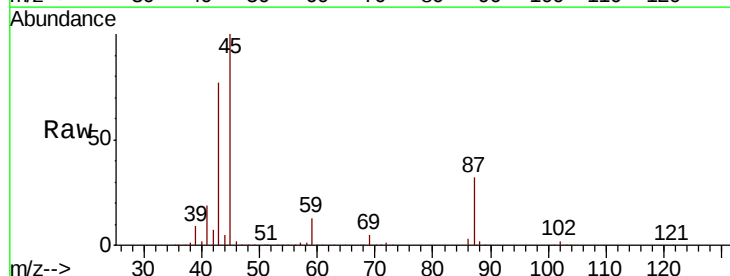
Ion Ratio Lower Upper

45 100

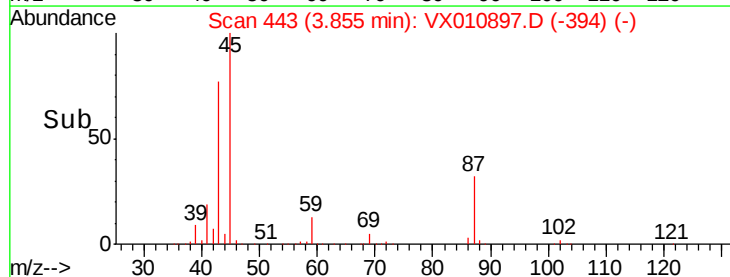
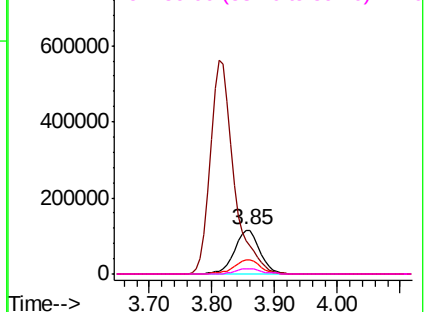
43 76.4 63.3 94.9

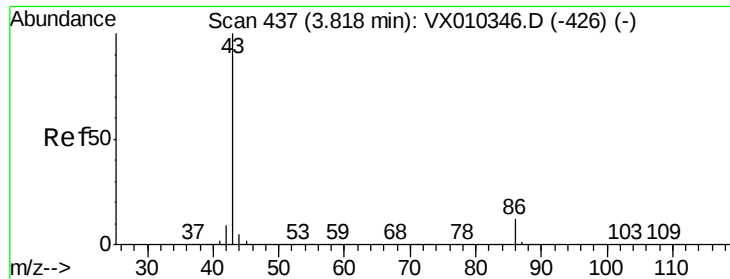
87 32.4 25.8 38.8

59 12.8 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: 249.526 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

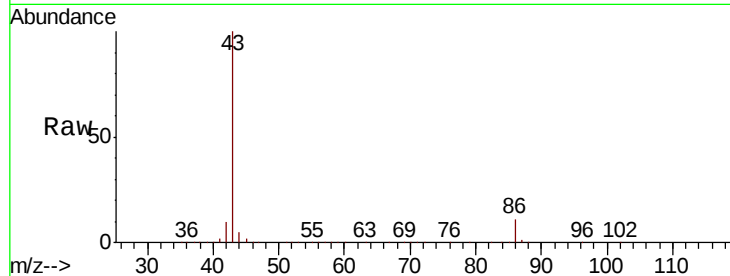
VSTDCCC050EC

Tot Ion: 43 Resp: 1452837

Ion Ratio Lower Upper

43 100

86 11.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

600000

500000

400000

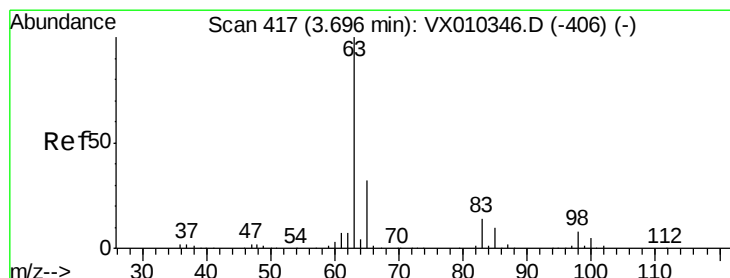
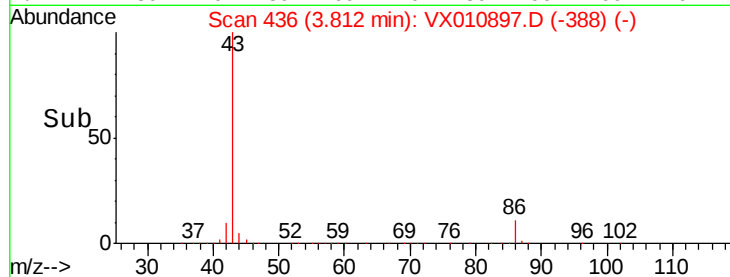
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.524 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

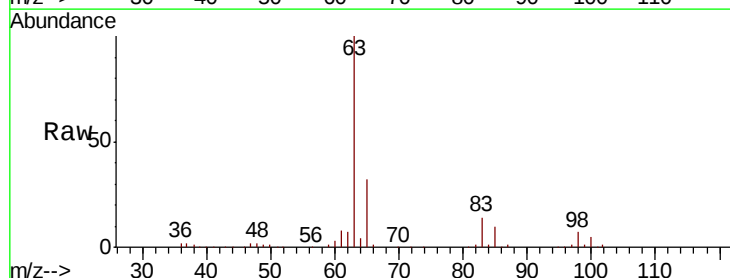
Tgt Ion: 63 Resp: 185143

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

100 4.7 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

100000

80000

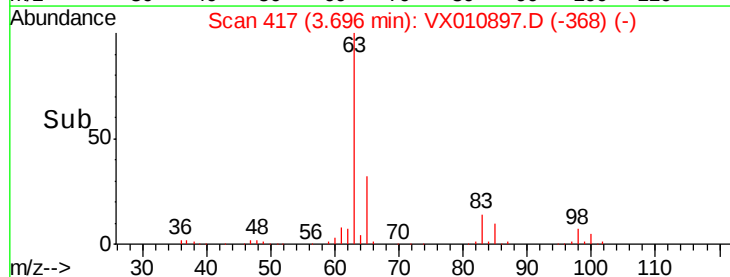
60000

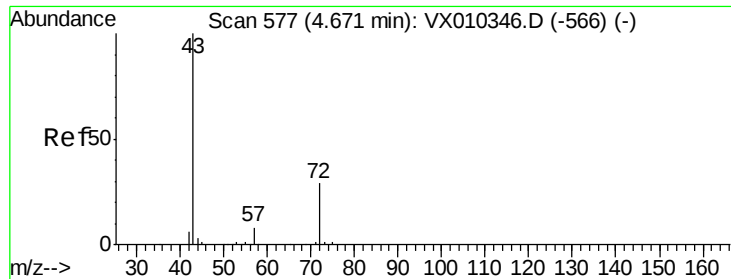
40000

20000

0

Time-->





#25

2-Butanone

Concen: 231.269 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

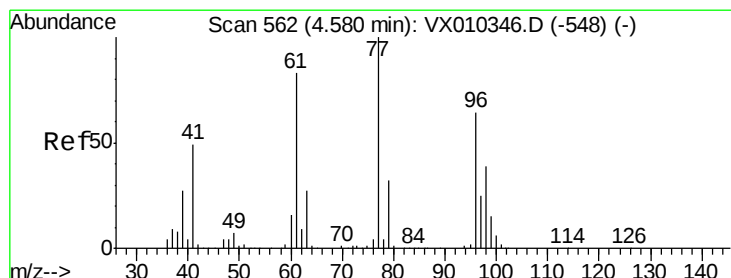
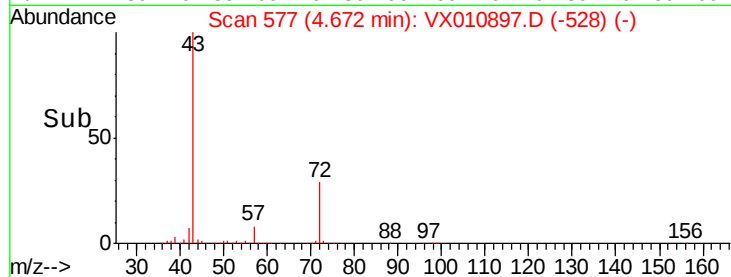
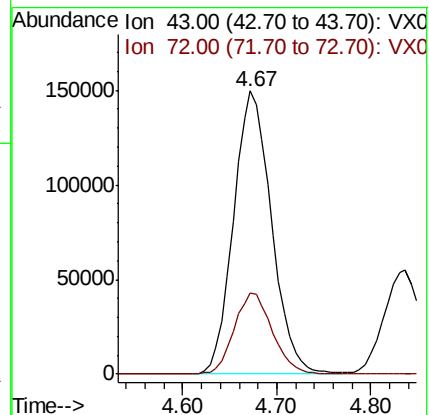
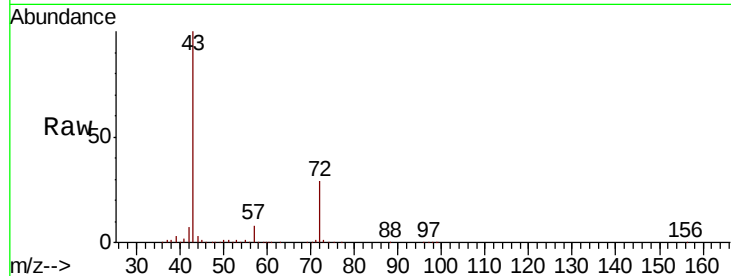
VSTDCCC050EC

Tot Ion: 43 Resp: 417579

Ion Ratio Lower Upper

43 100

72 28.6 23.3 34.9



#26

2,2-Dichloropropane

Concen: 41.629 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010897.D

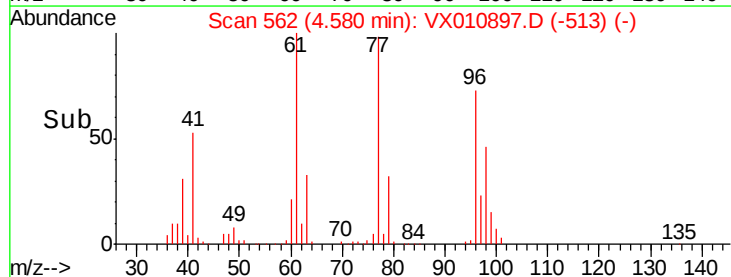
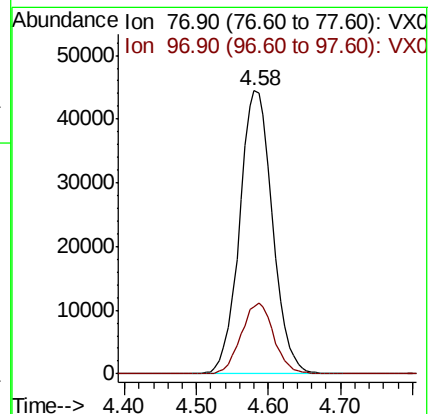
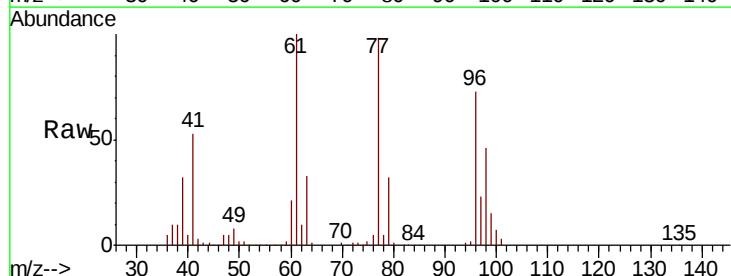
Acq: 15 Jul 2019 20:07

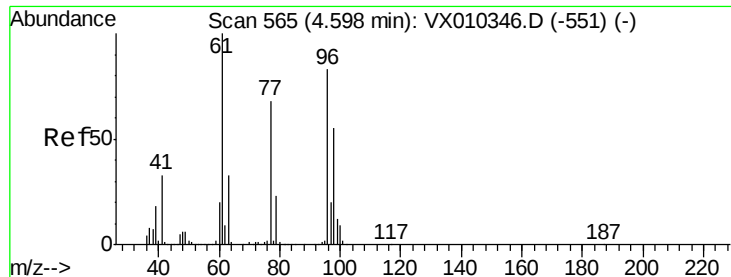
Tgt Ion: 77 Resp: 140882

Ion Ratio Lower Upper

77 100

97 24.8 13.1 39.3



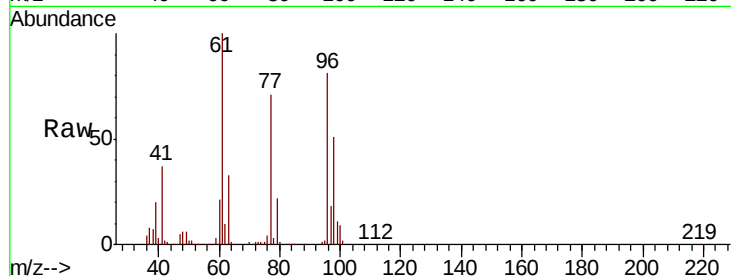


#27

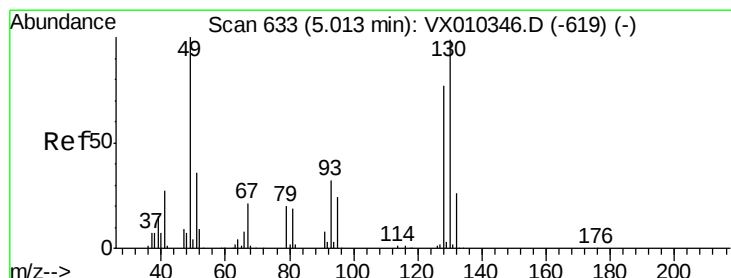
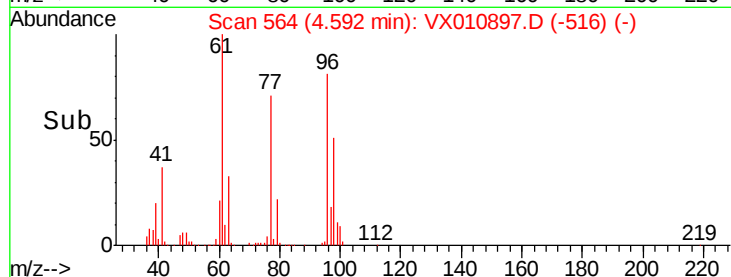
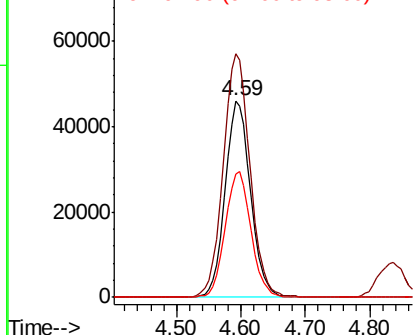
cis-1,2-Dichloroethene
Concen: 45.461 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	96	Resp	128290
Ion	Ratio	Lower	Upper
96	100		
61	130.6	0.0	251.8
98	64.9	0.0	129.4



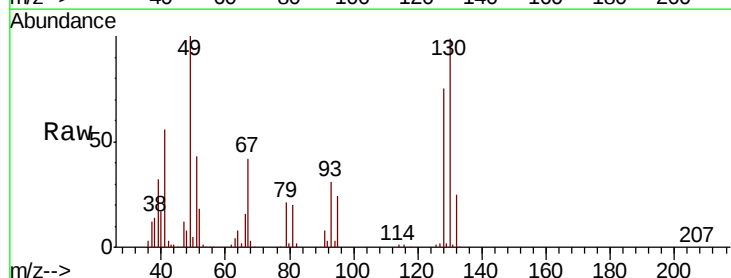
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



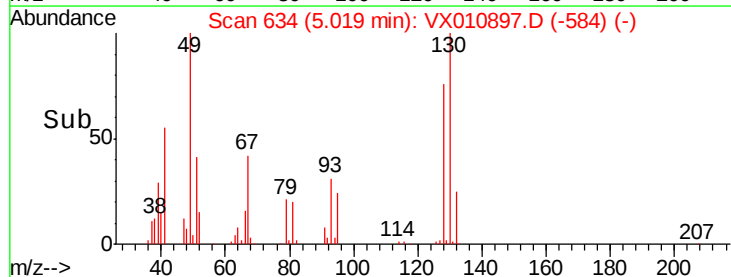
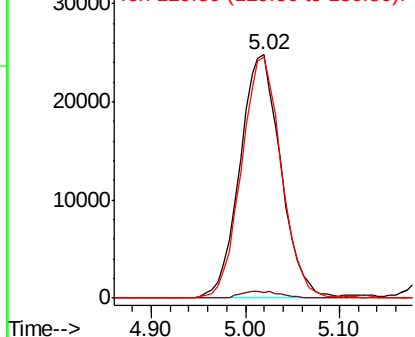
#28

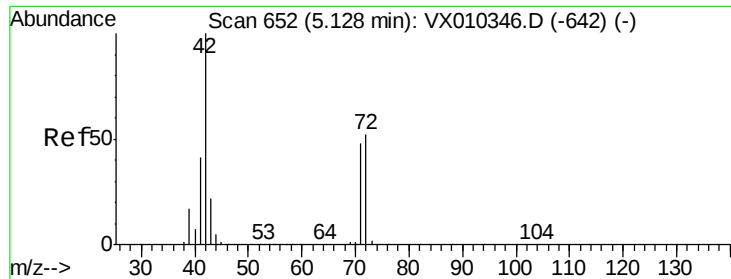
Bromochloromethane
Concen: 40.317 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

Tgt Ion	49	Resp	75097
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	96.8	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: 235.754 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

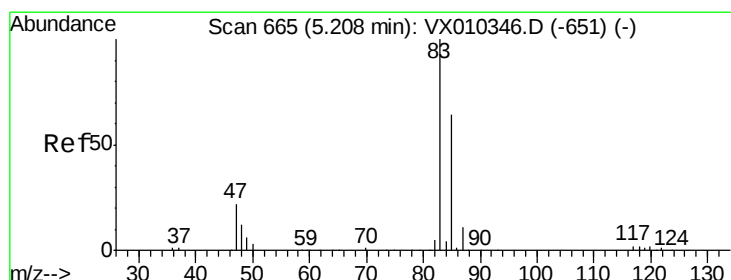
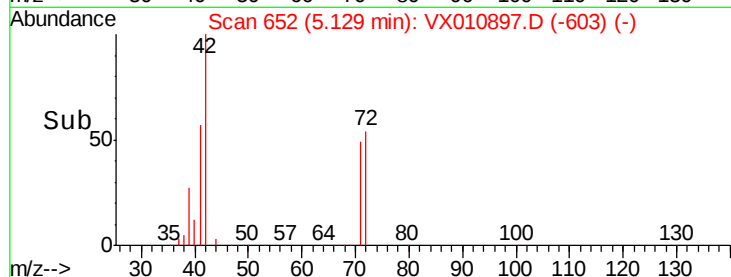
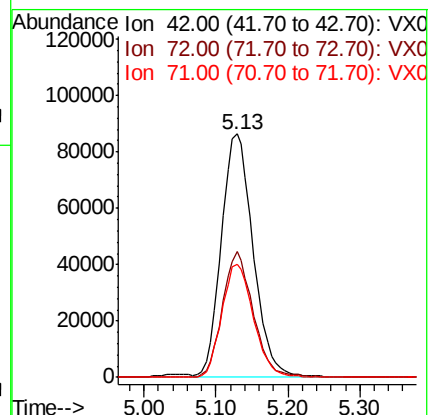
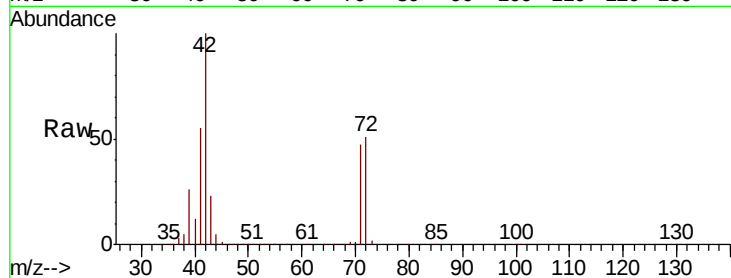
Tot Ion: 42 Resp: 263668

Ion Ratio Lower Upper

42 100

72 50.3 40.6 60.8

71 46.8 37.8 56.8



#30

Chloroform

Concen: 47.930 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010897.D

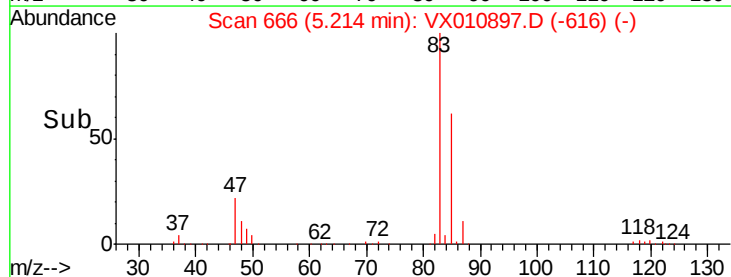
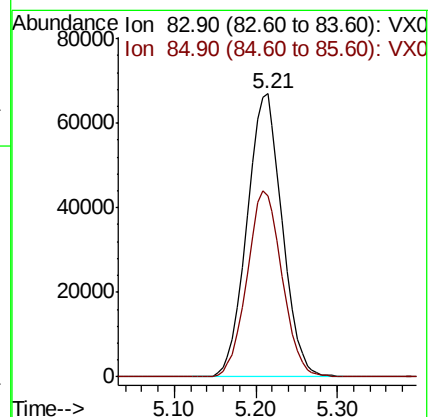
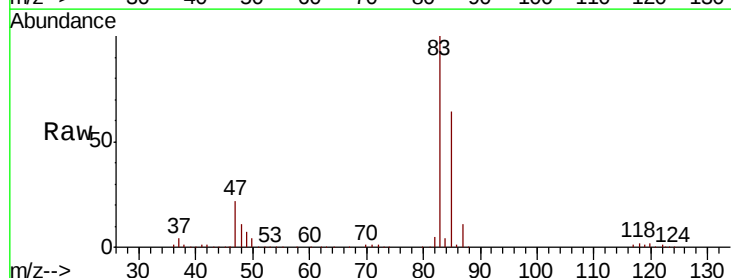
Acq: 15 Jul 2019 20:07

