

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010448.D
 Acq On : 26 Jun 2019 09:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 01:09:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	298863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	429569	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	389651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200553	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	132639	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
35) Dibromofluoromethane	5.49	113	132378	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
50) Toluene-d8	8.71	98	499681	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	180915	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	90365	43.491	ug/l	97
3) Chloromethane	1.32	50	100588	41.575	ug/l	98
4) Vinyl Chloride	1.41	62	112712	42.532	ug/l	100
5) Bromomethane	1.64	94	55914	43.309	ug/l	97
6) Chloroethane	1.71	64	72064	46.093	ug/l	97
7) Trichlorofluoromethane	1.92	101	193852	46.145	ug/l	99
8) Diethyl Ether	2.19	74	70046	46.496	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	118010	46.355	ug/l	100
10) Methyl Iodide	2.51	142	156383	43.043	ug/l	99
11) Tert butyl alcohol	3.05	59	148882	203.050	ug/l	99
12) 1,1-Dichloroethene	2.37	96	115152	44.452	ug/l	97
13) Acrolein	2.29	56	94150	193.563	ug/l	100
14) Allyl chloride	2.73	41	168854	45.912	ug/l	99
15) Acrylonitrile	3.14	53	329713	227.121	ug/l	100
16) Acetone	2.45	43	361981	257.758	ug/l	99
17) Carbon Disulfide	2.57	76	287142	41.316	ug/l	100
18) Methyl Acetate	2.77	43	127034	45.386	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	373577	45.841	ug/l	97
20) Methylene Chloride	2.85	84	130943	45.308	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	124501	44.687	ug/l	96
22) Diisopropyl ether	3.85	45	353857	46.019	ug/l	93
23) Vinyl Acetate	3.81	43	1586201	238.787	ug/l	99
24) 1,1-Dichloroethane	3.70	63	203574	45.802	ug/l	98
25) 2-Butanone	4.67	43	498441	241.962	ug/l	99
26) 2,2-Dichloropropane	4.58	77	183113	47.425	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	146528	45.512	ug/l	99
28) Bromochloromethane	5.01	49	96674	45.492	ug/l	97
29) Tetrahydrofuran	5.12	42	286001	224.143	ug/l	99
30) Chloroform	5.21	83	219544	45.908	ug/l	96
31) Cyclohexane	5.58	56	185394	45.804	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	195650	46.333	ug/l	100
36) 1,1-Dichloropropene	5.80	75	161668	47.360	ug/l	99
37) Ethyl Acetate	4.83	43	169533	48.276	ug/l	100
38) Carbon Tetrachloride	5.78	117	176195	47.666	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	218160	48.620	ug/l	98
40) Benzene	6.14	78	507107	47.683	ug/l	98
41) Methacrylonitrile	5.04	41	90518	46.977	ug/l	99
42) 1,2-Dichloroethane	6.19	62	159557	49.287	ug/l	99
43) Isopropyl Acetate	6.44	43	280322	48.247	ug/l	99
44) Trichloroethene	7.21	130	152130	47.806	ug/l	100
45) 1,2-Dichloropropane	7.51	63	127811	47.591	ug/l	99
46) Dibromomethane	7.66	93	93653	48.604	ug/l	97
47) Bromodichloromethane	7.90	83	170755	48.356	ug/l	99
48) Methyl methacrylate	7.77	41	131227	48.591	ug/l	99
49) 1,4-Dioxane	7.74	88	70201	902.344	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	885160	238.206	ug/l	100
52) Toluene	8.78	92	331920	47.393	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	194261	49.068	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	213039	49.517	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	140189	48.535	ug/l	100
56) Ethyl methacrylate	9.18	69	211184	48.265	ug/l	98
57) 1,3-Dichloropropane	9.37	76	216179	48.215	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	514804	247.733	ug/l	99
59) 2-Hexanone	9.49	43	714727	244.386	ug/l	99
60) Dibromochloromethane	9.58	129	159351	49.273	ug/l	100
61) 1,2-Dibromoethane	9.67	107	152113	48.790	ug/l	100
64) Tetrachloroethene	9.34	164	150288	47.686	ug/l	96
65) Chlorobenzene	10.13	112	381956	48.284	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	144330	50.089	ug/l	99
67) Ethyl Benzene	10.25	91	650167	48.684	ug/l	99
68) m/p-Xylenes	10.35	106	501663	96.945	ug/l	99
69) o-Xylene	10.69	106	246492	48.438	ug/l	99
70) Styrene	10.71	104	423057	49.572	ug/l	99
71) Bromoform	10.85	173	124892	49.841	ug/l #	99
73) Isopropylbenzene	11.02	105	660449	48.580	ug/l	99
74) N-amyl acetate	10.90	43	247539	48.179	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	210054	46.655	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	239380	65.501	ug/l	81
77) Bromobenzene	11.26	156	177971	46.882	ug/l	99
78) n-propylbenzene	11.36	91	743449	49.757	ug/l	100
79) 2-Chlorotoluene	11.42	91	423140	47.558	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	550976	49.162	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	73093	46.659	ug/l	98
82) 4-Chlorotoluene	11.51	91	493733	48.768	ug/l	99
83) tert-Butylbenzene	11.77	119	548401	48.752	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	555511	49.335	ug/l	99
85) sec-Butylbenzene	11.94	105	653711	49.495	ug/l	100
86) p-Isopropyltoluene	12.06	119	614208	50.277	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	317706	47.946	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	315812	46.815	ug/l	100
89) n-Butylbenzene	12.38	91	534950	51.531	ug/l	100
90) Hexachloroethane	12.59	117	106899	50.605	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	308296	46.812	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43752	45.072	ug/l	96

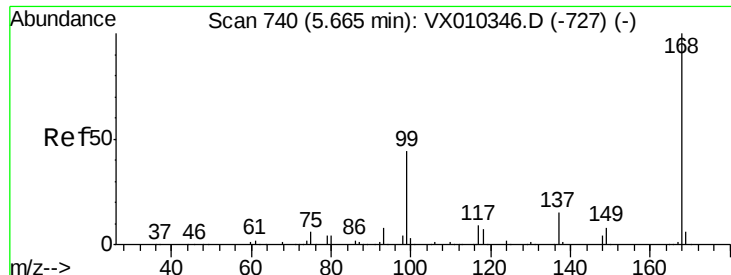
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	225412	49.355	ug/l	99
94) Hexachlorobutadiene	13.78	225	111193	49.815	ug/l	100
95) Naphthalene	13.83	128	680603	48.493	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	223716	49.267	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

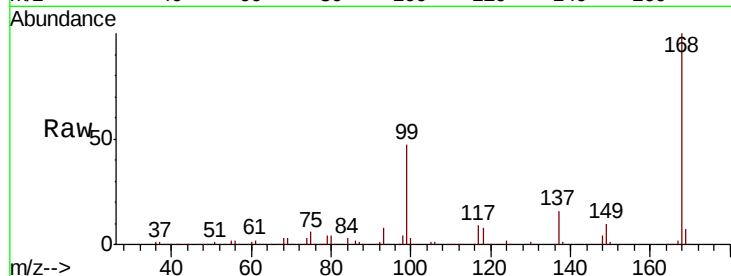
VSTDCCC050

Tot Ion:168 Resp: 298863

Ion Ratio Lower Upper

168 100

99 47.1 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

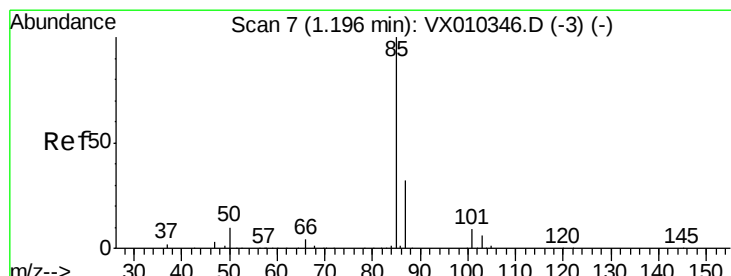
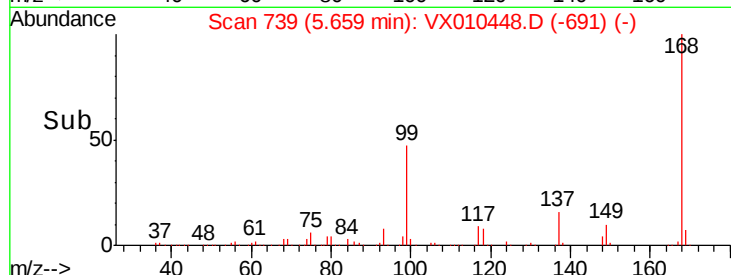
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.491 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010448.D

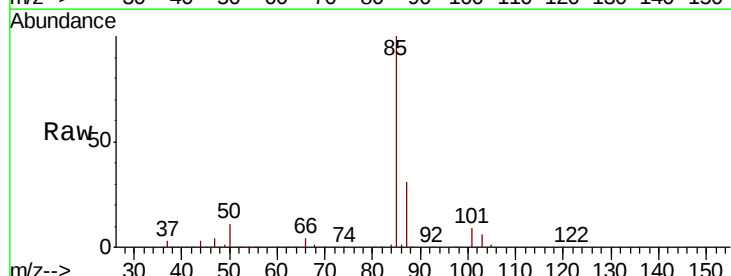
Acq: 26 Jun 2019 09:21

Tgt Ion: 85 Resp: 90365

Ion Ratio Lower Upper

85 100

87 30.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

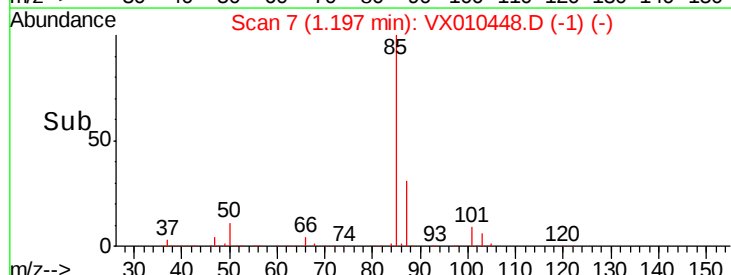
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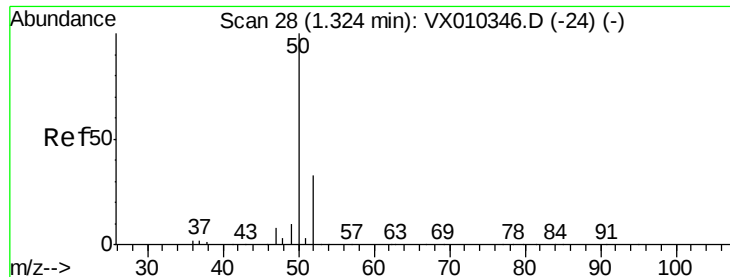
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 41.575 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

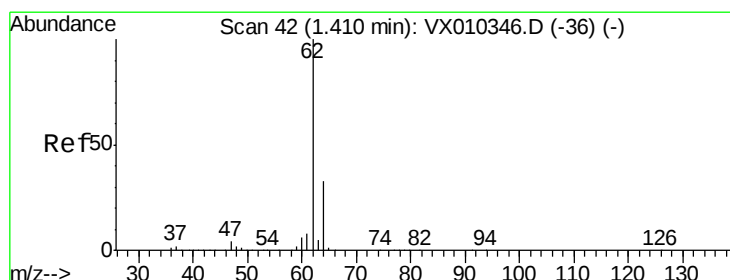
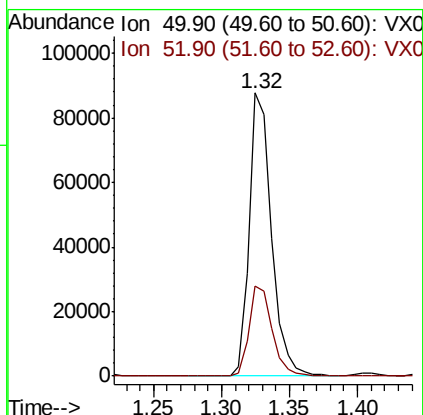
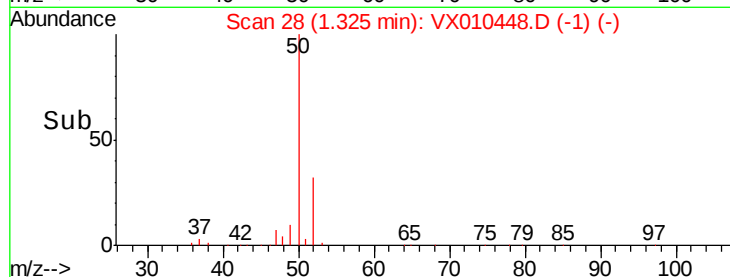
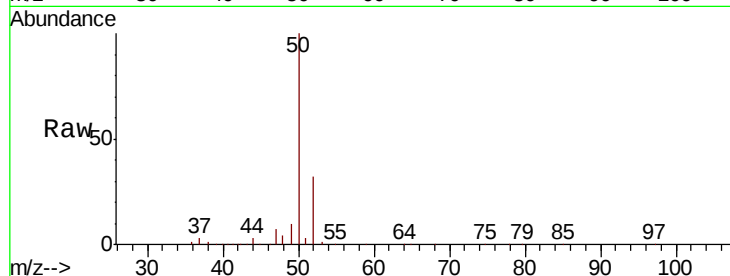
VSTDCCC050

Tot Ion: 50 Resp: 100588

Ion Ratio Lower Upper

50 100

52 31.8 26.5 39.7



#4

Vinyl Chloride

Concen: 42.532 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010448.D

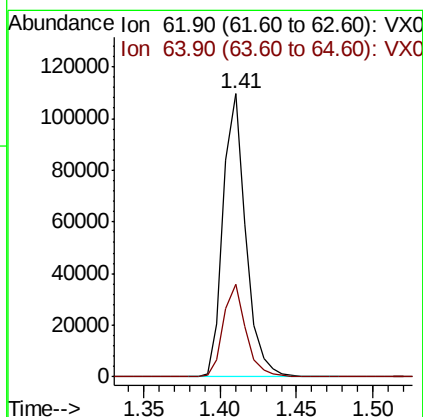
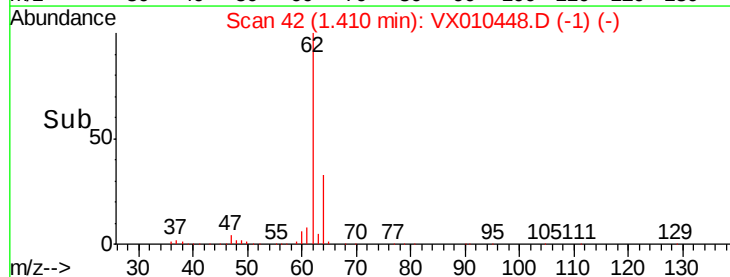
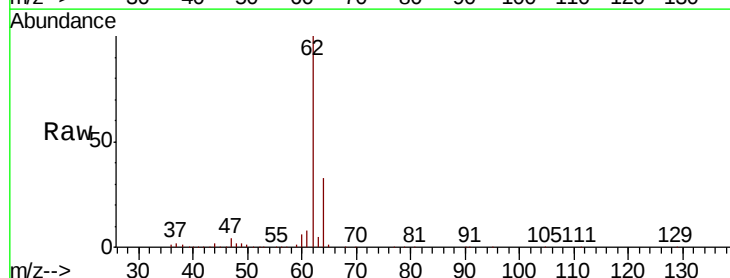
Acq: 26 Jun 2019 09:21

Tgt Ion: 62 Resp: 112712

Ion Ratio Lower Upper

62 100

64 32.7 26.2 39.4





#5

Bromomethane

Concen: 43.309 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

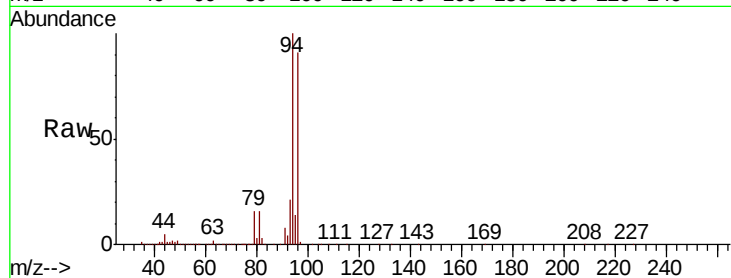
VSTDCCC050

Tot Ion: 94 Resp: 55914

Ion Ratio Lower Upper

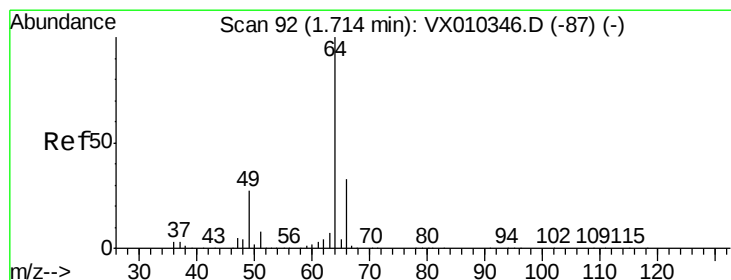
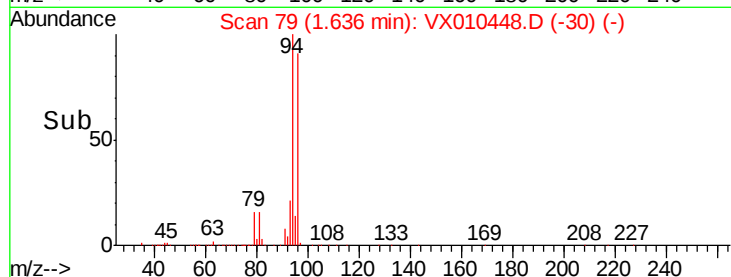
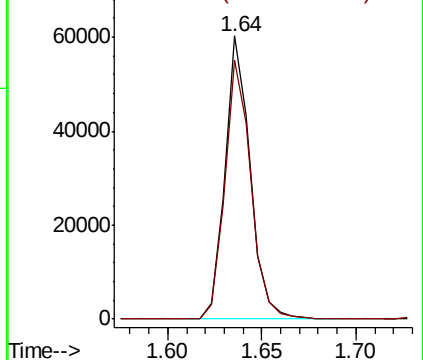
94 100

96 91.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.093 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010448.D

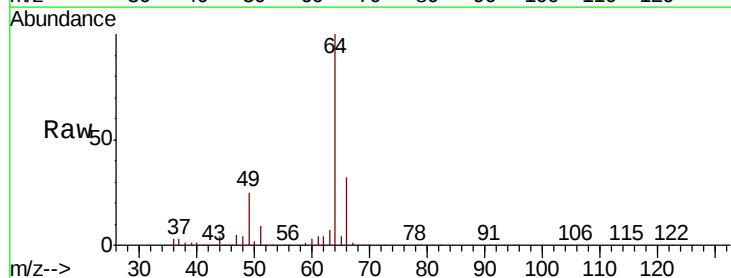
Acq: 26 Jun 2019 09:21

Tgt Ion: 64 Resp: 72064

Ion Ratio Lower Upper

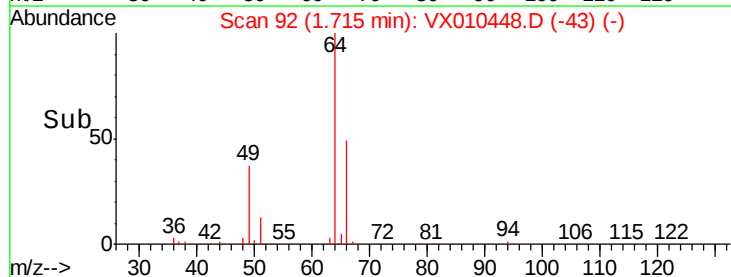
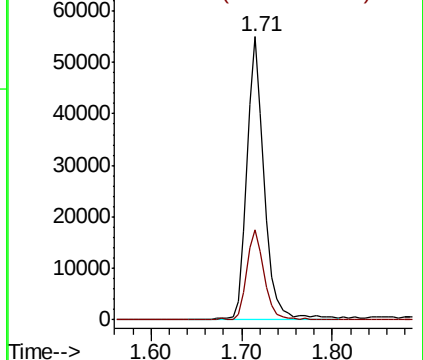
64 100

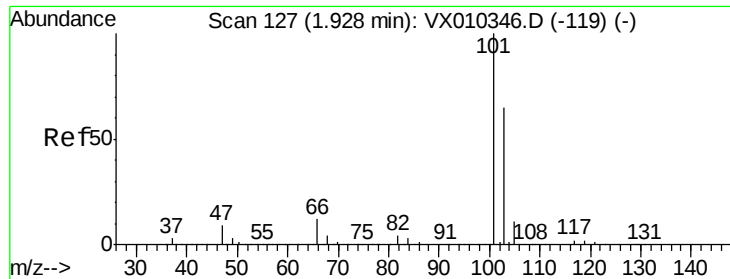
66 31.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



