

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061819\
 Data File : VX010332.D
 Acq On : 18 Jun 2019 10:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 19 01:15:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	318032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	463715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	421840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220834	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	154357	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
35) Dibromofluoromethane	5.49	113	154569	54.04	ug/l	0.00
Spiked Amount			Recovery	=	108.08%	
50) Toluene-d8	8.71	98	579252	54.03	ug/l	0.00
Spiked Amount			Recovery	=	108.06%	
62) 4-Bromofluorobenzene	11.13	95	217787	54.40	ug/l	0.00
Spiked Amount			Recovery	=	108.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	150547	51.445	ug/l	99
3) Chloromethane	1.32	50	137687	47.377	ug/l	99
4) Vinyl Chloride	1.41	62	148432	54.342	ug/l	100
5) Bromomethane	1.64	94	63428	61.538	ug/l	100
6) Chloroethane	1.71	64	87171	63.299	ug/l	100
7) Trichlorofluoromethane	1.92	101	244760	60.325	ug/l	100
8) Diethyl Ether	2.18	74	84408	60.359	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	150905	53.956	ug/l	92
10) Methyl Iodide	2.51	142	203505	46.963	ug/l	98
11) Tert butyl alcohol	3.05	59	192834	253.568	ug/l	99
12) 1,1-Dichloroethene	2.37	96	142574	49.910	ug/l #	79
13) Acrolein	2.29	56	33170	239.207	ug/l	99
14) Allyl chloride	2.72	41	212979	49.392	ug/l #	87
15) Acrylonitrile	3.14	53	407343	262.057	ug/l	99
16) Acetone	2.44	43	398292	272.783	ug/l #	89
17) Carbon Disulfide	2.57	76	342117	41.449	ug/l	98
18) Methyl Acetate	2.77	43	177615	55.313	ug/l #	83
19) Methyl tert-butyl Ether	3.19	73	477087	51.985	ug/l	93
20) Methylene Chloride	2.85	84	161736	50.438	ug/l #	78
21) trans-1,2-Dichloroethene	3.16	96	150770	47.692	ug/l #	80
22) Diisopropyl ether	3.85	45	445123	53.992	ug/l #	82
23) Vinyl Acetate	3.81	43	1933743	262.924	ug/l #	88
24) 1,1-Dichloroethane	3.69	63	253898	50.723	ug/l	95
25) 2-Butanone	4.67	43	586485	269.744	ug/l #	83
26) 2,2-Dichloropropane	4.57	77	230911	50.566	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	181374	51.573	ug/l	78
28) Bromochloromethane	5.01	49	107356	47.855	ug/l #	50
29) Tetrahydrofuran	5.12	42	349179	255.546	ug/l #	76
30) Chloroform	5.21	83	270146	51.967	ug/l	100
31) Cyclohexane	5.57	56	228289	50.534	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	246401	50.419	ug/l	94
36) 1,1-Dichloropropene	5.79	75	193862	51.243	ug/l	93
37) Ethyl Acetate	4.83	43	206114	52.362	ug/l #	92
38) Carbon Tetrachloride	5.78	117	220989	51.607	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	263116	51.075	ug/l #	84
40) Benzene	6.14	78	623870	53.329	ug/l	99
41) Methacrylonitrile	5.04	41	112871	53.009	ug/l #	85
42) 1,2-Dichloroethane	6.19	62	194414	52.056	ug/l	93
43) Isopropyl Acetate	6.44	43	349036	53.033	ug/l #	90
44) Trichloroethene	7.21	130	187736	53.240	ug/l	87
45) 1,2-Dichloropropane	7.51	63	158803	54.236	ug/l	98
46) Dibromomethane	7.66	93	114061	51.997	ug/l	91
47) Bromodichloromethane	7.90	83	219610	53.577	ug/l #	98
48) Methyl methacrylate	7.76	41	165970	53.922	ug/l #	78
49) 1,4-Dioxane	7.74	88	88262	1005.758	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	1111714	282.751	ug/l	90
52) Toluene	8.78	92	408335	53.100	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	248228	52.356	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	268364	52.799	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	174529	55.418	ug/l	97
56) Ethyl methacrylate	9.18	69	271660	54.606	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	268931	54.240	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	557681	237.789	ug/l #	87
59) 2-Hexanone	9.49	43	877122	279.797	ug/l	88
60) Dibromochloromethane	9.58	129	203033	54.504	ug/l	99
61) 1,2-Dibromoethane	9.67	107	187093	53.340	ug/l	99
64) Tetrachloroethene	9.34	164	178561	56.992	ug/l	96
65) Chlorobenzene	10.13	112	475236	54.584	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	181880	54.322	ug/l	99
67) Ethyl Benzene	10.25	91	808877	54.575	ug/l	95
68) m/p-Xylenes	10.35	106	631732	110.145	ug/l	90
69) o-Xylene	10.69	106	309282	54.247	ug/l	89
70) Styrene	10.71	104	532897	55.188	ug/l	95
71) Bromoform	10.85	173	165888	53.895	ug/l	98
73) Isopropylbenzene	11.02	105	822591	53.361	ug/l	95
74) N-amyl acetate	10.90	43	317991	52.183	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.27	83	268834	50.945	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	312221	70.685	ug/l	81
77) Bromobenzene	11.26	156	227620	53.694	ug/l	80
78) n-propylbenzene	11.36	91	936778	54.584	ug/l	95
79) 2-Chlorotoluene	11.42	91	541984	52.582	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	691868	53.286	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	98759	49.399	ug/l	86
82) 4-Chlorotoluene	11.51	91	625966	53.460	ug/l	92
83) tert-Butylbenzene	11.77	119	697211	53.053	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	703934	53.673	ug/l	96
85) sec-Butylbenzene	11.94	105	832800	54.394	ug/l	96
86) p-Isopropyltoluene	12.06	119	773383	55.254	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	406509	54.440	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	398532	52.945	ug/l	98
89) n-Butylbenzene	12.38	91	681387	56.555	ug/l	98
90) Hexachloroethane	12.60	117	143389	51.427	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	392231	54.031	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57607	46.392	ug/l	66

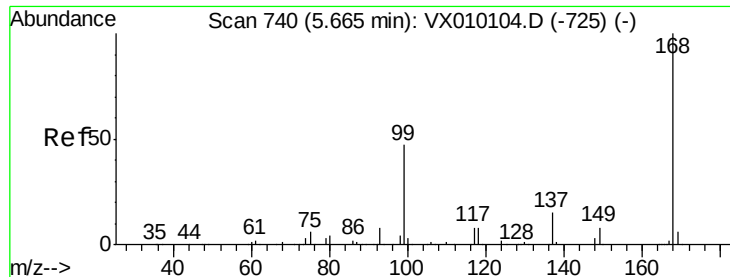
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061819\
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	292106	54.971	ug/l	99
94) Hexachlorobutadiene	13.78	225	141207	59.752	ug/l	100
95) Naphthalene	13.83	128	885590	52.943	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	288368	54.886	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: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

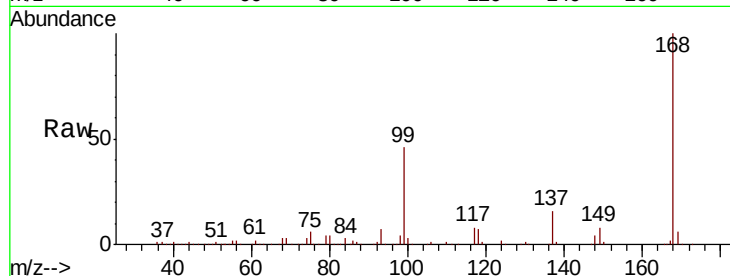
VSTDCCC050

Tot Ion:168 Resp: 318032

Ion Ratio Lower Upper

168 100

99 46.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

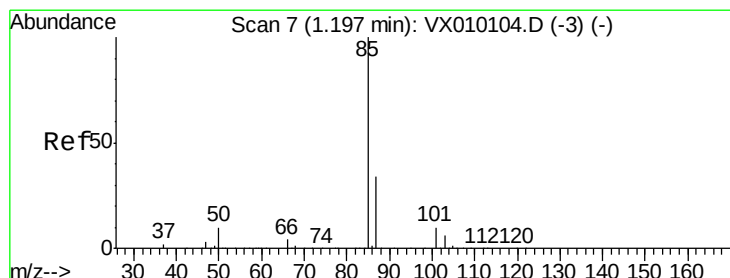
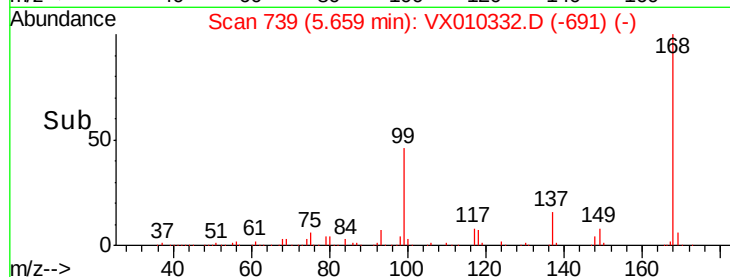
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.445 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010332.D

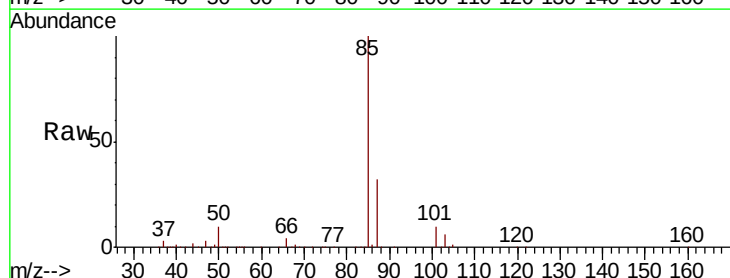
Acq: 18 Jun 2019 10:28

Tgt Ion: 85 Resp: 150547

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

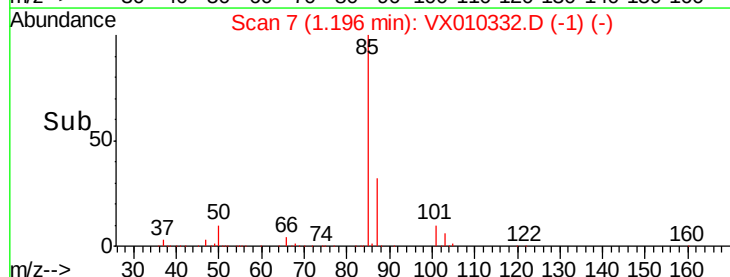
100000

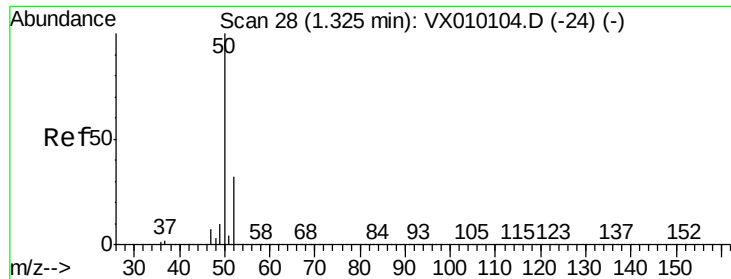
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.377 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

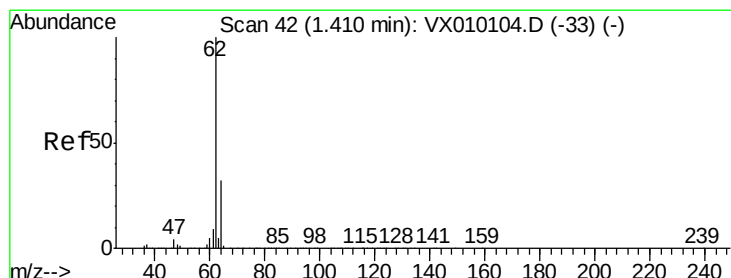
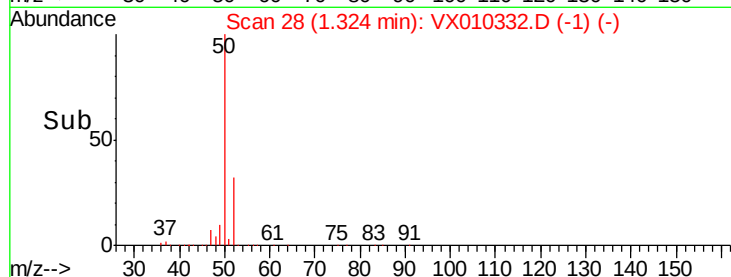
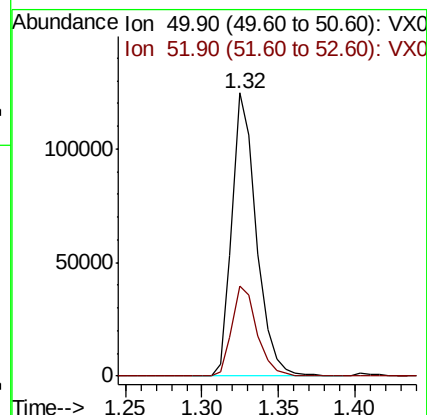
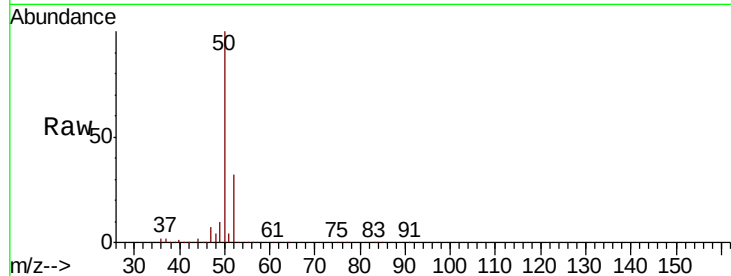
VSTDCCC050

Tot Ion: 50 Resp: 137687

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



#4

Vinyl Chloride

Concen: 54.342 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010332.D

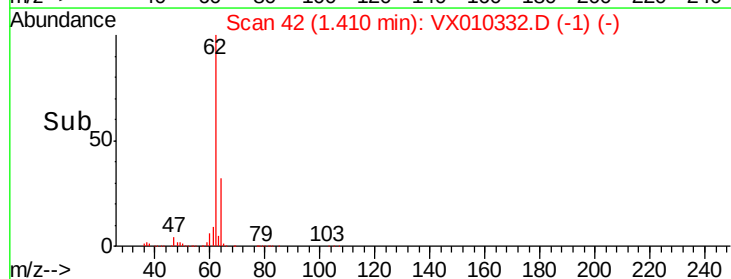
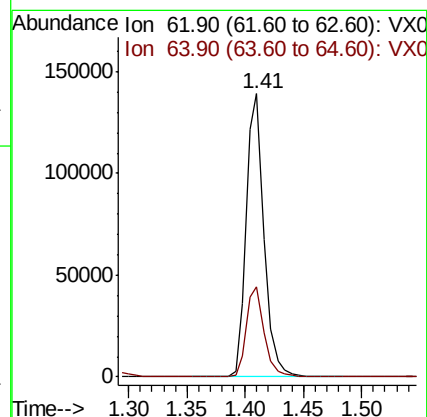
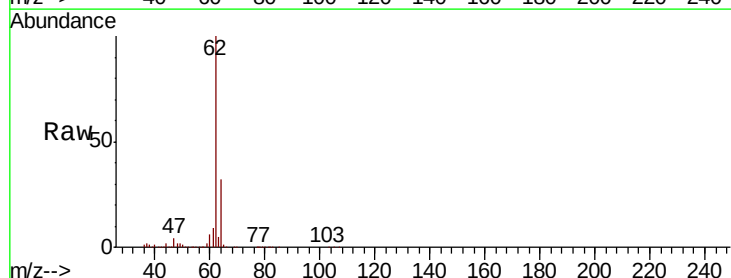
Acq: 18 Jun 2019 10:28

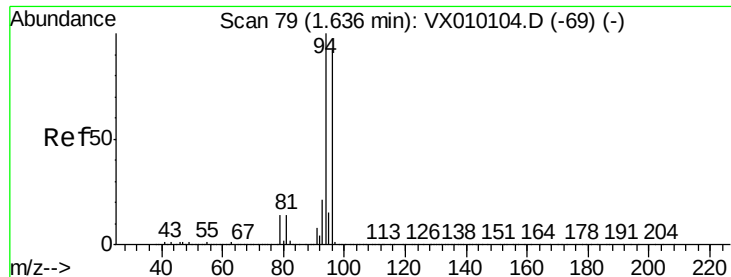
Tgt Ion: 62 Resp: 148432

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 61.538 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

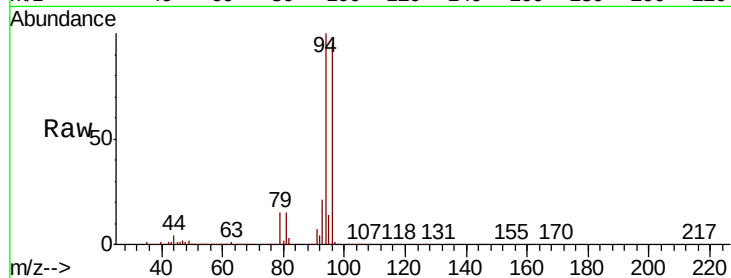
VSTDCCC050

Tot Ion: 94 Resp: 63428

Ion Ratio Lower Upper

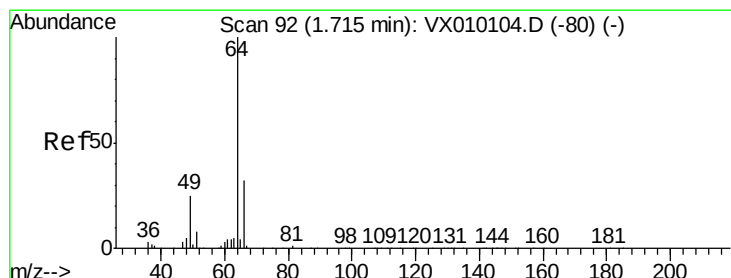
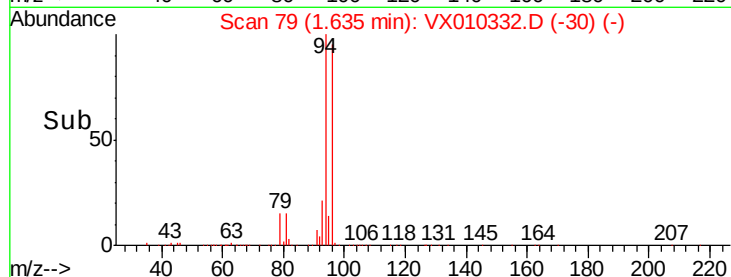
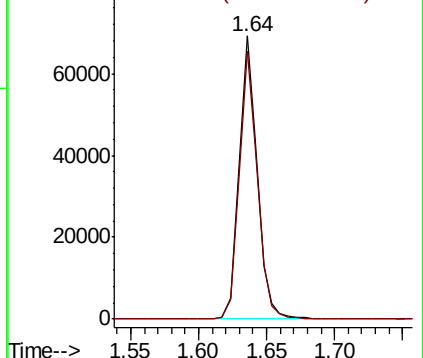
94 100

96 94.9 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 63.299 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010332.D

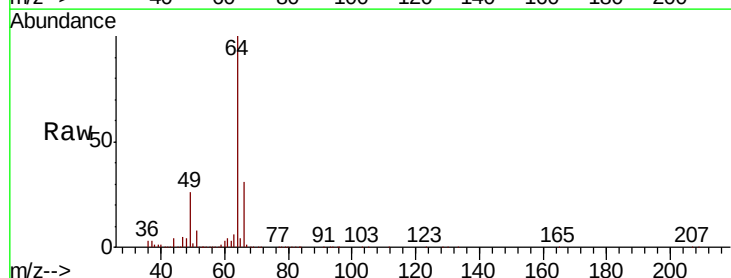
Acq: 18 Jun 2019 10:28

Tgt Ion: 64 Resp: 87171

Ion Ratio Lower Upper

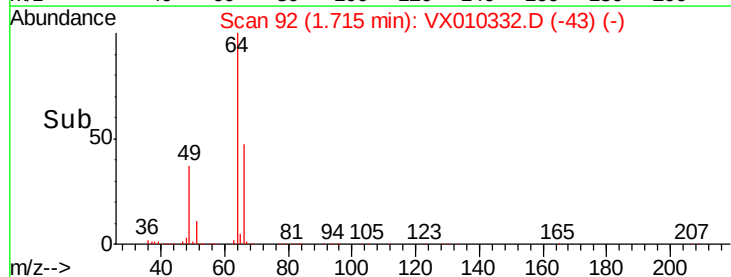
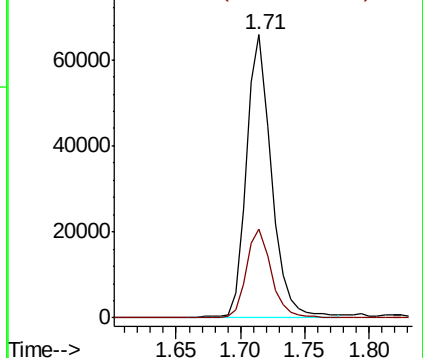
64 100

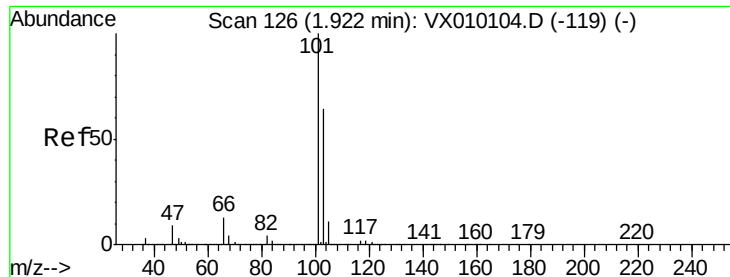
66 31.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



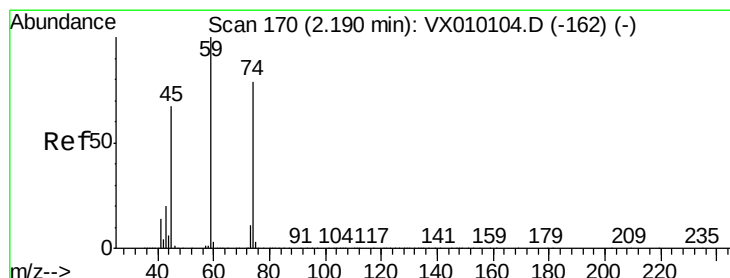
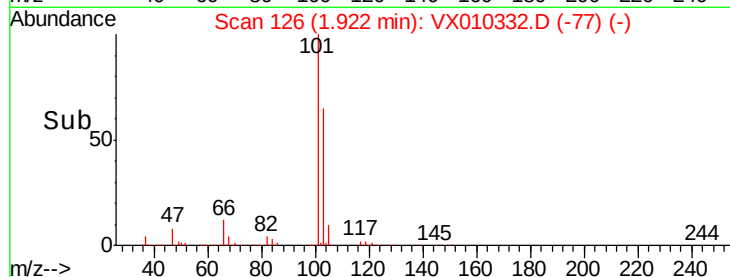
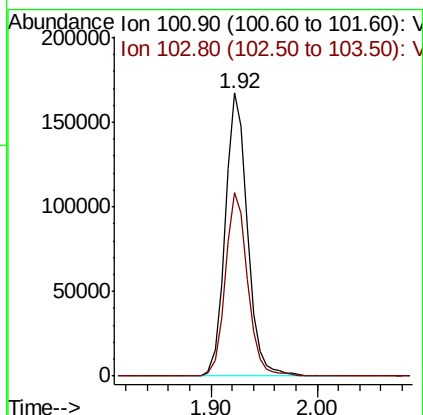
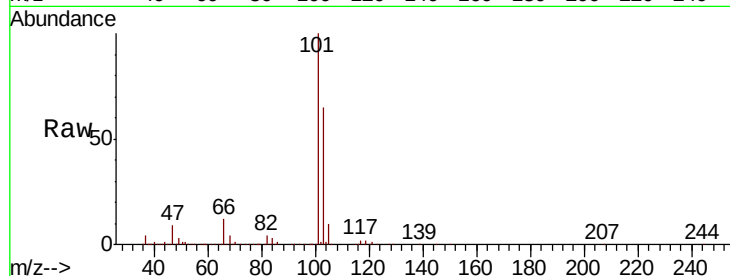


#7

Trichlorofluoromethane
Concen: 60.325 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

Instrument :
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ClientSampleId :
VSTDCCC050

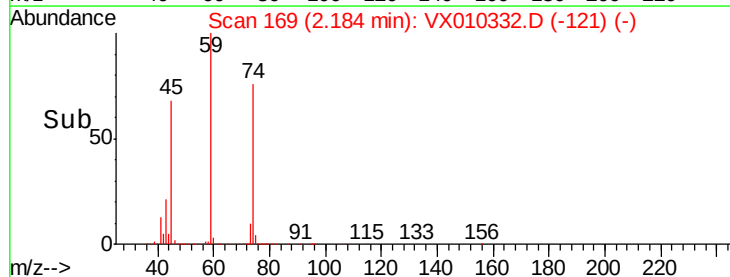
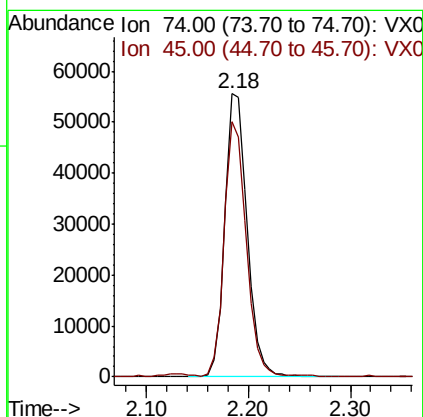
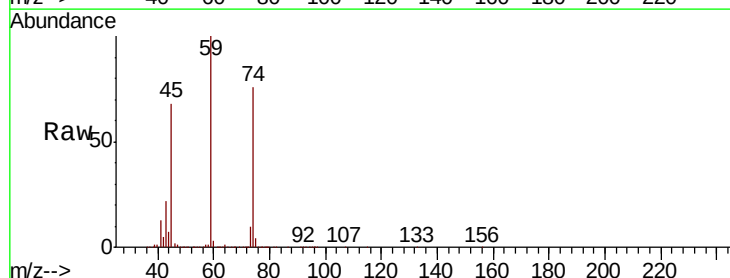
Tot Ion:101 Resp: 244760
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

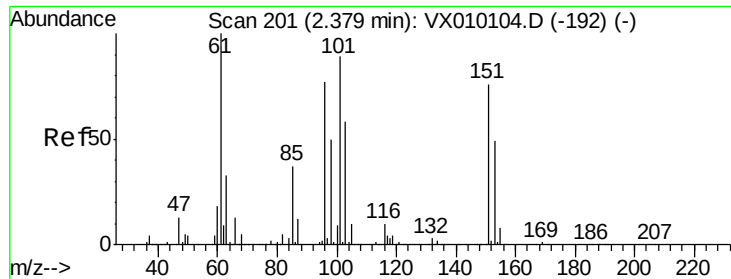


#8

Diethyl Ether
Concen: 60.359 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

Tgt Ion: 74 Resp: 84408
Ion Ratio Lower Upper
74 100
45 88.4 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.956 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

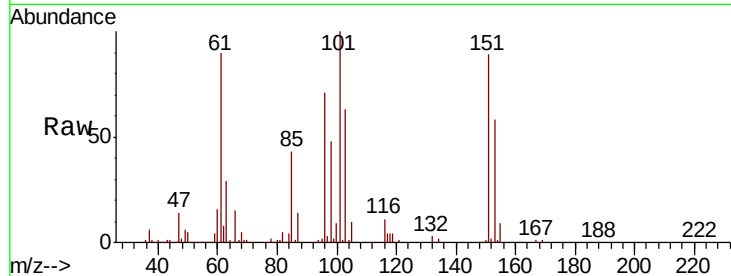
Tot Ion:101 Resp: 150905

Ion Ratio Lower Upper

101 100

85 41.8 35.2 52.8

151 87.1 61.9 92.9

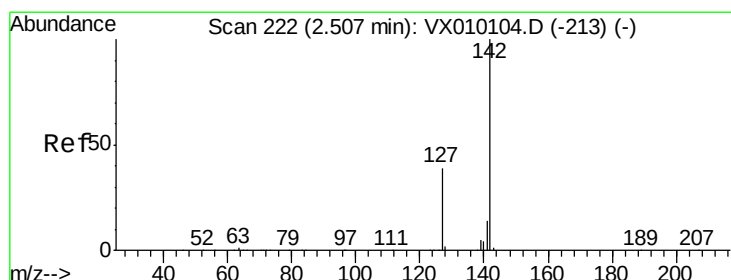
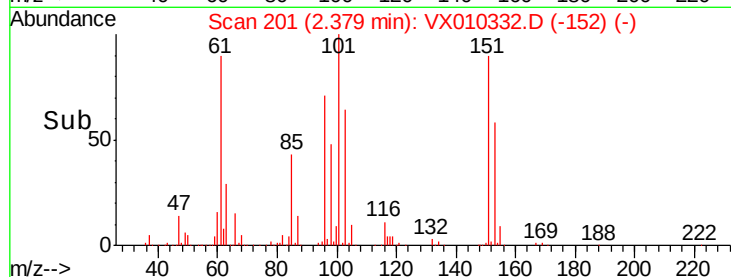
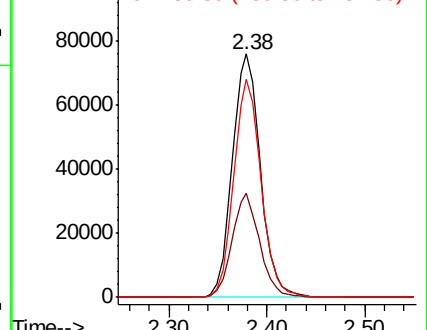


Abundance

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: 46.963 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

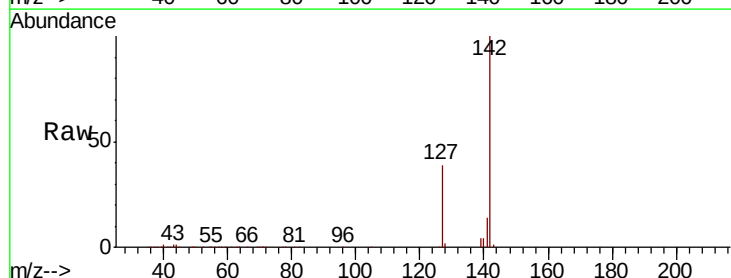
Tgt Ion:142 Resp: 203505

Ion Ratio Lower Upper

142 100

127 39.4 33.0 49.4

141 14.1 11.4 17.0

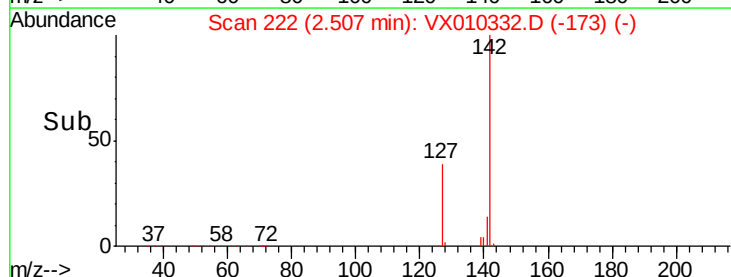
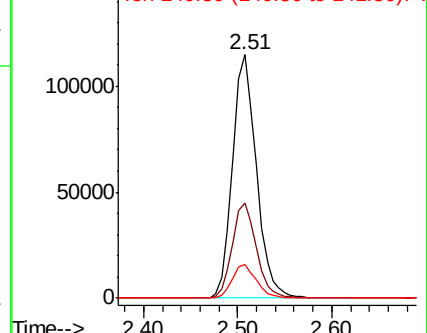