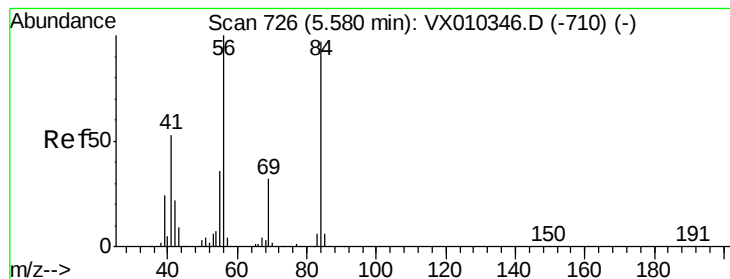
Tgt Ion: 83 Resp: 200907

Ion Ratio Lower Upper

83 100

85 63.9 50.9 76.3





#31

Cyclohexane

Concen: 44.659 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

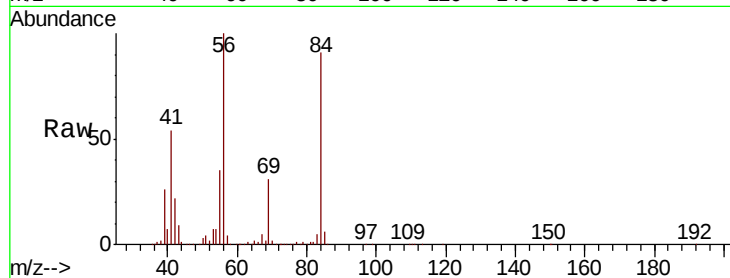
Tot Ion: 56 Resp: 158435

Ion Ratio Lower Upper

56 100

69 30.6 25.9 38.9

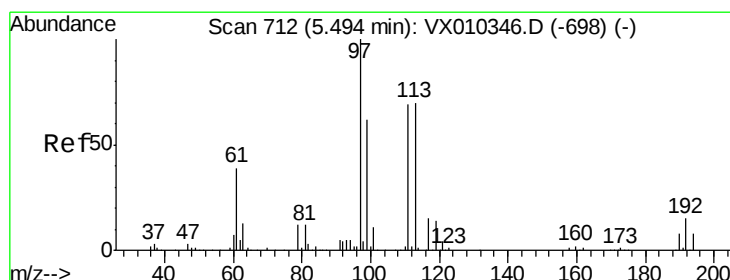
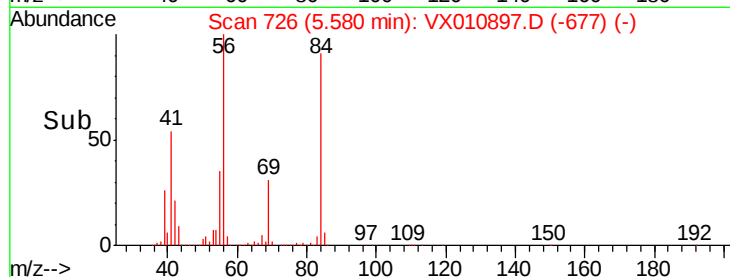
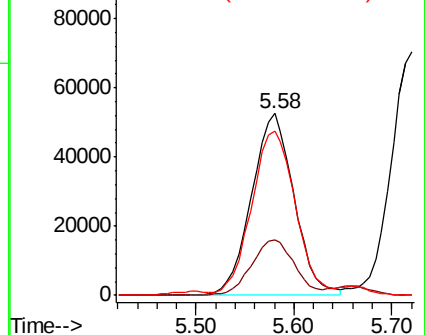
84 88.5 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.397 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

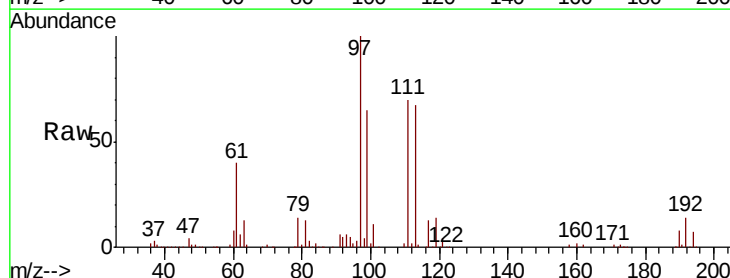
Tgt Ion: 97 Resp: 179126

Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.8

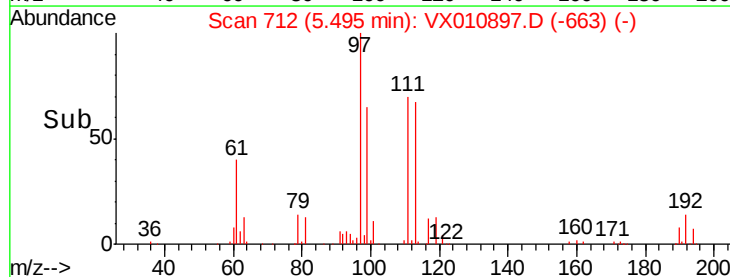
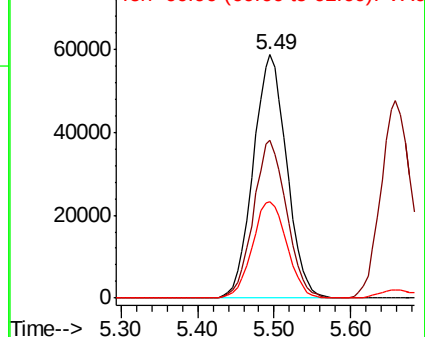
61 40.9 32.1 48.1

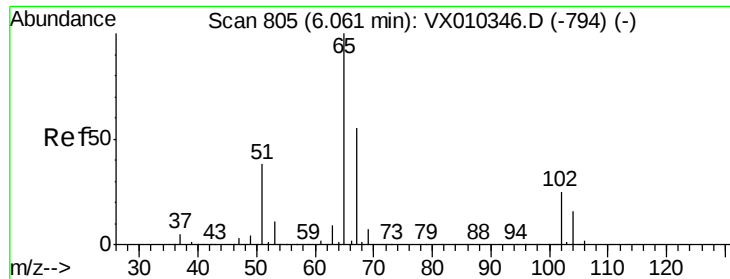


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

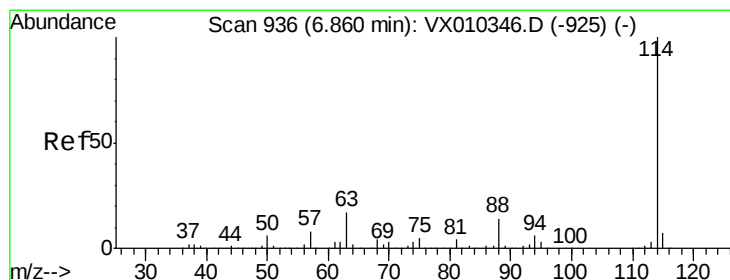
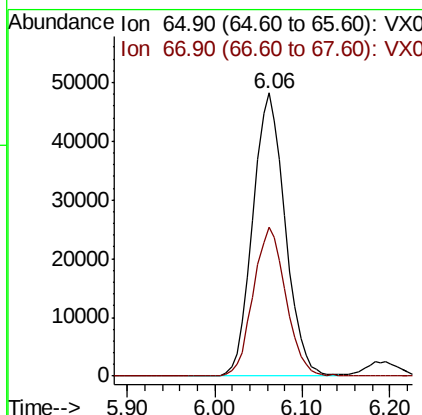
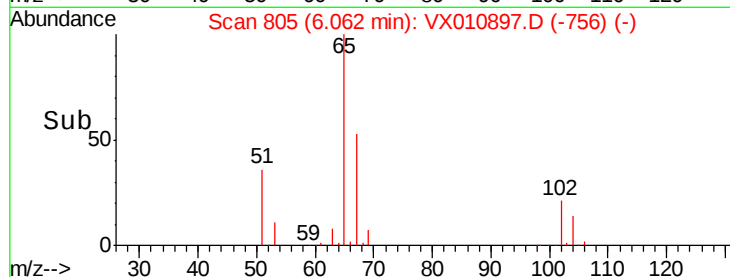
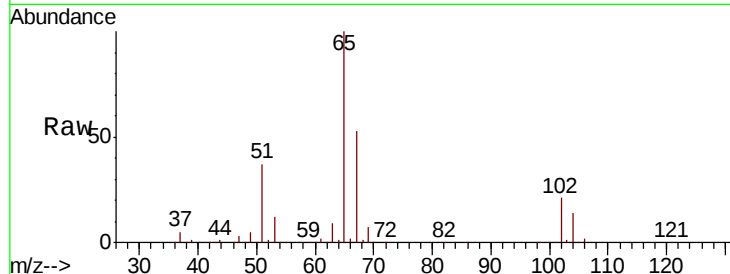




#33
 1,2-Dichloroethane-d4
 Concen: 50.710 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

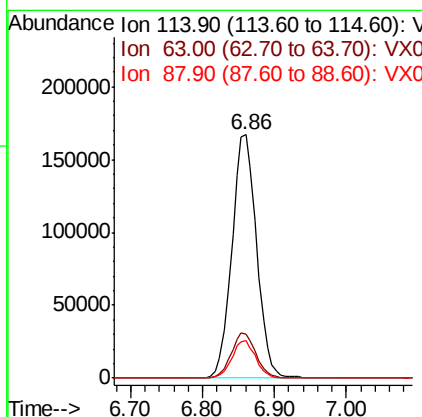
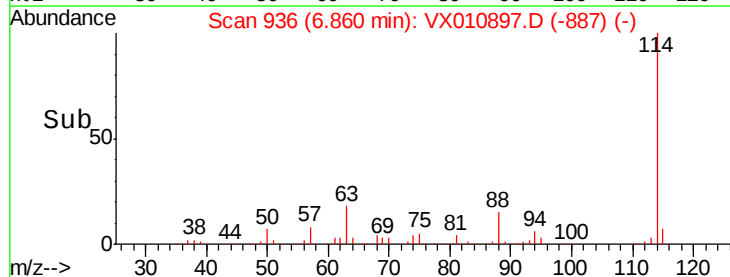
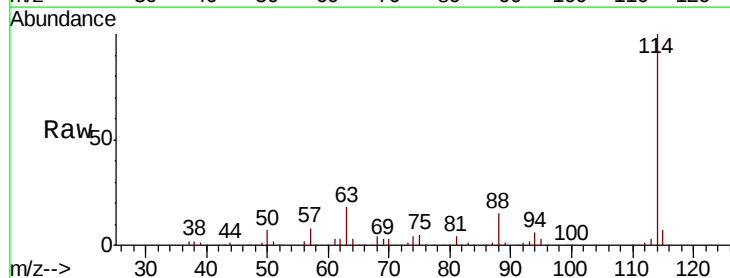
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

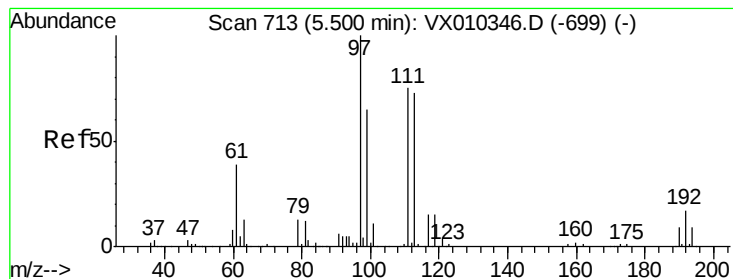
Tot Ion: 65 Resp: 124548
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

Tgt Ion: 114 Resp: 397899
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 33.8
 88 15.3 0.0 27.6





#35

Dibromofluoromethane

Concen: 47.827 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

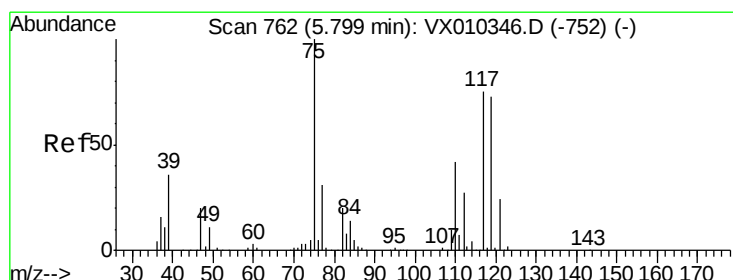
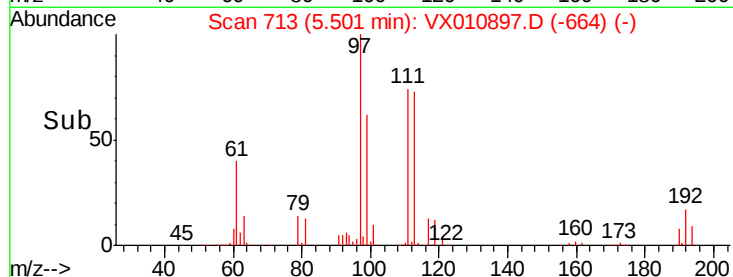
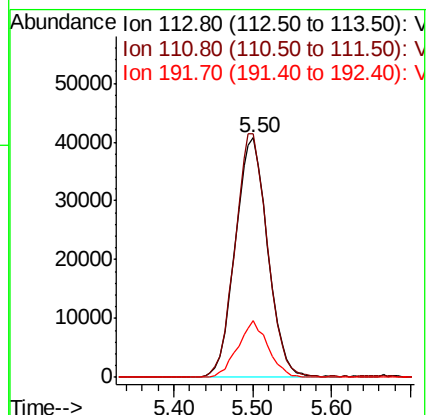
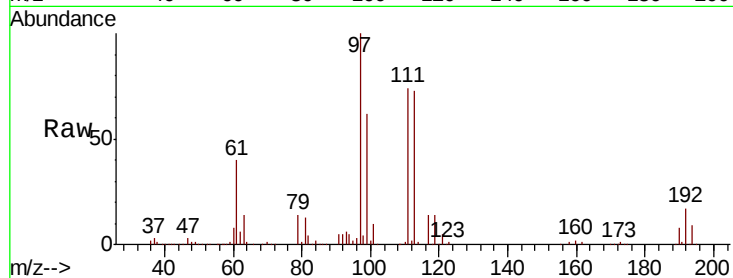
Tot Ion:113 Resp: 116434

Ion Ratio Lower Upper

113 100

111 101.2 81.2 121.8

192 22.1 18.6 27.8



#36

1,1-Dichloropropene

Concen: 45.412 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

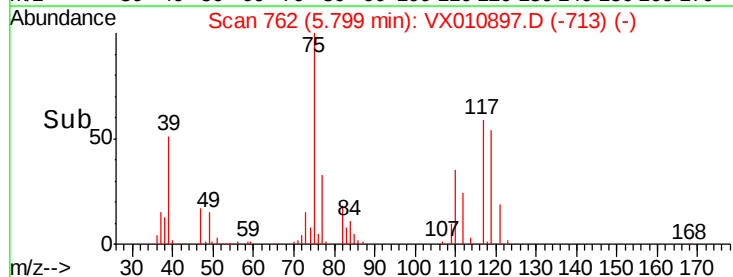
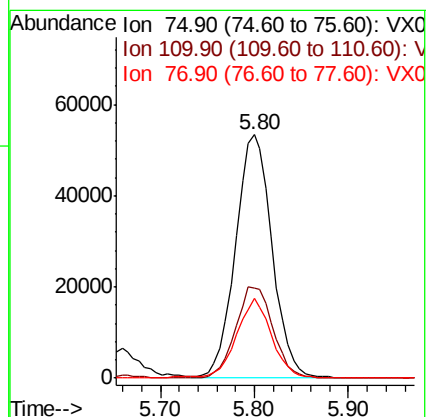
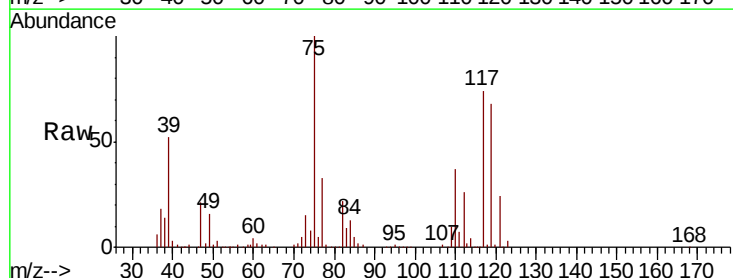
Tgt Ion: 75 Resp: 143589

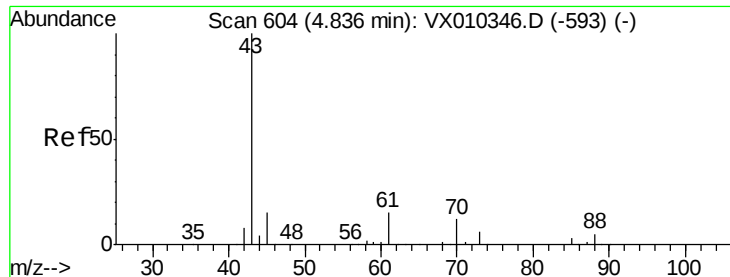
Ion Ratio Lower Upper

75 100

110 38.6 20.8 62.2

77 31.8 25.4 38.0





#37

Ethyl Acetate

Concen: 48.338 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

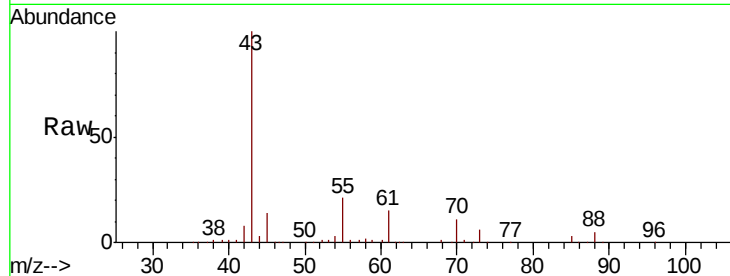
Tot Ion: 43 Resp: 157238

Ion Ratio Lower Upper

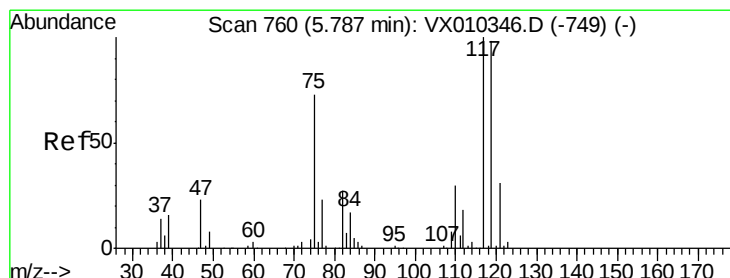
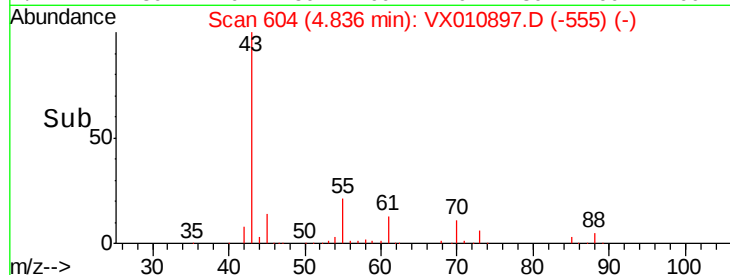
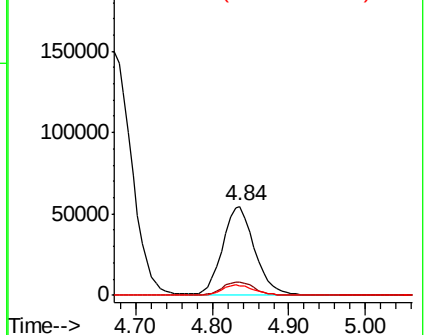
43 100

61 15.5 12.4 18.6

70 11.8 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: 45.501 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

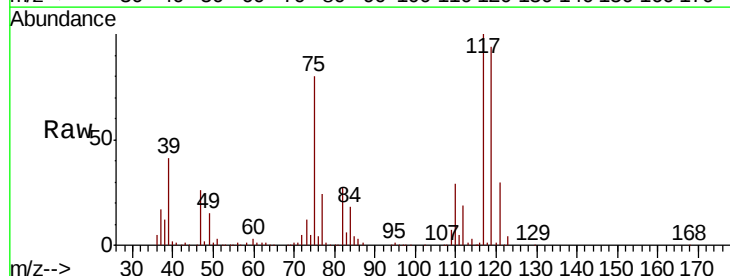
Tgt Ion: 117 Resp: 155794

Ion Ratio Lower Upper

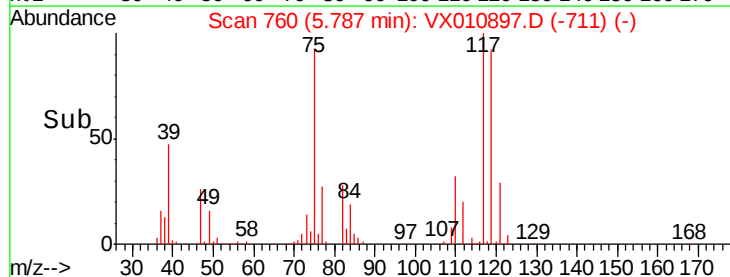
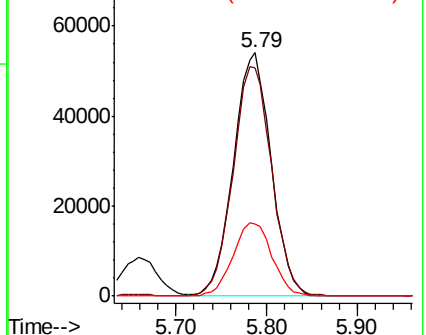
117 100

119 93.6 78.2 117.4

121 29.6 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

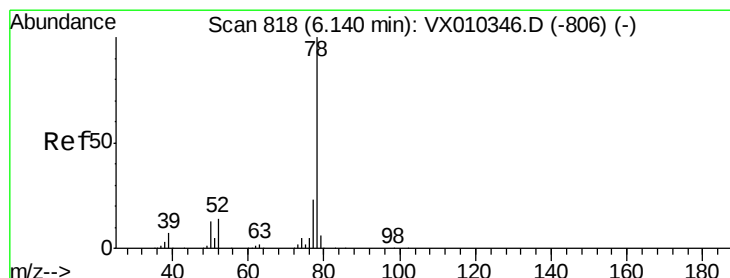
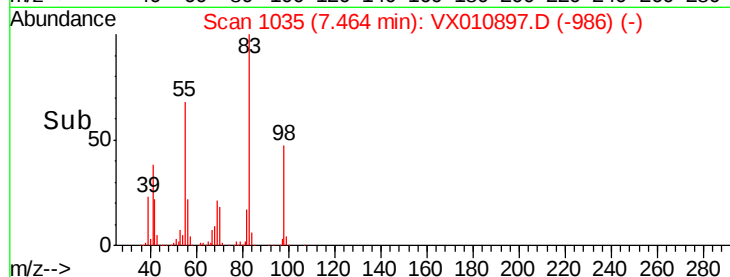
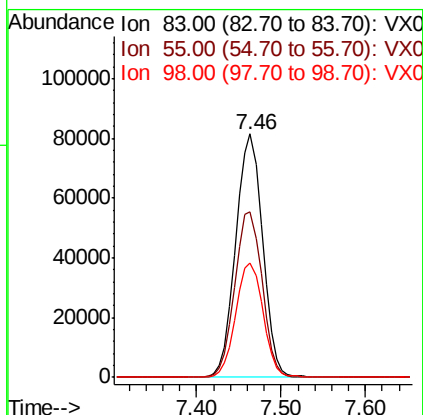
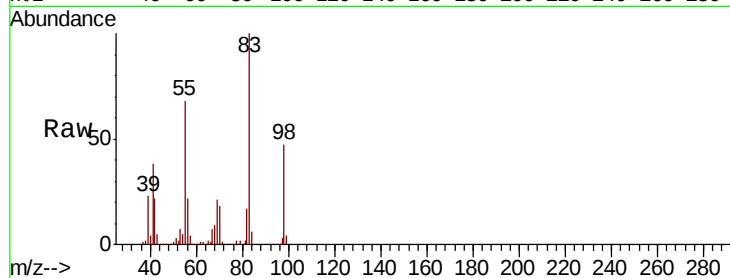




#39
Methvlcvclohexane
Concen: 42.131 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

