

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010736.D
 Acq On : 09 Jul 2019 07:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 09 08:16:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158562	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	104055	52.70	ug/l	0.00
Spiked Amount			Recovery	=	105.40%	
35) Dibromofluoromethane	5.50	113	99573	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
50) Toluene-d8	8.71	98	357037	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	
62) 4-Bromofluorobenzene	11.13	95	134982	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	87762	59.945	ug/l	99
3) Chloromethane	1.32	50	95351	55.931	ug/l	100
4) Vinyl Chloride	1.41	62	102593	54.943	ug/l	98
5) Bromomethane	1.64	94	53245	58.530	ug/l	100
6) Chloroethane	1.71	64	64010	58.104	ug/l	100
7) Trichlorofluoromethane	1.92	101	169401	57.229	ug/l	100
8) Diethyl Ether	2.19	74	61676	58.101	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92100	51.343	ug/l	99
10) Methyl Iodide	2.51	142	125597	49.061	ug/l	97
11) Tert butyl alcohol	3.06	59	124276	240.542	ug/l	98
12) 1,1-Dichloroethene	2.37	96	97417	53.370	ug/l	97
13) Acrolein	2.29	56	66652	194.472	ug/l	99
14) Allyl chloride	2.73	41	139646	53.888	ug/l	98
15) Acrylonitrile	3.14	53	288775	282.308	ug/l	100
16) Acetone	2.45	43	235691	238.183	ug/l	97
17) Carbon Disulfide	2.57	76	243285	49.680	ug/l	100
18) Methyl Acetate	2.78	43	121436	61.574	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	323123	56.271	ug/l	98
20) Methylene Chloride	2.85	84	112590	55.289	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	103493	52.718	ug/l	99
22) Diisopropyl ether	3.85	45	304329	56.169	ug/l	96
23) Vinyl Acetate	3.81	43	1305790	278.977	ug/l	99
24) 1,1-Dichloroethane	3.70	63	173215	55.308	ug/l	100
25) 2-Butanone	4.67	43	385874	265.840	ug/l	100
26) 2,2-Dichloropropane	4.59	77	80271	29.505	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	122055	53.803	ug/l	98
28) Bromochloromethane	5.01	49	73719	49.232	ug/l	96
29) Tetrahydrofuran	5.13	42	256257	285.020	ug/l	98
30) Chloroform	5.21	83	188111	55.824	ug/l	100
31) Cyclohexane	5.58	56	149226	52.324	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	161957	54.432	ug/l	99
36) 1,1-Dichloropropene	5.80	75	130111	50.170	ug/l	98
37) Ethyl Acetate	4.83	43	148479	55.653	ug/l	99
38) Carbon Tetrachloride	5.79	117	142244	50.652	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160548	47.096	ug/l	98
40) Benzene	6.14	78	422282	52.265	ug/l	99
41) Methacrylonitrile	5.04	41	81283	55.526	ug/l	98
42) 1,2-Dichloroethane	6.19	62	141061	57.355	ug/l	98
43) Isopropyl Acetate	6.44	43	240973	54.592	ug/l	98
44) Trichloroethene	7.21	130	119948	49.614	ug/l	99
45) 1,2-Dichloropropane	7.51	63	107113	52.498	ug/l	99
46) Dibromomethane	7.66	93	77432	52.895	ug/l	98
47) Bromodichloromethane	7.90	83	140935	52.534	ug/l	99
48) Methyl methacrylate	7.77	41	116160	56.615	ug/l	97
49) 1,4-Dioxane	7.74	88	59591	1008.219	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	792794	280.825	ug/l	98
52) Toluene	8.78	92	272526	51.220	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	142856	47.496	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	158309	48.434	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	116100	52.908	ug/l	99
56) Ethyl methacrylate	9.18	69	180178	54.202	ug/l	97
57) 1,3-Dichloropropane	9.37	76	179406	52.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	378762	239.913	ug/l	99
59) 2-Hexanone	9.49	43	612317	275.586	ug/l	97
60) Dibromochloromethane	9.58	129	125109	50.920	ug/l	99
61) 1,2-Dibromoethane	9.67	107	125474	52.975	ug/l	100
64) Tetrachloroethene	9.34	164	117217	48.503	ug/l	97
65) Chlorobenzene	10.14	112	309805	51.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	115088	52.087	ug/l	100
67) Ethyl Benzene	10.25	91	521886	50.962	ug/l	99
68) m/p-Xylenes	10.36	106	409100	103.099	ug/l	99
69) o-Xylene	10.69	106	199102	51.023	ug/l	97
70) Styrene	10.71	104	346114	52.889	ug/l	99
71) Bromoform	10.85	173	96464	50.203	ug/l #	100
73) Isopropylbenzene	11.02	105	529304	49.244	ug/l	98
74) N-amyl acetate	10.90	43	218103	53.692	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	183183	51.461	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	194214	67.216	ug/l	80
77) Bromobenzene	11.26	156	148286	49.407	ug/l	98
78) n-propylbenzene	11.36	91	583782	49.418	ug/l	99
79) 2-Chlorotoluene	11.42	91	350718	49.857	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	446368	50.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47291	38.182	ug/l	93
82) 4-Chlorotoluene	11.51	91	404195	50.496	ug/l	100
83) tert-Butylbenzene	11.77	119	440433	49.523	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	452583	50.838	ug/l	99
85) sec-Butylbenzene	11.94	105	513445	49.170	ug/l	100
86) p-Isopropyltoluene	12.06	119	476928	49.378	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	255754	48.818	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	254999	47.810	ug/l	99
89) n-Butylbenzene	12.38	91	400740	48.826	ug/l	99
90) Hexachloroethane	12.60	117	78311	46.889	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	255905	49.148	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38516	50.185	ug/l	92

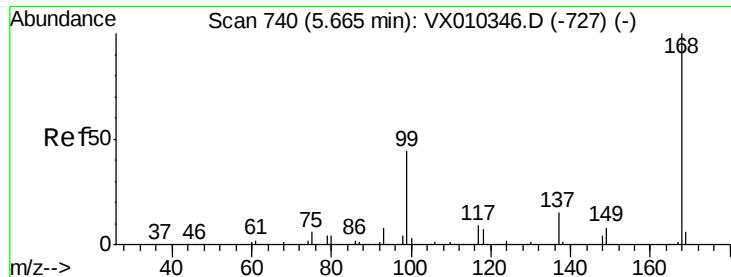
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	172649	47.814	ug/l	100
94) Hexachlorobutadiene	13.78	225	79642	45.129	ug/l	98
95) Naphthalene	13.83	128	565630	50.974	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	179131	49.895	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

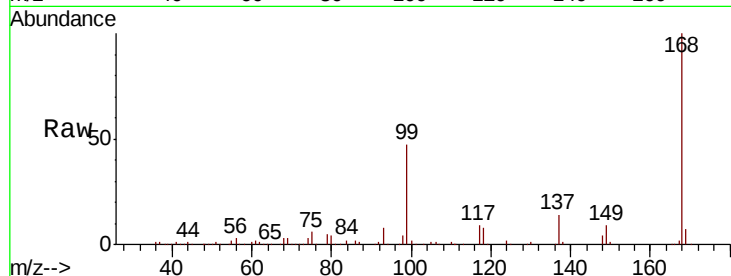
VSTDCCC050EC

Tot Ion:168 Resp: 210586

Ion Ratio Lower Upper

168 100

99 46.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

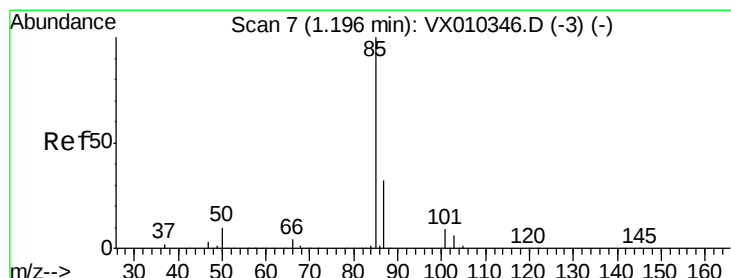
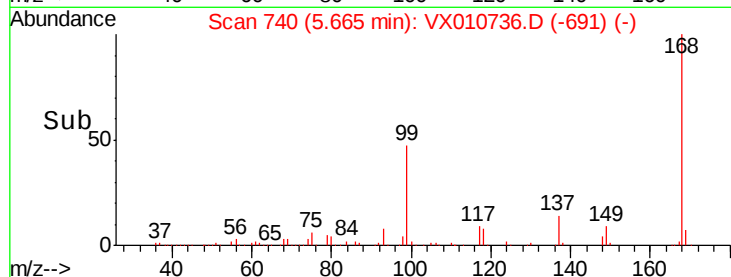
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 59.945 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010736.D

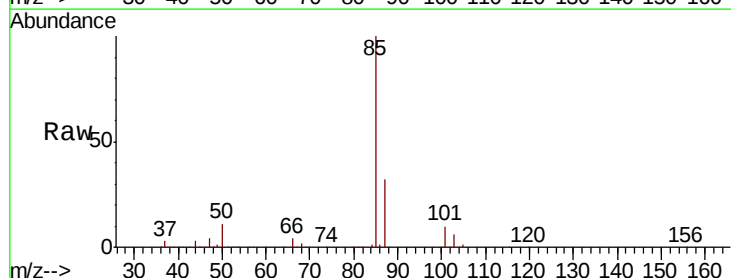
Acq: 09 Jul 2019 07:47

Tgt Ion: 85 Resp: 87762

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

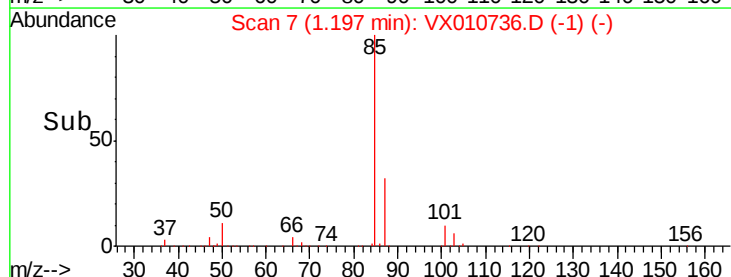
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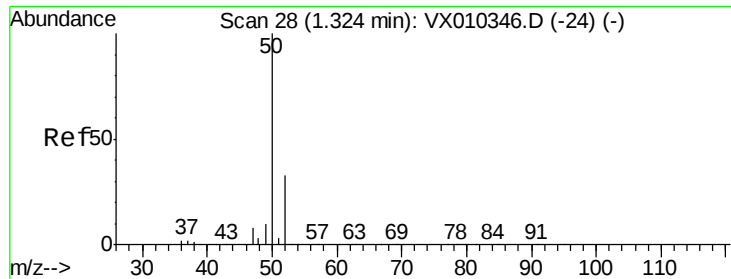
20000

0

1.15 1.20 1.25 1.30 1.35

Time-->





#3

Chloromethane

Concen: 55.931 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

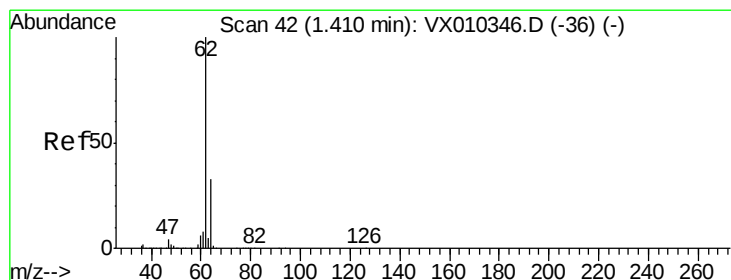
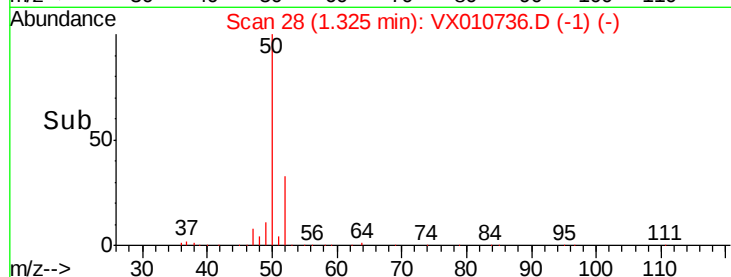
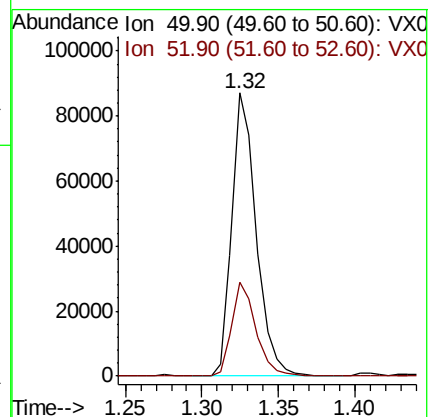
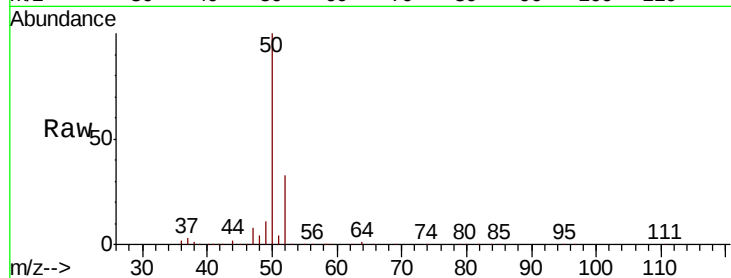
VSTDCCC050EC

Tot Ion: 50 Resp: 95351

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



#4

Vinyl Chloride

Concen: 54.943 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010736.D

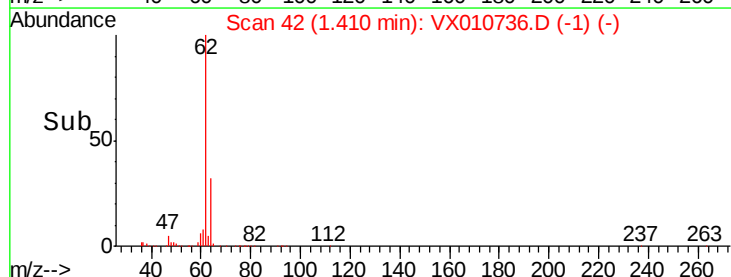
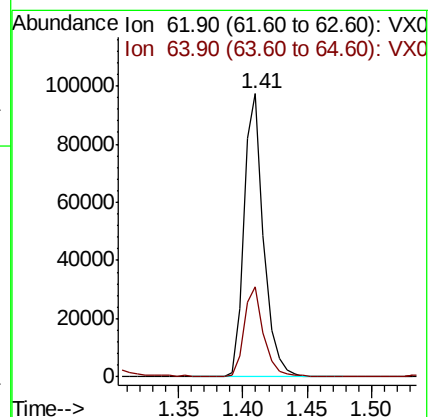
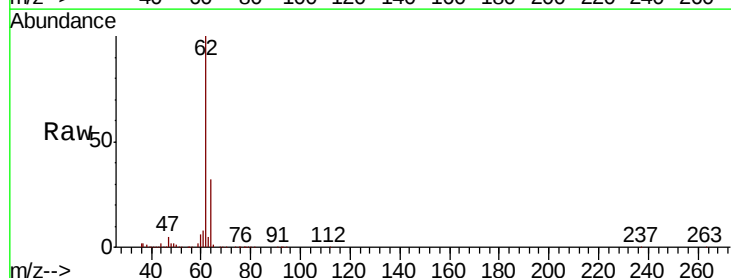
Acq: 09 Jul 2019 07:47

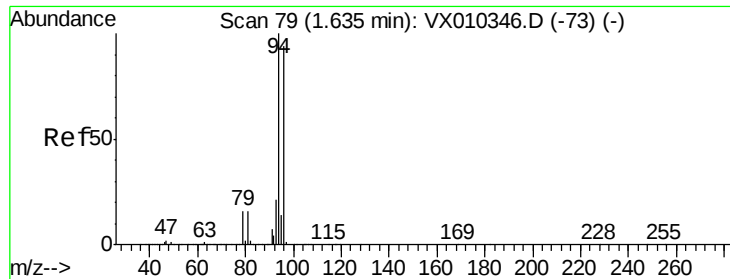
Tgt Ion: 62 Resp: 102593

Ion Ratio Lower Upper

62 100

64 31.7 26.2 39.4





#5

Bromomethane

Concen: 58.530 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

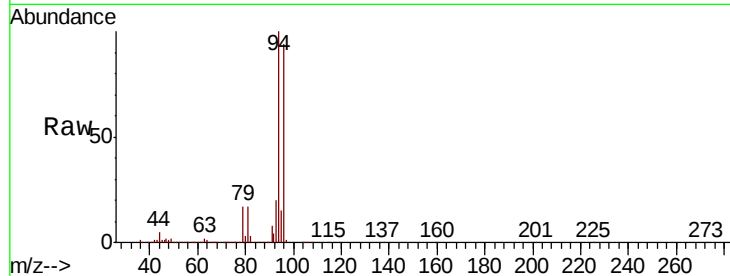
VSTDCCC050EC

Tot Ion: 94 Resp: 53245

Ion Ratio Lower Upper

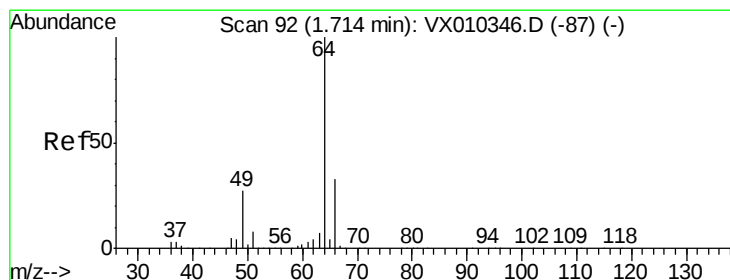
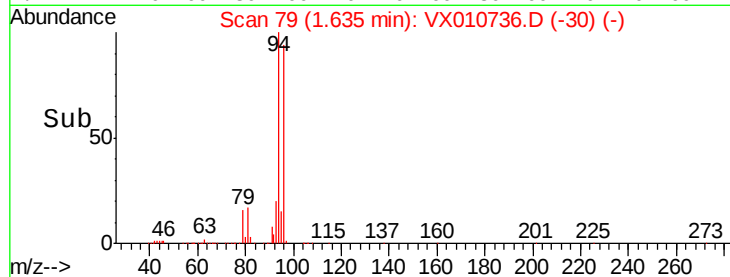
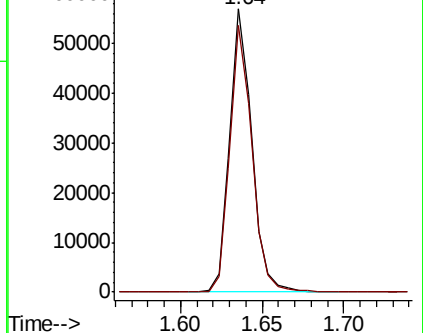
94 100

96 94.0 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 58.104 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010736.D

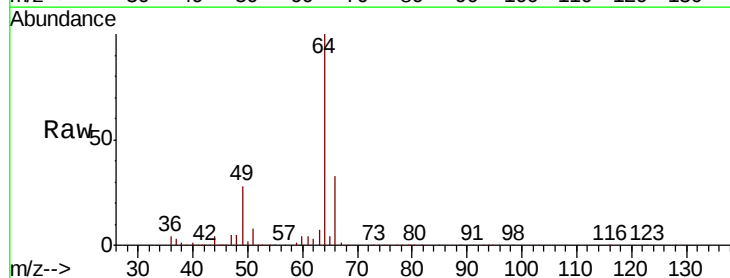
Acq: 09 Jul 2019 07:47

Tgt Ion: 64 Resp: 64010

Ion Ratio Lower Upper

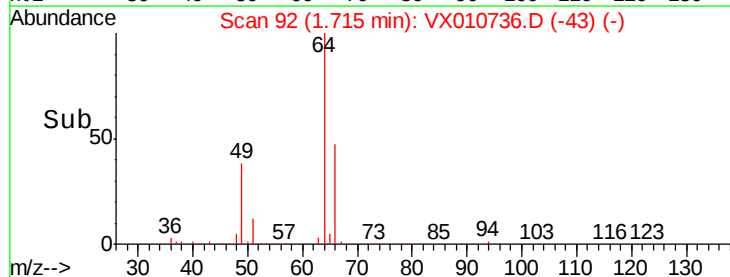
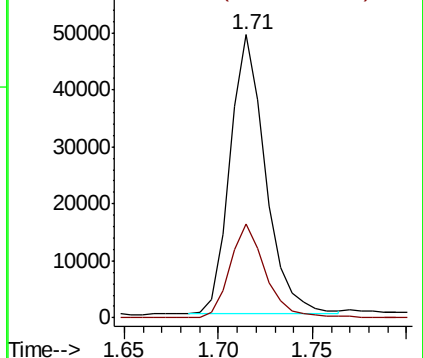
64 100

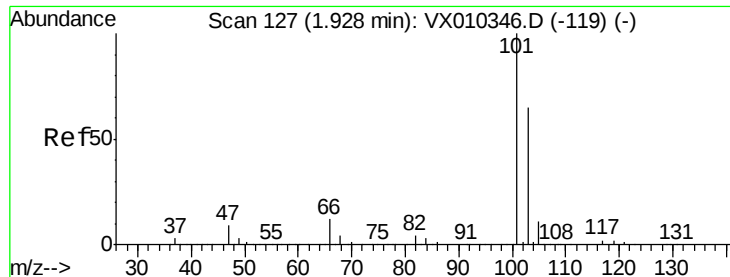
66 33.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



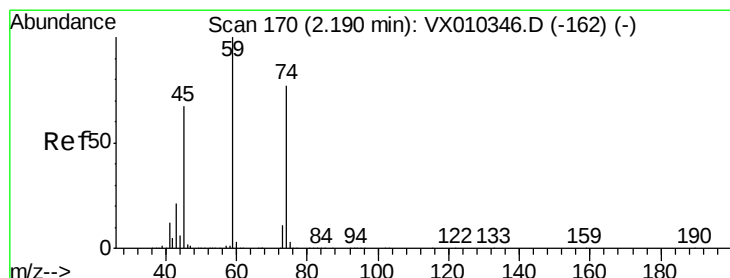
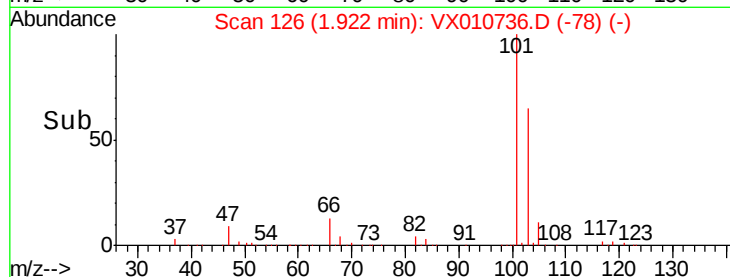
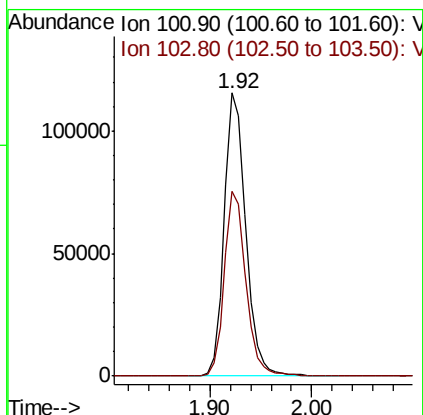
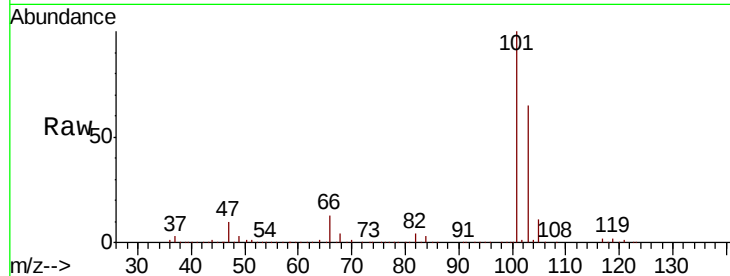


#7

Trichlorofluoromethane
Concen: 57.229 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
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VSTDCCC050EC

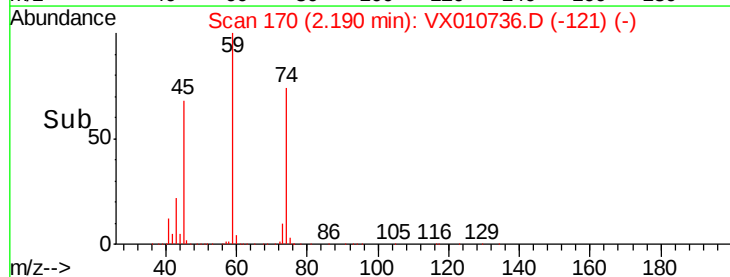
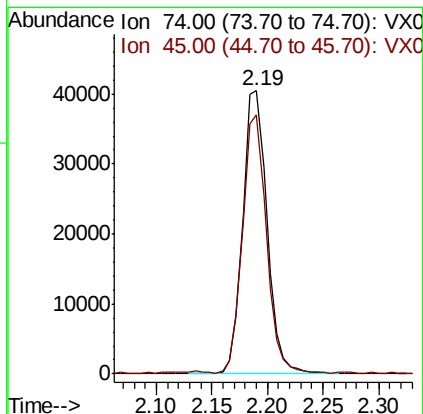
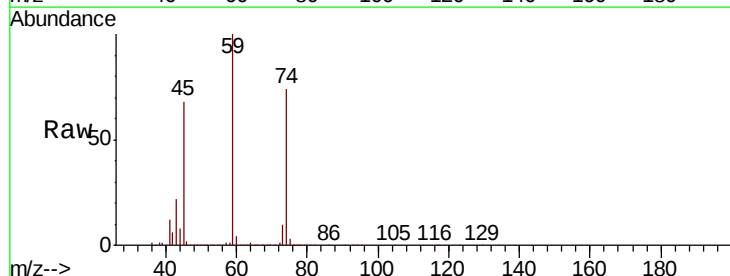
Tot Ion:101 Resp: 169401
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

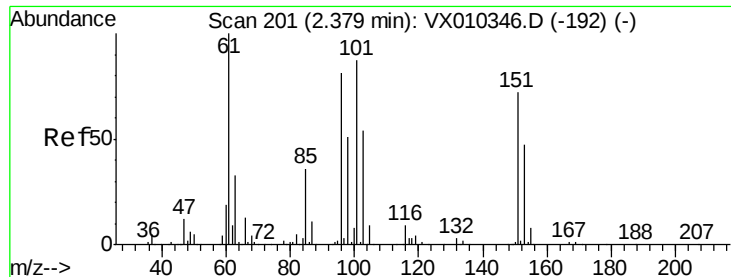


#8

Diethyl Ether
Concen: 58.101 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion: 74 Resp: 61676
Ion Ratio Lower Upper
74 100
45 89.7 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.343 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

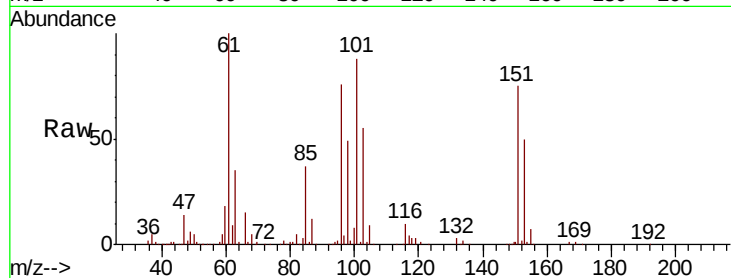
Tot Ion:101 Resp: 92100

Ion Ratio Lower Upper

101 100

85 43.1 33.7 50.5

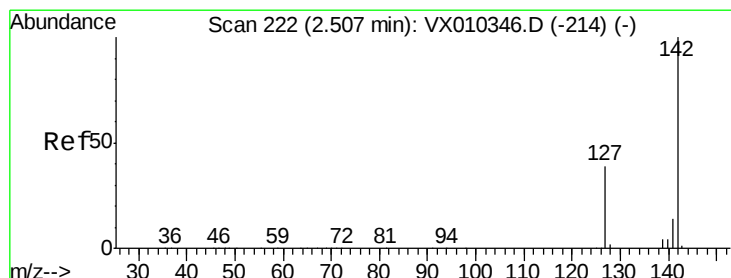
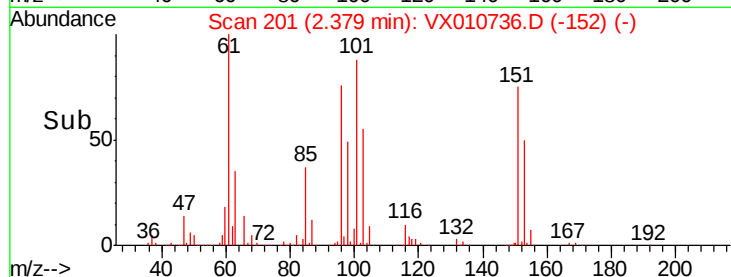
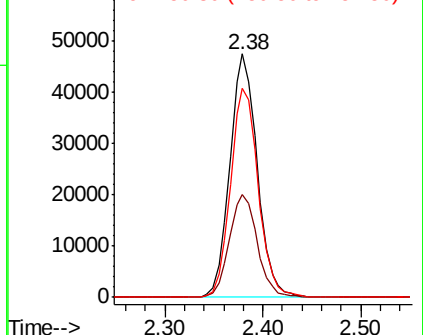
151 86.9 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.061 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

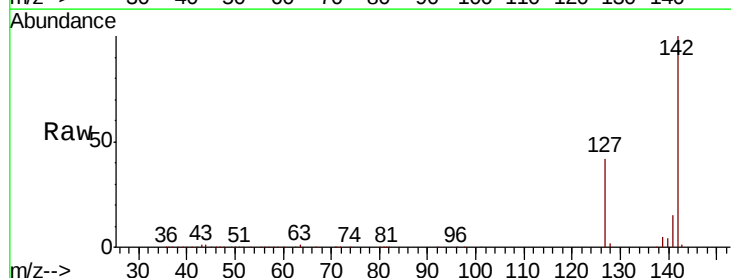
Tgt Ion:142 Resp: 125597

Ion Ratio Lower Upper

142 100

127 40.9 31.1 46.7

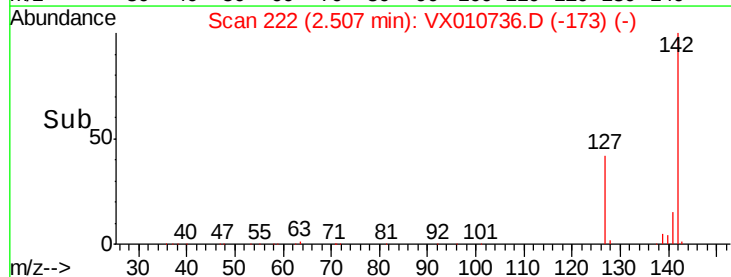
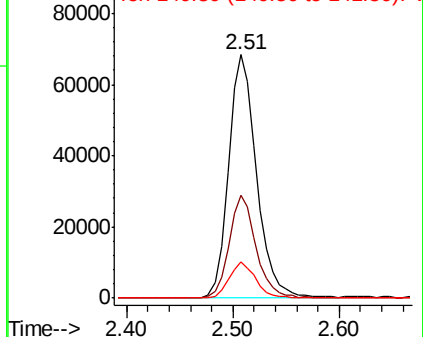
141 14.2 11.2 16.8