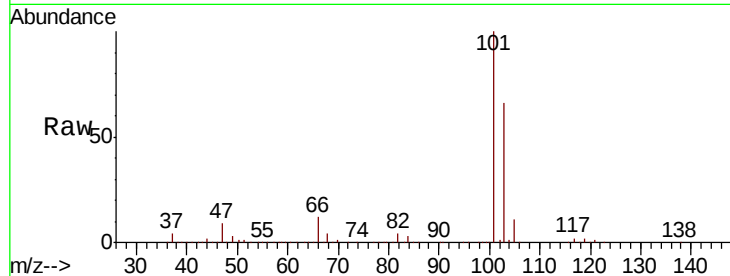


#7

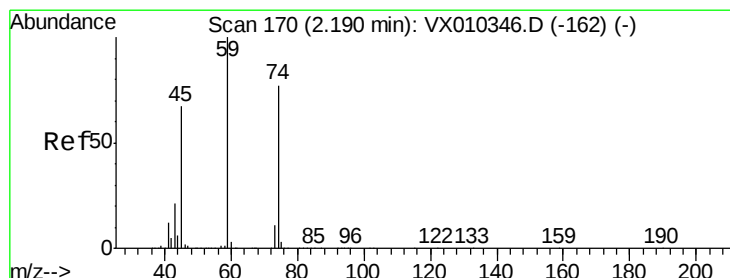
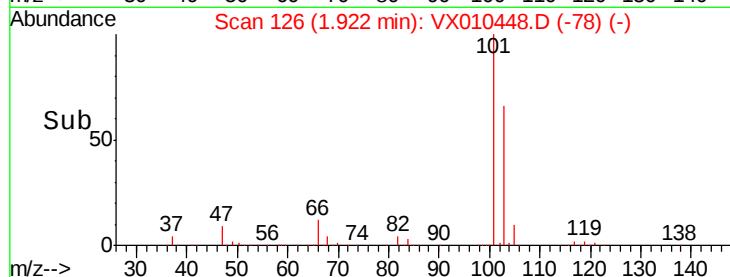
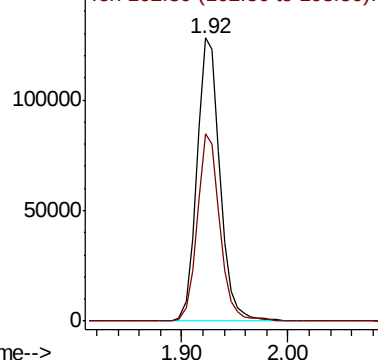
Trichlorofluoromethane
Concen: 46.145 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 193852
Ion Ratio Lower Upper
101 100
103 66.2 52.3 78.5



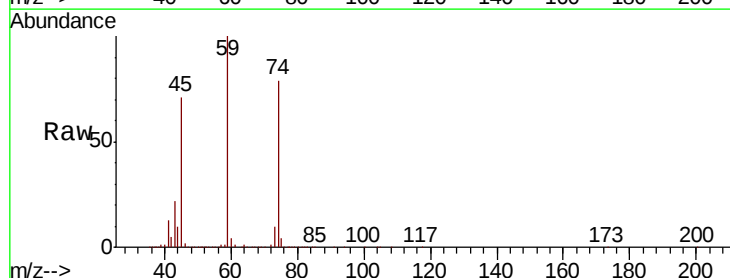
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



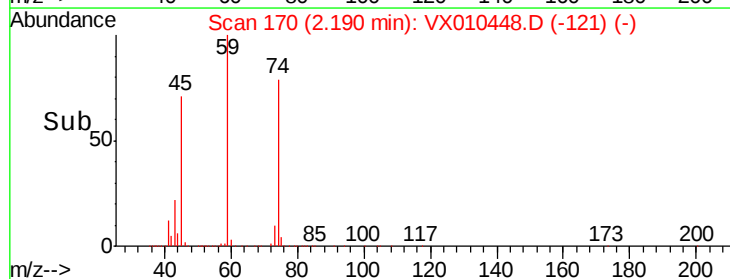
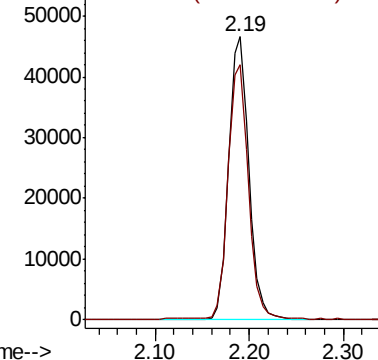
#8

Diethyl Ether
Concen: 46.496 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion: 74 Resp: 70046
Ion Ratio Lower Upper
74 100
45 90.0 44.8 134.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.355 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

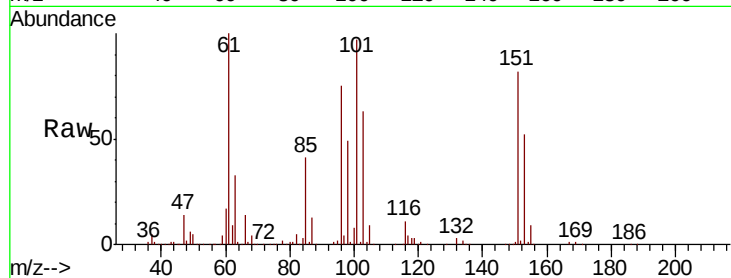
Tot Ion:101 Resp: 118010

Ion Ratio Lower Upper

101 100

85 42.4 33.7 50.5

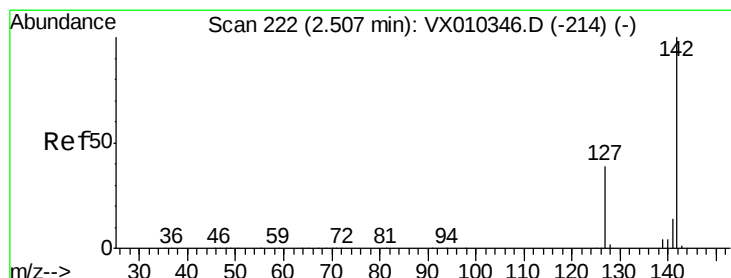
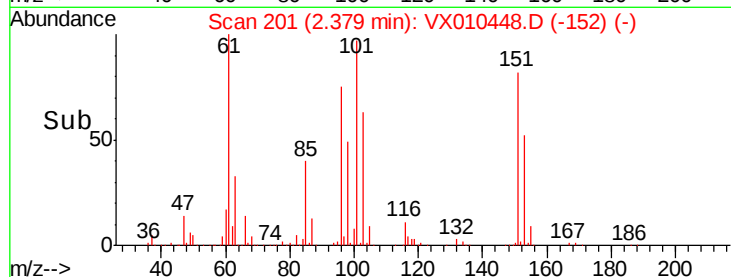
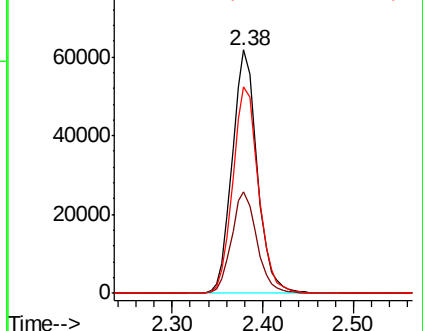
151 87.4 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.043 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

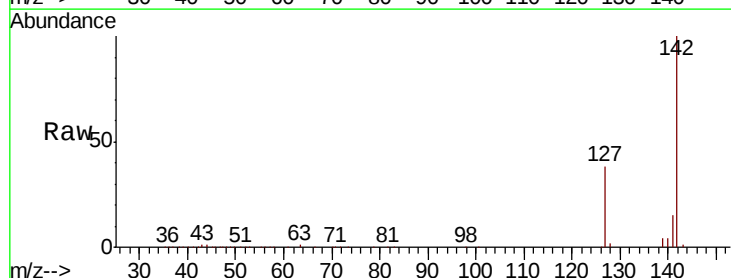
Tgt Ion:142 Resp: 156383

Ion Ratio Lower Upper

142 100

127 39.7 31.1 46.7

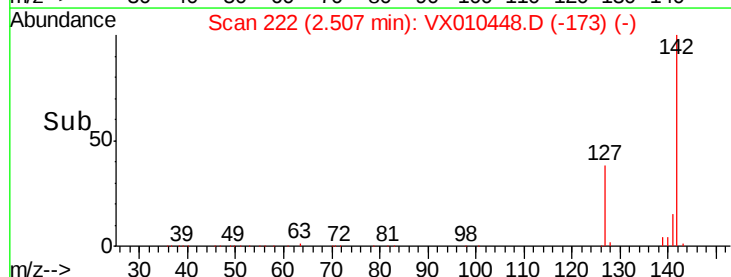
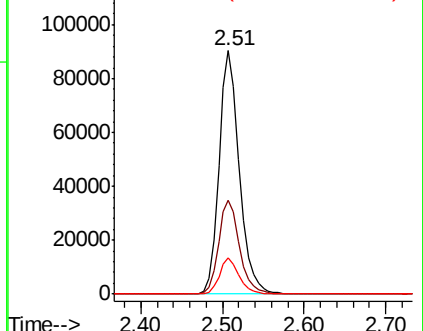
141 14.4 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

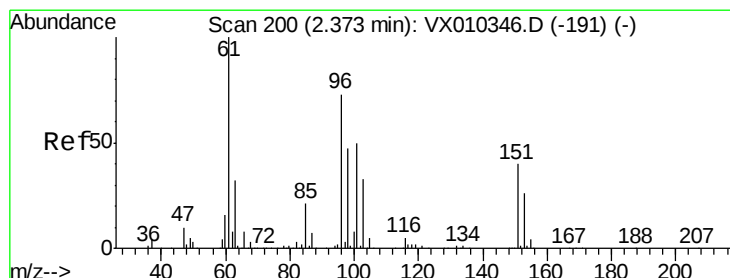
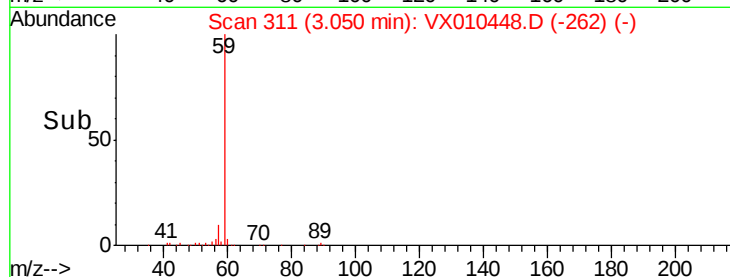
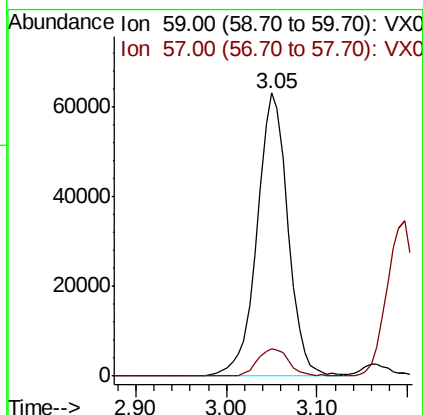
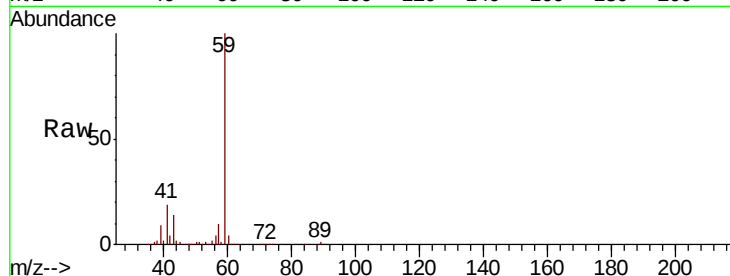




#11
Tert butyl alcohol
Concen: 203.050 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

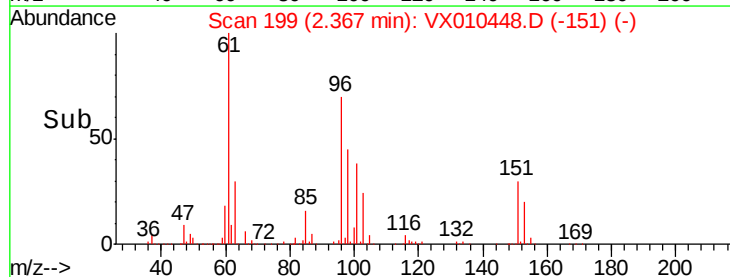
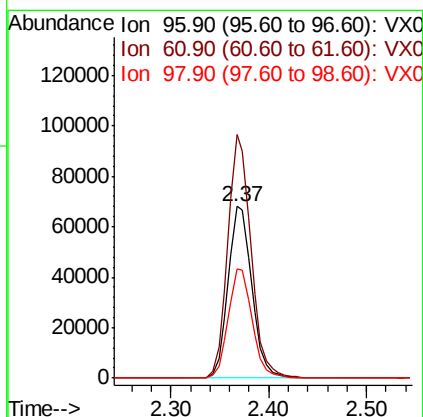
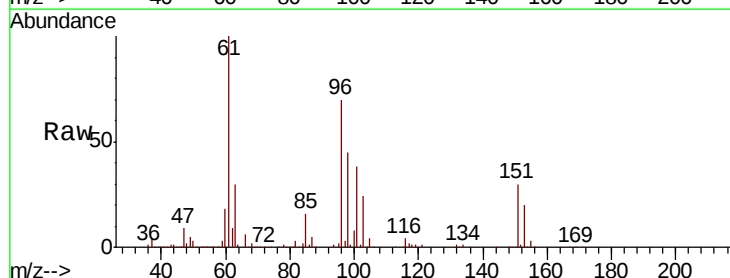
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 148882
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 44.452 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion: 96 Resp: 115152
Ion Ratio Lower Upper
96 100
61 141.9 109.2 163.8
98 63.9 51.1 76.7





#13

Acrolein

Concen: 193.563 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

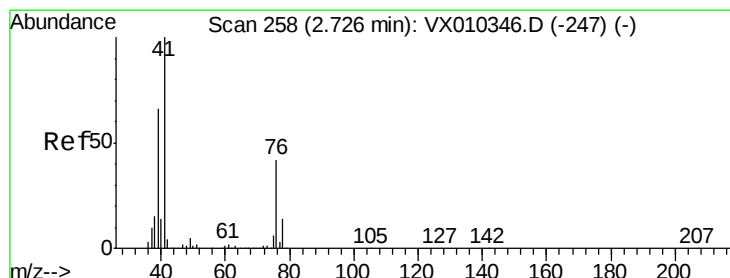
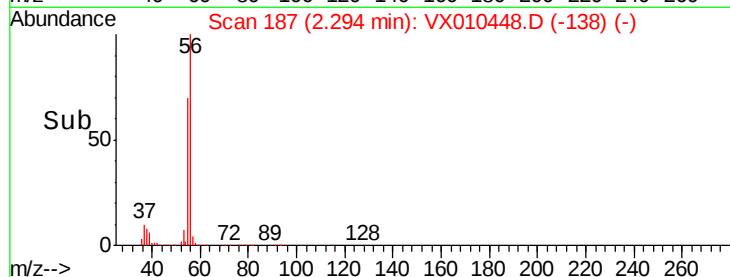
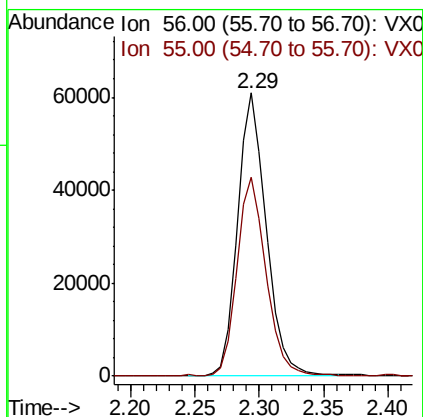
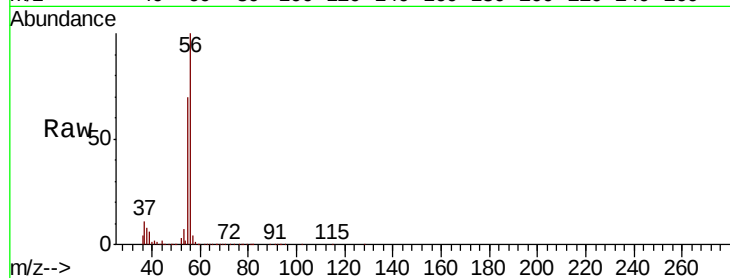
VSTDCCC050

Tot Ion: 56 Resp: 94150

Ion Ratio Lower Upper

56 100

55 70.9 56.9 85.3



#14

Allyl chloride

Concen: 45.912 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

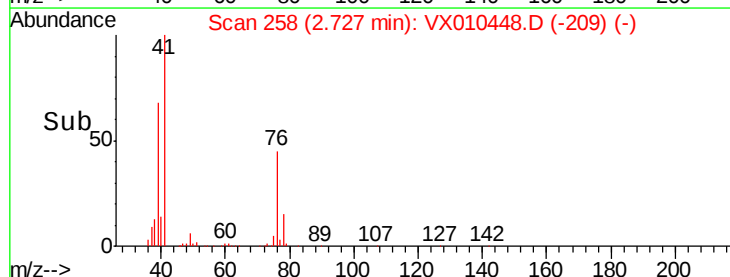
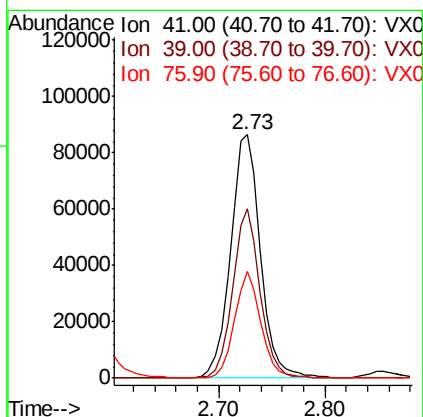
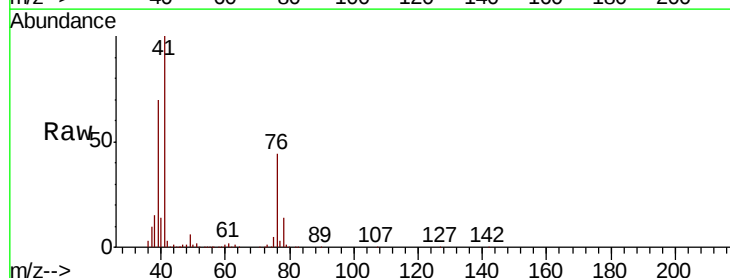
Tgt Ion: 41 Resp: 168854

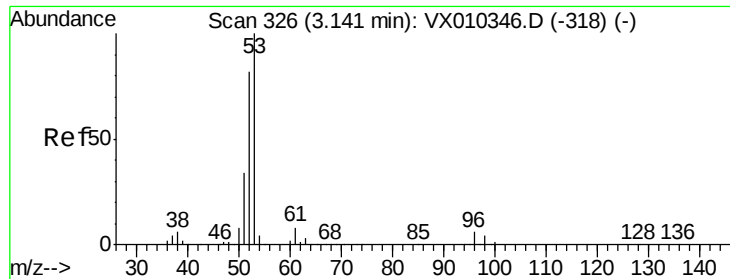
Ion Ratio Lower Upper

41 100

39 63.6 50.3 75.5

76 39.3 31.3 46.9





#15

Acrylonitrile

Concen: 227.121 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

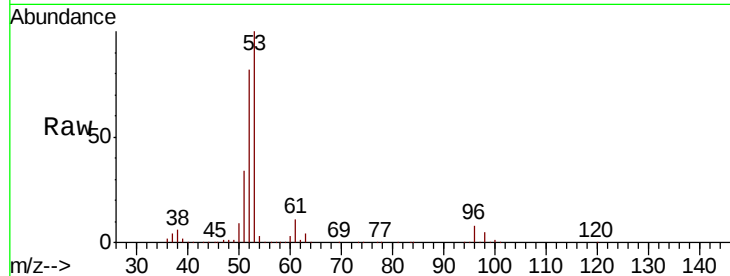
Tot Ion: 53 Resp: 329713

Ion Ratio Lower Upper

53 100

52 81.8 65.5 98.3

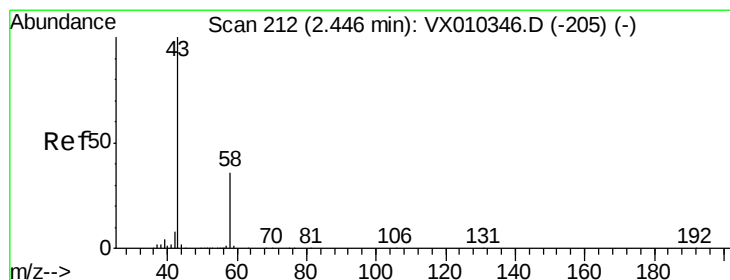
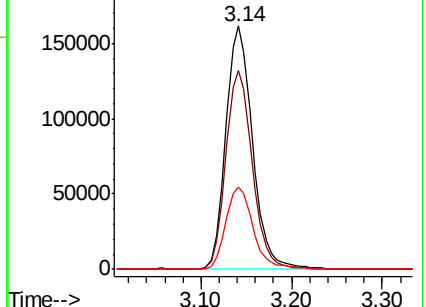
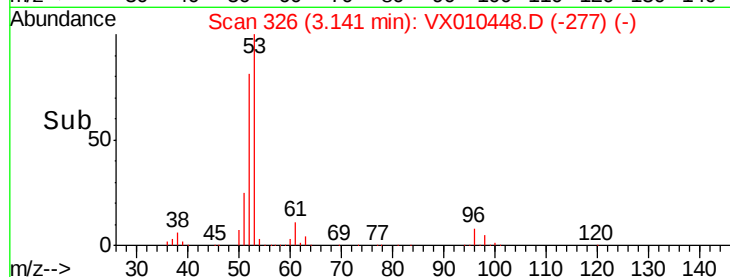
51 35.3 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 257.758 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010448.D