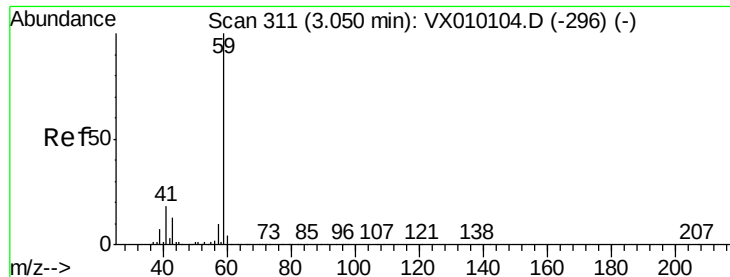
Abundance

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



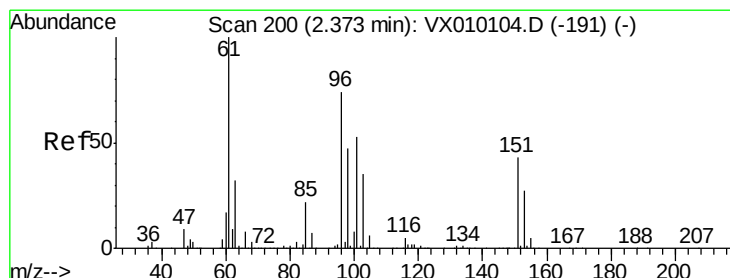
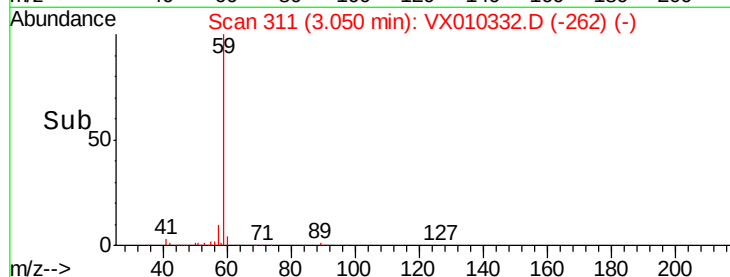
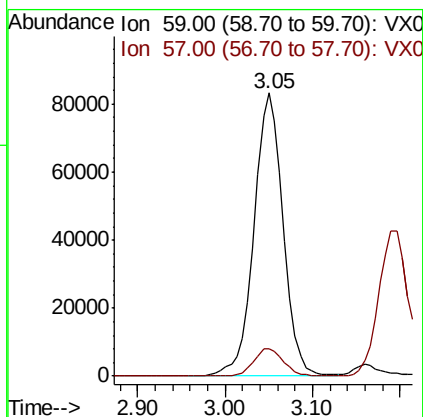
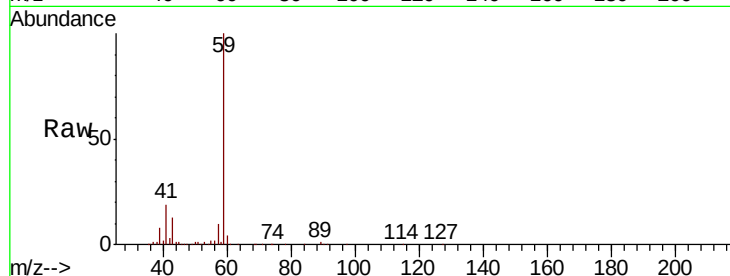


#11

Tert butyl alcohol
 Concen: 253.568 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

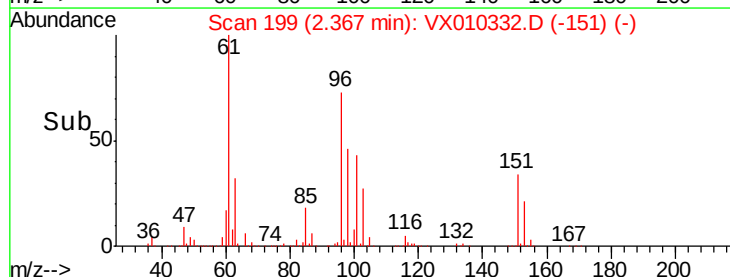
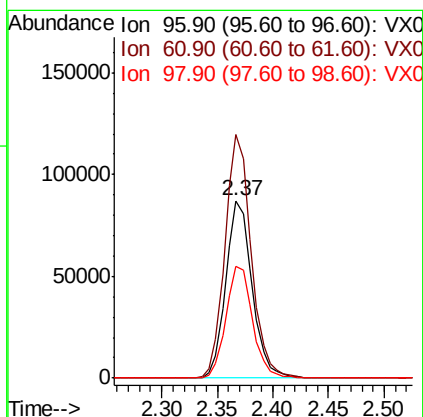
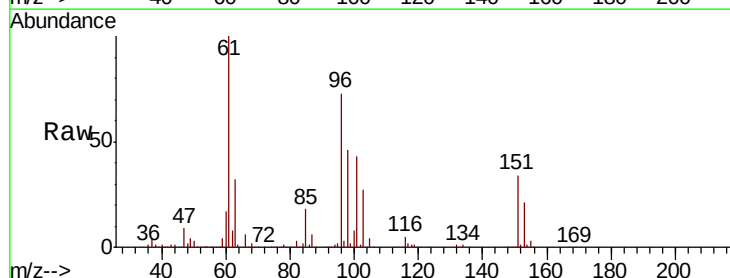
Tot Ion: 59 Resp: 192834
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

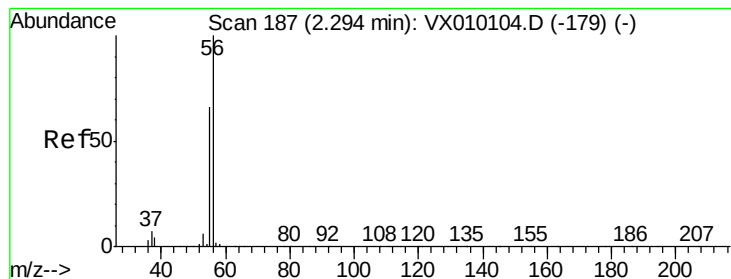


#12

1,1-Dichloroethene
 Concen: 49.910 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

Tgt Ion: 96 Resp: 142574
 Ion Ratio Lower Upper
 96 100
 61 137.1 140.7 211.1#
 98 63.0 50.1 75.1





#13

Acrolein

Concen: 239.207 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

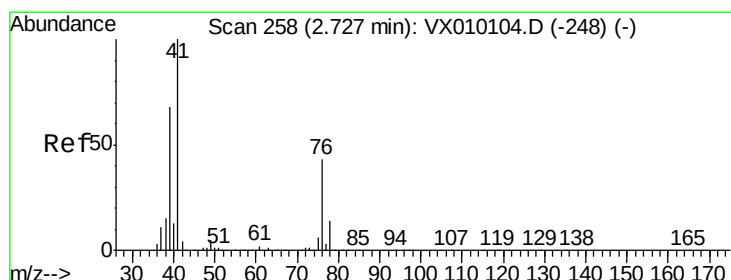
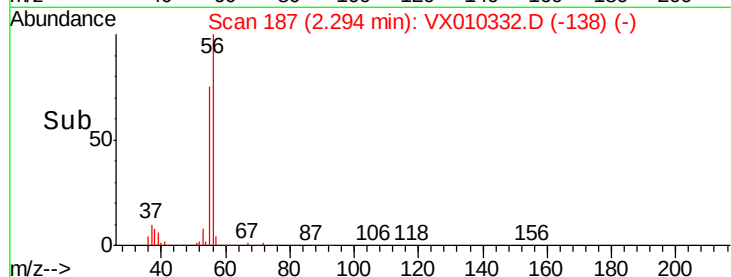
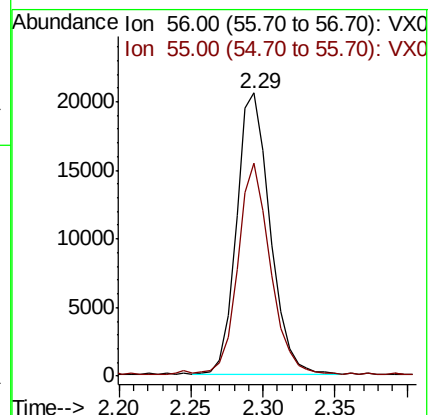
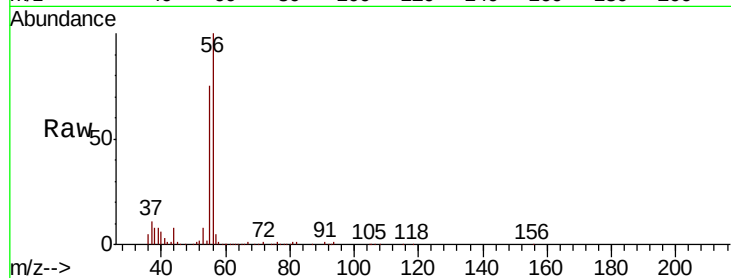
VSTDCCC050

Tot Ion: 56 Resp: 33170

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



#14

Allyl chloride

Concen: 49.392 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

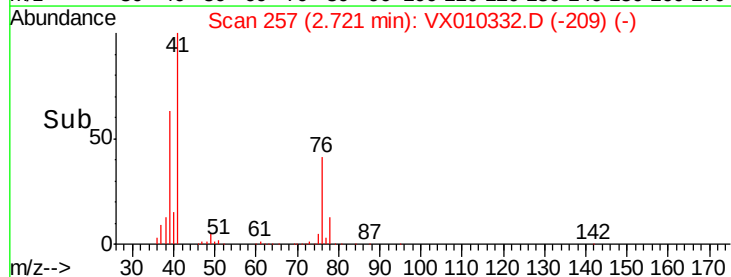
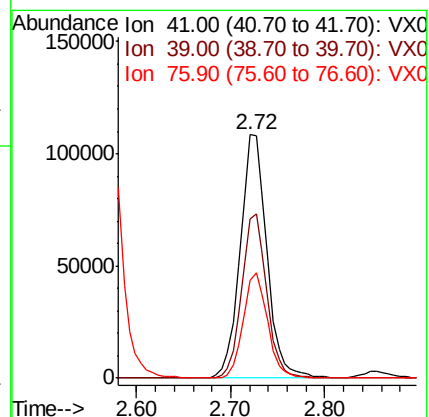
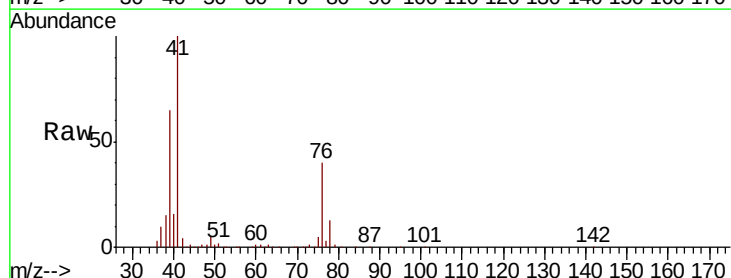
Tgt Ion: 41 Resp: 212979

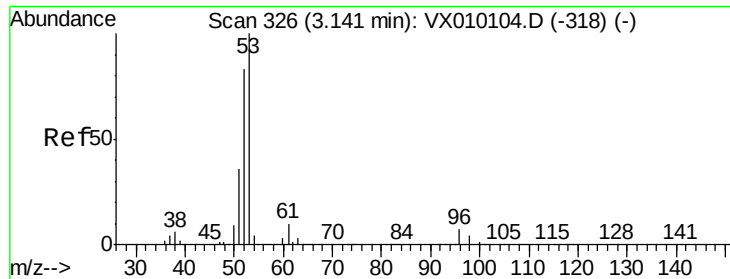
Ion Ratio Lower Upper

41 100

39 63.2 46.7 70.1

76 39.5 21.0 31.4#





#15

Acrylonitrile

Concen: 262.057 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

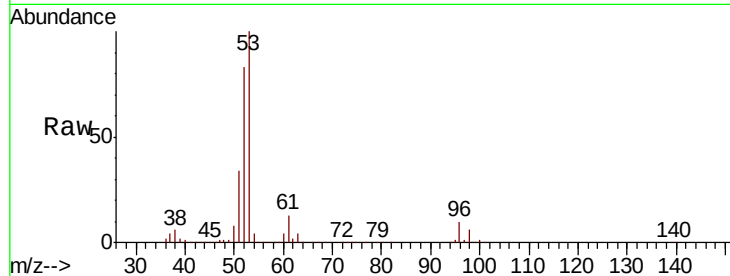
Tot Ion: 53 Resp: 407343

Ion Ratio Lower Upper

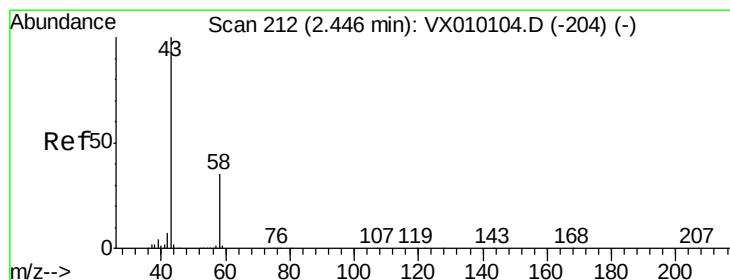
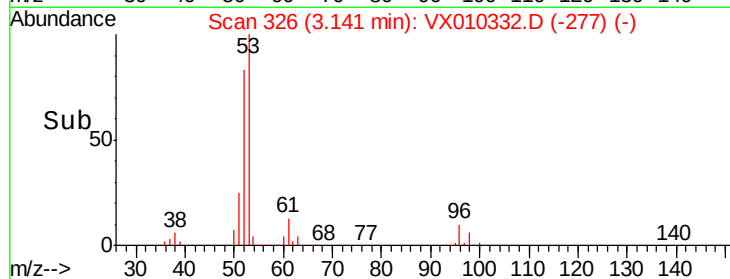
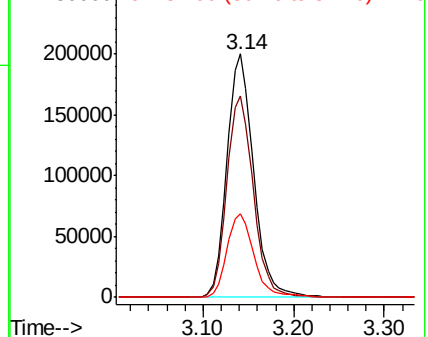
53 100

52 82.5 66.7 100.1

51 34.9 28.8 43.2



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: 272.783 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010332.D

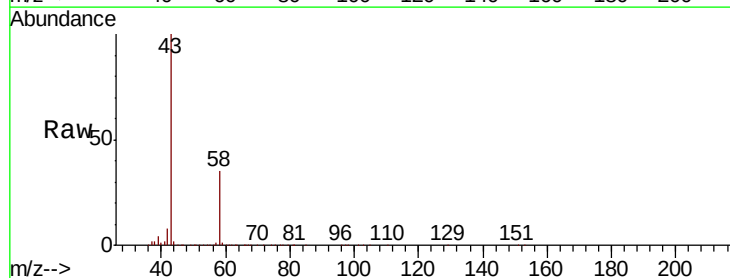
Acq: 18 Jun 2019 10:28

Tgt Ion: 43 Resp: 398292

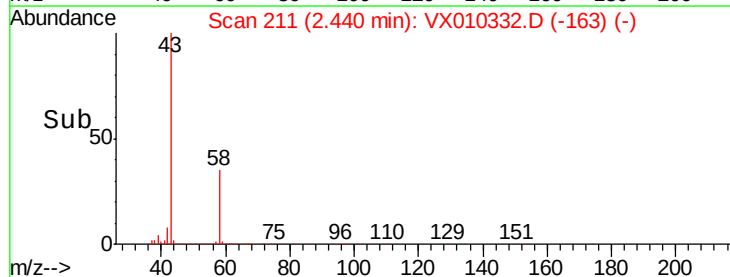
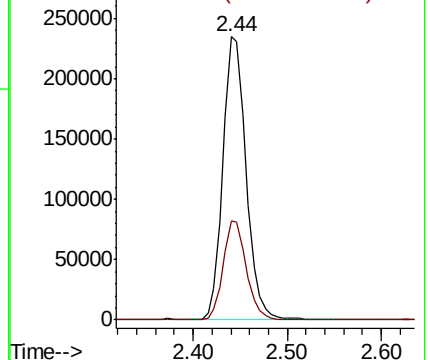
Ion Ratio Lower Upper

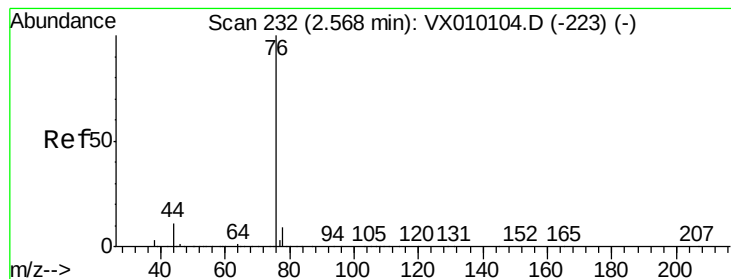
43 100

58 34.8 23.2 34.8#



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





#17

Carbon Disulfide

Concen: 41.449 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

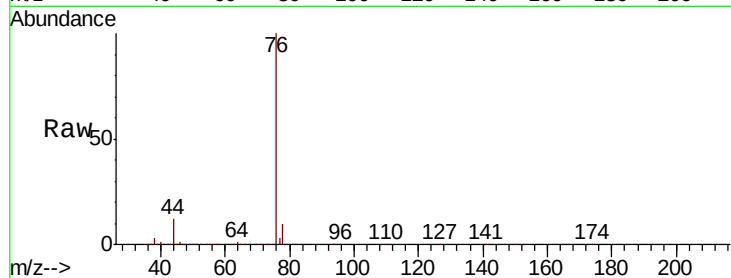
VSTDCCC050

Tot Ion: 76 Resp: 342117

Ion Ratio Lower Upper

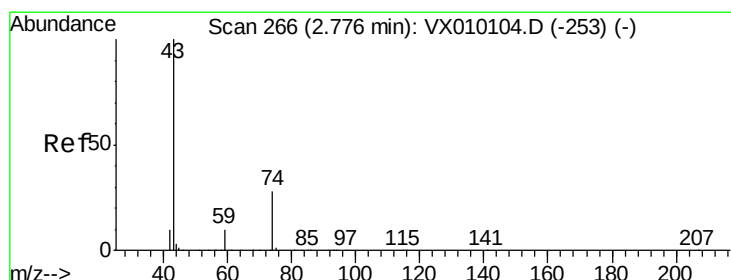
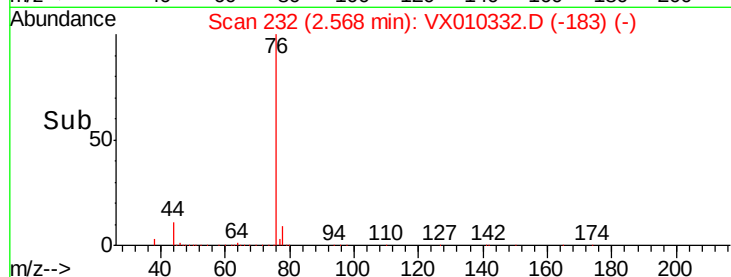
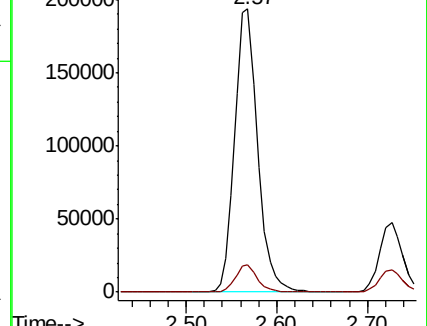
76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.313 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010332.D

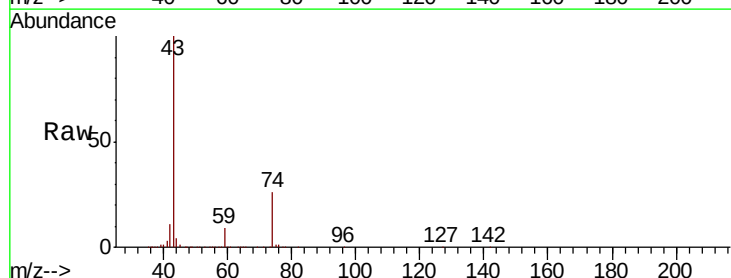
Acq: 18 Jun 2019 10:28

Tgt Ion: 43 Resp: 177615

Ion Ratio Lower Upper

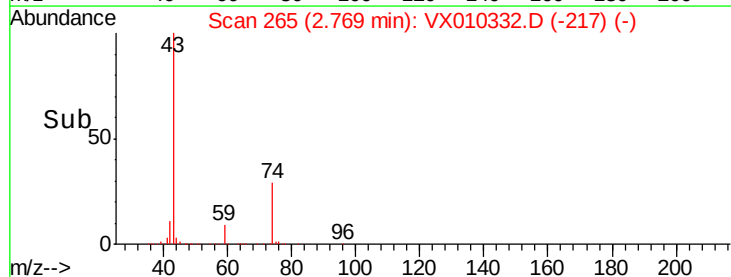
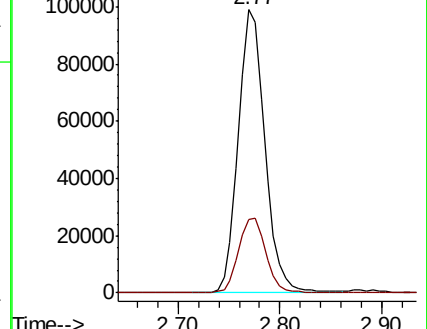
43 100

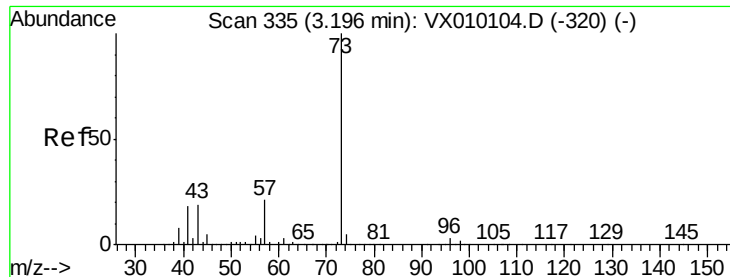
74 27.6 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



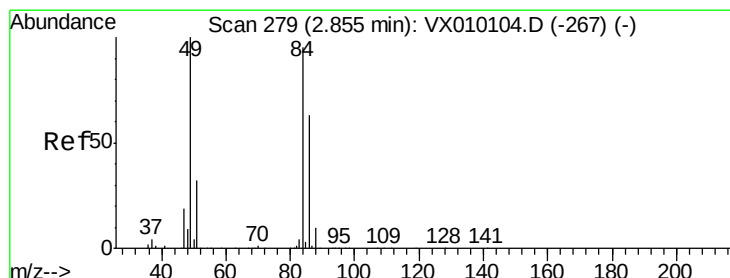
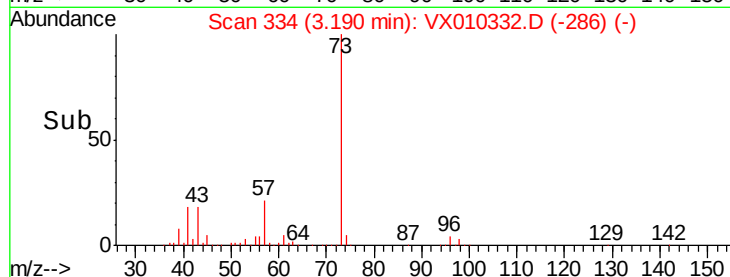
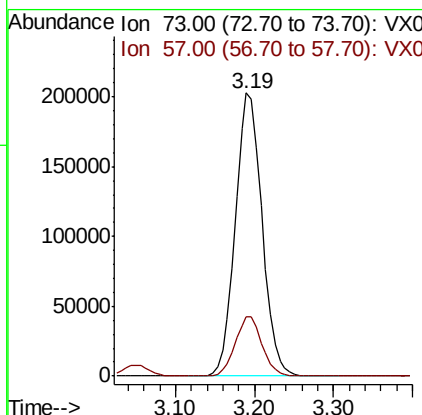
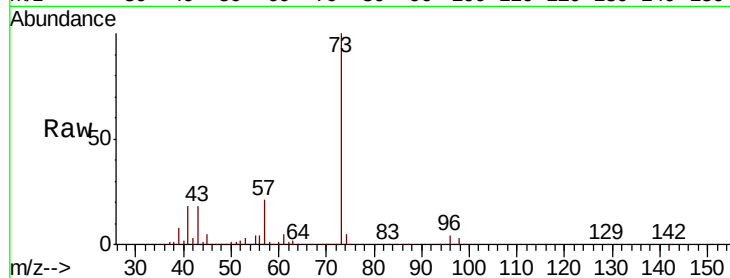


#19

Methyl tert-butyl Ether
 Concen: 51.985 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

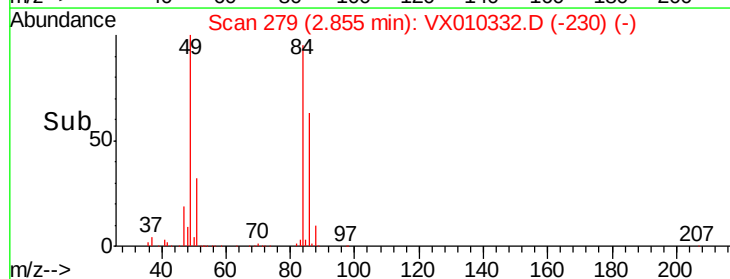
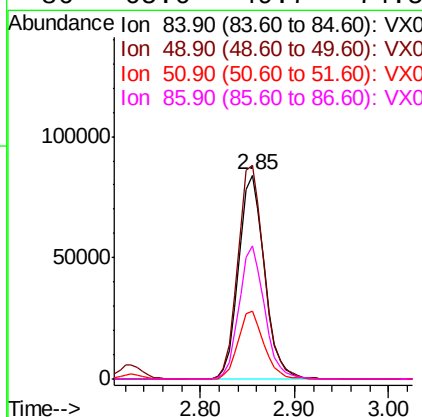
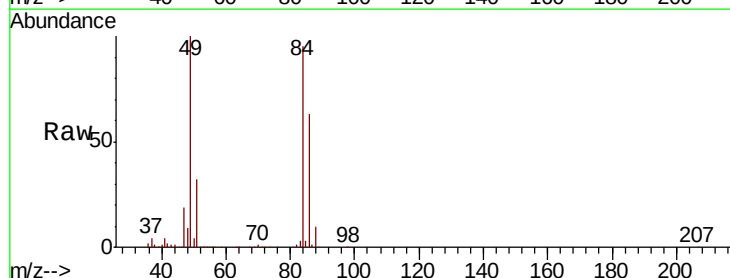
Tot Ion: 73 Resp: 477087
 Ion Ratio Lower Upper
 73 100
 57 21.0 19.4 29.2

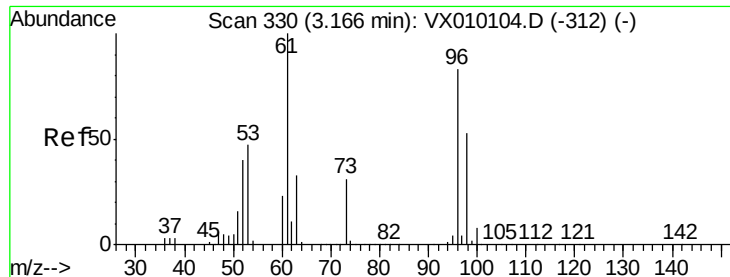


#20

Methylene Chloride
 Concen: 50.438 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

Tgt Ion: 84 Resp: 161736
 Ion Ratio Lower Upper
 84 100
 49 104.7 115.8 173.6#
 51 33.3 34.4 51.6#
 86 65.6 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 47.692 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

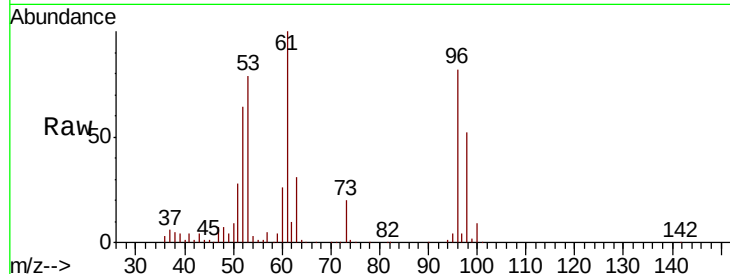
Tot Ion: 96 Resp: 150770

Ion Ratio Lower Upper

96 100

61 122.6 125.7 188.5#

98 63.3 49.0 73.6

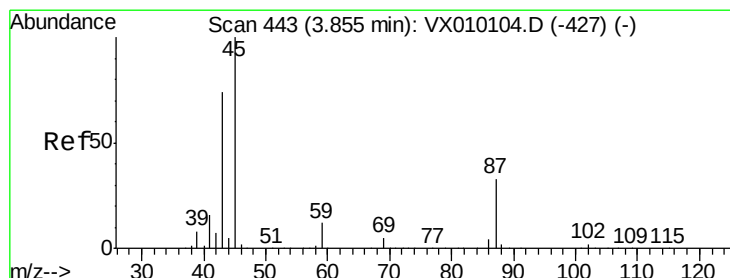
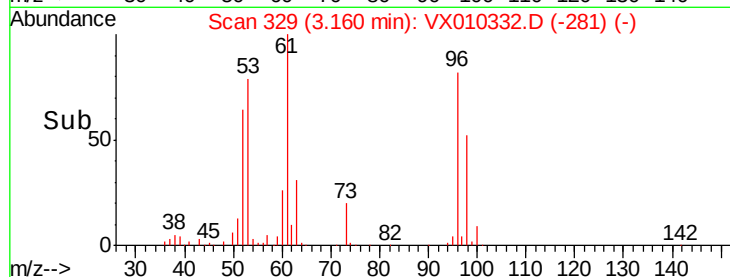
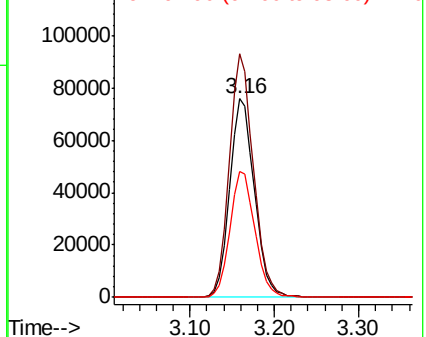


Abundance

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: 53.992 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Tgt Ion: 45 Resp: 445123

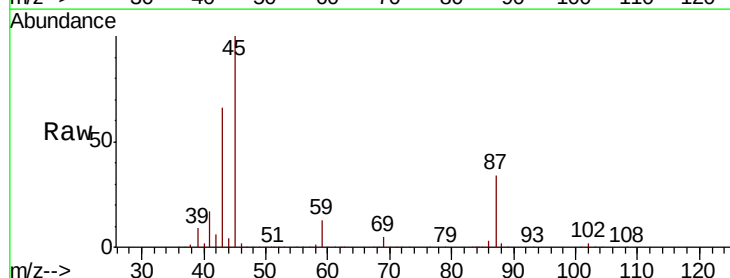
Ion Ratio Lower Upper

45 100

43 66.2 65.0 97.4

87 33.6 17.3 25.9#

59 12.7 8.1 12.1#



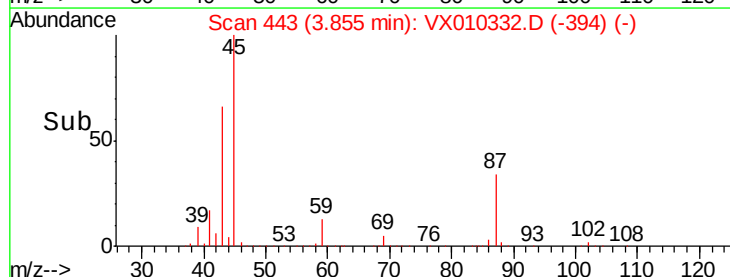
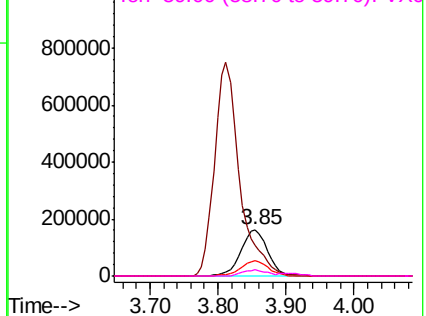
Abundance

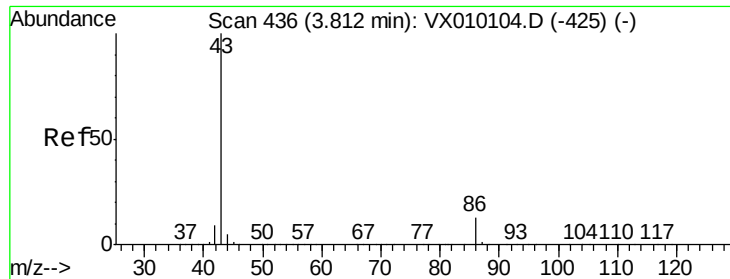
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 262.924 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