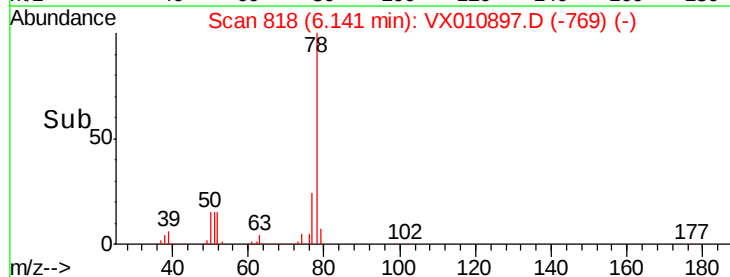
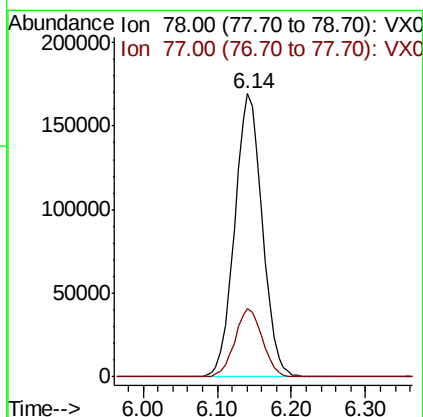
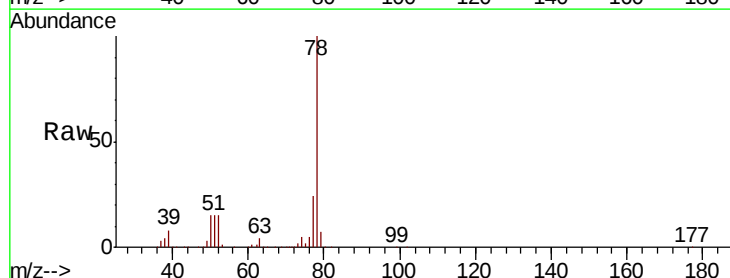
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 175106
Ion Ratio Lower Upper
83 100
55 67.8 53.0 79.6
98 46.7 37.8 56.8



#40
Benzene
Concen: 44.714 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

Tgt Ion: 78 Resp: 440469
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0

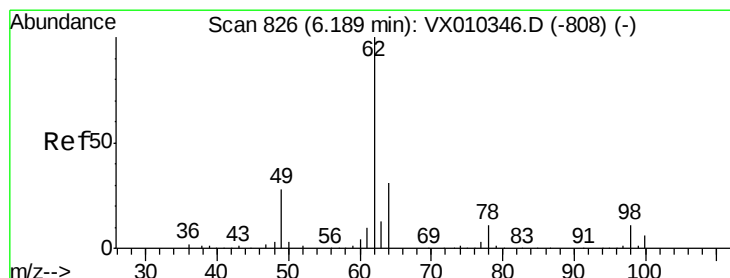
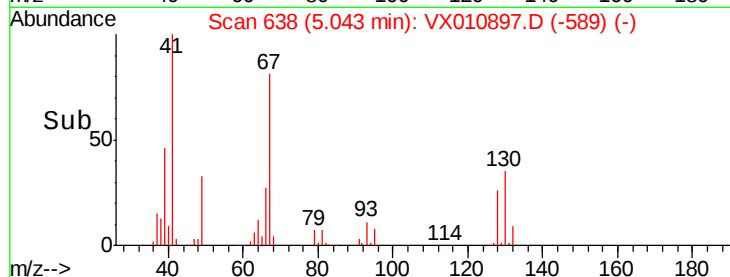
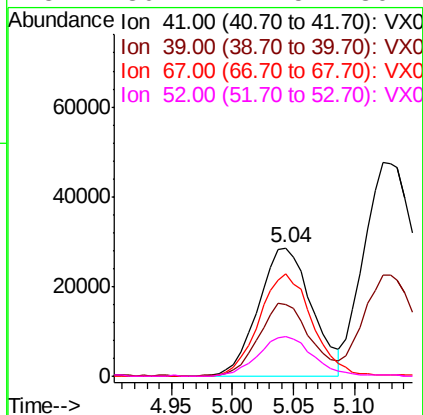
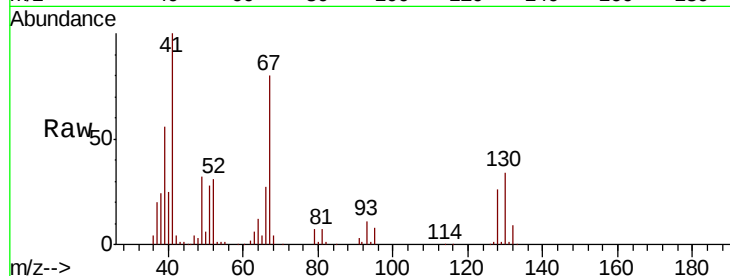




#41
Methacrylonitrile
Concen: 48.619 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

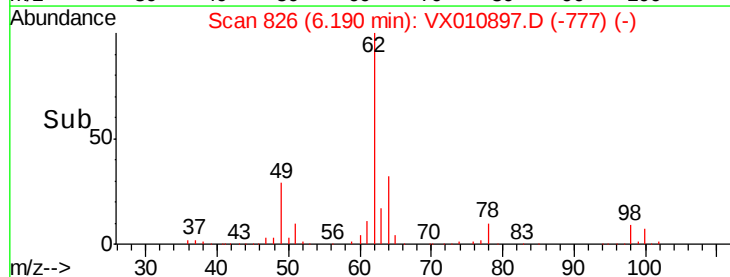
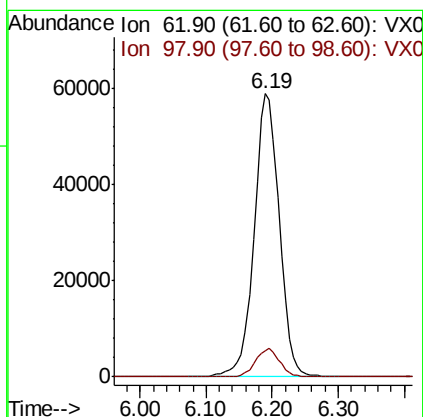
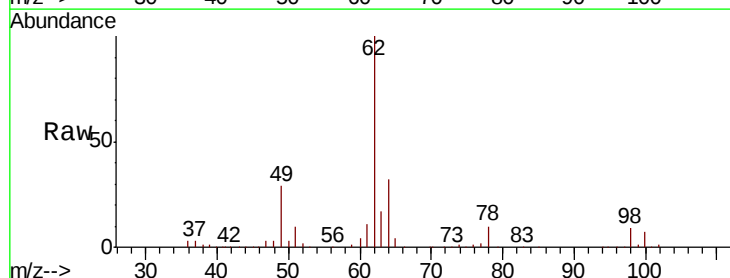
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

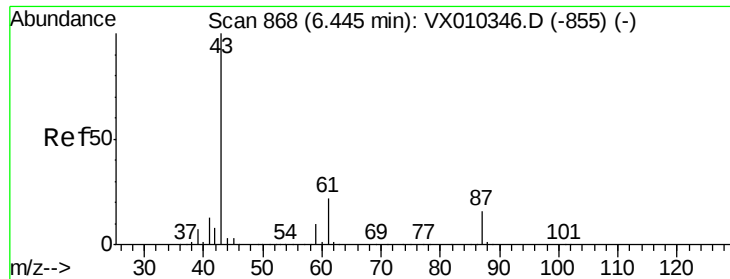
Tot Ion:	41	Resp:	86774
Ion	Ratio	Lower	Upper
41	100		
39	55.0	43.8	65.8
67	80.0	66.6	100.0
52	30.7	24.5	36.7



#42
1,2-Dichloroethane
Concen: 51.988 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

Tgt Ion:	62	Resp:	155893
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	22.2



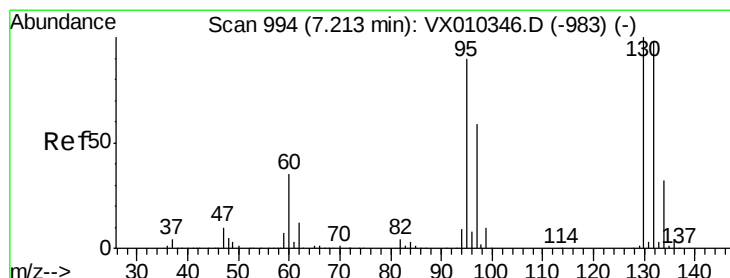
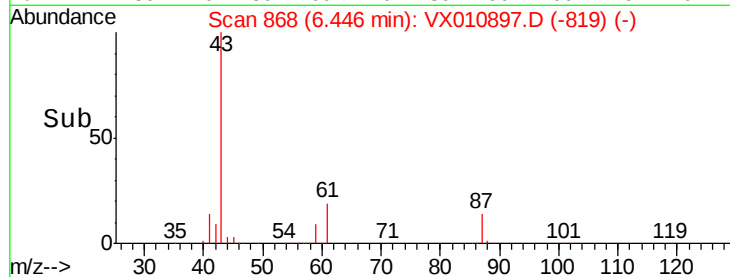
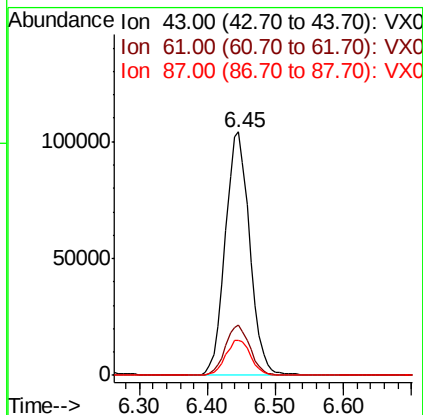
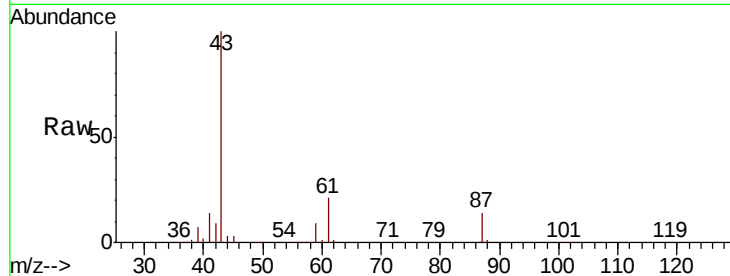


#43

Isopropyl Acetate
 Concen: 48.041 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

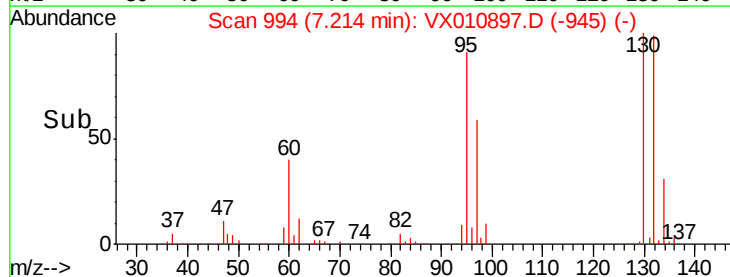
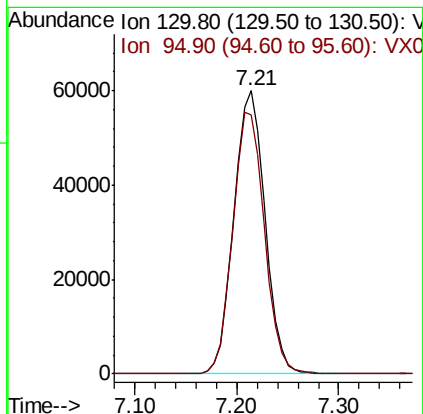
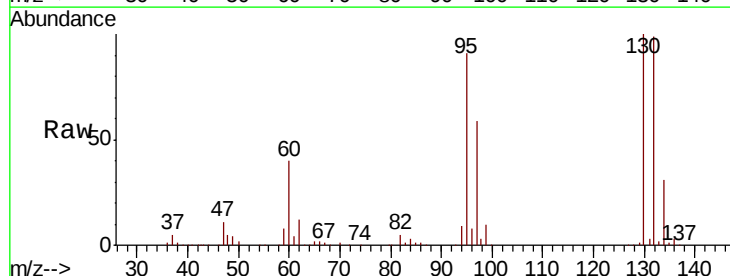
Tot Ion	43	Resp	258545
Ion Ratio	Lower	Upper	
43	100		
61	20.9	17.8	26.6
87	14.9	13.0	19.4

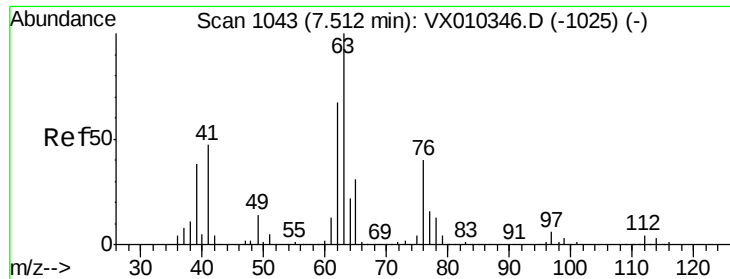


#44

Trichloroethene
 Concen: 43.101 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

Tgt Ion	130	Resp	127047
Ion Ratio	Lower	Upper	
130	100		
95	91.3	0.0	180.8





#45

1,2-Dichloropropane

Concen: 45.234 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

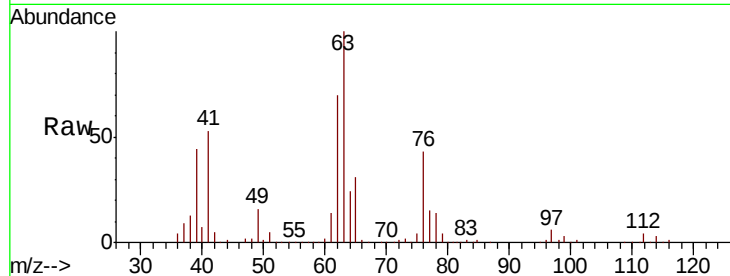
VSTDCCC050EC

Tot Ion: 63 Resp: 112525

Ion Ratio Lower Upper

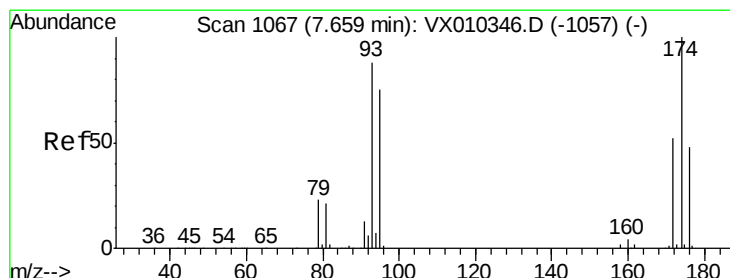
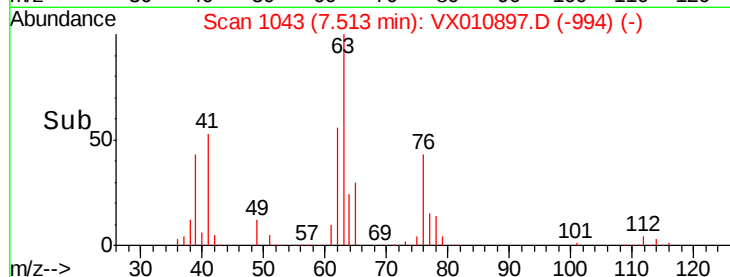
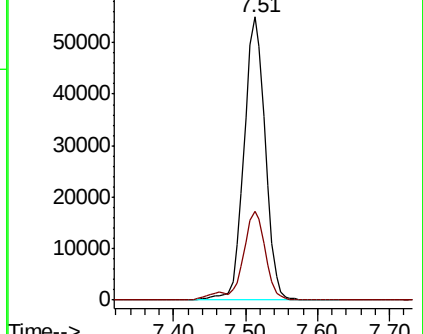
63 100

65 31.3 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: 46.388 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

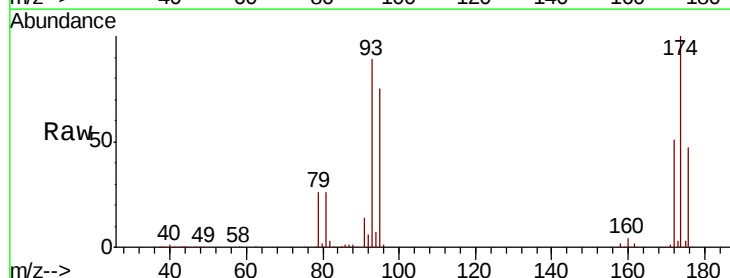
Tgt Ion: 93 Resp: 82793

Ion Ratio Lower Upper

93 100

95 83.2 67.5 101.3

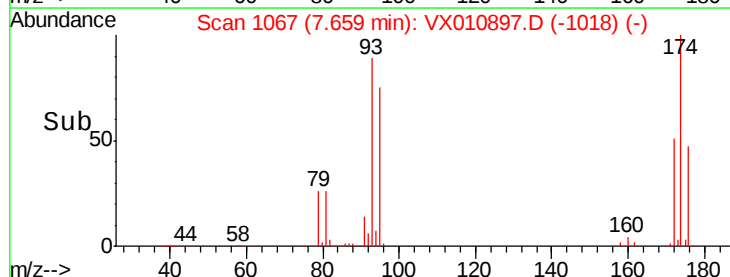
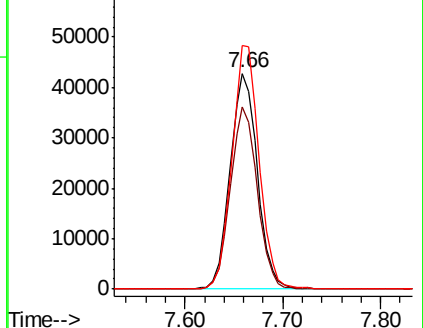
174 112.5 95.8 143.6

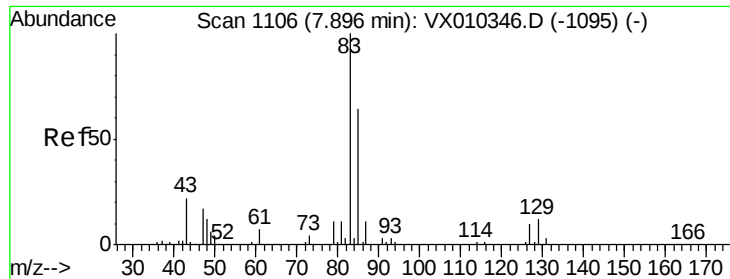


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.578 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

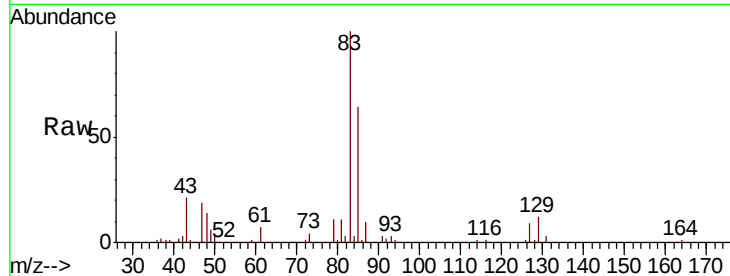
Tot Ion: 83 Resp: 152350

Ion Ratio Lower Upper

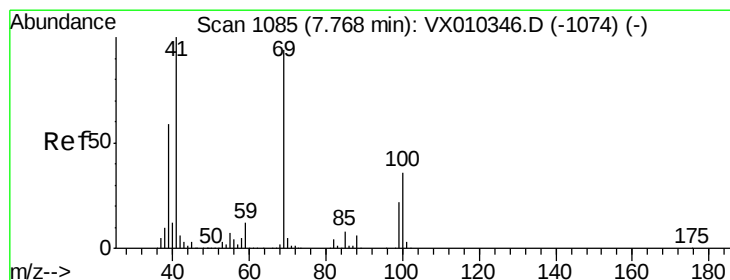
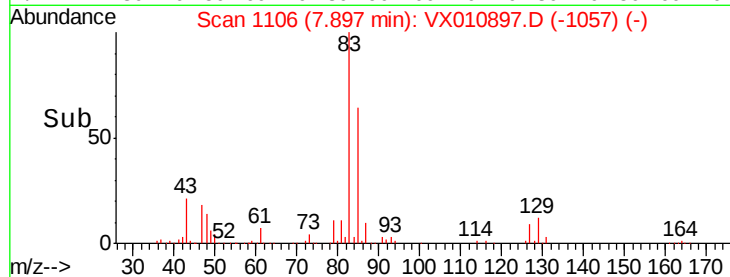
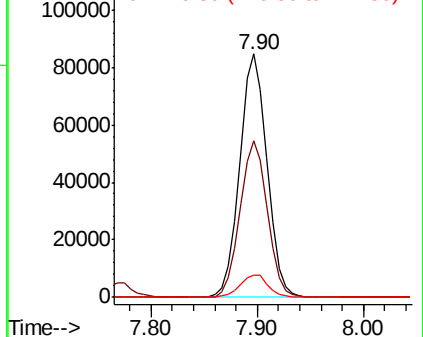
83 100

85 64.2 51.5 77.3

127 9.4 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: 49.519 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

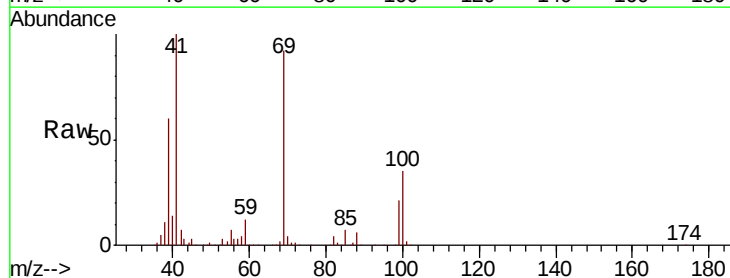
Tgt Ion: 41 Resp: 123875

Ion Ratio Lower Upper

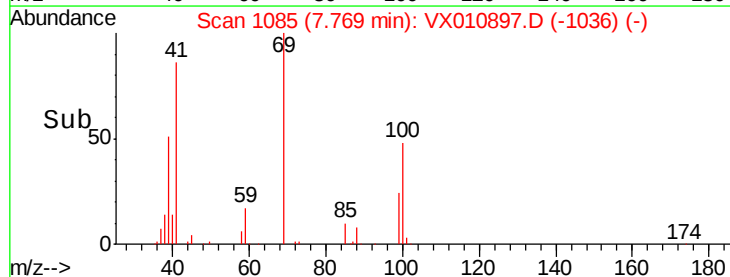
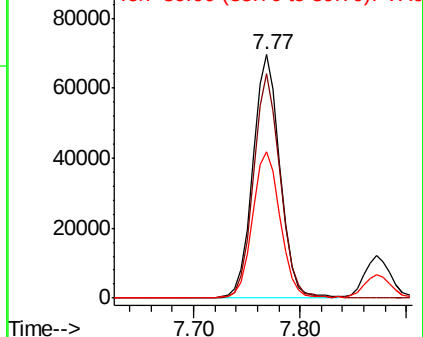
41 100

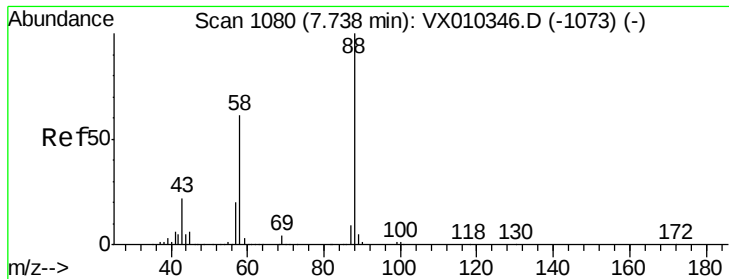
69 91.2 76.1 114.1

39 61.2 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: 933.311 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