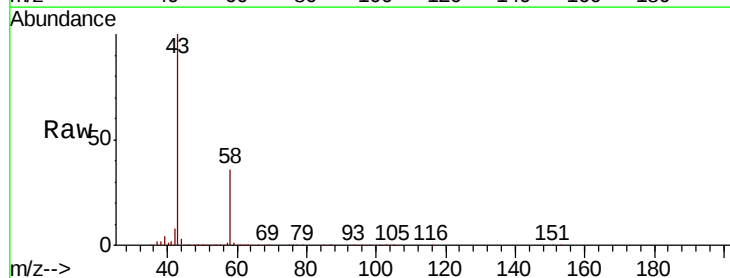
Acq: 26 Jun 2019 09:21

Tgt Ion: 43 Resp: 361981

Ion Ratio Lower Upper

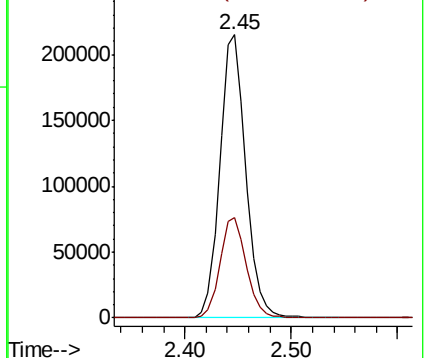
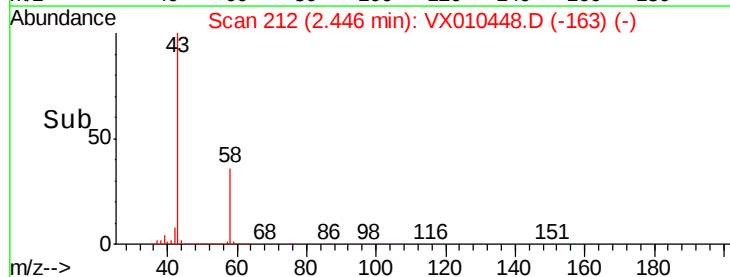
43 100

58 35.5 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

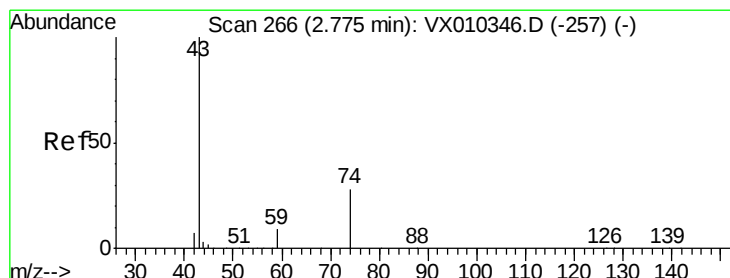
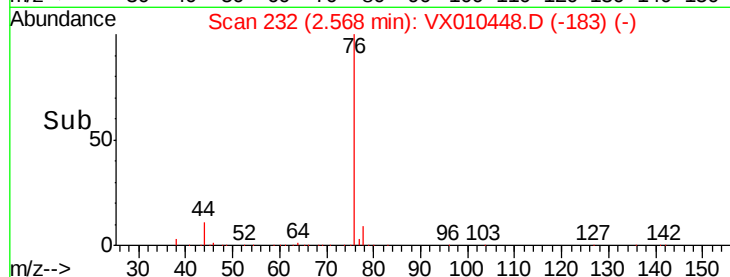
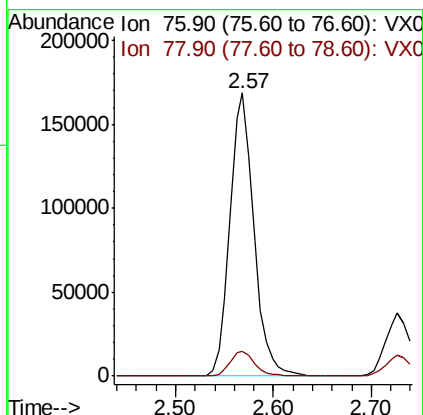
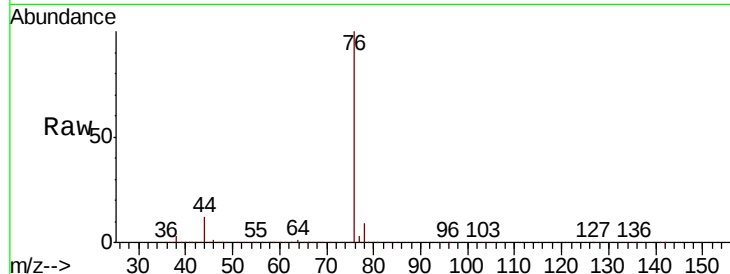




#17
Carbon Disulfide
Concen: 41.316 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

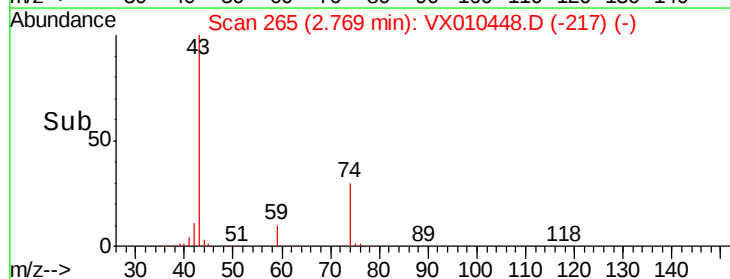
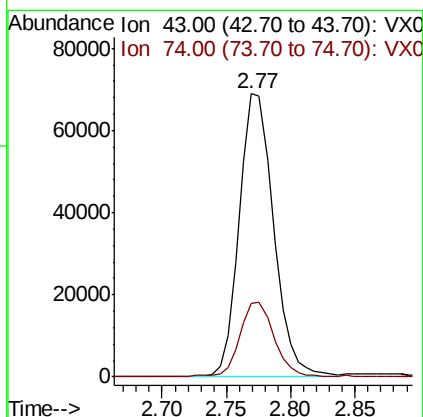
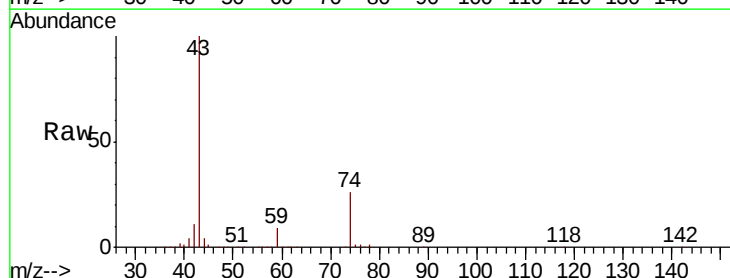
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

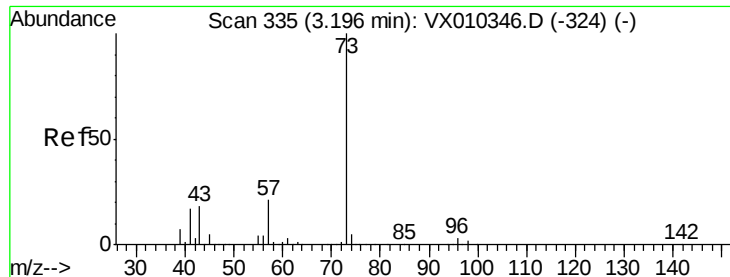
Tot Ion: 76 Resp: 287142
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 45.386 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion: 43 Resp: 127034
Ion Ratio Lower Upper
43 100
74 26.9 21.3 31.9

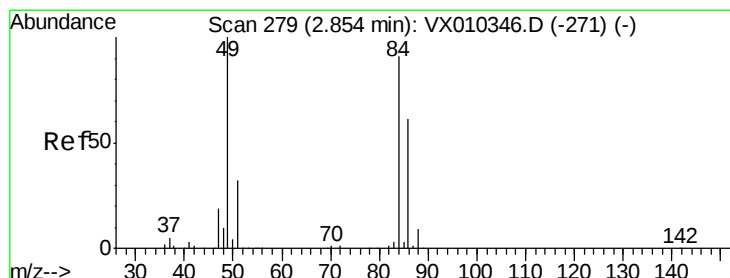
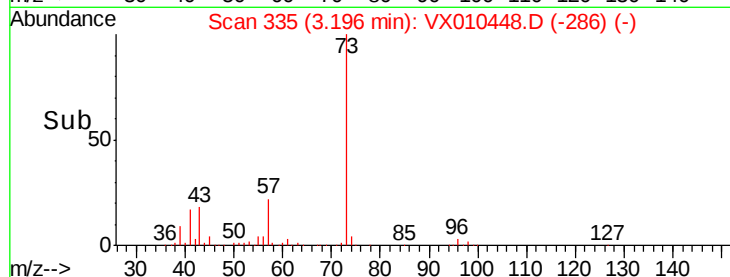
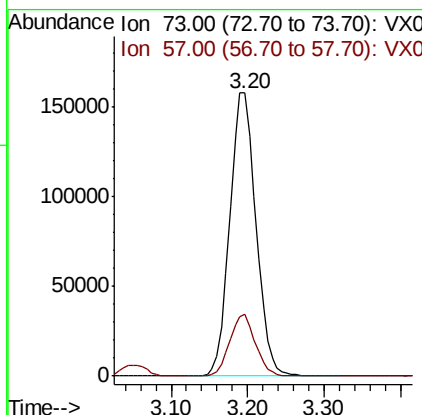
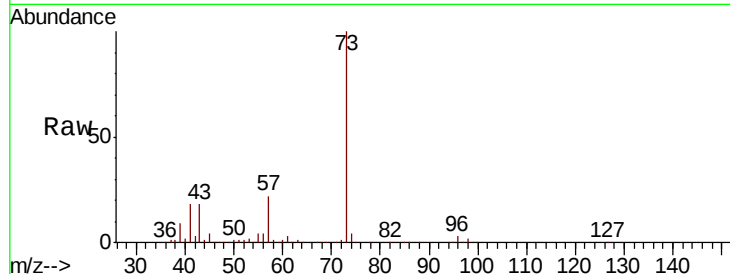




#19
Methyl tert-butyl Ether
Concen: 45.841 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

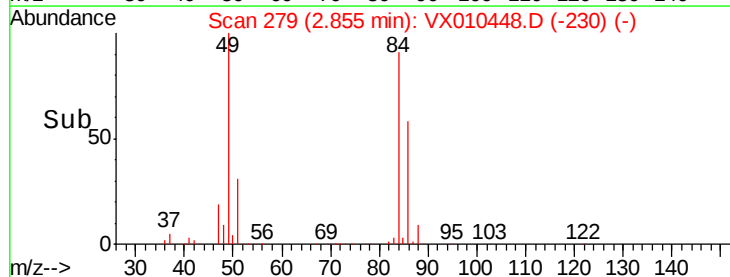
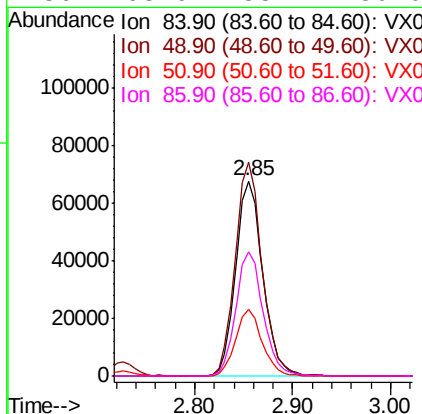
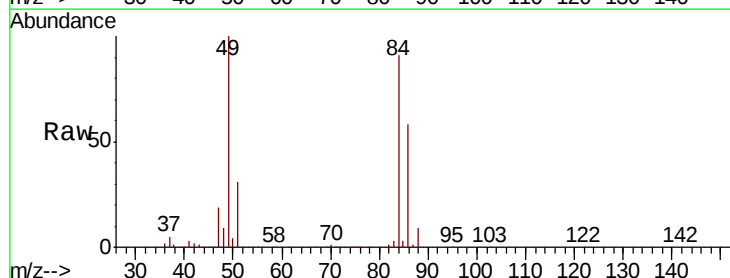
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 373577
Ion Ratio Lower Upper
73 100
57 22.0 16.4 24.6



#20
Methylene Chloride
Concen: 45.308 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion: 84 Resp: 130943
Ion Ratio Lower Upper
84 100
49 109.4 87.5 131.3
51 33.7 27.7 41.5
86 63.9 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 44.687 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

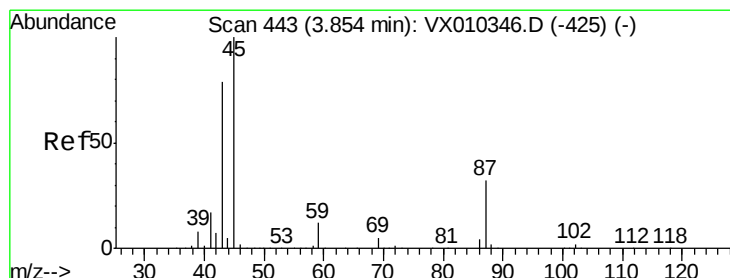
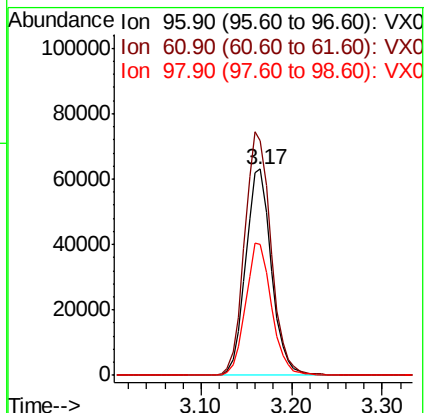
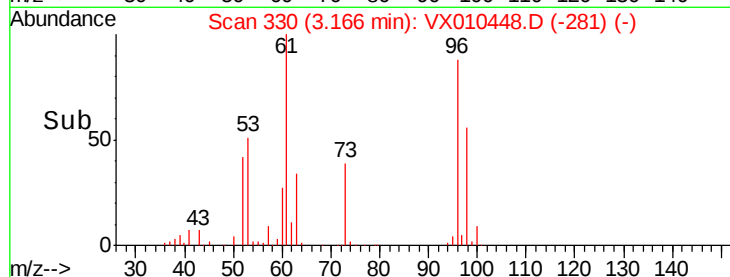
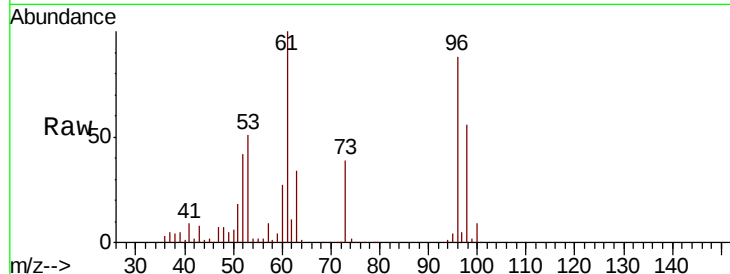
Tot Ion: 96 Resp: 124501

Ion Ratio Lower Upper

96 100

61 113.4 95.6 143.4

98 63.8 52.5 78.7



#22

Diisopropyl ether

Concen: 46.019 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Tgt Ion: 45 Resp: 353857

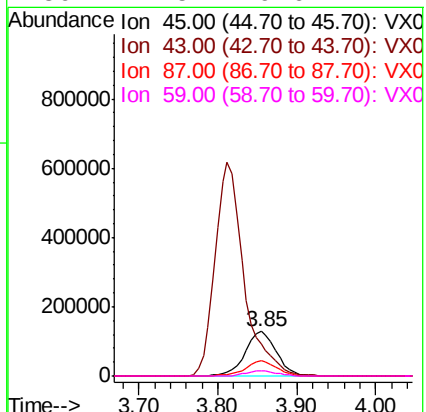
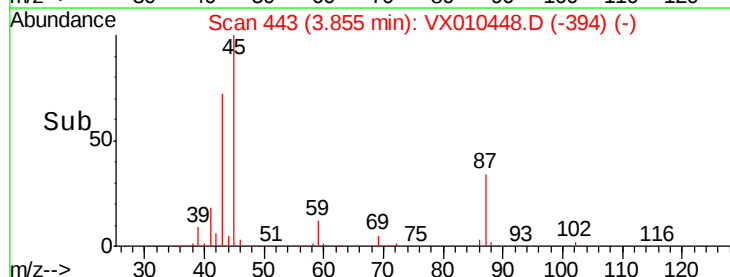
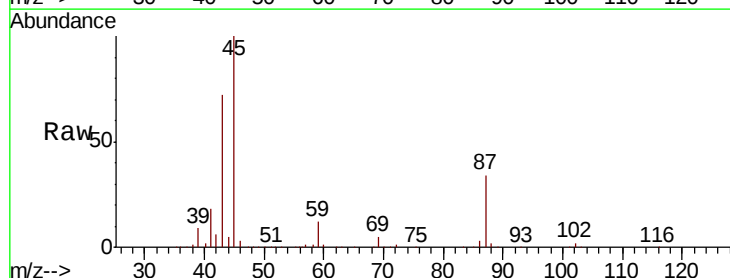
Ion Ratio Lower Upper

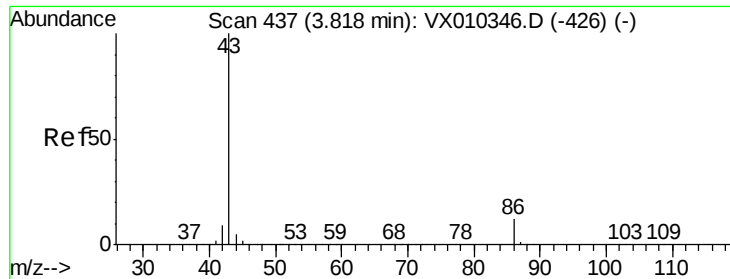
45 100

43 71.2 63.3 94.9

87 33.8 25.8 38.8

59 12.5 9.6 14.4





#23

Vinyl Acetate

Concen: 238.787 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

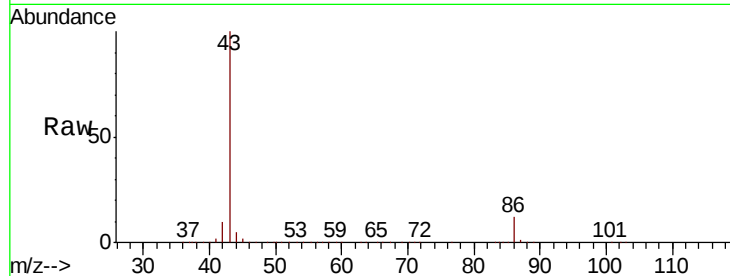
VSTDCCC050

Tot Ion: 43 Resp: 1586201

Ion Ratio Lower Upper

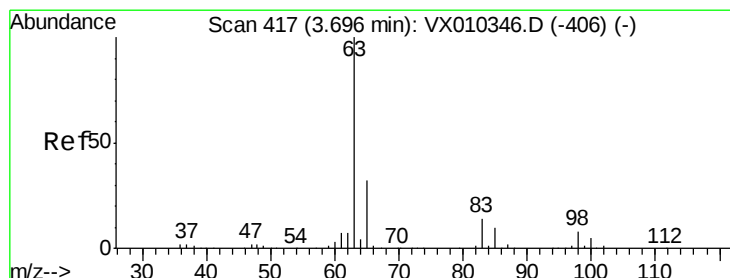
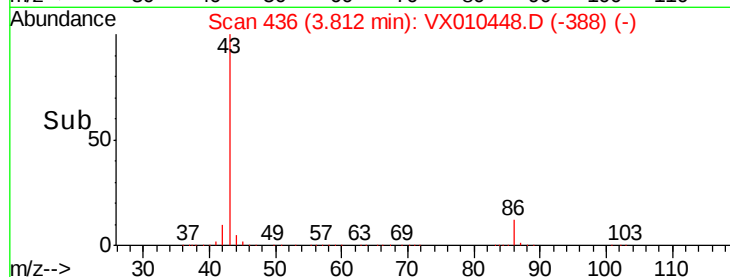
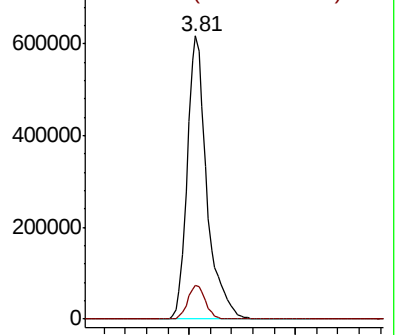
43 100