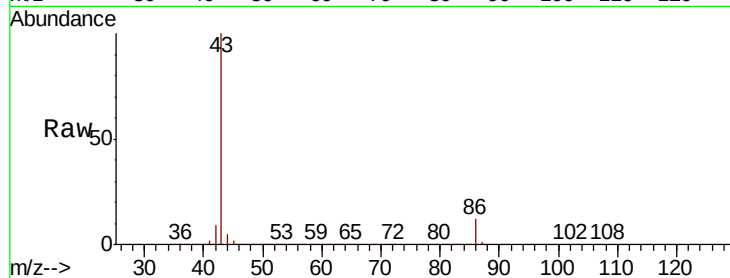
VSTDCCC050

Tot Ion: 43 Resp: 1933743

Ion Ratio Lower Upper

43 100

86 12.4 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

800000

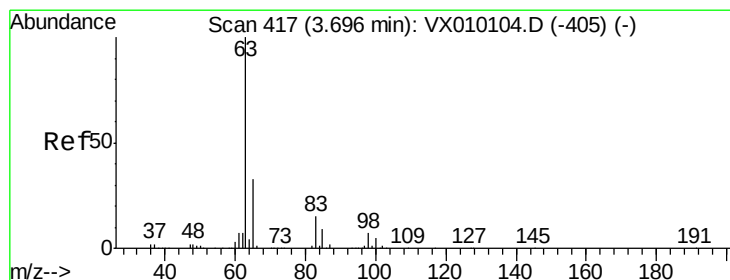
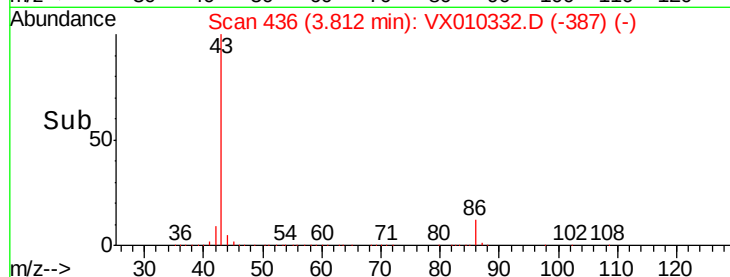
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 50.723 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

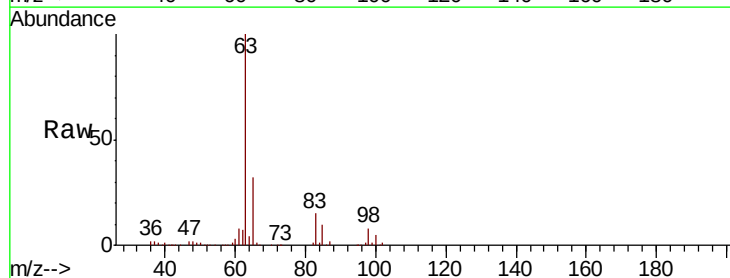
Tgt Ion: 63 Resp: 253898

Ion Ratio Lower Upper

63 100

98 7.9 2.9 8.8

100 4.8 1.8 5.4



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

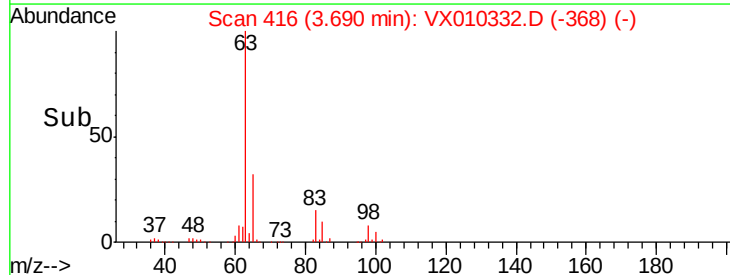
3.69

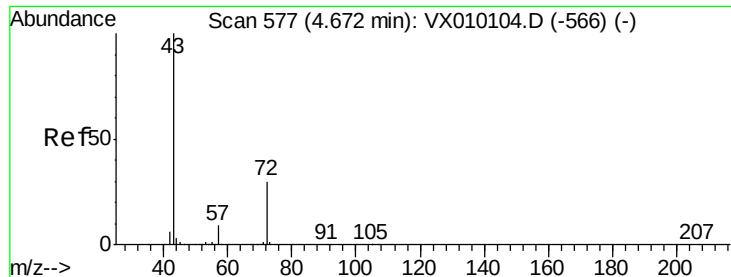
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 269.744 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

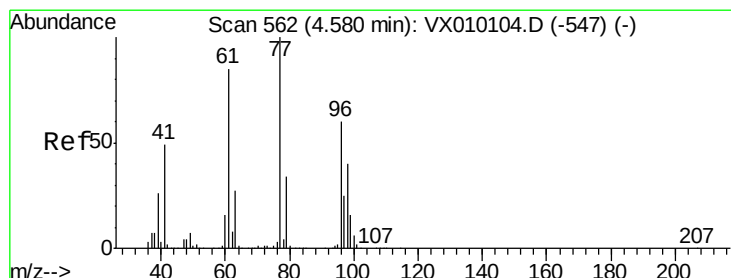
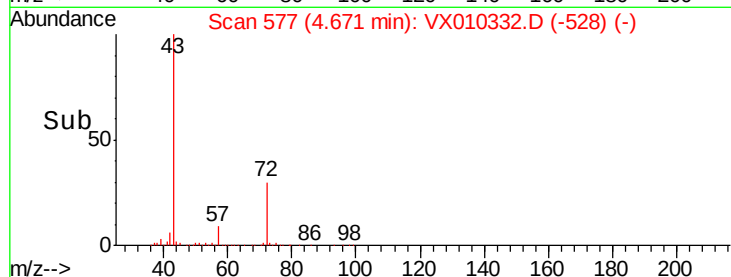
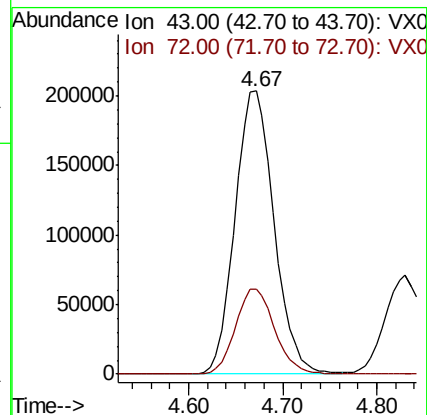
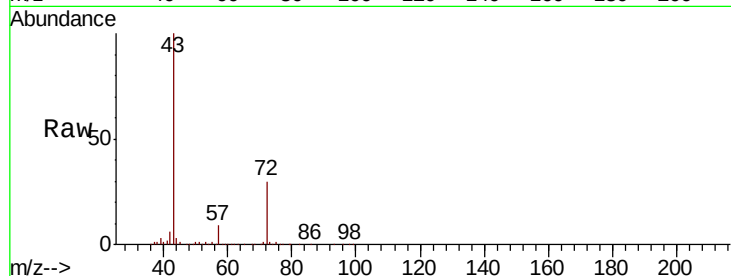
VSTDCCC050

Tot Ion: 43 Resp: 586485

Ion Ratio Lower Upper

43 100

72 30.0 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 50.566 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010332.D

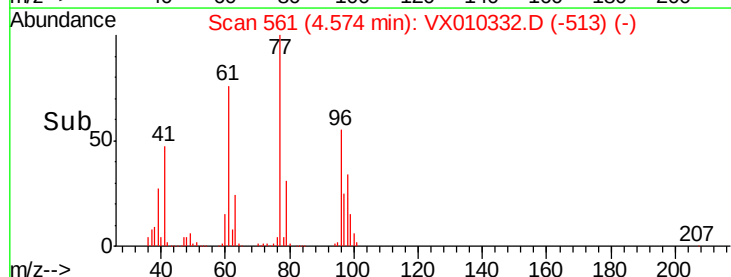
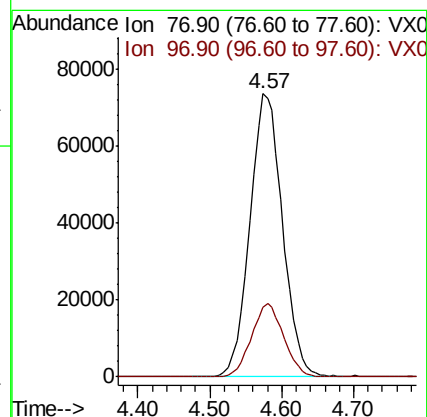
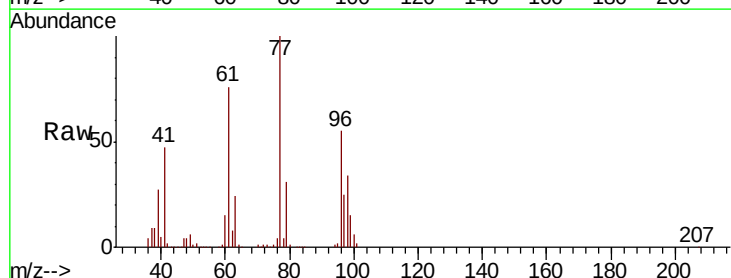
Acq: 18 Jun 2019 10:28

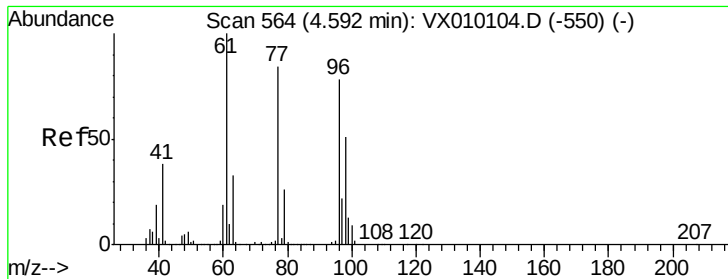
Tgt Ion: 77 Resp: 230911

Ion Ratio Lower Upper

77 100

97 25.7 11.4 34.2



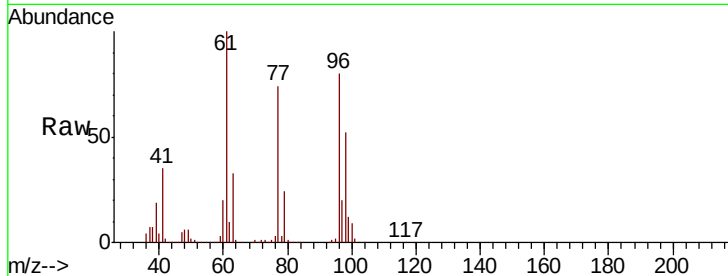


#27

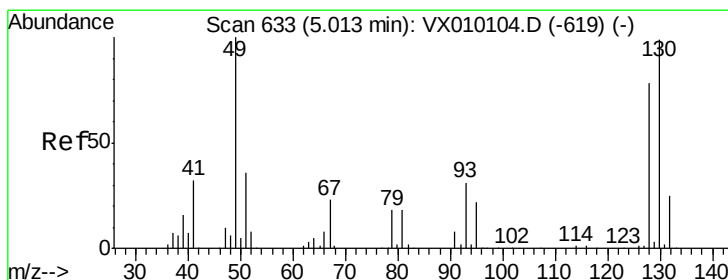
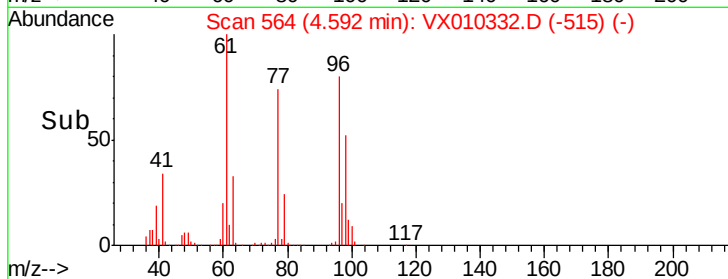
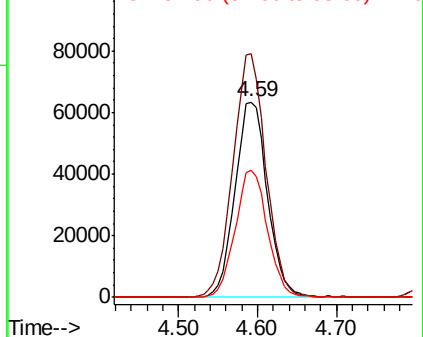
cis-1,2-Dichloroethene
Concen: 51.573 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	96	Resp	181374
Ion Ratio	Lower	Upper	
96	100		
61	126.8	0.0	334.0
98	64.9	0.0	131.6



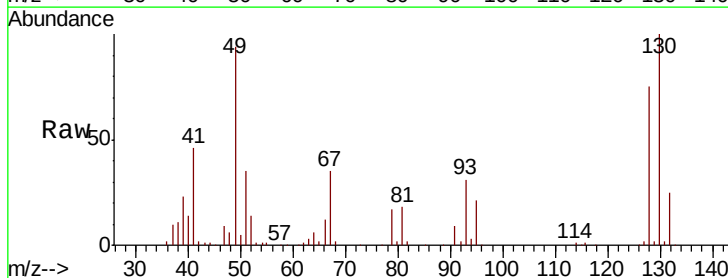
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



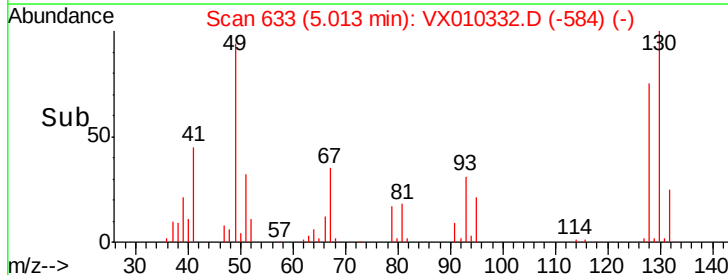
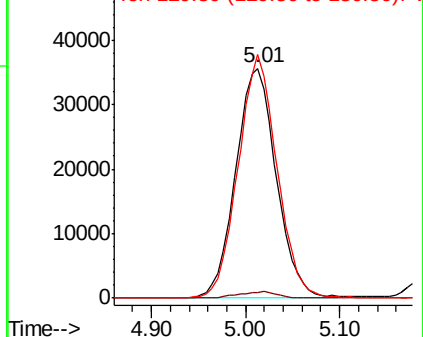
#28

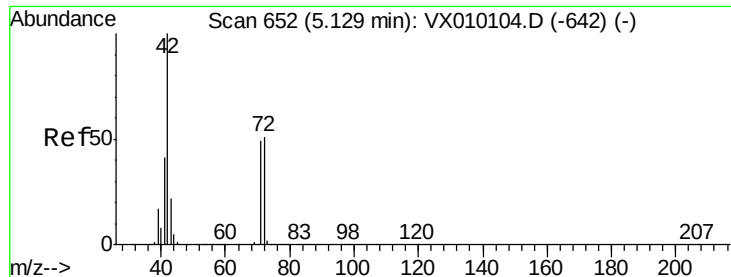
Bromochloromethane
Concen: 47.855 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

Tgt Ion	49	Resp	107356
Ion Ratio	Lower	Upper	
49	100		
129	2.8	0.0	3.4
130	101.2	49.4	74.2#



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

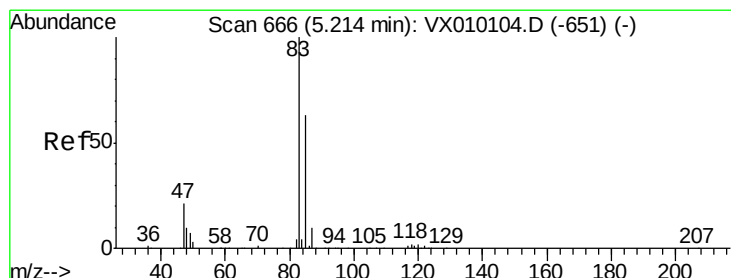
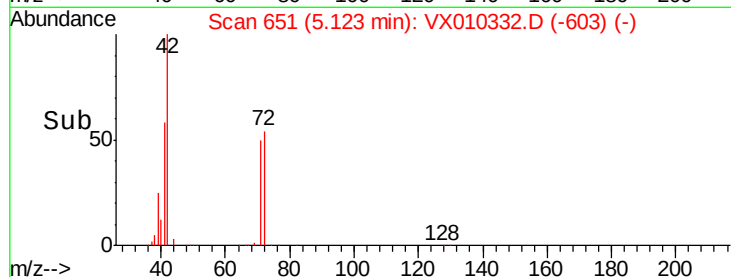
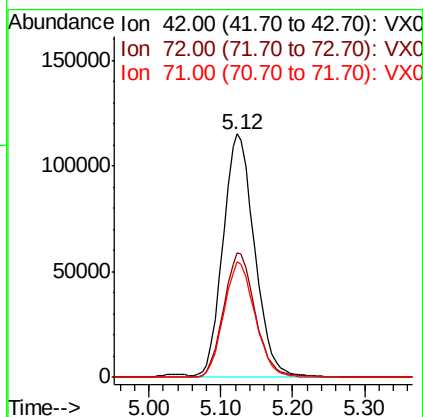
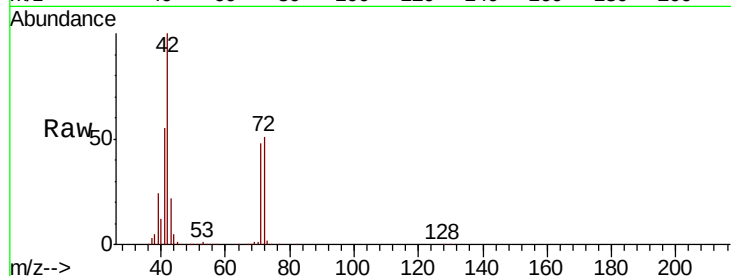




#29
Tetrahydrofuran
Concen: 255.546 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

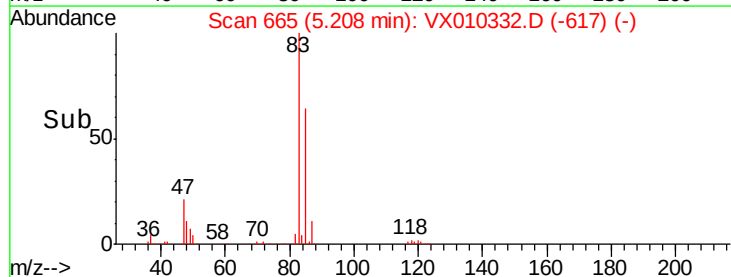
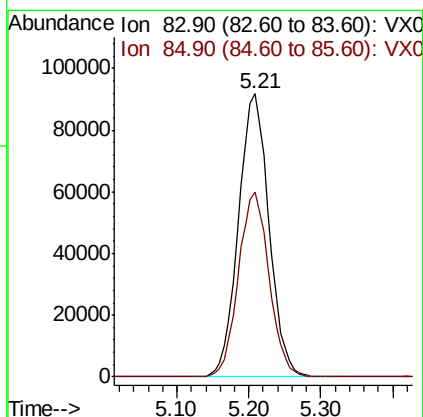
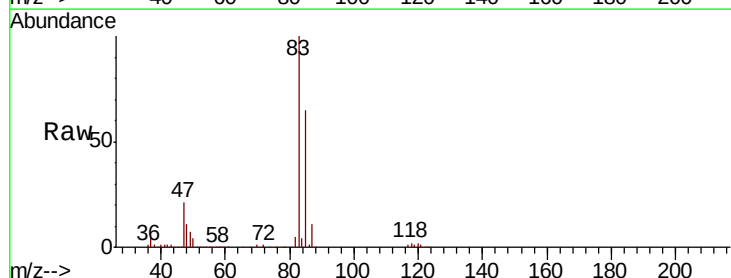
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

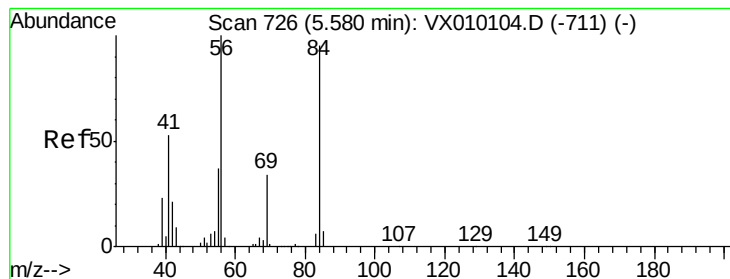
Tot Ion: 42 Resp: 349179
Ion Ratio Lower Upper
42 100
72 51.6 29.2 43.8#
71 47.2 27.6 41.4#



#30
Chloroform
Concen: 51.967 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

Tgt Ion: 83 Resp: 270146
Ion Ratio Lower Upper
83 100
85 65.5 52.6 78.8





#31

Cyclohexane

Concen: 50.534 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

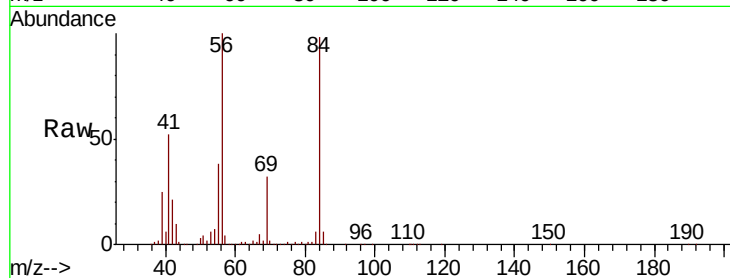
Tot Ion: 56 Resp: 228289

Ion Ratio Lower Upper

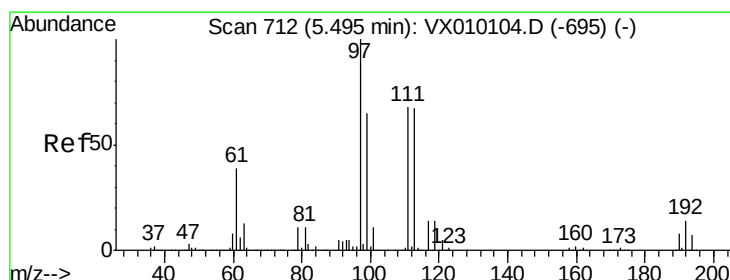
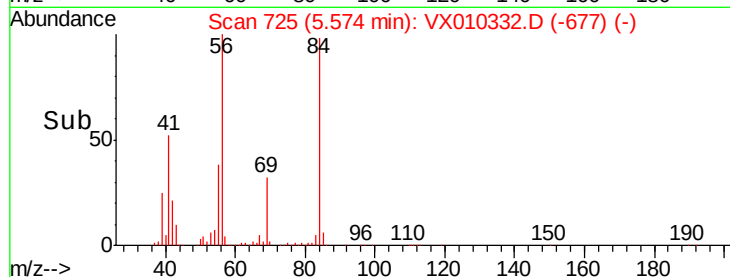
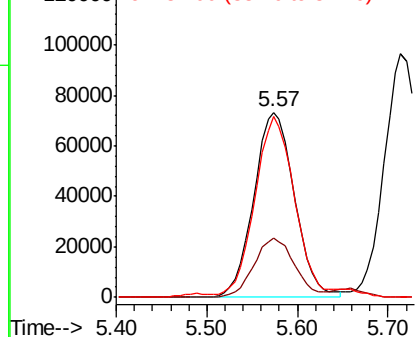
56 100

69 32.1 21.6 32.4

84 96.0 56.8 85.2#



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: 50.419 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

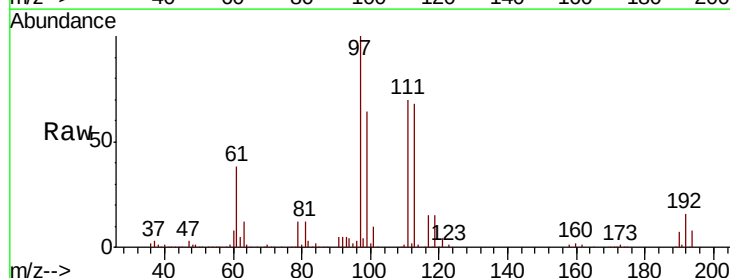
Tgt Ion: 97 Resp: 246401

Ion Ratio Lower Upper

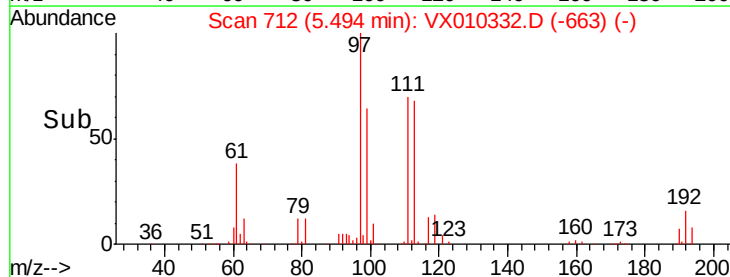
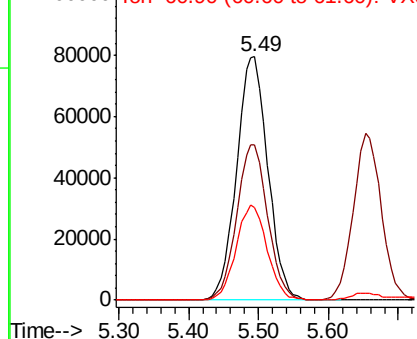
97 100

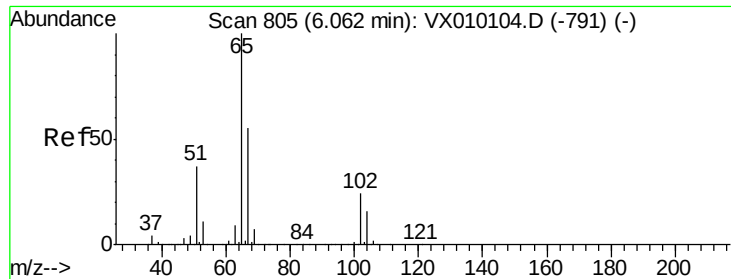
99 63.4 51.0 76.4

61 38.9 38.7 58.1



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: 49.723 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

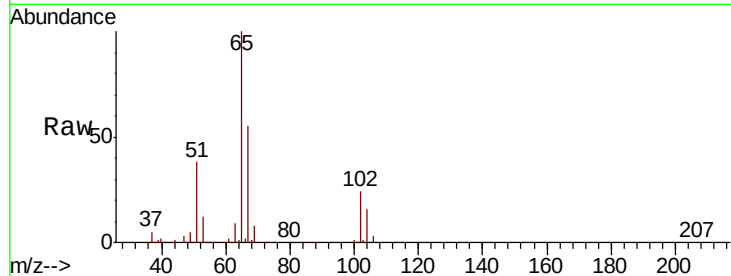
VSTDCCC050

Tot Ion: 65 Resp: 154357

Ion Ratio Lower Upper

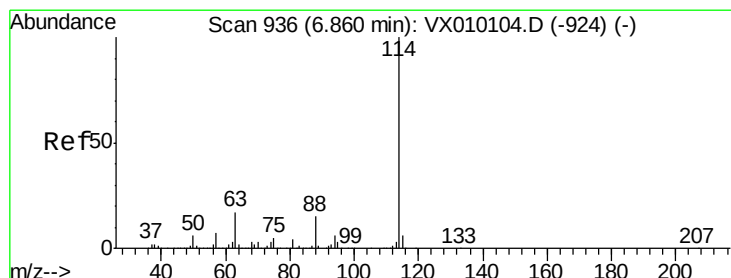
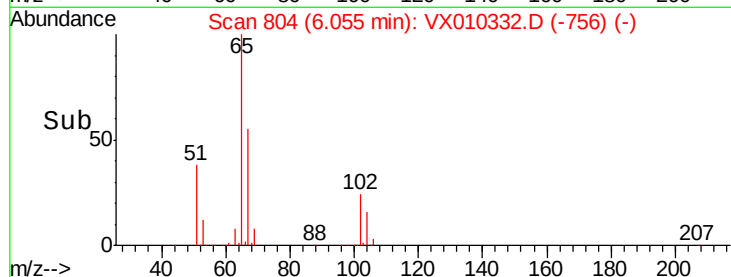
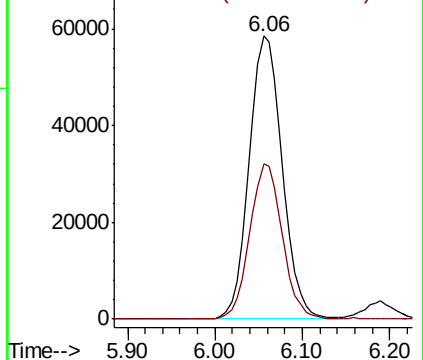
65 100

67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

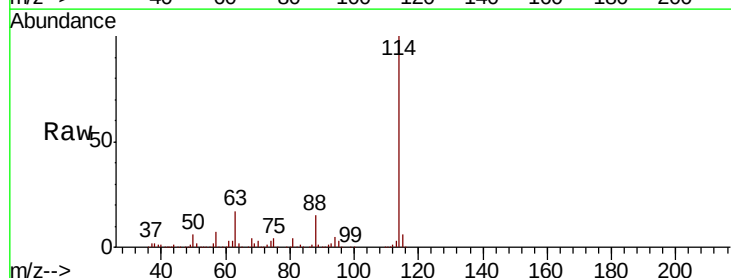
Tgt Ion: 114 Resp: 463715

Ion Ratio Lower Upper

114 100

63 17.0 0.0 47.4

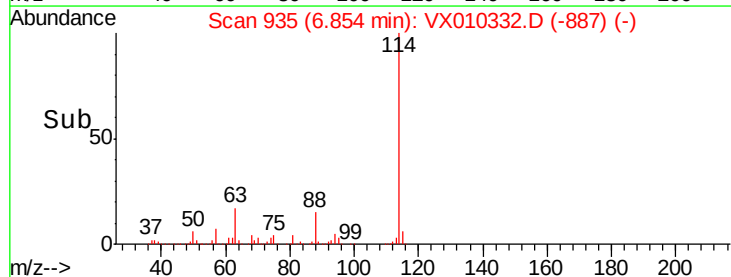
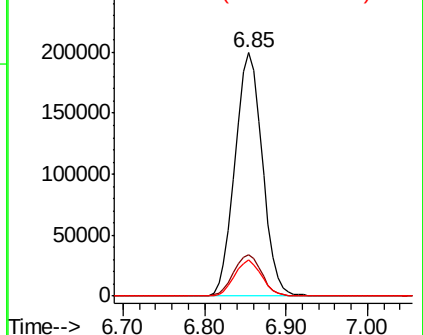
88 14.7 0.0 33.0

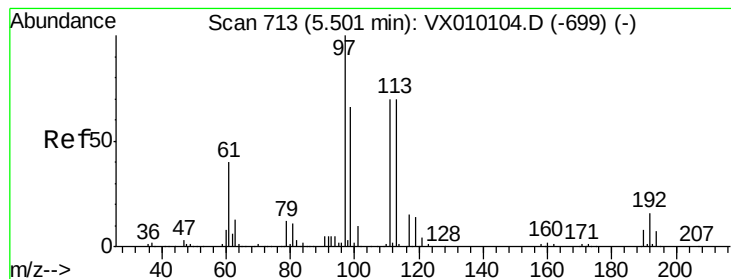


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.039 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