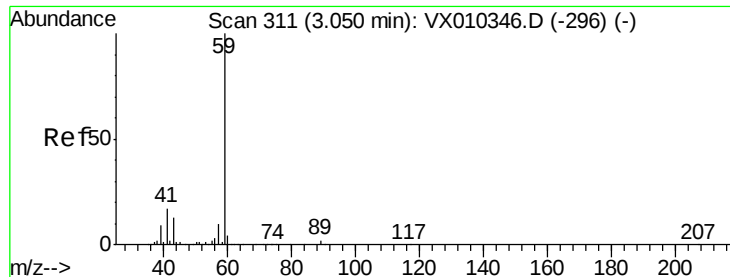


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



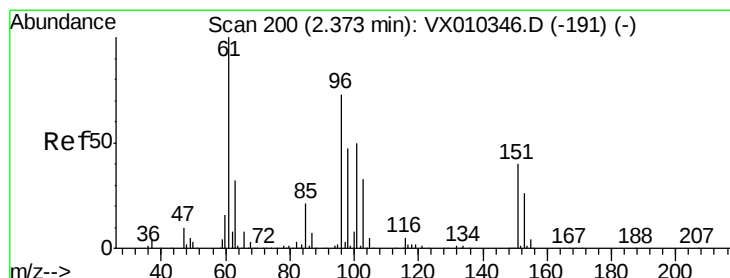
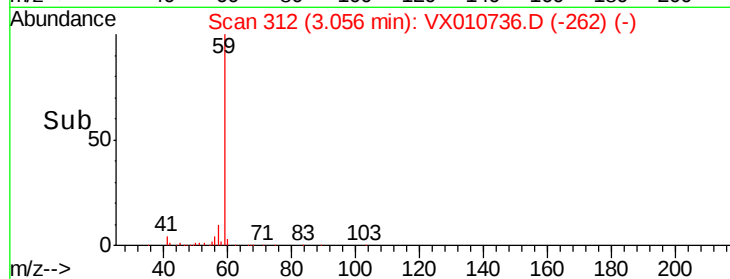
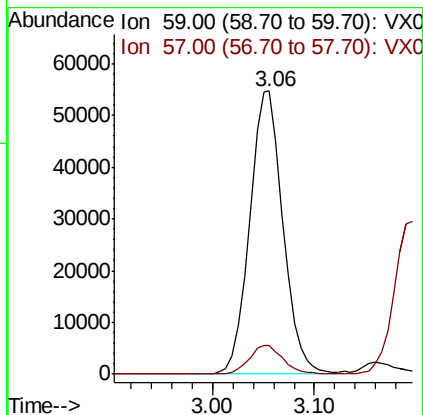
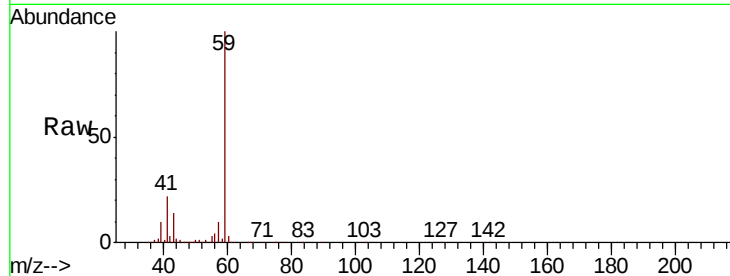


#11

Tert butyl alcohol
 Concen: 240.542 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

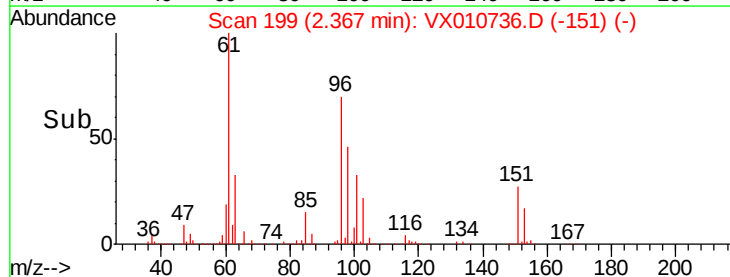
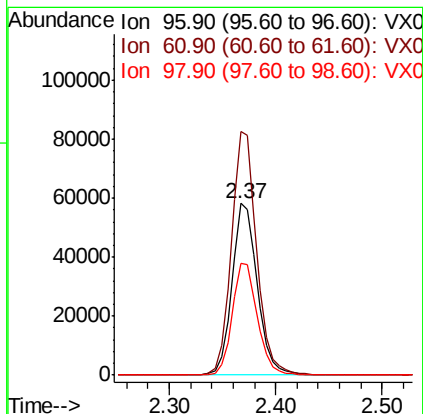
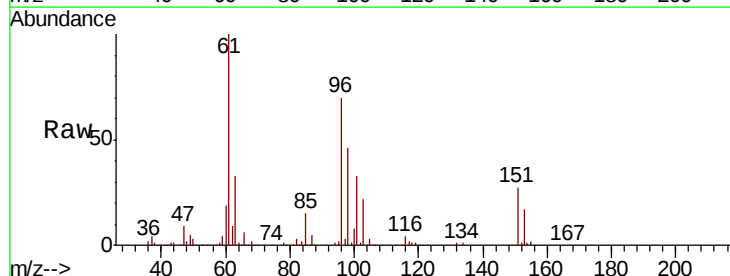
Tot Ion: 59 Resp: 124276
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.7 11.5

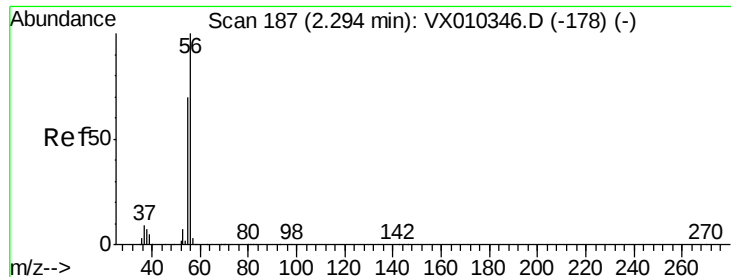


#12

1,1-Dichloroethene
 Concen: 53.370 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion: 96 Resp: 97417
 Ion Ratio Lower Upper
 96 100
 61 141.9 109.2 163.8
 98 64.9 51.1 76.7





#13

Acrolein

Concen: 194.472 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

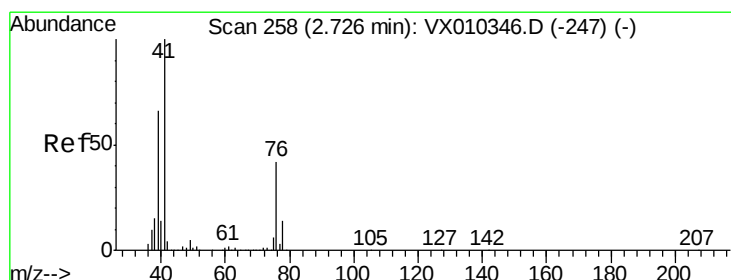
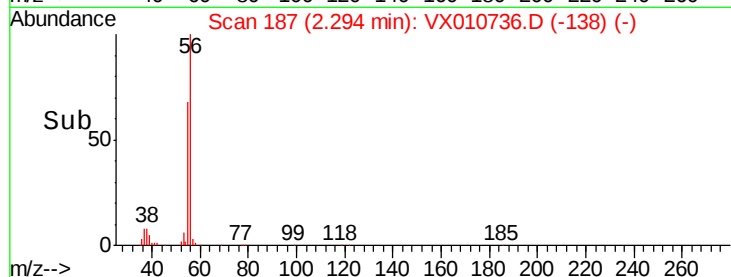
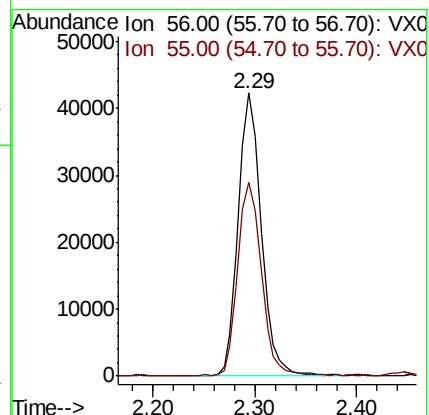
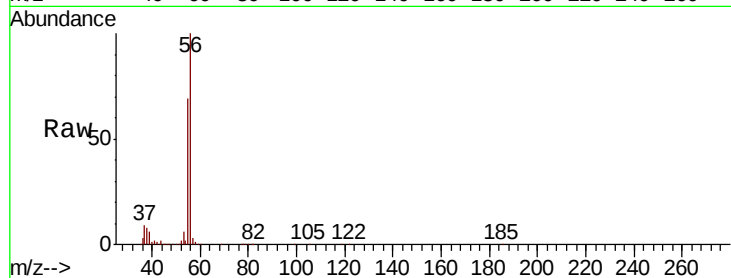
VSTDCCC050EC

Tot Ion: 56 Resp: 66652

Ion Ratio Lower Upper

56 100

55 70.0 56.9 85.3



#14

Allyl chloride

Concen: 53.888 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

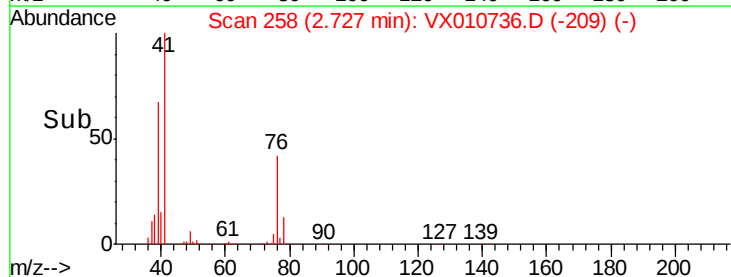
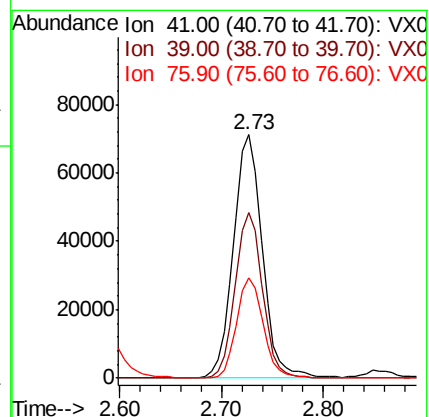
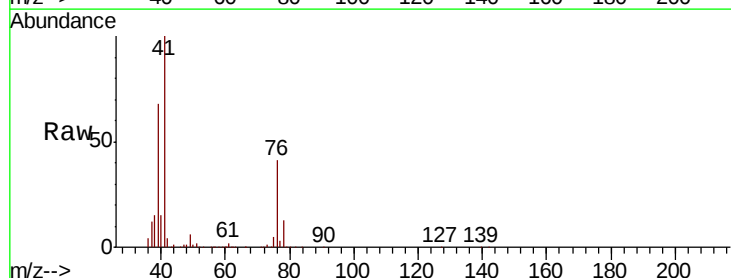
Tgt Ion: 41 Resp: 139646

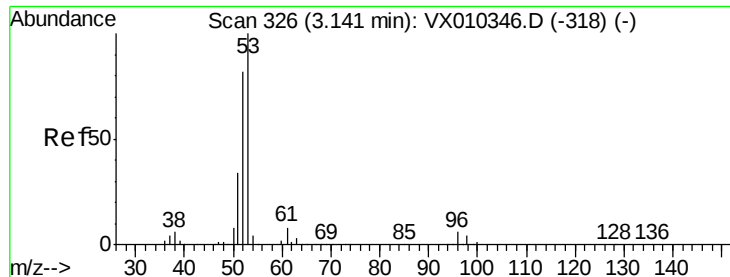
Ion Ratio Lower Upper

41 100

39 63.8 50.3 75.5

76 37.5 31.3 46.9



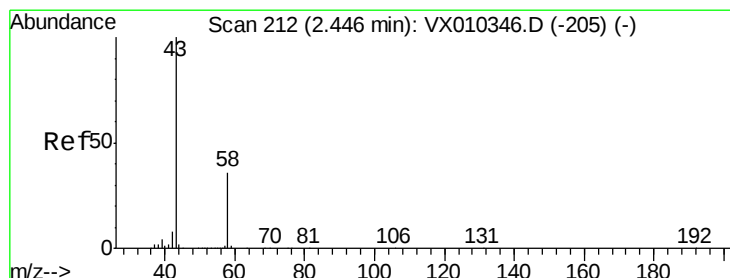
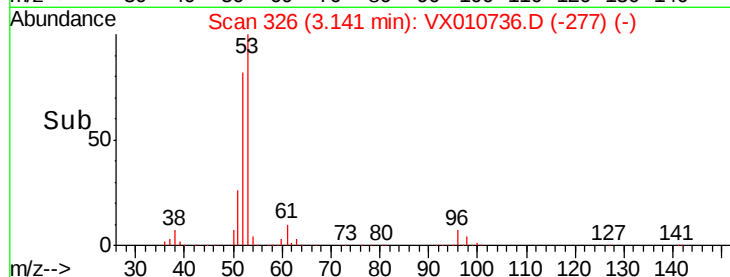
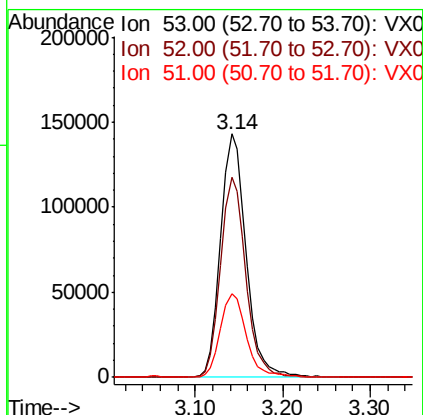
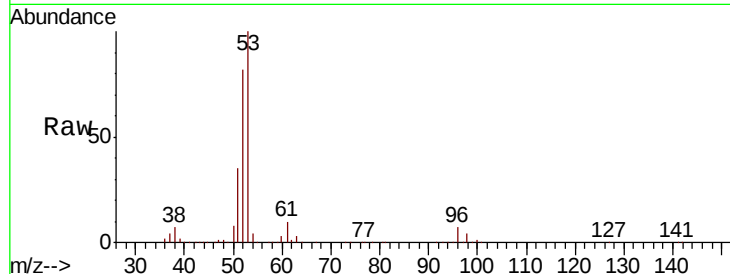


#15
 Acrylonitrile
 Concen: 282.308 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 53 Resp: 288775

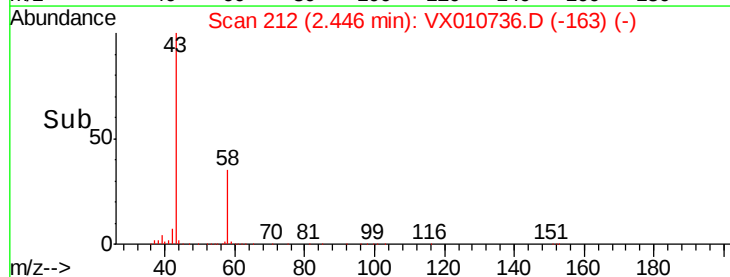
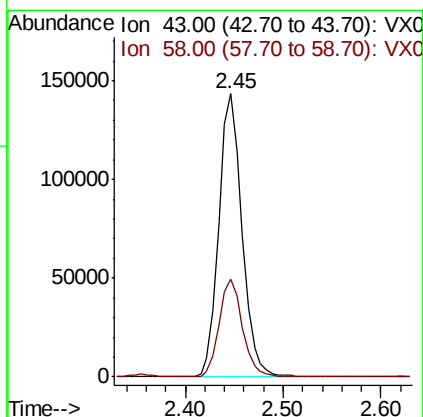
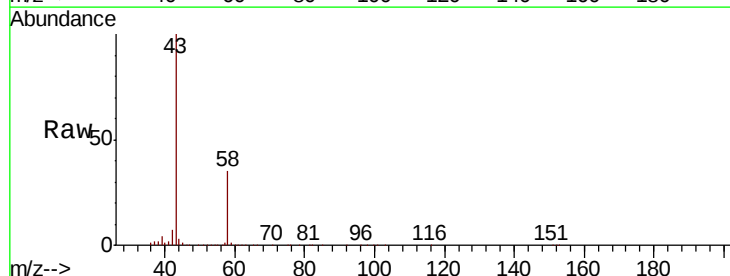
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.5	98.3
51	35.6	28.2	42.4

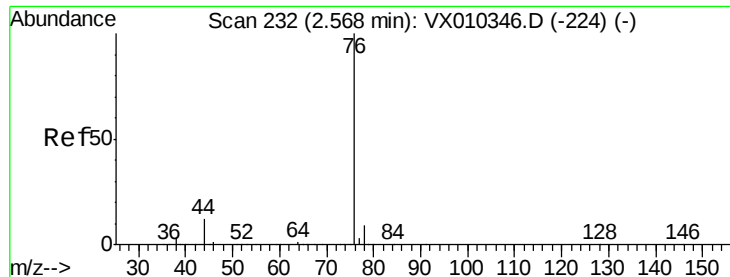


#16
 Acetone
 Concen: 238.183 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion: 43 Resp: 235691

Ion	Ratio	Lower	Upper
43	100		
58	34.5	28.9	43.3

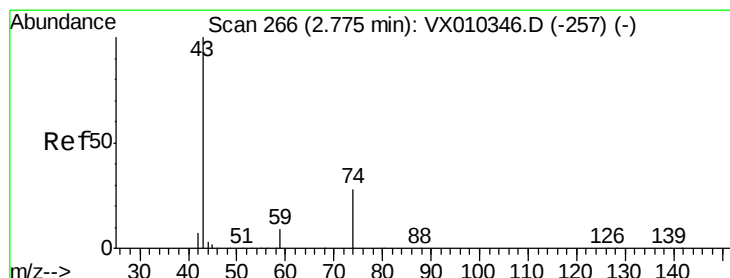
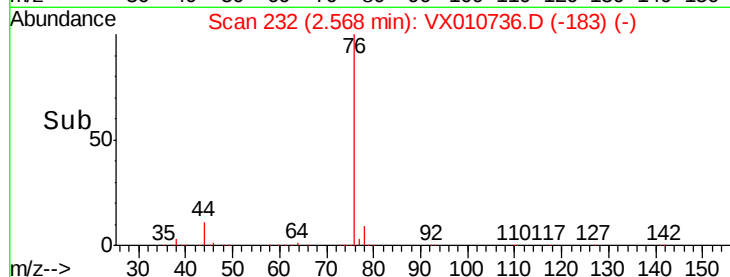
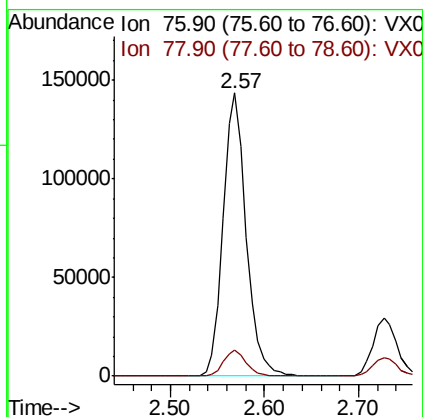
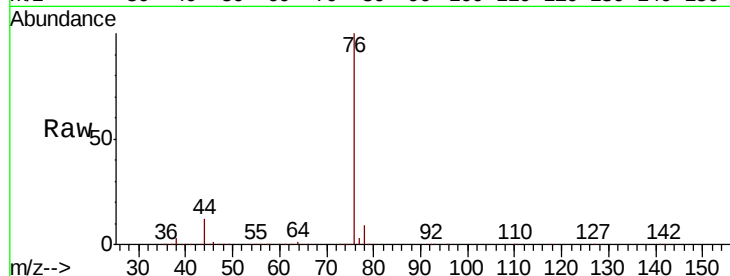




#17
Carbon Disulfide
Concen: 49.680 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

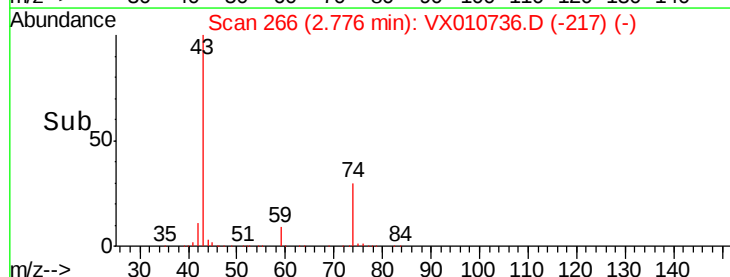
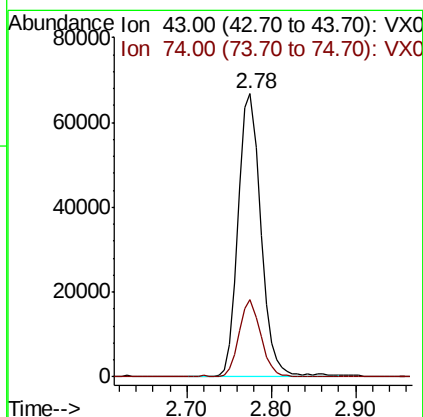
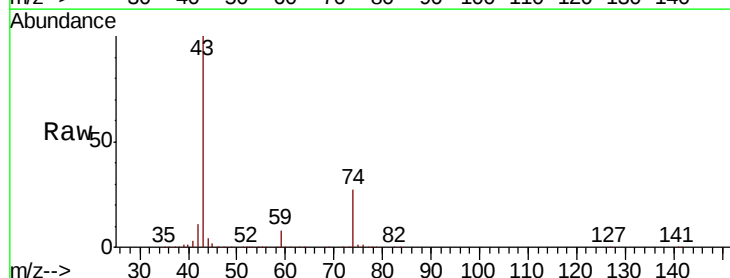
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

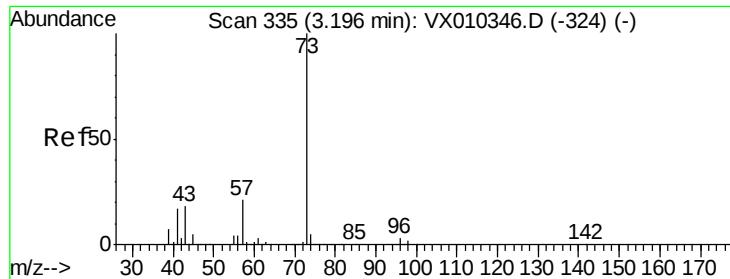
Tot Ion: 76 Resp: 243285
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 61.574 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion: 43 Resp: 121436
Ion Ratio Lower Upper
43 100
74 25.6 21.3 31.9

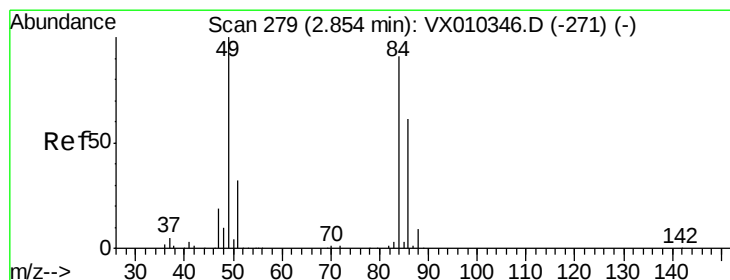
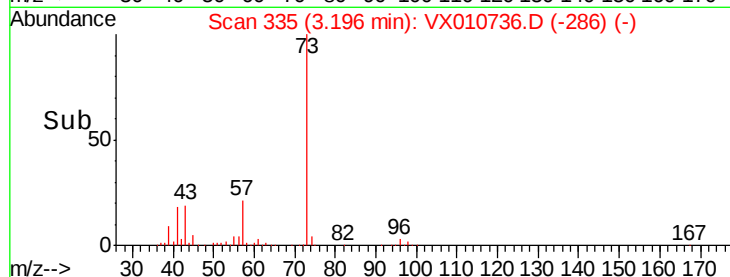
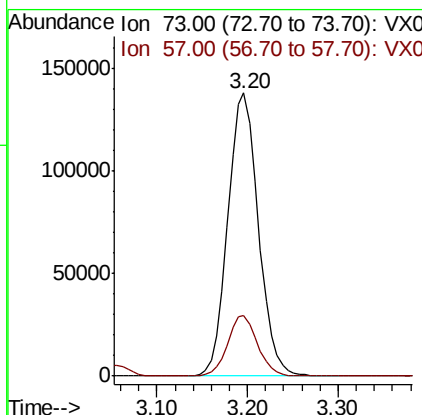
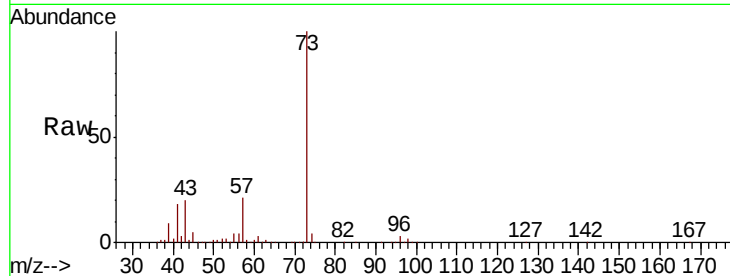




#19
Methyl tert-butyl Ether
Concen: 56.271 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

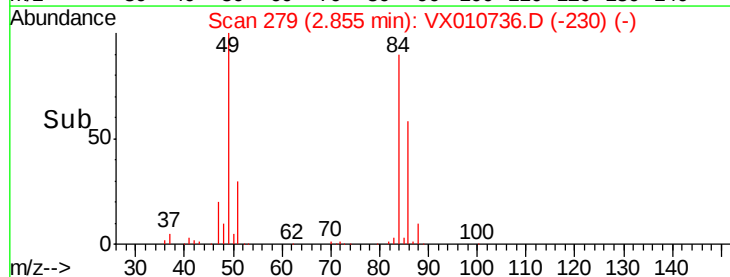
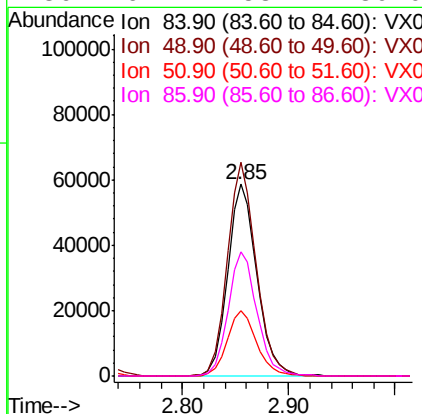
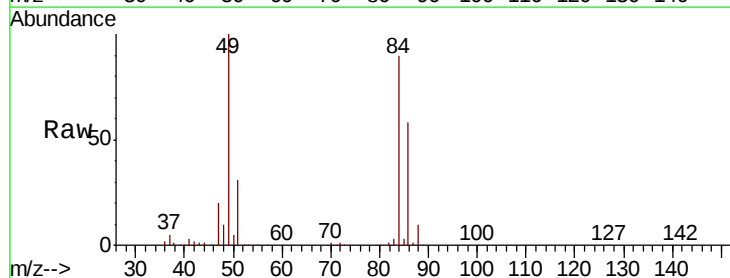
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

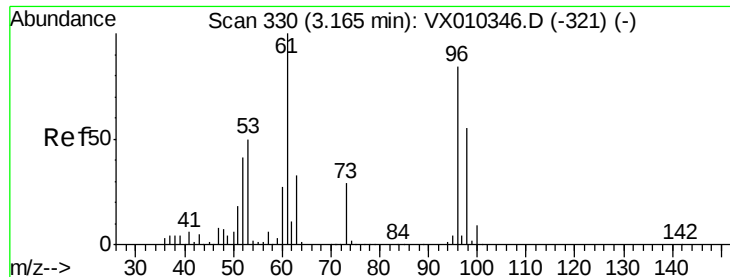
Tot Ion: 73 Resp: 323123
Ion Ratio Lower Upper
73 100
57 21.4 16.4 24.6



#20
Methylene Chloride
Concen: 55.289 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion: 84 Resp: 112590
Ion Ratio Lower Upper
84 100
49 111.4 87.5 131.3
51 33.9 27.7 41.5
86 64.7 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 52.718 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

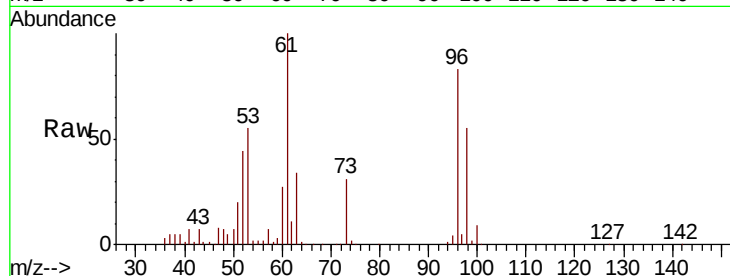
Tot Ion: 96 Resp: 103493

Ion Ratio Lower Upper

96 100

61 120.0 95.6 143.4

98 66.3 52.5 78.7

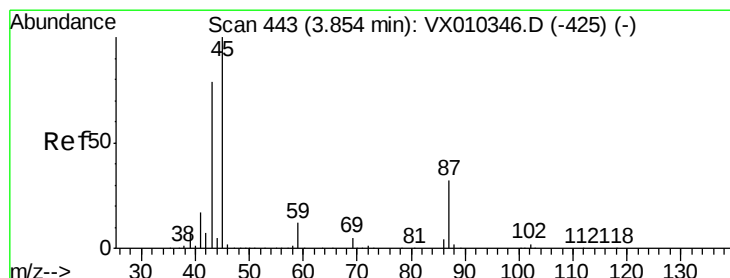
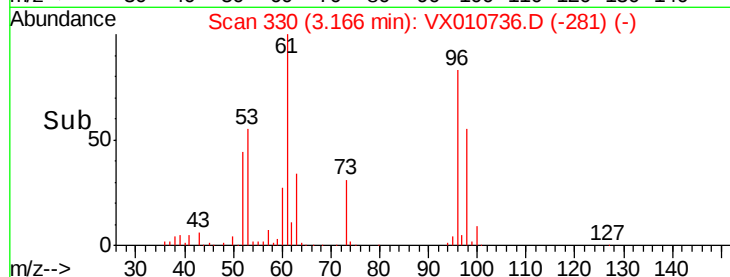
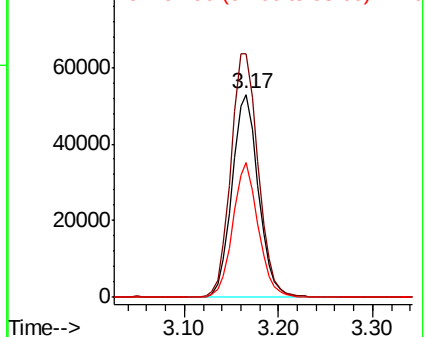


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 56.169 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Tgt Ion: 45 Resp: 304329

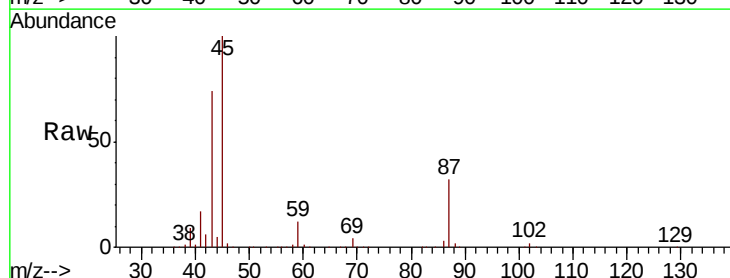
Ion Ratio Lower Upper

45 100

43 74.0 63.3 94.9

87 32.0 25.8 38.8

59 12.1 9.6 14.4



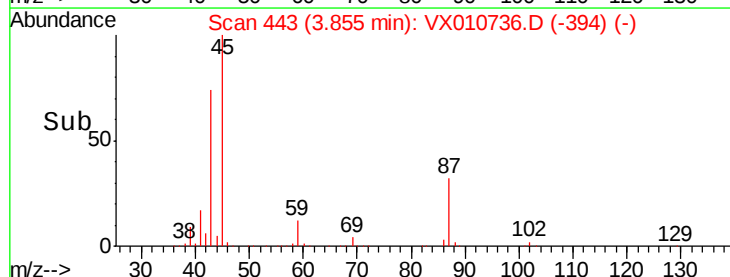
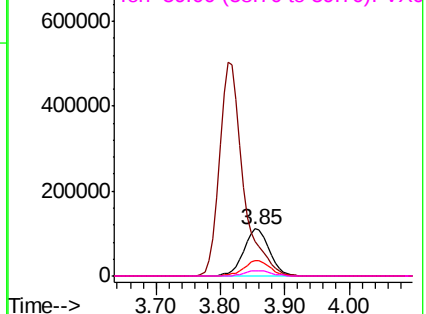
Abundance

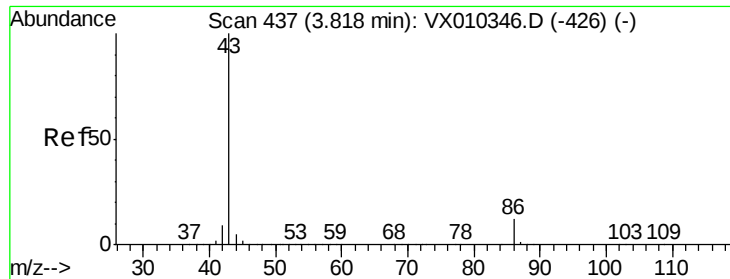
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 278.977 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