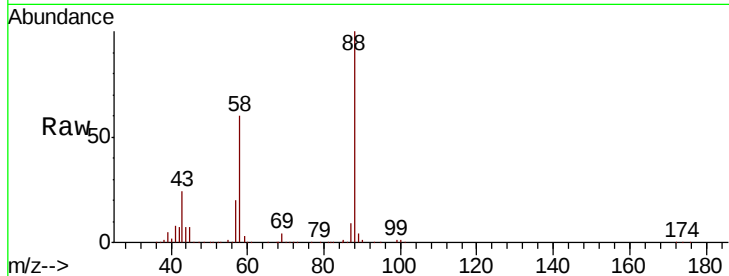
Tot Ion: 88 Resp: 67257

Ion Ratio Lower Upper

88 100

43 28.6 20.2 30.2

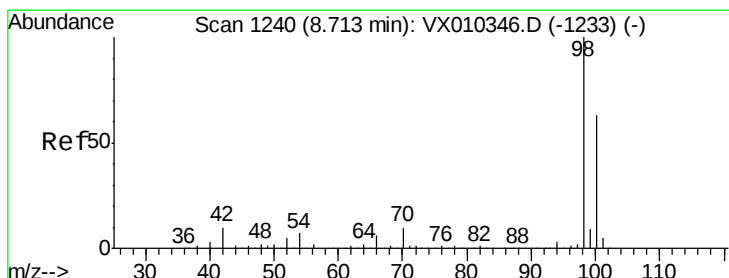
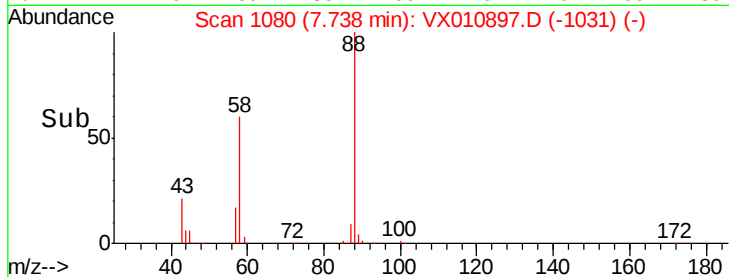
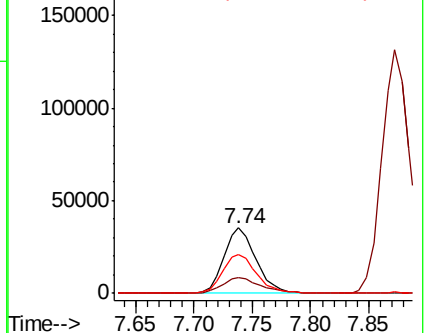
58 63.8 49.5 74.3



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: 44.111 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010897.D

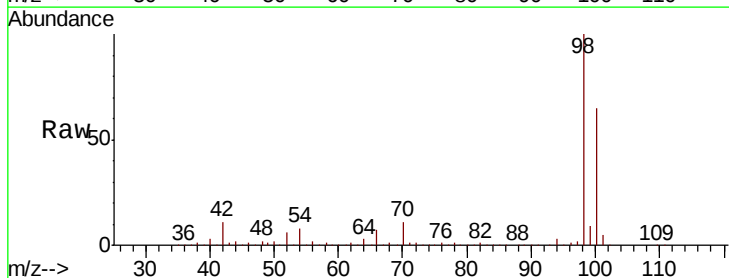
Acq: 15 Jul 2019 20:07

Tgt Ion: 98 Resp: 410843

Ion Ratio Lower Upper

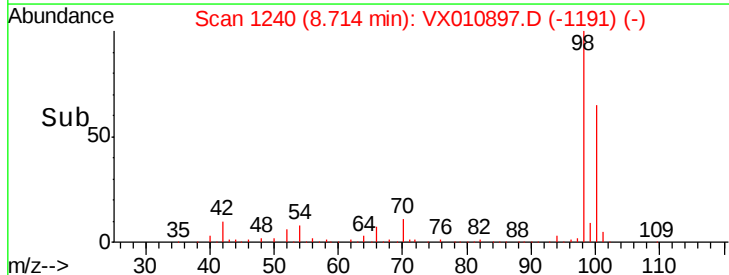
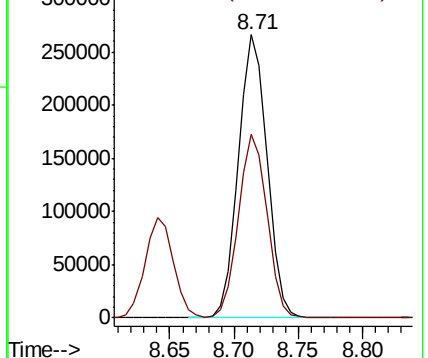
98 100

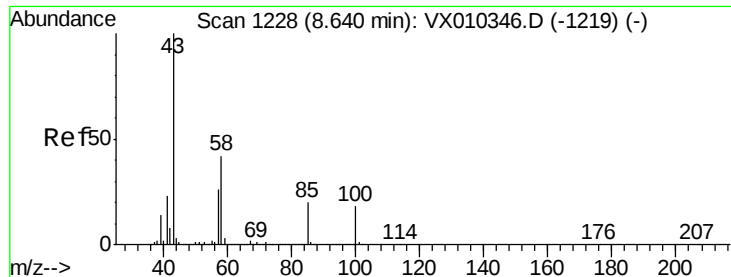
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

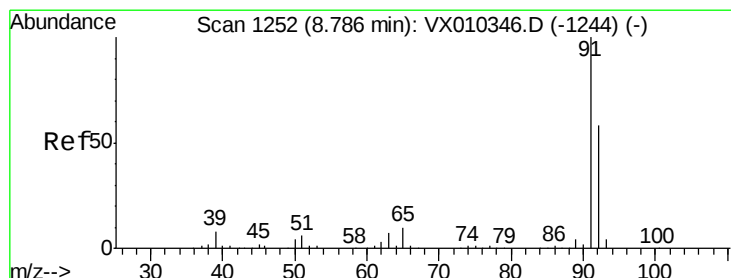
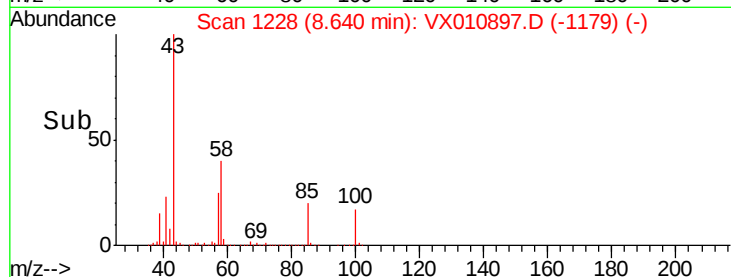
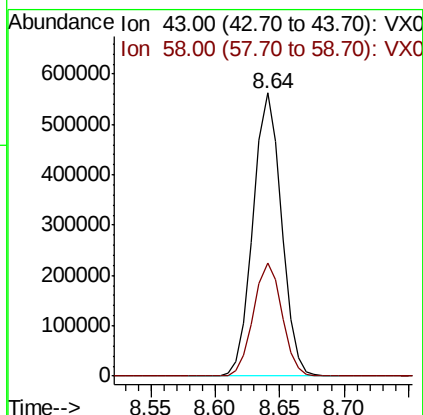
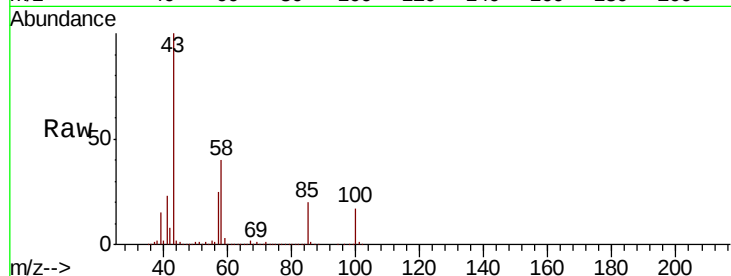




#51
 4-Methyl-2-Pentanone
 Concen: 248.343 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

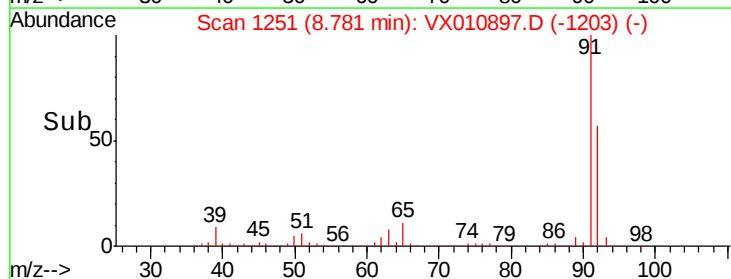
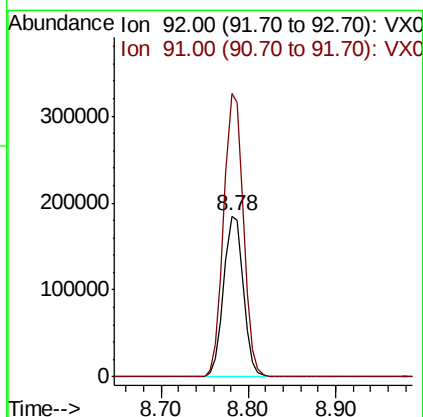
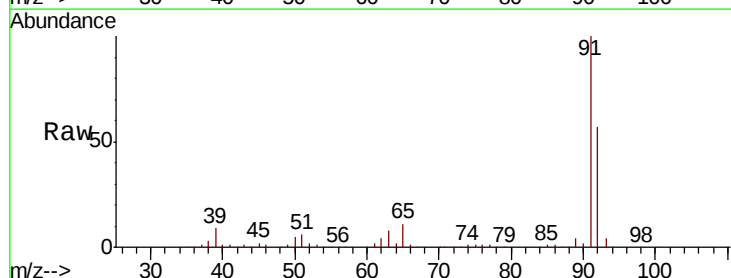
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

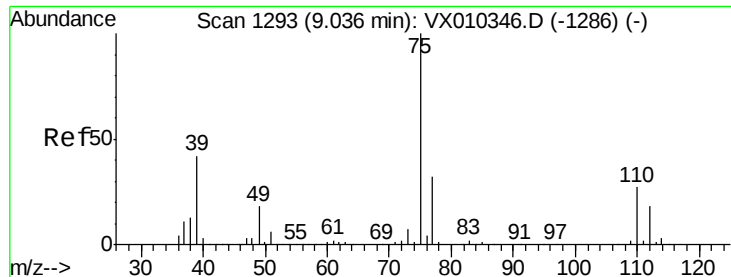
Tot Ion: 43 Resp: 854795
 Ion Ratio Lower Upper
 43 100
 58 40.2 33.5 50.3



#52
 Toluene
 Concen: 44.375 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

Tgt Ion: 92 Resp: 287870
 Ion Ratio Lower Upper
 92 100
 91 176.5 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 45.094 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

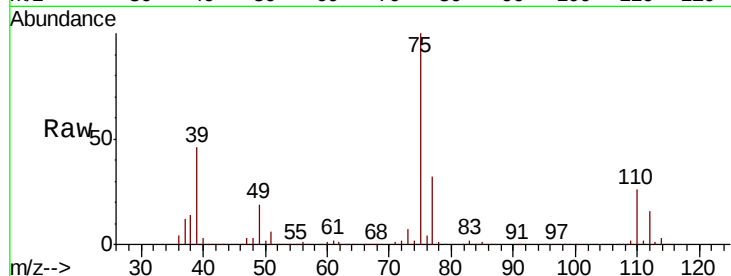
VSTDCCC050EC

Tot Ion: 75 Resp: 165367

Ion Ratio Lower Upper

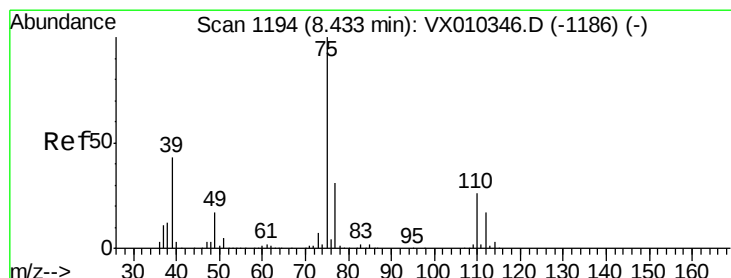
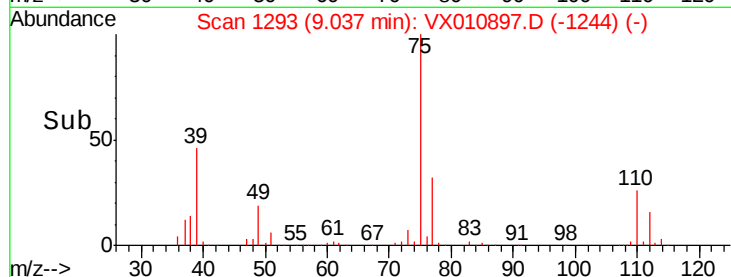
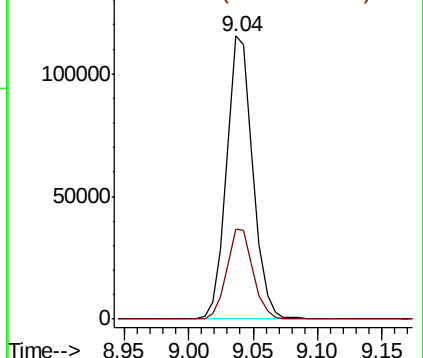
75 100

77 31.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 45.239 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

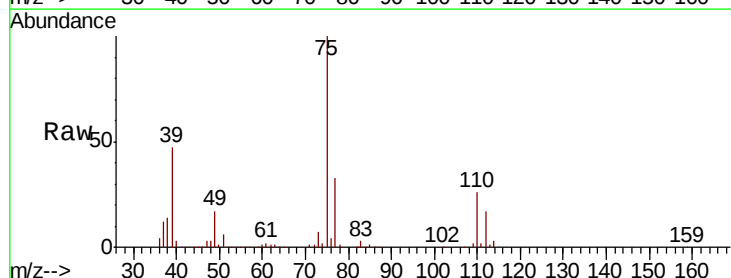
Tgt Ion: 75 Resp: 180281

Ion Ratio Lower Upper

75 100

77 32.9 25.2 37.8

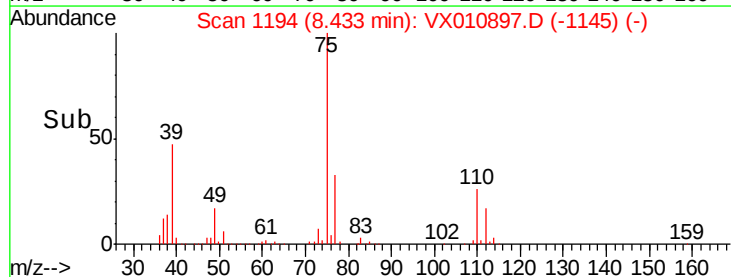
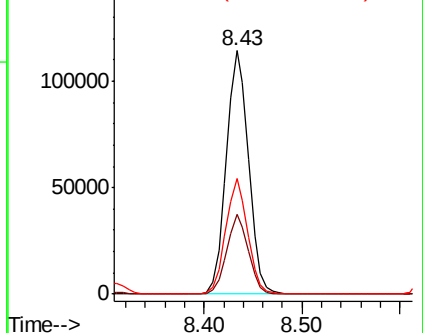
39 47.1 34.5 51.7

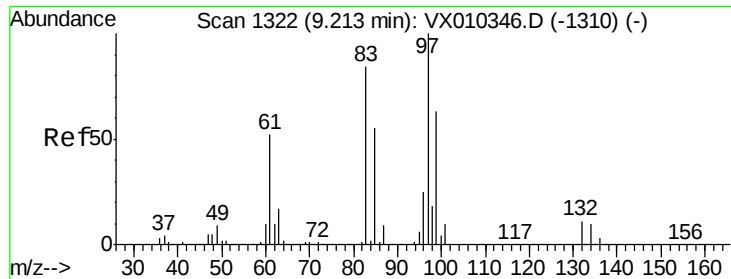


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

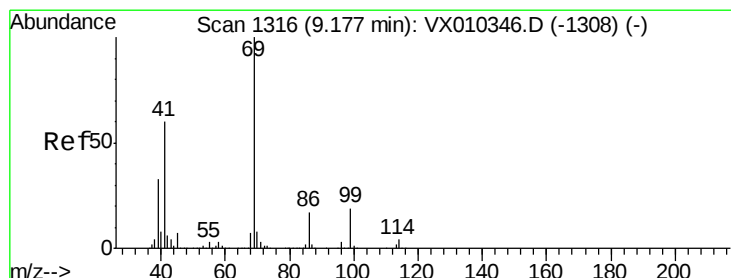
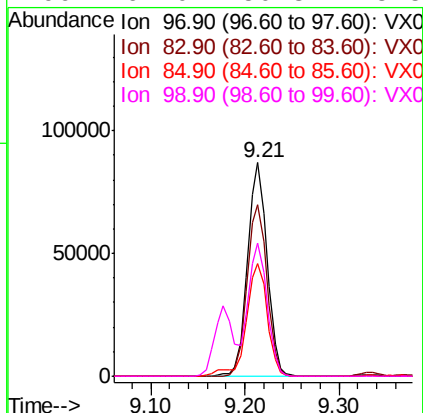
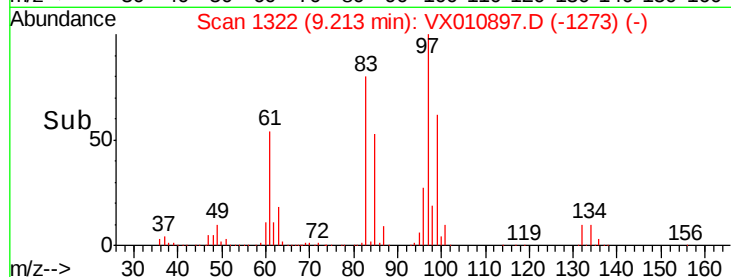
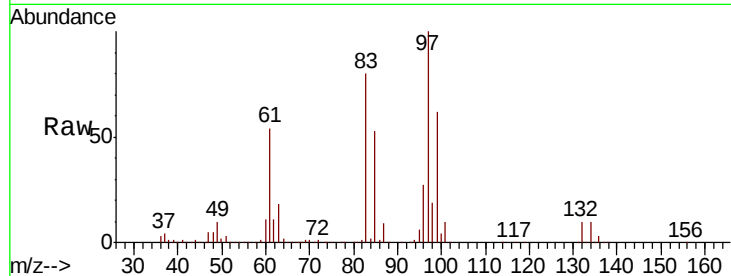




#55
 1,1,2-Trichloroethane
 Concen: 46.818 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

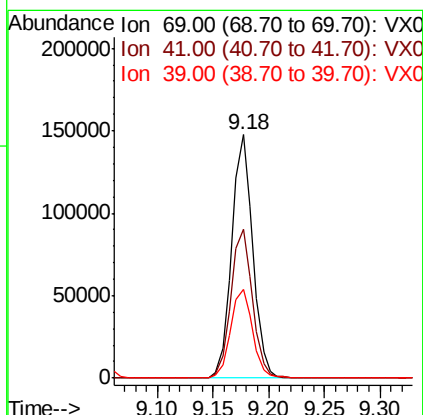
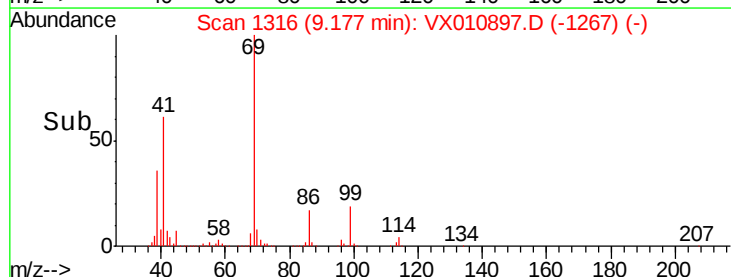
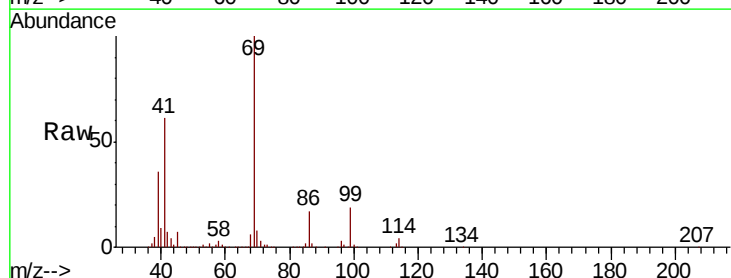
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

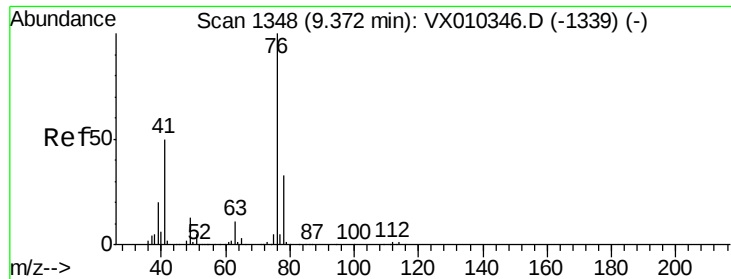
Tot Ion:	97	Resp:	125258
Ion	Ratio	Lower	Upper
97	100		
83	80.4	67.4	101.0
85	53.0	43.8	65.8
99	62.0	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 47.610 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

Tgt Ion:	69	Resp:	192959
Ion	Ratio	Lower	Upper
69	100		
41	62.4	47.1	70.7
39	37.6	26.6	40.0

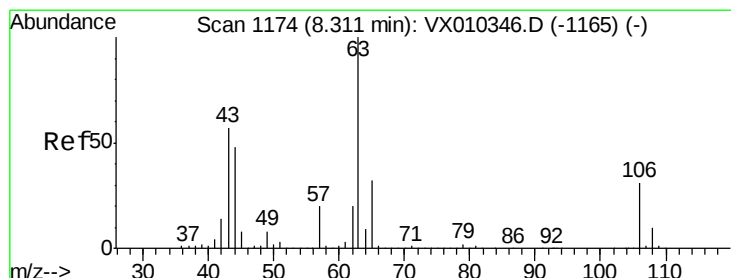
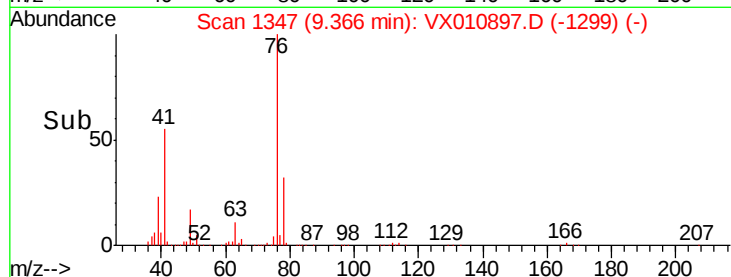
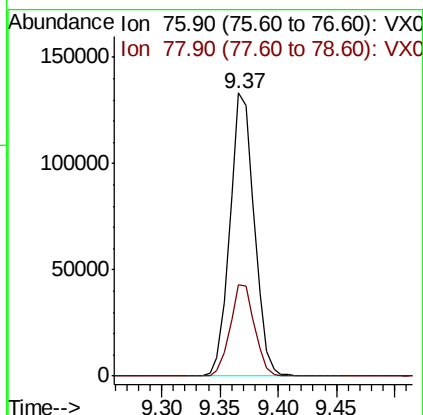
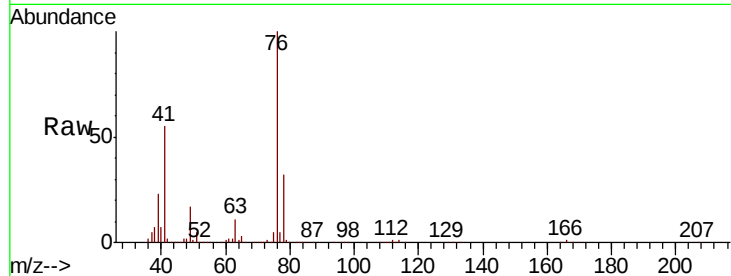




#57
 1,3-Dichloropropane
 Concen: 46.735 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