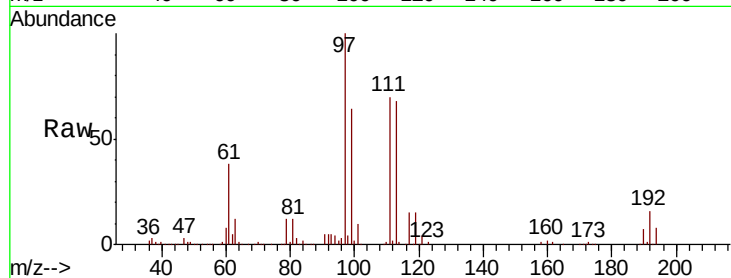
Tot Ion:113 Resp: 154569

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

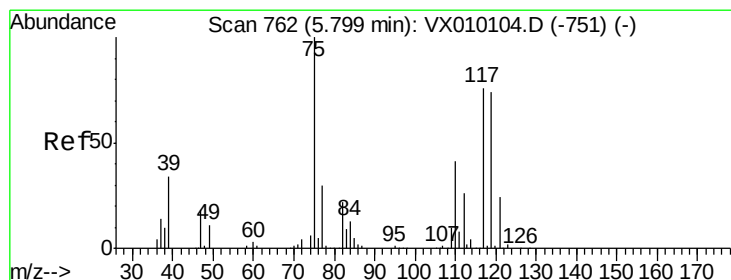
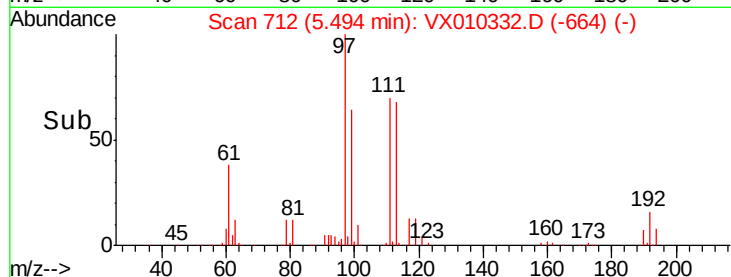
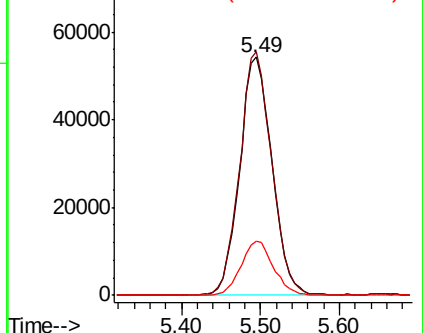
192 22.7 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.243 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

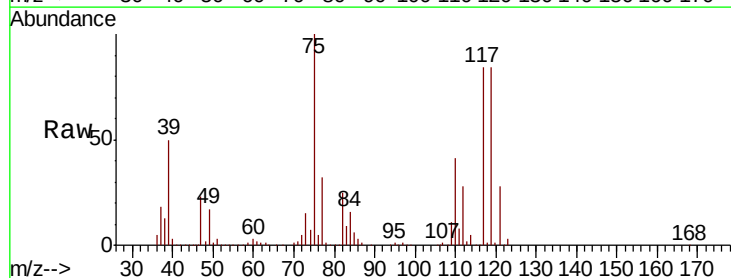
Tgt Ion: 75 Resp: 193862

Ion Ratio Lower Upper

75 100

110 41.3 16.7 50.1

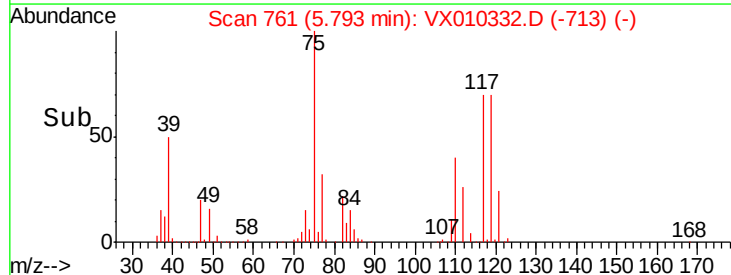
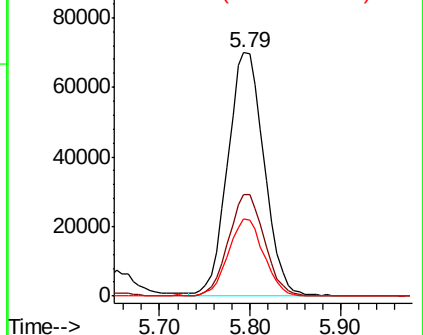
77 31.0 25.0 37.4

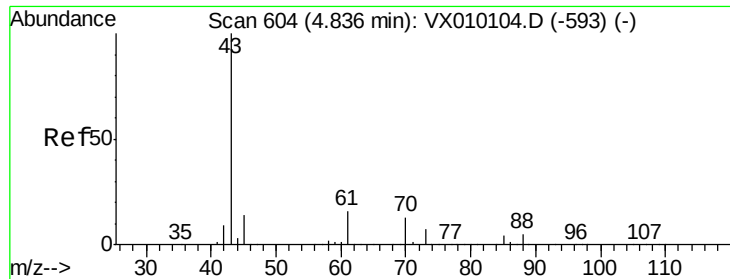


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.362 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

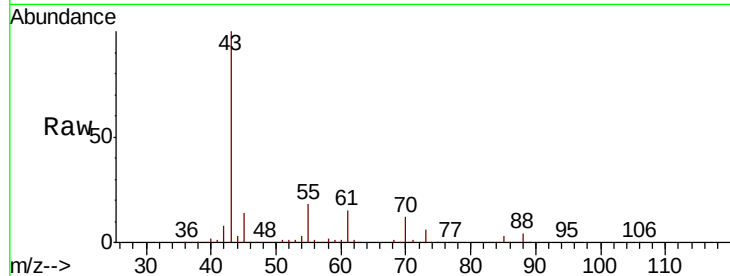
Tot Ion: 43 Resp: 206114

Ion Ratio Lower Upper

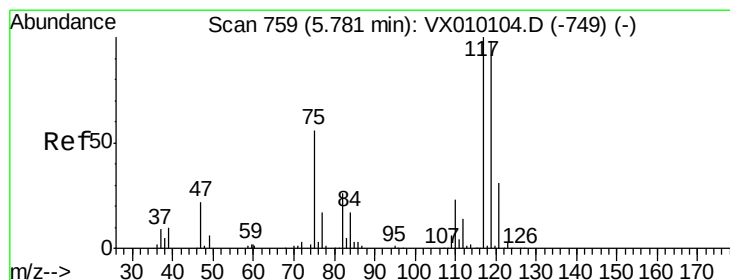
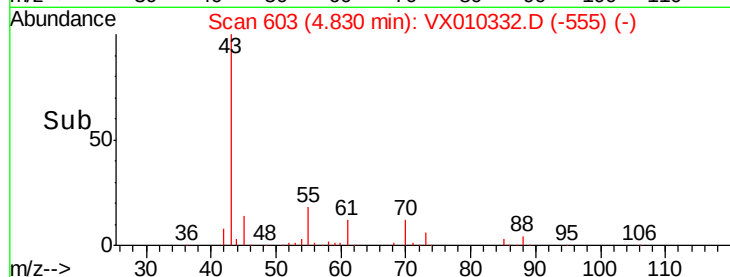
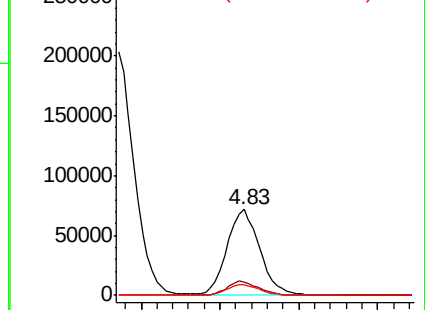
43 100

61 15.4 10.2 15.2#

70 12.5 7.4 11.2#



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: 51.607 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

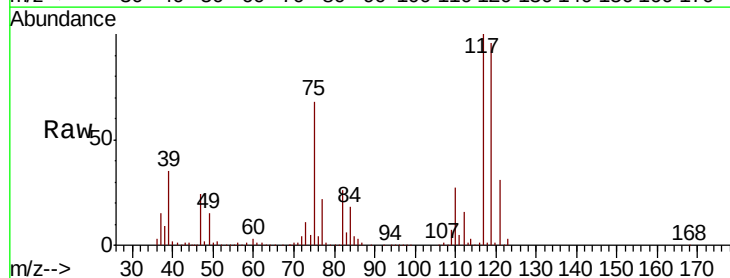
Tgt Ion: 117 Resp: 220989

Ion Ratio Lower Upper

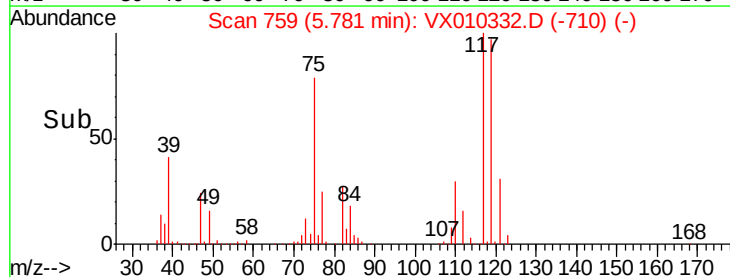
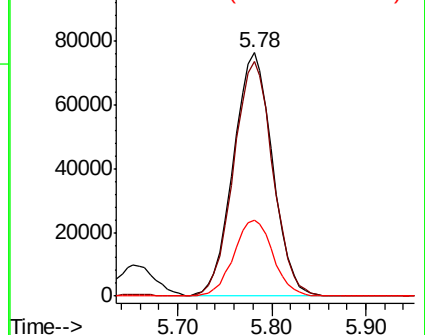
117 100

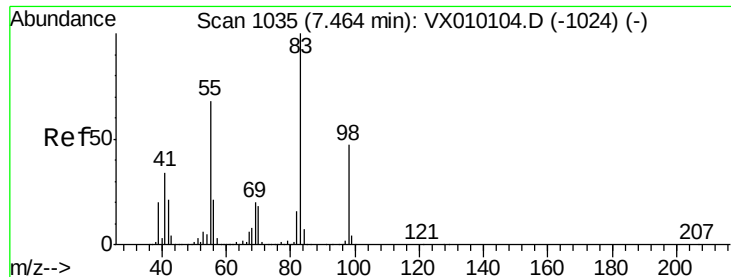
119 96.4 77.3 115.9

121 31.2 25.4 38.0



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

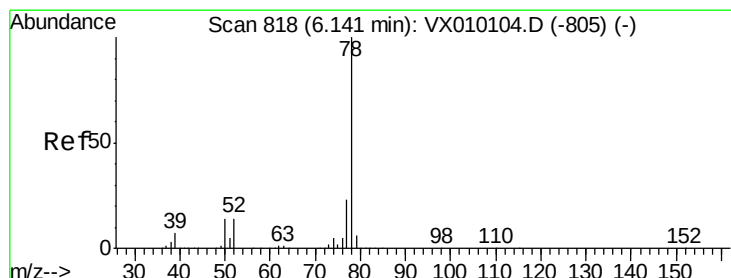
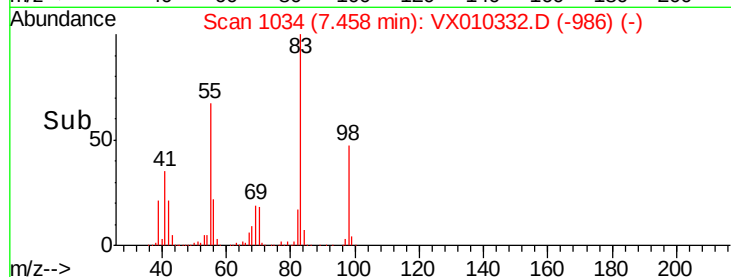
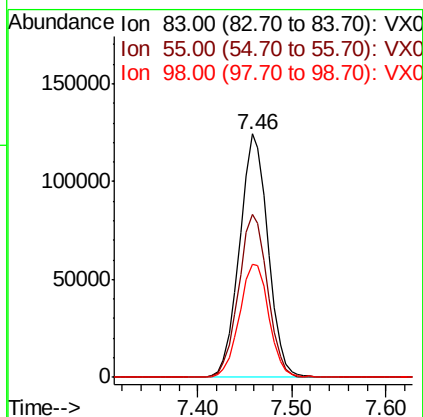
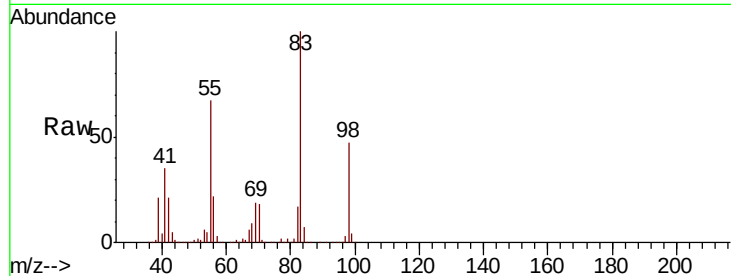




#39
Methylvlcyclohexane
Concen: 51.075 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

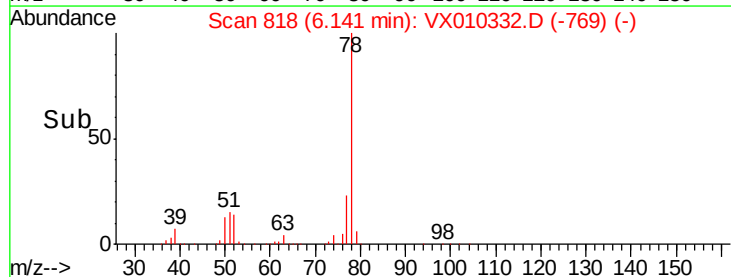
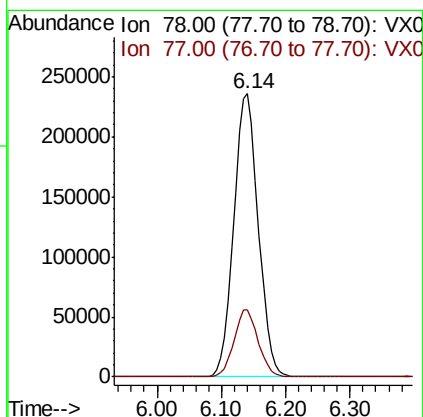
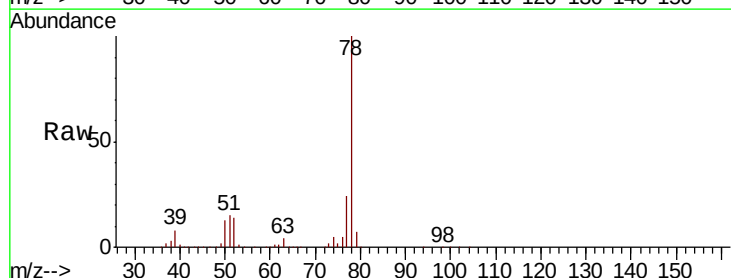
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

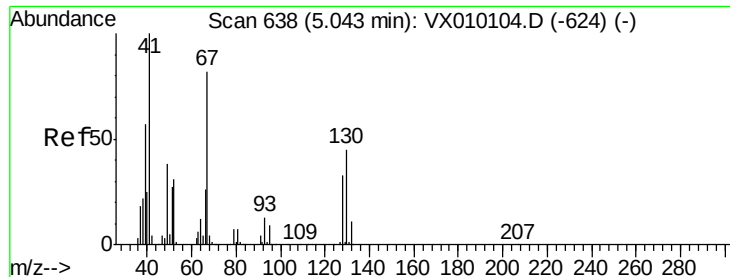
Tot Ion: 83 Resp: 263116
Ion Ratio Lower Upper
83 100
55 66.7 69.9 104.9#
98 46.7 35.1 52.7



#40
Benzene
Concen: 53.329 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

Tgt Ion: 78 Resp: 623870
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8

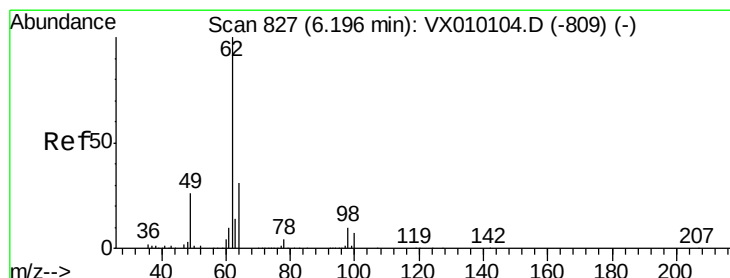
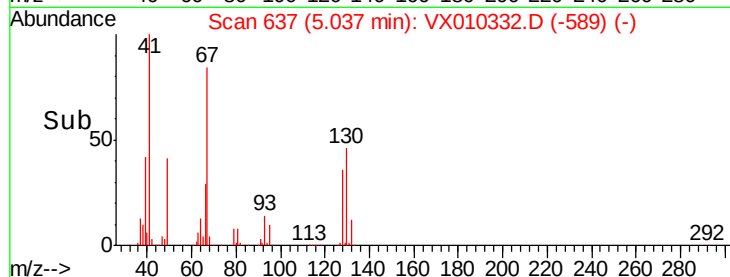
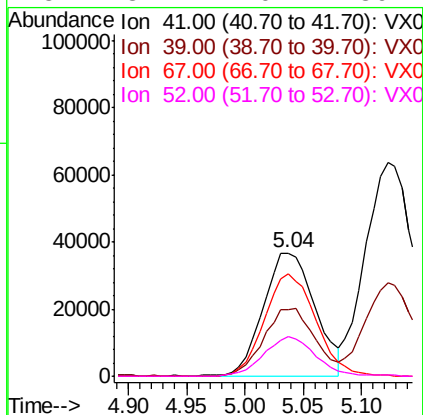
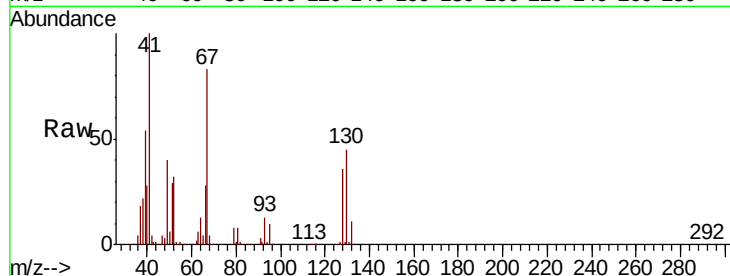




#41
Methacrylonitrile
Concen: 53.009 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

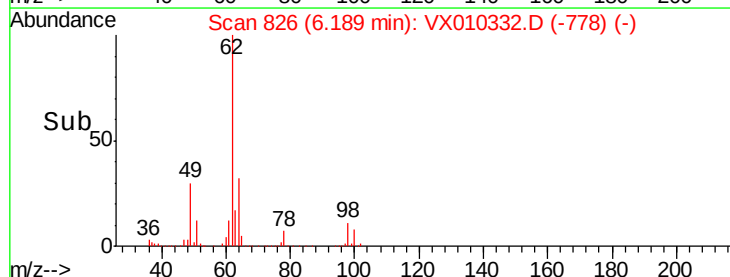
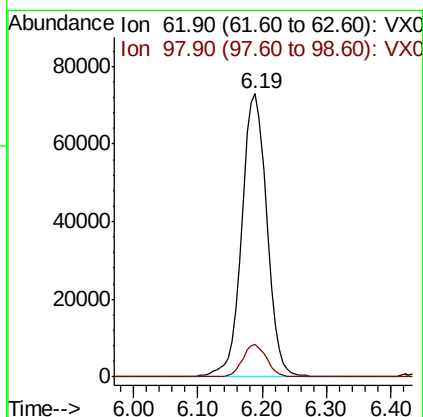
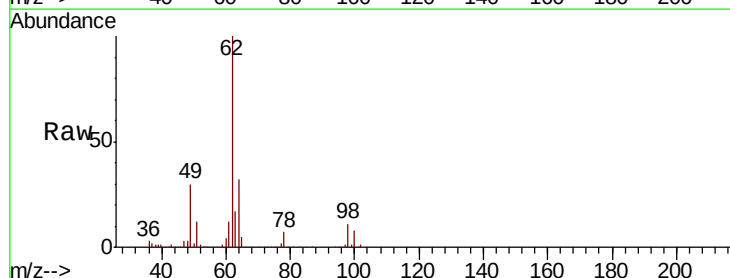
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

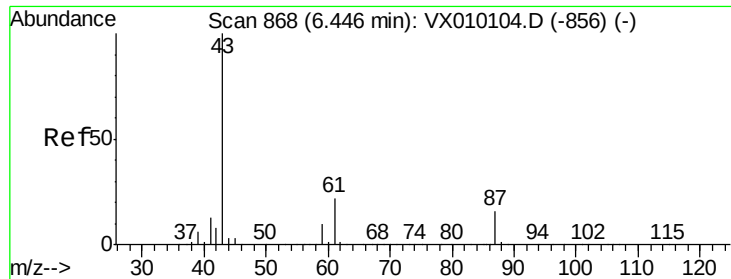
Tot Ion:	41	Resp:	112871
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.2	63.4
67	82.4	48.9	73.3#
52	31.7	20.1	30.1#



#42
1,2-Dichloroethane
Concen: 52.056 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

Tgt Ion:	62	Resp:	194414
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	17.2





#43

Isopropyl Acetate

Concen: 53.033 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

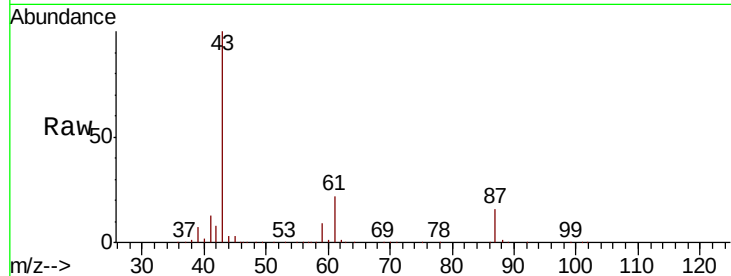
Tot Ion: 43 Resp: 349036

Ion Ratio Lower Upper

43 100

61 21.8 14.6 21.8

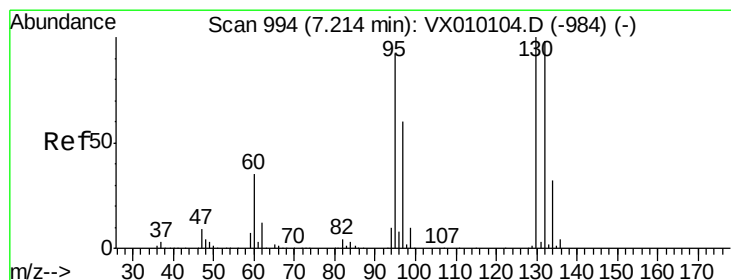
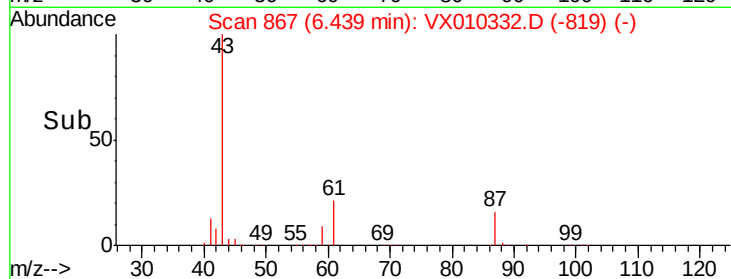
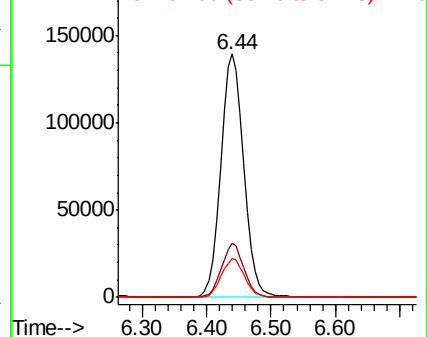
87 16.1 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 53.240 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010332.D

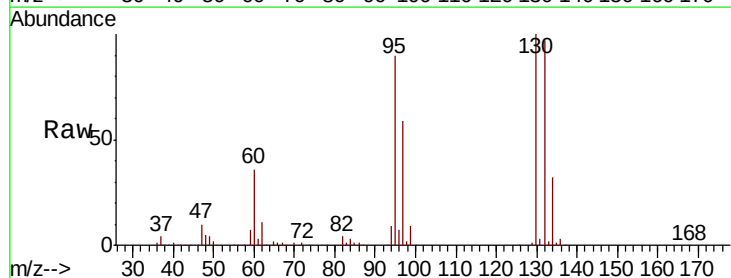
Acq: 18 Jun 2019 10:28

Tgt Ion:130 Resp: 187736

Ion Ratio Lower Upper

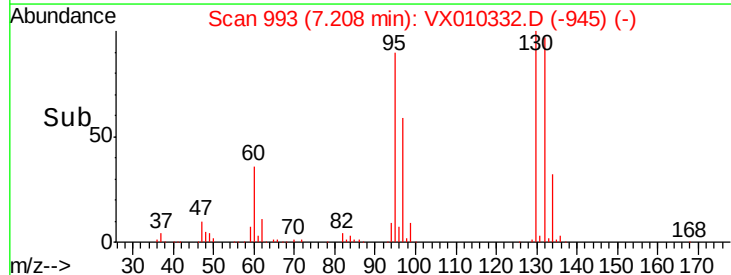
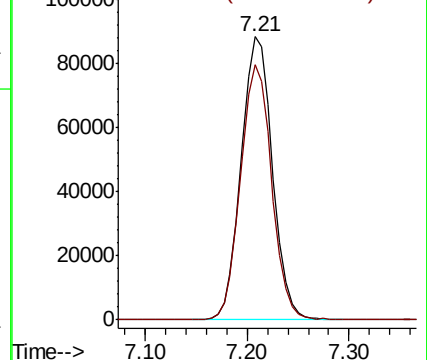
130 100

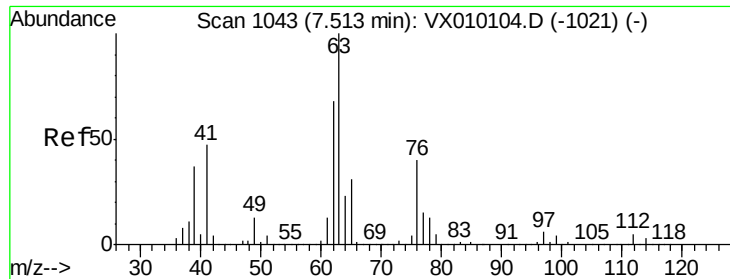
95 90.1 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

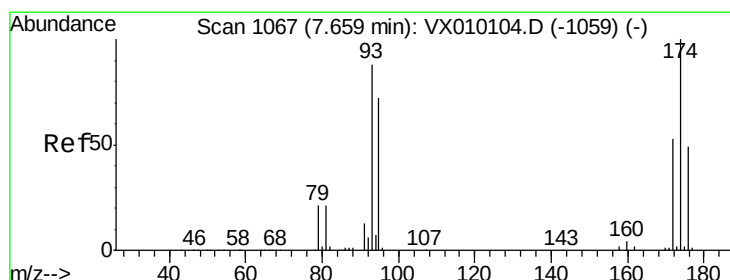
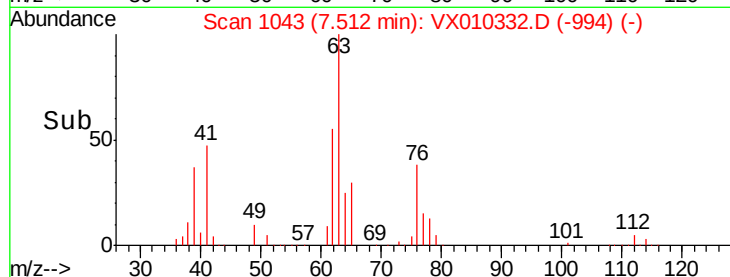
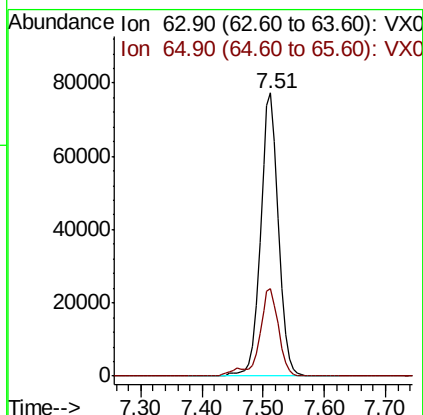
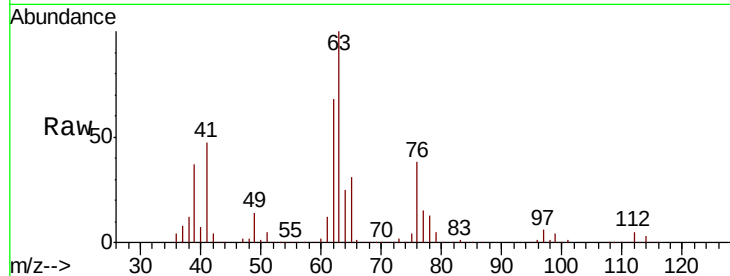




#45
 1,2-Dichloropropane
 Concen: 54.236 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

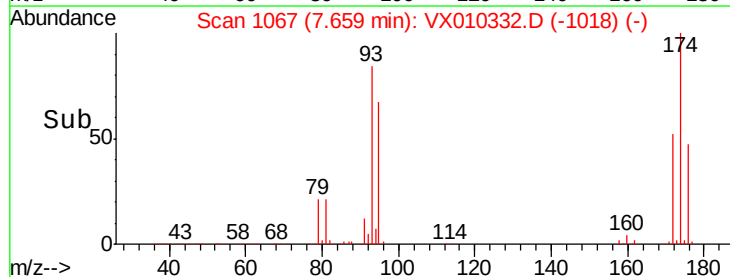
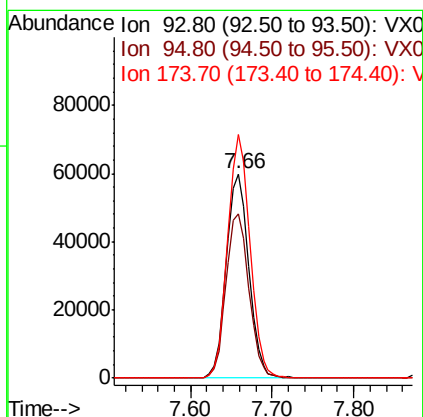
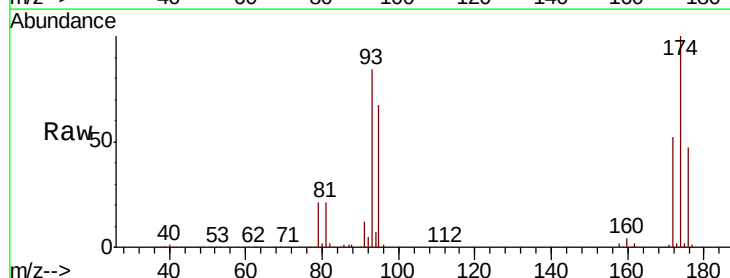
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

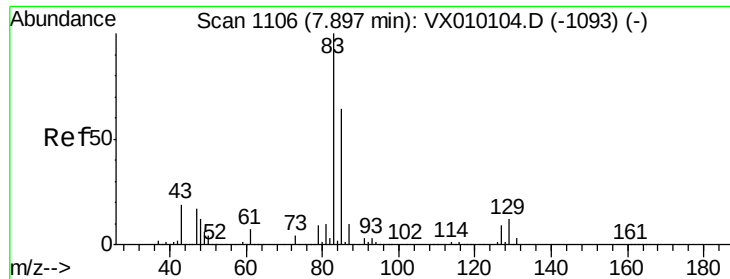
Tot Ion: 63 Resp: 158803
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.7 38.5



#46
 Dibromomethane
 Concen: 51.997 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

Tgt Ion: 93 Resp: 114061
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.8 100.2
 174 118.1 81.9 122.9





#47

Bromodichloromethane

Concen: 53.577 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

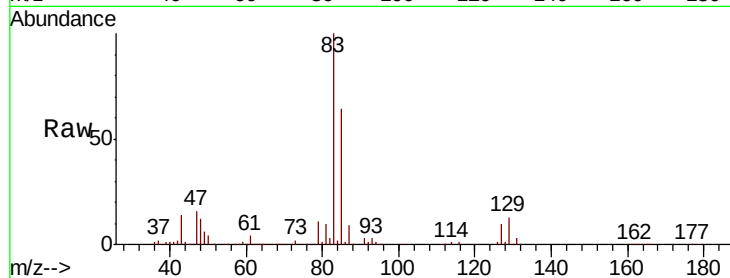
Tot Ion: 83 Resp: 219610

Ion Ratio Lower Upper

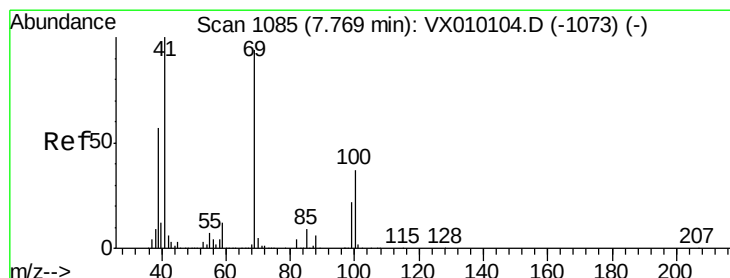
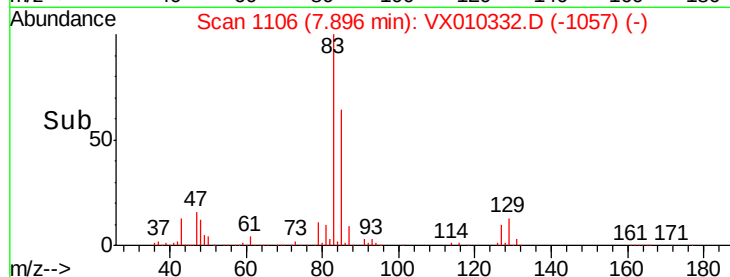
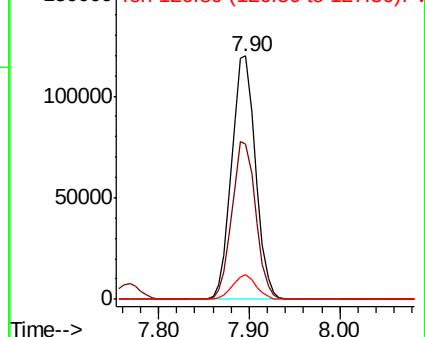
83 100