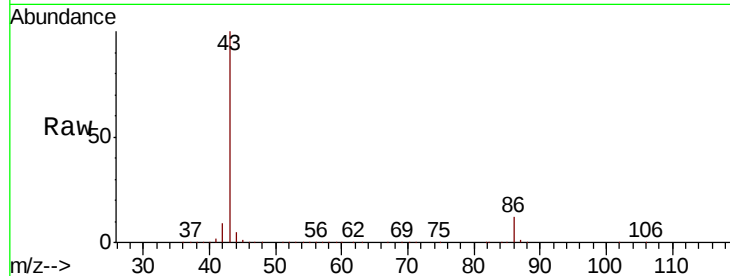
VSTDCCC050EC

Tot Ion: 43 Resp: 1305790

Ion Ratio Lower Upper

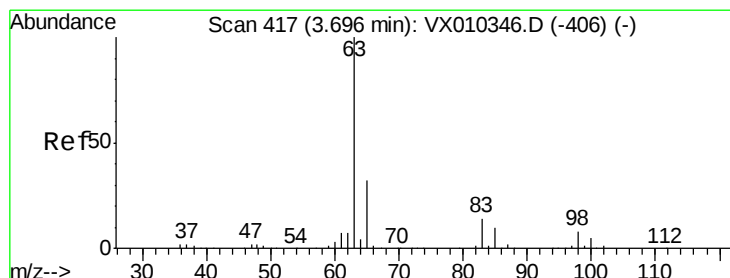
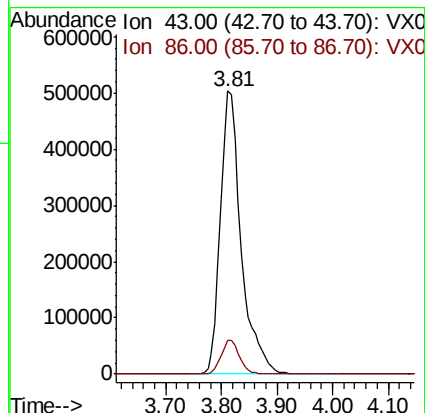
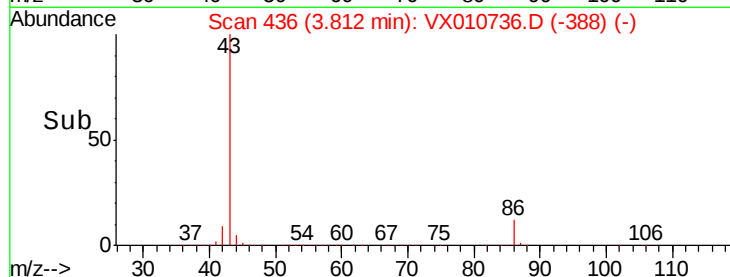
43 100

86 12.0 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX010736.D (-388) (-)

Ion 86.00 (85.70 to 86.70): VX010736.D (-388) (-)



#24

1,1-Dichloroethane

Concen: 55.308 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

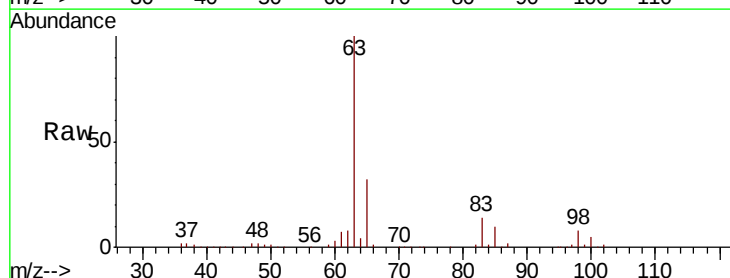
Tgt Ion: 63 Resp: 173215

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

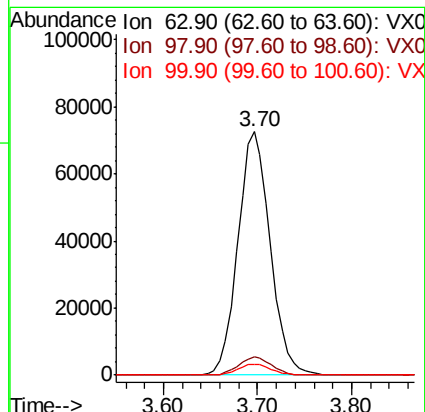
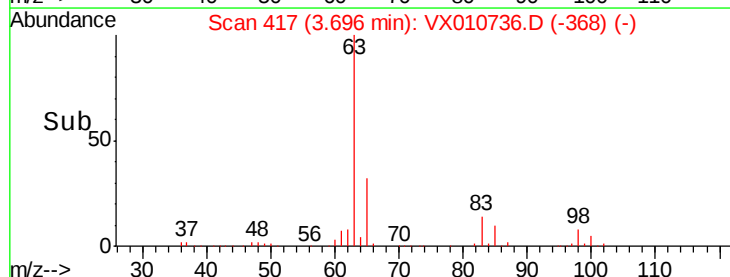
100 4.6 2.4 7.1

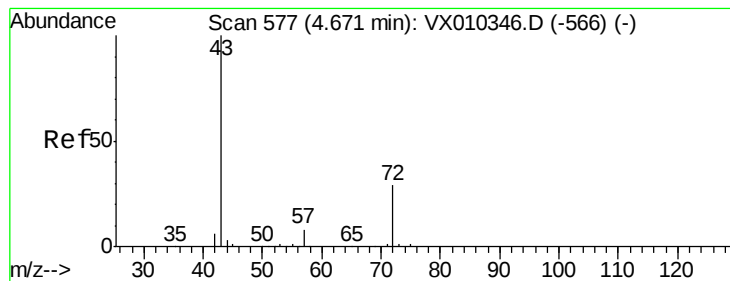


Abundance Ion 62.90 (62.60 to 63.60): VX010736.D (-368) (-)

Ion 97.90 (97.60 to 98.60): VX010736.D (-368) (-)

Ion 99.90 (99.60 to 100.60): VX010736.D (-368) (-)





#25

2-Butanone

Concen: 265.840 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

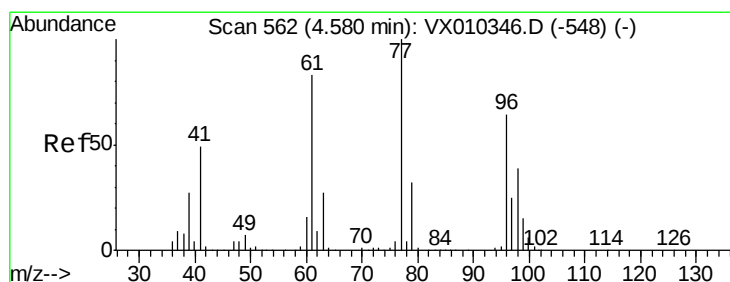
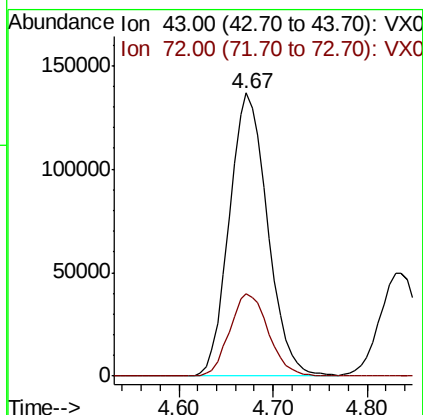
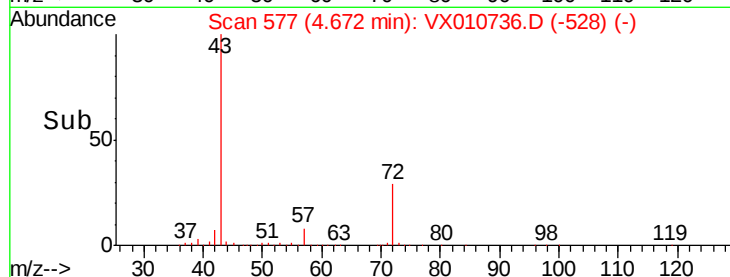
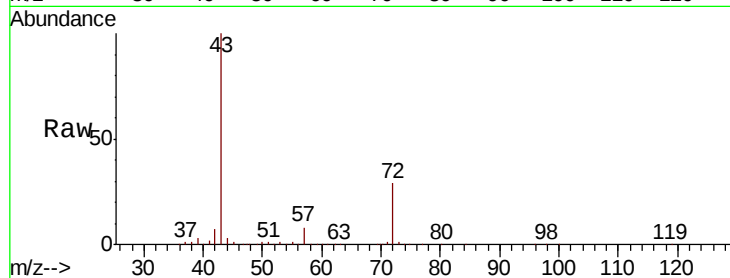
VSTDCCC050EC

Tot Ion: 43 Resp: 385874

Ion Ratio Lower Upper

43 100

72 28.9 23.3 34.9



#26

2,2-Dichloropropane

Concen: 29.505 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010736.D

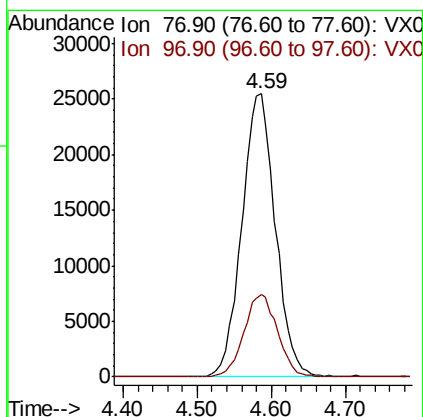
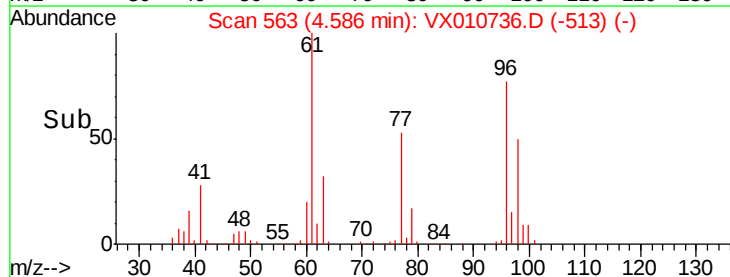
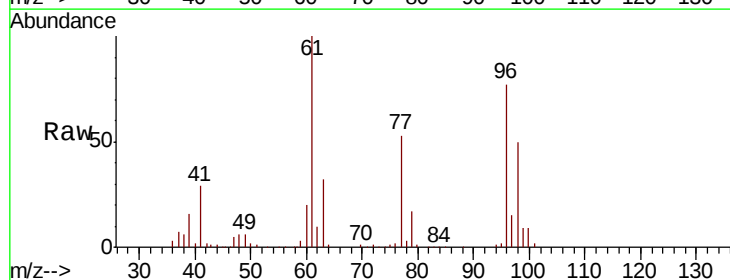
Acq: 09 Jul 2019 07:47

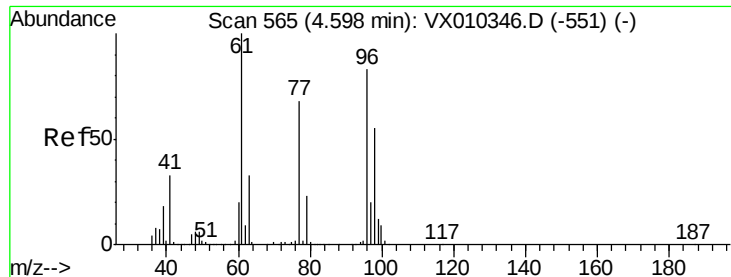
Tgt Ion: 77 Resp: 80271

Ion Ratio Lower Upper

77 100

97 29.1 13.1 39.3



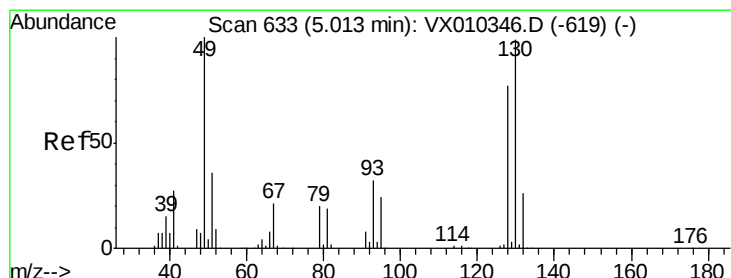
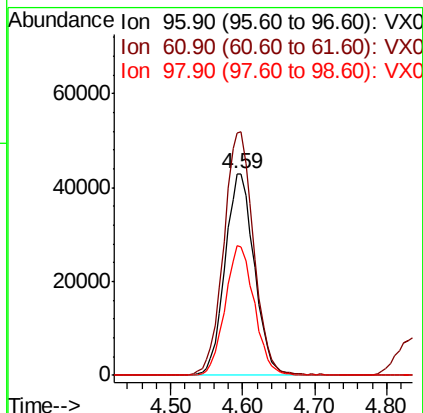
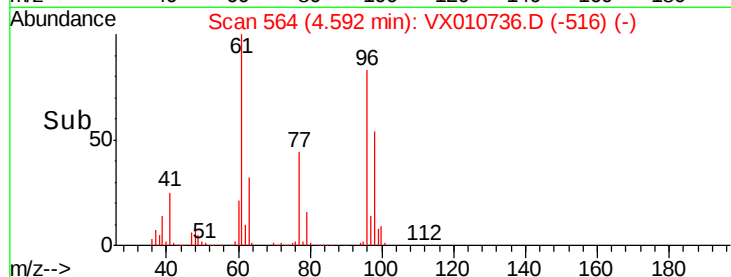
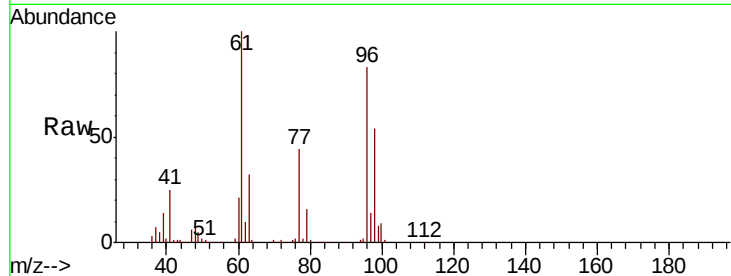


#27

cis-1,2-Dichloroethene
 Concen: 53.803 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

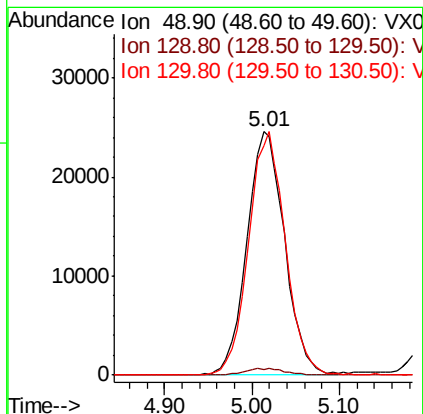
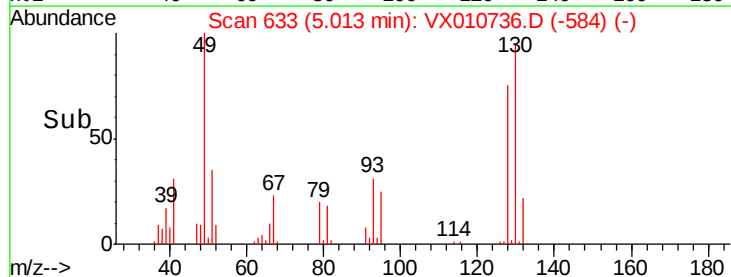
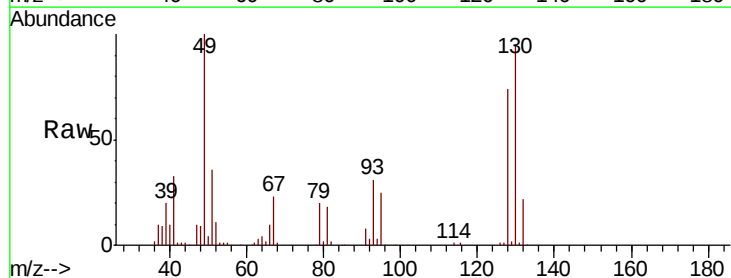
Tot Ion	Ratio	Lower	Upper
96	100		
61	122.5	0.0	251.8
98	63.8	0.0	129.4

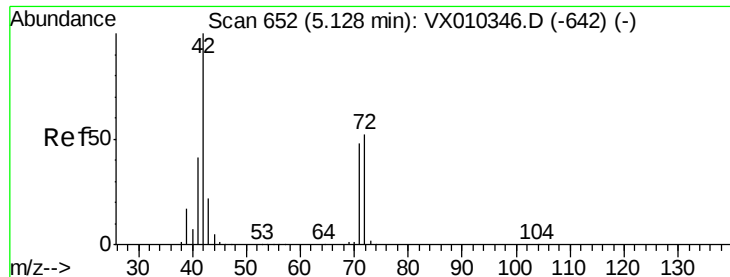


#28

Bromochloromethane
 Concen: 49.232 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	97.3	81.4	122.0





#29

Tetrahydrofuran

Concen: 285.020 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

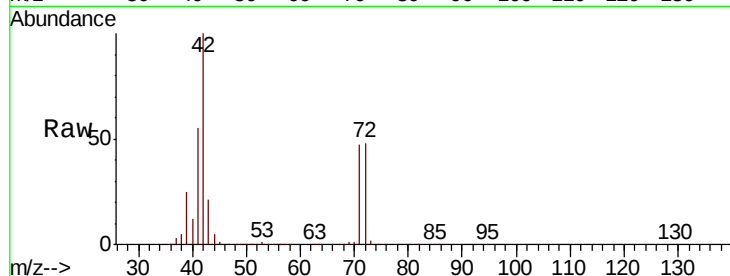
Tot Ion: 42 Resp: 256257

Ion Ratio Lower Upper

42 100

72 48.8 40.6 60.8

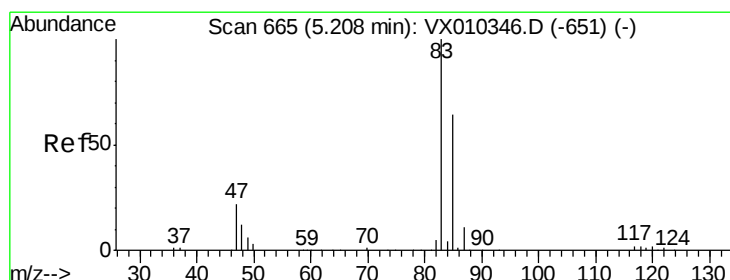
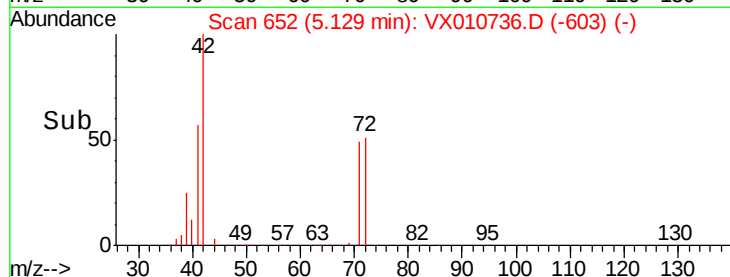
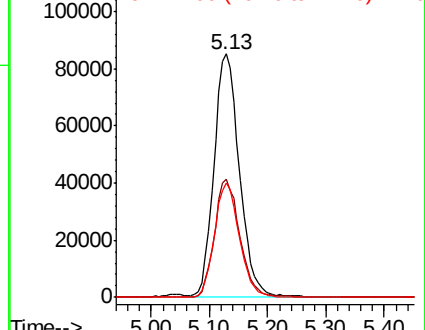
71 46.2 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 55.824 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010736.D

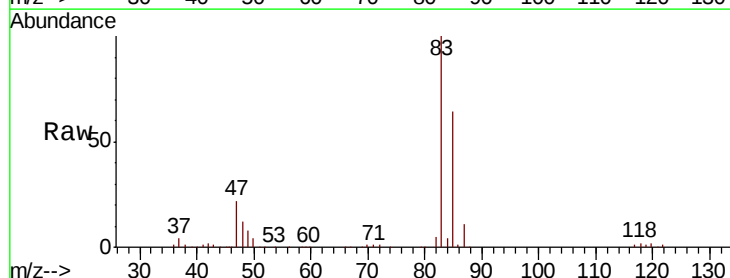
Acq: 09 Jul 2019 07:47

Tgt Ion: 83 Resp: 188111

Ion Ratio Lower Upper

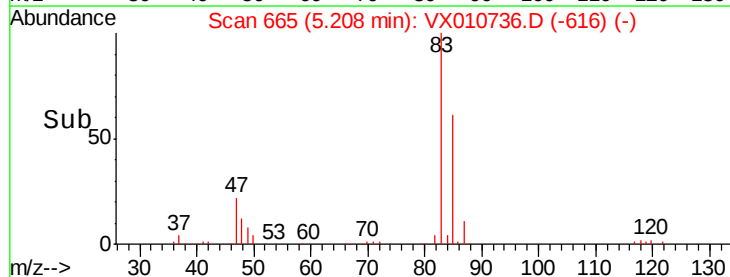
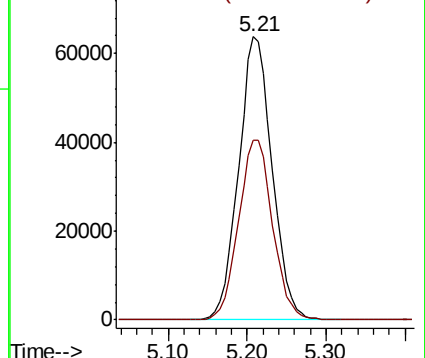
83 100

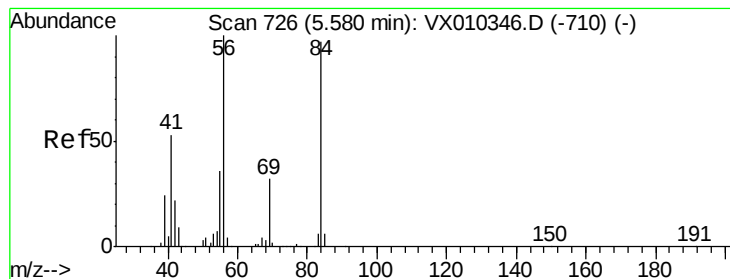
85 63.4 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 52.324 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

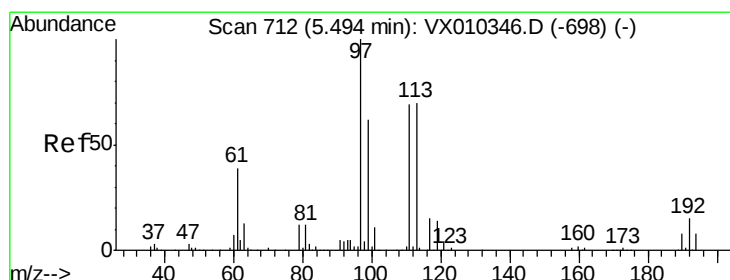
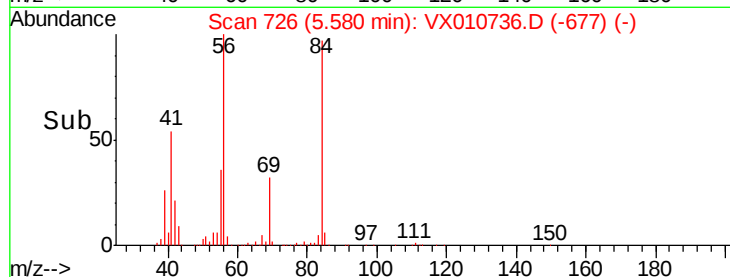
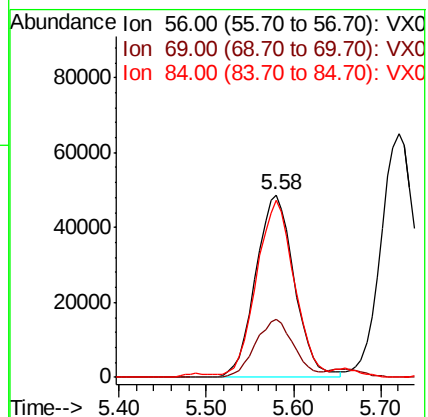
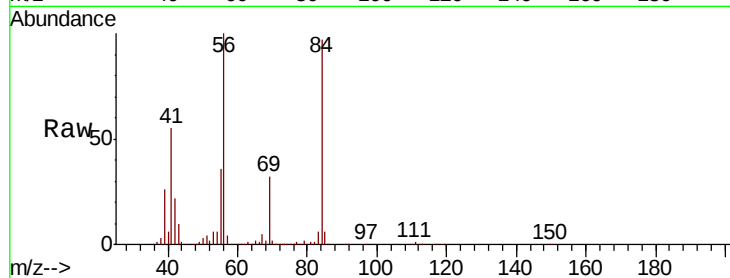
Tot Ion: 56 Resp: 149226

Ion Ratio Lower Upper

56 100

69 31.6 25.9 38.9

84 95.7 78.0 117.0



#32

1,1,1-Trichloroethane

Concen: 54.432 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

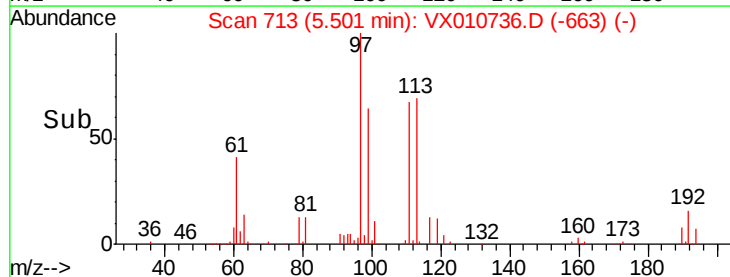
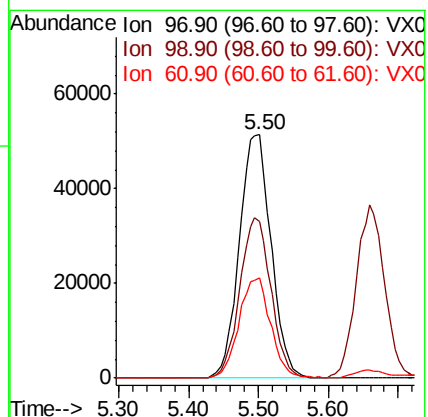
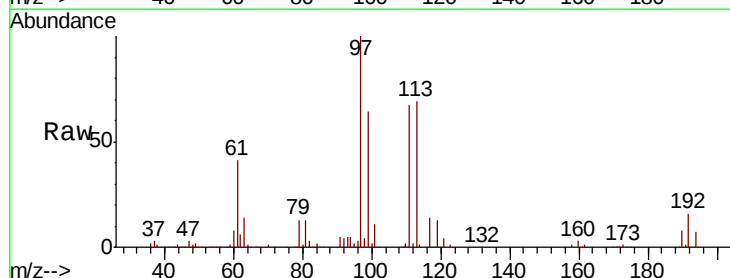
Tgt Ion: 97 Resp: 161957

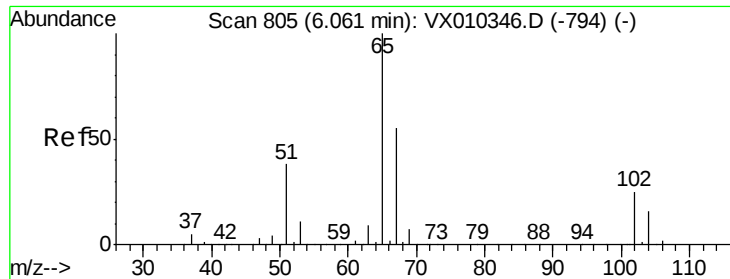
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.8

61 41.0 32.1 48.1

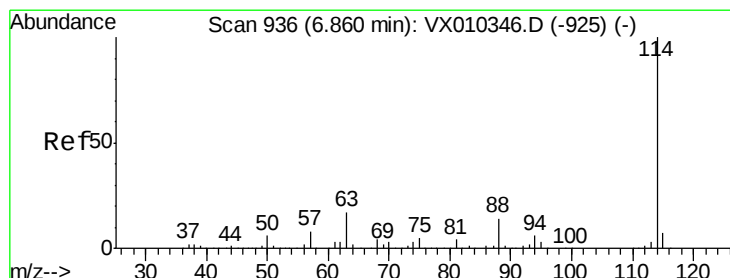
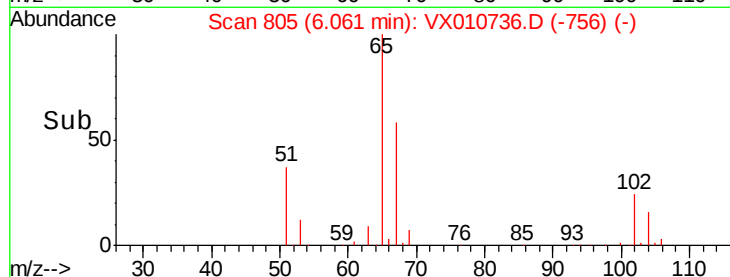
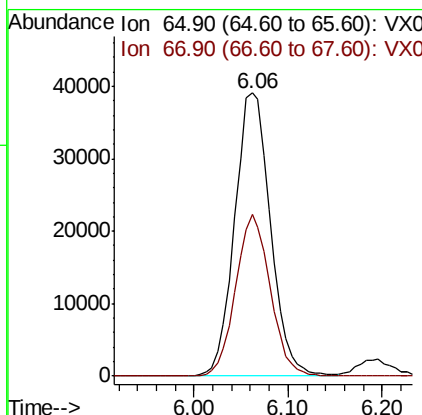
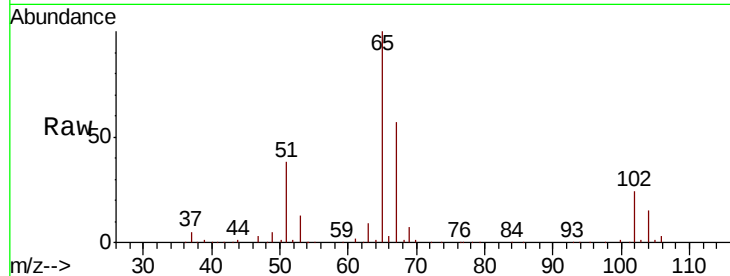




#33
 1,2-Dichloroethane-d4
 Concen: 52.701 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

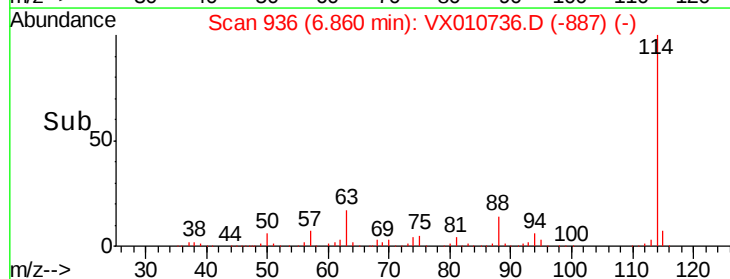
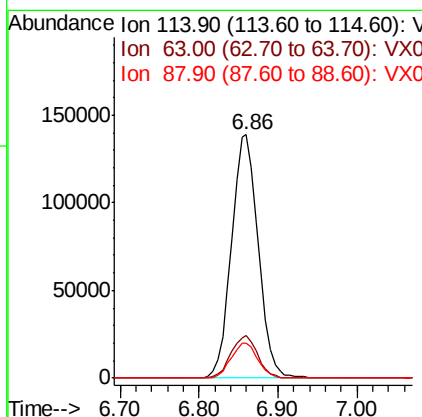
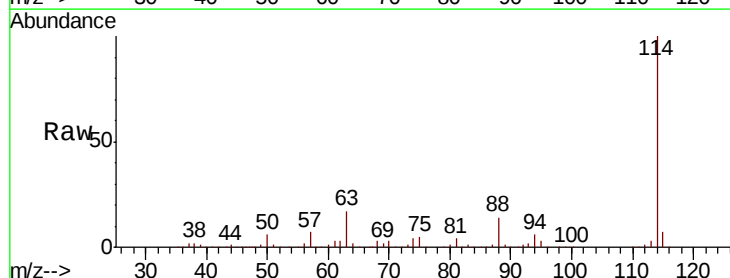
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

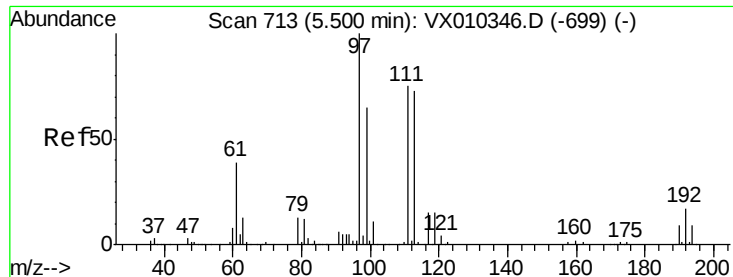
Tot Ion: 65 Resp: 104055
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion: 114 Resp: 326353
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.8
 88 14.4 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.868 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