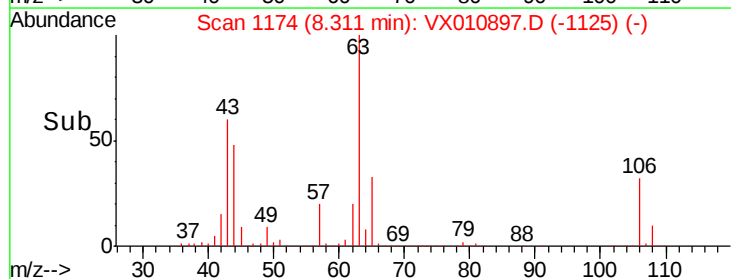
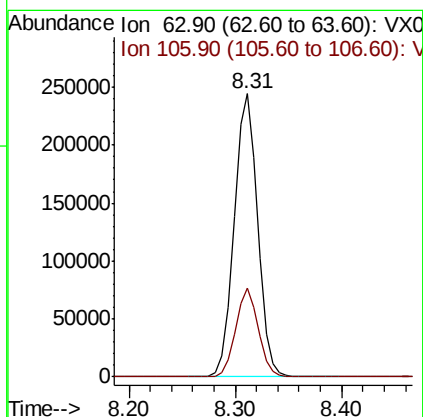
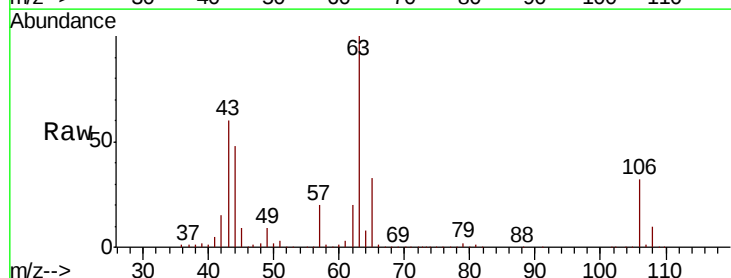
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 194096
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 195.161 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

Tgt Ion: 63 Resp: 375657
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.7 37.1

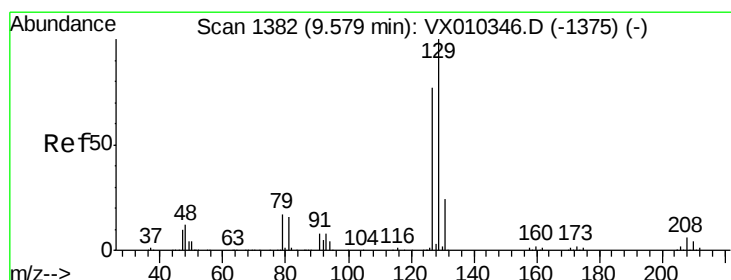
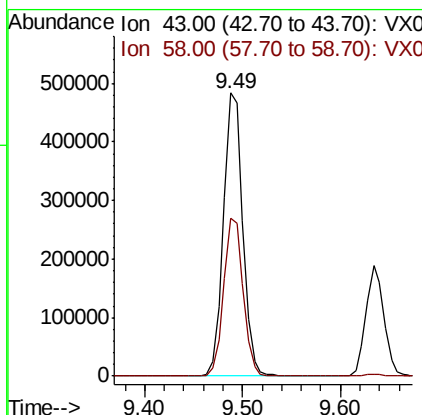
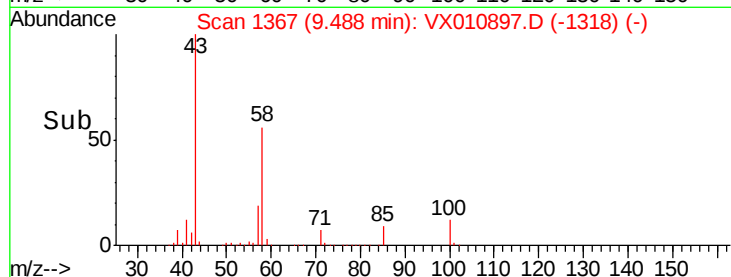
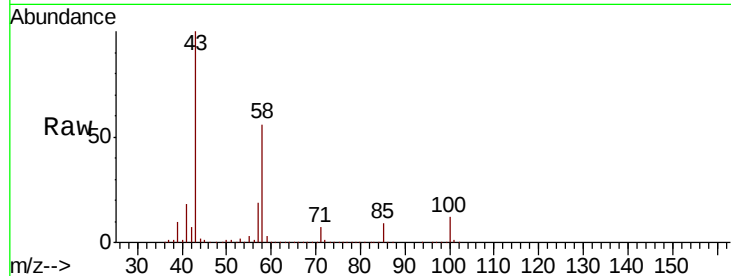




#59
2-Hexanone
Concen: 244.075 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

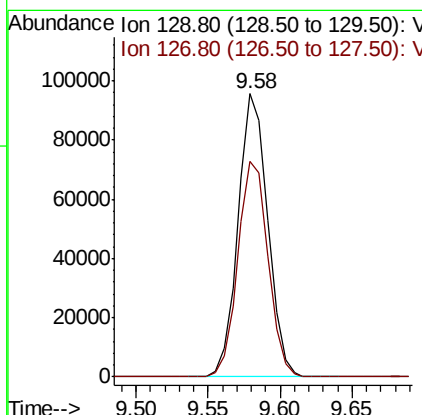
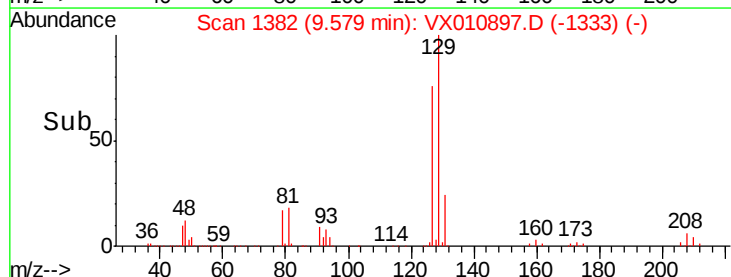
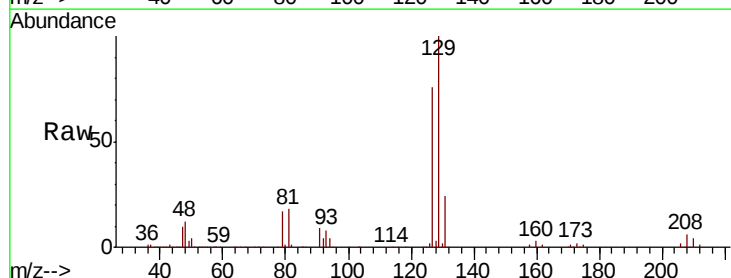
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

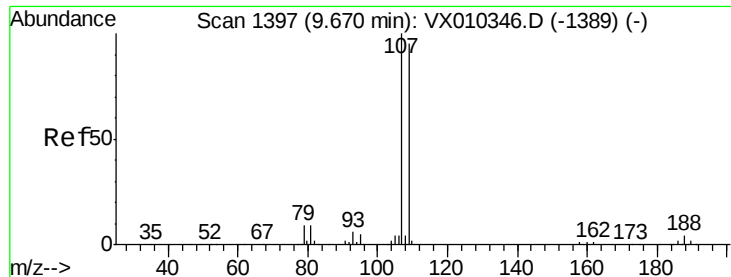
Tot Ion: 43 Resp: 661192
Ion Ratio Lower Upper
43 100
58 56.4 29.0 87.1



#60
Dibromochloromethane
Concen: 45.625 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

Tgt Ion: 129 Resp: 136675
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 46.052 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

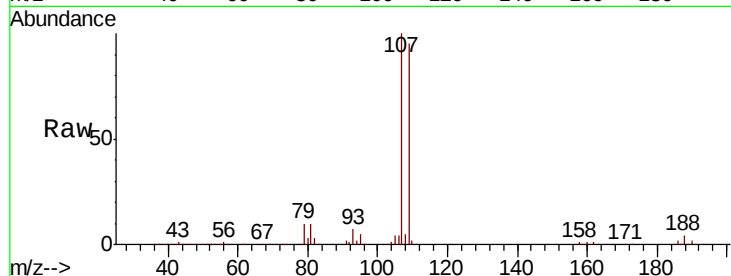
VSTDCCC050EC

Tot Ion:107 Resp: 132989

Ion Ratio Lower Upper

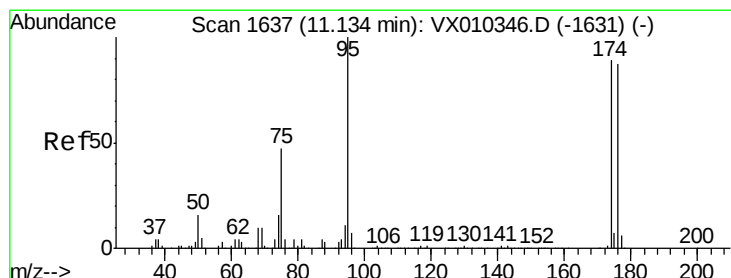
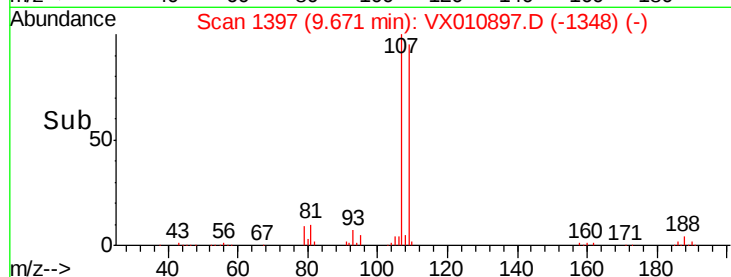
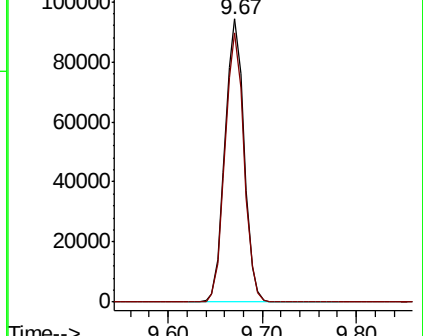
107 100

109 94.7 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: 48.905 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

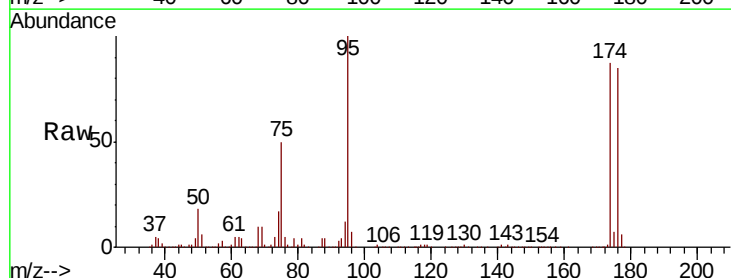
Tgt Ion: 95 Resp: 164445

Ion Ratio Lower Upper

95 100

174 90.6 0.0 187.6

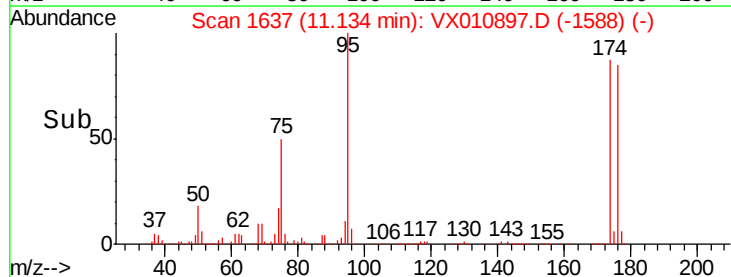
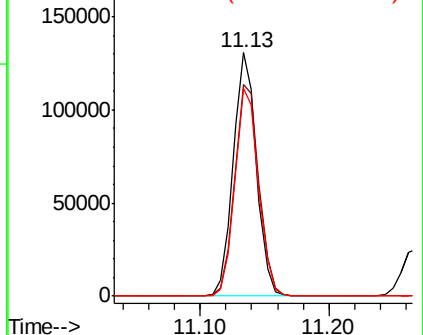
176 86.8 0.0 184.0

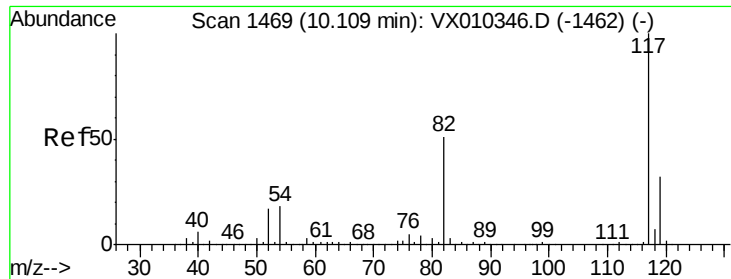


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

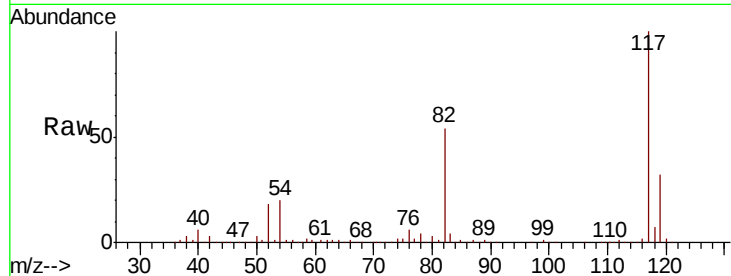




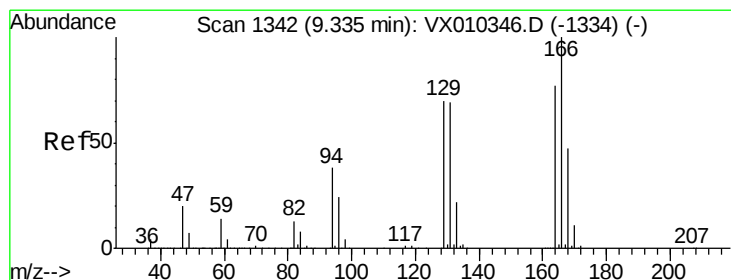
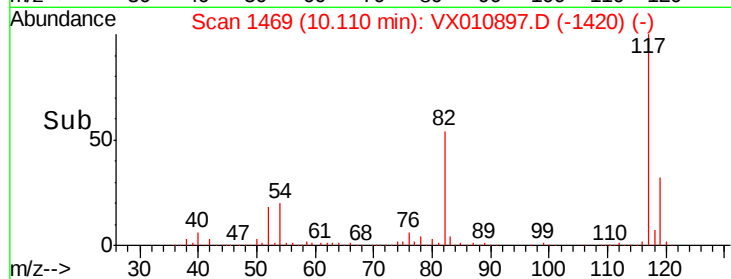
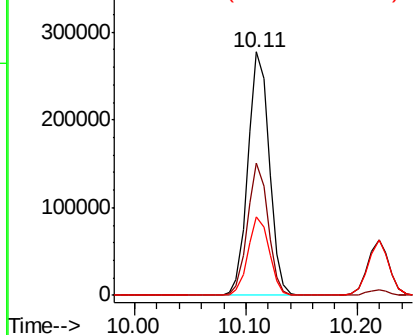
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 369154
Ion Ratio Lower Upper
117 100
82 54.2 41.2 61.8
119 32.1 25.5 38.3



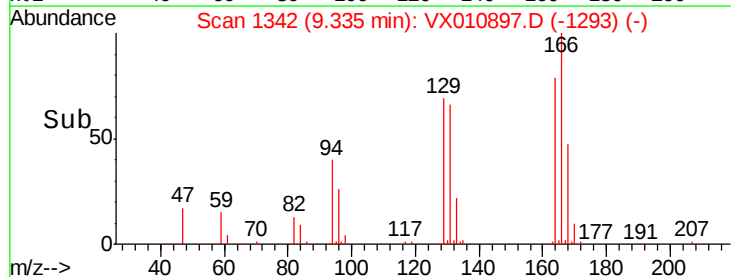
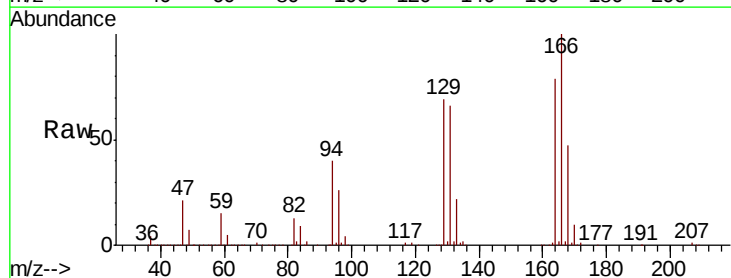
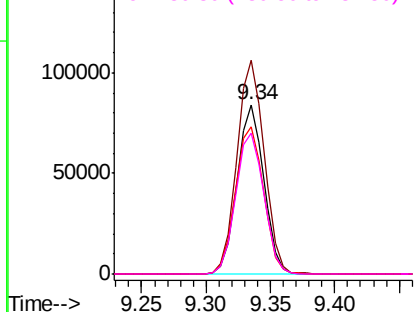
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

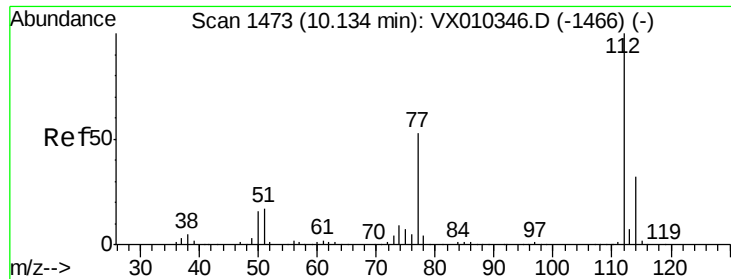


#64
Tetrachloroethene
Concen: 40.397 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

Tgt Ion:164 Resp: 120617
Ion Ratio Lower Upper
164 100
166 125.9 103.6 155.4
129 86.9 73.0 109.4
131 82.8 71.0 106.4

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

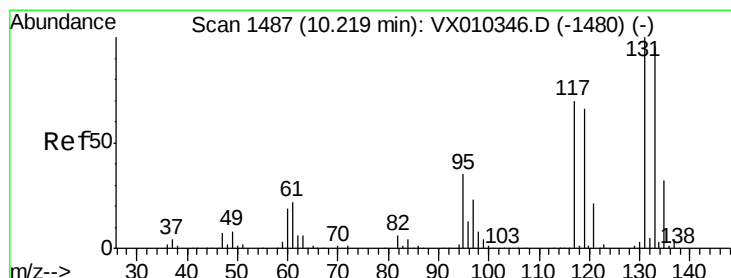
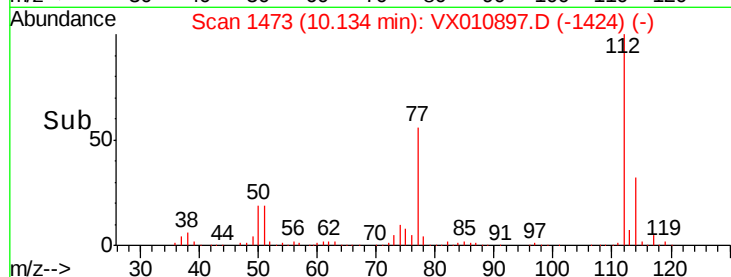
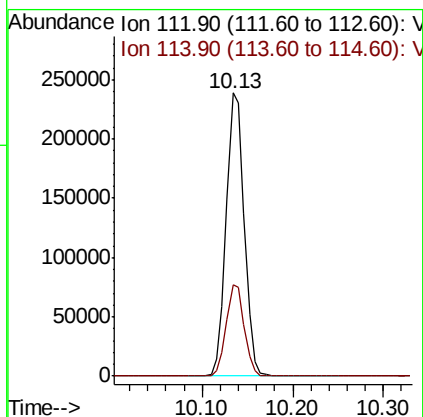
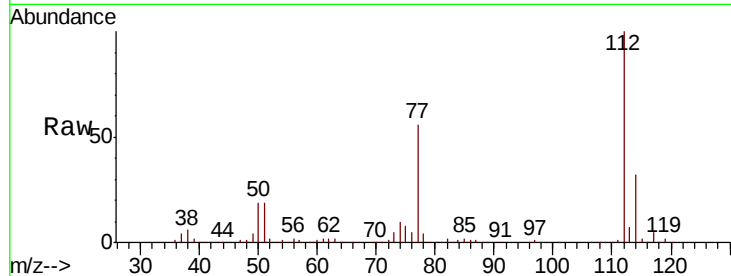




#65
Chlorobenzene
Concen: 44.078 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

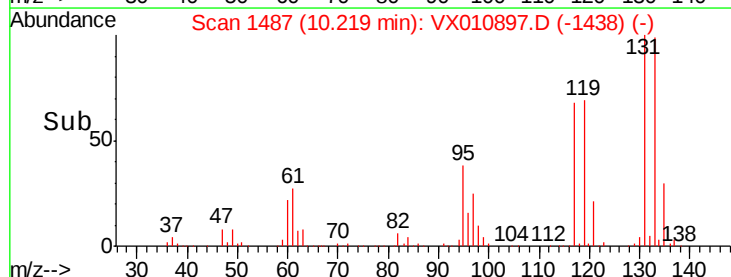
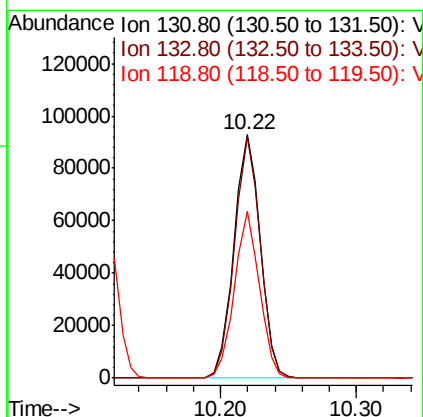
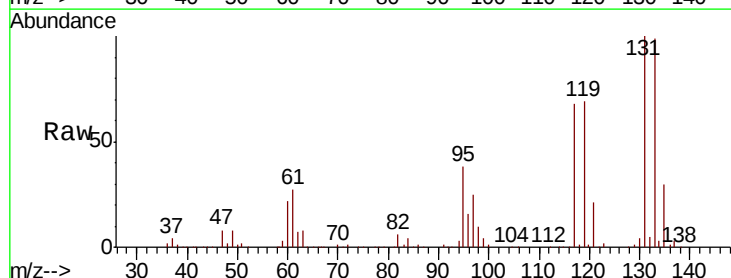
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

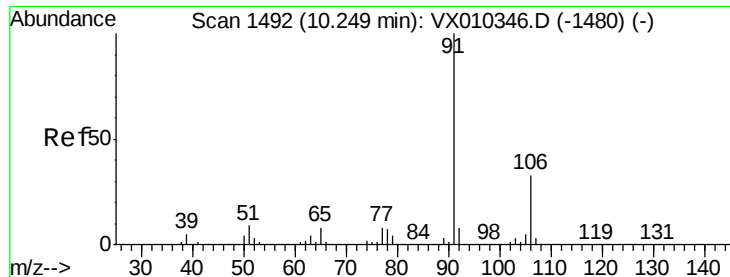
Tot Ion:112 Resp: 330347
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 45.782 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

Tgt Ion:131 Resp: 124980
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 65.2 32.6 97.7