85 63.5 51.4 77.2

127 10.1 6.4 9.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.922 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

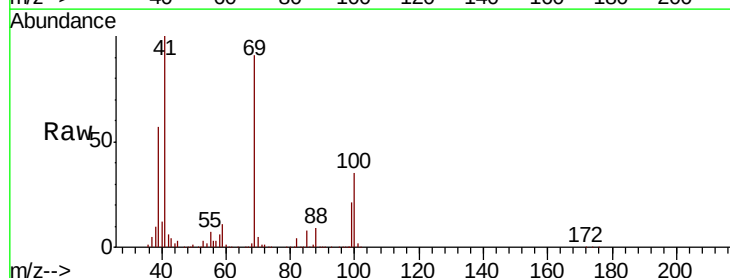
Tgt Ion: 41 Resp: 165970

Ion Ratio Lower Upper

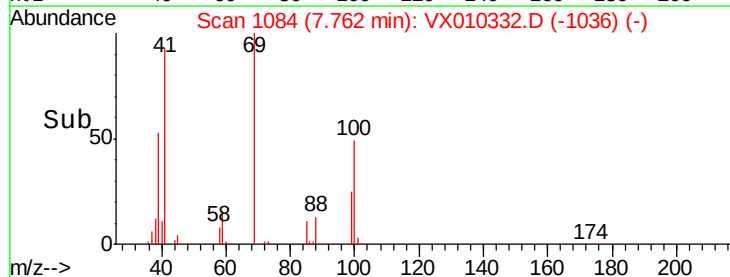
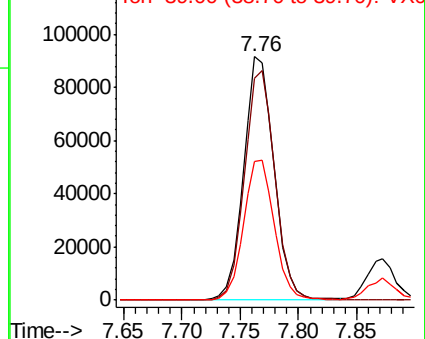
41 100

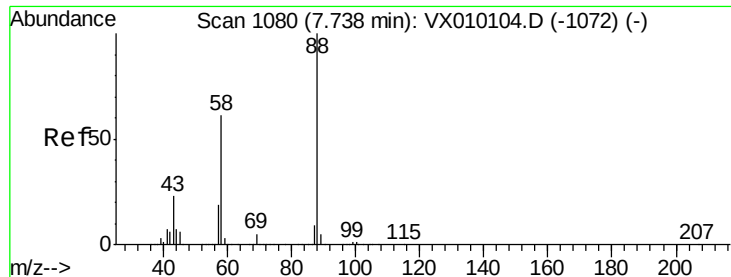
69 95.2 56.4 84.6#

39 58.1 40.6 60.8



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

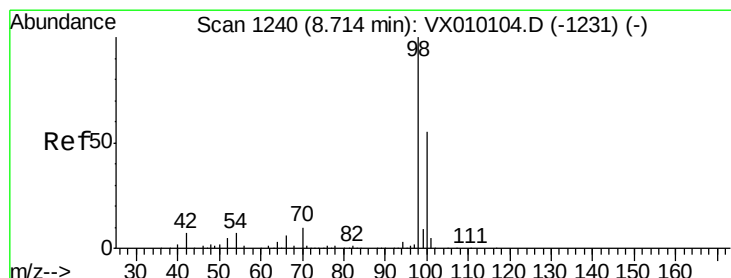
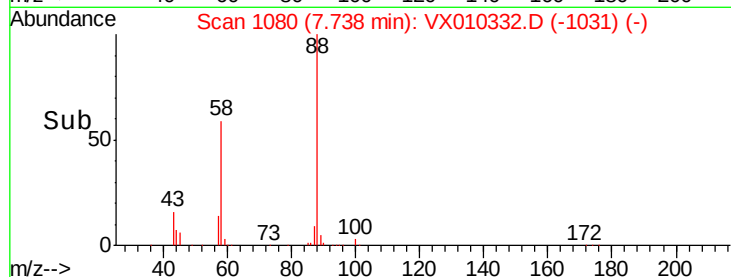
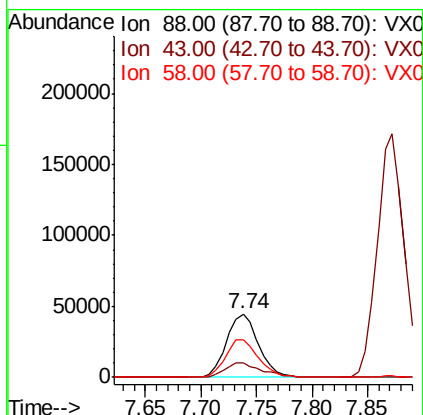
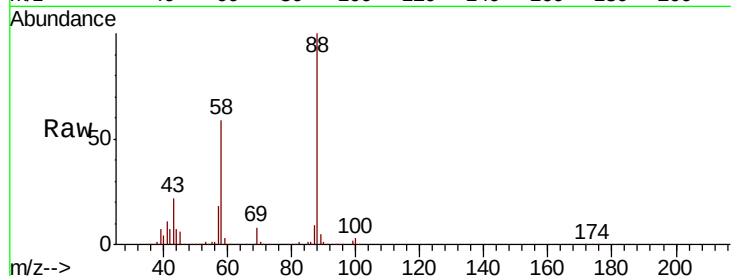




#49
1,4-Dioxane
Concen: 1005.758 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

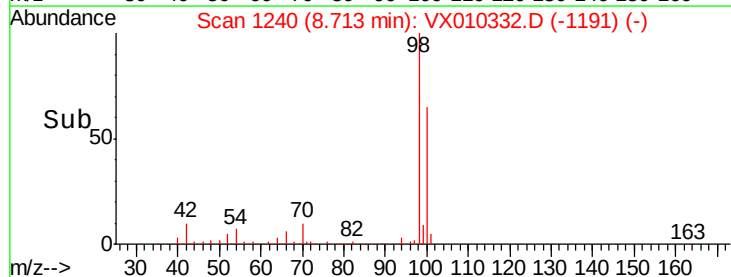
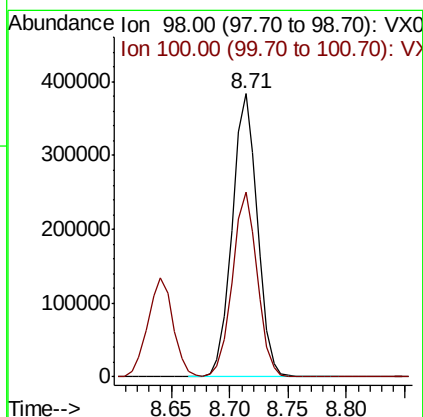
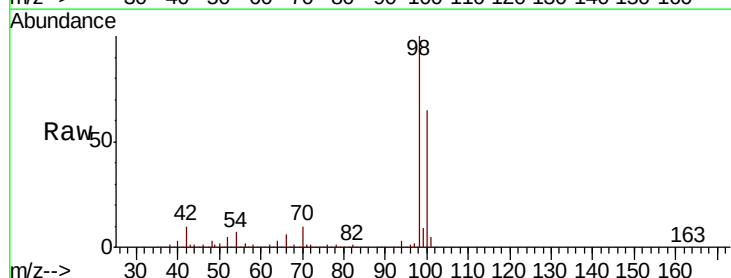
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

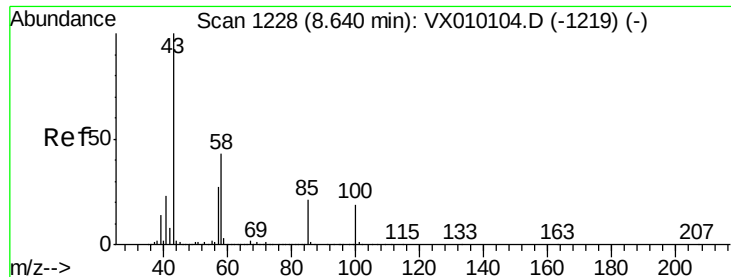
Tot Ion: 88 Resp: 88262
Ion Ratio Lower Upper
88 100
43 25.8 30.2 45.4#
58 61.7 64.0 96.0#



#50
Toluene-d8
Concen: 54.035 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

Tgt Ion: 98 Resp: 579252
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

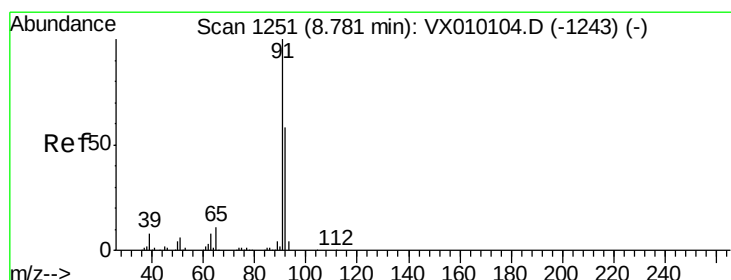
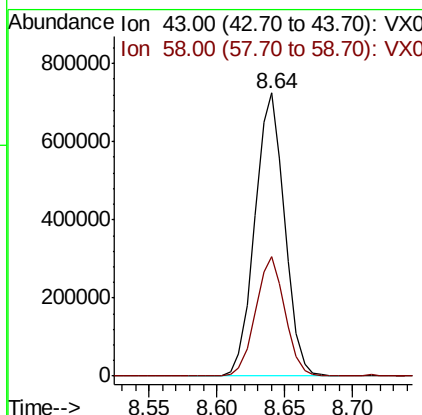
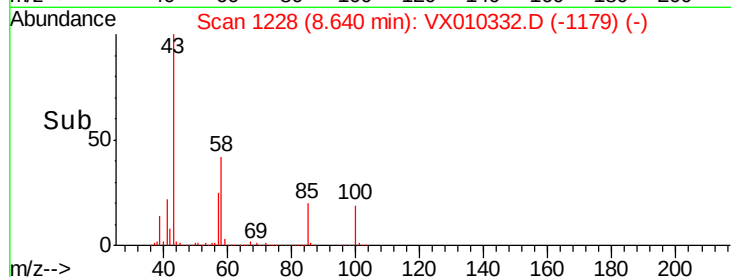
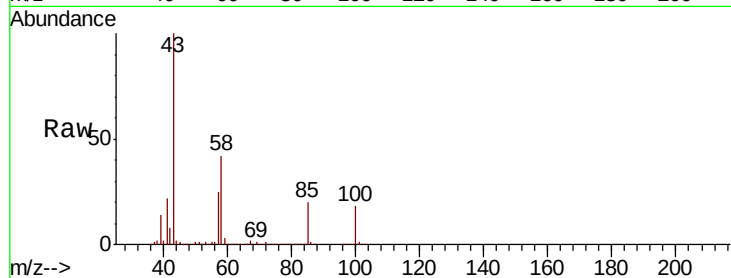




#51
 4-Methyl-2-Pentanone
 Concen: 282.751 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

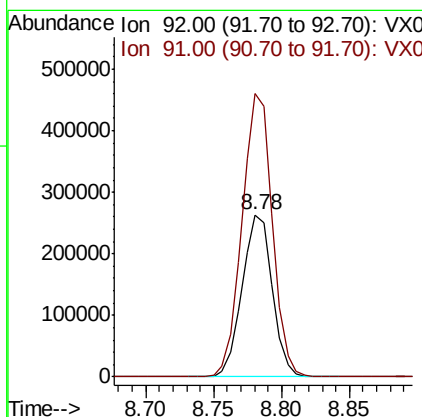
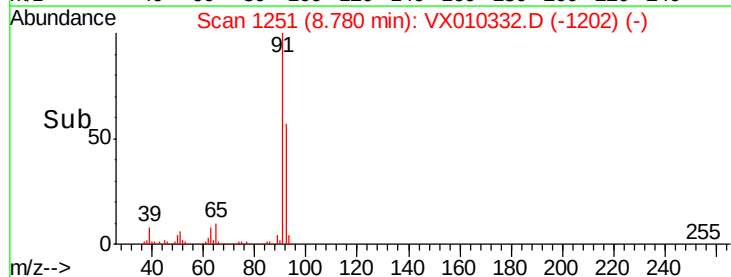
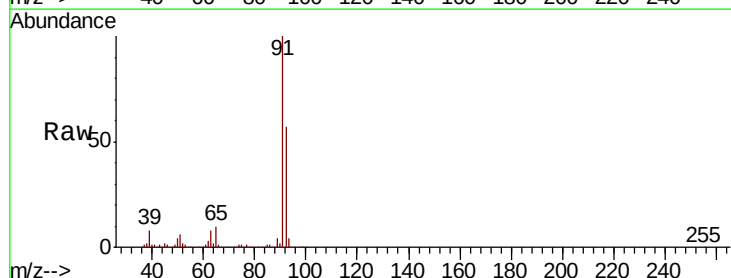
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

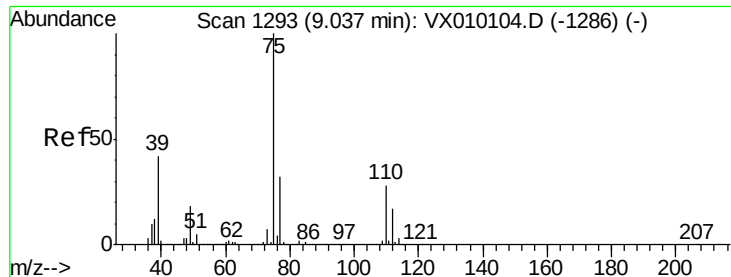
Tot Ion: 43 Resp: 1111714
 Ion Ratio Lower Upper
 43 100
 58 41.6 28.8 43.2



#52
 Toluene
 Concen: 53.100 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

Tgt Ion: 92 Resp: 408335
 Ion Ratio Lower Upper
 92 100
 91 175.3 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 52.356 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

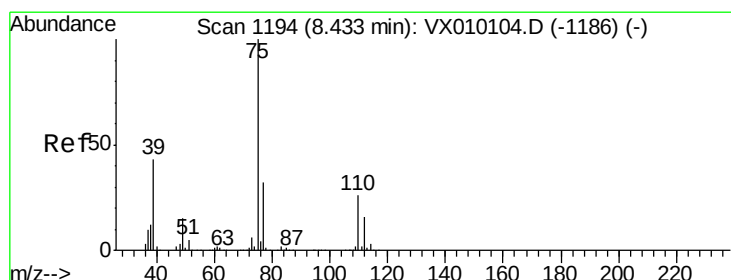
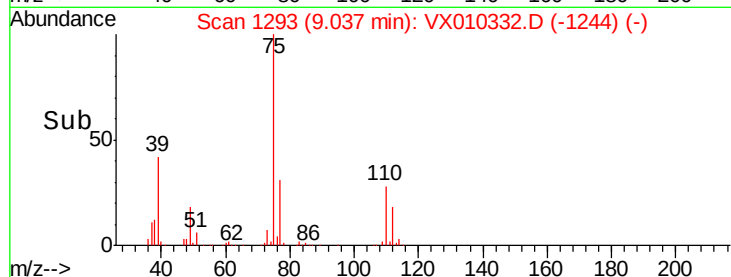
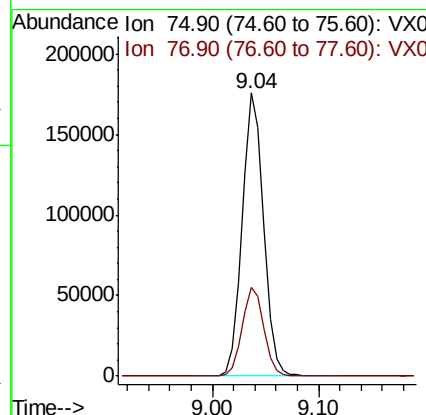
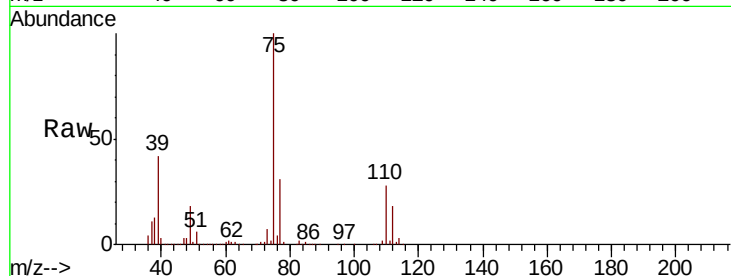
VSTDCCC050

Tot Ion: 75 Resp: 248228

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 52.799 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

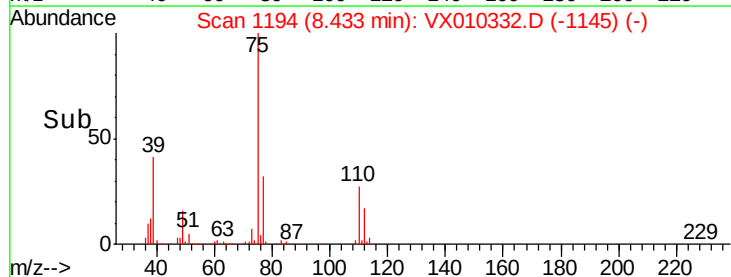
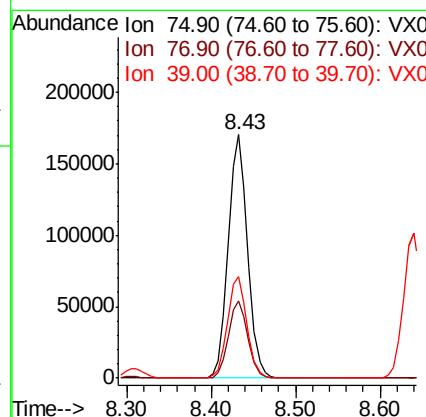
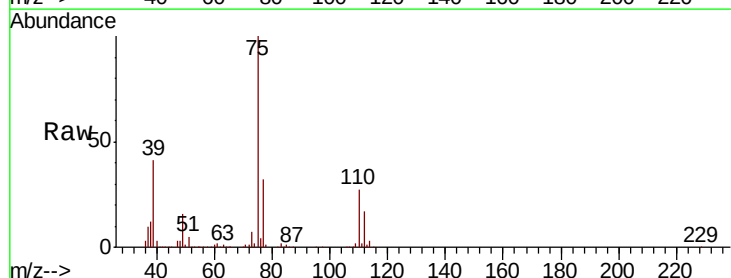
Tgt Ion: 75 Resp: 268364

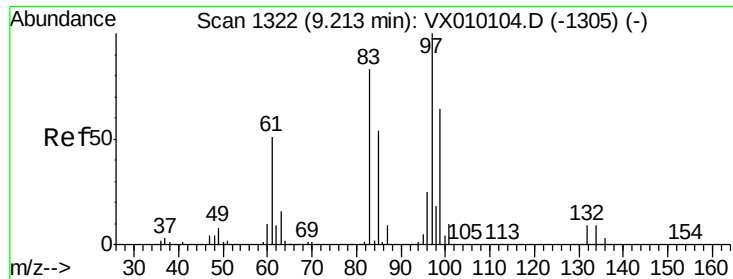
Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 41.5 43.4 65.0#

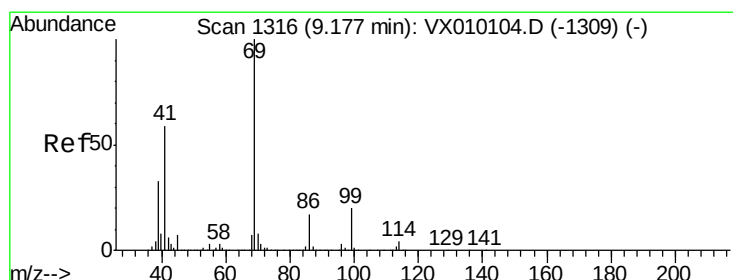
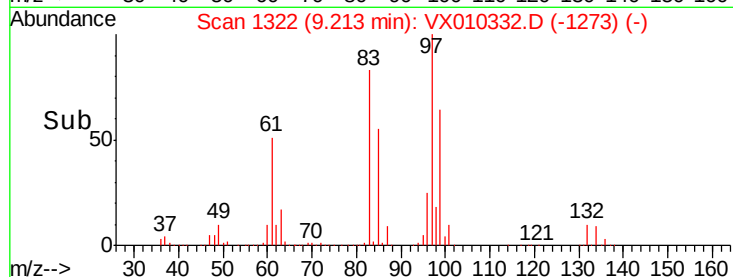
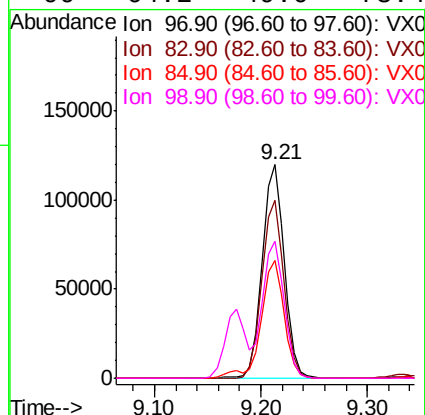
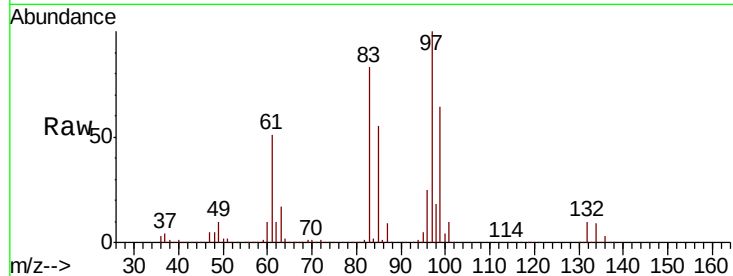




#55
 1,1,2-Trichloroethane
 Concen: 55.418 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

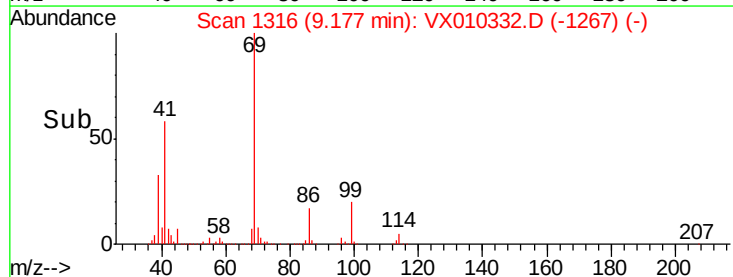
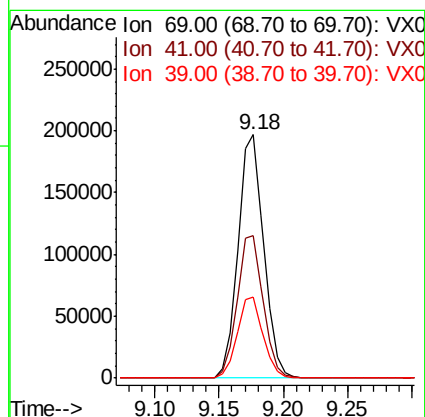
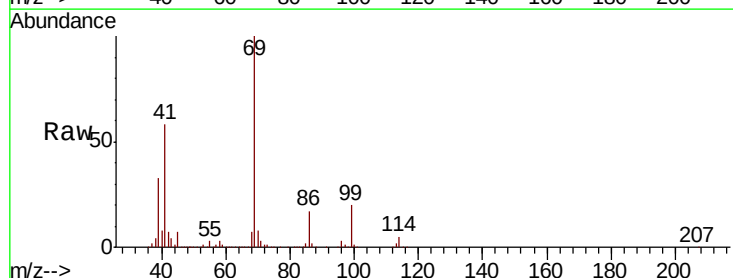
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

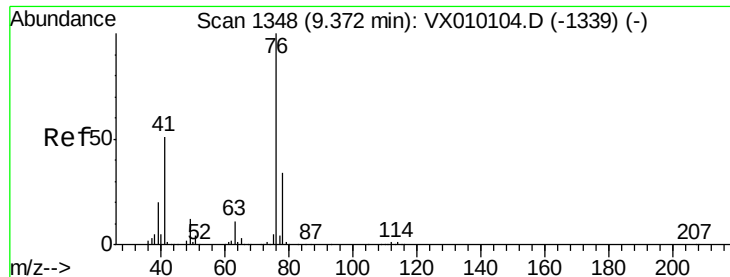
Tot Ion:	97	Resp:	174529
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.8	104.8
85	55.1	45.3	67.9
99	64.2	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 54.606 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

Tgt Ion:	69	Resp:	271660
Ion	Ratio	Lower	Upper
69	100		
41	59.5	62.7	94.1#
39	33.5	29.5	44.3





#57

1,3-Dichloropropane

Concen: 54.240 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

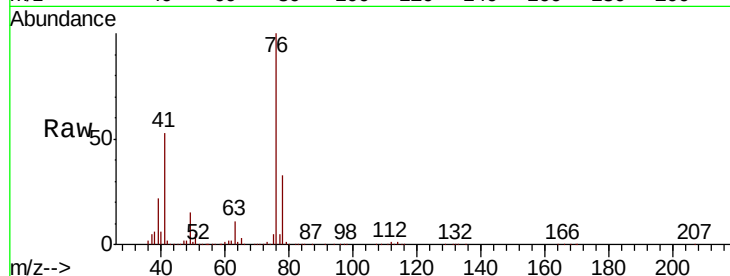
VSTDCCC050

Tot Ion: 76 Resp: 268931

Ion Ratio Lower Upper

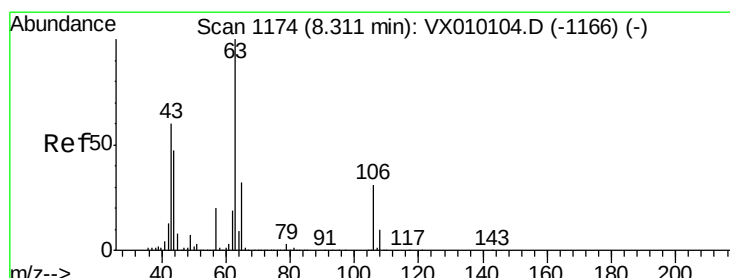
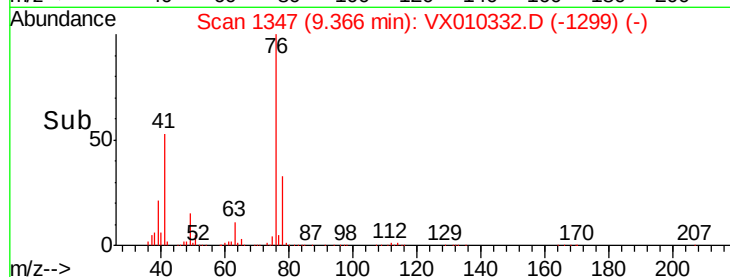
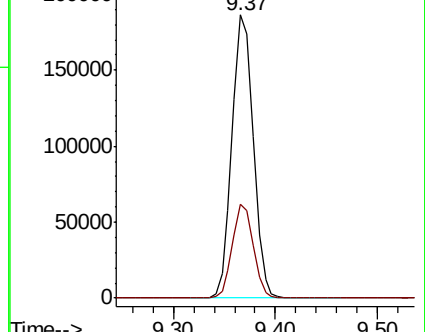
76 100

78 32.7 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 237.789 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010332.D

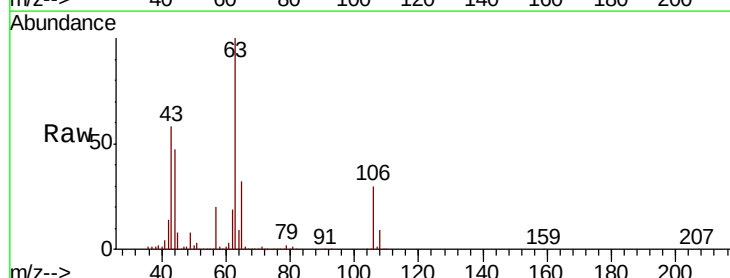
Acq: 18 Jun 2019 10:28

Tgt Ion: 63 Resp: 557681

Ion Ratio Lower Upper

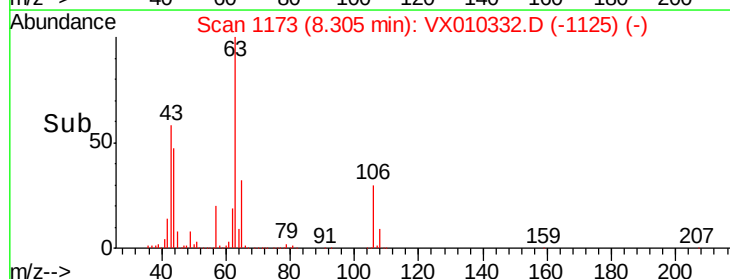
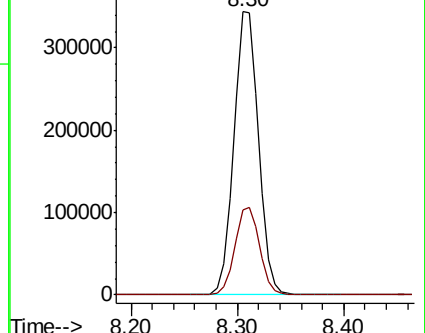
63 100

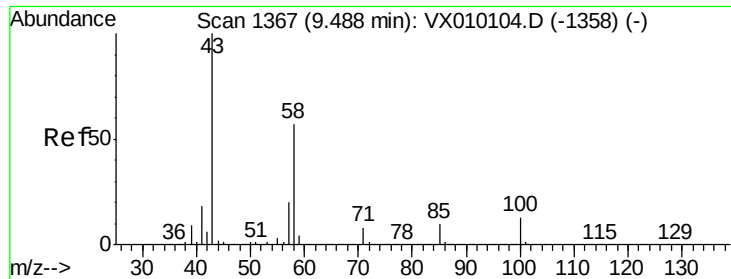
106 30.9 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

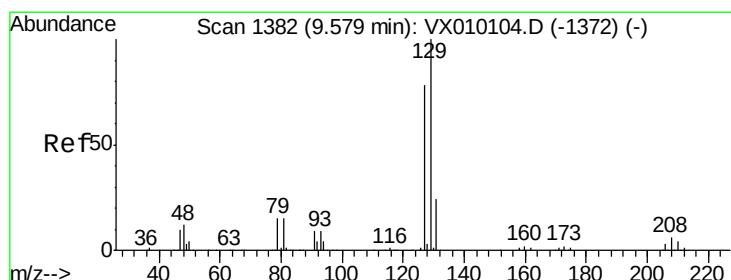
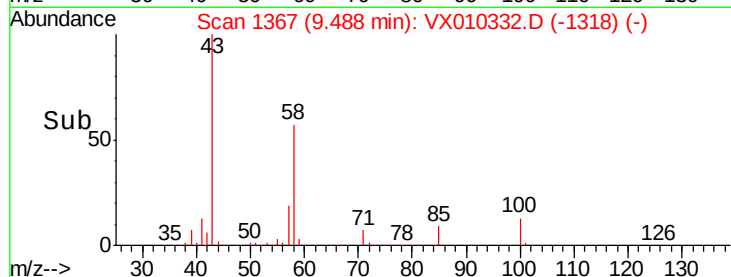
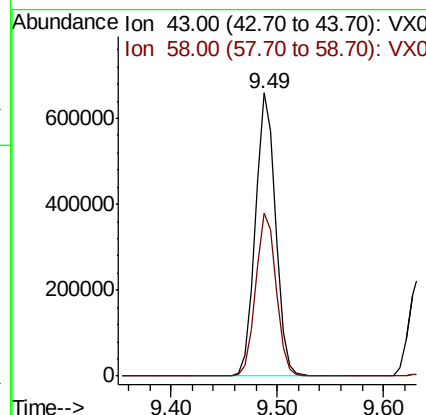
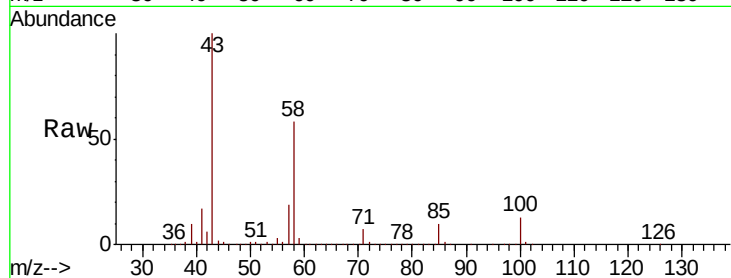