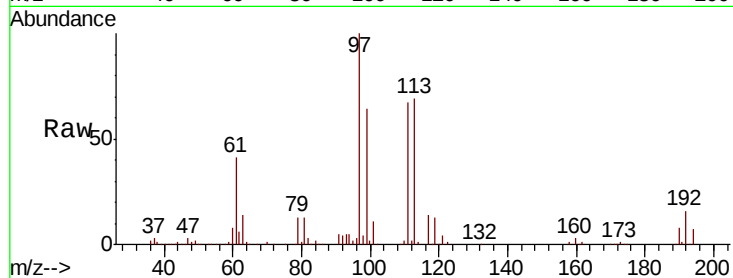
Tot Ion:113 Resp: 99573

Ion Ratio Lower Upper

113 100

111 102.1 81.2 121.8

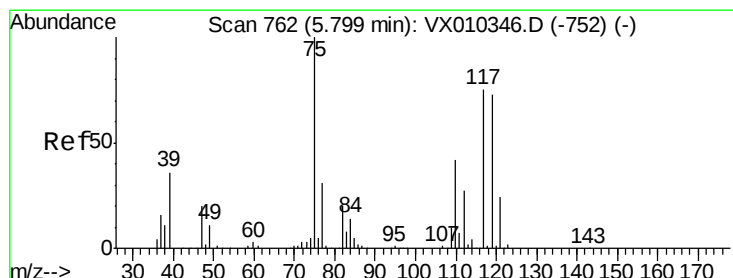
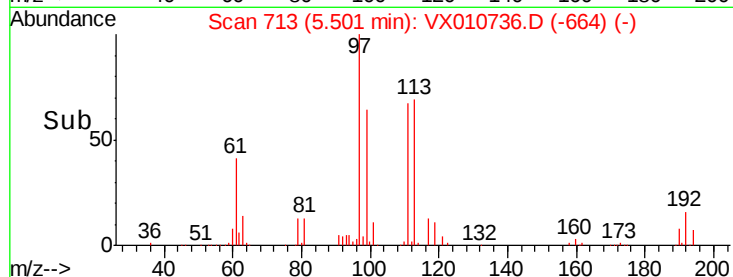
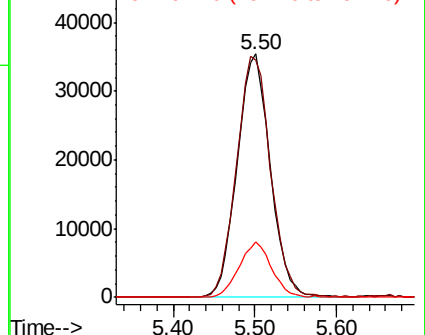
192 22.3 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.170 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

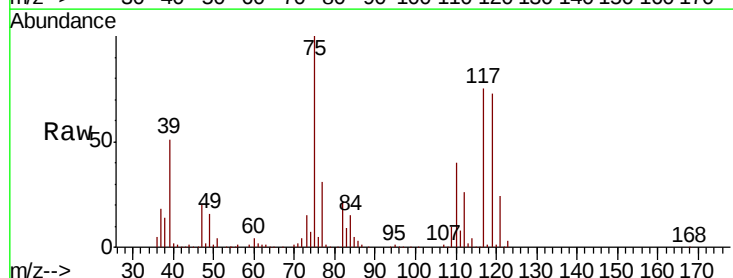
Tgt Ion: 75 Resp: 130111

Ion Ratio Lower Upper

75 100

110 40.8 20.8 62.2

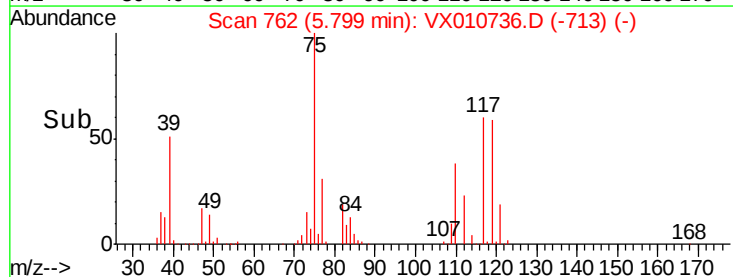
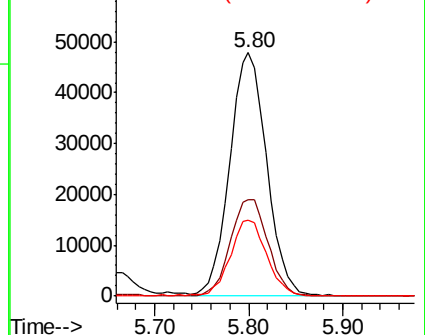
77 30.2 25.4 38.0

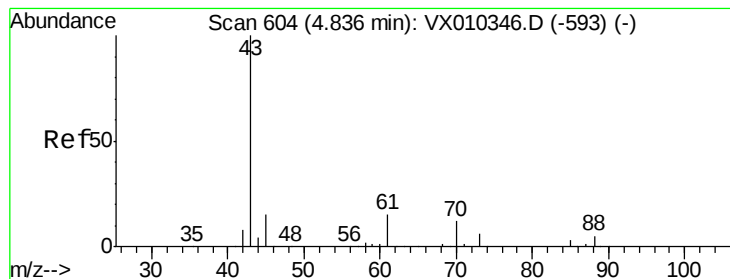


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 55.653 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

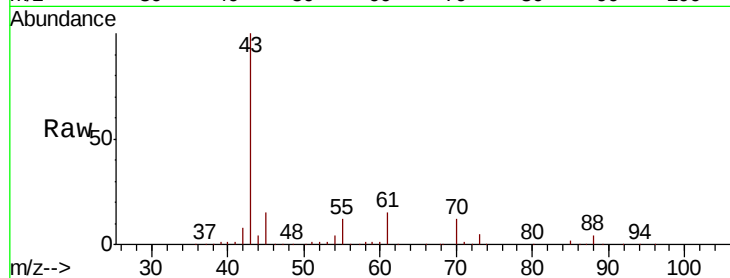
Tot Ion: 43 Resp: 148479

Ion Ratio Lower Upper

43 100

61 15.2 12.4 18.6

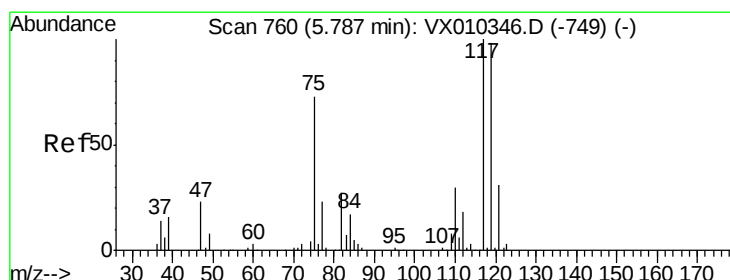
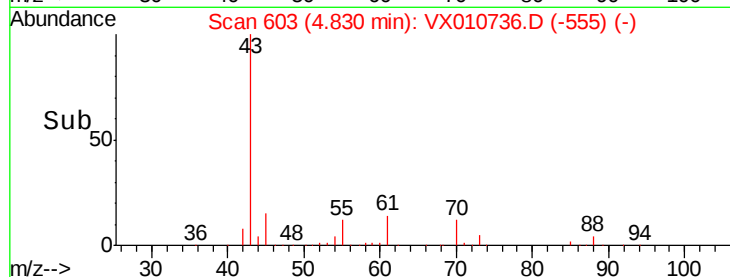
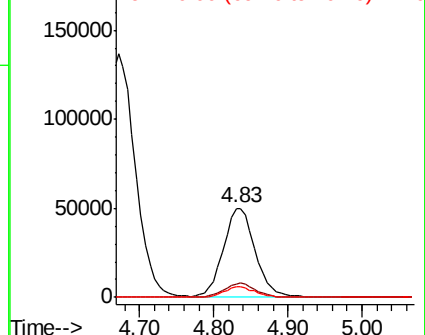
70 11.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 50.652 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

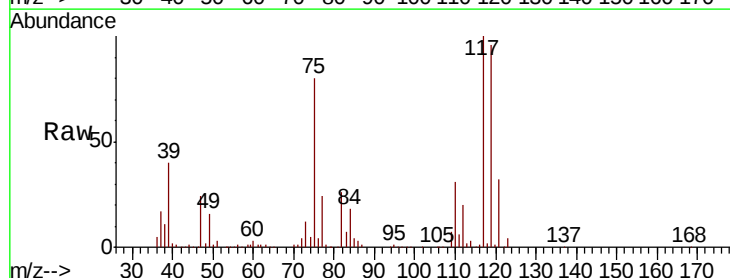
Tgt Ion: 117 Resp: 142244

Ion Ratio Lower Upper

117 100

119 95.7 78.2 117.4

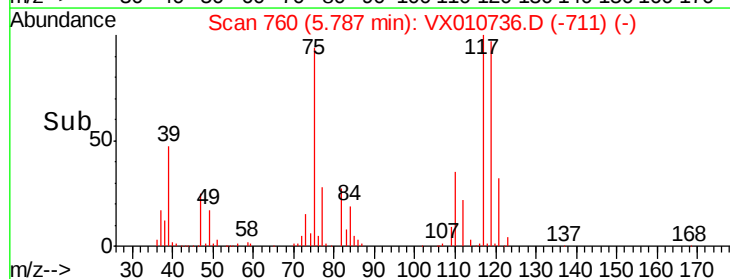
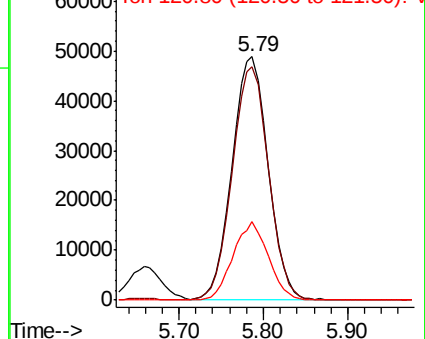
121 32.3 24.7 37.1

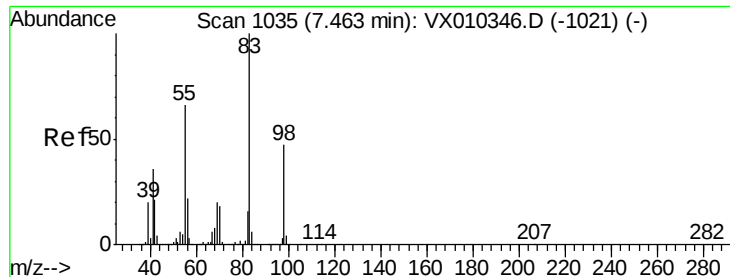


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

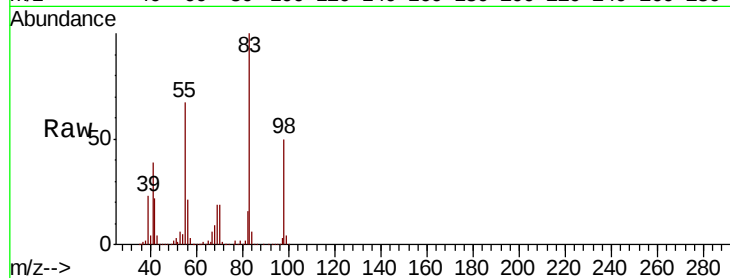




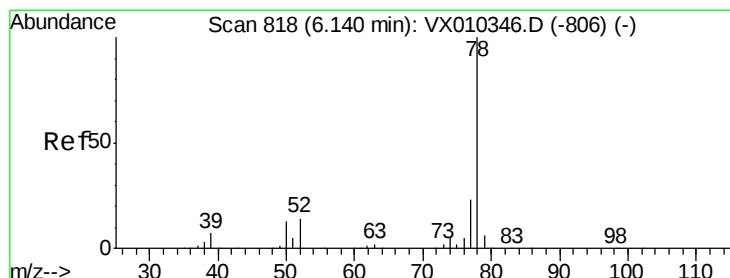
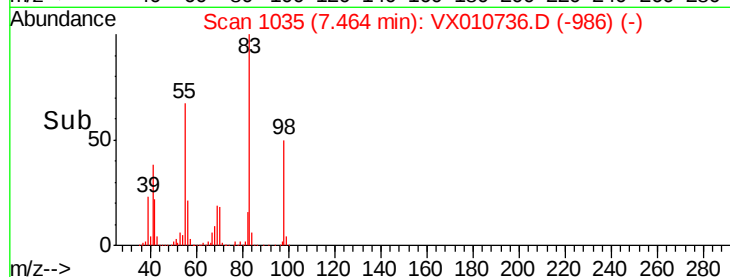
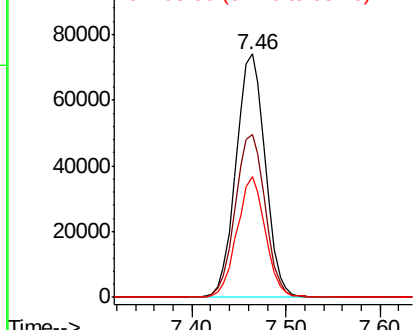
#39
Methvlcvclohexane
Concen: 47.096 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 160548
Ion Ratio Lower Upper
83 100
55 67.0 53.0 79.6
98 49.5 37.8 56.8

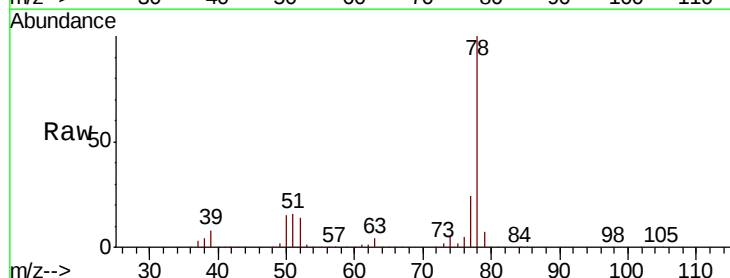


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

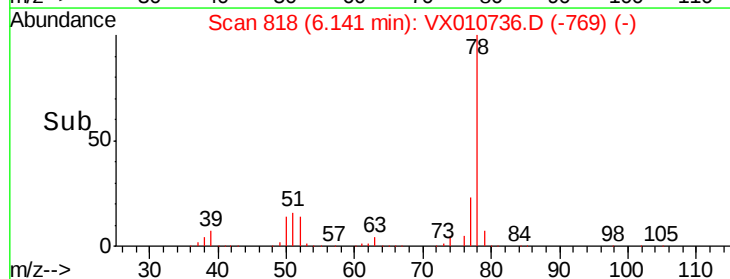
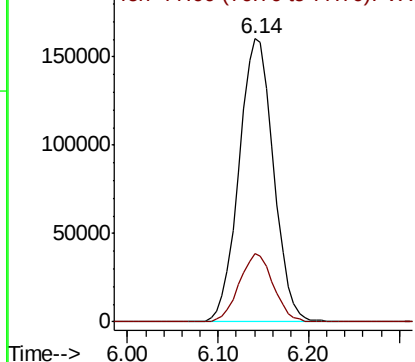


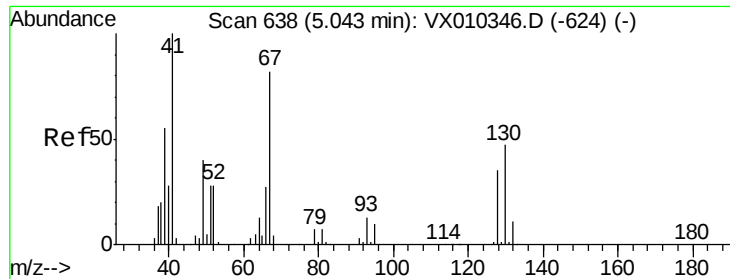
#40
Benzene
Concen: 52.265 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion: 78 Resp: 422282
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0



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

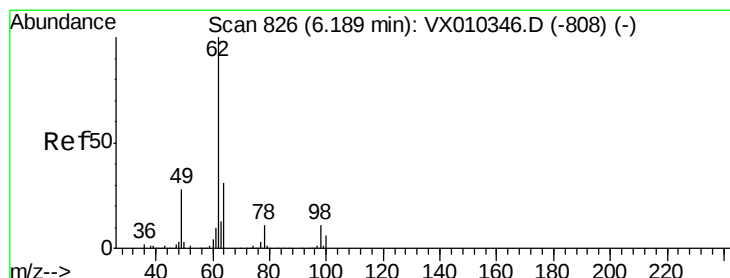
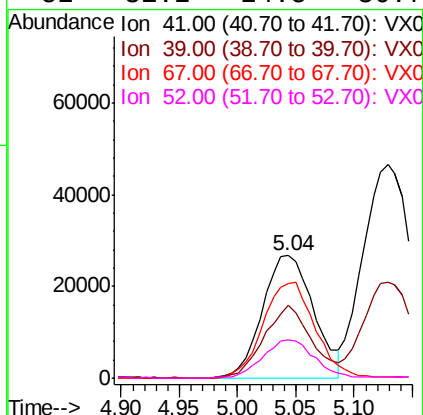
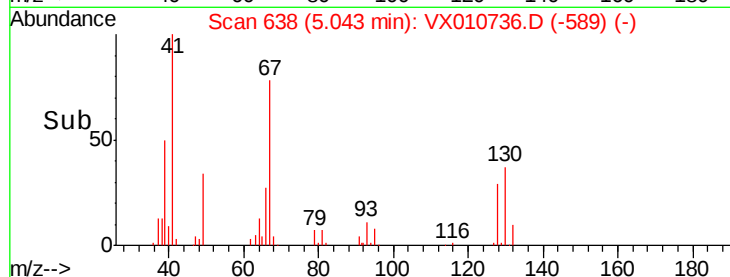
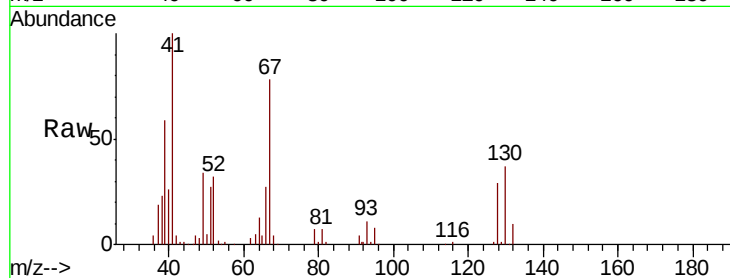




#41
Methacrylonitrile
Concen: 55.526 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

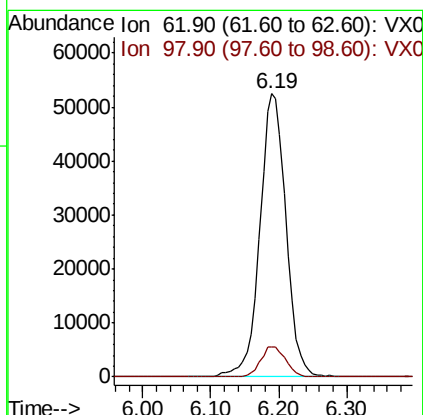
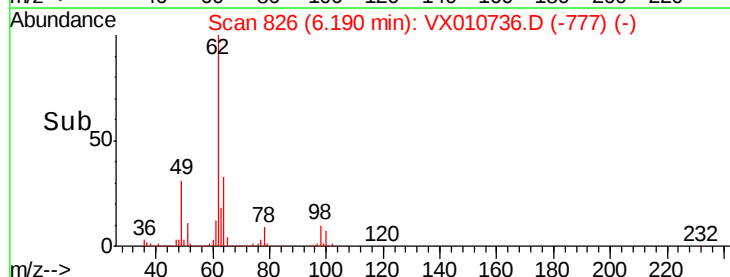
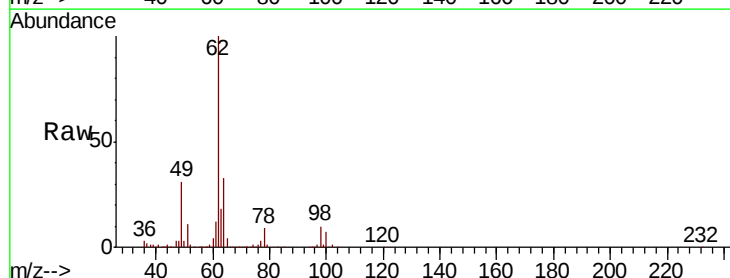
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

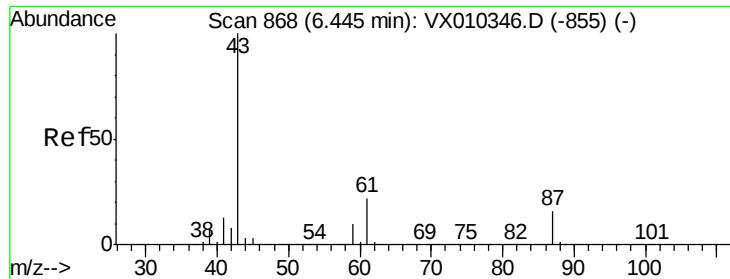
Tot Ion: 41 Resp: 81283
Ion Ratio Lower Upper
41 100
39 54.6 43.8 65.8
67 80.0 66.6 100.0
52 31.2 24.5 36.7



#42
1,2-Dichloroethane
Concen: 57.355 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion: 62 Resp: 141061
Ion Ratio Lower Upper
62 100
98 10.3 0.0 22.2





#43

Isopropyl Acetate

Concen: 54.592 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

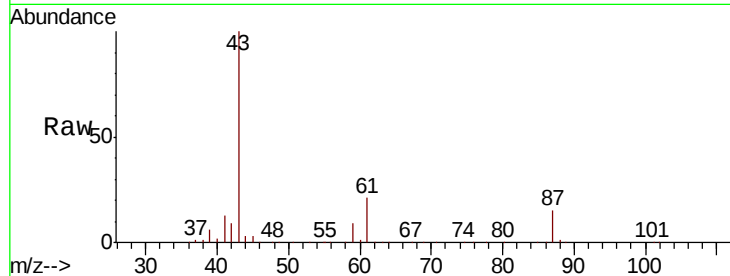
Tot Ion: 43 Resp: 240973

Ion Ratio Lower Upper

43 100

61 21.1 17.8 26.6

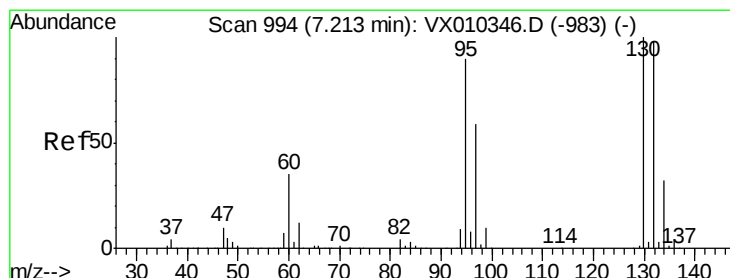
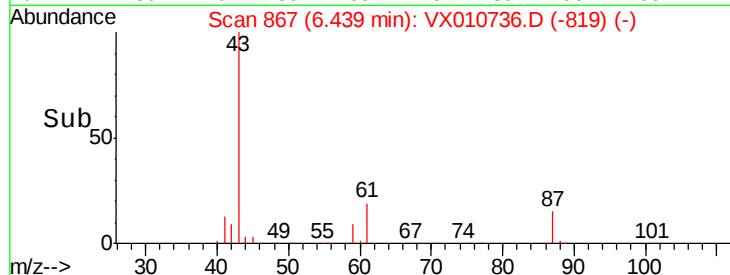
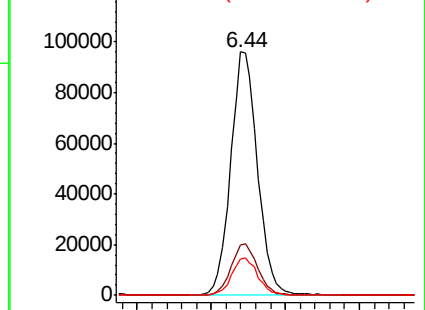
87 15.1 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.614 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010736.D

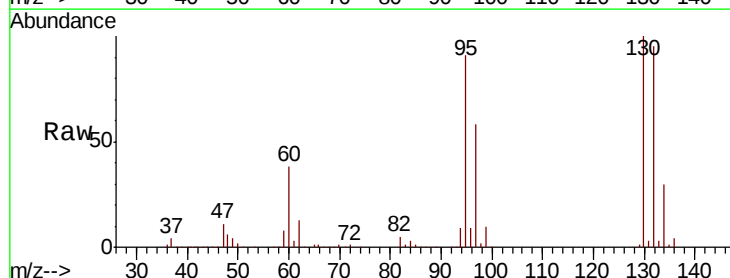
Acq: 09 Jul 2019 07:47

Tgt Ion:130 Resp: 119948

Ion Ratio Lower Upper

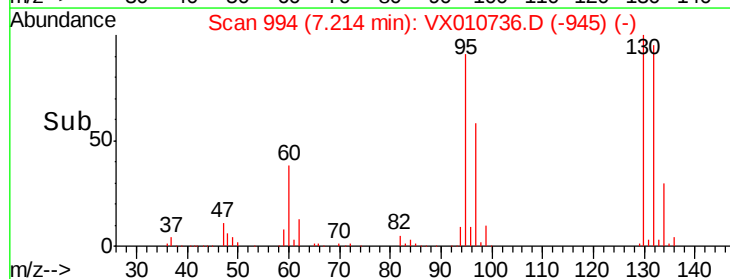
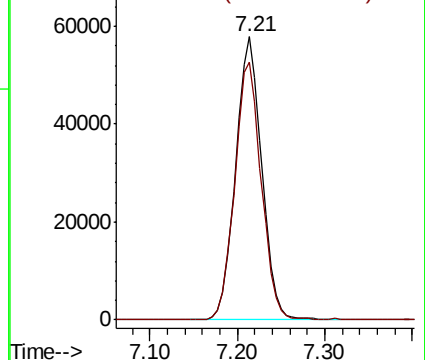
130 100

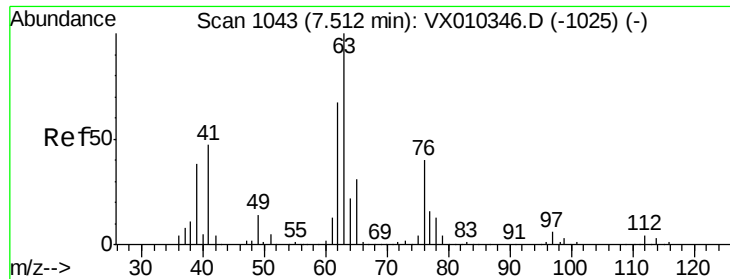
95 91.1 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

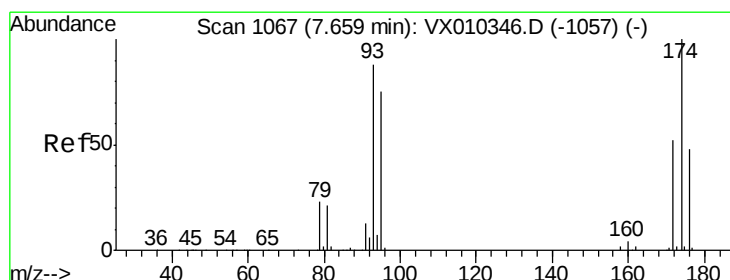
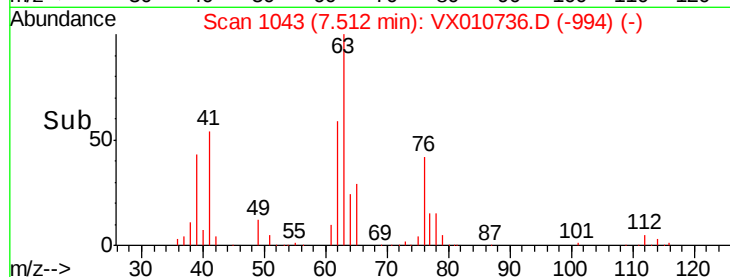
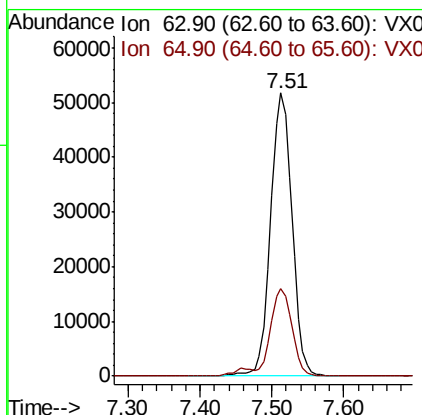
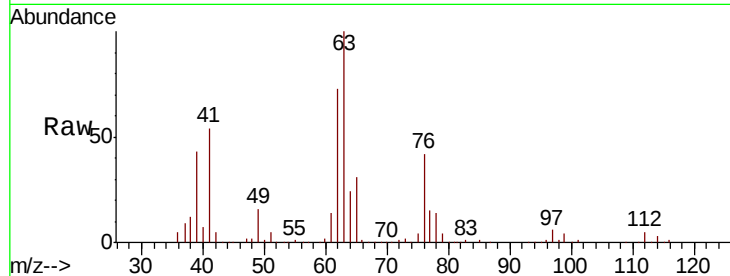




#45
 1,2-Dichloropropane
 Concen: 52.498 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

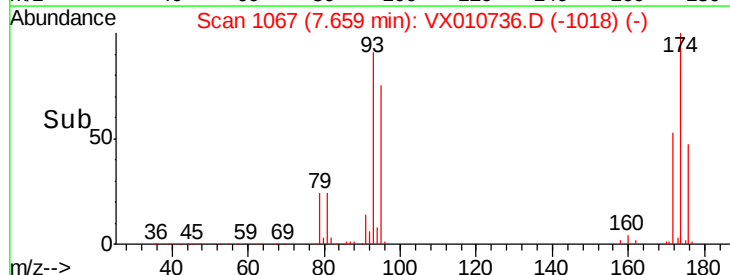
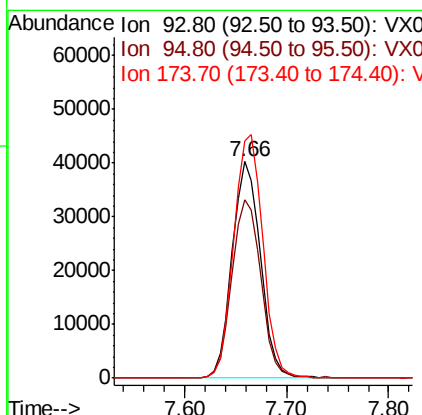
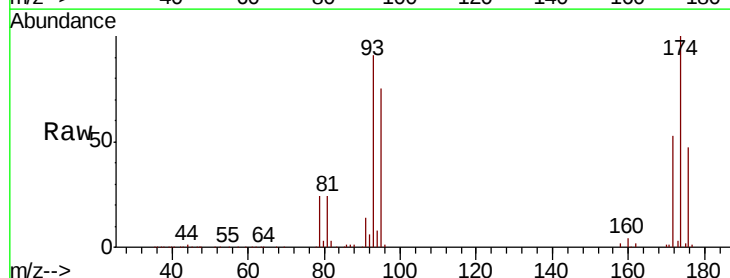
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

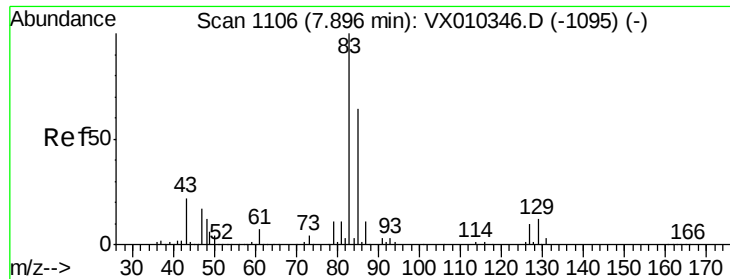
Tot Ion: 63 Resp: 107113
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.8 37.2



#46
 Dibromomethane
 Concen: 52.895 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion: 93 Resp: 77432
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.5 101.3
 174 115.7 95.8 143.6