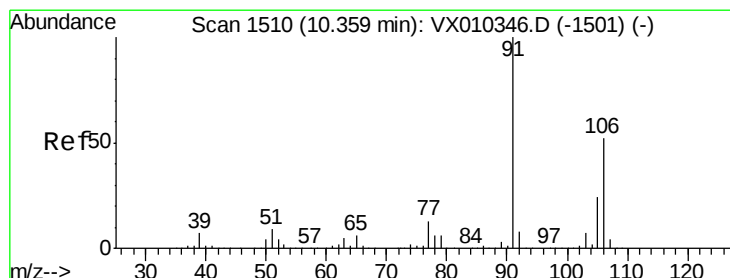
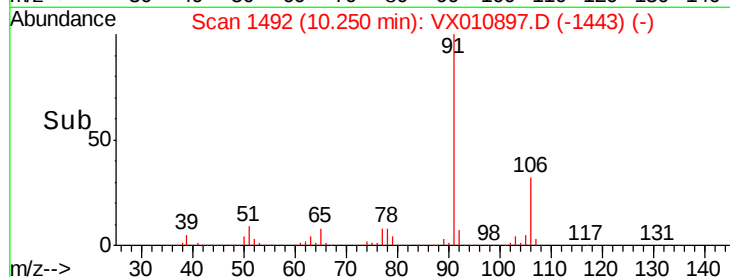
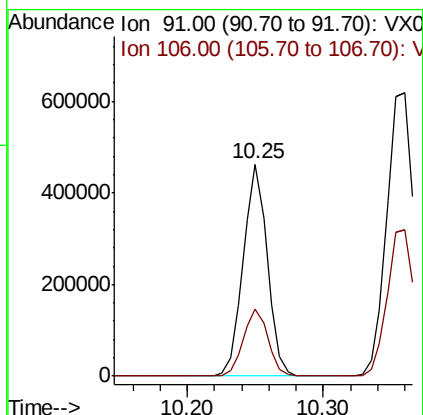
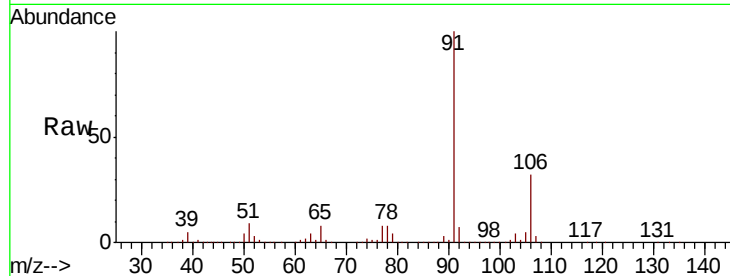




#67
Ethyl Benzene
Concen: 45.231 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

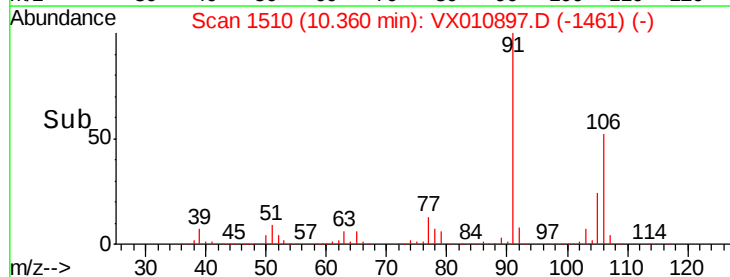
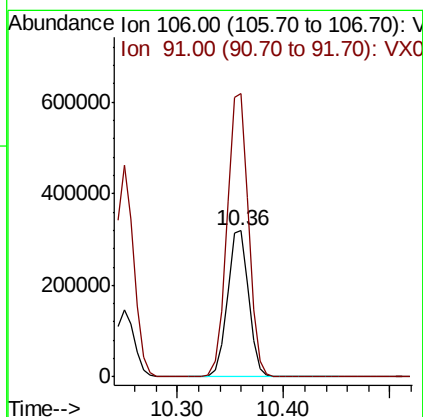
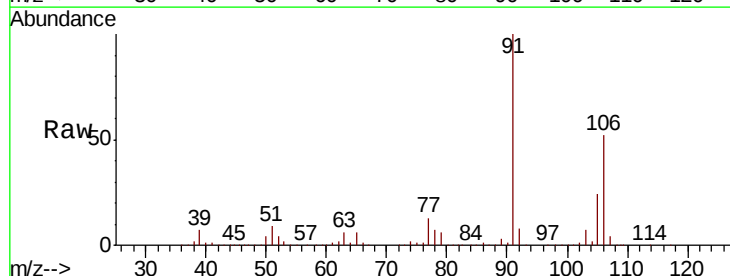
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

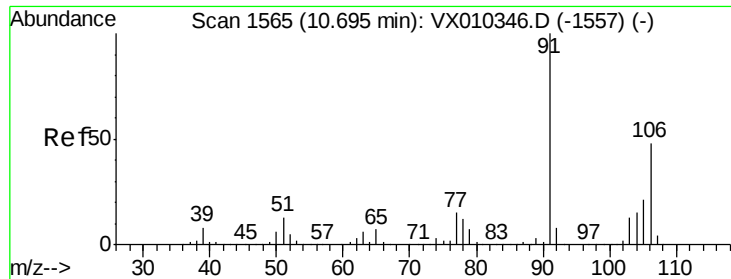
Tot Ion: 91 Resp: 572275
Ion Ratio Lower Upper
91 100
106 31.6 26.2 39.2



#68
m/p-Xylenes
Concen: 90.524 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

Tgt Ion: 106 Resp: 443793
Ion Ratio Lower Upper
106 100
91 195.9 155.3 232.9

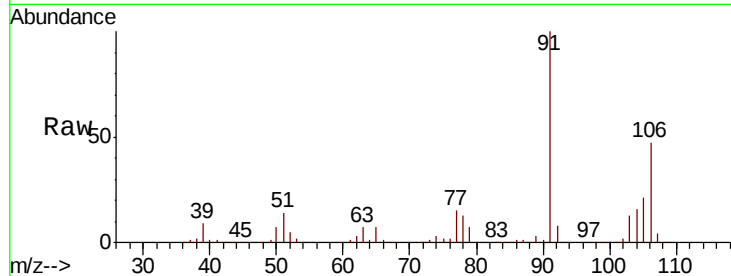




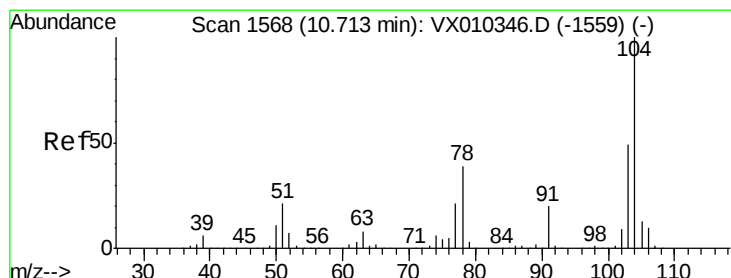
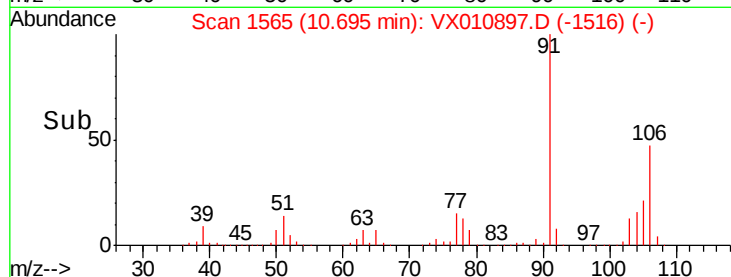
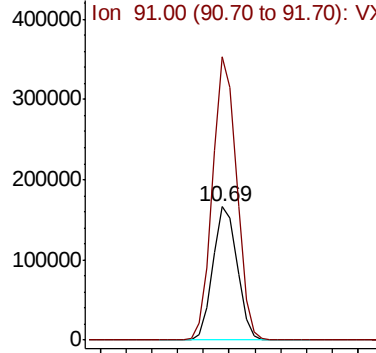
#69
o-Xylene
Concen: 44.889 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 216417
Ion Ratio Lower Upper
106 100
91 210.9 102.7 308.1

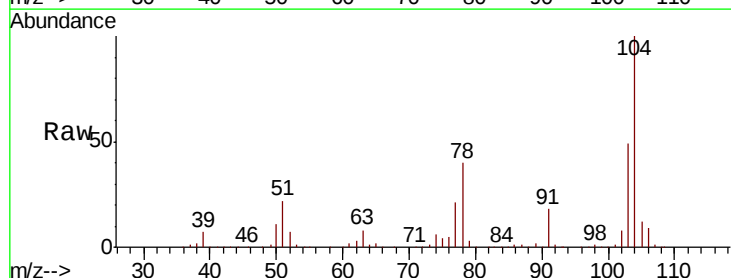


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

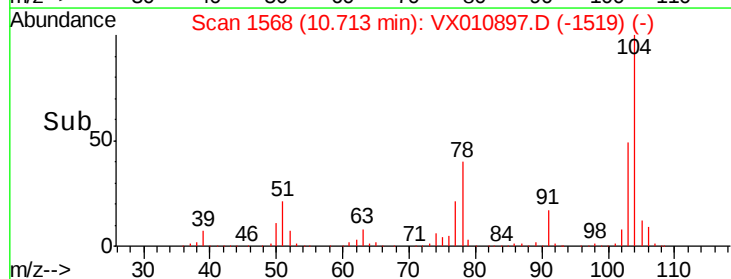
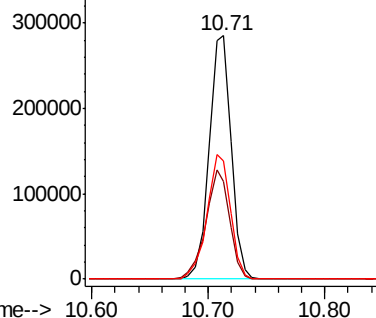


#70
Styrene
Concen: 46.562 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

Tgt Ion:104 Resp: 376469
Ion Ratio Lower Upper
104 100
78 48.1 36.2 54.2
103 54.7 44.2 66.4



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





#71

Bromoform

Concen: 45.204 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

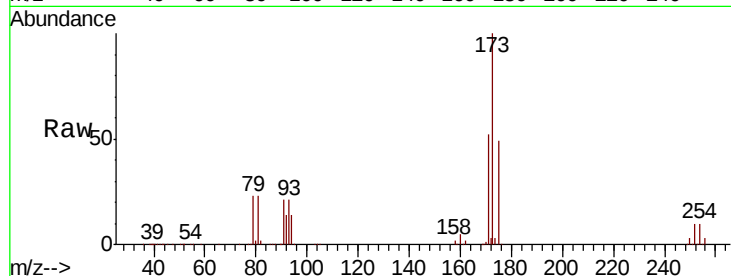
Tot Ion:173 Resp: 107313

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.3

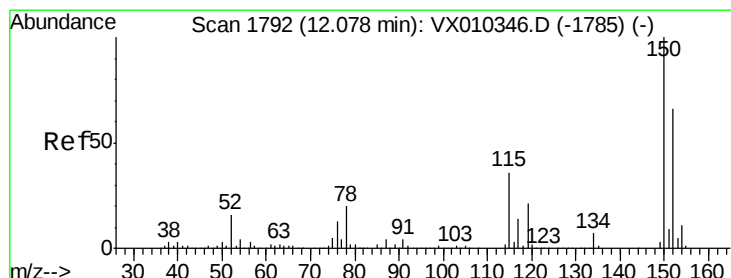
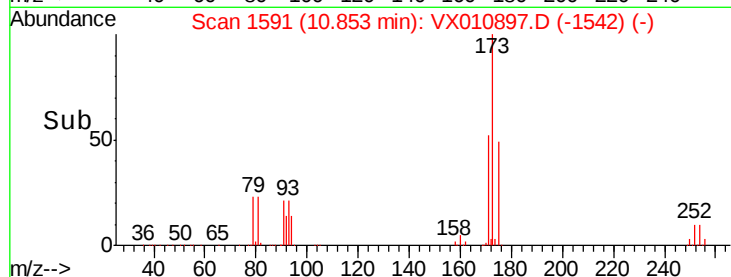
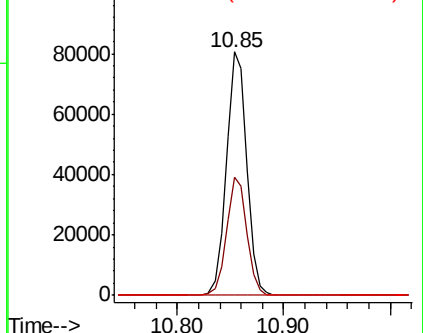
254 0.2 0.2 0.2



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: VX010897.D

Acq: 15 Jul 2019 20:07

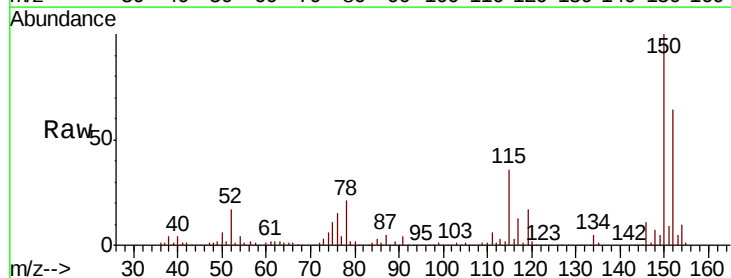
Tgt Ion:152 Resp: 195643

Ion Ratio Lower Upper

152 100

115 77.1 38.6 115.7

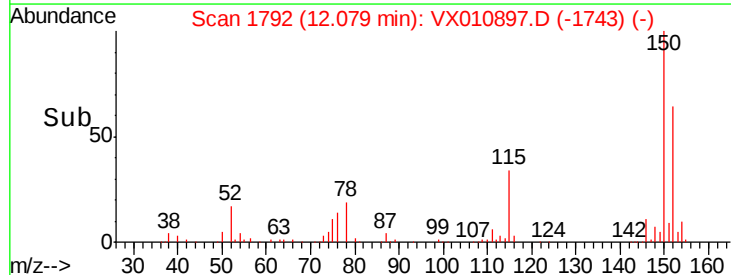
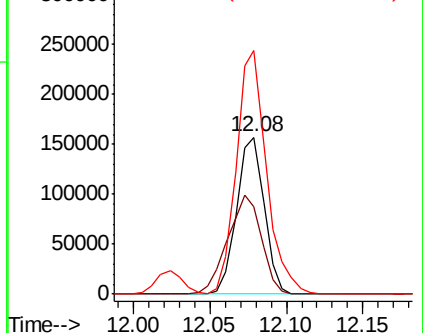
150 170.0 0.0 347.4

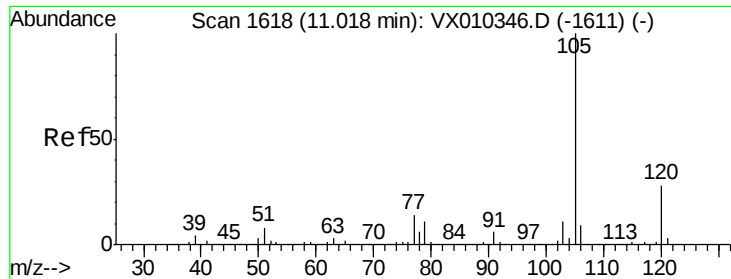


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.271 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

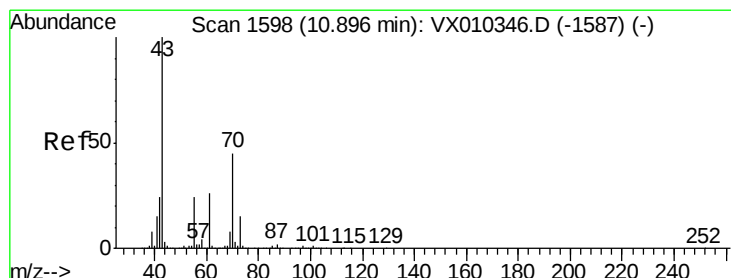
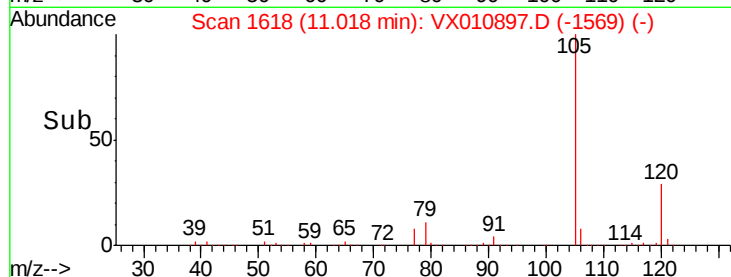
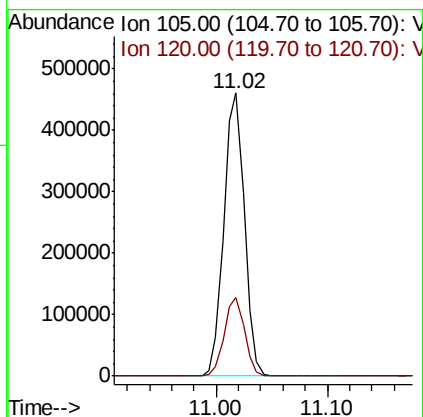
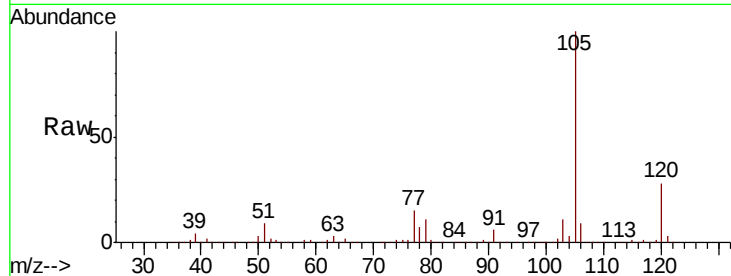
VSTDCCC050EC

Tot Ion:105 Resp: 587133

Ion Ratio Lower Upper

105 100

120 27.4 14.1 42.4



#74

N-ethyl acetate

Concen: 48.194 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Tgt Ion: 43 Resp: 241551

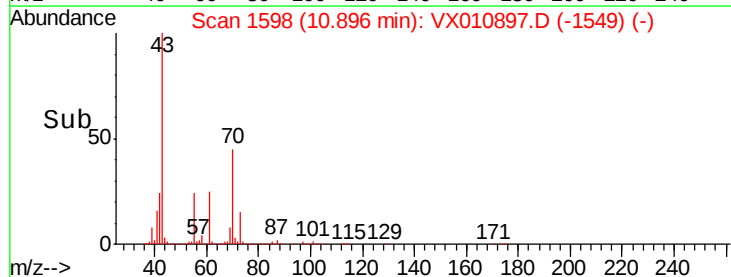
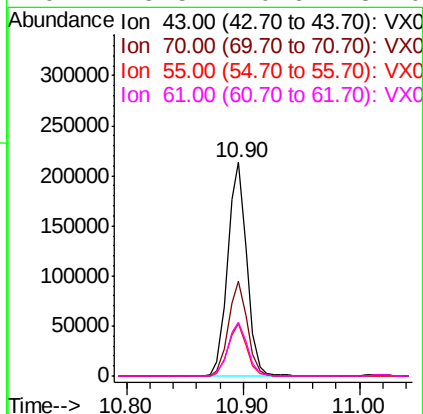
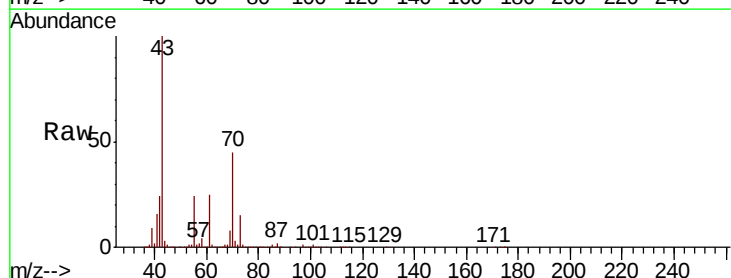
Ion Ratio Lower Upper

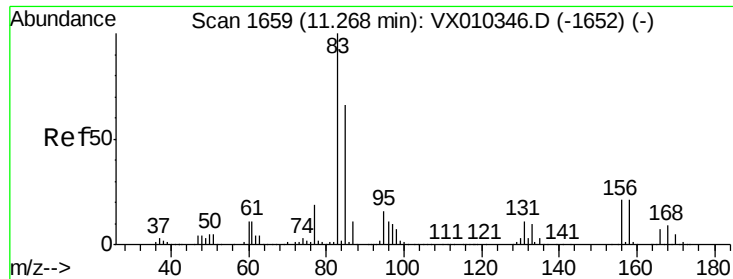
43 100

70 44.1 36.6 54.8

55 24.2 18.7 28.1

61 25.5 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.606 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

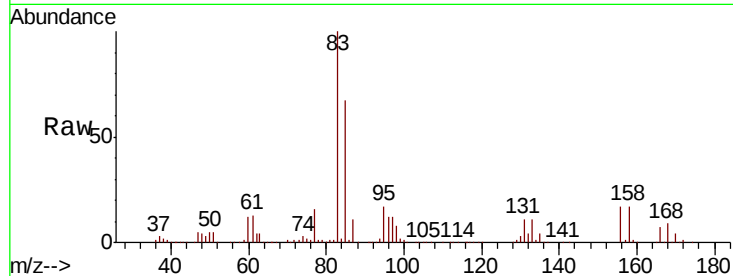
Tot Ion: 83 Resp: 195914

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

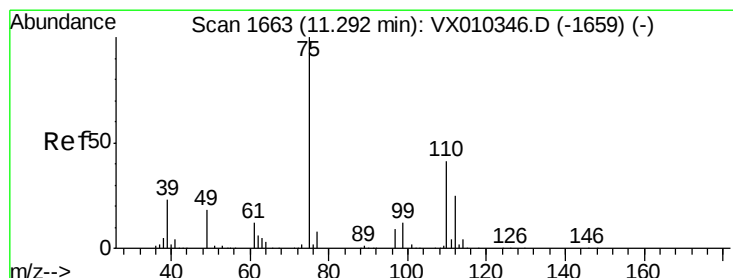
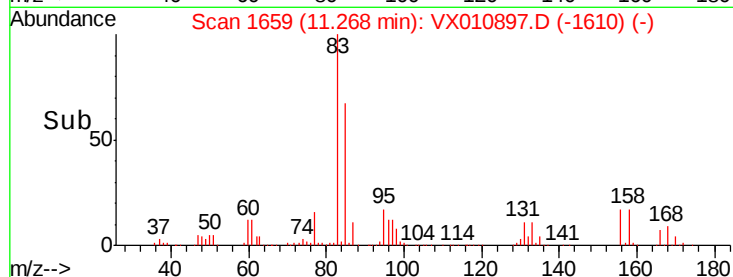
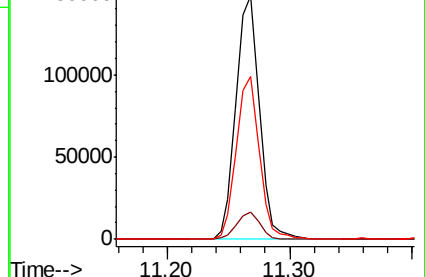
85 66.0 32.3 96.8



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: 61.110 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010897.D

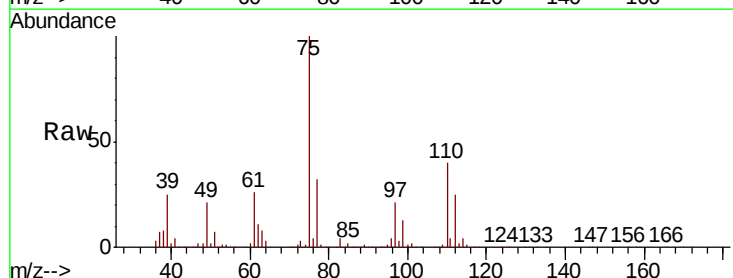
Acq: 15 Jul 2019 20:07

Tgt Ion: 75 Resp: 217866

Ion Ratio Lower Upper

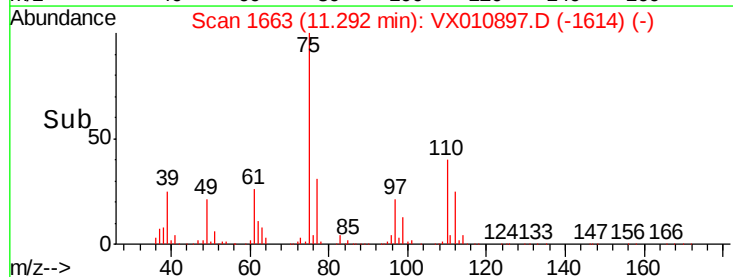
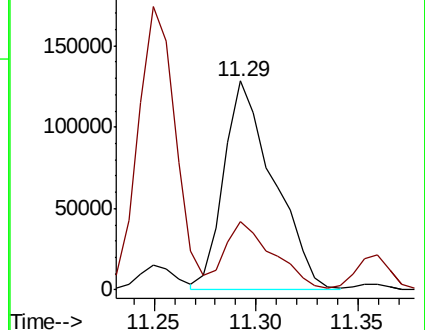
75 100