#59
2-Hexanone
Concen: 279.797 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

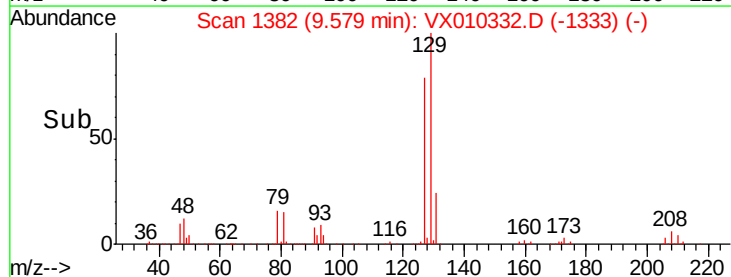
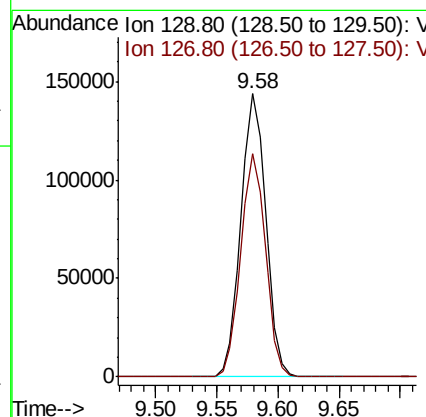
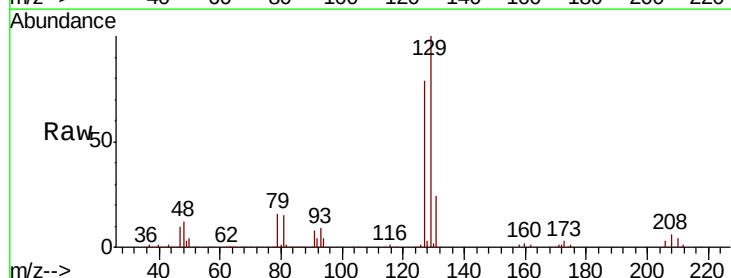
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

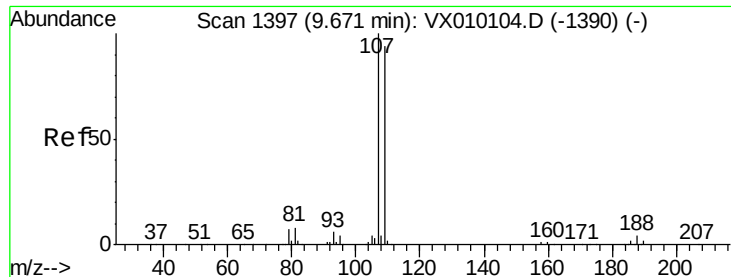
Tot Ion: 43 Resp: 877122
Ion Ratio Lower Upper
43 100
58 58.4 25.1 75.3



#60
Dibromochloromethane
Concen: 54.504 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

Tgt Ion:129 Resp: 203033
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.340 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

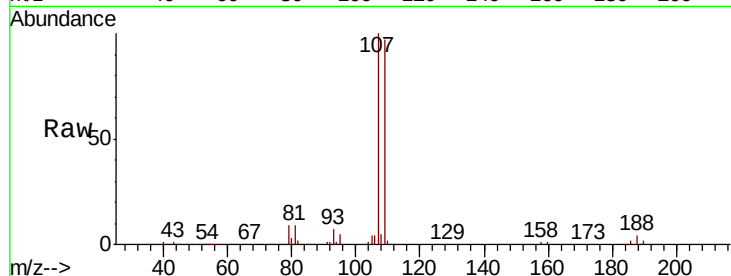
VSTDCCC050

Tot Ion:107 Resp: 187093

Ion Ratio Lower Upper

107 100

109 95.1 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

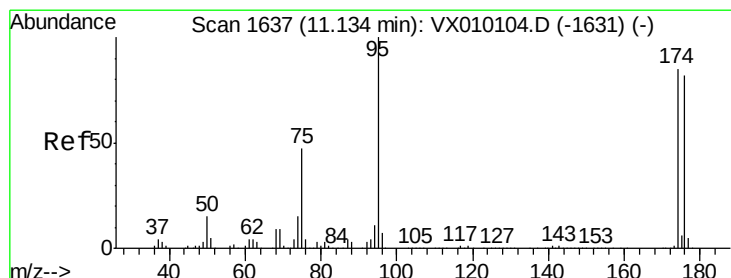
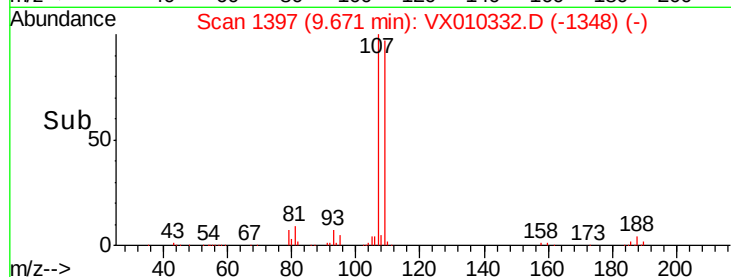
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.400 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

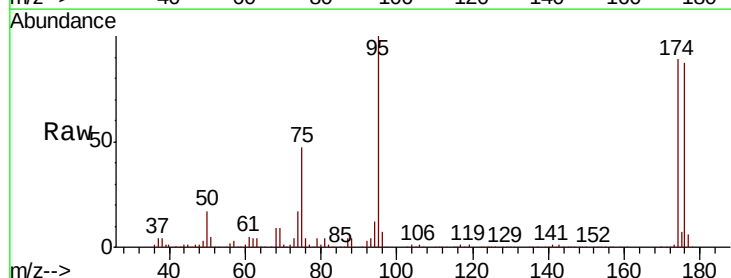
Tgt Ion: 95 Resp: 217787

Ion Ratio Lower Upper

95 100

174 93.5 0.0 160.4

176 90.5 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

200000

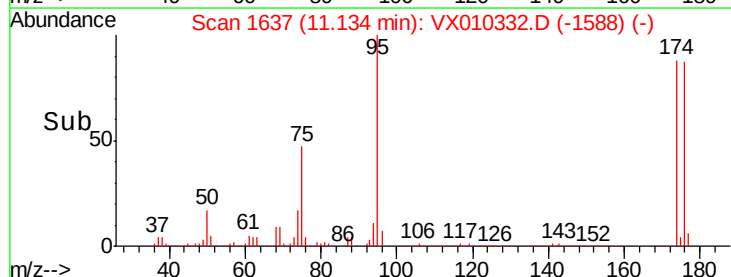
150000

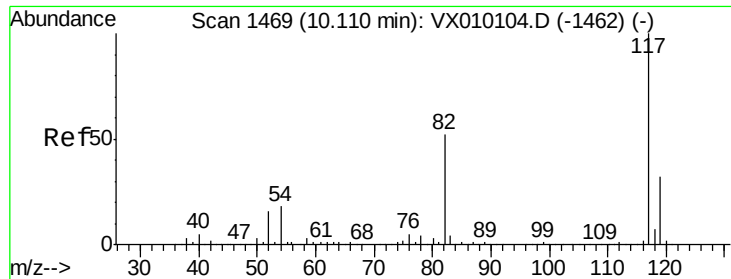
100000

50000

0

Time-->

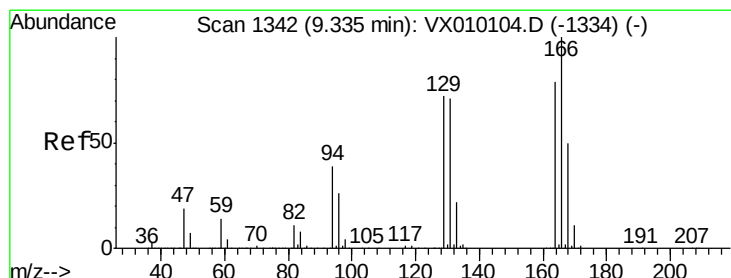
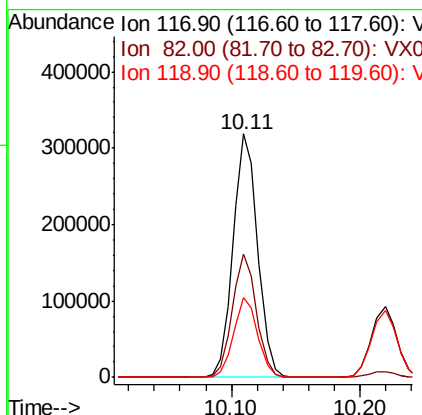
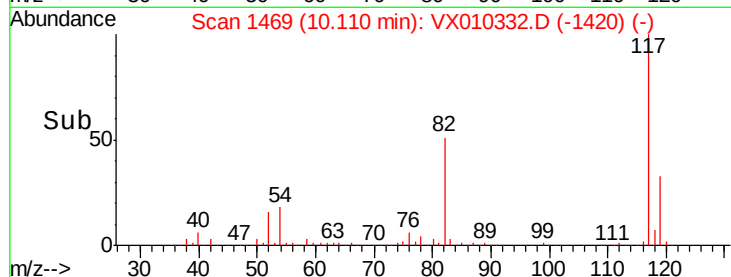
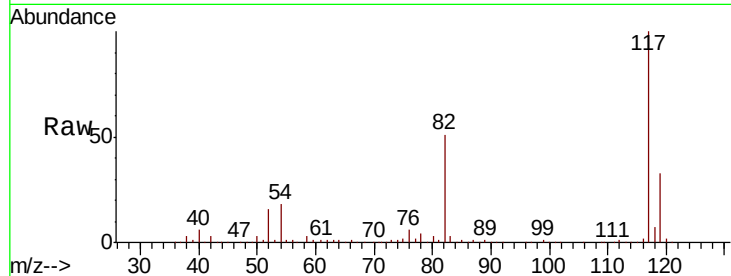




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

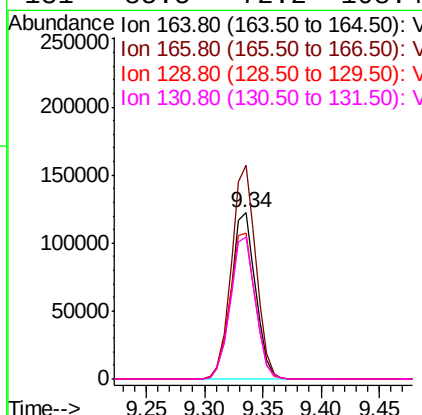
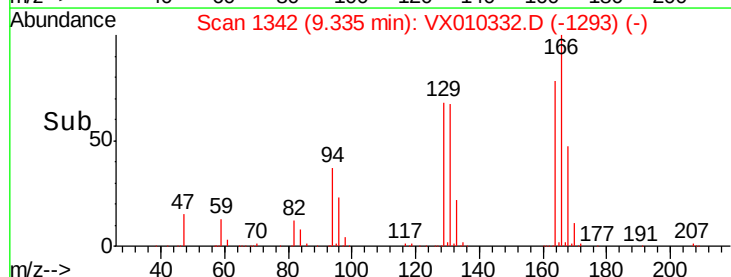
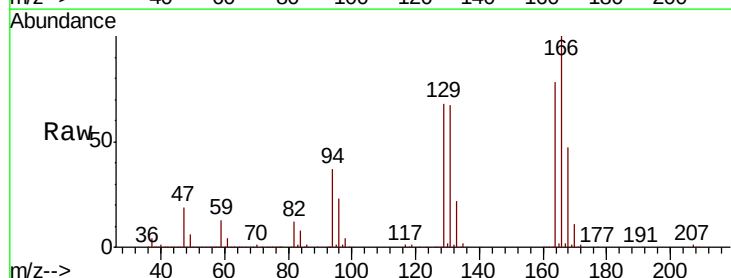
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

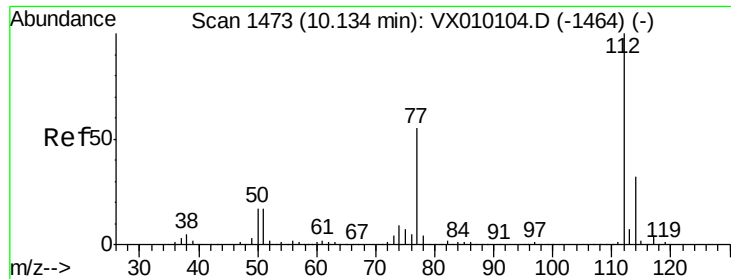
Tot Ion:117 Resp: 421840
Ion Ratio Lower Upper
117 100
82 50.9 49.2 73.8
119 32.6 25.2 37.8



#64
Tetrachloroethene
Concen: 56.992 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

Tgt Ion:164 Resp: 178561
Ion Ratio Lower Upper
164 100
166 128.4 105.0 157.4
129 87.5 75.1 112.7
131 85.5 72.2 108.4

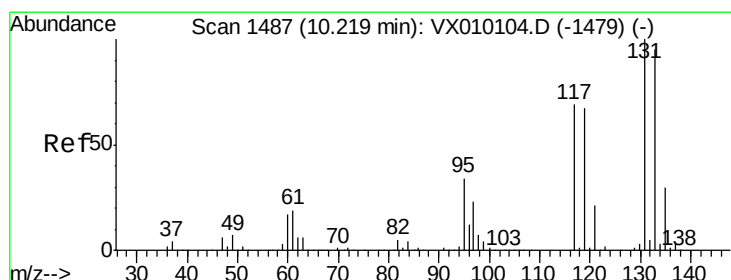
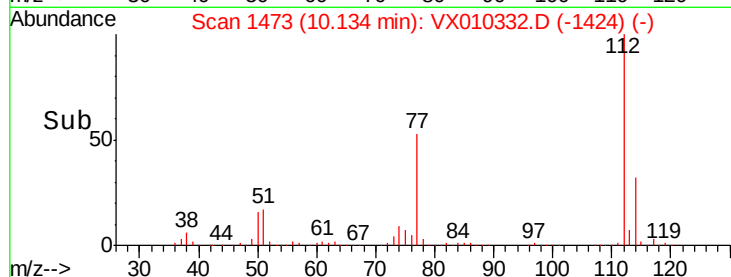
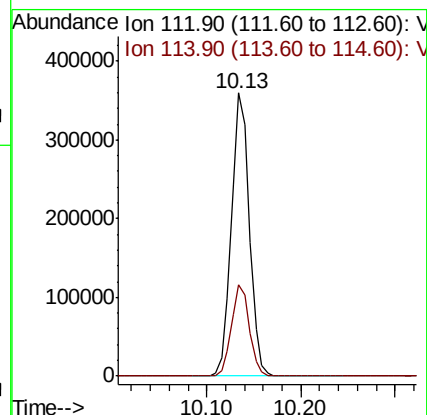
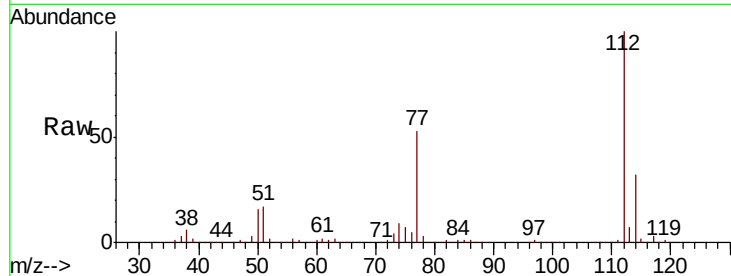




#65
Chlorobenzene
Concen: 54.584 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

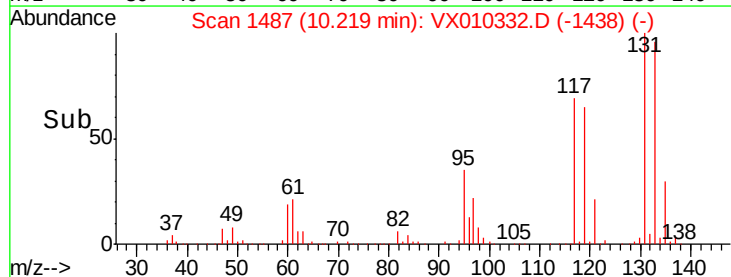
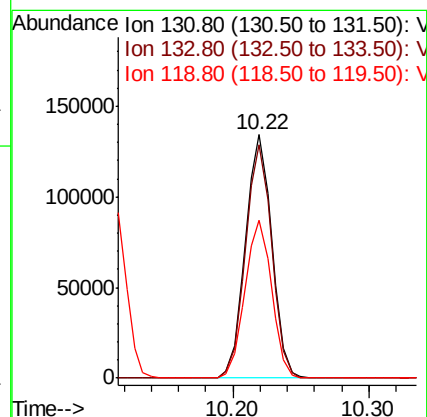
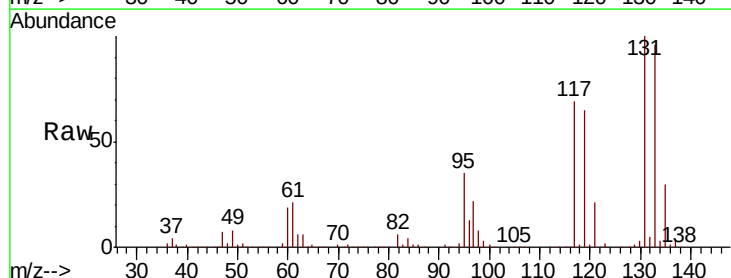
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

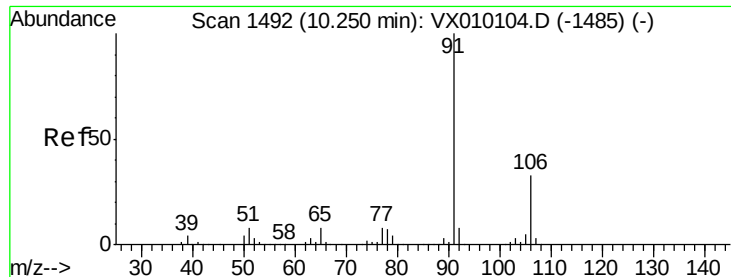
Tot Ion:112 Resp: 475236
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.322 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

Tgt Ion:131 Resp: 181880
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 66.1 33.4 100.1





#67

Ethyl Benzene

Concen: 54.575 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

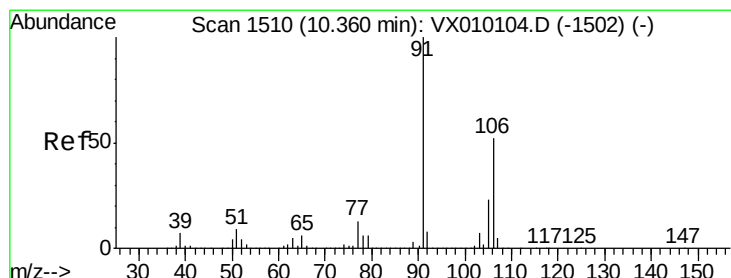
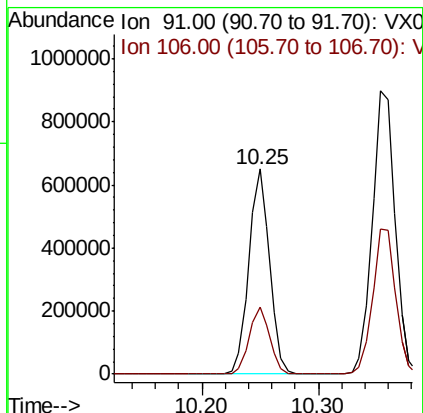
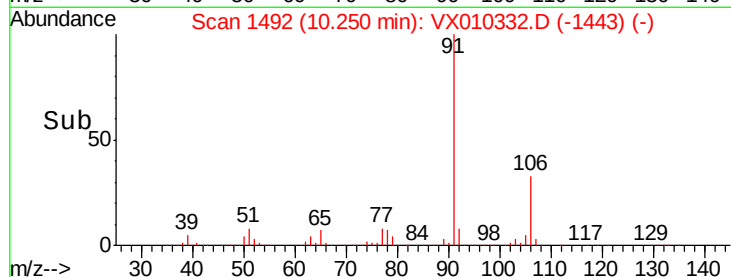
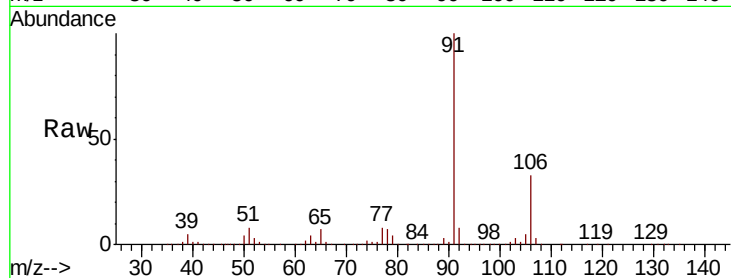
VSTDCCC050

Tot Ion: 91 Resp: 808877

Ion Ratio Lower Upper

91 100

106 32.8 23.9 35.9



#68

m/p-Xylenes

Concen: 110.145 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010332.D

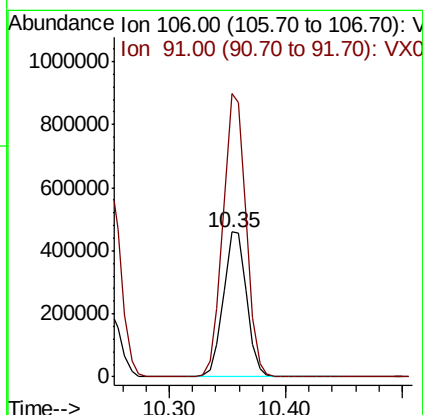
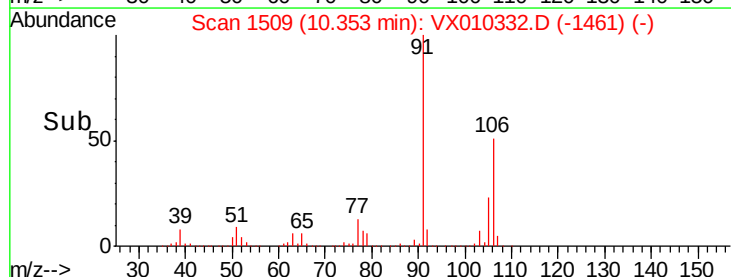
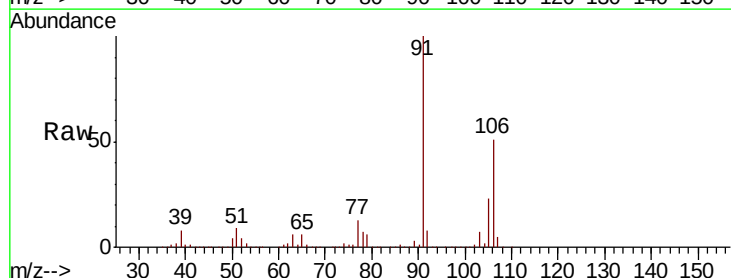
Acq: 18 Jun 2019 10:28

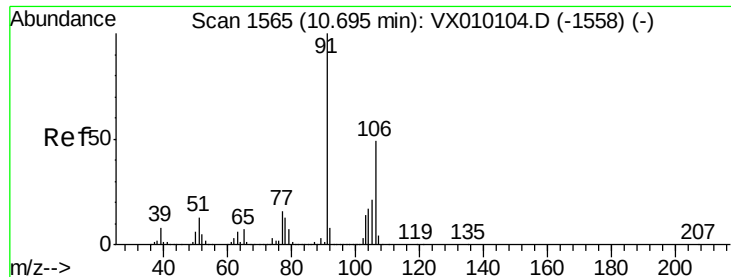
Tgt Ion: 106 Resp: 631732

Ion Ratio Lower Upper

106 100

91 194.1 167.3 250.9

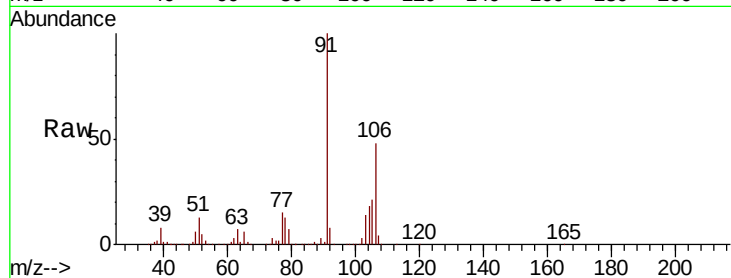




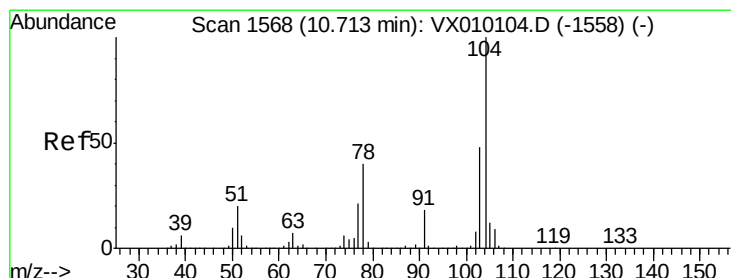
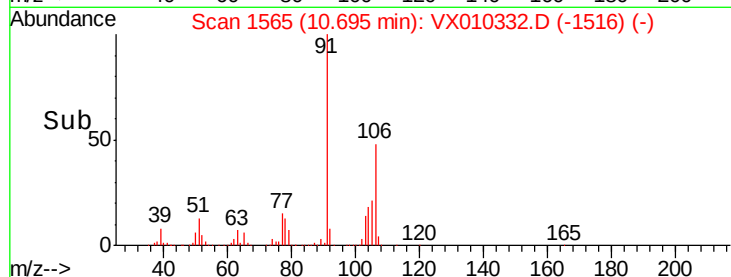
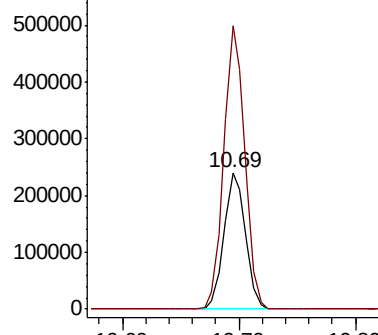
#69
o-Xylene
Concen: 54.247 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 309282
Ion Ratio Lower Upper
106 100
91 203.2 110.4 331.2

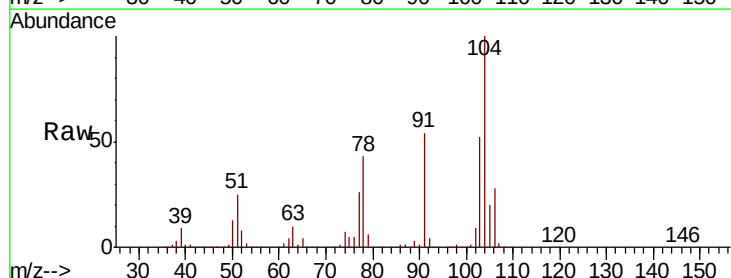


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

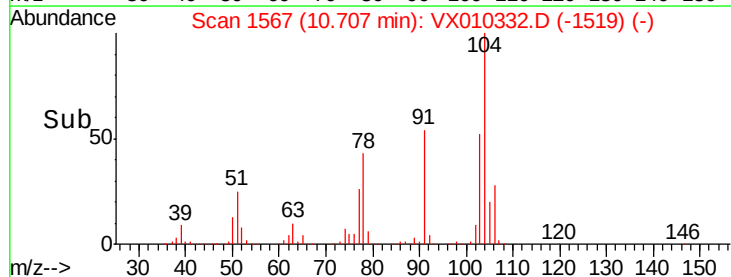
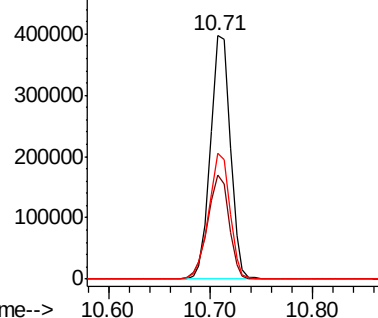


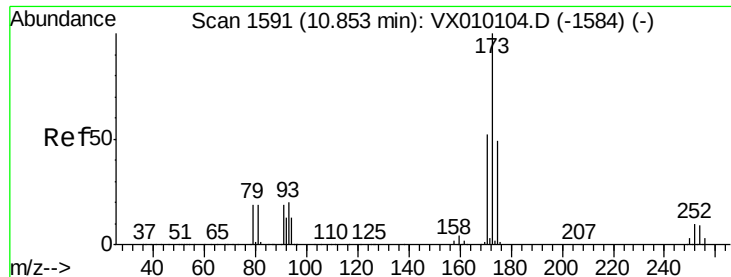
#70
Styrene
Concen: 55.188 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

Tgt Ion:104 Resp: 532897
Ion Ratio Lower Upper
104 100
78 45.9 42.1 63.1
103 54.9 44.1 66.1



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: 53.895 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

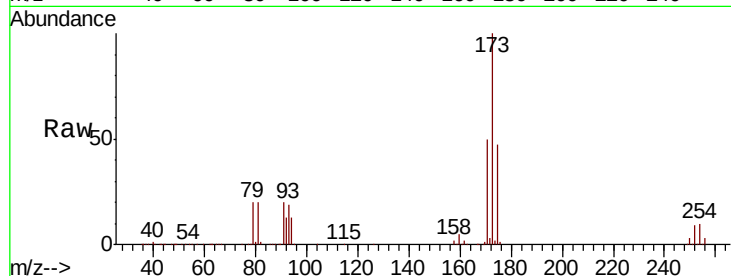
Tot Ion:173 Resp: 165888

Ion Ratio Lower Upper

173 100

175 48.3 25.0 75.0

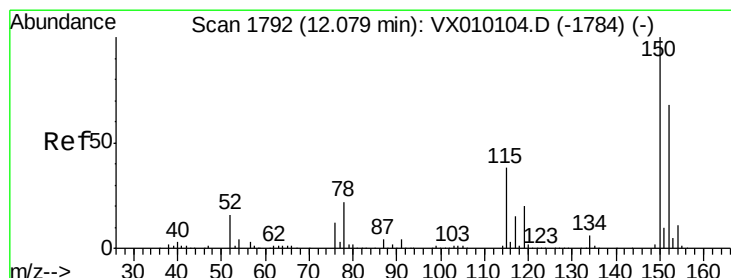
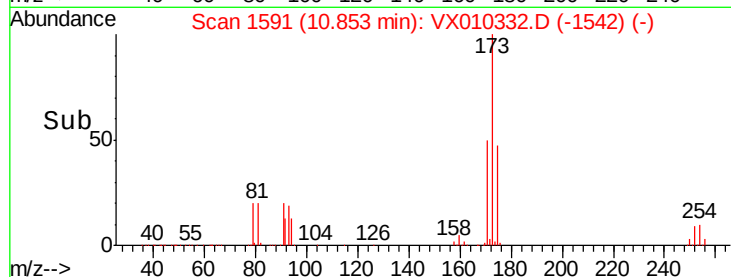
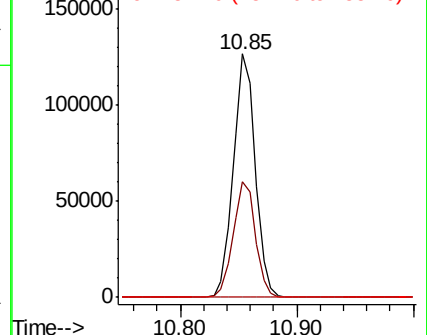
254 0.2 0.2 0.2