#47

Bromodichloromethane

Concen: 52.534 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

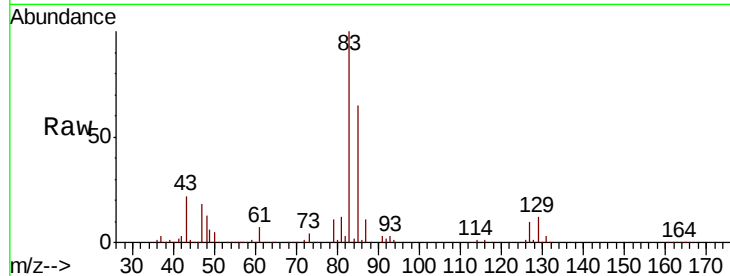
Tot Ion: 83 Resp: 140935

Ion Ratio Lower Upper

83 100

85 65.3 51.5 77.3

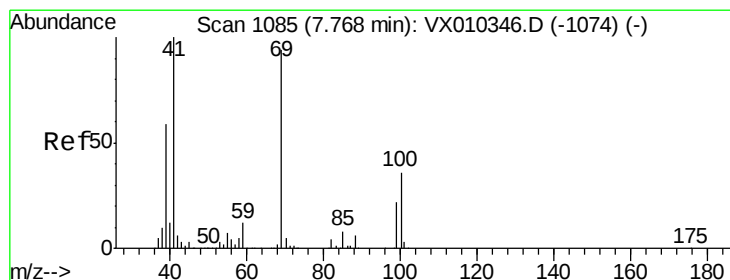
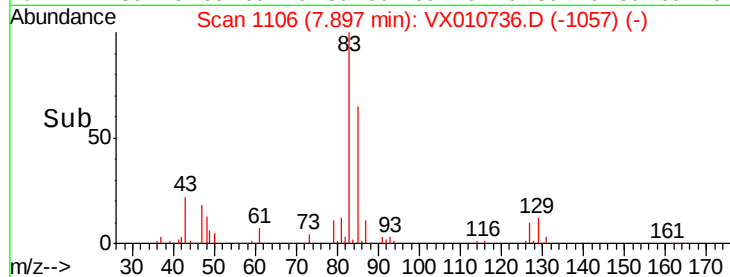
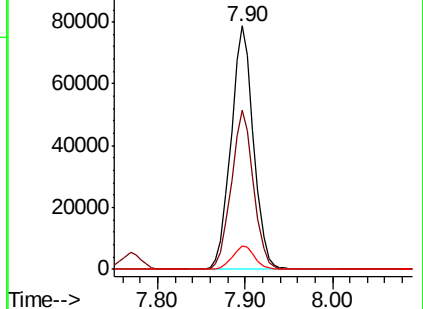
127 9.6 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.615 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

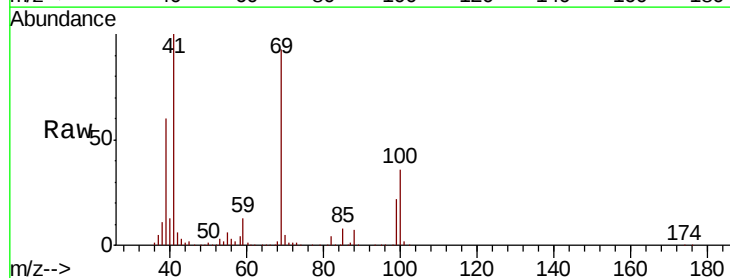
Tgt Ion: 41 Resp: 116160

Ion Ratio Lower Upper

41 100

69 91.5 76.1 114.1

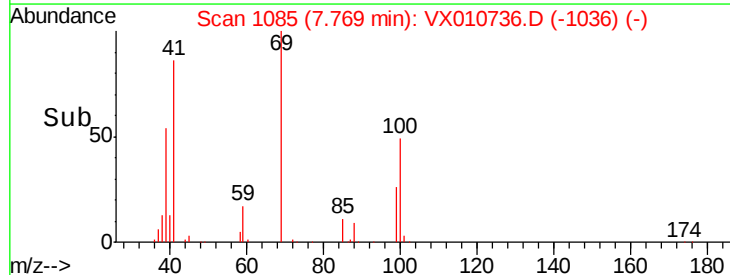
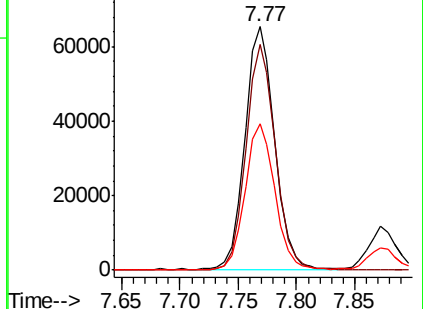
39 60.0 47.6 71.4

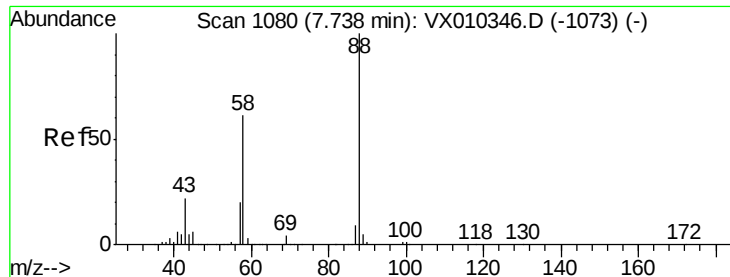


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

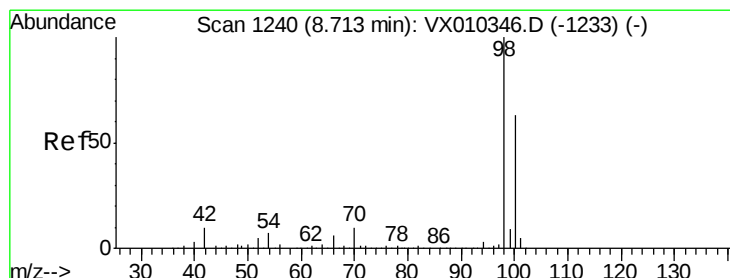
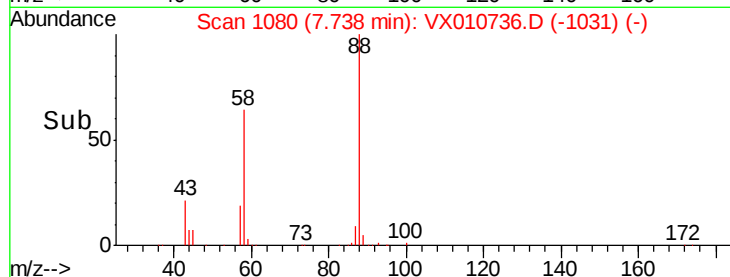
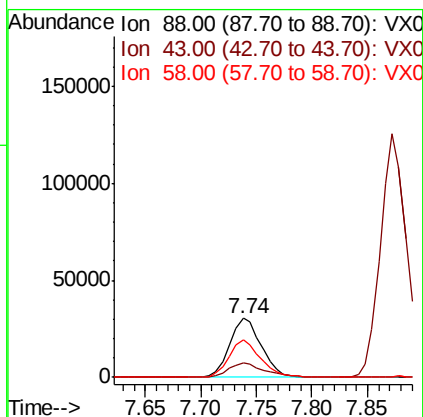
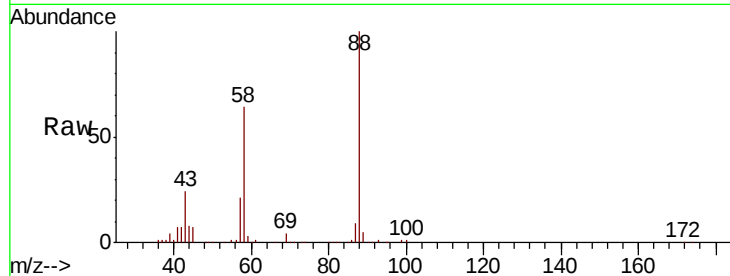




#49
 1,4-Dioxane
 Concen: 1008.219 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

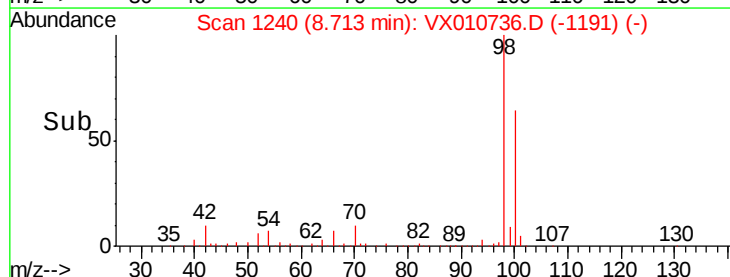
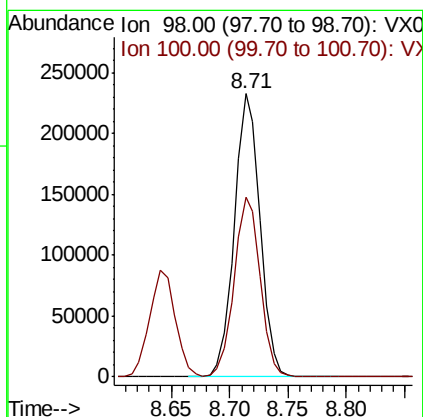
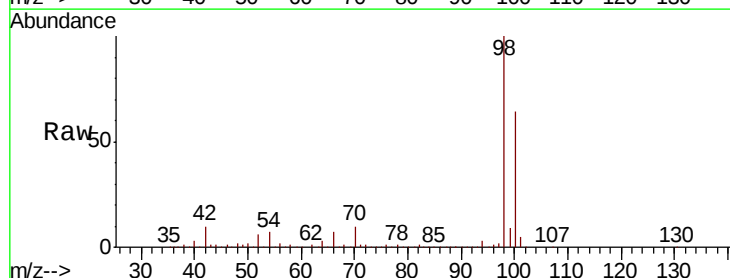
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

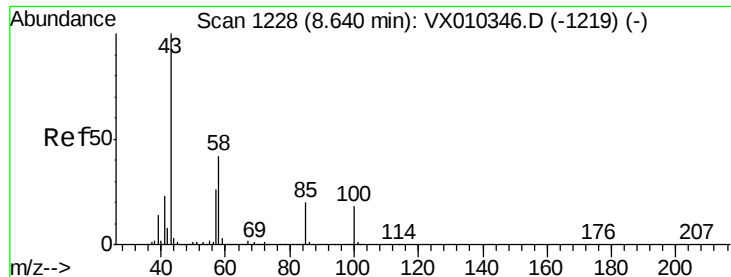
Tot Ion: 88 Resp: 59591
 Ion Ratio Lower Upper
 88 100
 43 28.5 20.2 30.2
 58 63.0 49.5 74.3



#50
 Toluene-d8
 Concen: 46.738 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion: 98 Resp: 357037
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.6 77.4

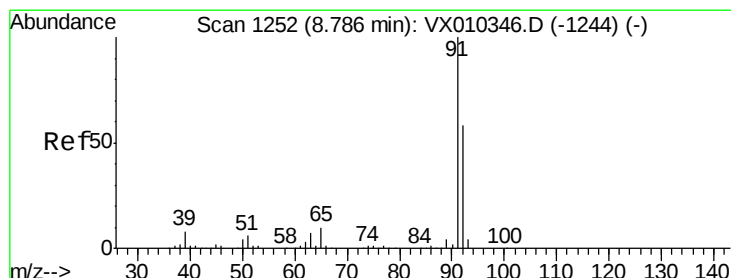
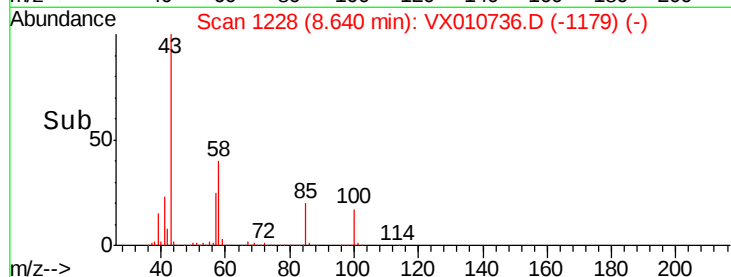
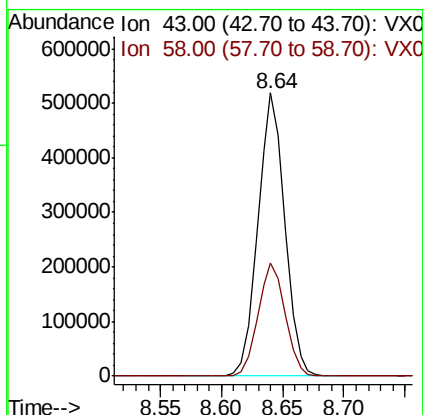
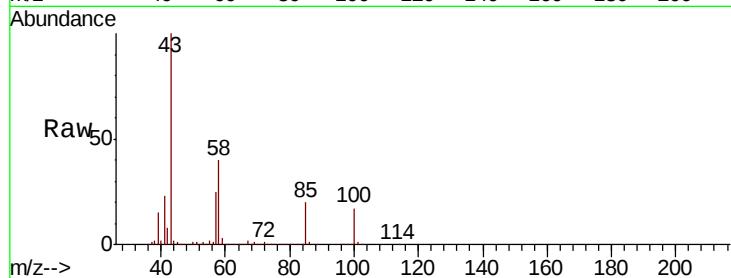




#51
 4-Methyl-2-Pentanone
 Concen: 280.825 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

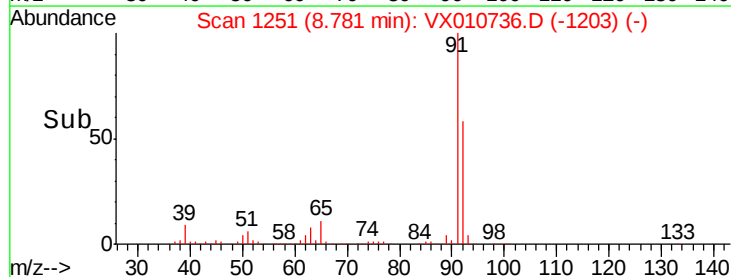
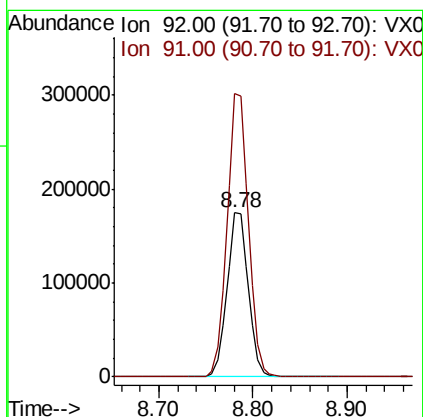
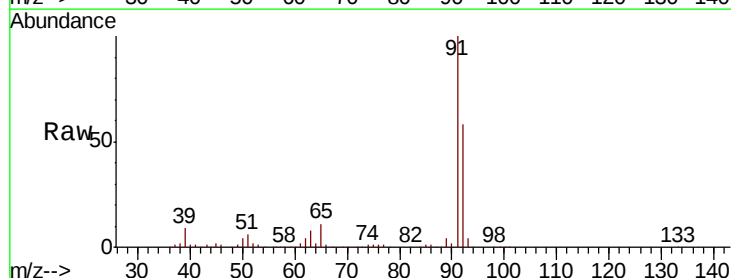
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

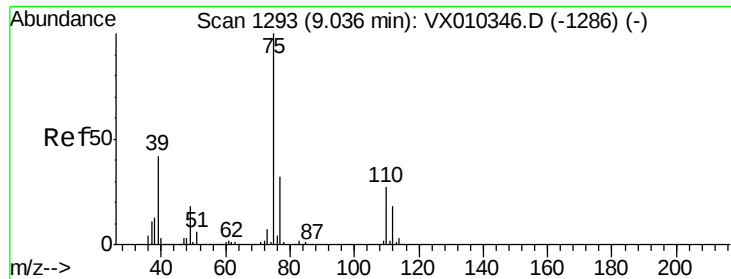
Tot Ion: 43 Resp: 792794
 Ion Ratio Lower Upper
 43 100
 58 40.6 33.5 50.3



#52
 Toluene
 Concen: 51.220 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion: 92 Resp: 272526
 Ion Ratio Lower Upper
 92 100
 91 173.2 139.8 209.6

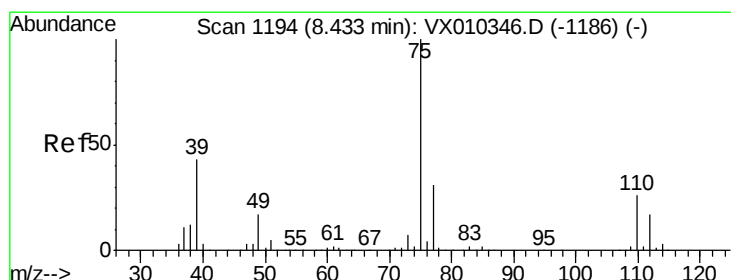
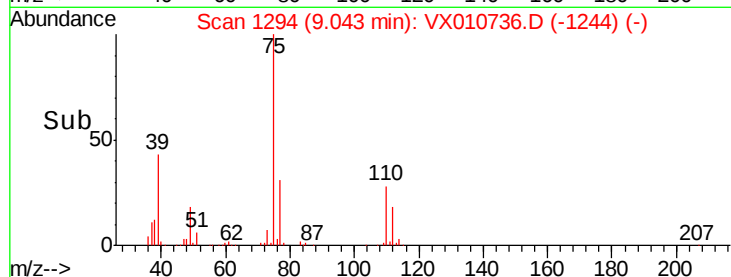
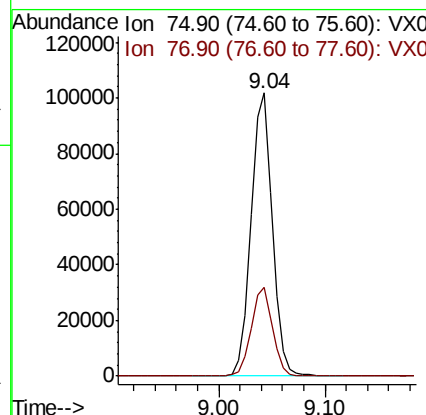
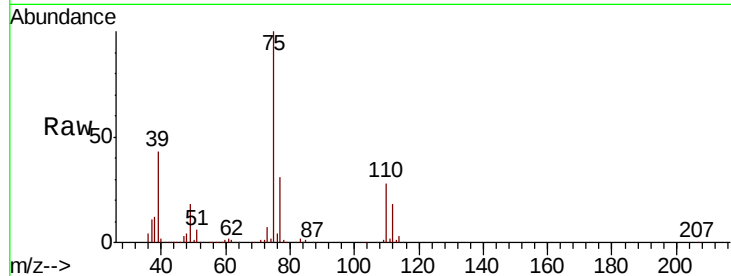




#53
 t-1,3-Dichloropropene
 Concen: 47.496 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

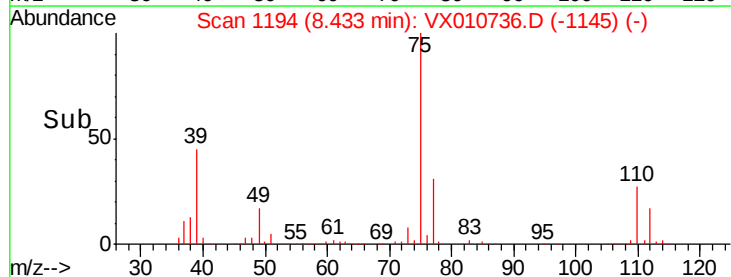
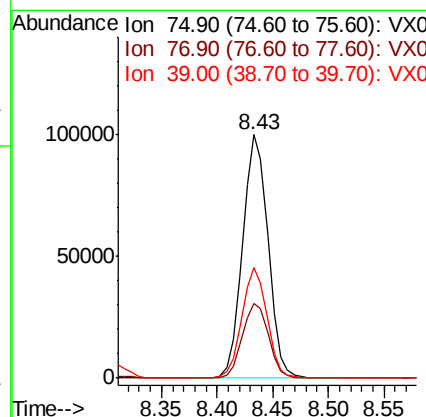
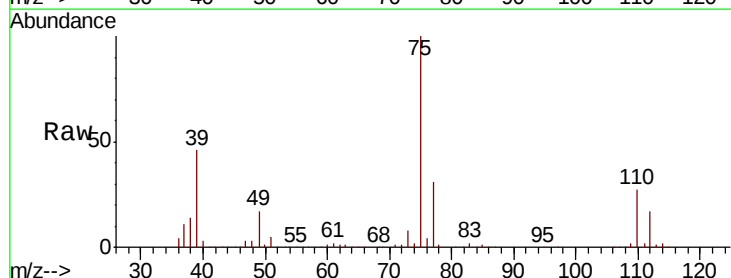
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

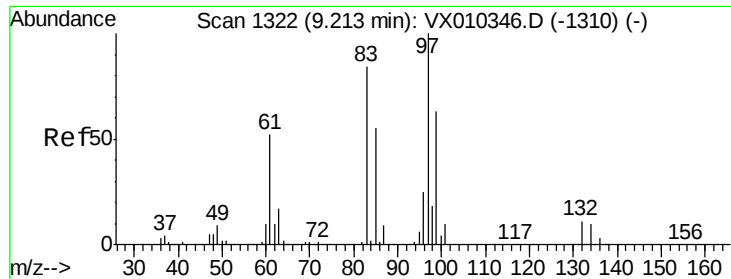
Tot Ion: 75 Resp: 142856
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.434 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion: 75 Resp: 158309
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8
 39 45.4 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 52.908 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 116100

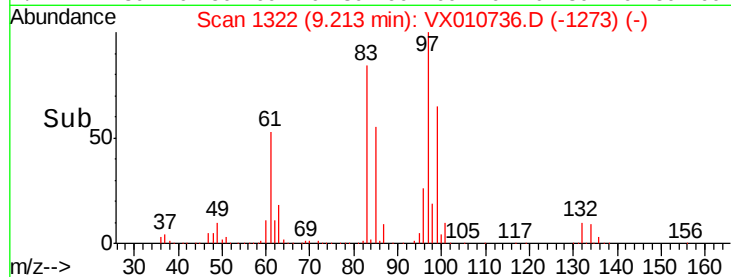
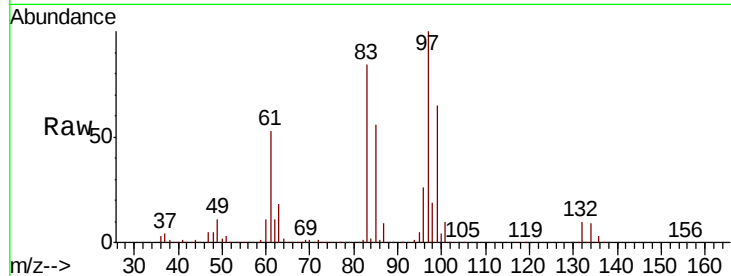
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.4	101.0
85	55.6	43.8	65.8
99	65.0	50.3	75.5

97 100

83 83.6 67.4 101.0

85 55.6 43.8 65.8

99 65.0 50.3 75.5

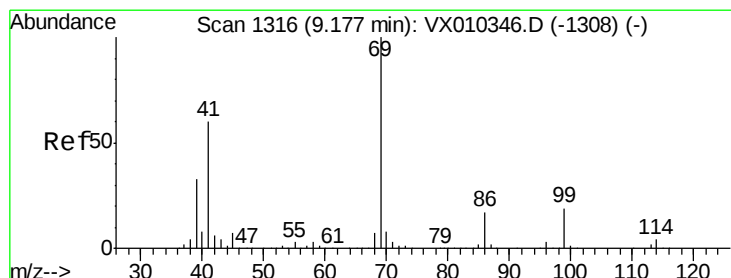
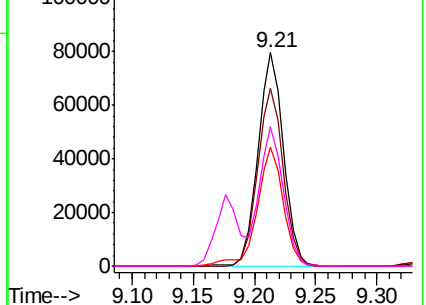


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 54.202 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

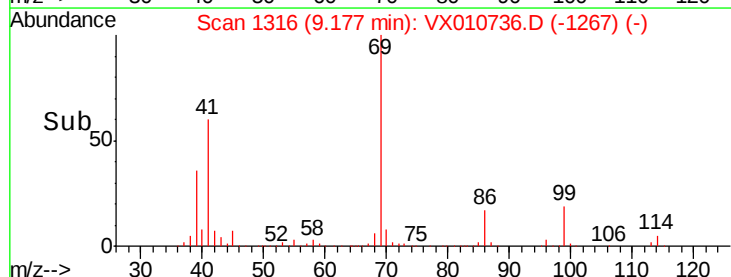
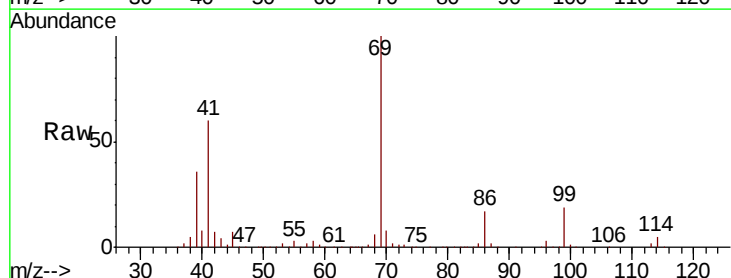
Tgt Ion: 69 Resp: 180178

Ion	Ratio	Lower	Upper
69	100		
41	60.3	47.1	70.7
39	36.7	26.6	40.0

69 100

41 60.3 47.1 70.7

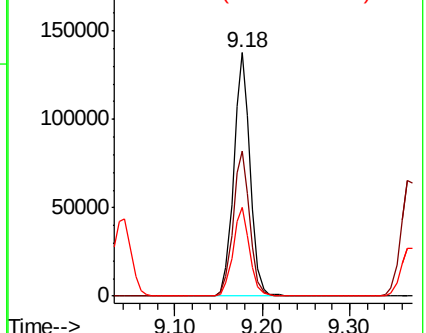
39 36.7 26.6 40.0

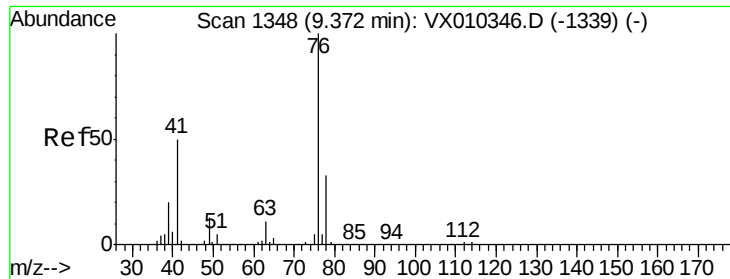


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

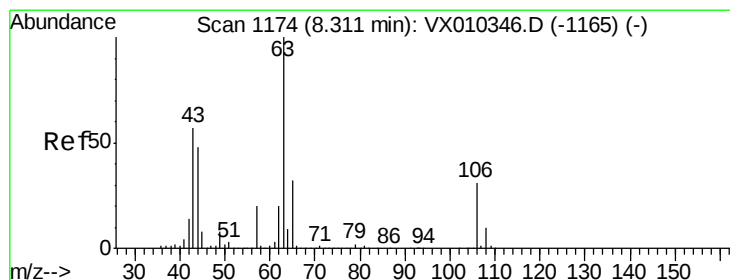
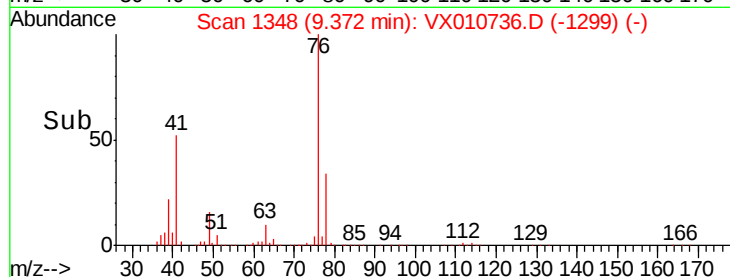
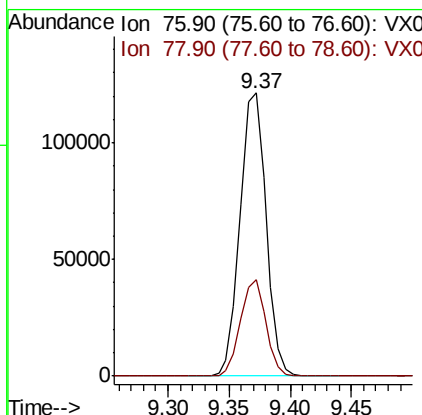
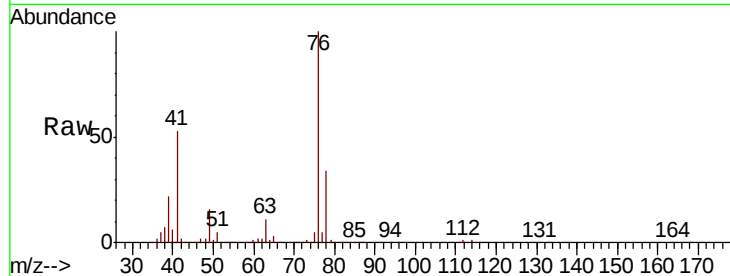




#57
 1,3-Dichloropropane
 Concen: 52.668 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

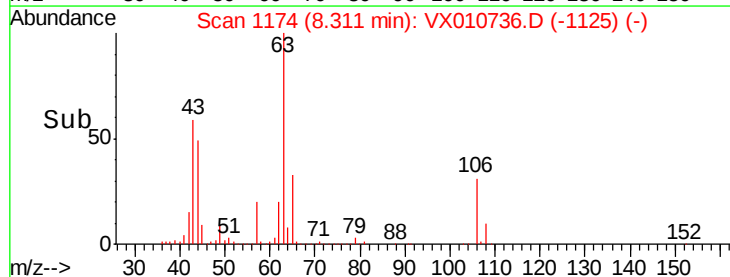
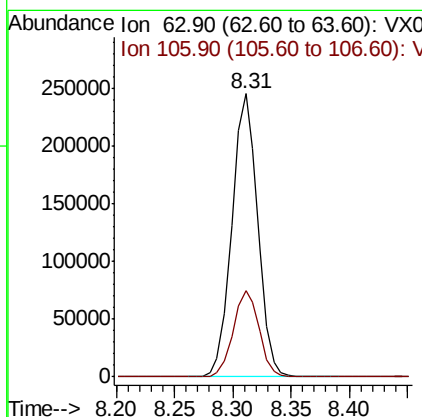
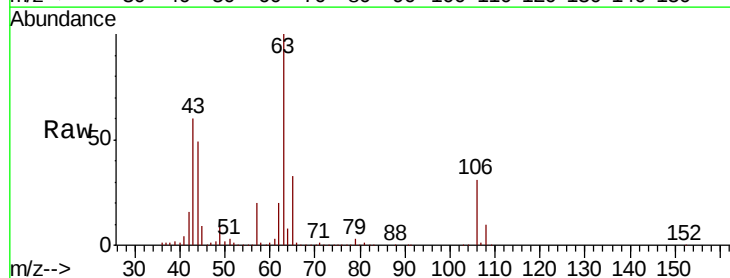
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

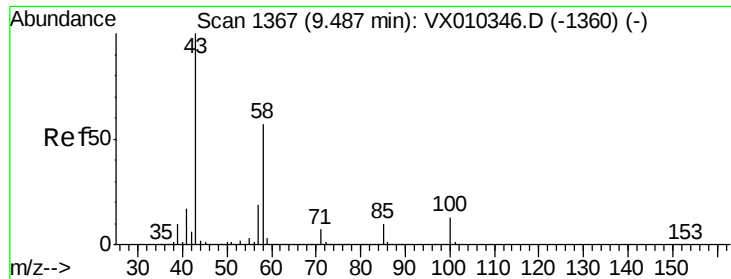
Tot Ion: 76 Resp: 179406
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.913 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion: 63 Resp: 378762
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.7 37.1