86 12.0 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.802 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

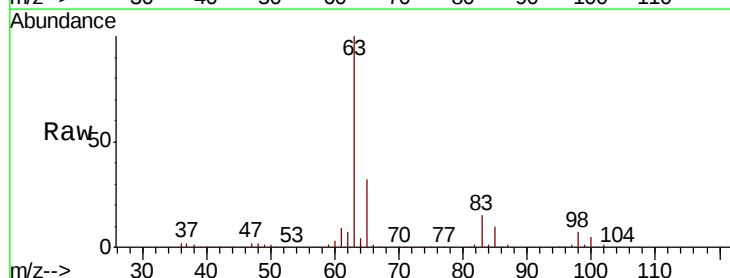
Tgt Ion: 63 Resp: 203574

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

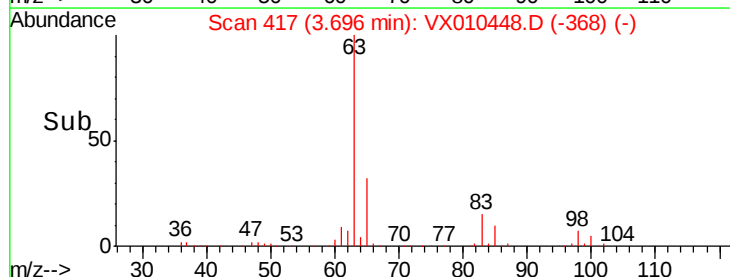
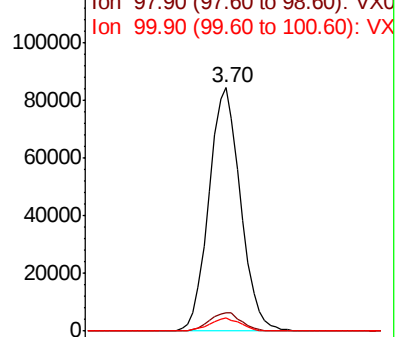
100 5.4 2.4 7.1

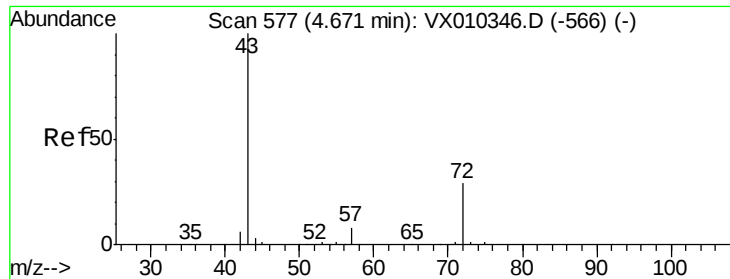


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 241.962 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

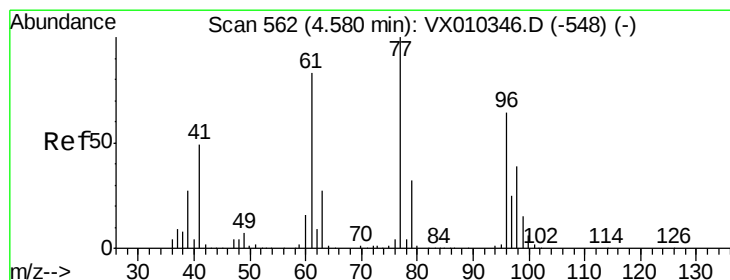
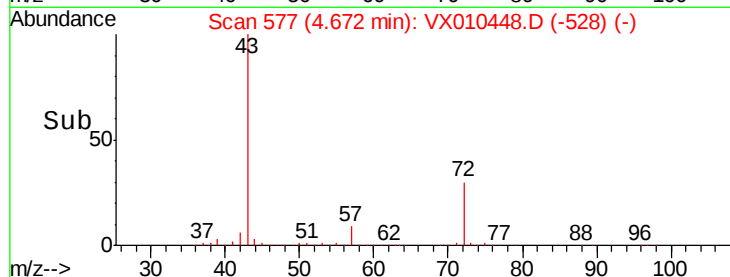
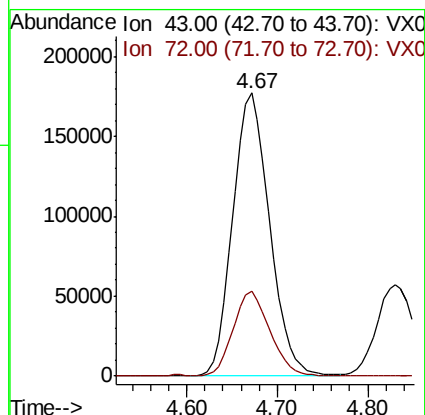
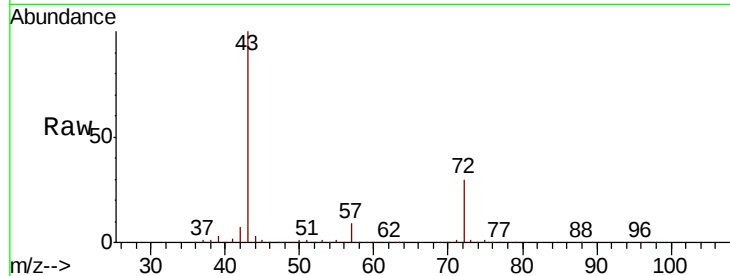
VSTDCCC050

Tot Ion: 43 Resp: 498441

Ion Ratio Lower Upper

43 100

72 29.8 23.3 34.9



#26

2,2-Dichloropropane

Concen: 47.425 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010448.D

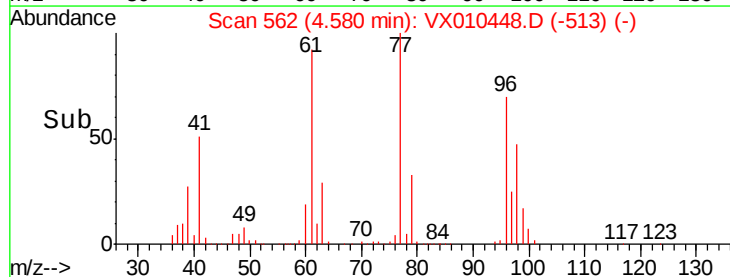
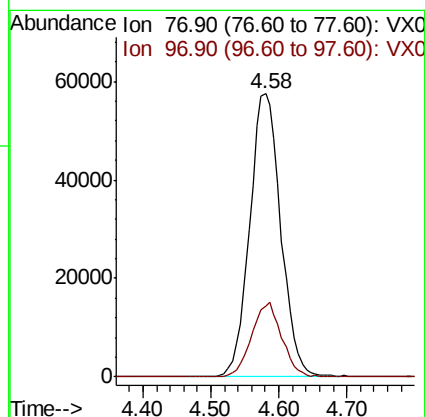
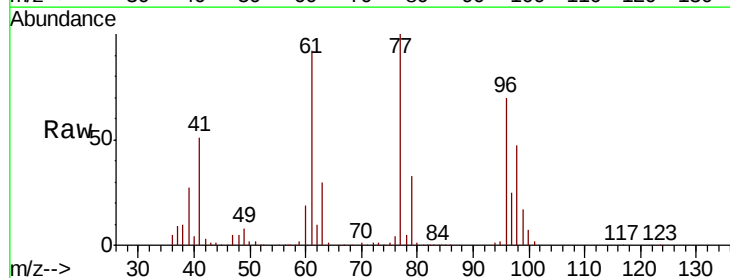
Acq: 26 Jun 2019 09:21

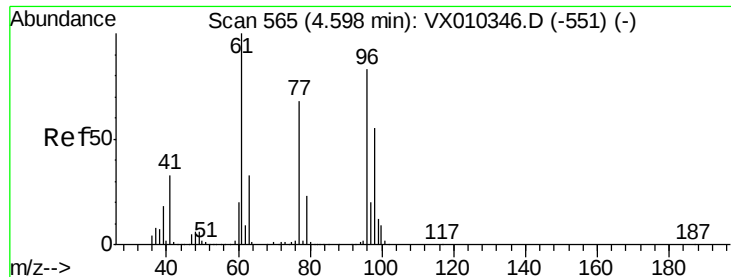
Tgt Ion: 77 Resp: 183113

Ion Ratio Lower Upper

77 100

97 25.5 13.1 39.3



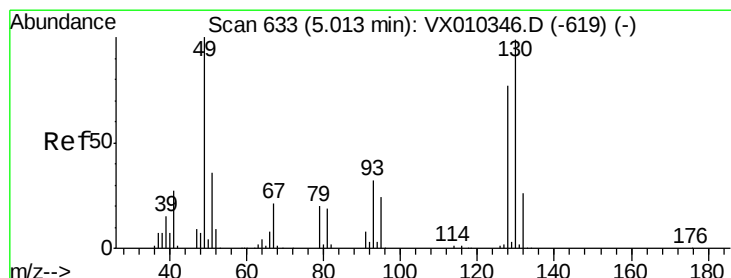
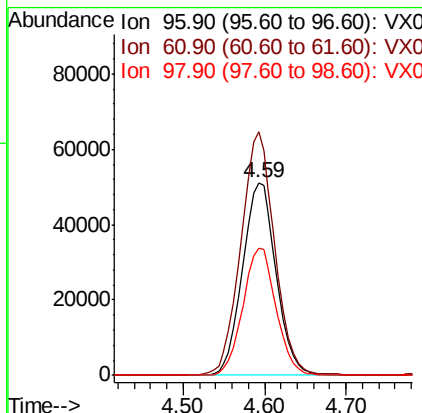
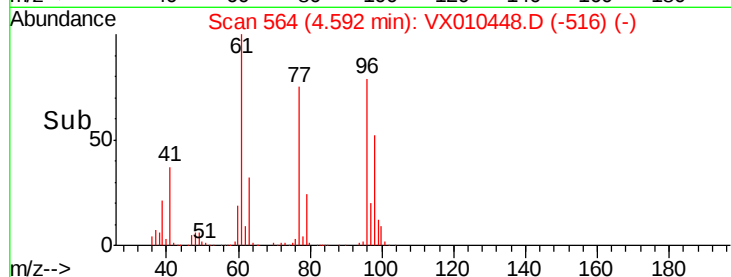
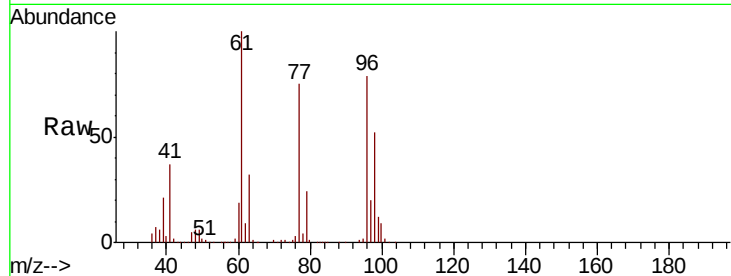


#27

cis-1,2-Dichloroethene
Concen: 45.512 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

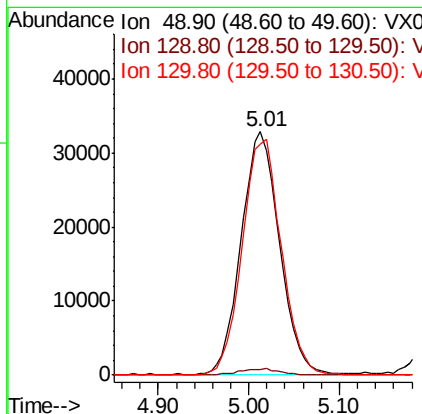
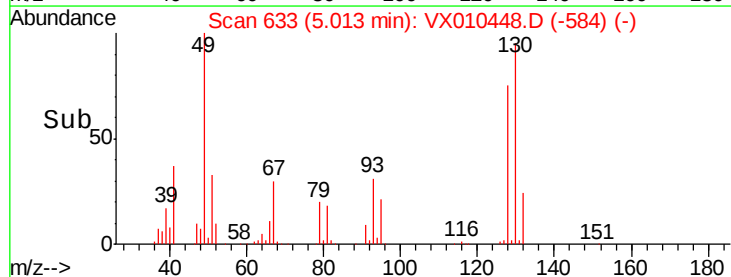
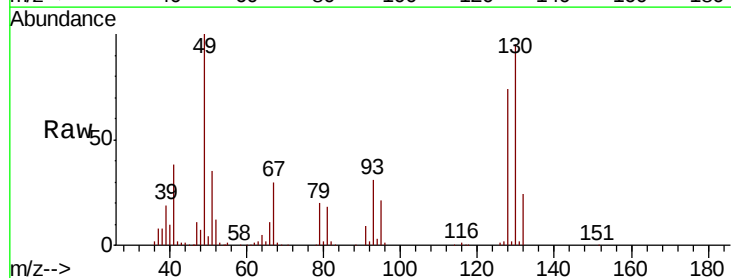
Tot Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	251.8
98	65.4	0.0	129.4

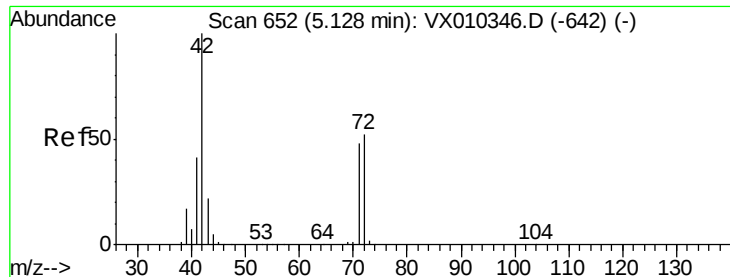


#28

Bromochloromethane
Concen: 45.492 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	98.4	81.4	122.0





#29

Tetrahydrofuran

Concen: 224.143 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

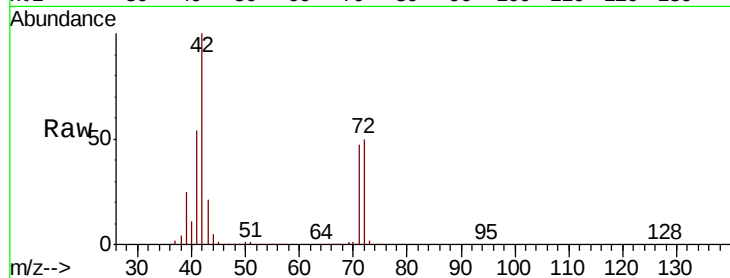
Tot Ion: 42 Resp: 286001

Ion Ratio Lower Upper

42 100

72 51.3 40.6 60.8

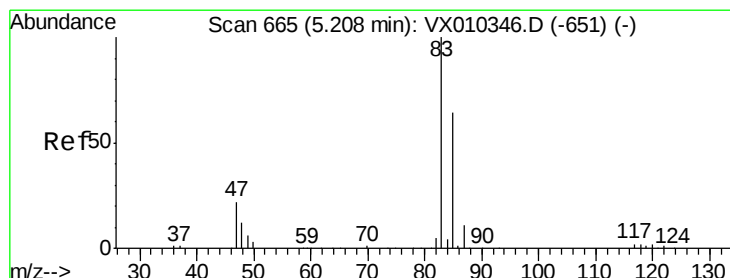
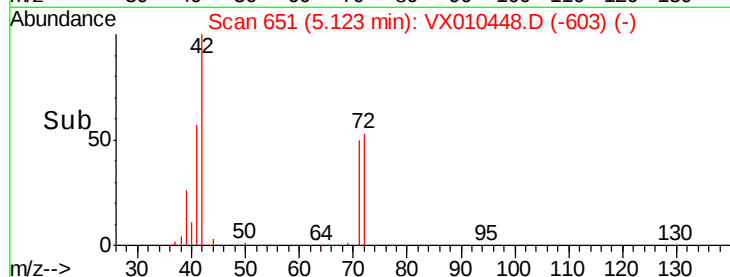
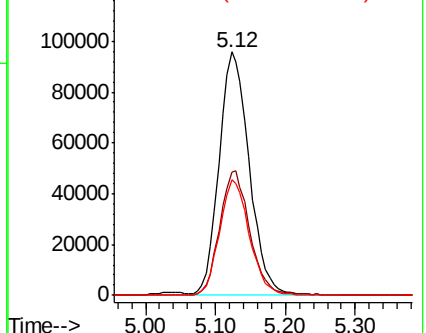
71 47.1 37.8 56.8



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: 45.908 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010448.D

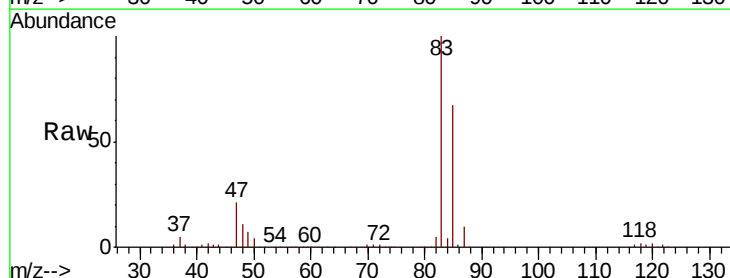
Acq: 26 Jun 2019 09:21

Tgt Ion: 83 Resp: 219544

Ion Ratio Lower Upper

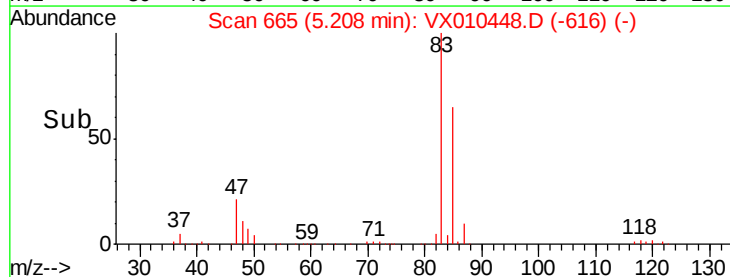
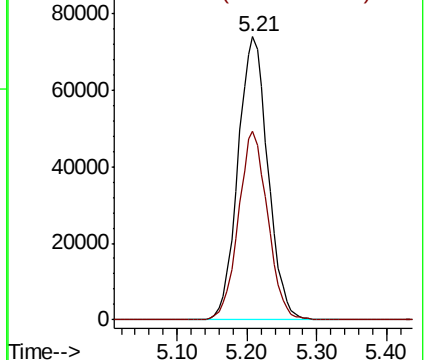
83 100

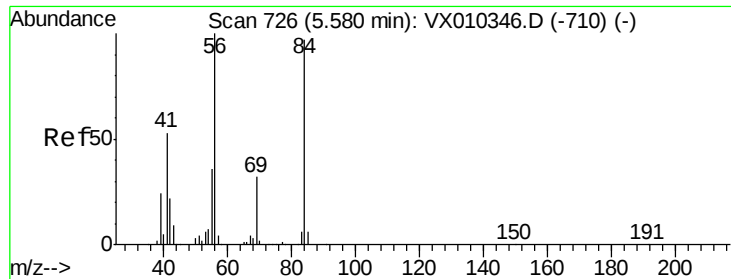
85 66.6 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

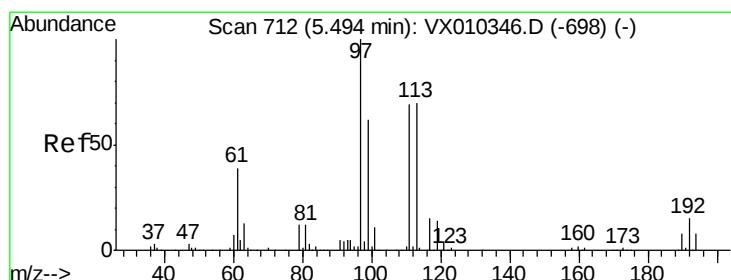
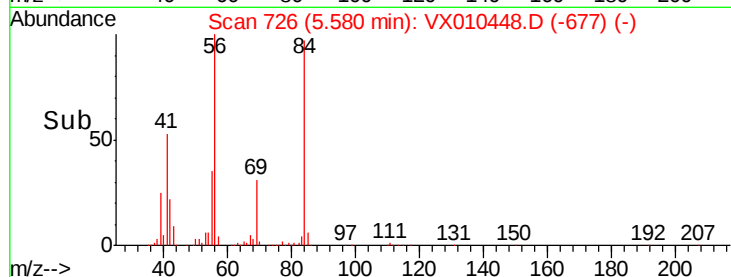
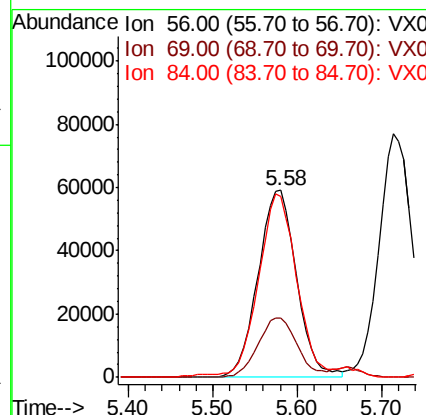
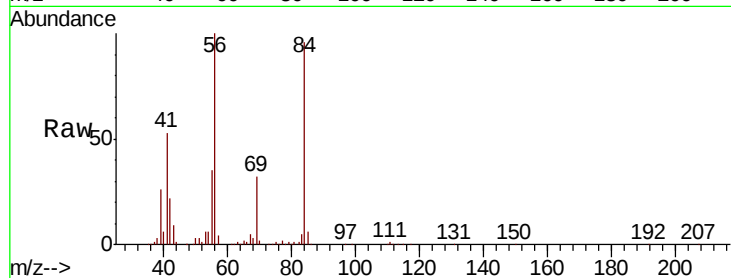