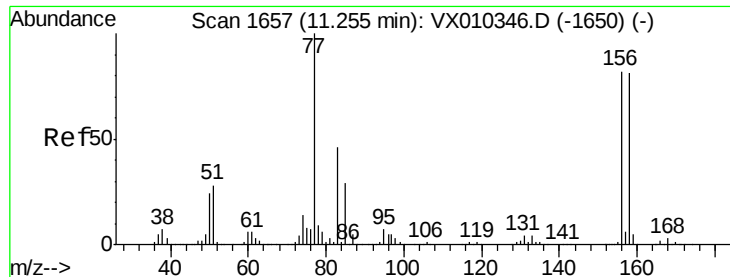
77 32.0 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.217 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

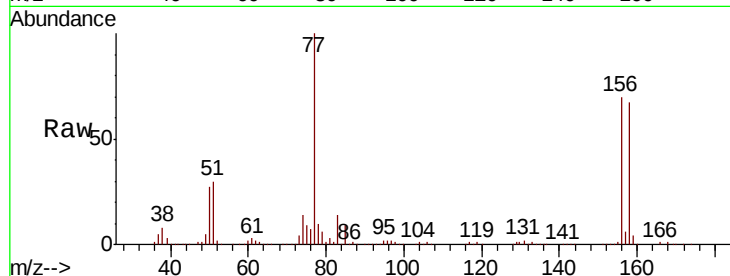
Tot Ion:156 Resp: 160042

Ion Ratio Lower Upper

156 100

77 138.4 66.3 198.7

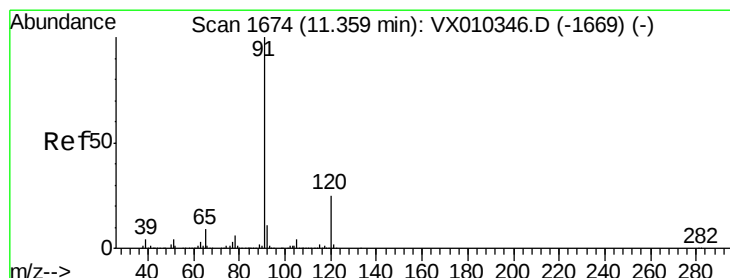
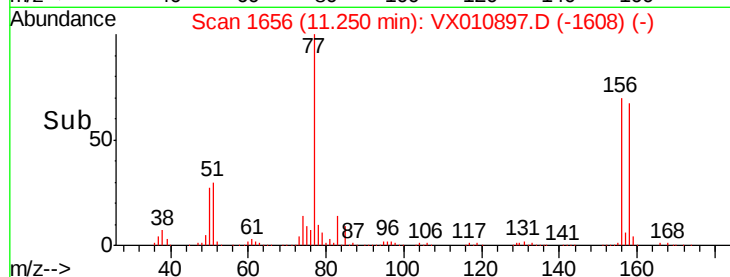
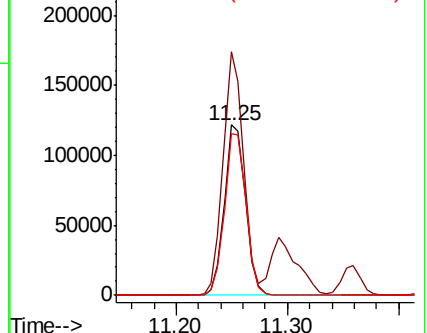
158 96.5 48.9 146.7



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: 44.949 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010897.D

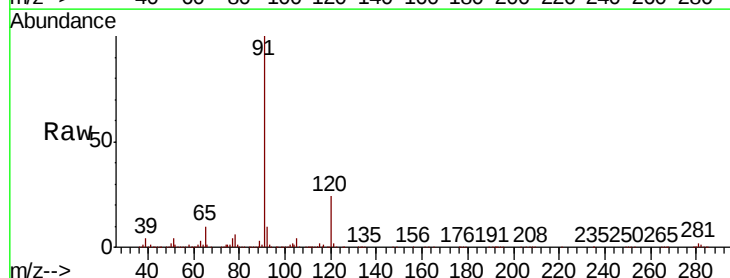
Acq: 15 Jul 2019 20:07

Tgt Ion: 91 Resp: 655169

Ion Ratio Lower Upper

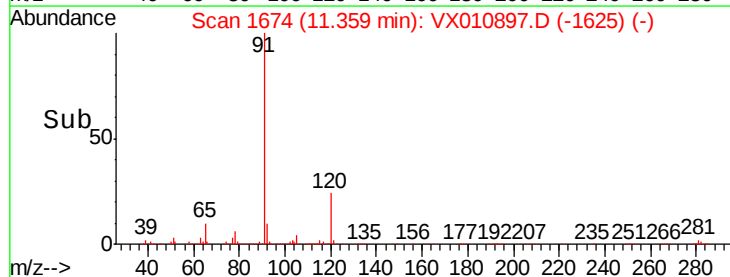
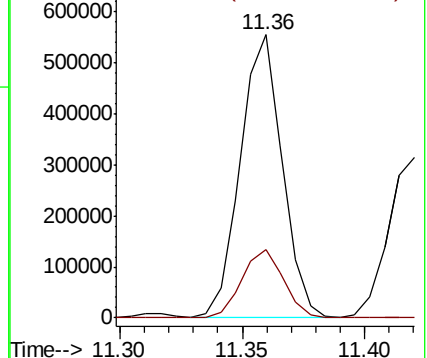
91 100

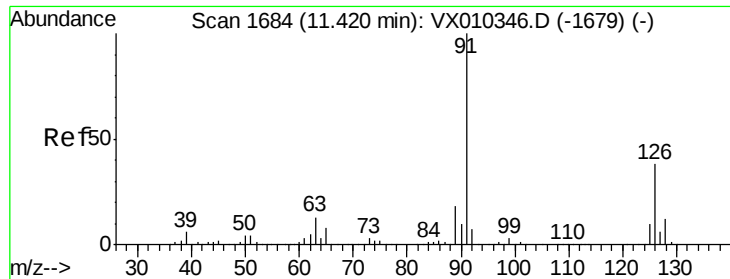
120 24.2 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

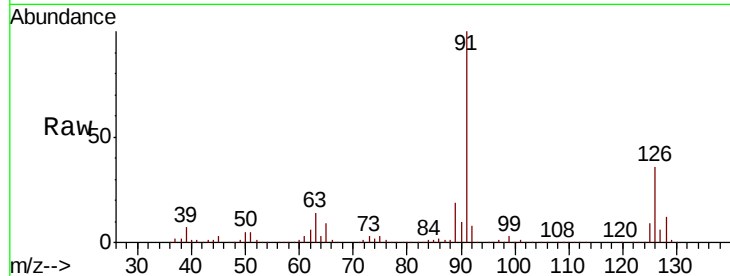




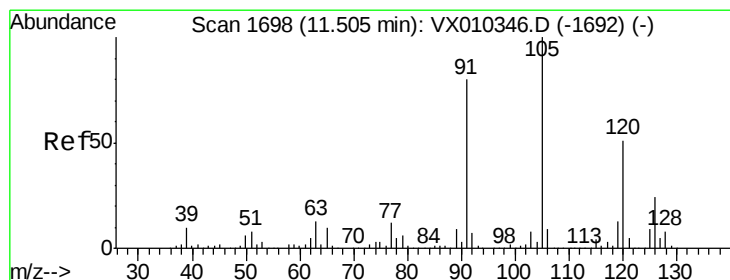
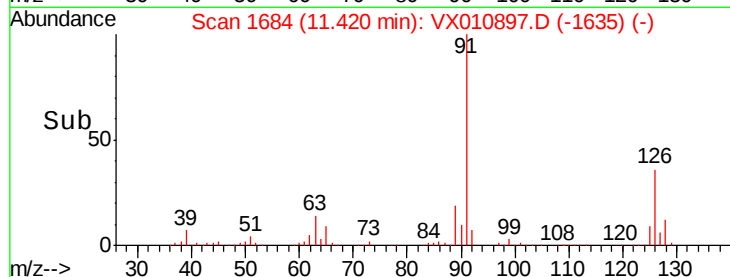
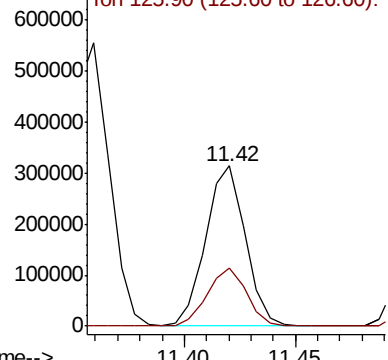
#79
 2-Chlorotoluene
 Concen: 44.670 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 387716
 Ion Ratio Lower Upper
 91 100
 126 36.0 18.7 56.1

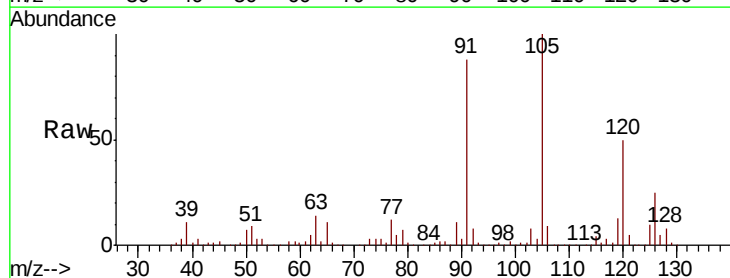


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

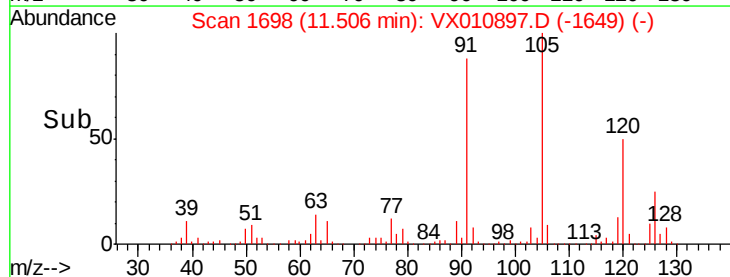
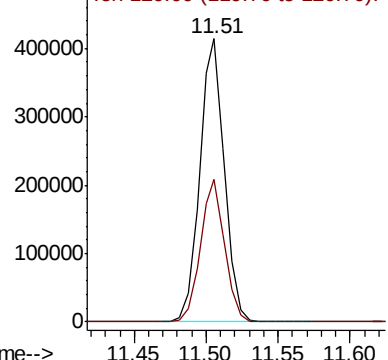


#80
 1,3,5-Trimethylbenzene
 Concen: 45.204 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

Tgt Ion: 105 Resp: 494223
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.2 75.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 37.906 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

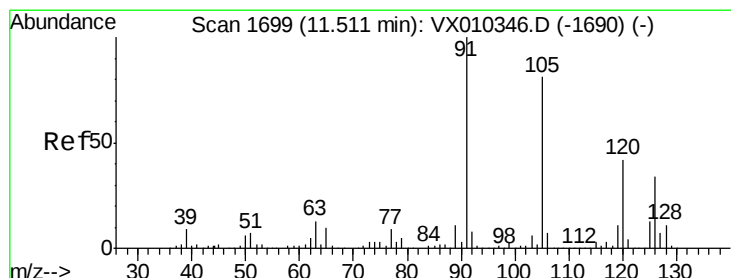
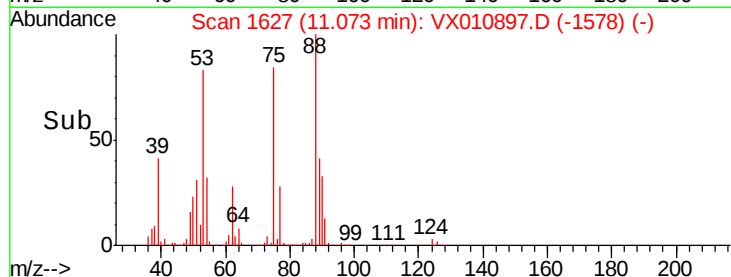
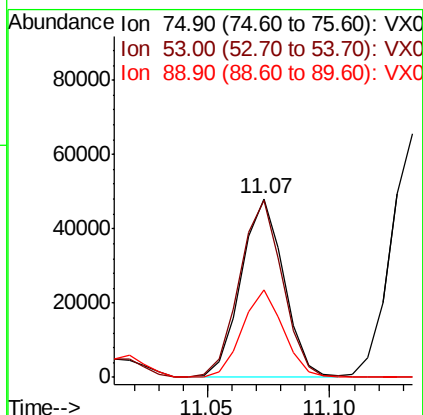
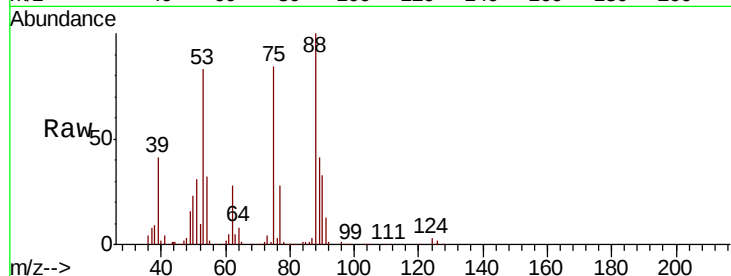
Tot Ion: 75 Resp: 57928

Ion Ratio Lower Upper

75 100

53 101.1 66.1 99.1#

89 47.8 37.8 56.6



#82

4-Chlorotoluene

Concen: 46.234 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010897.D

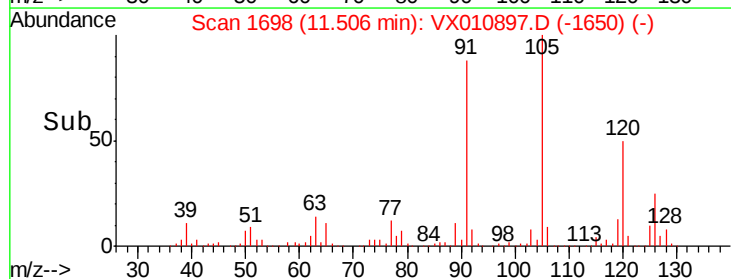
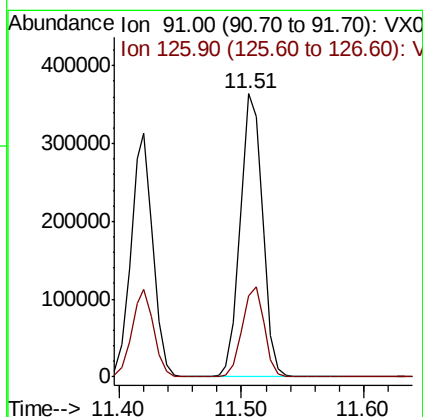
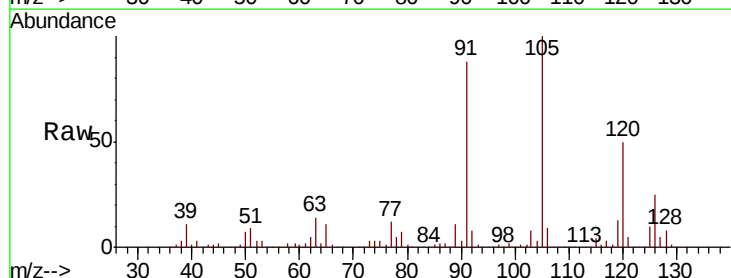
Acq: 15 Jul 2019 20:07

Tgt Ion: 91 Resp: 456627

Ion Ratio Lower Upper

91 100

126 31.5 16.2 48.6

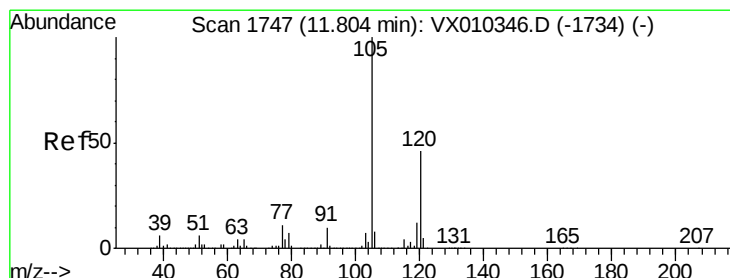
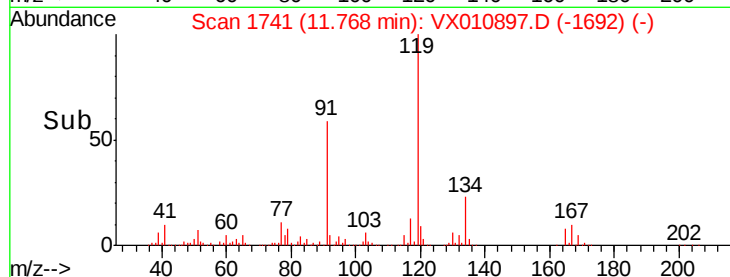
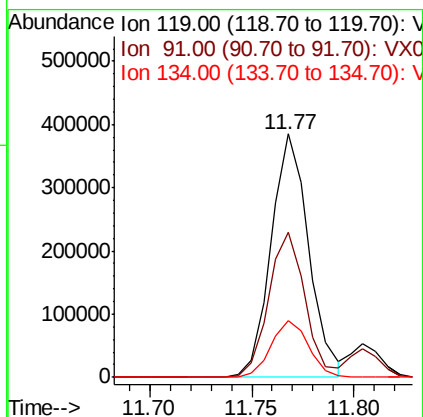
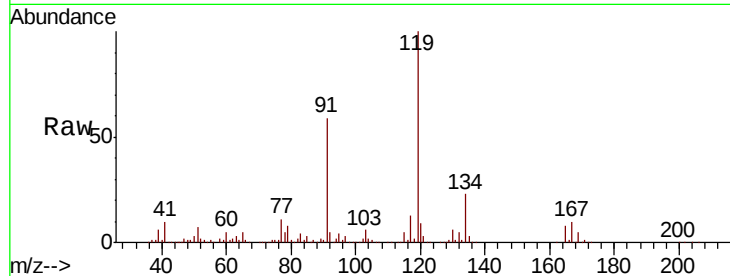




#83
tert-Butylbenzene
Concen: 45.037 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

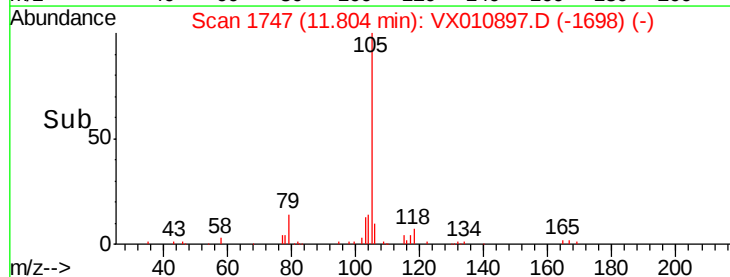
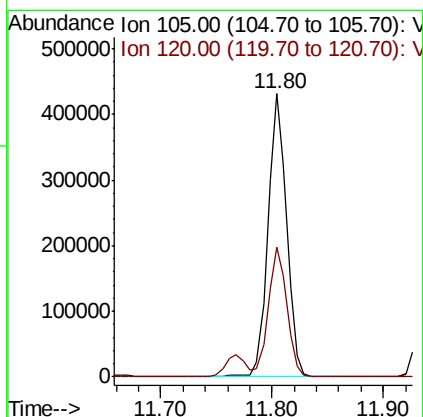
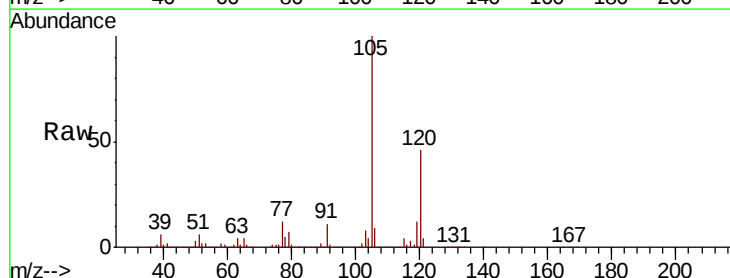
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 494211
Ion Ratio Lower Upper
119 100
91 57.7 27.6 82.7
134 23.1 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 45.889 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

Tgt Ion:105 Resp: 504059
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 44.896 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

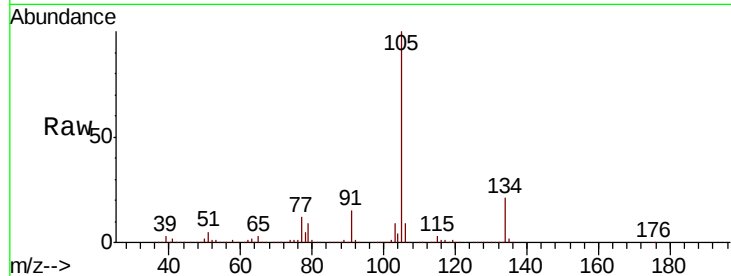
VSTDCCC050EC

Tot Ion:105 Resp: 578448

Ion Ratio Lower Upper

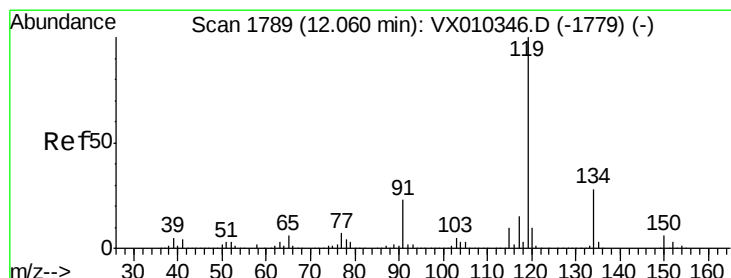
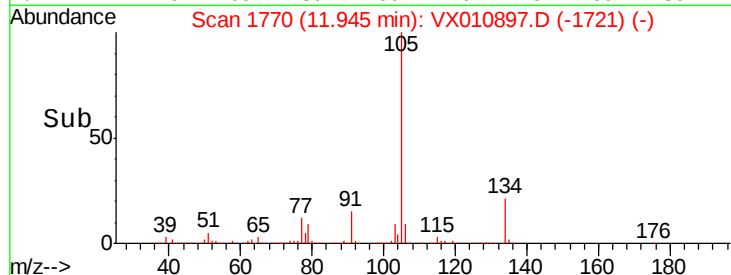
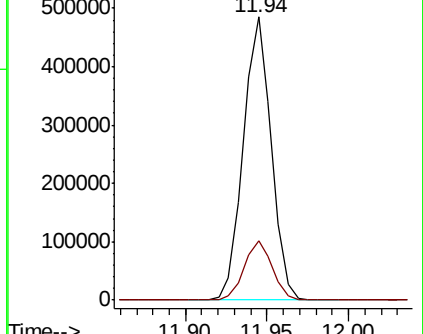
105 100

134 21.0 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.909 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