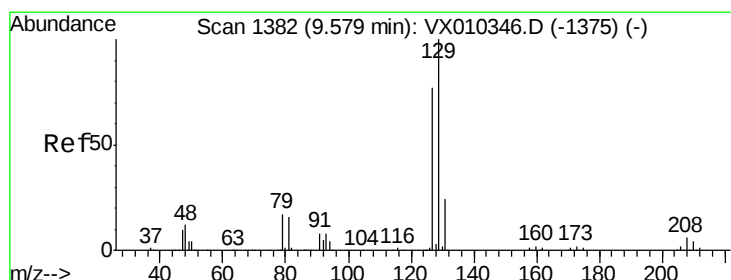
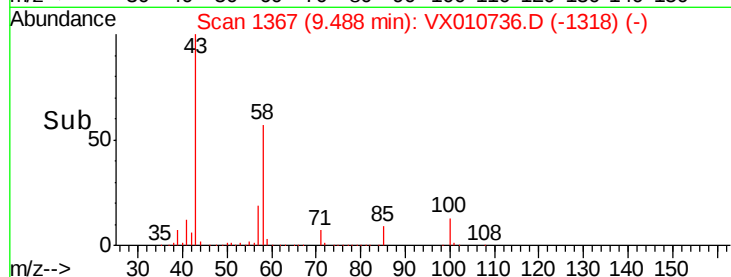
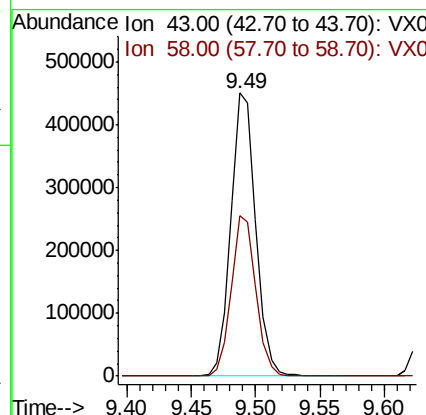
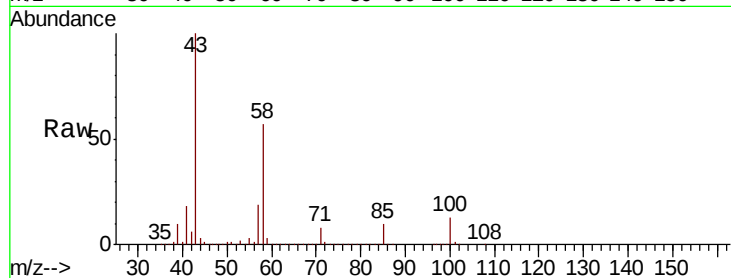




#59
2-Hexanone
Concen: 275.586 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

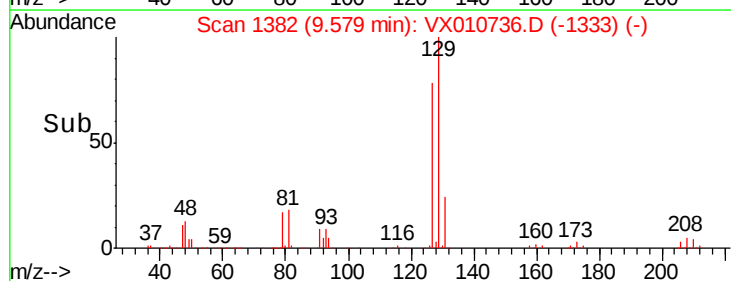
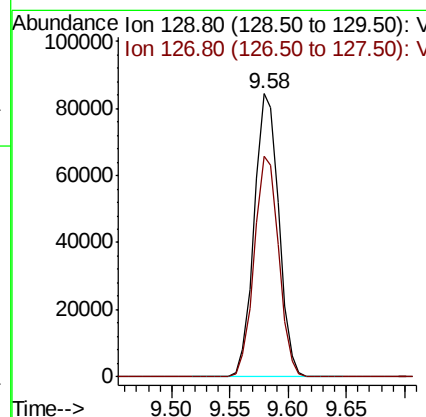
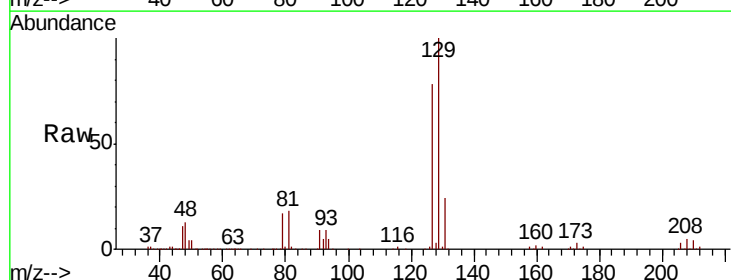
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

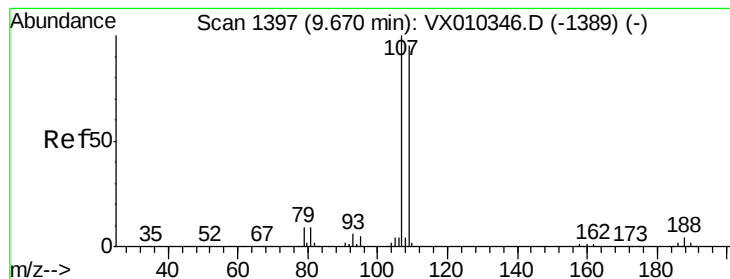
Tot Ion: 43 Resp: 612317
Ion Ratio Lower Upper
43 100
58 56.2 29.0 87.1



#60
Dibromochloromethane
Concen: 50.920 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion: 129 Resp: 125109
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.975 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

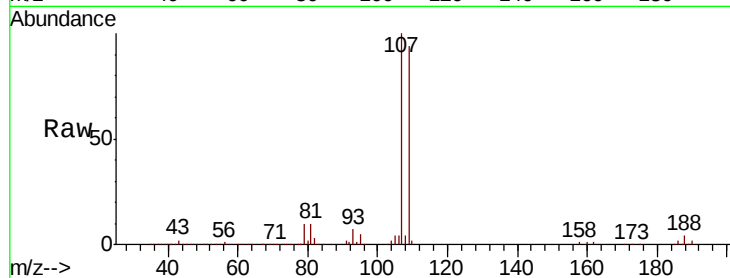
VSTDCCC050EC

Tot Ion:107 Resp: 125474

Ion Ratio Lower Upper

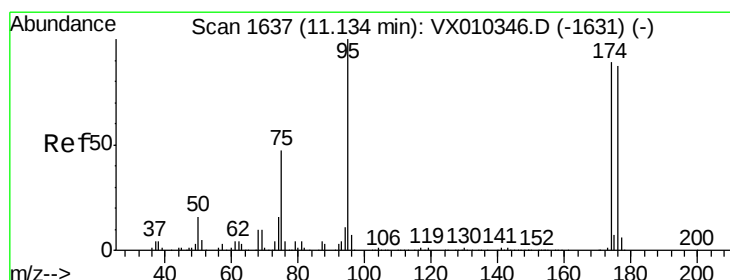
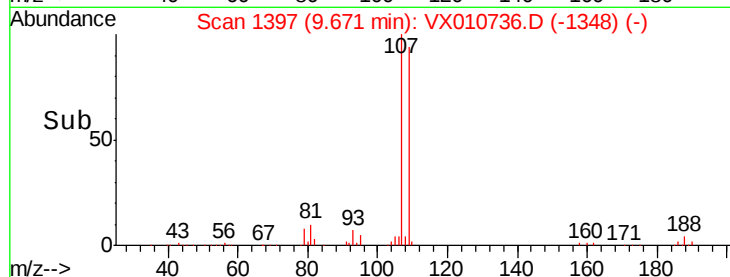
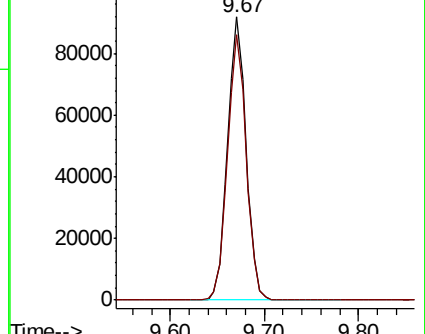
107 100

109 94.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.943 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

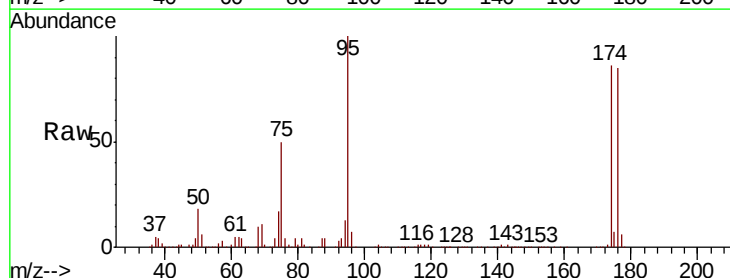
Tgt Ion: 95 Resp: 134982

Ion Ratio Lower Upper

95 100

174 93.0 0.0 187.6

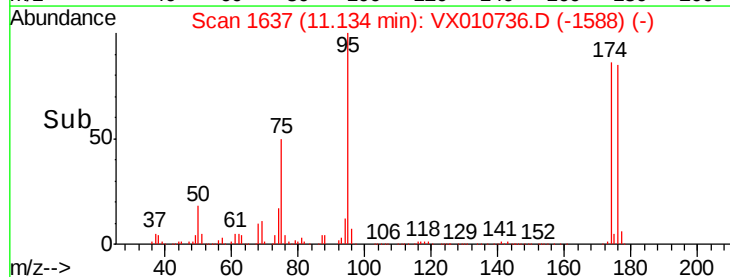
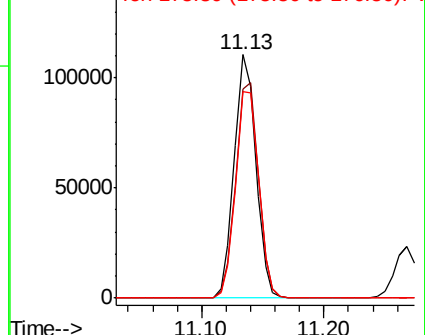
176 90.3 0.0 184.0

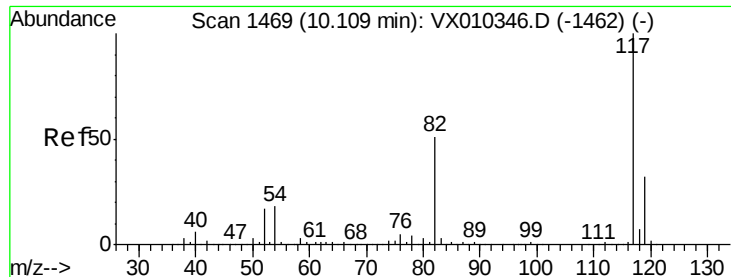


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

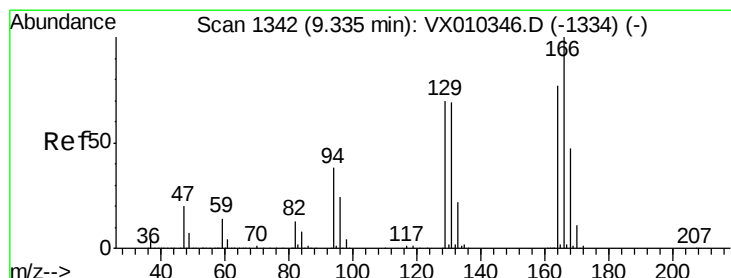
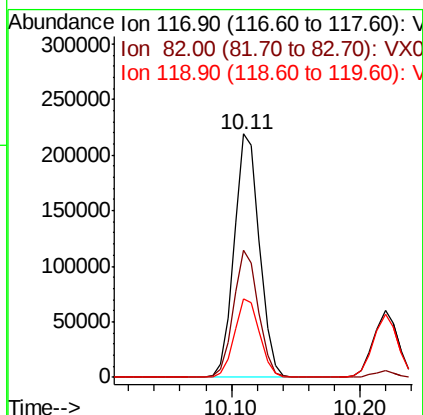
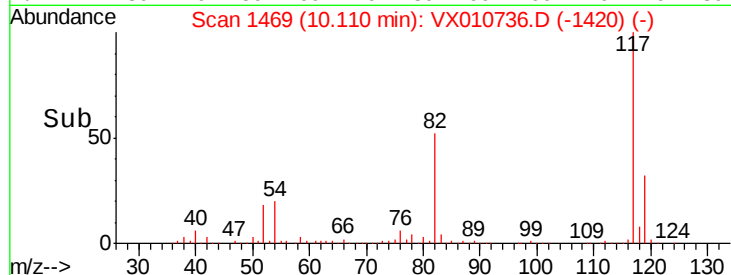
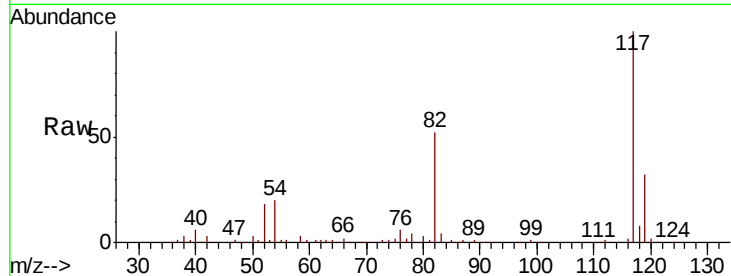




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

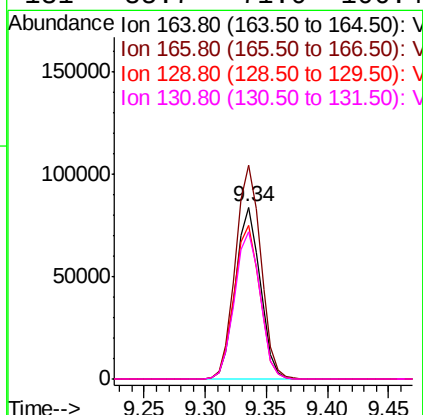
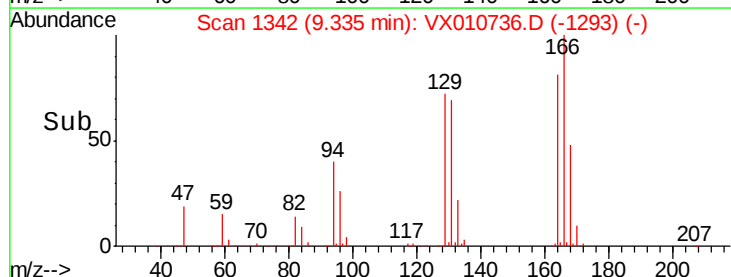
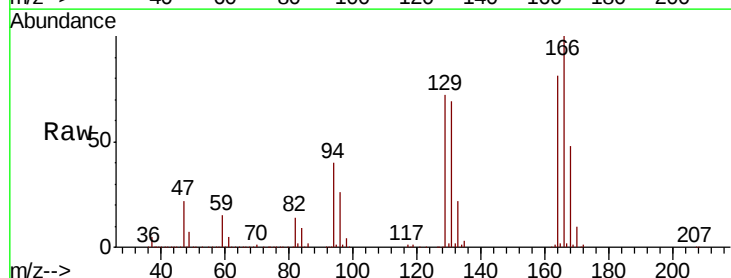
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

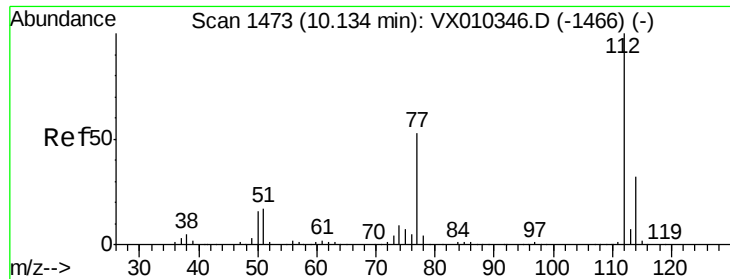
Tot Ion:117 Resp: 298789
Ion Ratio Lower Upper
117 100
82 52.4 41.2 61.8
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 48.503 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion:164 Resp: 117217
Ion Ratio Lower Upper
164 100
166 124.1 103.6 155.4
129 89.5 73.0 109.4
131 85.7 71.0 106.4

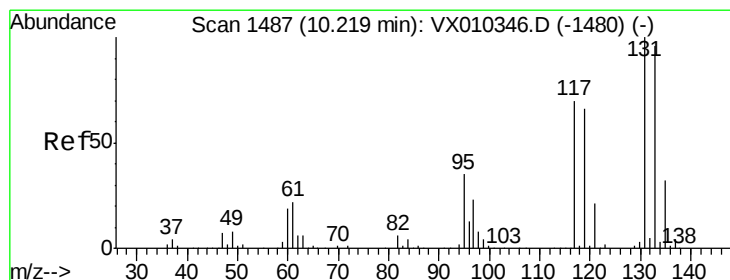
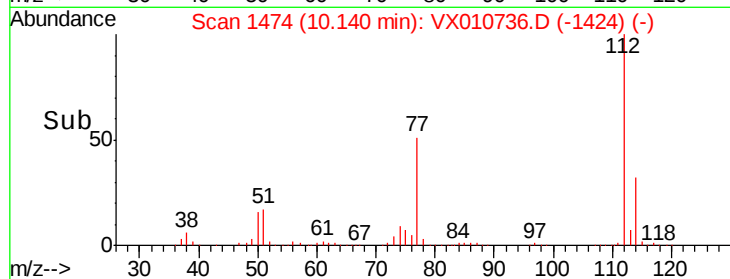
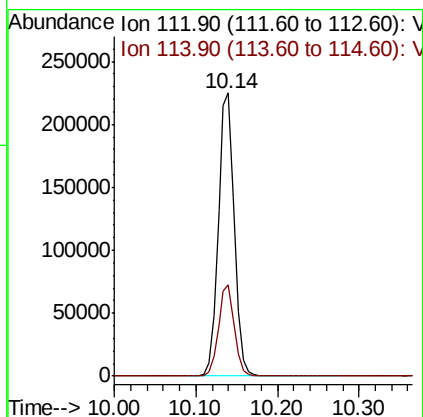
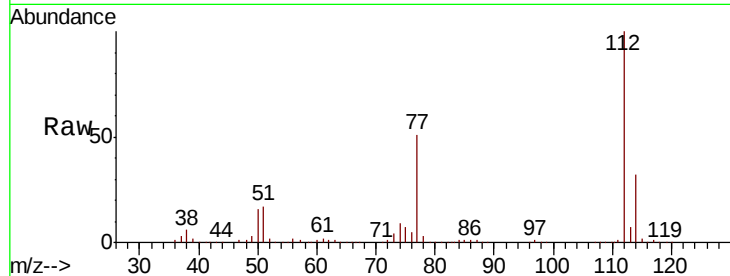




#65
Chlorobenzene
Concen: 51.072 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

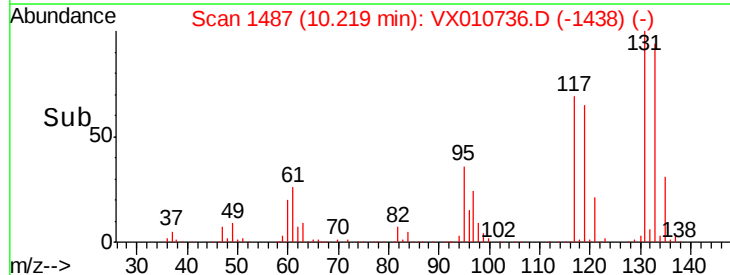
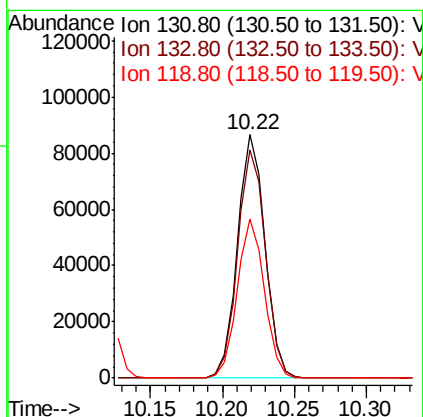
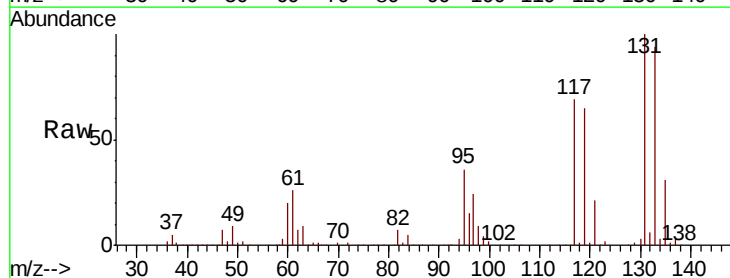
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

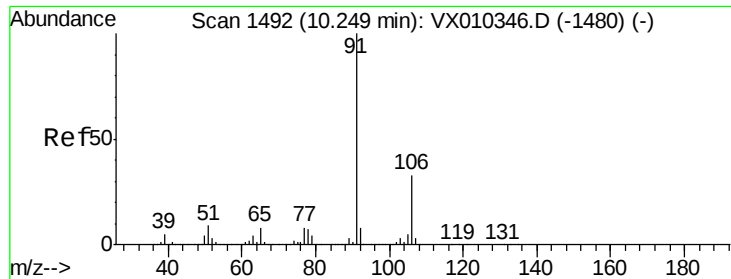
Tot Ion:112 Resp: 309805
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.087 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion:131 Resp: 115088
Ion Ratio Lower Upper
131 100
133 95.0 47.7 143.1
119 64.8 32.6 97.7

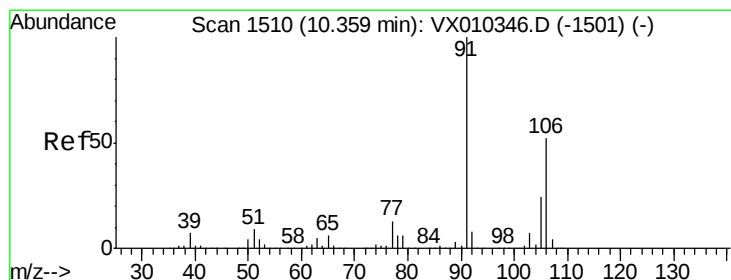
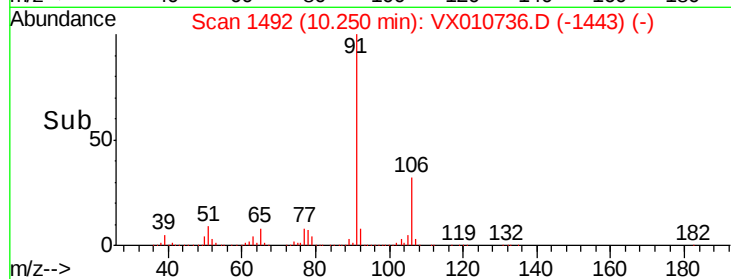
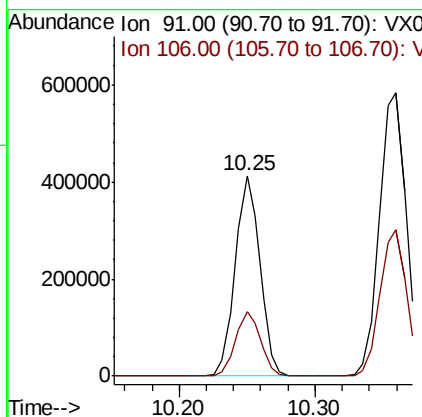
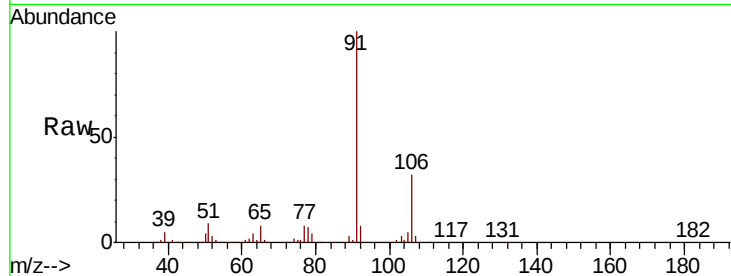




#67
Ethyl Benzene
Concen: 50.962 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

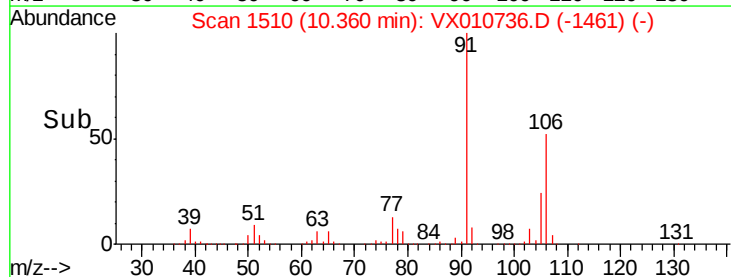
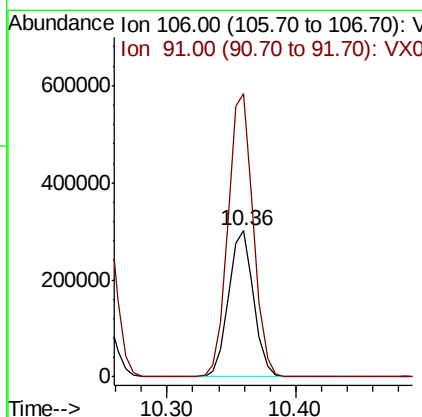
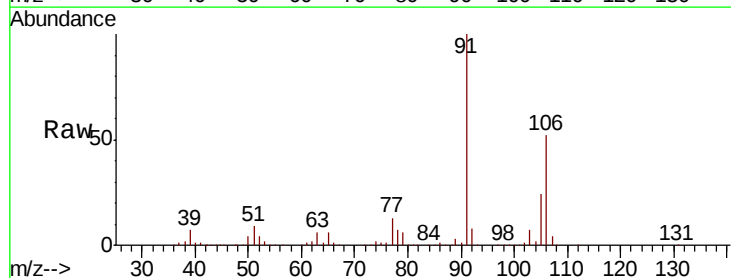
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

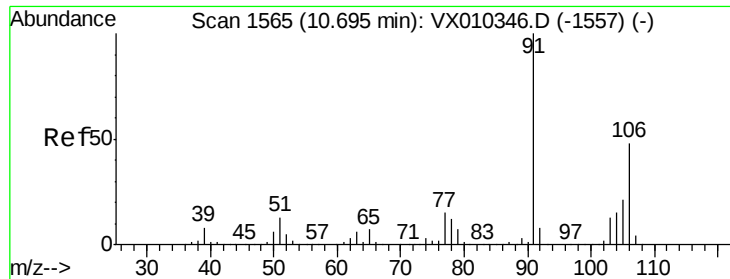
Tot Ion: 91 Resp: 521886
Ion Ratio Lower Upper
91 100
106 32.1 26.2 39.2



#68
m/p-Xylenes
Concen: 103.099 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion: 106 Resp: 409100
Ion Ratio Lower Upper
106 100
91 196.0 155.3 232.9

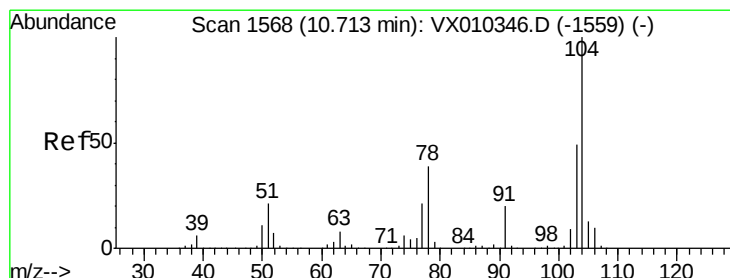
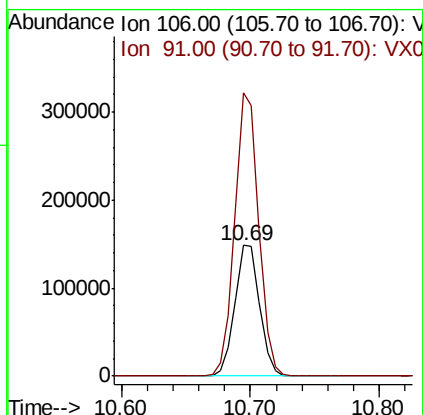
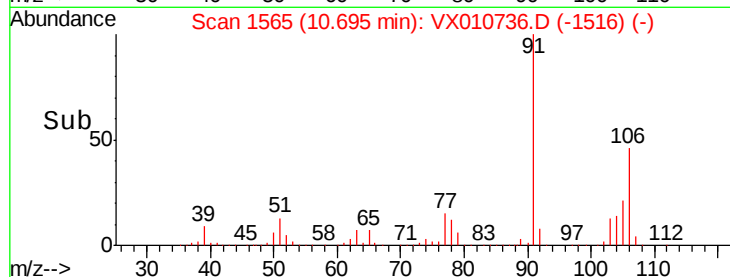
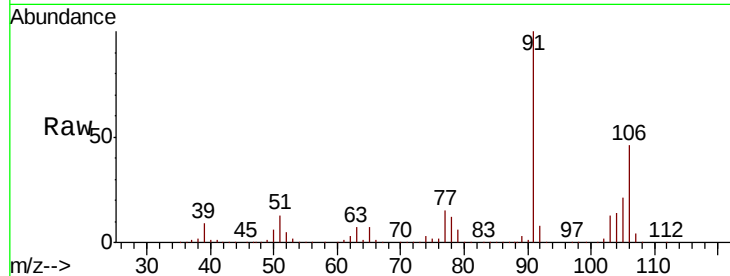




#69
o-Xylene
Concen: 51.023 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

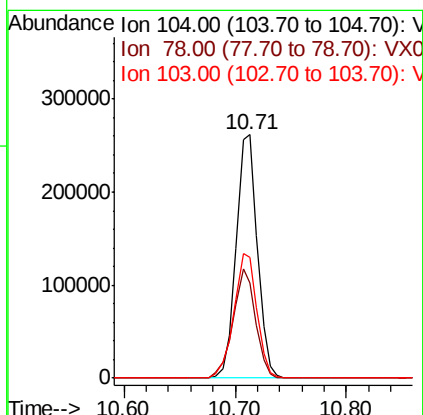
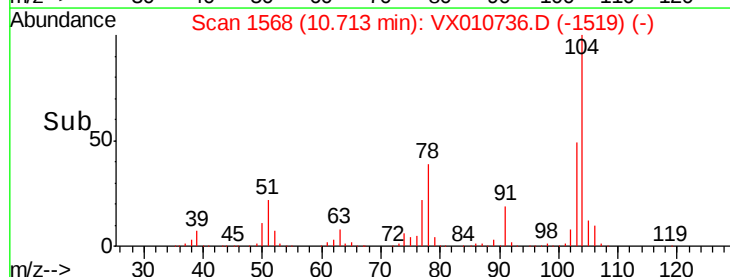
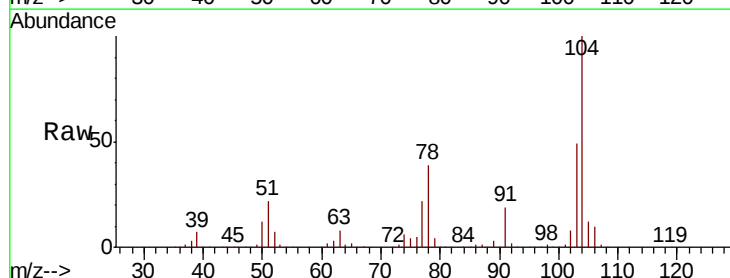
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

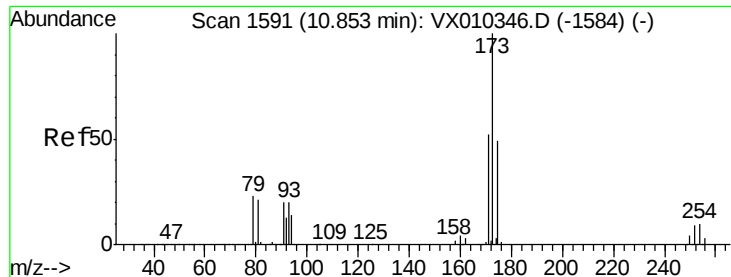
Tot Ion:106 Resp: 199102
Ion Ratio Lower Upper
106 100
91 210.1 102.7 308.1



#70
Styrene
Concen: 52.889 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion:104 Resp: 346114
Ion Ratio Lower Upper
104 100
78 47.1 36.2 54.2
103 55.3 44.2 66.4