#31
Cyclohexane
Concen: 45.804 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

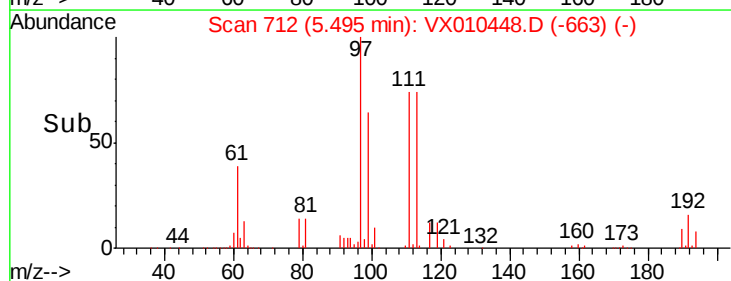
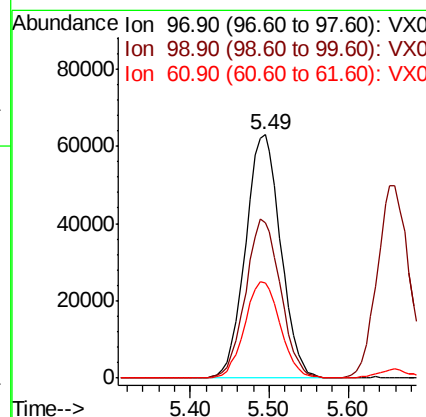
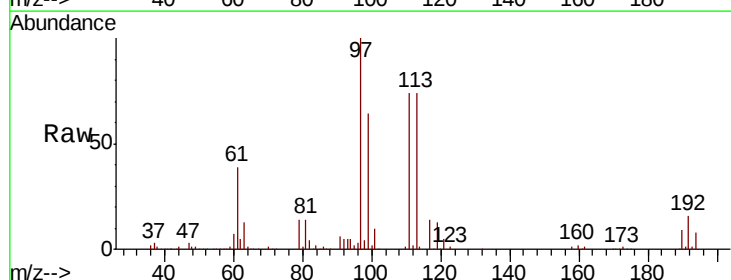
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

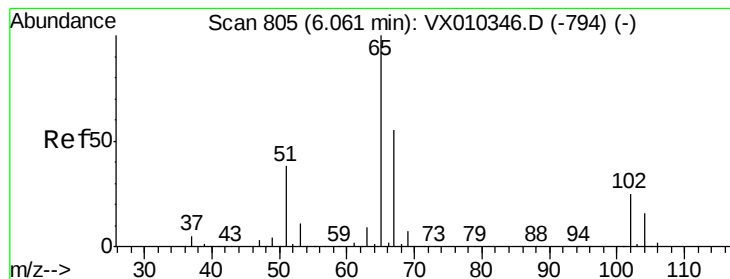
Tot Ion: 56 Resp: 185394
Ion Ratio Lower Upper
56 100
69 31.5 25.9 38.9
84 95.4 78.0 117.0



#32
1,1,1-Trichloroethane
Concen: 46.333 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion: 97 Resp: 195650
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.8
61 40.1 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 47.335 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampled :

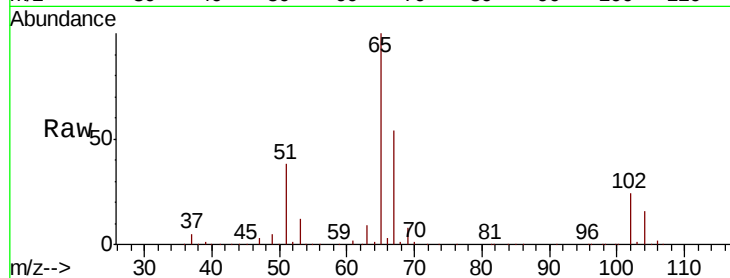
VSTDCCC050

Tot Ion: 65 Resp: 132639

Ion Ratio Lower Upper

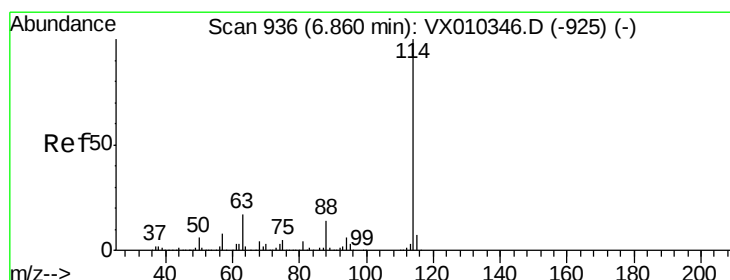
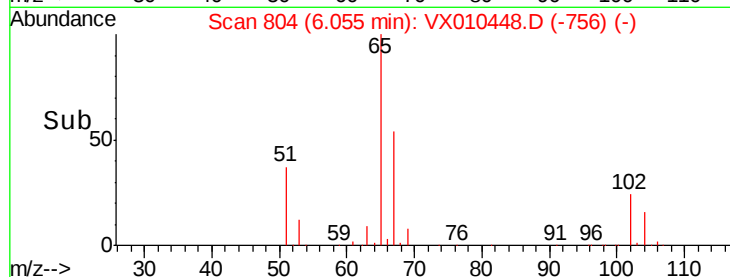
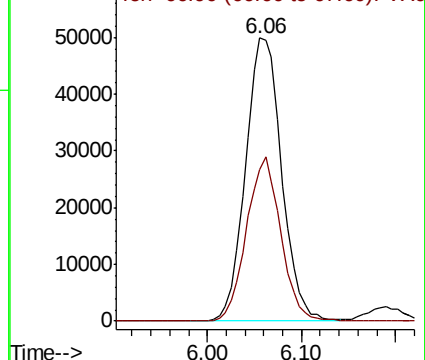
65 100

67 55.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

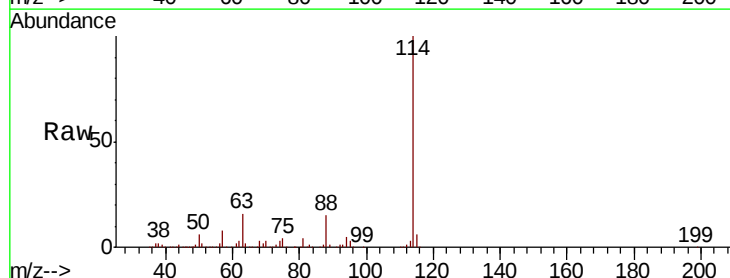
Tgt Ion: 114 Resp: 429569

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.8

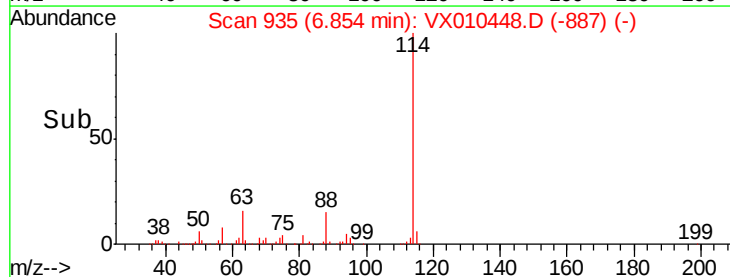
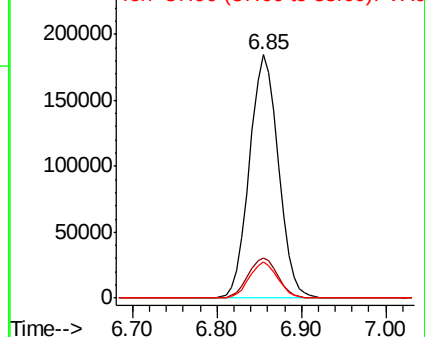
88 14.7 0.0 27.6

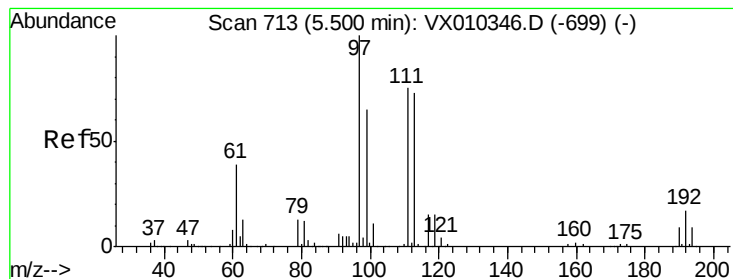


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.367 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

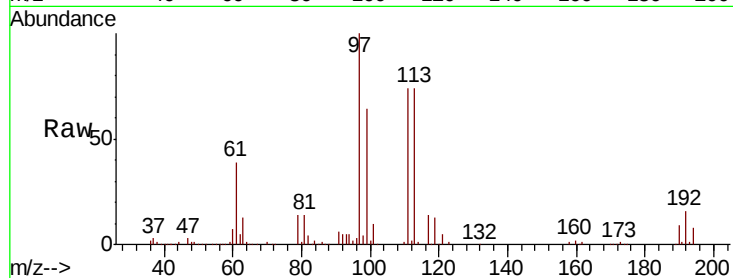
Tot Ion:113 Resp: 132378

Ion Ratio Lower Upper

113 100

111 101.1 81.2 121.8

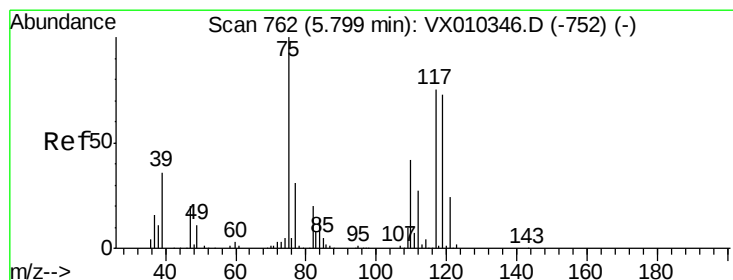
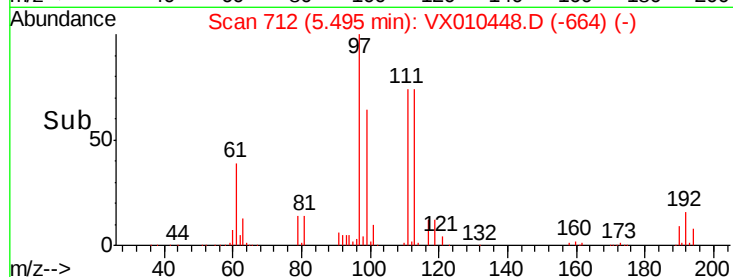
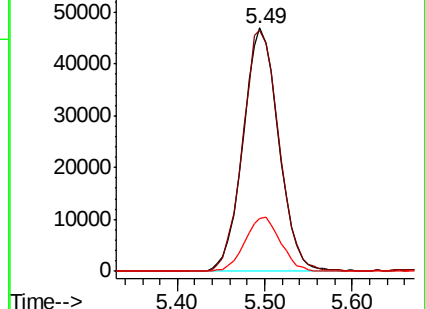
192 22.4 18.6 27.8



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: 47.360 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

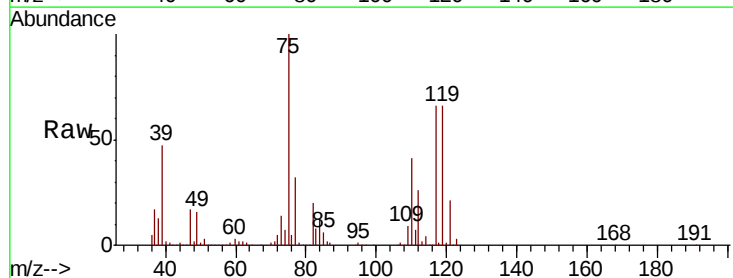
Tgt Ion: 75 Resp: 161668

Ion Ratio Lower Upper

75 100

110 41.1 20.8 62.2

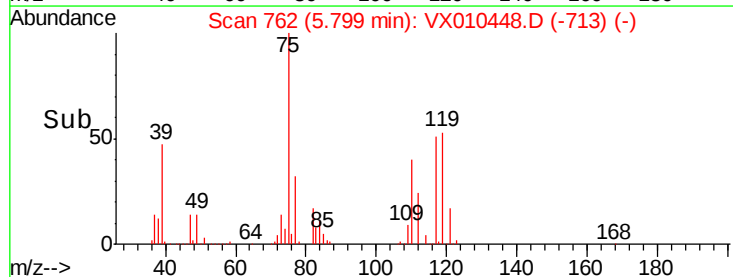
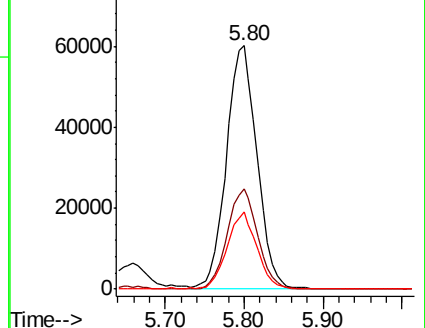
77 30.9 25.4 38.0

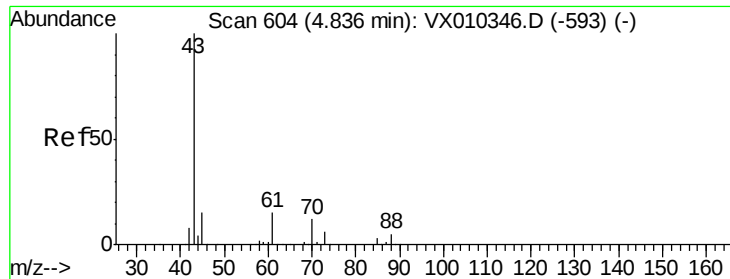


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.276 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

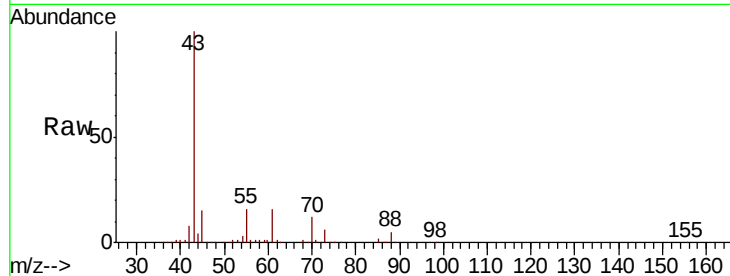
Tot Ion: 43 Resp: 169533

Ion Ratio Lower Upper

43 100

61 15.6 12.4 18.6

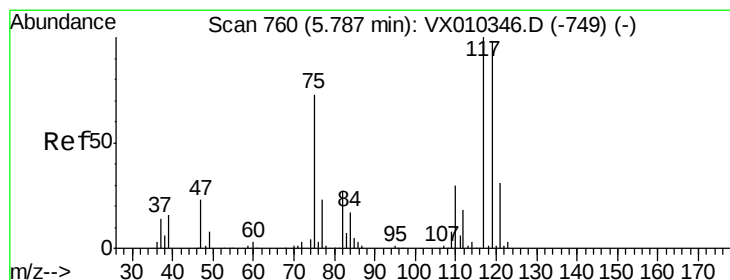
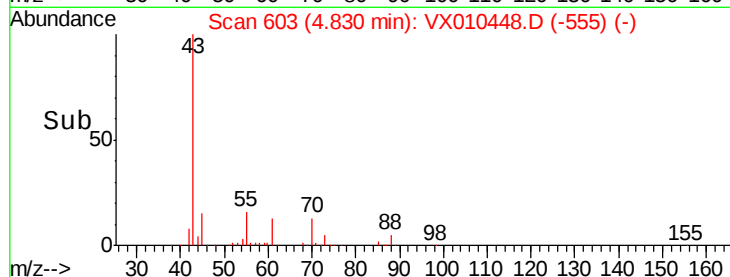
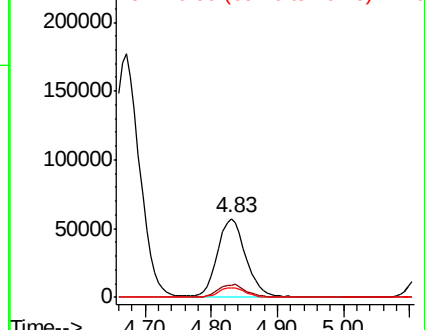
70 12.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 47.666 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

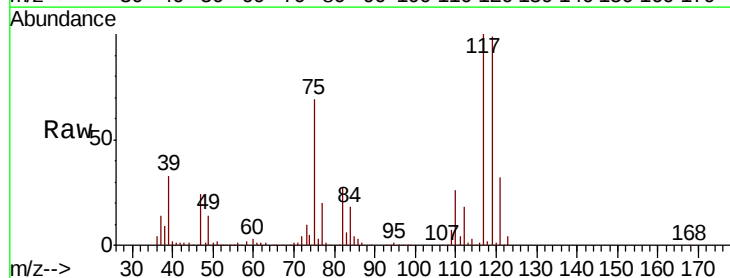
Tgt Ion: 117 Resp: 176195

Ion Ratio Lower Upper

117 100

119 98.6 78.2 117.4

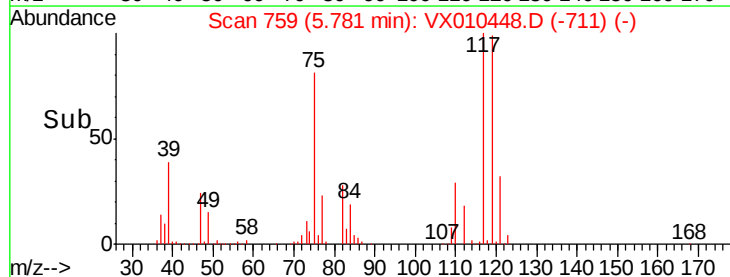
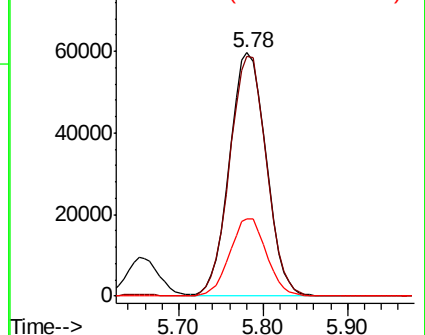
121 31.9 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

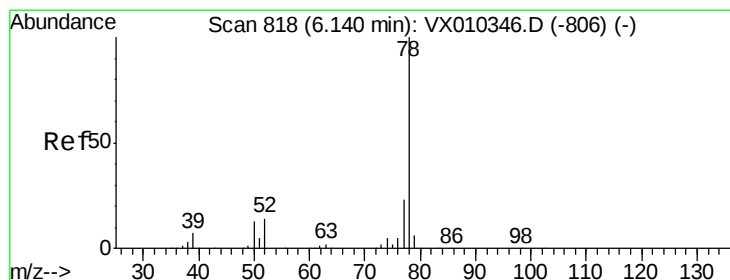
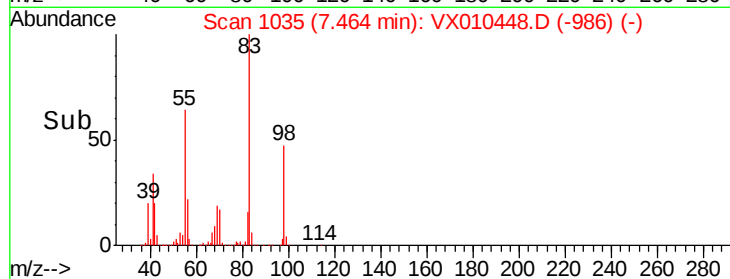
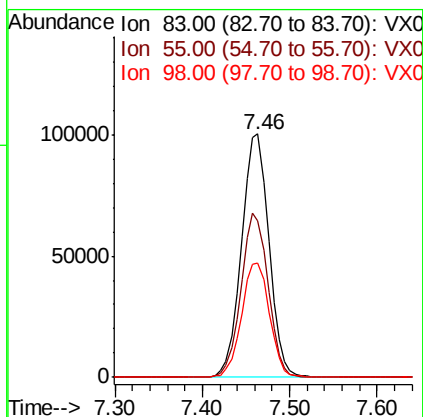
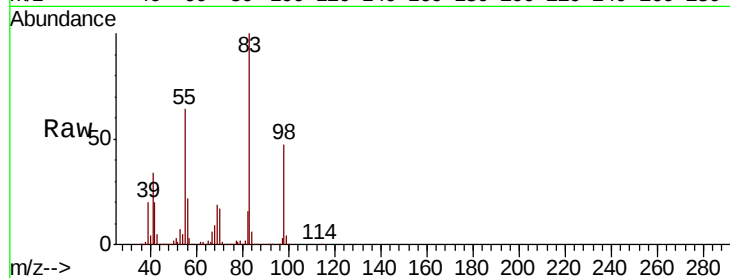




#39
Methvlcvclohexane
Concen: 48.620 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