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: VX010332.D

Acq: 18 Jun 2019 10:28

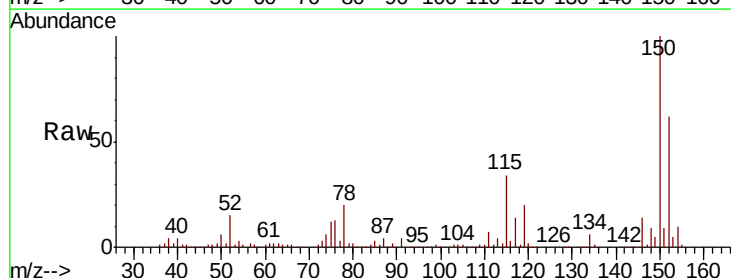
Tgt Ion:152 Resp: 220834

Ion Ratio Lower Upper

152 100

115 80.8 41.4 124.2

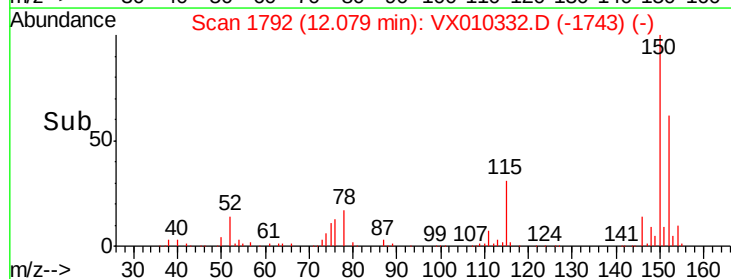
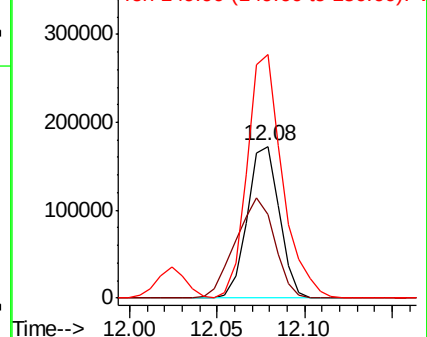
150 176.1 0.0 345.2

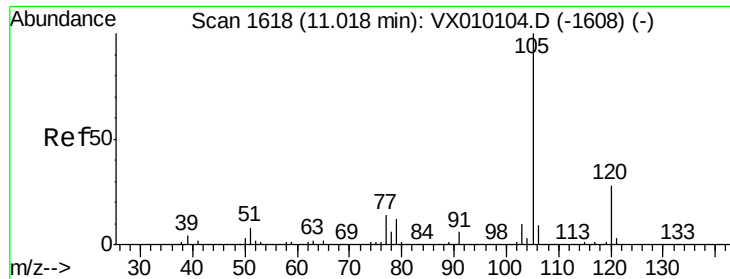


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.361 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

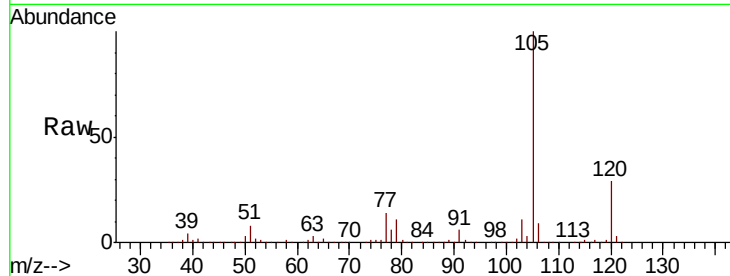
VSTDCCC050

Tot Ion:105 Resp: 822591

Ion Ratio Lower Upper

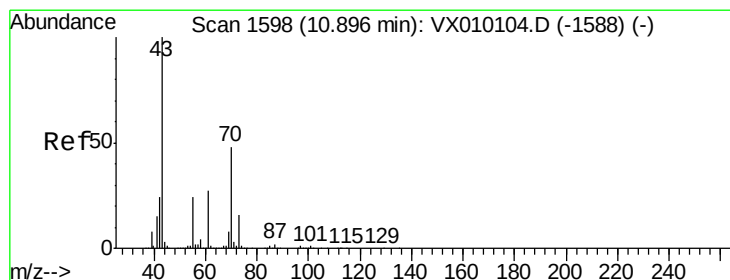
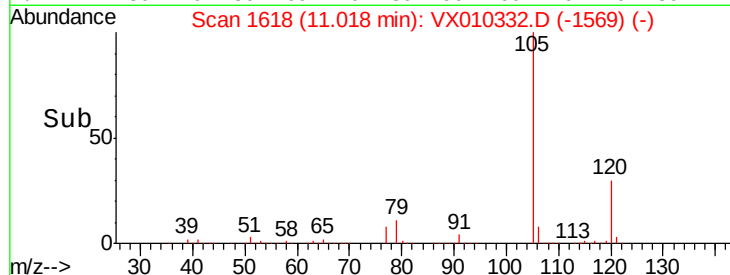
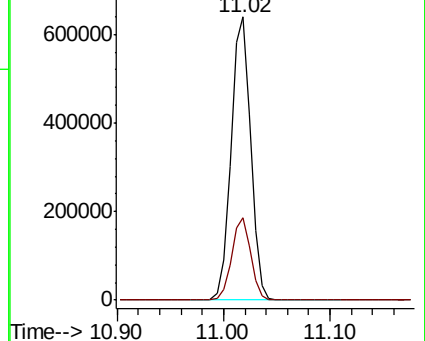
105 100

120 28.2 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.183 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Tgt Ion: 43 Resp: 317991

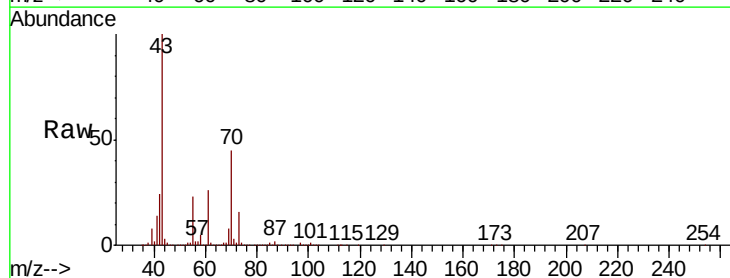
Ion Ratio Lower Upper

43 100

70 45.5 28.6 43.0#

55 23.6 17.8 26.8

61 26.2 17.7 26.5

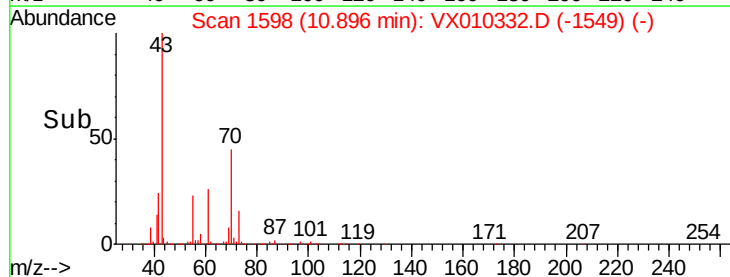
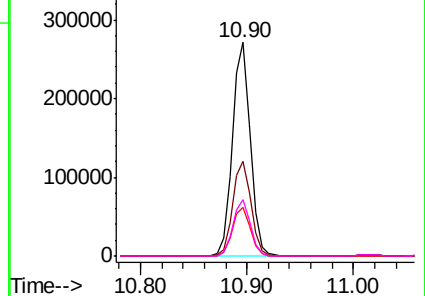


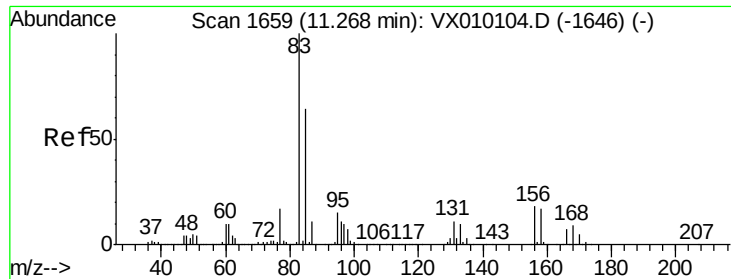
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.945 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

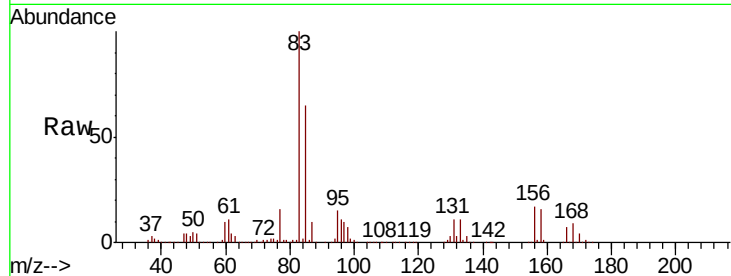
Tot Ion: 83 Resp: 268834

Ion	Ratio	Lower	Upper
83	100		
131	11.1	4.7	14.1
85	65.5	31.9	95.9

83 100

131 11.1 4.7 14.1

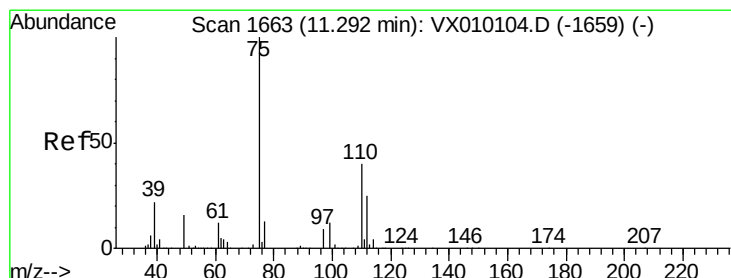
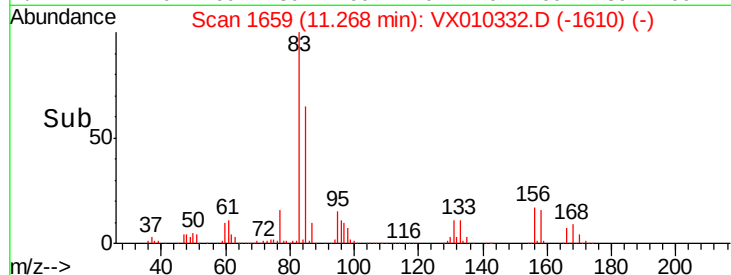
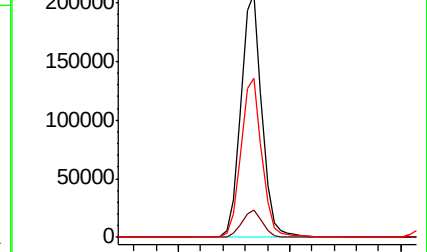
85 65.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.685 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010332.D

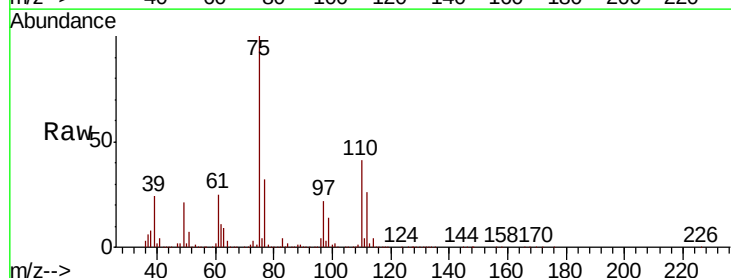
Acq: 18 Jun 2019 10:28

Tgt Ion: 75 Resp: 312221

Ion	Ratio	Lower	Upper
75	100		
77	31.9	22.1	66.1

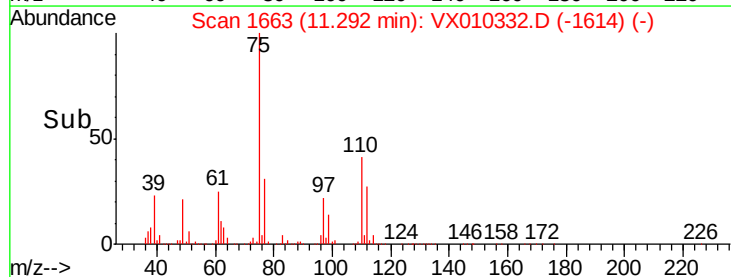
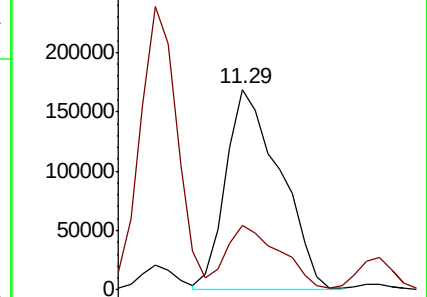
75 100

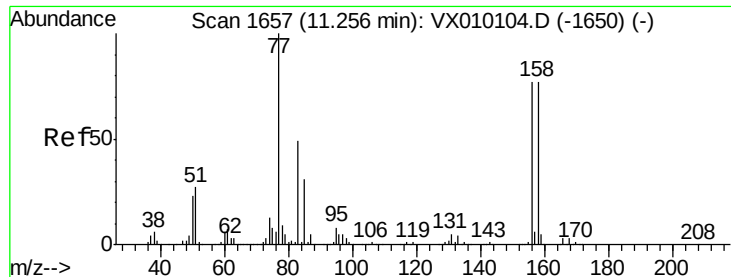
77 31.9 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.694 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

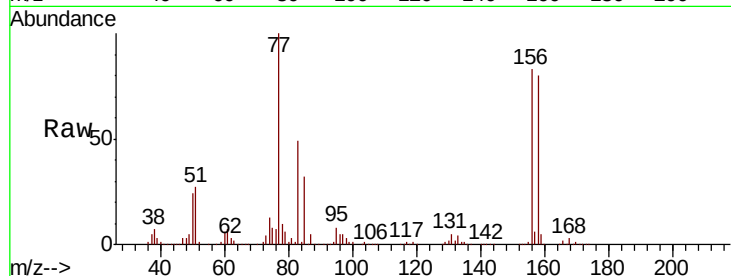
Tot Ion:156 Resp: 227620

Ion Ratio Lower Upper

156 100

77 132.8 86.8 260.3

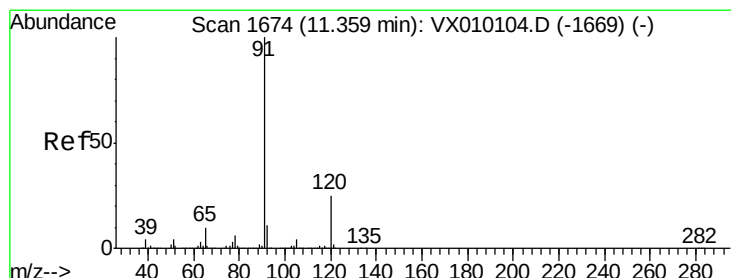
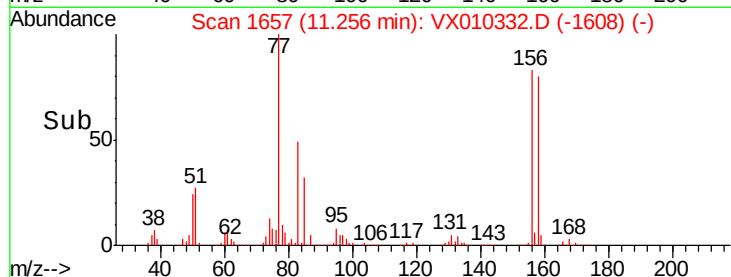
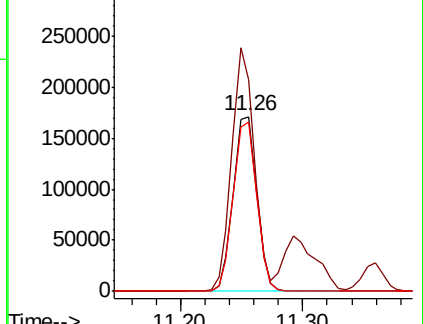
158 96.8 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.584 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010332.D

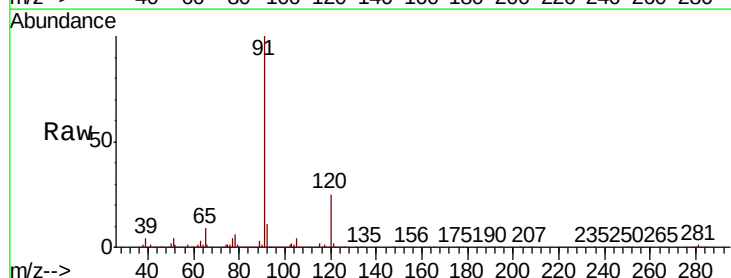
Acq: 18 Jun 2019 10:28

Tgt Ion: 91 Resp: 936778

Ion Ratio Lower Upper

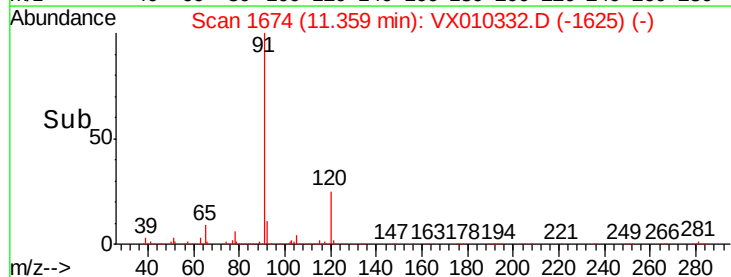
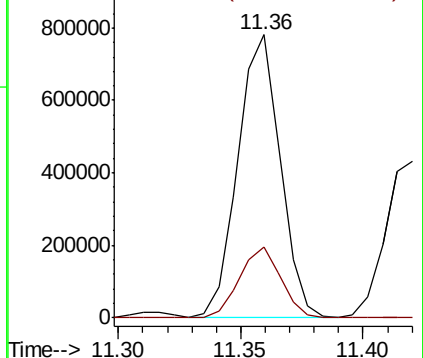
91 100

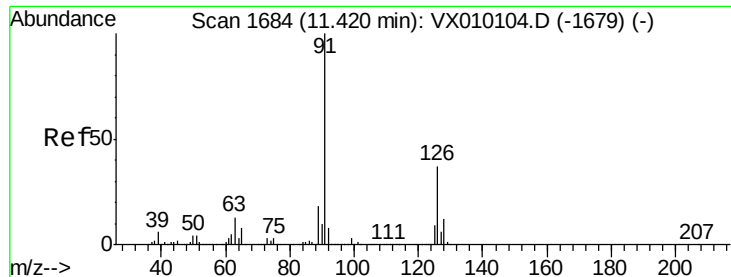
120 24.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.582 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

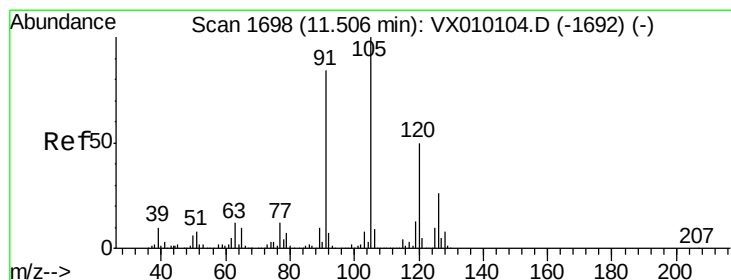
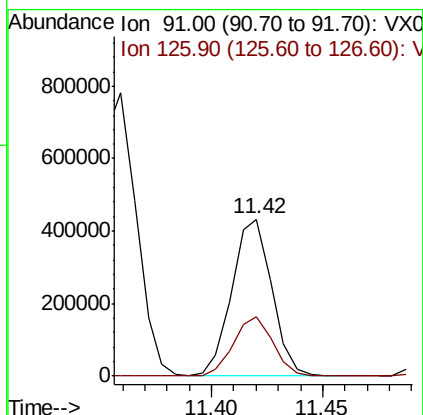
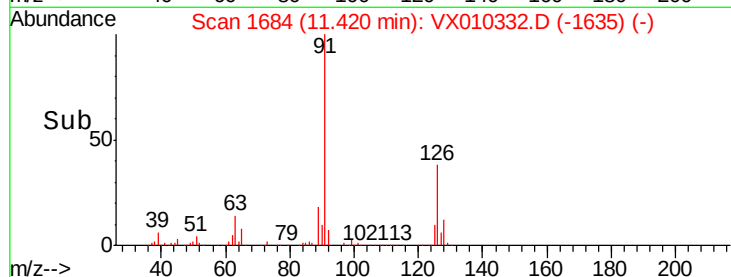
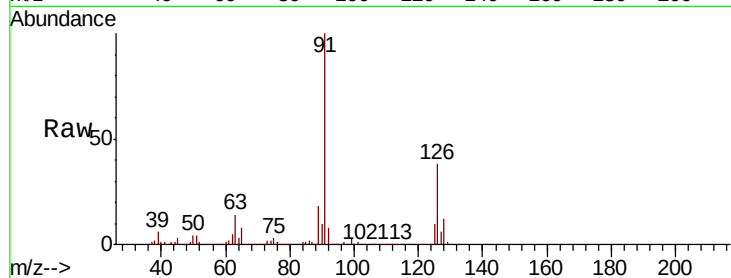
VSTDCCC050

Tot Ion: 91 Resp: 541984

Ion Ratio Lower Upper

91 100

126 37.3 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 53.286 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010332.D

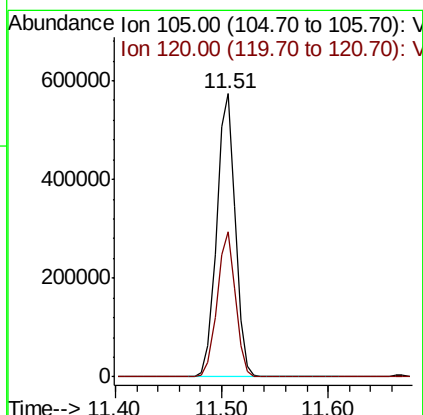
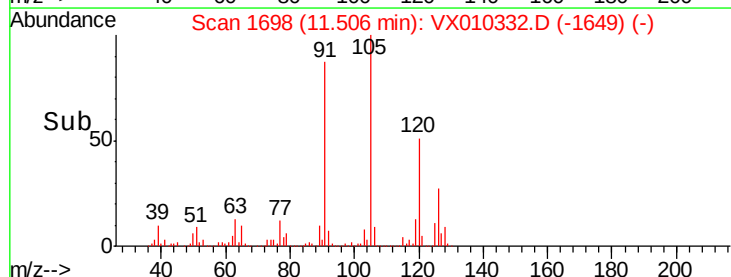
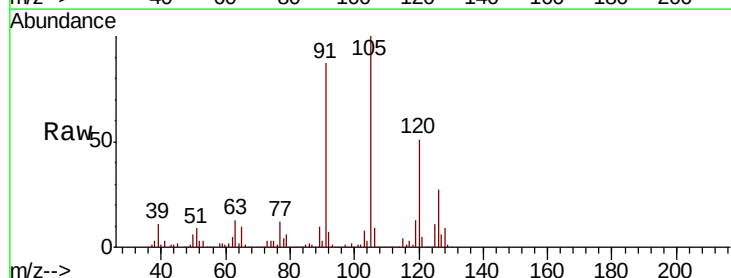
Acq: 18 Jun 2019 10:28

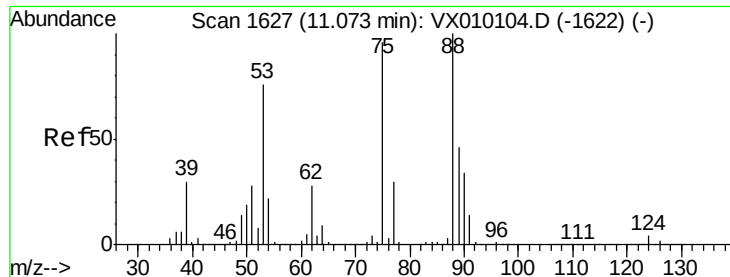
Tgt Ion: 105 Resp: 691868

Ion Ratio Lower Upper

105 100

120 50.4 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.399 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

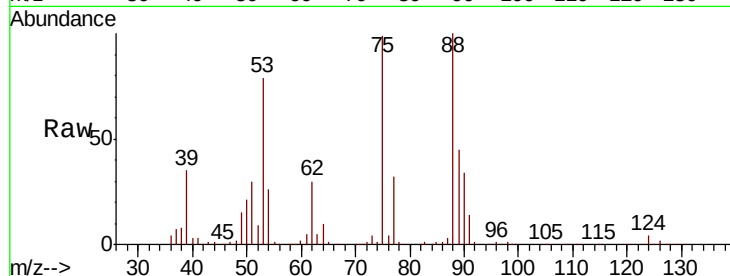
Tot Ion: 75 Resp: 98759

Ion Ratio Lower Upper

75 100

53 82.1 79.8 119.6

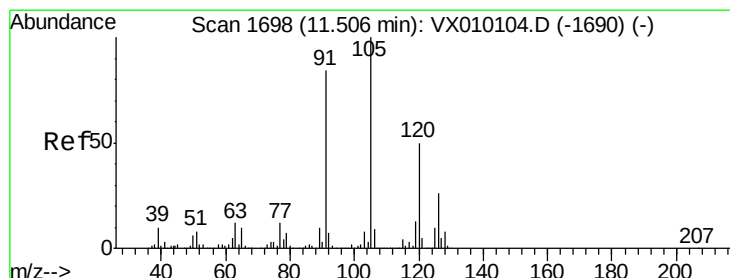
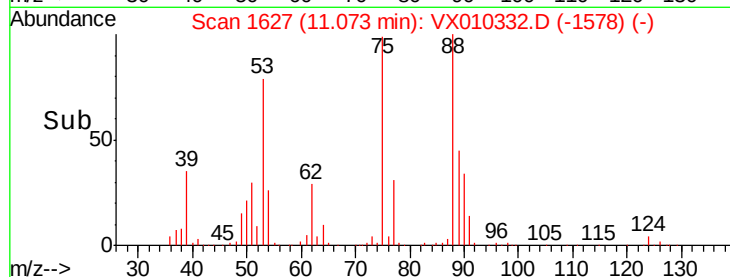
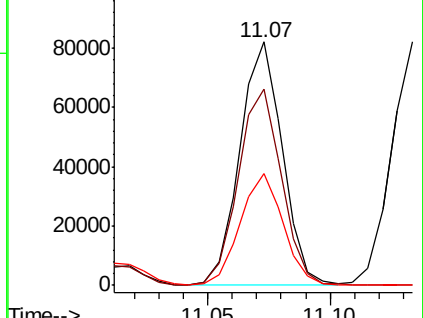
89 47.0 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.460 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010332.D

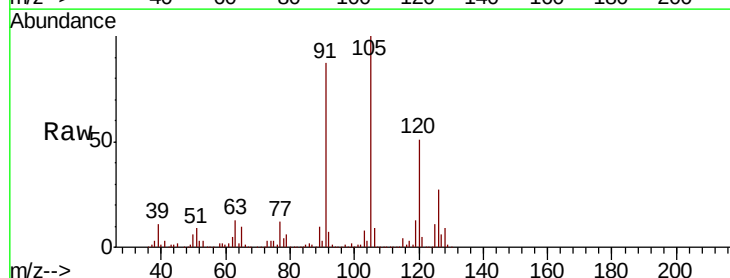
Acq: 18 Jun 2019 10:28

Tgt Ion: 91 Resp: 625966

Ion Ratio Lower Upper

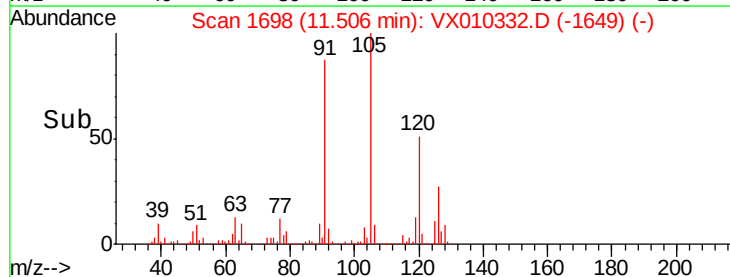
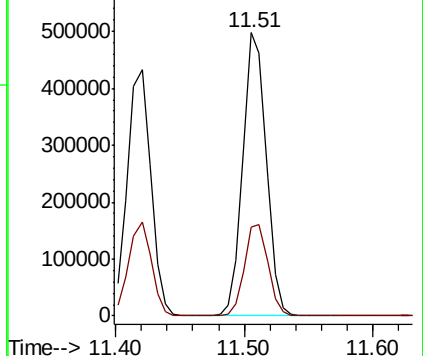
91 100

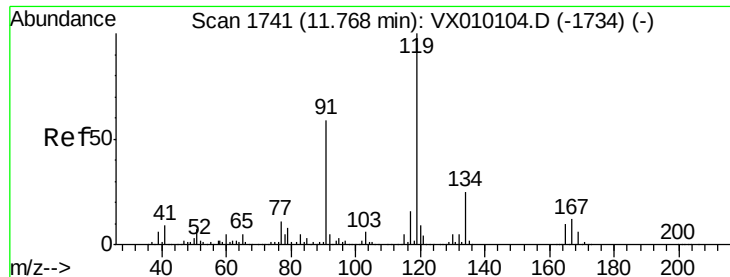
126 32.6 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

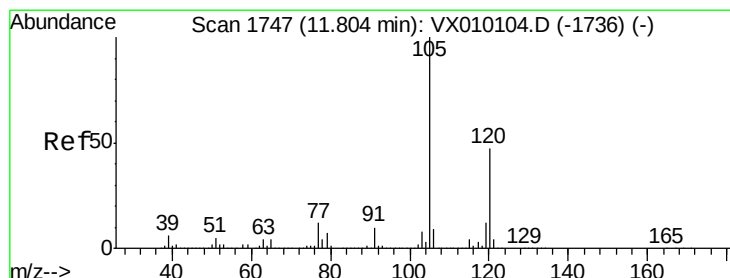
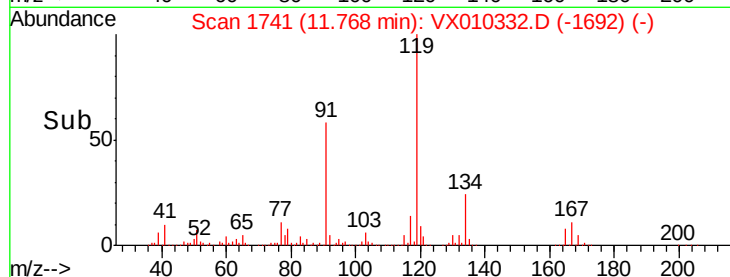
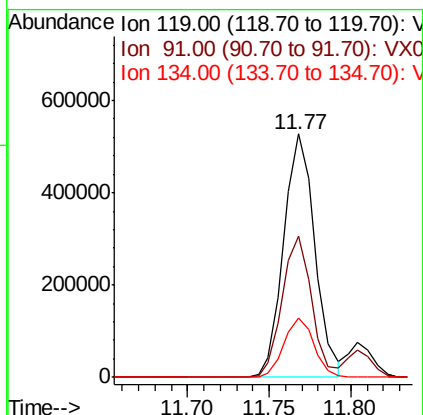
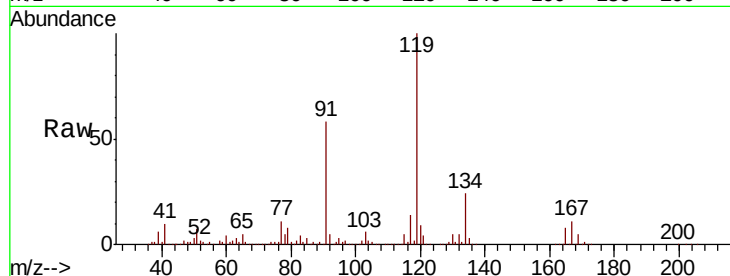




#83
 tert-Butylbenzene
 Concen: 53.053 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