#71

Bromoform

Concen: 50.203 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

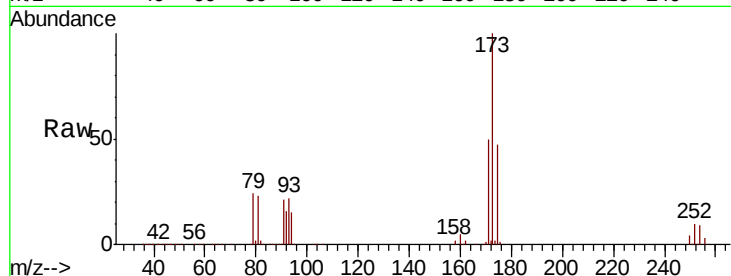
Tot Ion:173 Resp: 96464

Ion Ratio Lower Upper

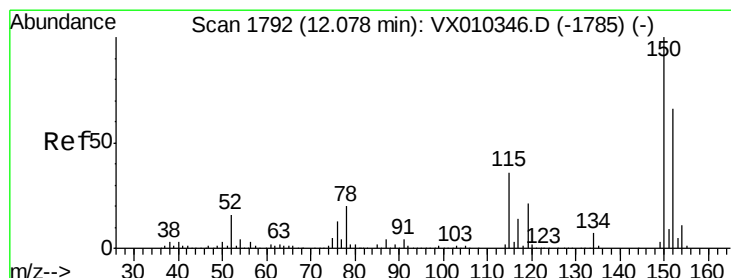
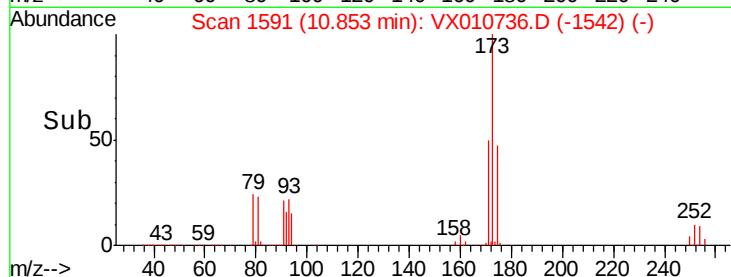
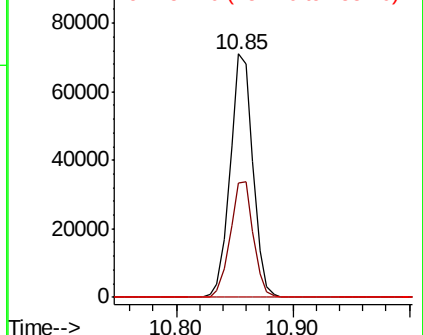
173 100

175 48.2 24.1 72.3

254 0.0 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: VX010736.D

Acq: 09 Jul 2019 07:47

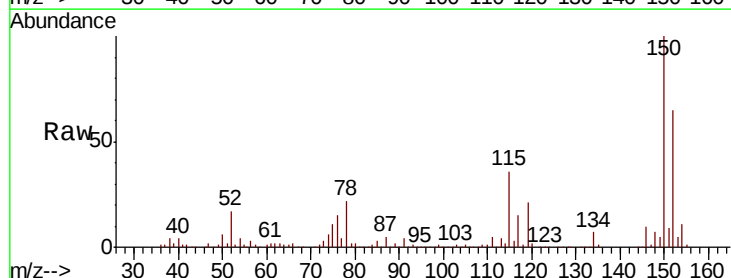
Tgt Ion:152 Resp: 158562

Ion Ratio Lower Upper

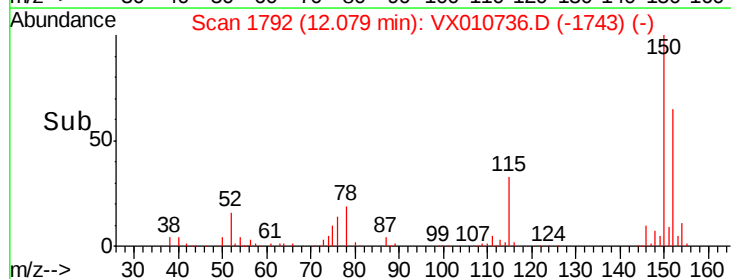
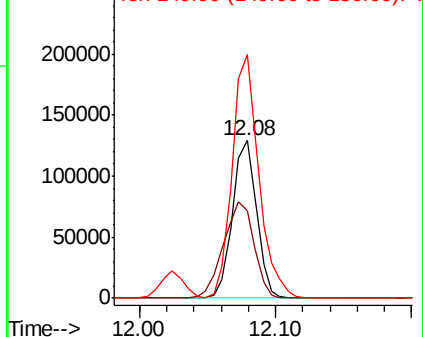
152 100

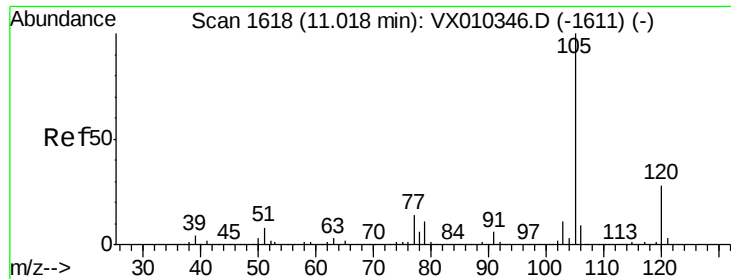
115 77.7 38.6 115.7

150 170.8 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

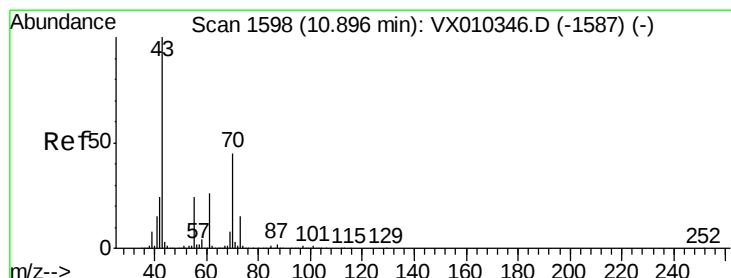
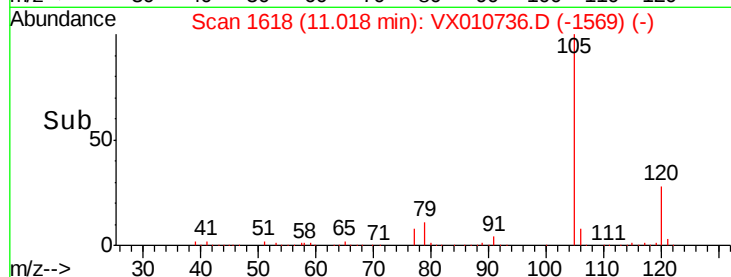
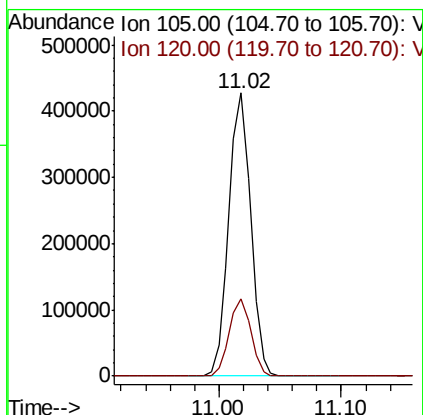
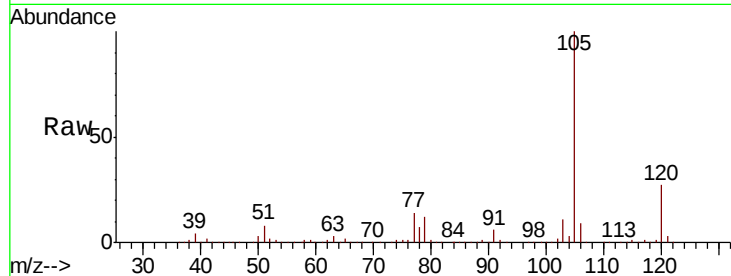




#73
Isopropylbenzene
Concen: 49.244 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

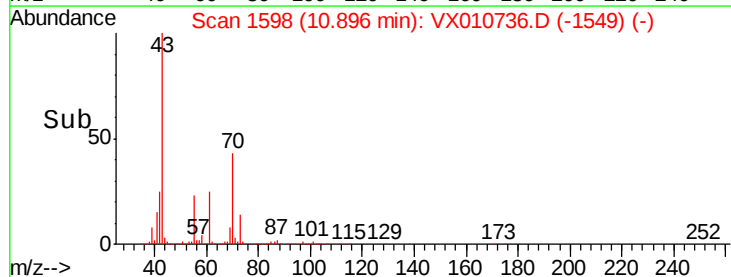
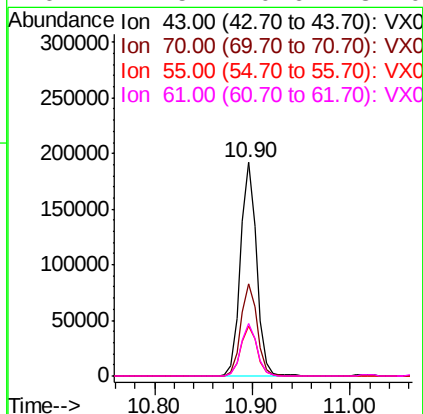
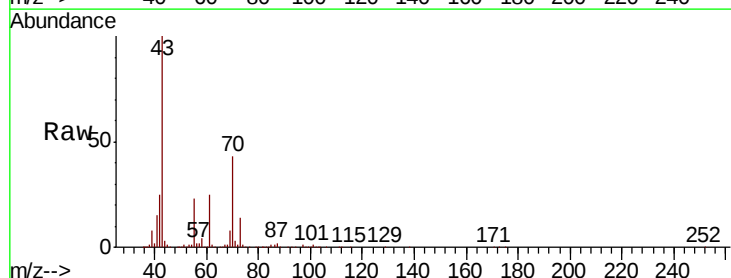
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

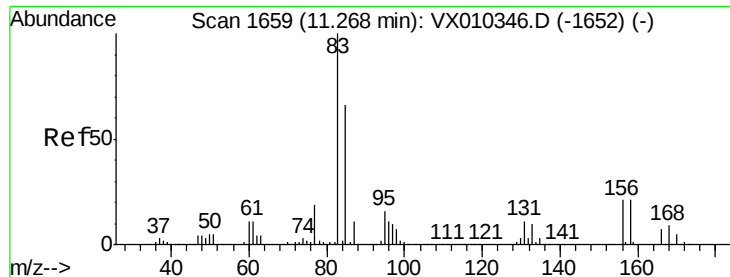
Tot Ion:105 Resp: 529304
Ion Ratio Lower Upper
105 100
120 27.1 14.1 42.4



#74
N-ethyl acetate
Concen: 53.692 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion: 43 Resp: 218103
Ion Ratio Lower Upper
43 100
70 43.7 36.6 54.8
55 23.9 18.7 28.1
61 24.5 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.461 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

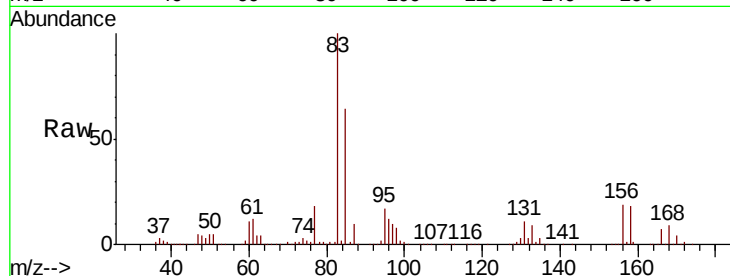
Tot Ion: 83 Resp: 183183

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

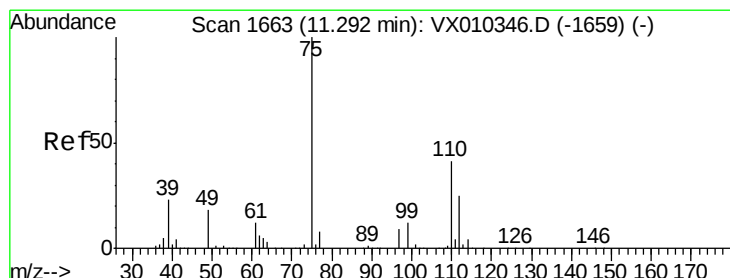
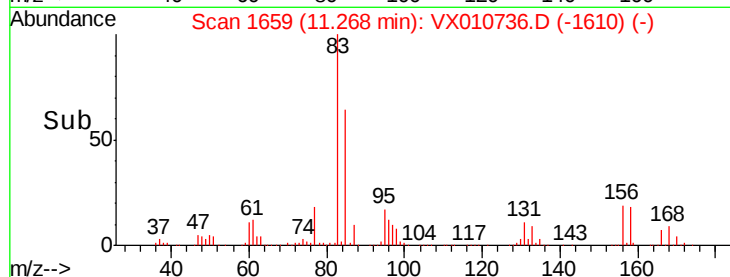
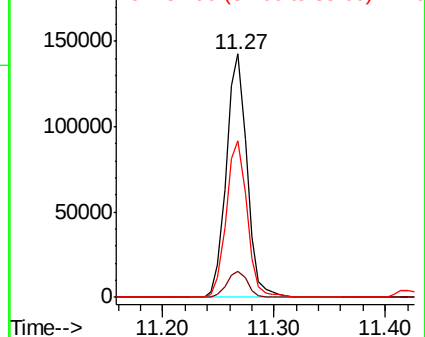
85 64.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.216 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010736.D

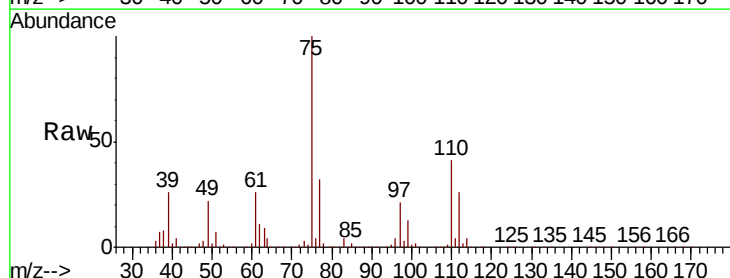
Acq: 09 Jul 2019 07:47

Tgt Ion: 75 Resp: 194214

Ion Ratio Lower Upper

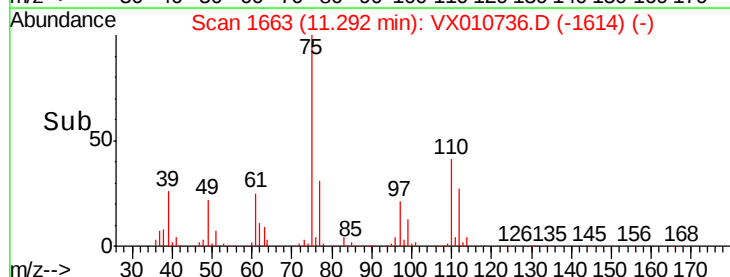
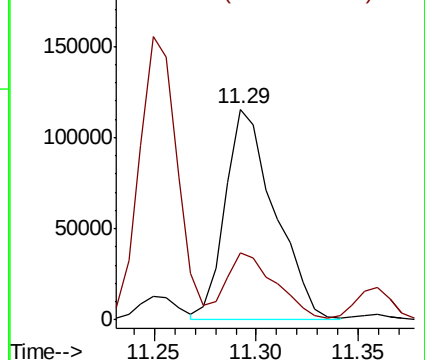
75 100

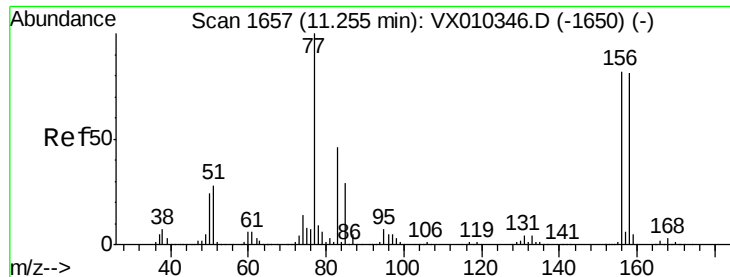
77 31.9 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.407 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

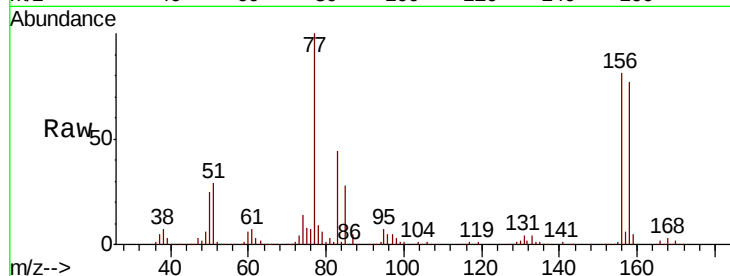
Tot Ion:156 Resp: 148286

Ion Ratio Lower Upper

156 100

77 134.9 66.3 198.7

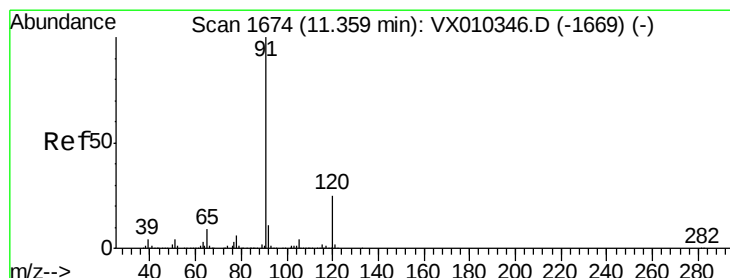
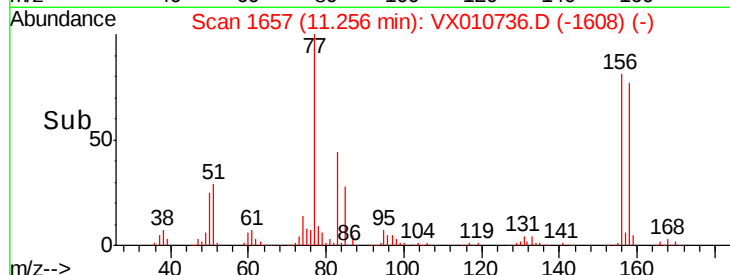
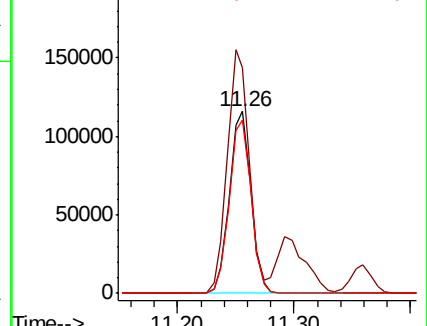
158 96.8 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.418 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010736.D

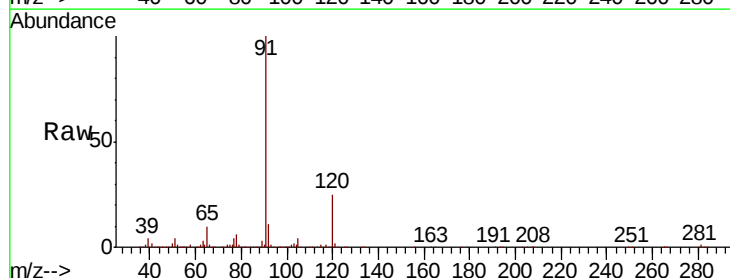
Acq: 09 Jul 2019 07:47

Tgt Ion: 91 Resp: 583782

Ion Ratio Lower Upper

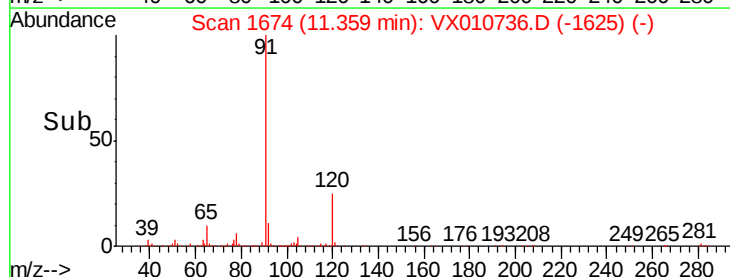
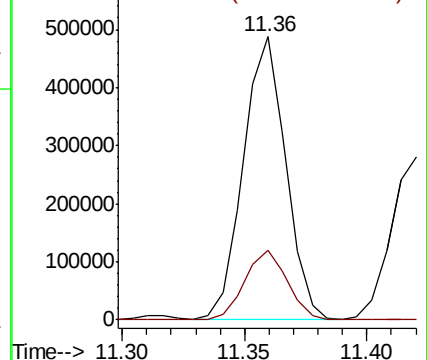
91 100

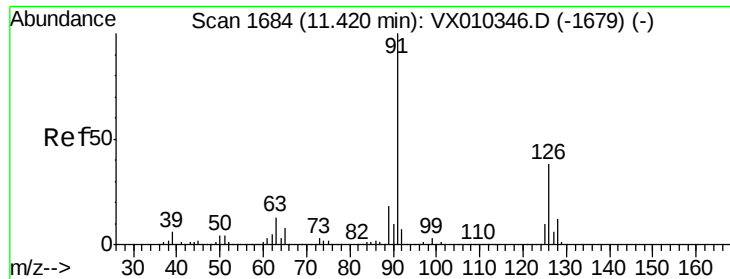
120 24.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.857 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

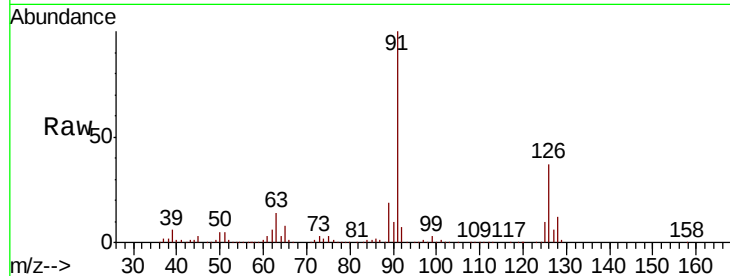
VSTDCCC050EC

Tot Ion: 91 Resp: 350718

Ion Ratio Lower Upper

91 100

126 36.8 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX010736.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010736.D (-1679) (-)

500000

400000

300000

200000

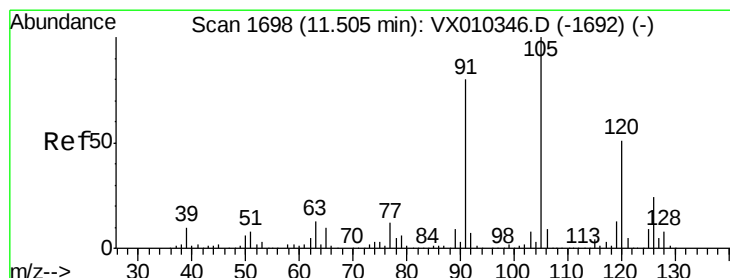
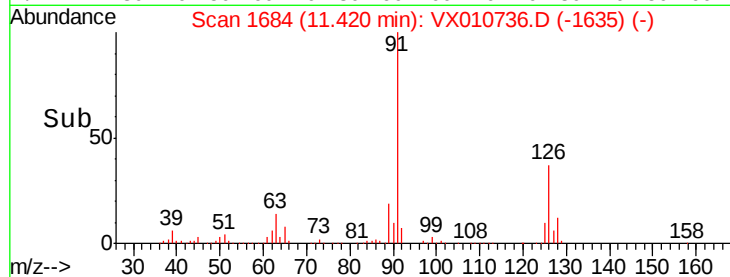
100000

0

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.375 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010736.D

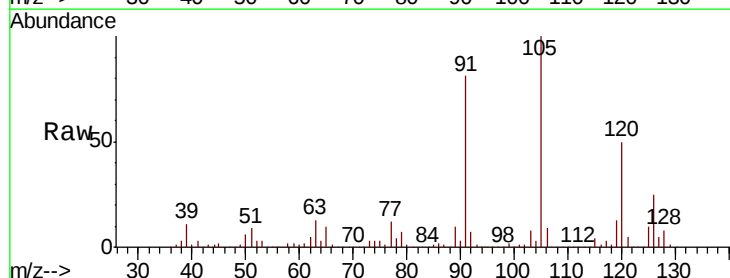
Acq: 09 Jul 2019 07:47

Tgt Ion: 105 Resp: 446368

Ion Ratio Lower Upper

105 100

120 49.4 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010736.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX010736.D (-1649) (-)

400000

300000

200000

100000

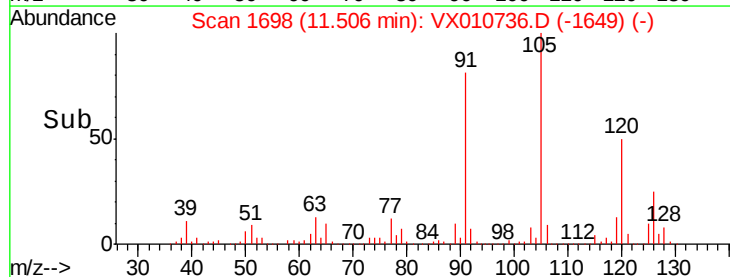
0

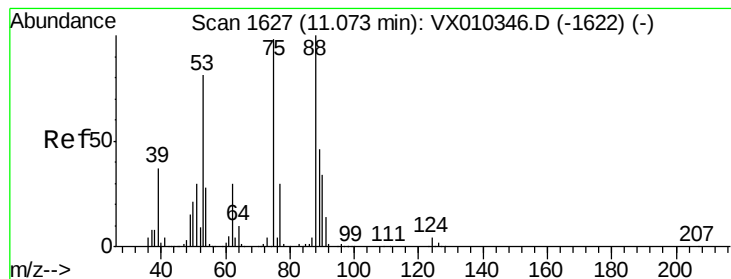
11.40

11.50

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 38.182 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

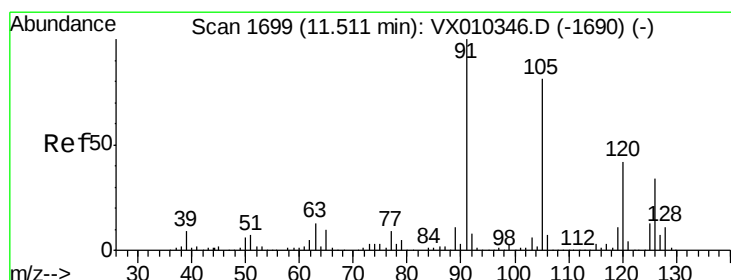
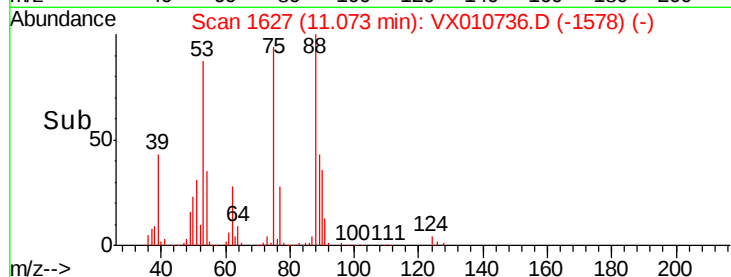
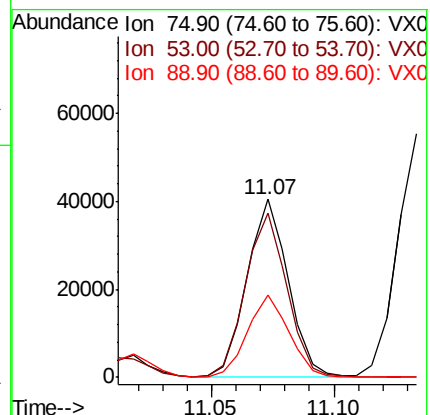
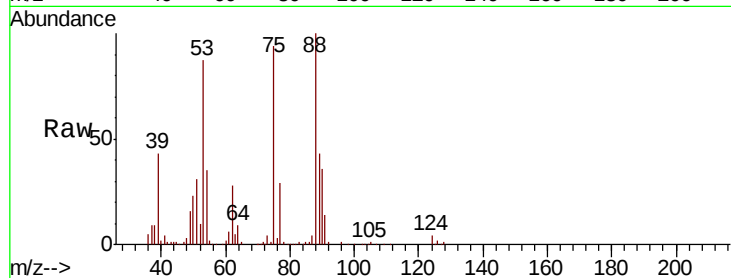
Tot Ion: 75 Resp: 47291

Ion Ratio Lower Upper

75 100

53 92.5 66.1 99.1

89 46.5 37.8 56.6



#82

4-Chlorotoluene

Concen: 50.496 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX010736.D

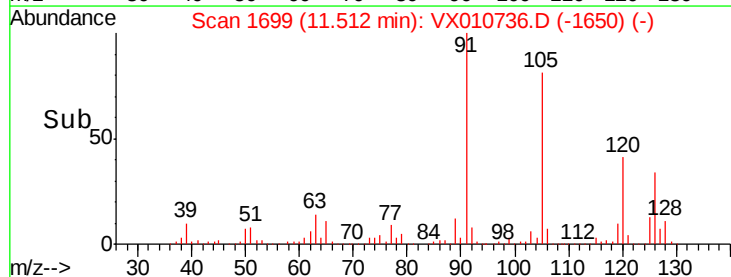
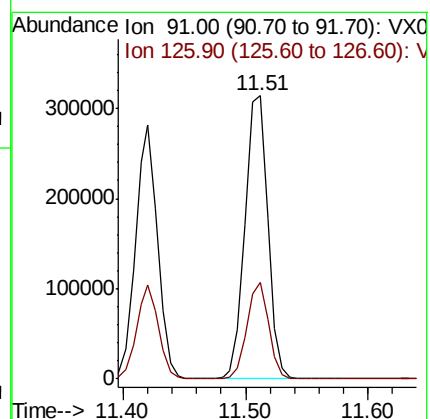
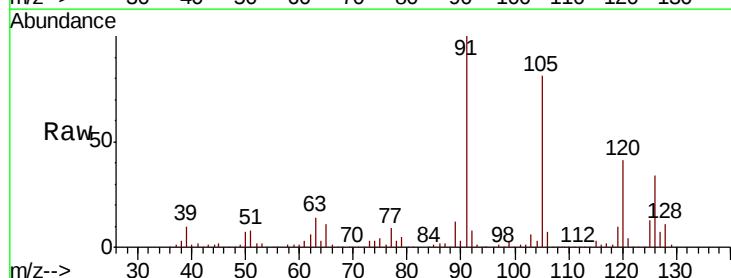
Acq: 09 Jul 2019 07:47

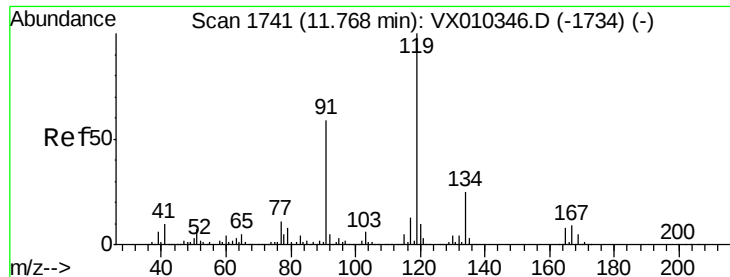
Tgt Ion: 91 Resp: 404195

Ion Ratio Lower Upper

91 100

126 32.4 16.2 48.6





#83

tert-Butylbenzene

Concen: 49.523 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

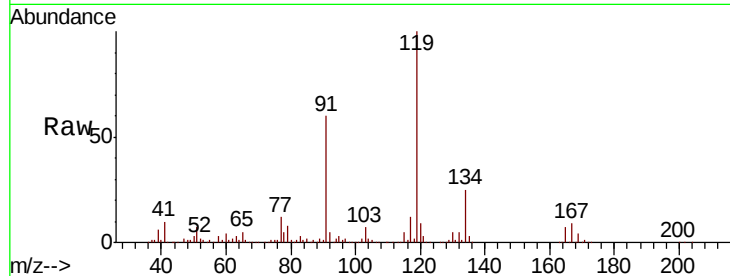
Tot Ion:119 Resp: 440433

Ion Ratio Lower Upper

119 100

91 56.3 27.6 82.7

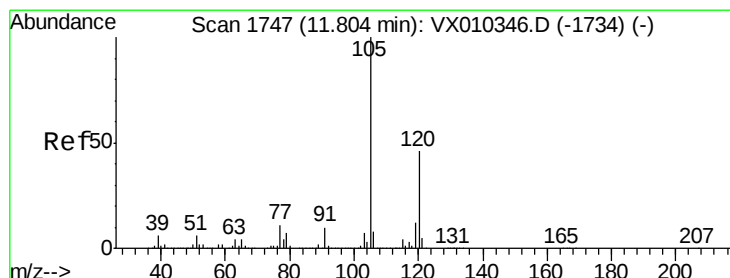
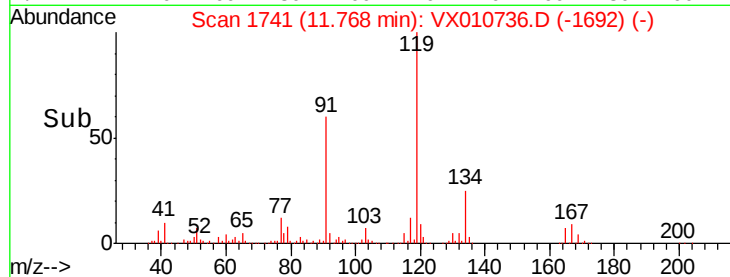
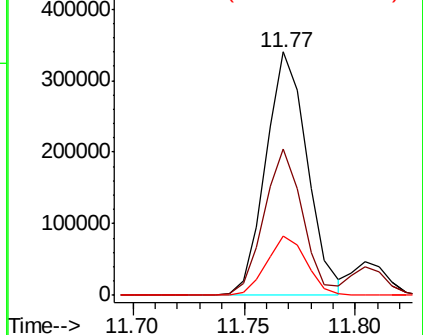
134 23.6 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.838 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010736.D