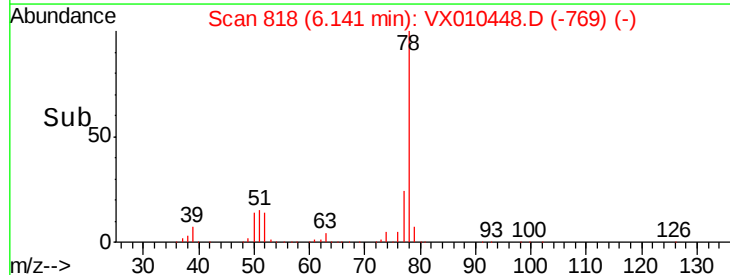
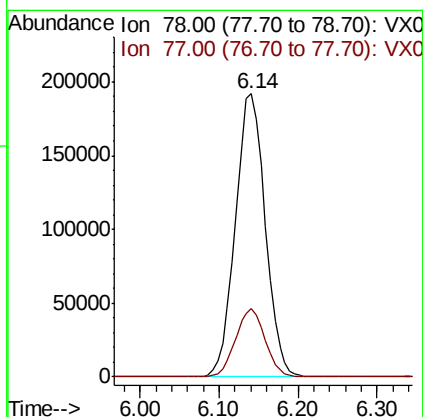
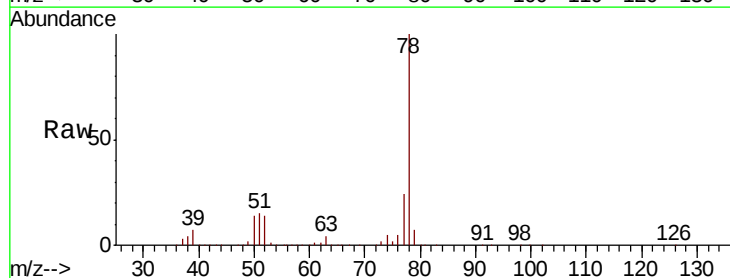
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

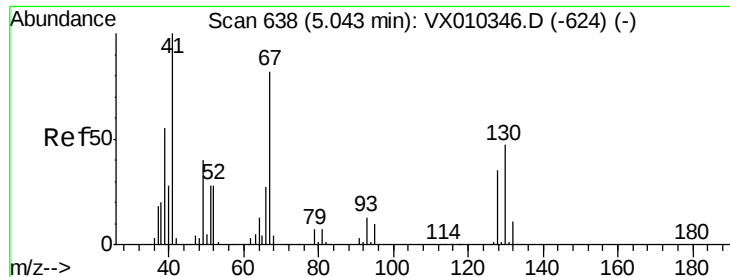
Tot Ion: 83 Resp: 218160
Ion Ratio Lower Upper
83 100
55 64.0 53.0 79.6
98 47.2 37.8 56.8



#40
Benzene
Concen: 47.683 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion: 78 Resp: 507107
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0





#41

Methacrylonitrile

Concen: 46.977 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 90518

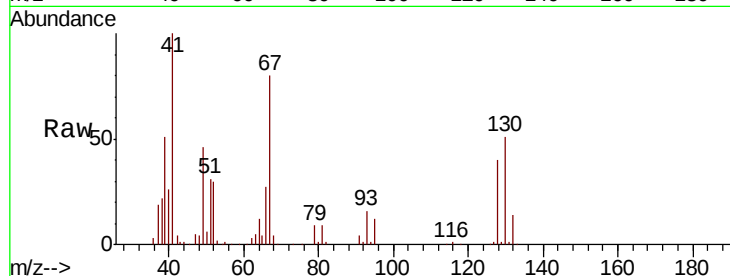
Ion Ratio Lower Upper

41 100

39 54.1 43.8 65.8

67 84.1 66.6 100.0

52 31.5 24.5 36.7

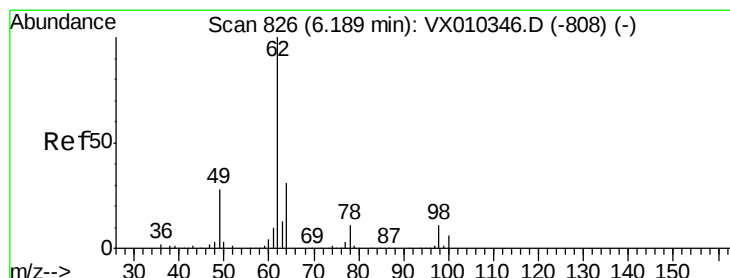
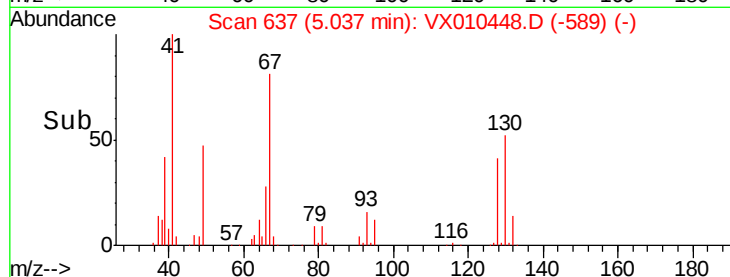
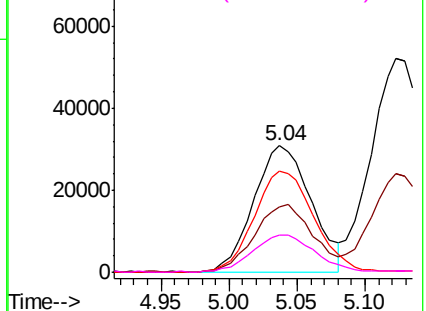


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.287 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010448.D

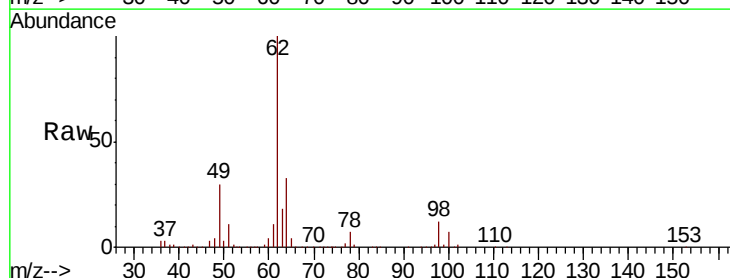
Acq: 26 Jun 2019 09:21

Tgt Ion: 62 Resp: 159557

Ion Ratio Lower Upper

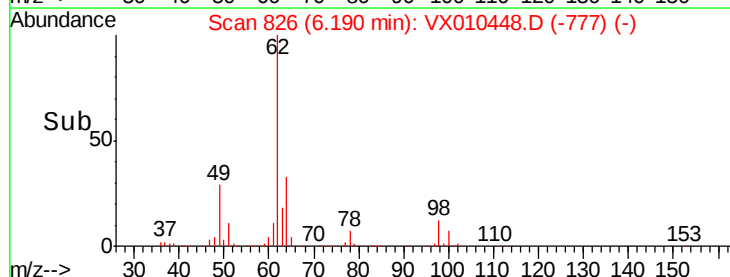
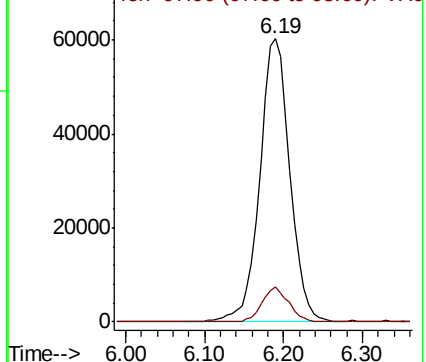
62 100

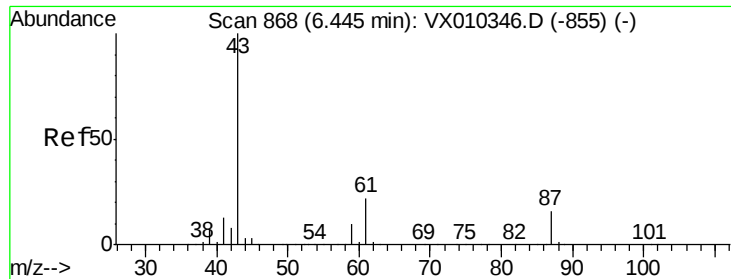
98 10.9 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.247 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

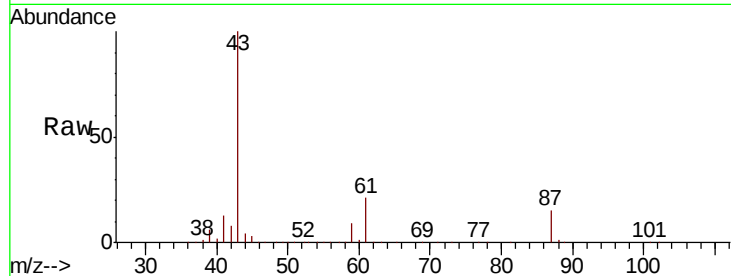
Tot Ion: 43 Resp: 280322

Ion Ratio Lower Upper

43 100

61 21.4 17.8 26.6

87 15.8 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX010346.D (-855) (-)

Ion 61.00 (60.70 to 61.70): VX010346.D (-855) (-)

Ion 87.00 (86.70 to 87.70): VX010346.D (-855) (-)

6.44

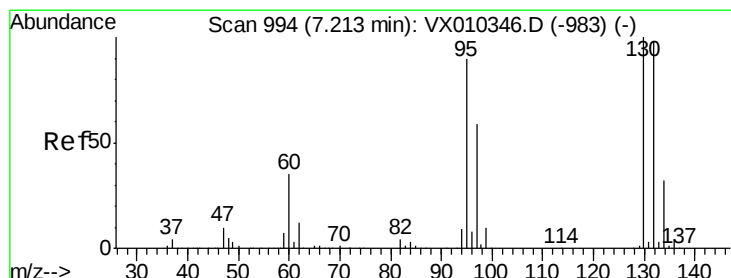
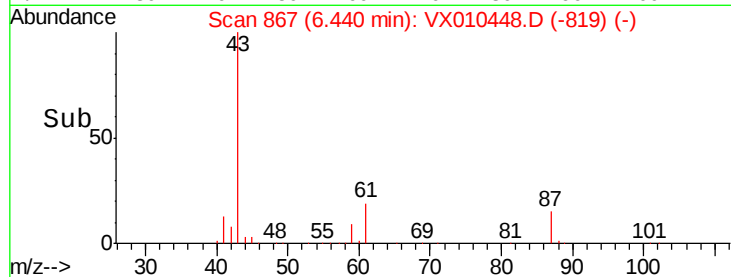
150000

100000

50000

0

Time--> 6.30 6.40 6.50



#44

Trichloroethene

Concen: 47.806 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010448.D

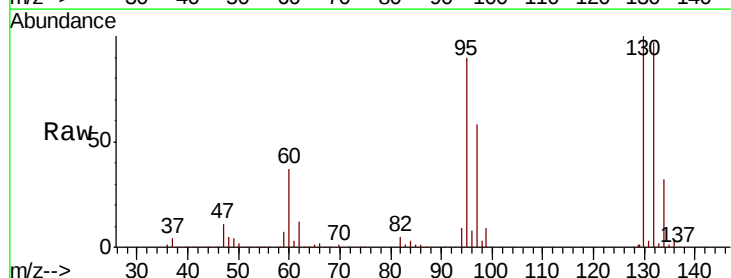
Acq: 26 Jun 2019 09:21

Tgt Ion:130 Resp: 152130

Ion Ratio Lower Upper

130 100

95 90.5 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): VX010346.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX010346.D (-983) (-)

7.21

80000

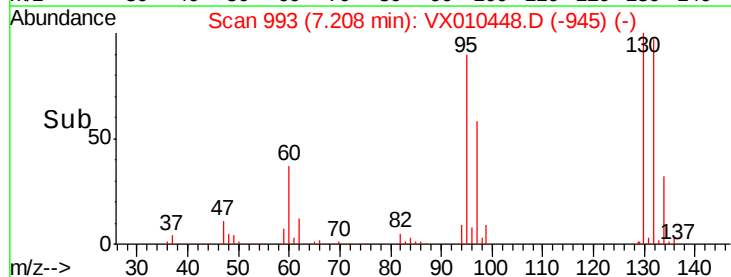
60000

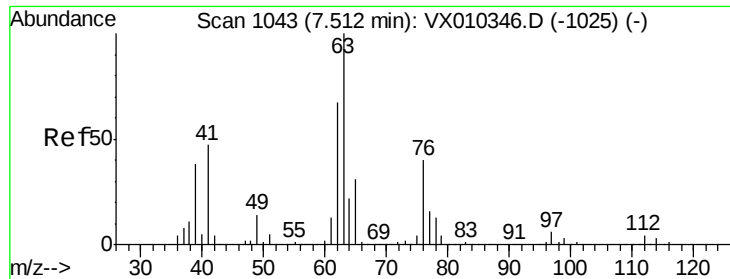
40000

20000

0

Time--> 7.10 7.20 7.30





#45

1,2-Dichloropropane

Concen: 47.591 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

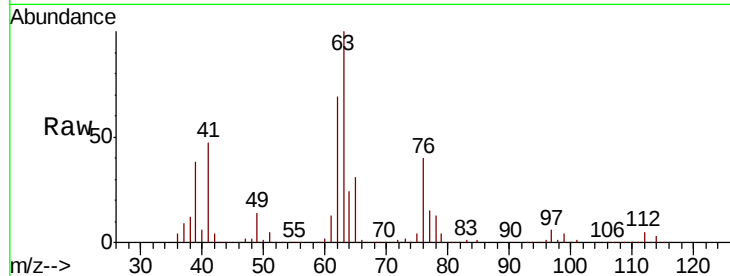
VSTDCCC050

Tot Ion: 63 Resp: 127811

Ion Ratio Lower Upper

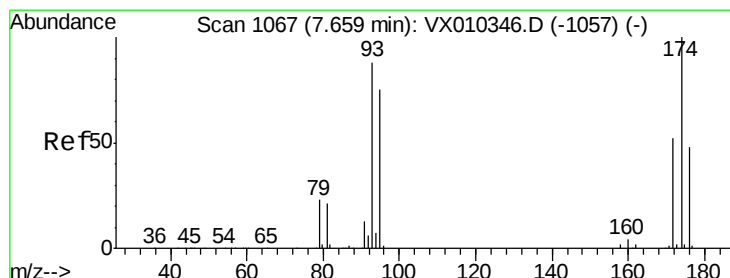
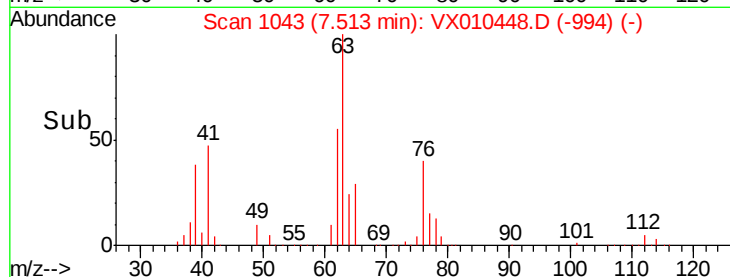
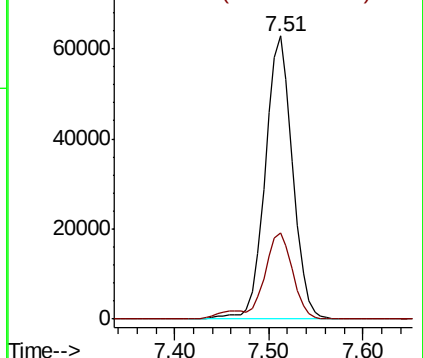
63 100

65 30.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.604 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

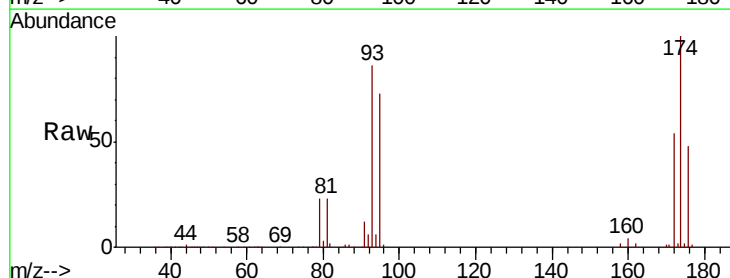
Tgt Ion: 93 Resp: 93653

Ion Ratio Lower Upper

93 100

95 81.6 67.5 101.3

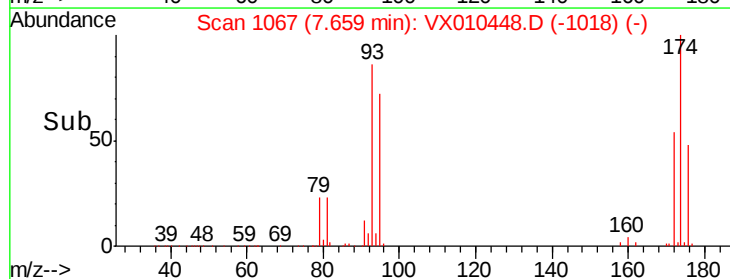
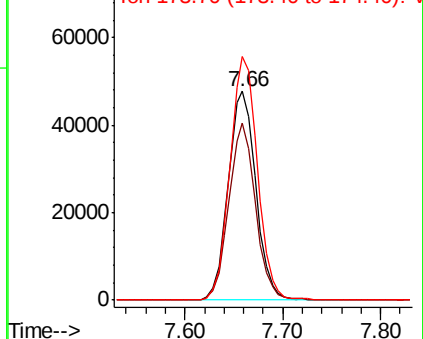
174 116.0 95.8 143.6

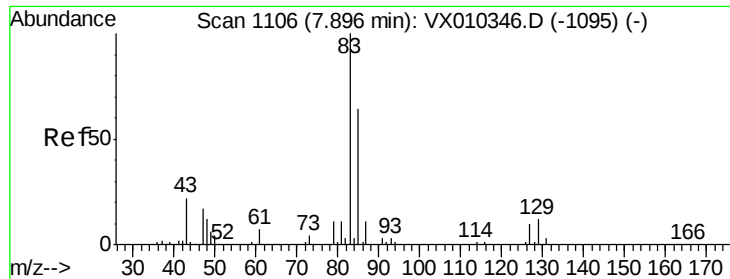


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.356 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

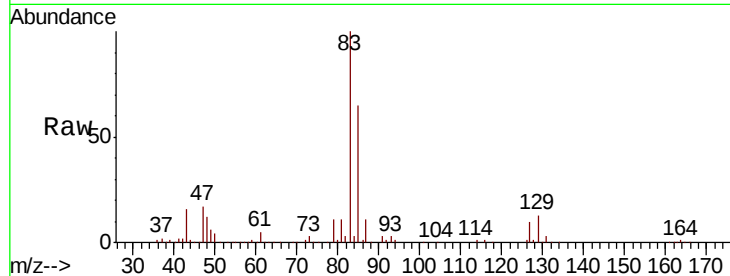
Tot Ion: 83 Resp: 170755

Ion Ratio Lower Upper

83 100

85 65.3 51.5 77.3

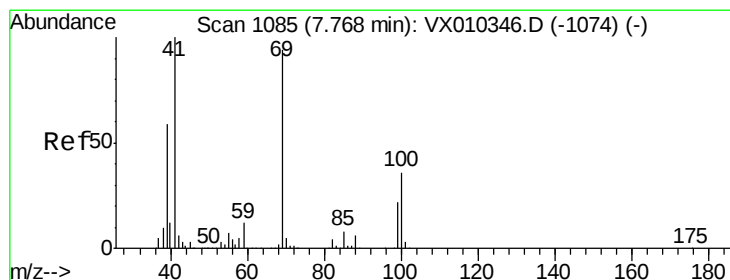
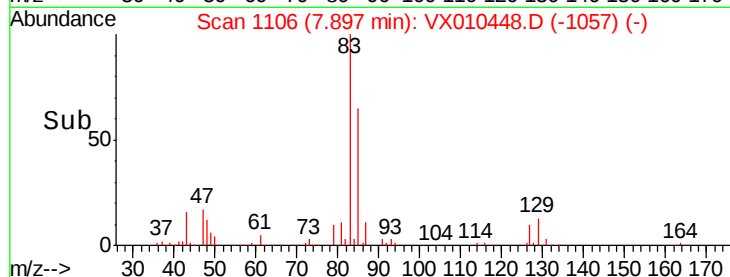
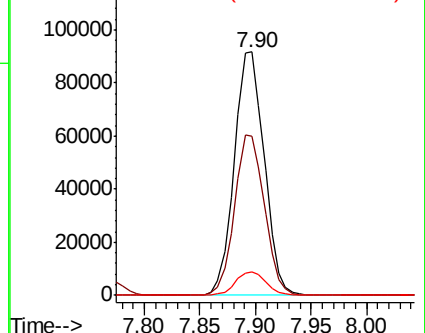
127 9.7 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.591 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