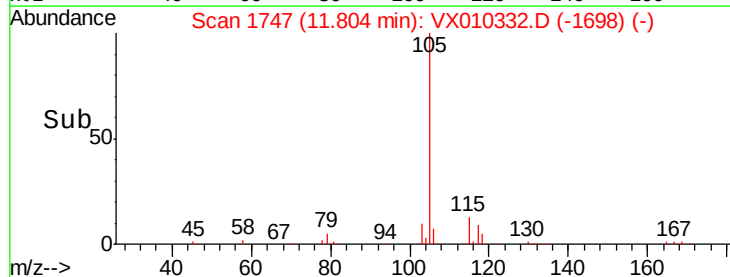
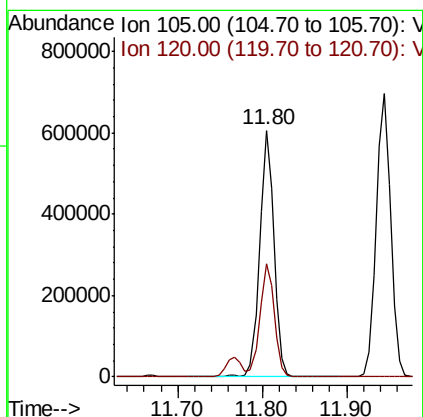
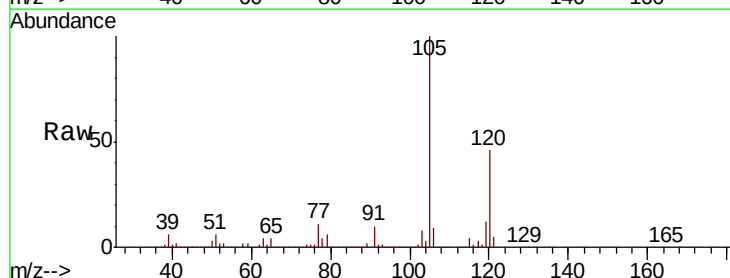
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

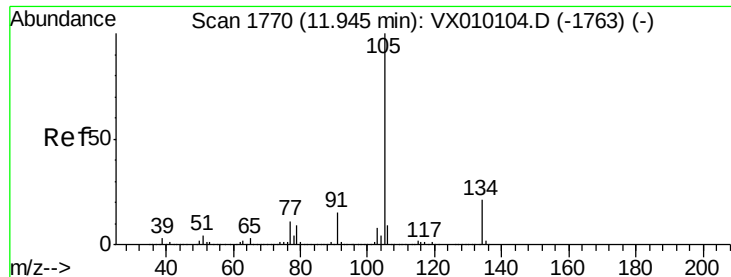
Tot Ion:119 Resp: 697211
 Ion Ratio Lower Upper
 119 100
 91 55.0 30.0 90.0
 134 23.4 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 53.673 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

Tgt Ion:105 Resp: 703934
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.1 66.1





#85

sec-Butylbenzene

Concen: 54.394 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

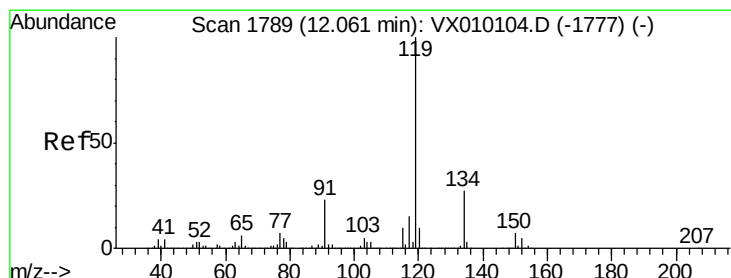
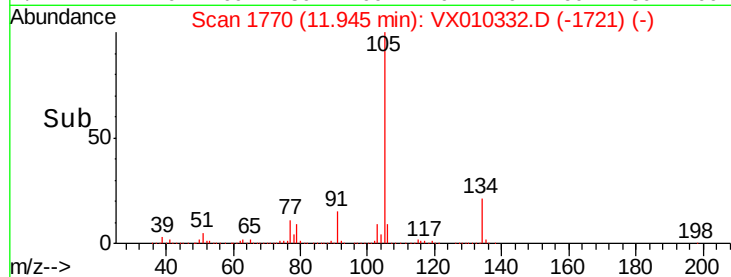
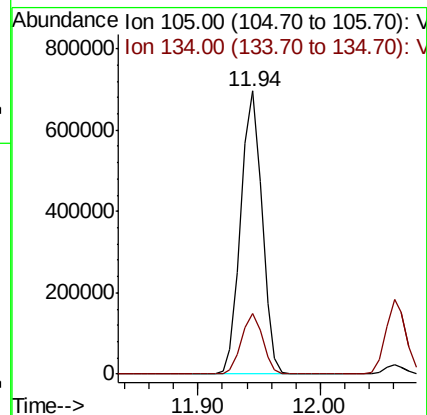
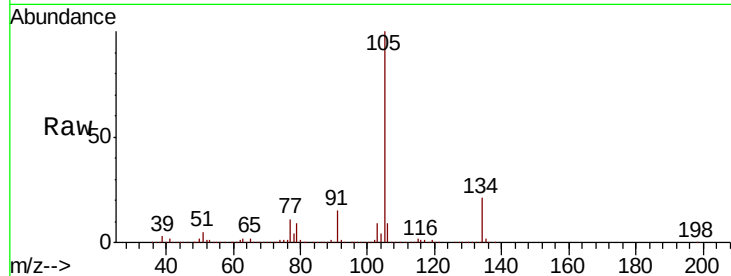
VSTDCCC050

Tot Ion:105 Resp: 832800

Ion Ratio Lower Upper

105 100

134 21.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 55.254 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

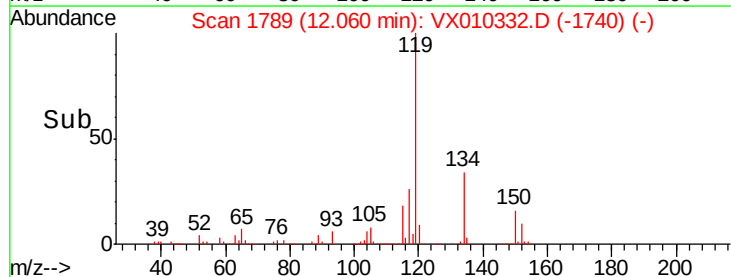
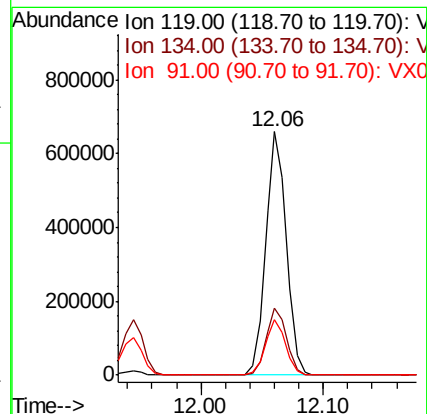
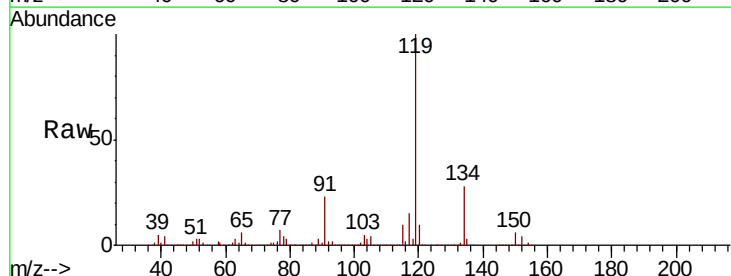
Tgt Ion:119 Resp: 773383

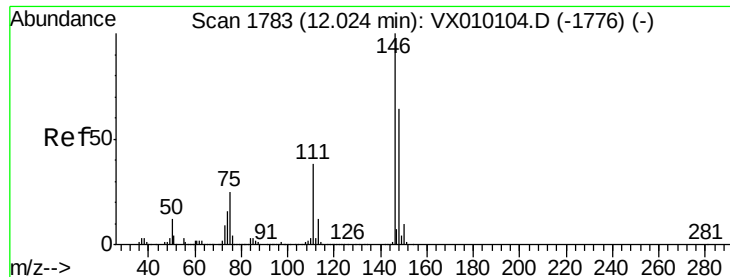
Ion Ratio Lower Upper

119 100

134 27.5 12.9 38.6

91 22.4 11.9 35.9

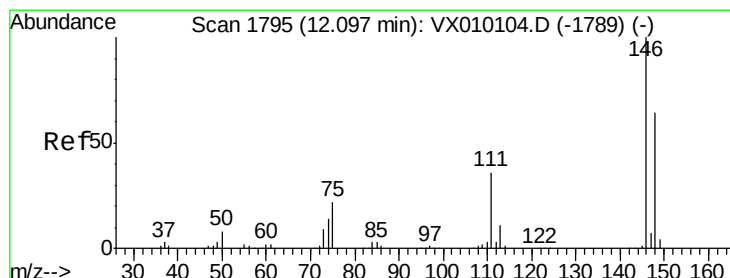
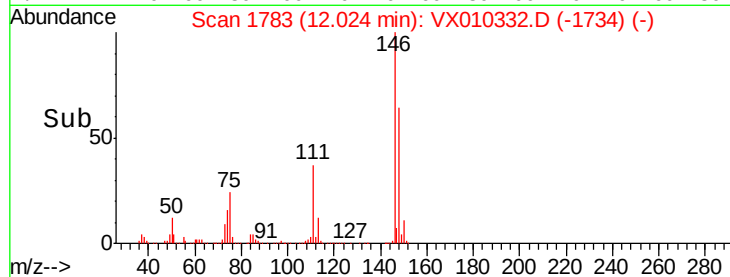
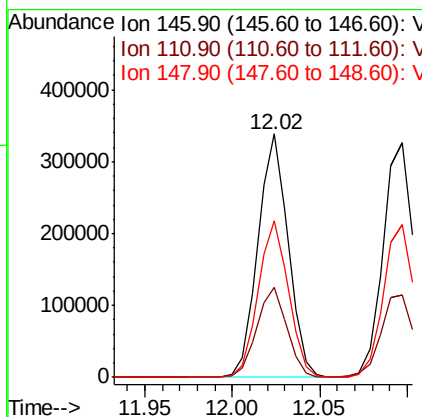
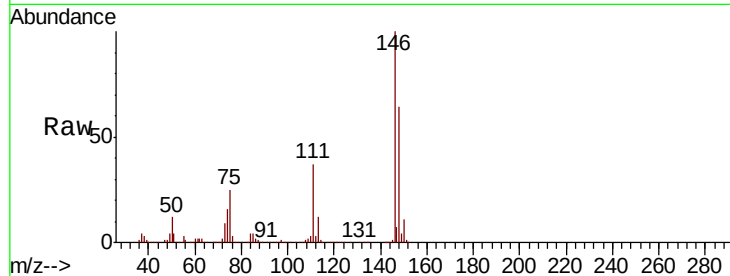




#87
 1,3-Dichlorobenzene
 Concen: 54.440 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

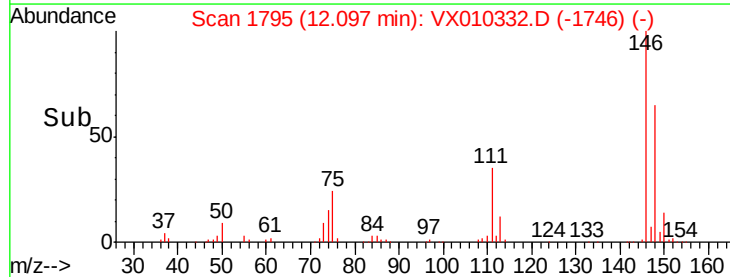
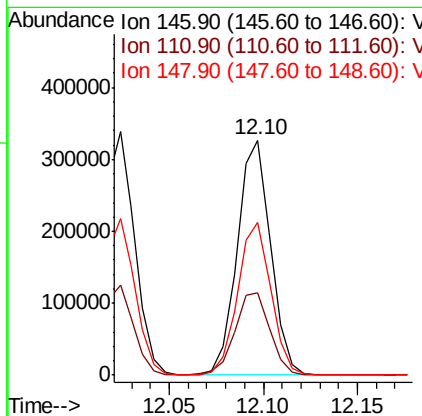
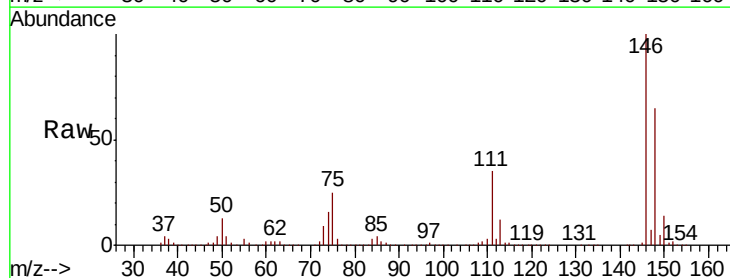
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

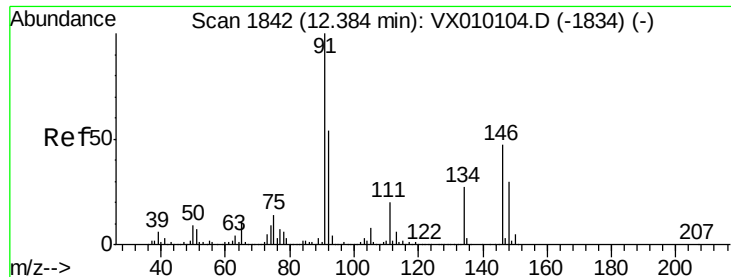
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	20.1	60.2
148	64.2	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 52.945 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	20.0	59.9
148	64.8	32.3	96.9





#89

n-Butylbenzene

Concen: 56.555 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

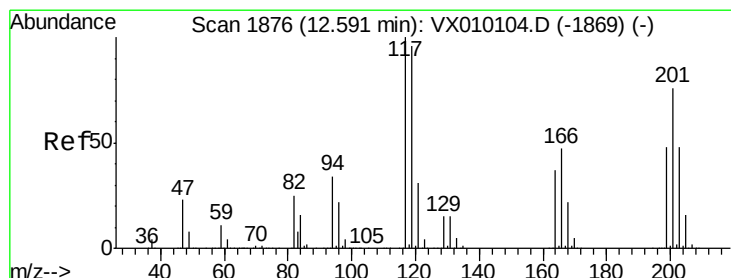
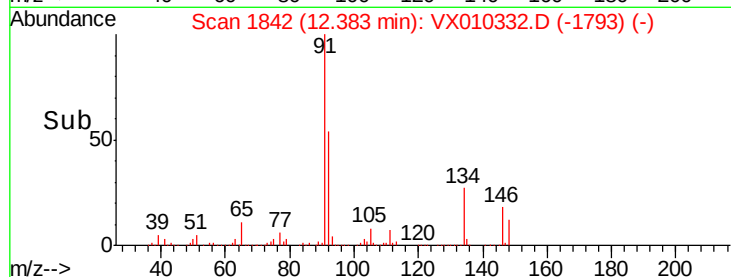
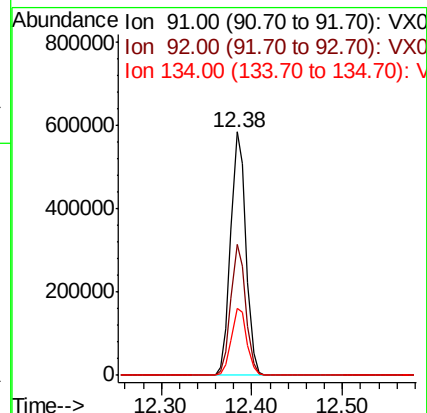
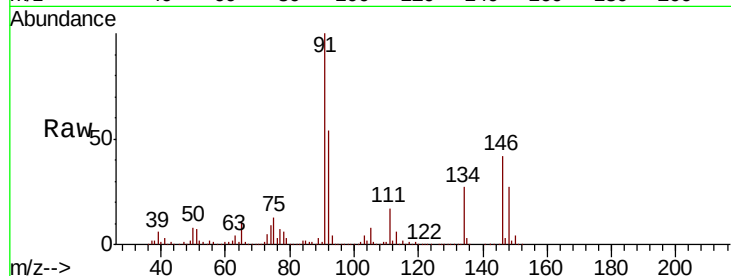
Tot Ion: 91 Resp: 681387

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.8

134 28.0 12.3 36.8



#90

Hexachloroethane

Concen: 51.427 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX010332.D

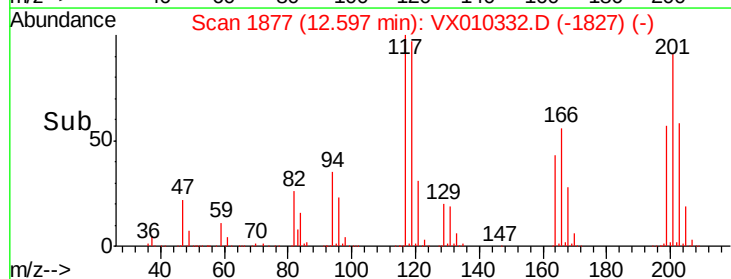
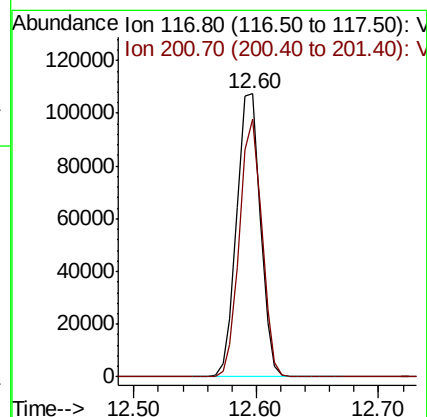
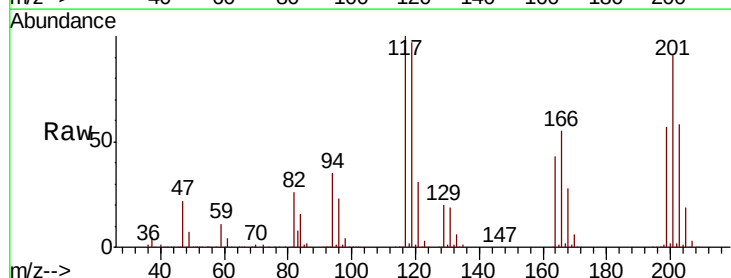
Acq: 18 Jun 2019 10:28

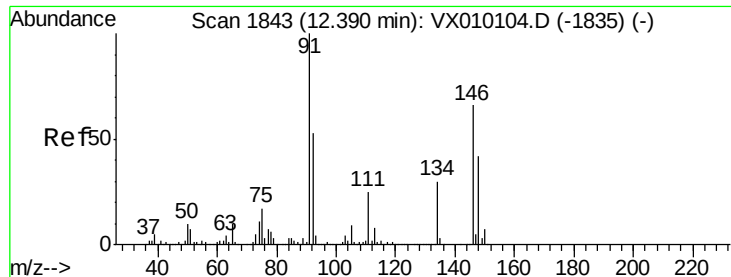
Tgt Ion: 117 Resp: 143389

Ion Ratio Lower Upper

117 100

201 85.9 43.6 130.9

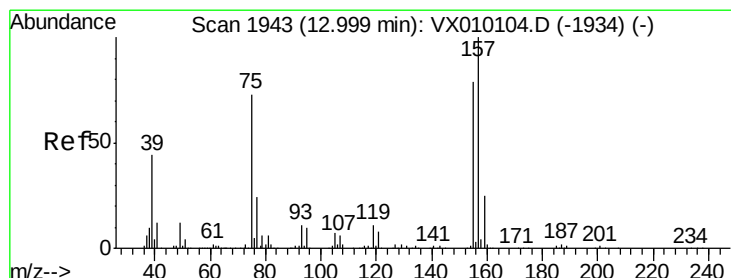
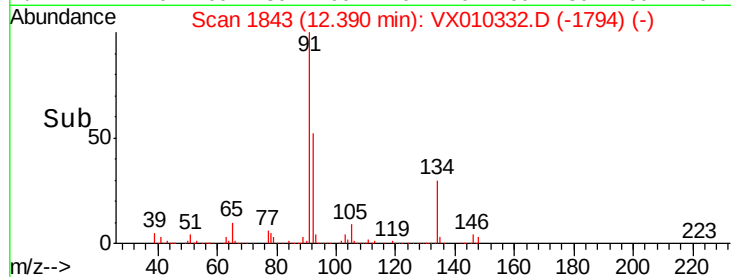
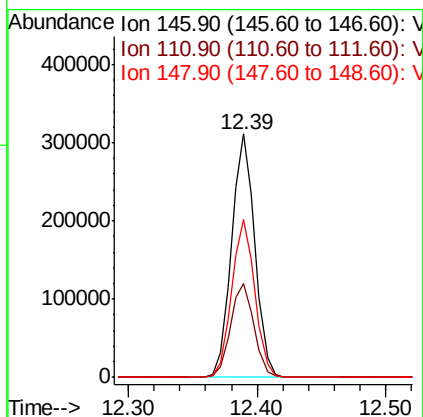
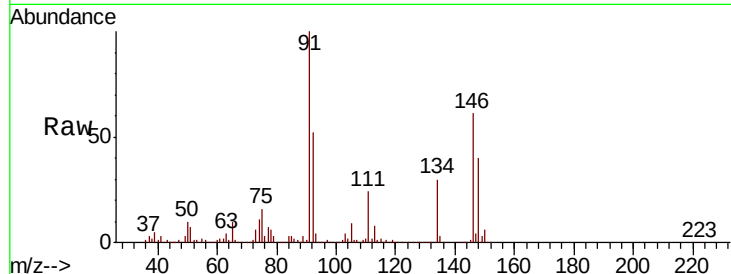




#91
 1,2-Dichlorobenzene
 Concen: 54.031 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

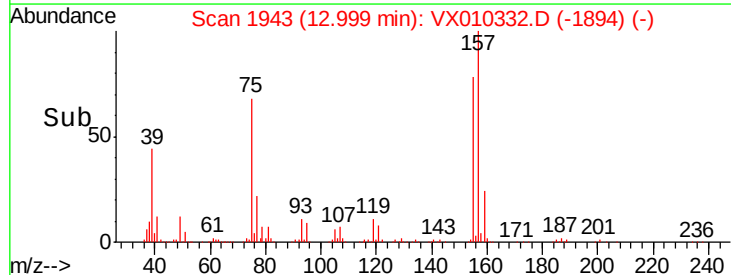
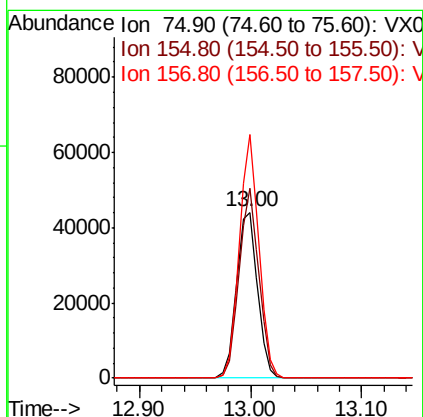
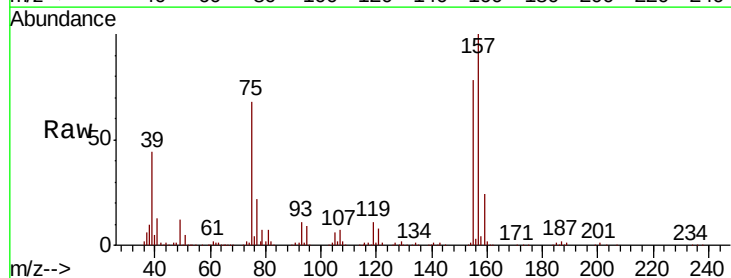
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

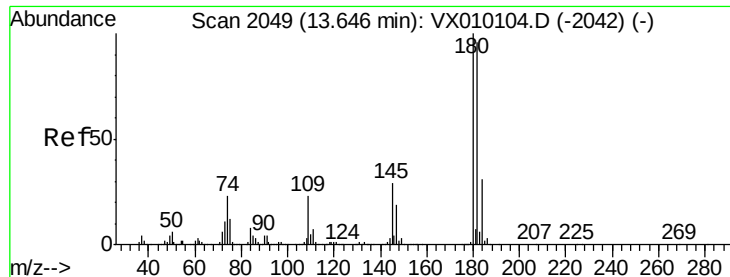
Tot Ion:146 Resp: 392231
 Ion Ratio Lower Upper
 146 100
 111 38.7 21.1 63.1
 148 64.6 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.392 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010332.D
 Acq: 18 Jun 2019 10:28

Tgt Ion: 75 Resp: 57607
 Ion Ratio Lower Upper
 75 100
 155 107.7 39.3 117.8
 157 136.2 50.6 151.8





#93

1,2,4-Trichlorobenzene

Concen: 54.971 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

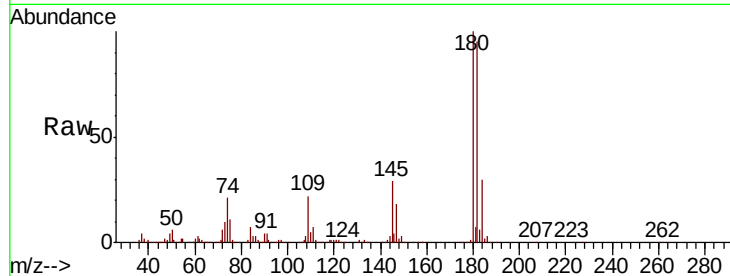
Tot Ion:180 Resp: 292106

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.2

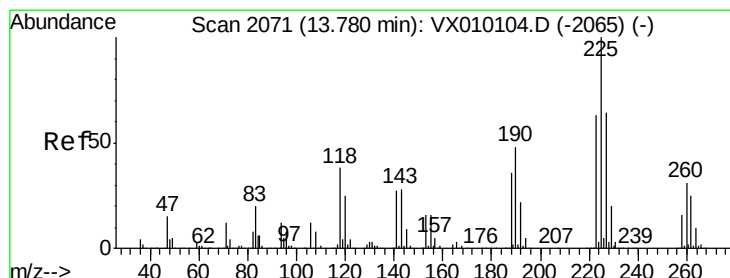
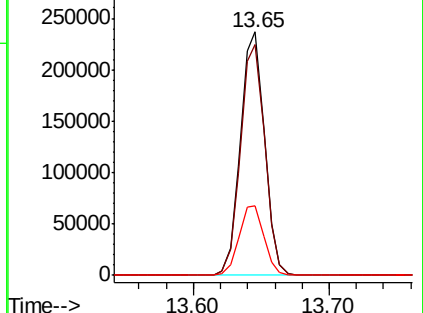
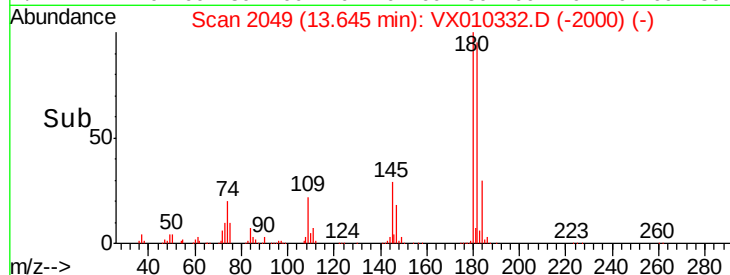
145 29.4 14.5 43.5



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: 59.752 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX010332.D

Acq: 18 Jun 2019 10:28

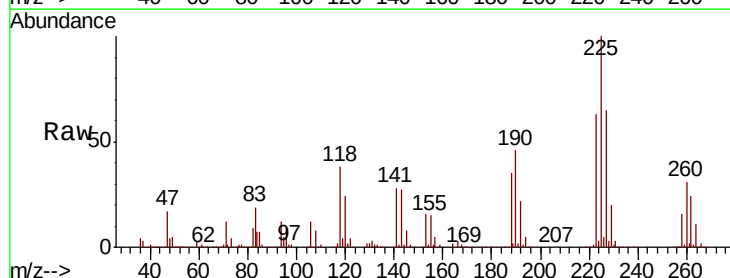
Tgt Ion:225 Resp: 141207

Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.8

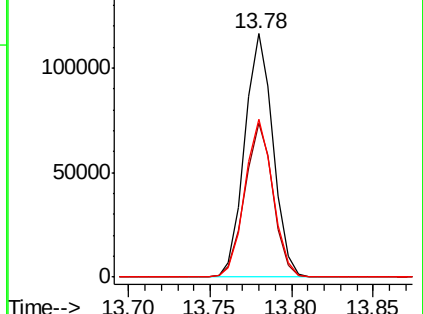
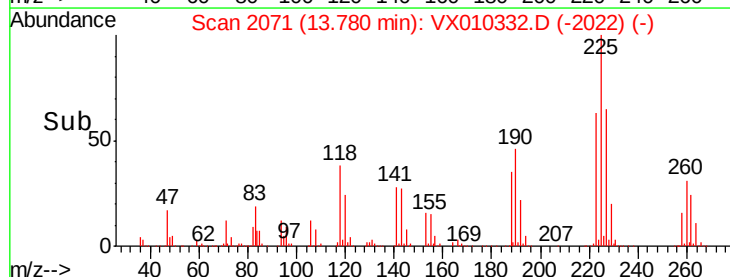
227 64.0 32.3 96.8

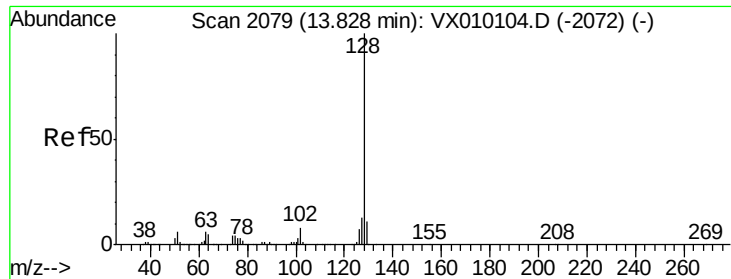


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

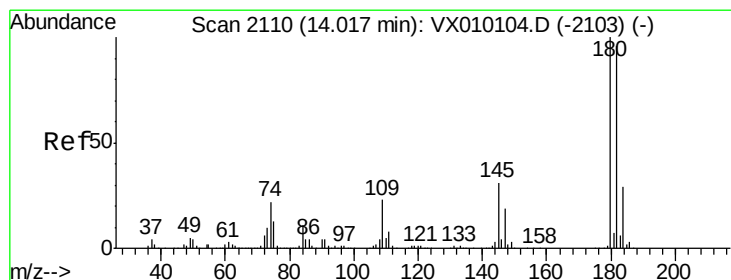
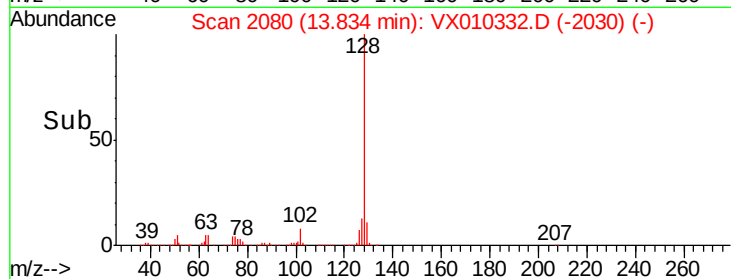
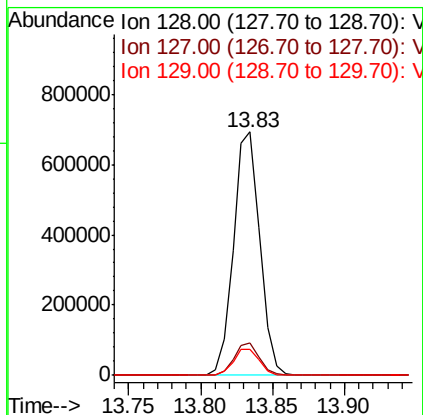
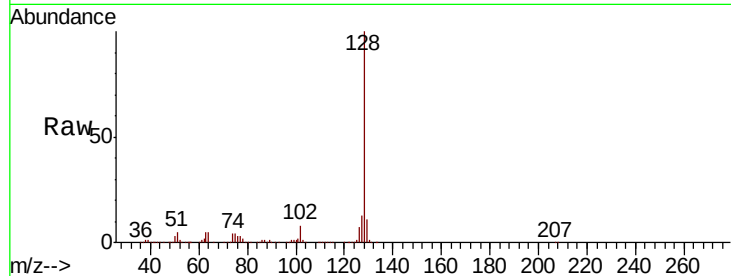




#95
Naphthalene
Concen: 52.943 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 885590
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.886 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010332.D
Acq: 18 Jun 2019 10:28

Tgt Ion:180 Resp: 288368
Ion Ratio Lower Upper
180 100
182 95.8 47.3 142.0
145 30.9 15.6 46.7