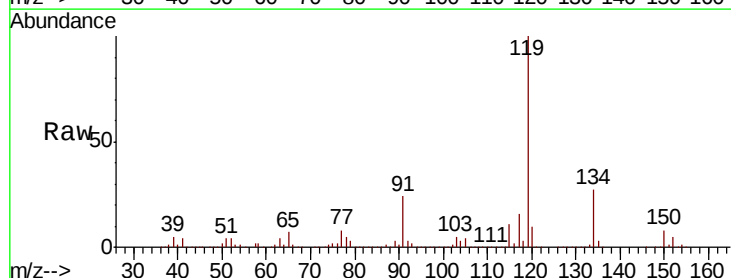
Tgt Ion:119 Resp: 535207

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

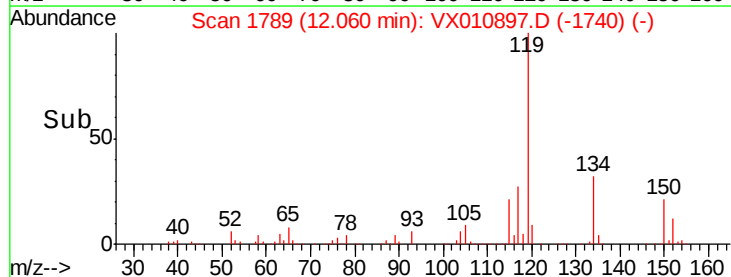
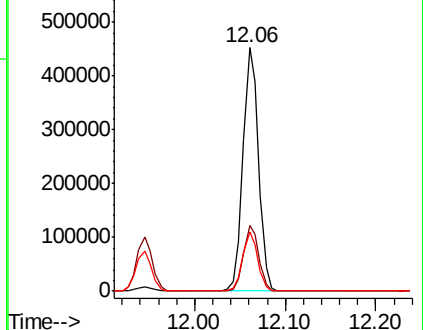
91 23.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

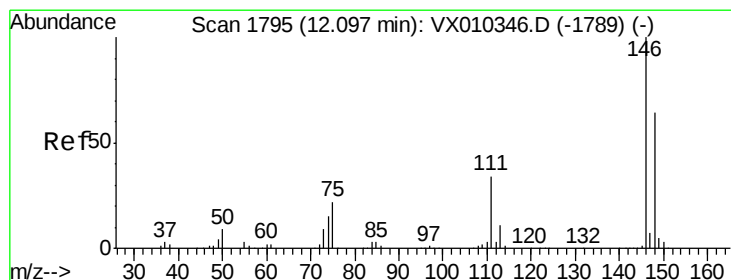
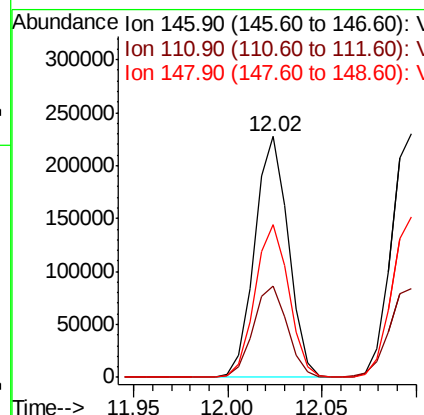
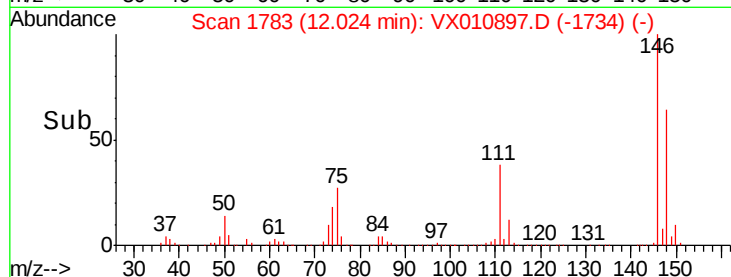
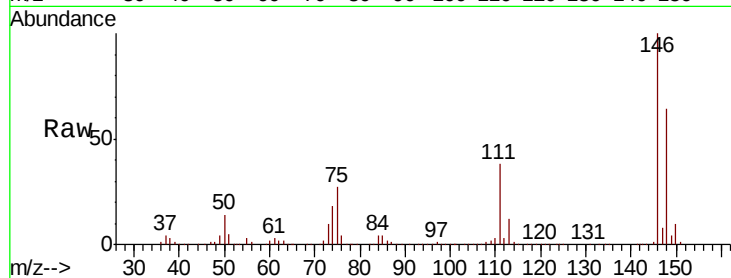




#87
 1,3-Dichlorobenzene
 Concen: 43.457 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

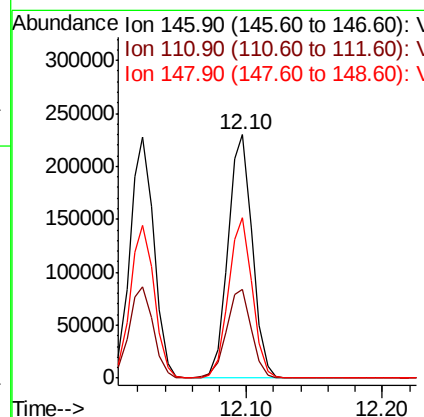
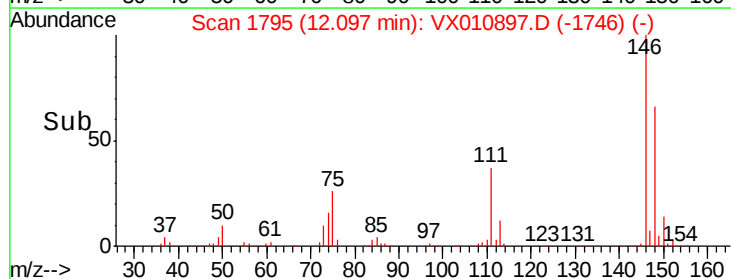
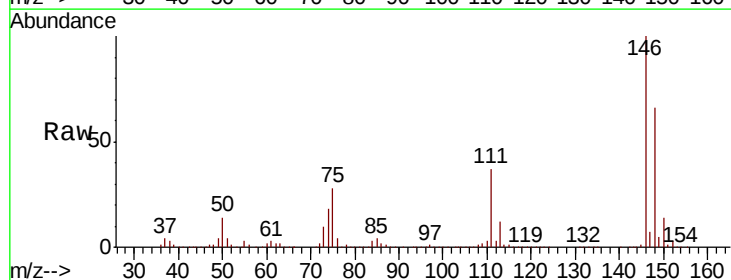
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 280910
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.1 57.1
 148 64.0 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 43.056 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010897.D
 Acq: 15 Jul 2019 20:07

Tgt Ion:146 Resp: 283341
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.1 54.3
 148 64.4 32.1 96.3

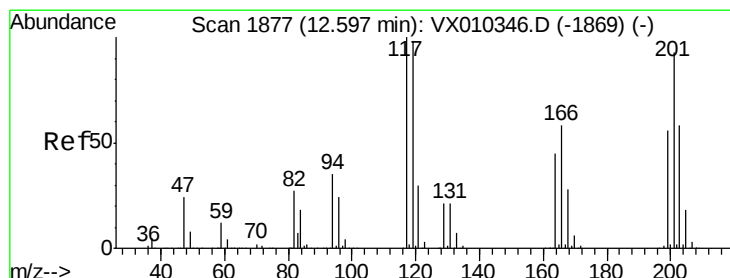
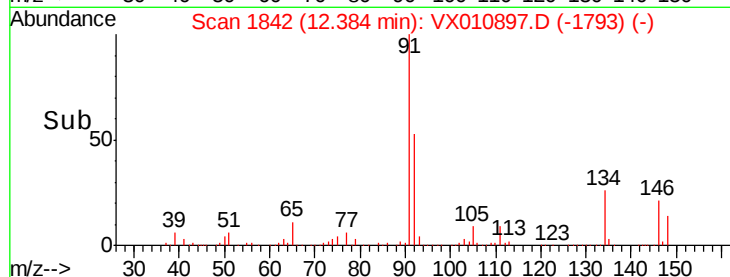
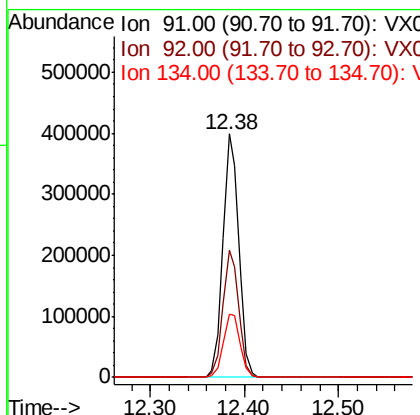
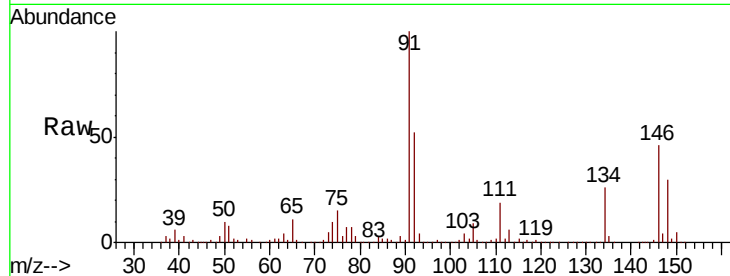




#89
n-Butylbenzene
Concen: 45.819 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

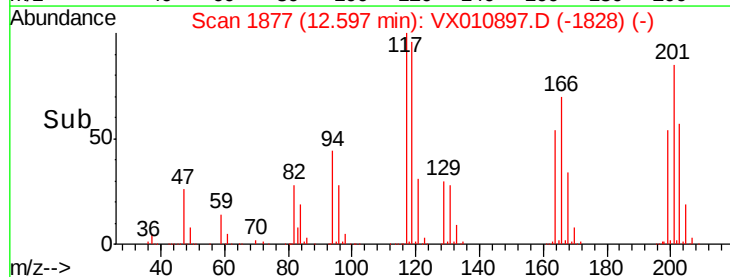
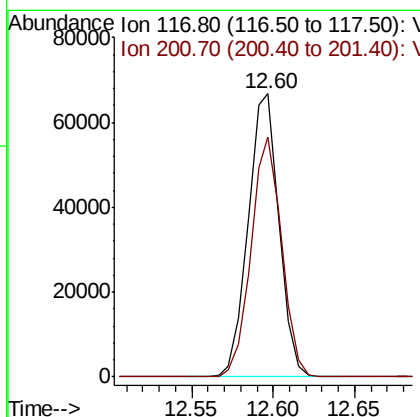
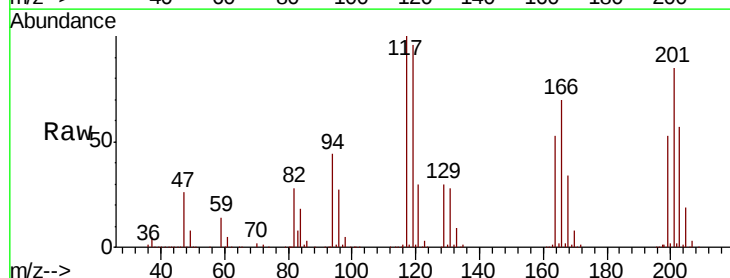
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 464001
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 27.2 14.1 42.4



#90
Hexachloroethane
Concen: 42.653 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010897.D
Acq: 15 Jul 2019 20:07

Tgt Ion: 117 Resp: 87895
Ion Ratio Lower Upper
117 100
201 83.7 44.0 131.8





#91

1,2-Dichlorobenzene

Concen: 43.338 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

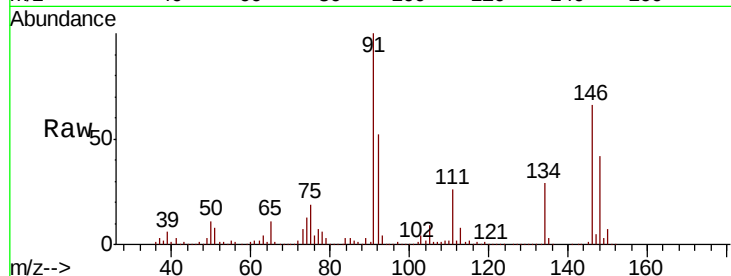
Tot Ion:146 Resp: 278424

Ion Ratio Lower Upper

146 100

111 39.6 19.2 57.6

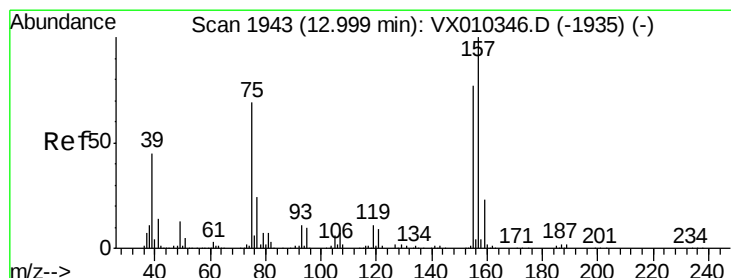
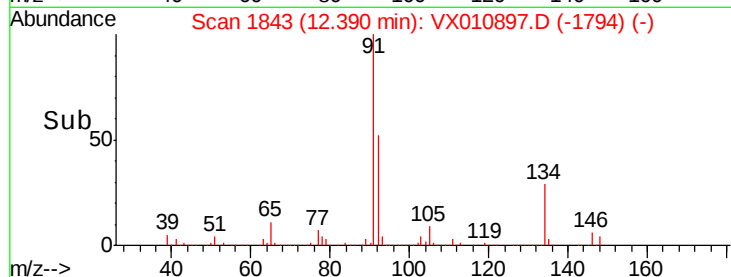
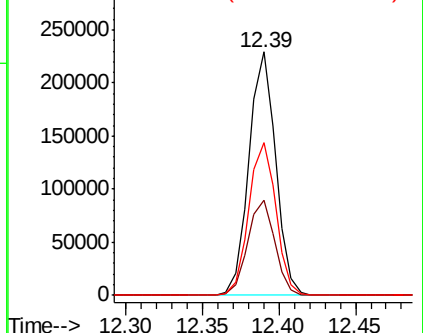
148 63.9 32.0 96.0



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: 46.467 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

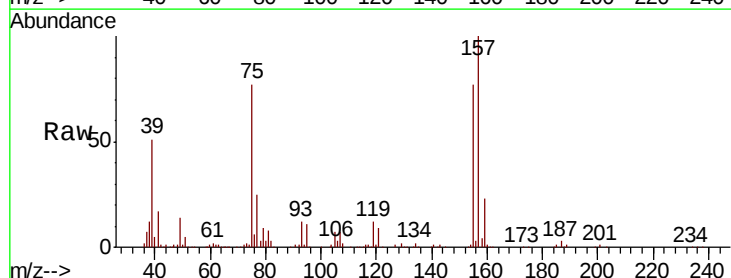
Tgt Ion: 75 Resp: 44002

Ion Ratio Lower Upper

75 100

155 96.1 54.4 163.1

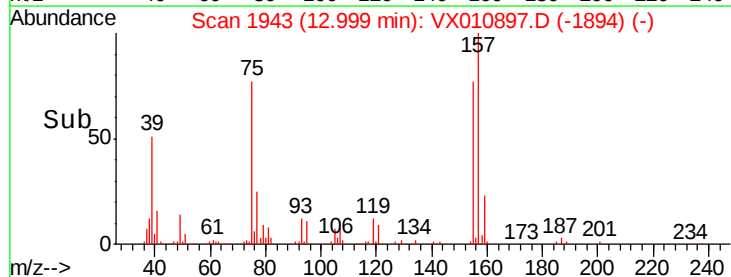
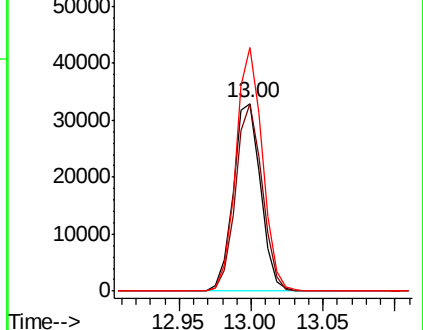
157 124.0 69.5 208.3



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: 43.637 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

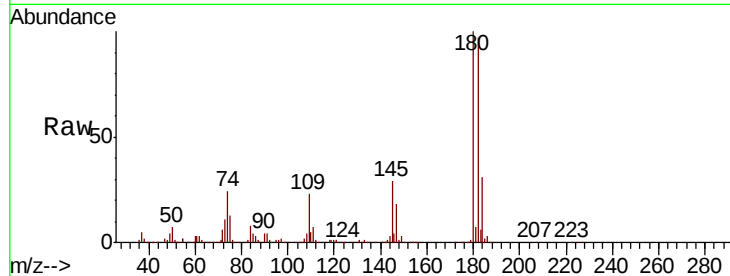
Tot Ion:180 Resp: 194418

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.0

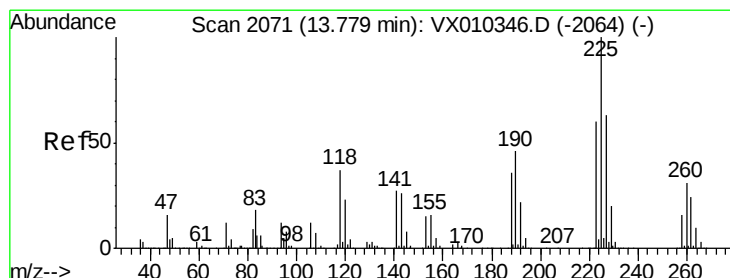
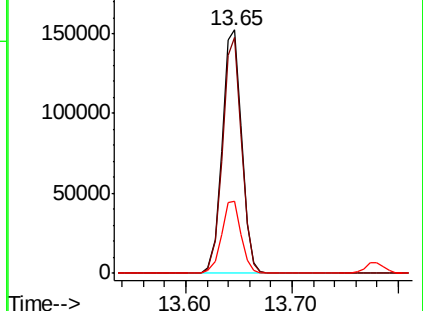
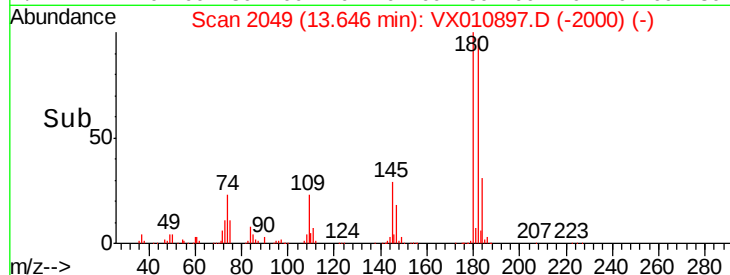
145 29.5 14.4 43.4



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: 42.931 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

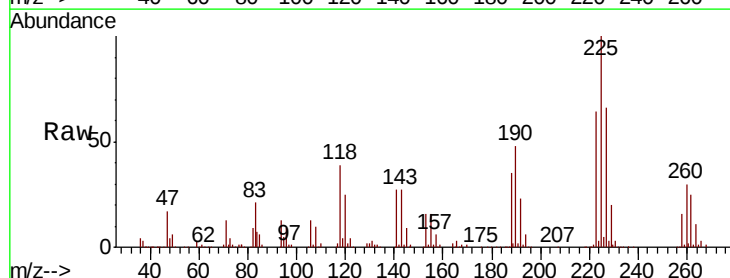
Tgt Ion:225 Resp: 93481

Ion Ratio Lower Upper

225 100

223 63.7 30.9 92.7

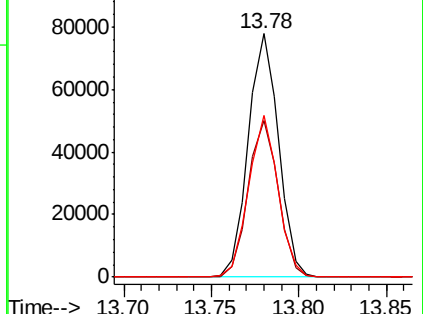
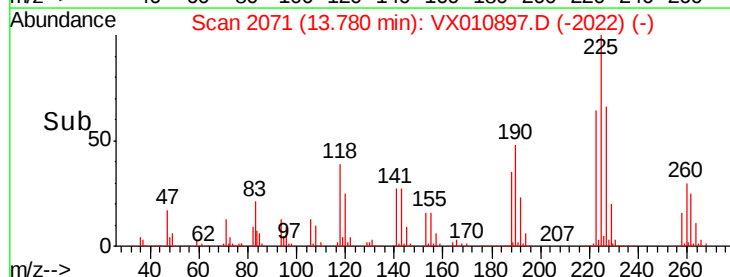
227 64.3 31.9 95.5

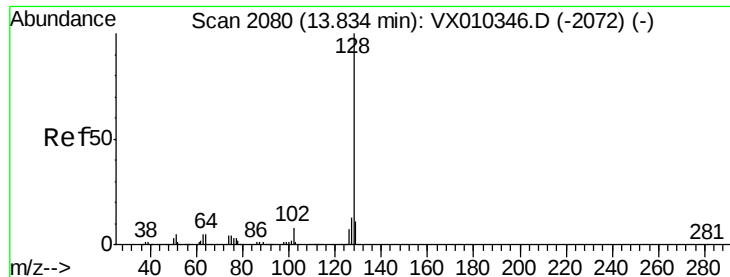


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 43.728 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

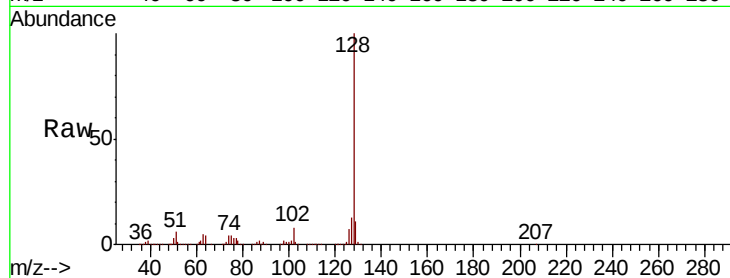
Tot Ion:128 Resp: 598702

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.9 13.3

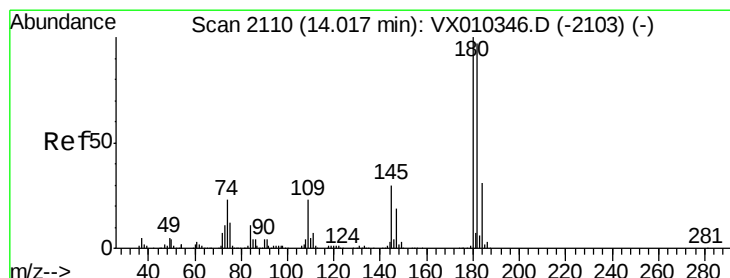
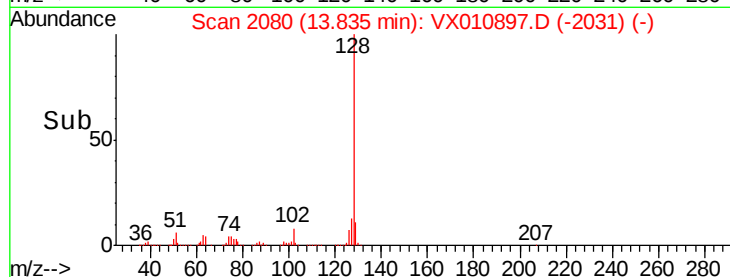
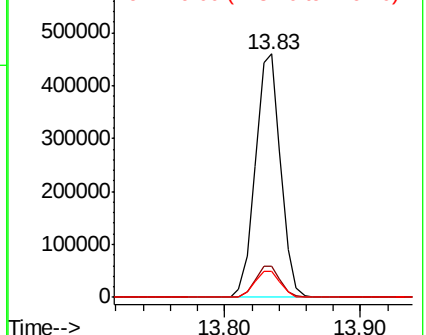


Abundance

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: 43.532 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010897.D

Acq: 15 Jul 2019 20:07

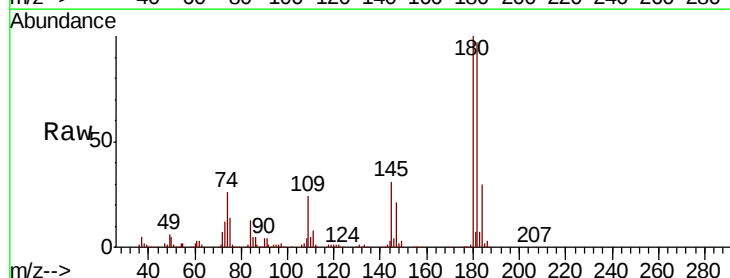
Tgt Ion:180 Resp: 192836

Ion Ratio Lower Upper

180 100

182 96.6 47.8 143.3

145 31.6 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