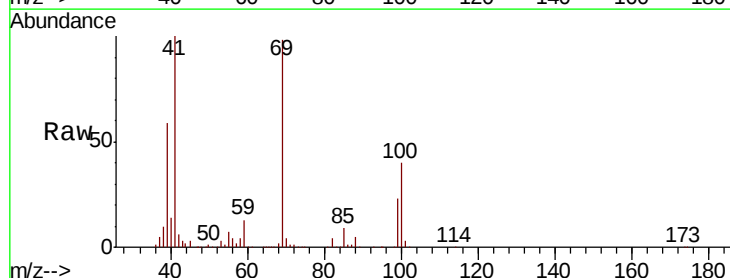
Tgt Ion: 41 Resp: 131227

Ion Ratio Lower Upper

41 100

69 96.1 76.1 114.1

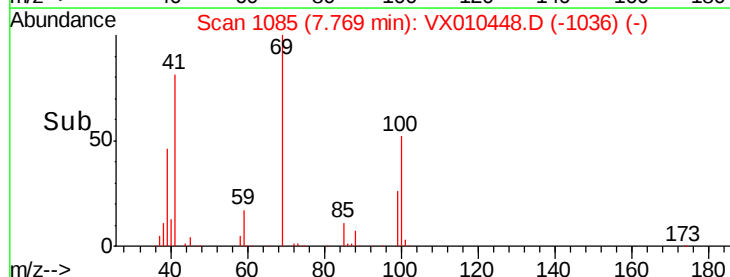
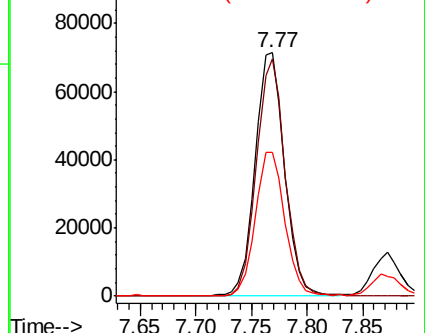
39 59.4 47.6 71.4

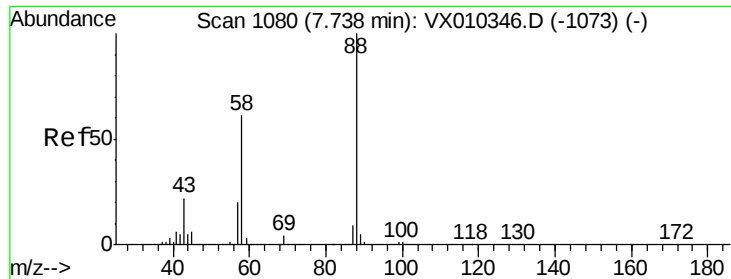


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 902.344 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

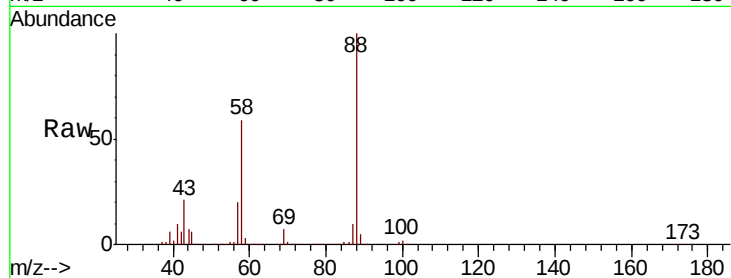
Tot Ion: 88 Resp: 70201

Ion Ratio Lower Upper

88 100

43 25.4 20.2 30.2

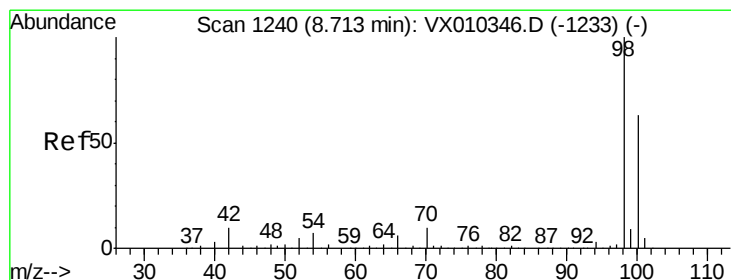
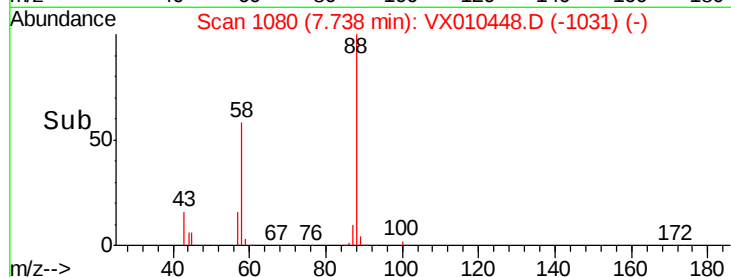
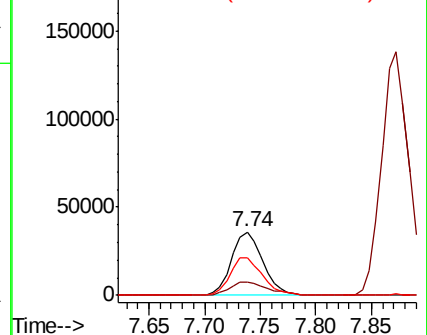
58 62.1 49.5 74.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.694 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010448.D

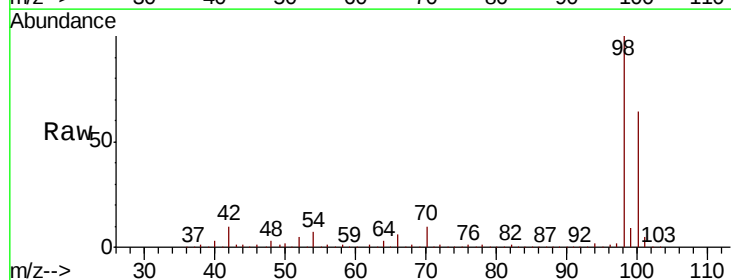
Acq: 26 Jun 2019 09:21

Tgt Ion: 98 Resp: 499681

Ion Ratio Lower Upper

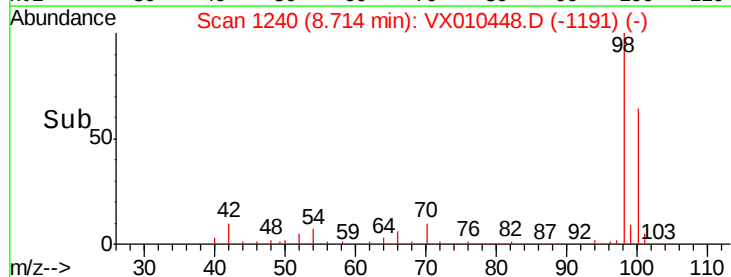
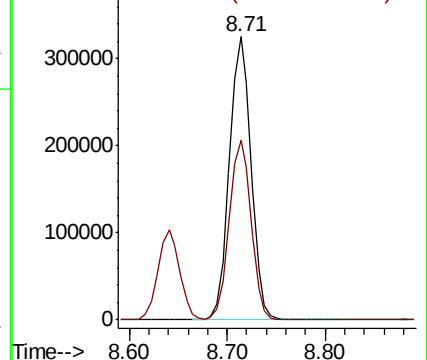
98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 238.206 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

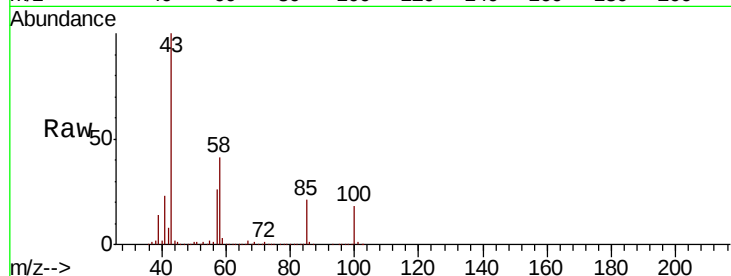
VSTDCCC050

Tot Ion: 43 Resp: 885160

Ion Ratio Lower Upper

43 100

58 41.7 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

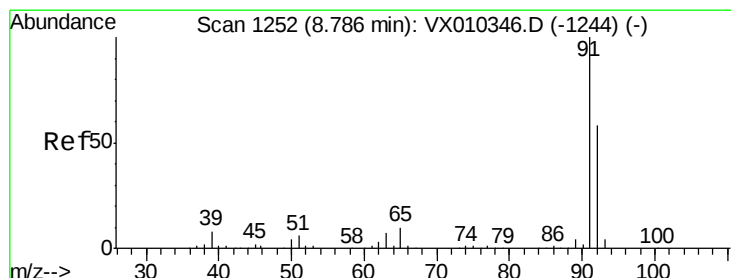
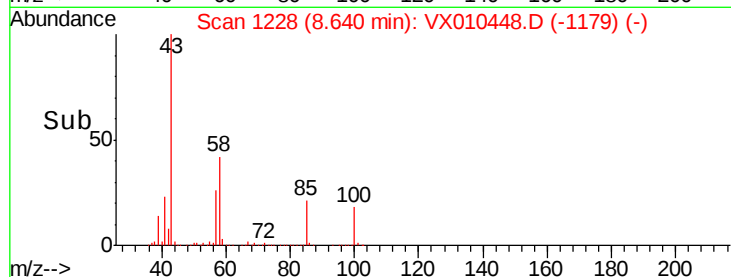
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 47.393 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010448.D

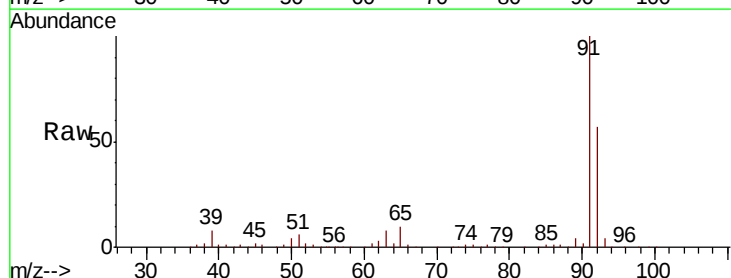
Acq: 26 Jun 2019 09:21

Tgt Ion: 92 Resp: 331920

Ion Ratio Lower Upper

92 100

91 175.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

400000

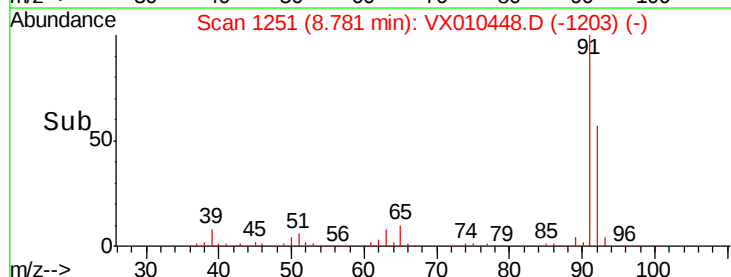
300000

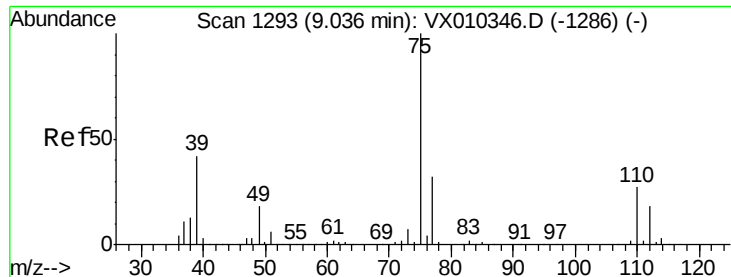
200000

100000

0

Time-->

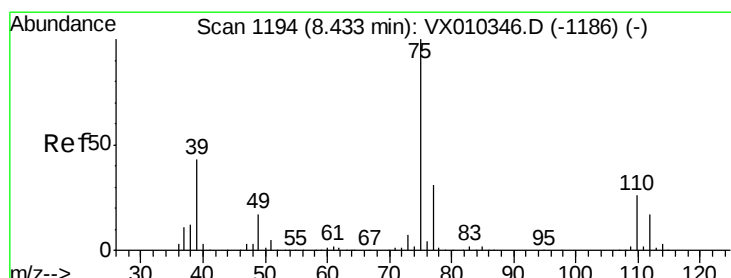
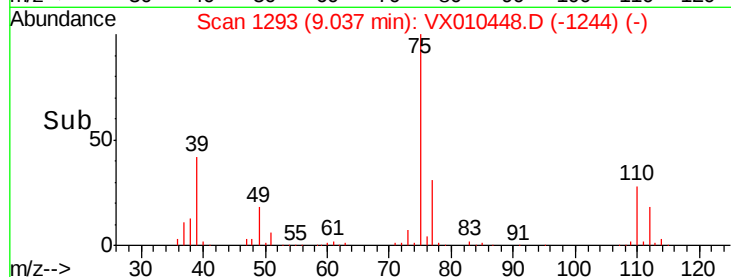
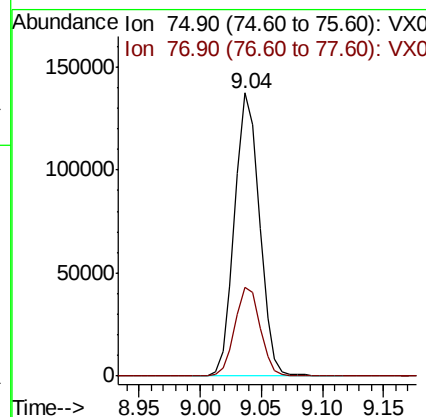
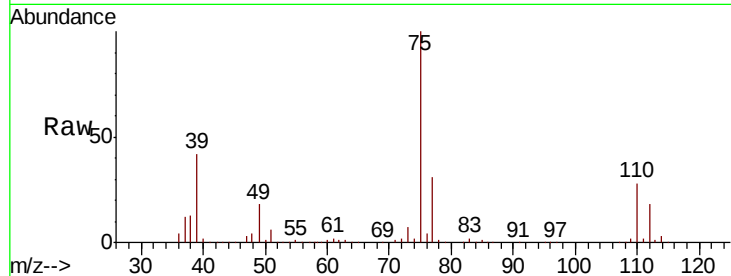




#53
t-1,3-Dichloropropene
Concen: 49.068 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

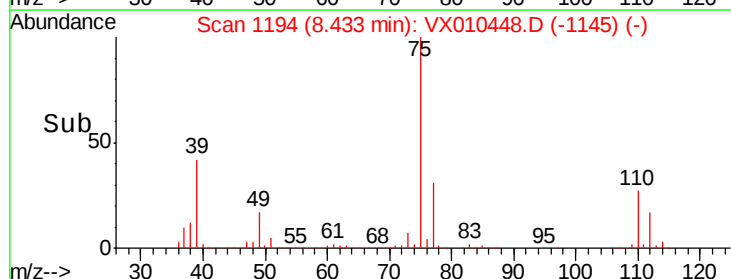
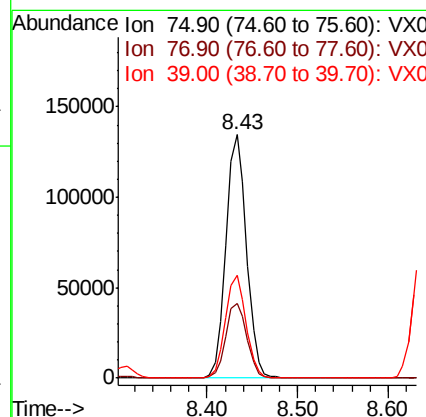
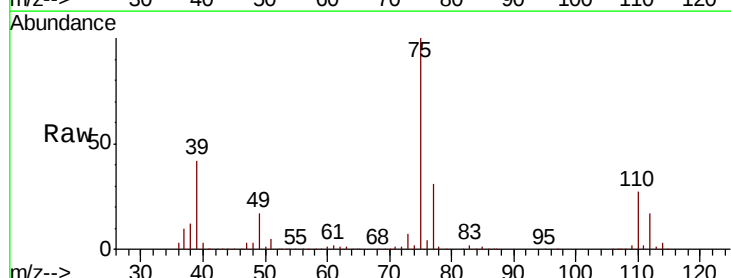
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

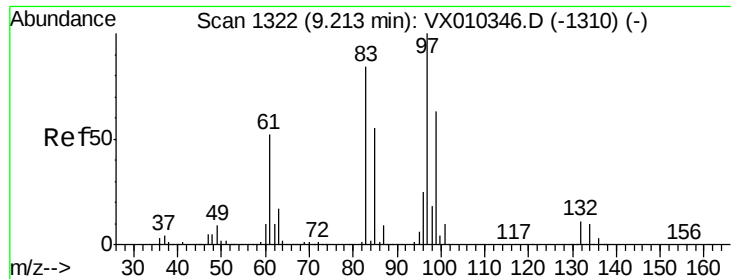
Tot Ion: 75 Resp: 194261
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 49.517 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion: 75 Resp: 213039
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8
39 42.1 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 48.535 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 140189

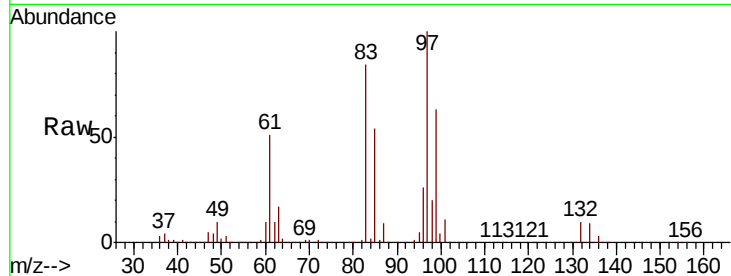
Ion Ratio Lower Upper

97 100

83 84.4 67.4 101.0

85 54.2 43.8 65.8

99 62.9 50.3 75.5

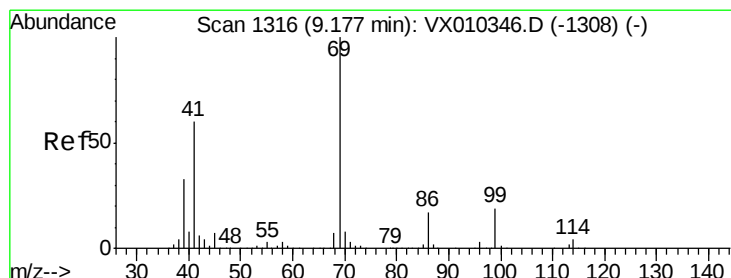
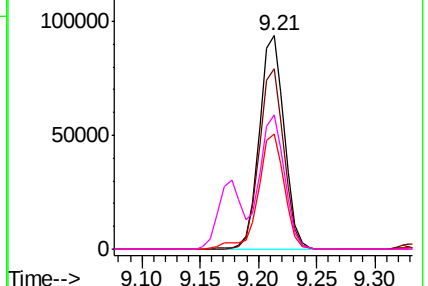
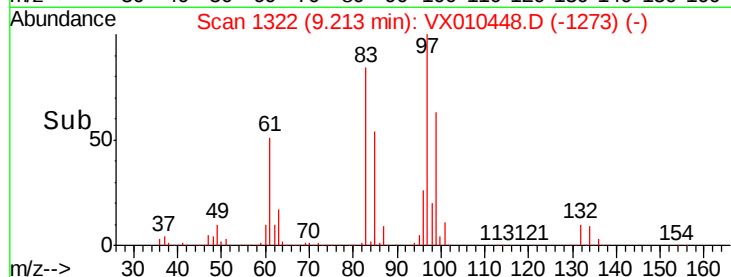


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.265 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

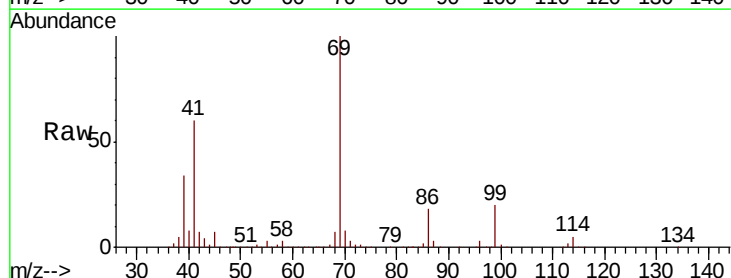
Tgt Ion: 69 Resp: 211184

Ion Ratio Lower Upper

69 100

41 59.8 47.1 70.7

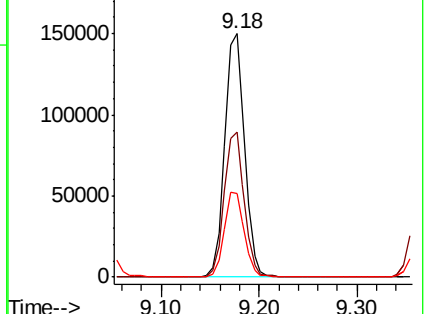
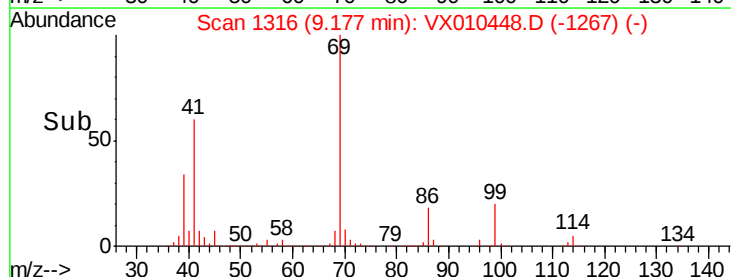
39 34.7 26.6 40.0