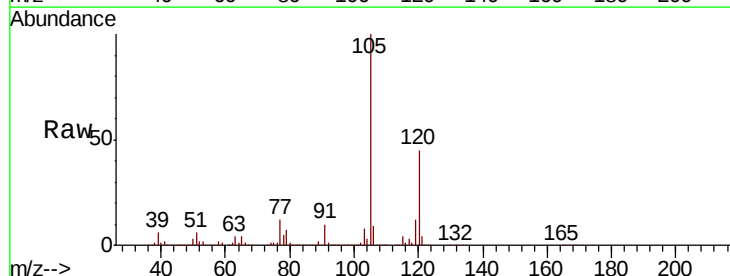
Acq: 09 Jul 2019 07:47

Tgt Ion:105 Resp: 452583

Ion Ratio Lower Upper

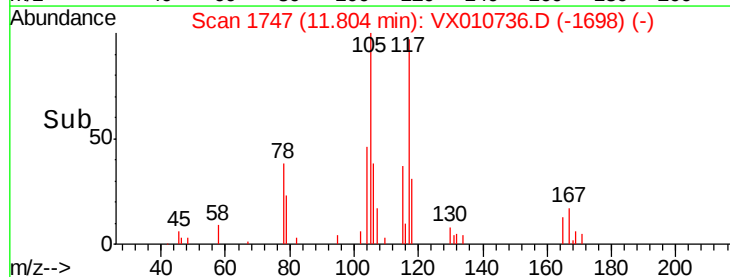
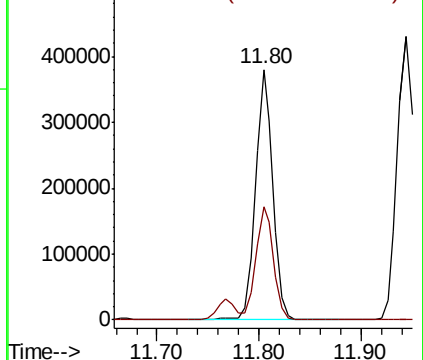
105 100

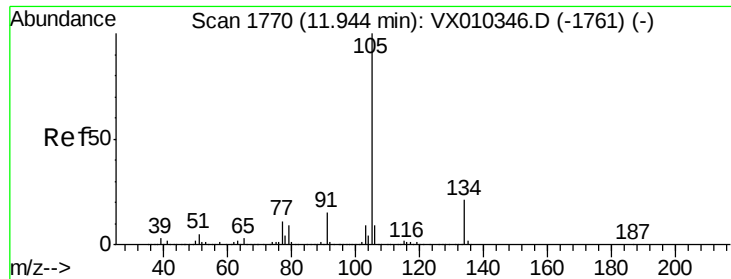
120 45.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.170 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

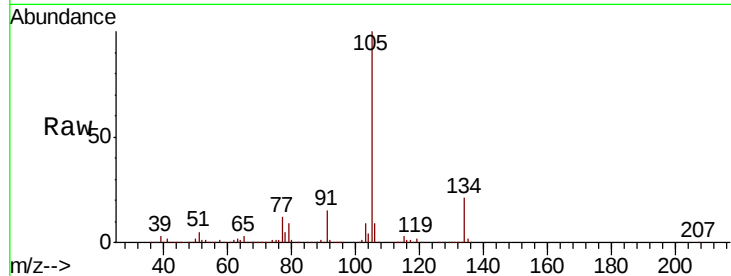
VSTDCCC050EC

Tot Ion:105 Resp: 513445

Ion Ratio Lower Upper

105 100

134 21.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

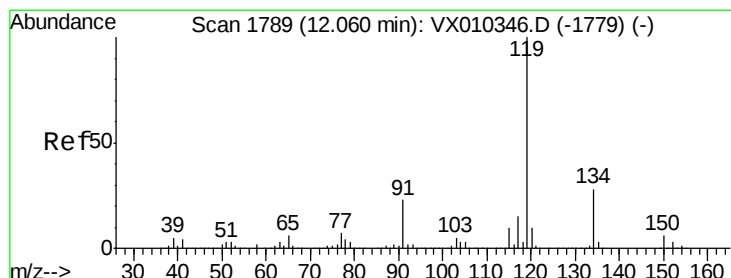
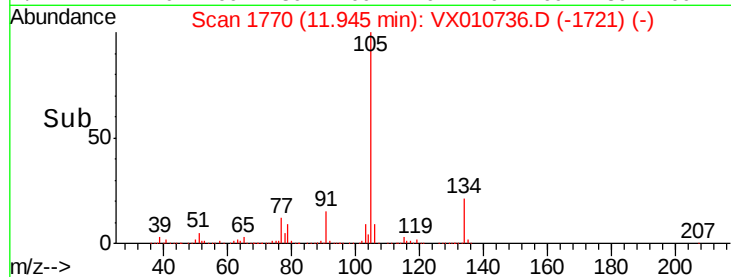
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.378 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

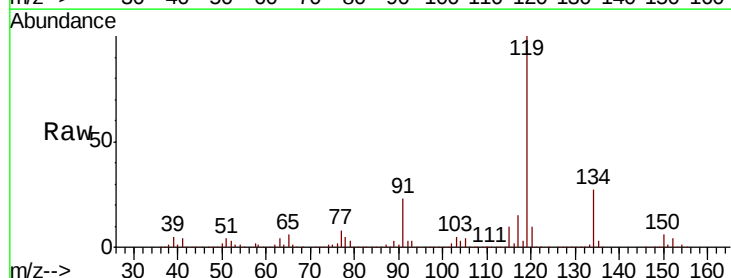
Tgt Ion:119 Resp: 476928

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.4 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

400000

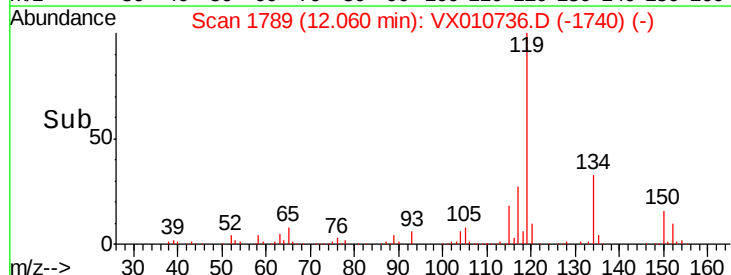
300000

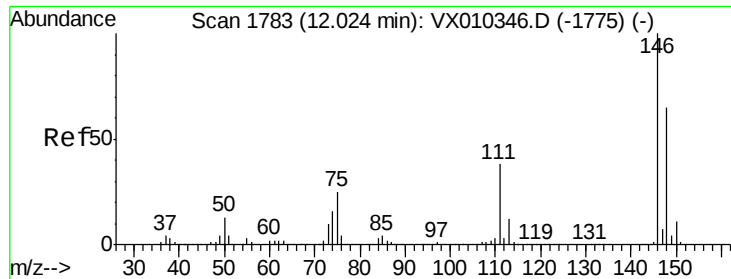
200000

100000

0

Time-->

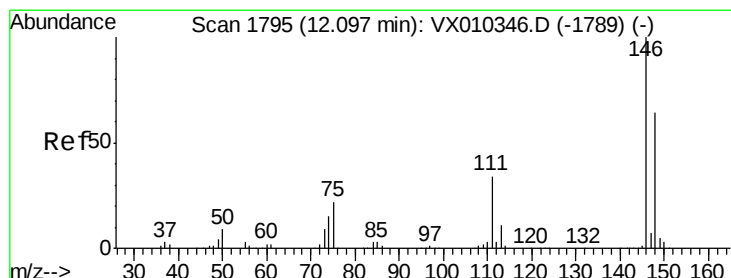
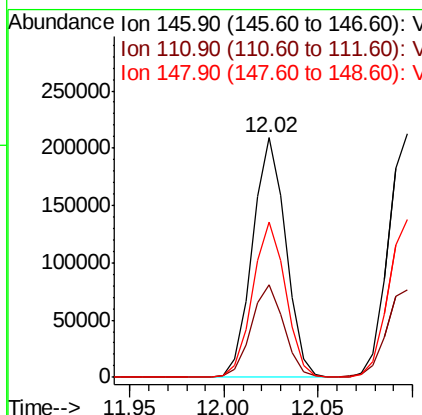
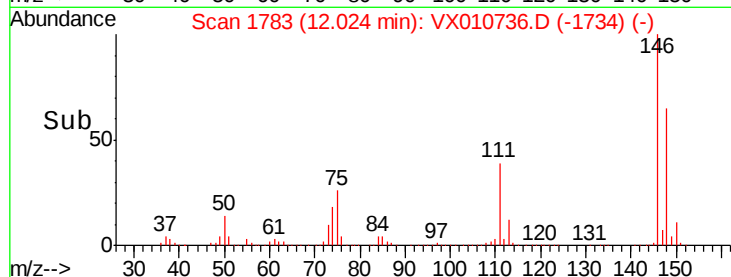
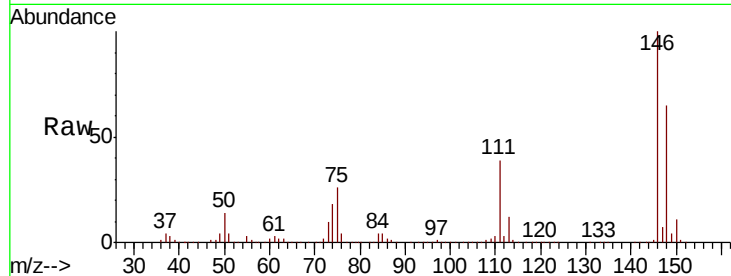




#87
 1,3-Dichlorobenzene
 Concen: 48.818 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

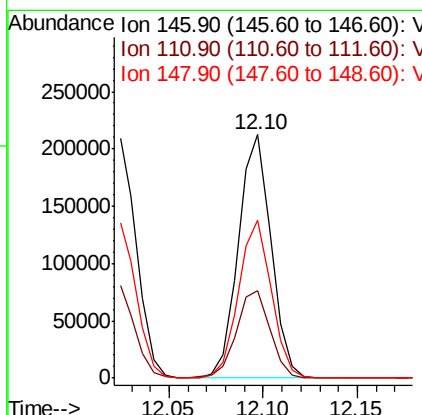
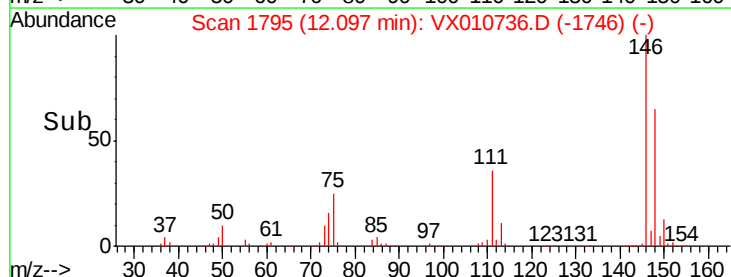
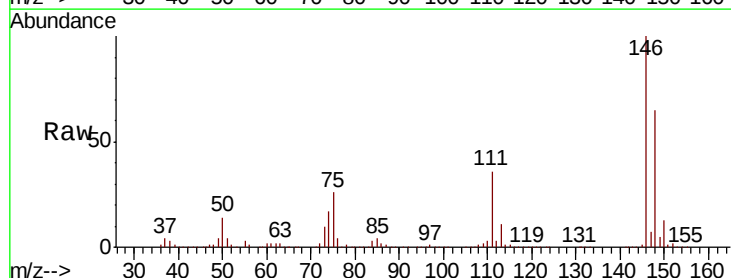
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

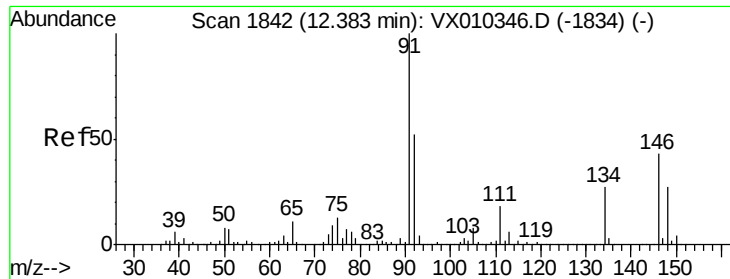
Tot Ion:146 Resp: 255754
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 64.3 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 47.810 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion:146 Resp: 254999
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.1 54.3
 148 65.2 32.1 96.3

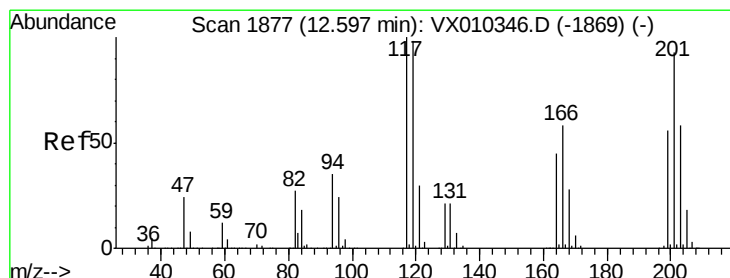
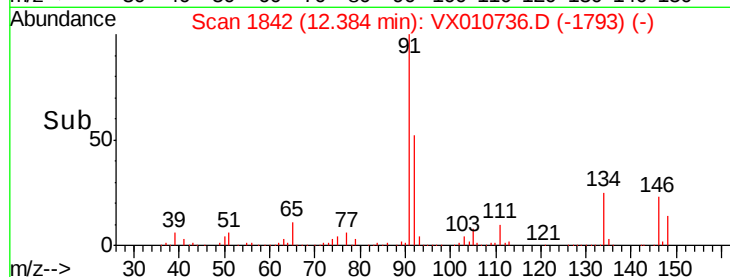
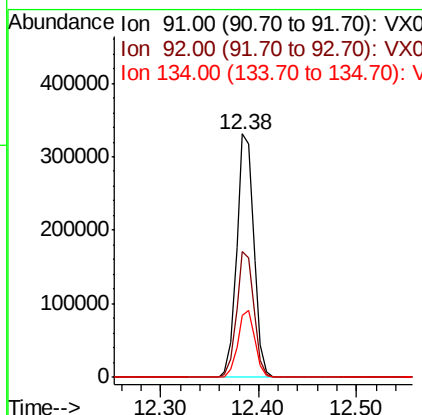
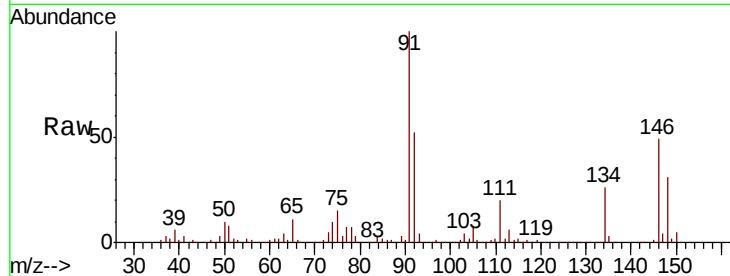




#89
n-Butylbenzene
Concen: 48.826 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

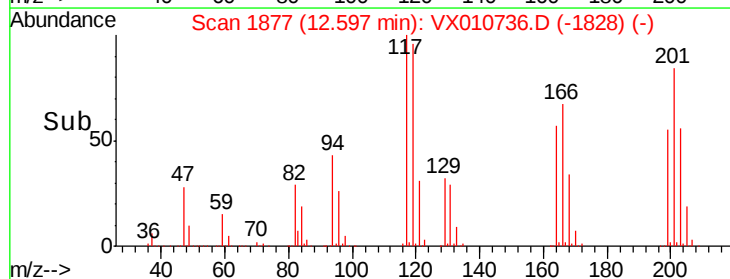
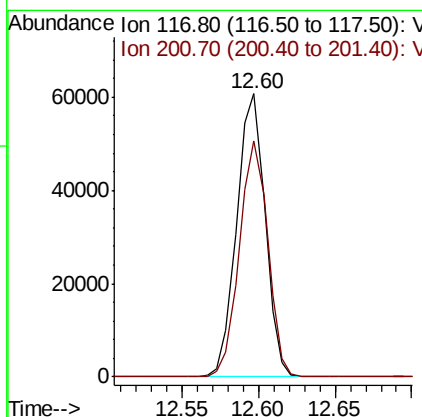
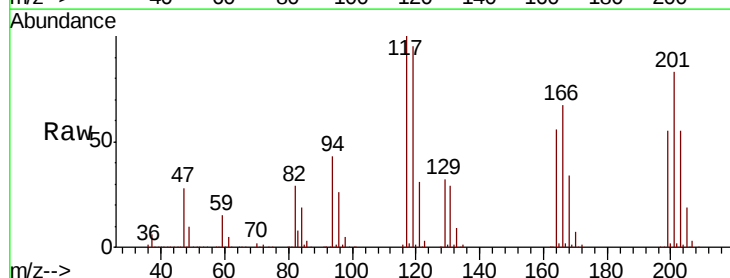
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

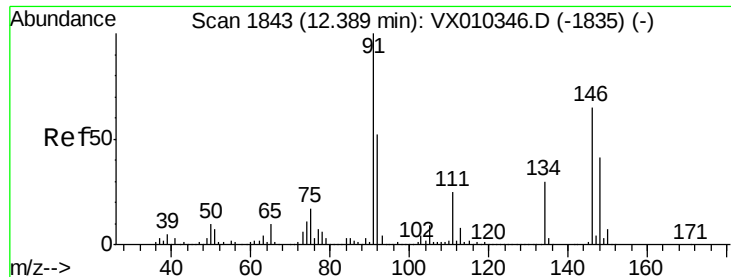
Tot Ion: 91 Resp: 400740
Ion Ratio Lower Upper
91 100
92 51.7 26.2 78.5
134 27.3 14.1 42.4



#90
Hexachloroethane
Concen: 46.889 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion: 117 Resp: 78311
Ion Ratio Lower Upper
117 100
201 83.1 44.0 131.8

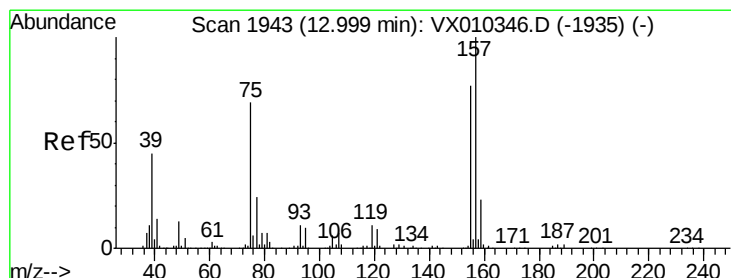
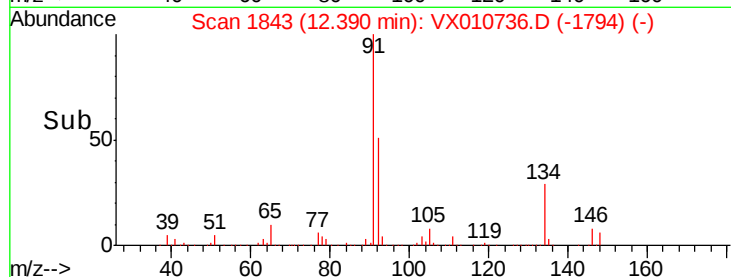
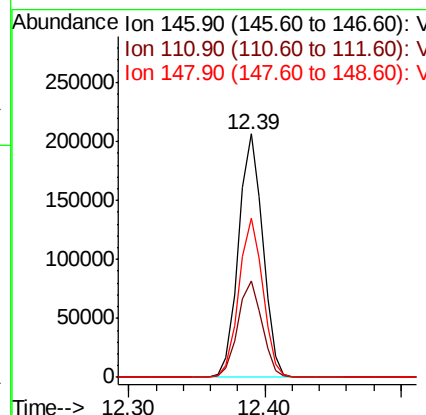
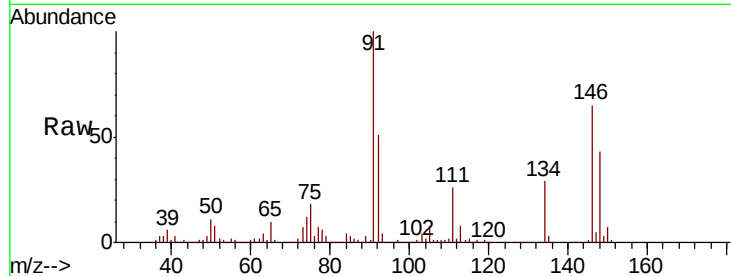




#91
1,2-Dichlorobenzene
Concen: 49.148 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

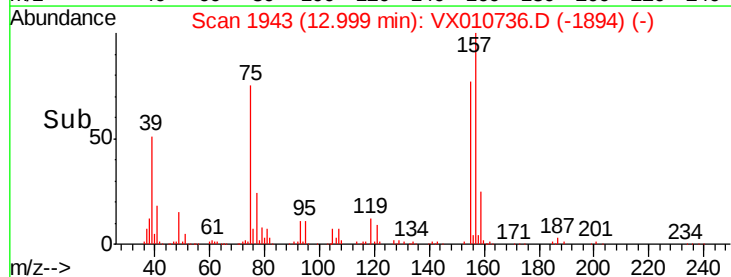
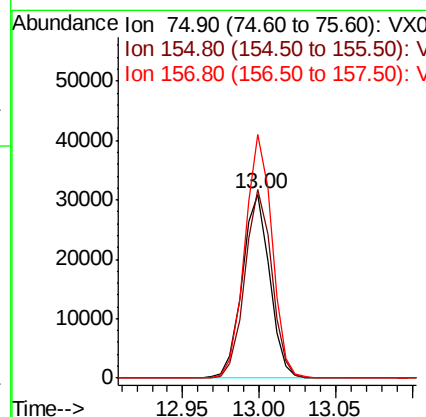
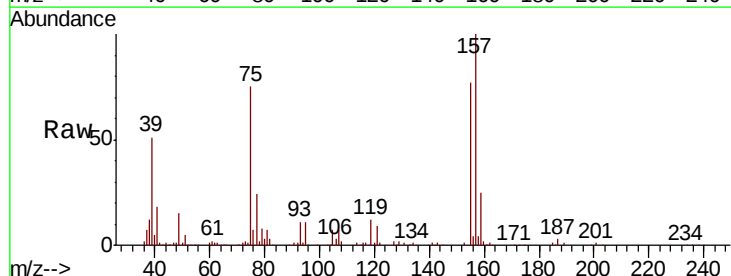
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

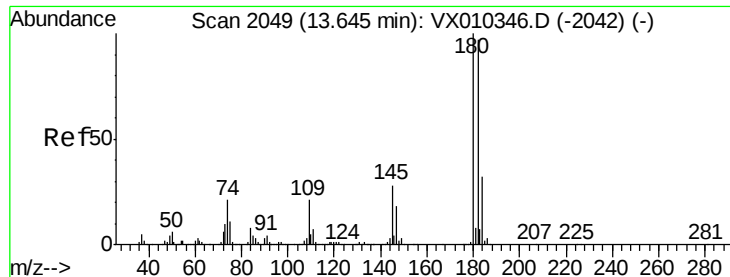
Tot Ion:146 Resp: 255905
Ion Ratio Lower Upper
146 100
111 39.5 19.2 57.6
148 64.7 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.185 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion: 75 Resp: 38516
Ion Ratio Lower Upper
75 100
155 100.2 54.4 163.1
157 130.3 69.5 208.3

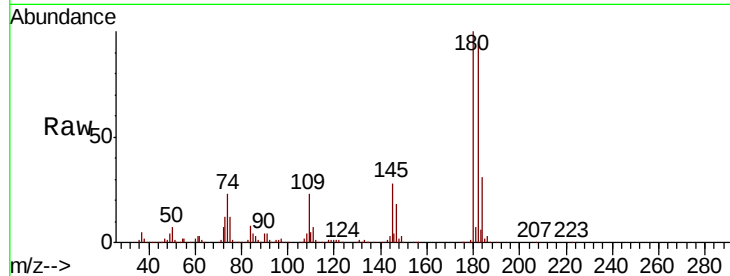




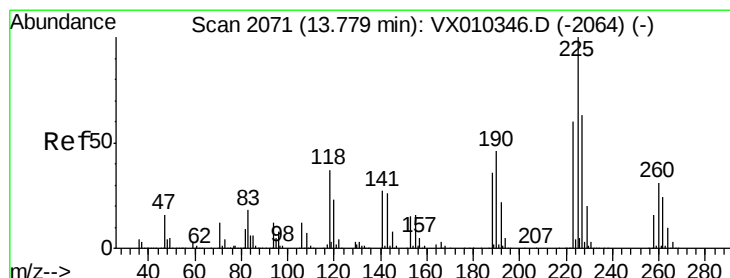
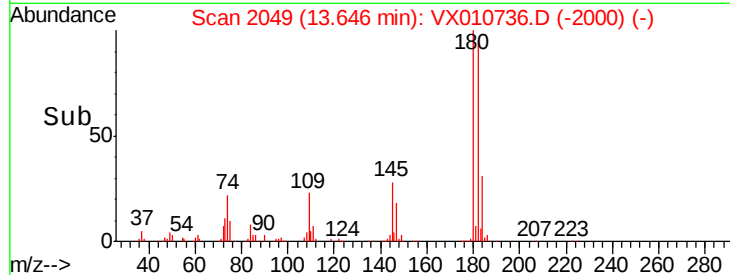
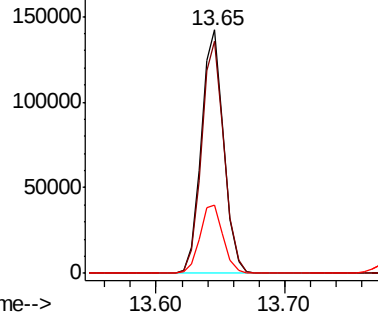
#93
 1,2,4-Trichlorobenzene
 Concen: 47.814 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 172649
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.0 144.0
 145 29.4 14.4 43.4

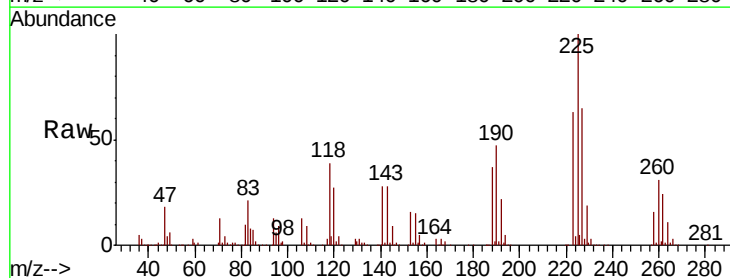


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

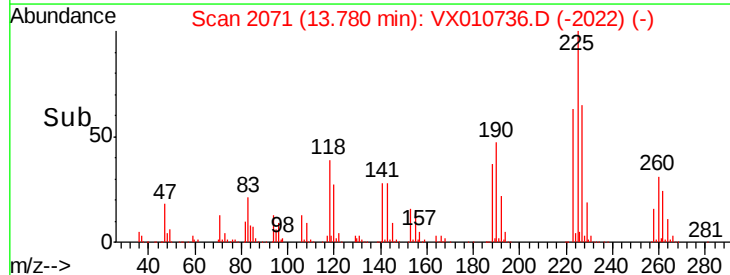
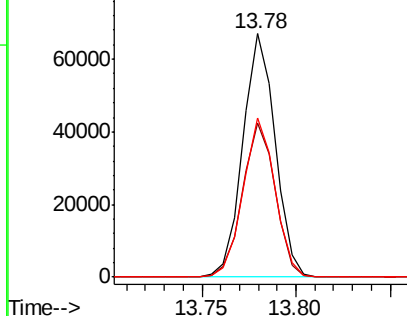


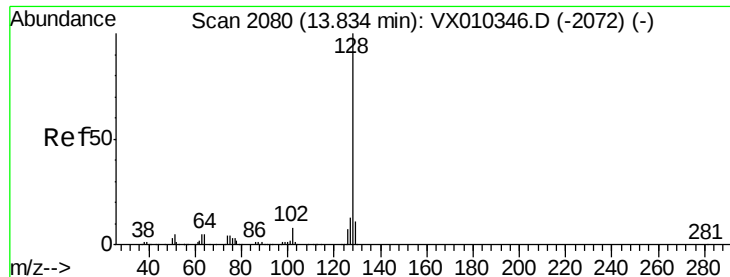
#94
 Hexachlorobutadiene
 Concen: 45.129 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion:225 Resp: 79642
 Ion Ratio Lower Upper
 225 100
 223 64.0 30.9 92.7
 227 64.8 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.974 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

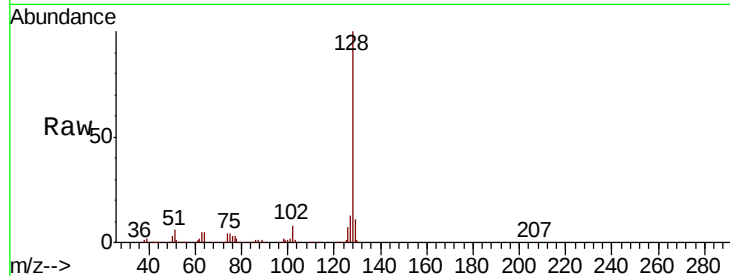
Tot Ion:128 Resp: 565630

Ion Ratio Lower Upper

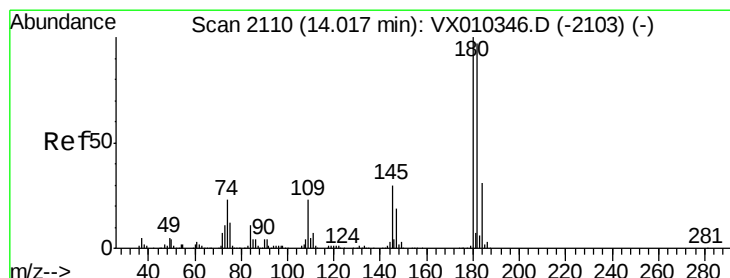
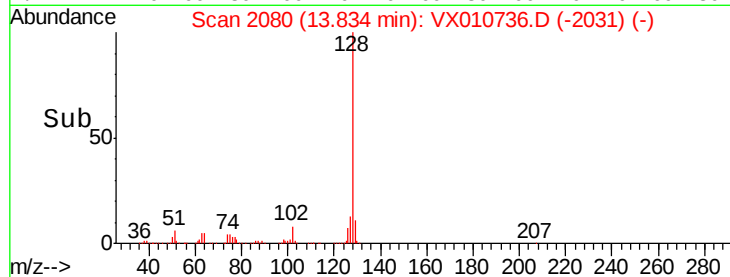
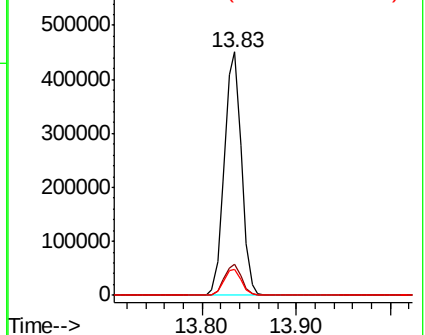
128 100

127 12.7 10.2 15.4

129 10.8 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 49.895 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

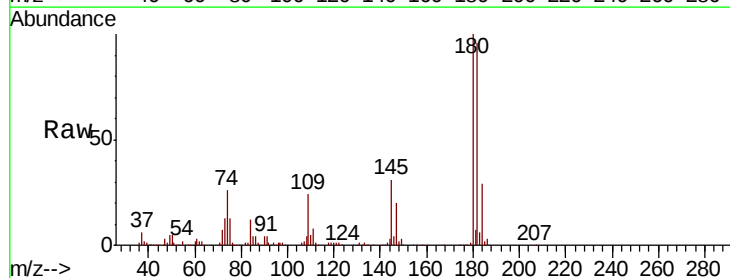
Tgt Ion:180 Resp: 179131

Ion Ratio Lower Upper

180 100

182 95.0 47.8 143.3

145 30.5 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