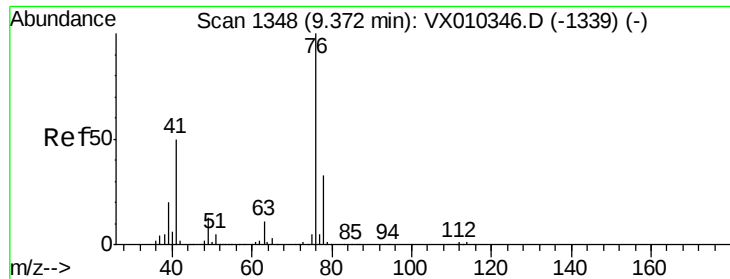


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.215 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

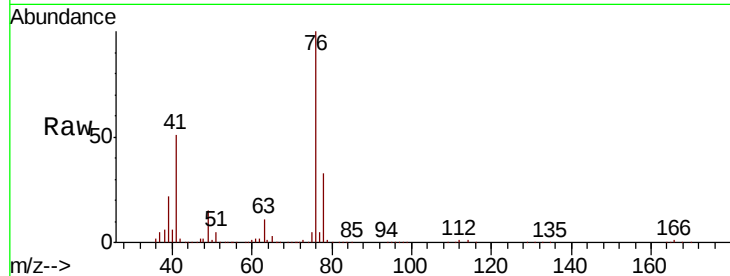
VSTDCCC050

Tot Ion: 76 Resp: 216179

Ion Ratio Lower Upper

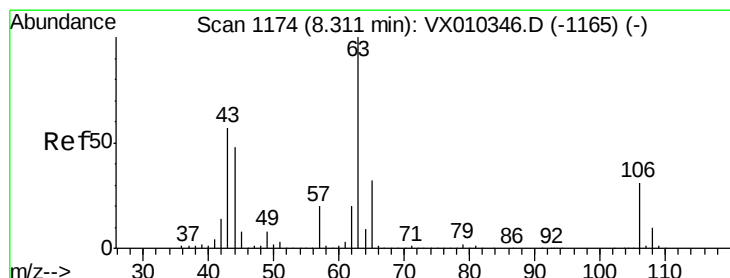
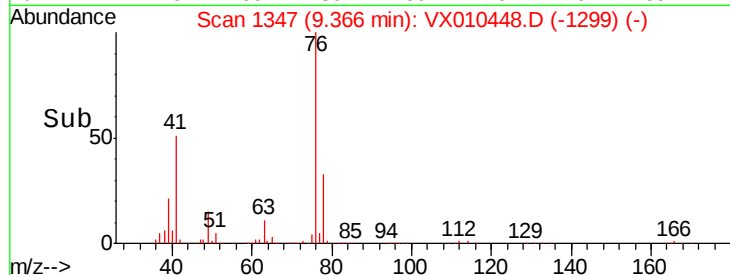
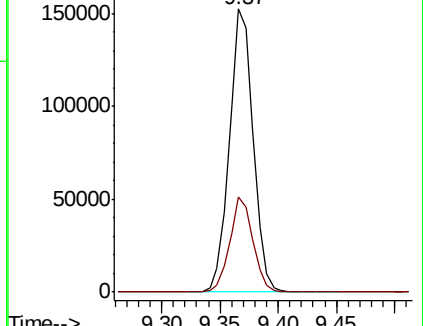
76 100

78 32.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 247.733 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010448.D

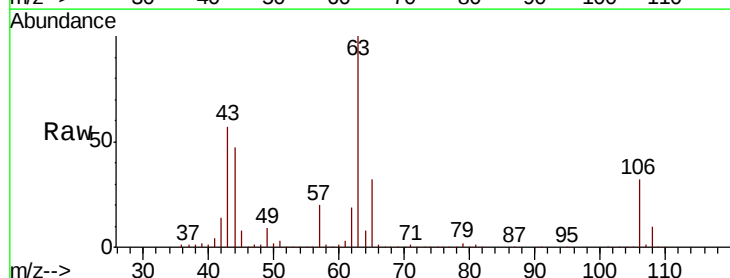
Acq: 26 Jun 2019 09:21

Tgt Ion: 63 Resp: 514804

Ion Ratio Lower Upper

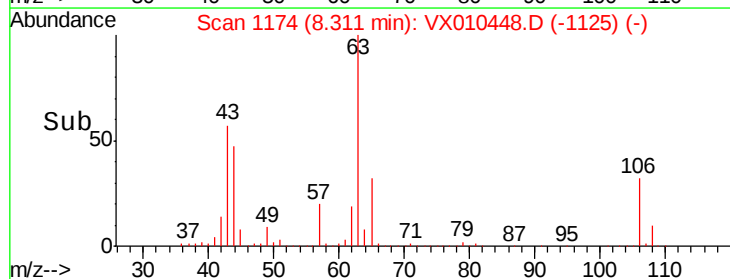
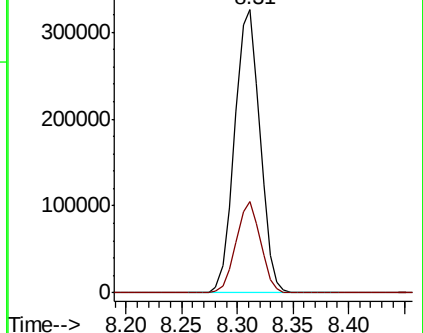
63 100

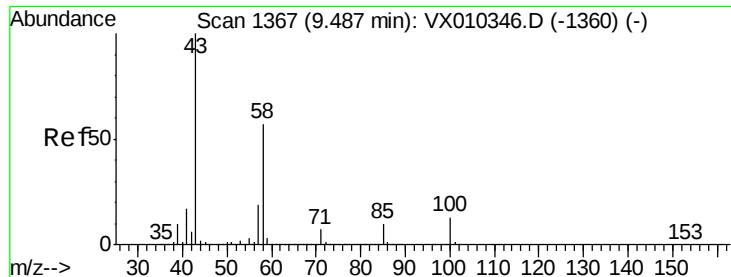
106 31.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

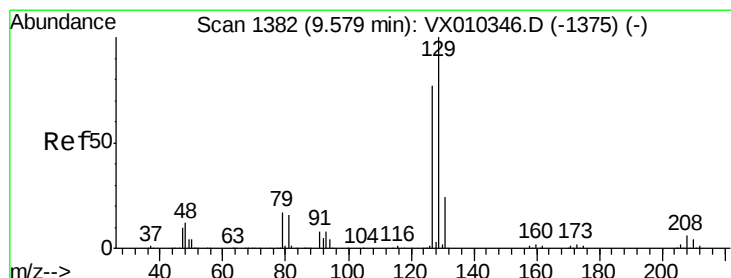
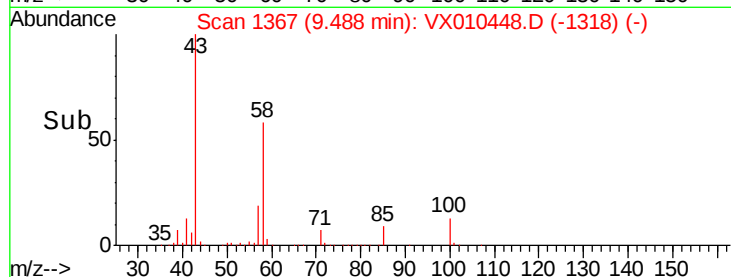
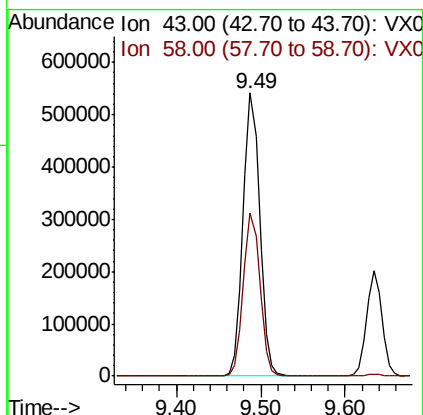
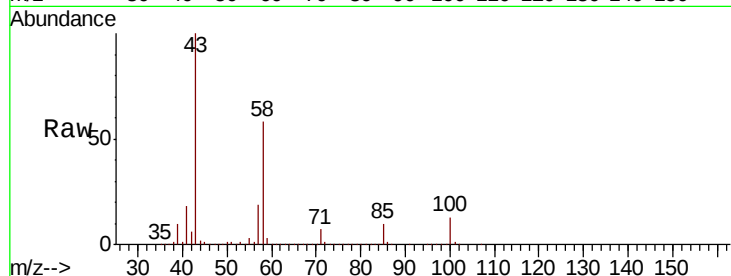




#59
2-Hexanone
Concen: 244.386 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

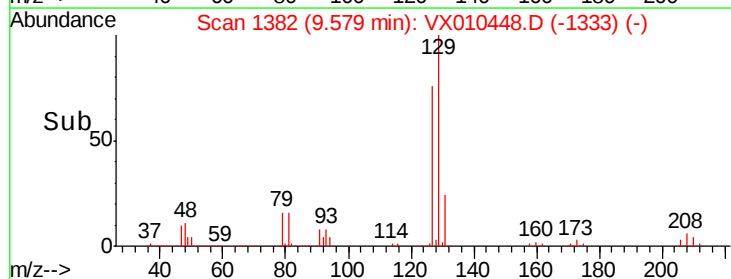
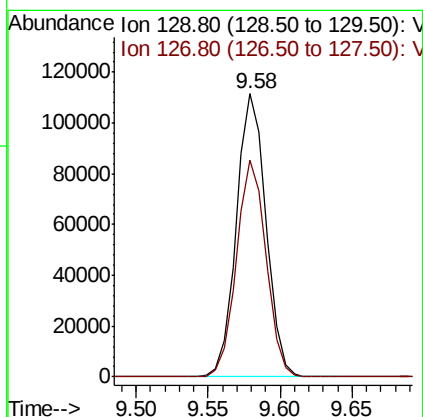
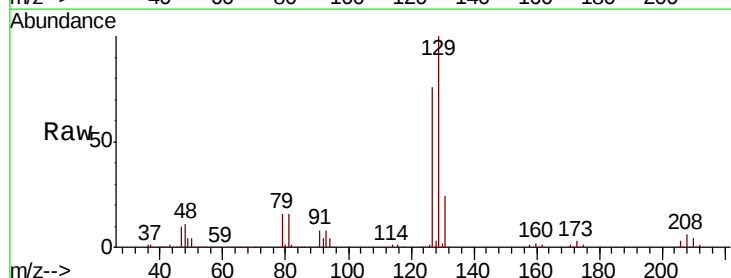
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

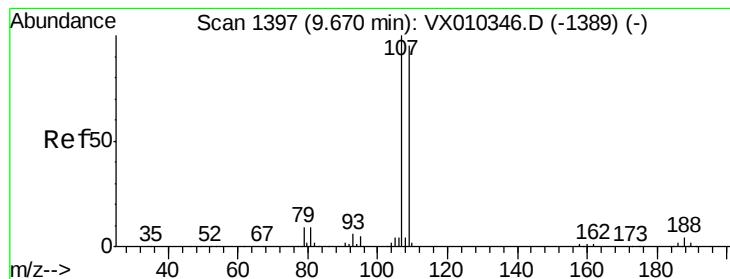
Tot Ion: 43 Resp: 714727
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.1



#60
Dibromochloromethane
Concen: 49.273 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion: 129 Resp: 159351
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 48.790 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

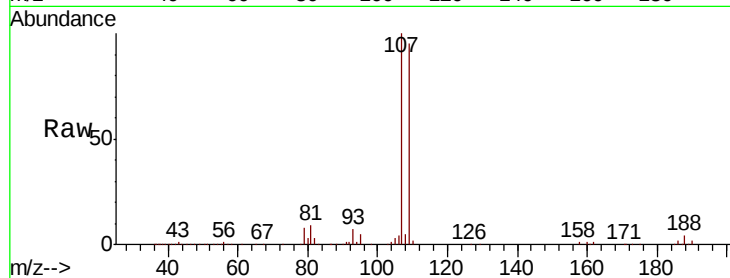
VSTDCCC050

Tot Ion: 107 Resp: 152113

Ion Ratio Lower Upper

107 100

109 94.3 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

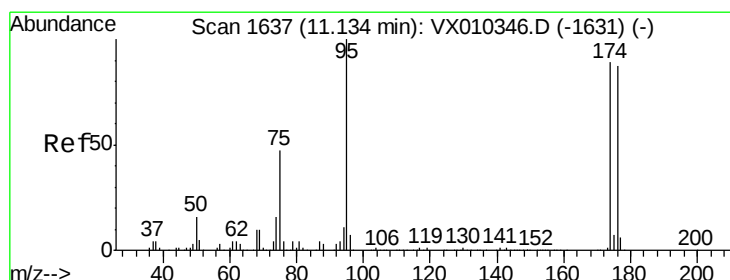
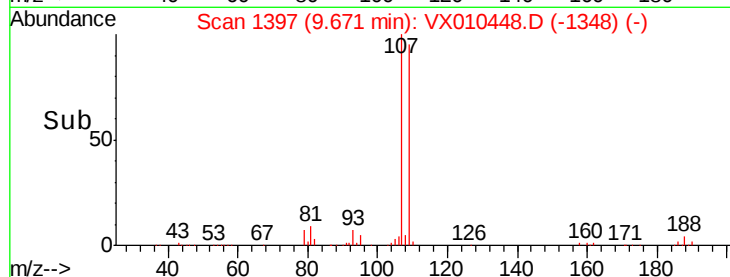
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.836 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

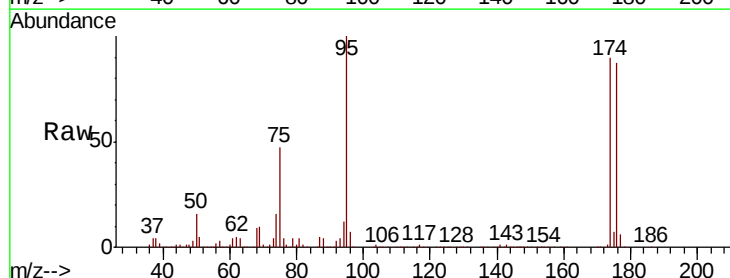
Tgt Ion: 95 Resp: 180915

Ion Ratio Lower Upper

95 100

174 93.5 0.0 187.6

176 91.8 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

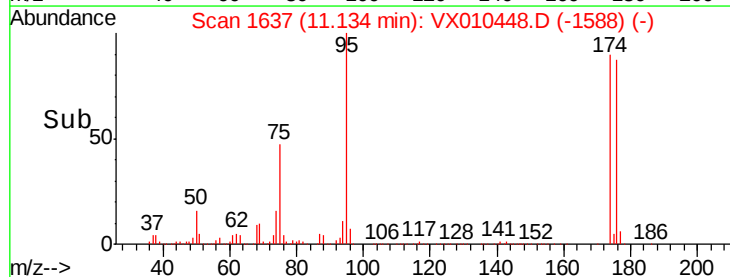
150000

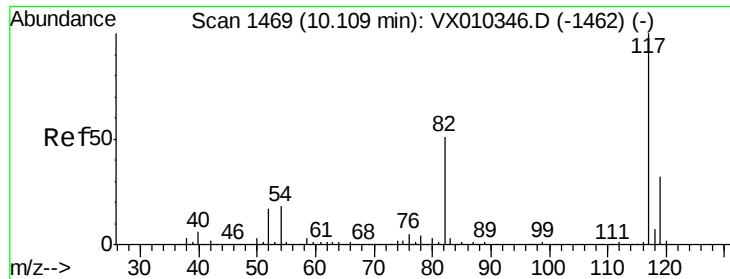
100000

50000

0

Time-->

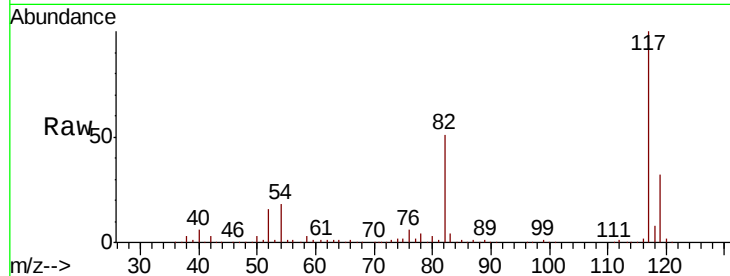




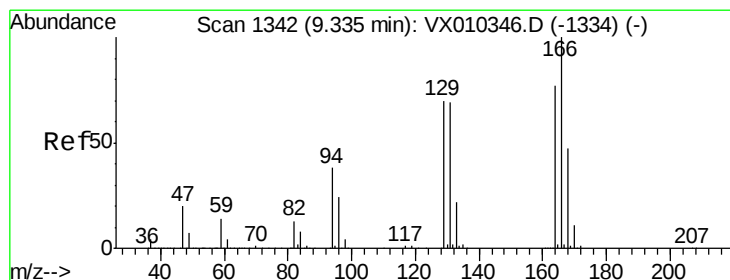
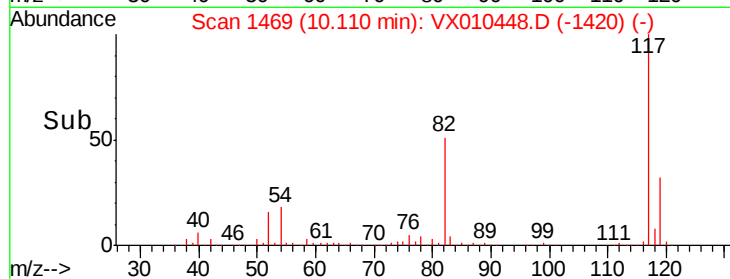
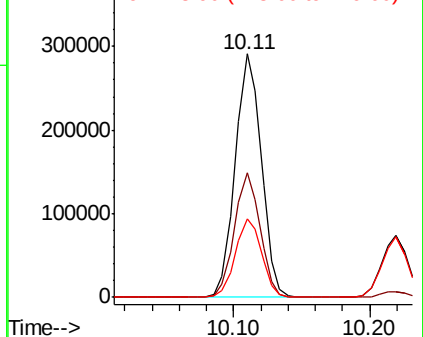
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 389651
Ion Ratio Lower Upper
117 100
82 51.2 41.2 61.8
119 32.5 25.5 38.3

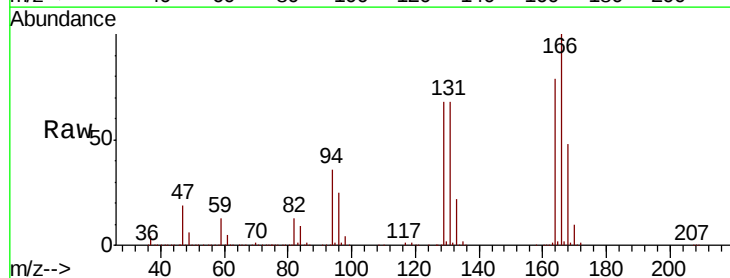


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

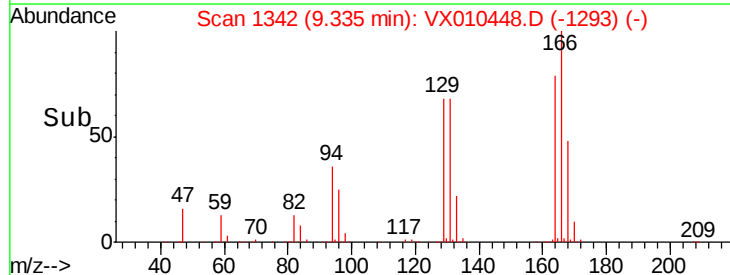
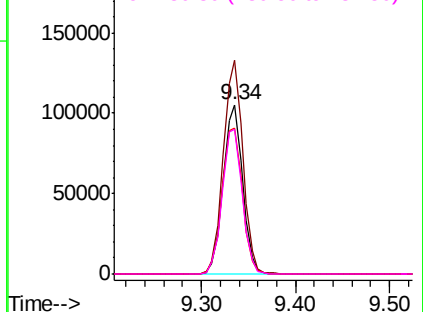


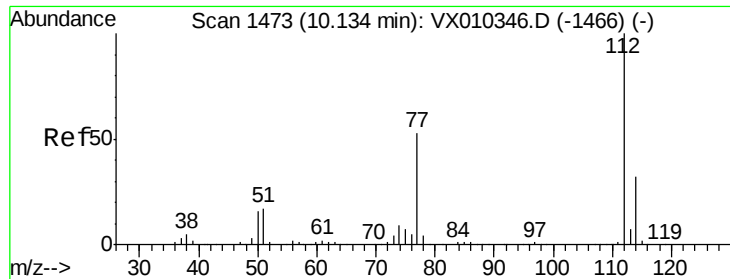
#64
Tetrachloroethene
Concen: 47.686 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion:164 Resp: 150288
Ion Ratio Lower Upper
164 100
166 126.2 103.6 155.4
129 86.4 73.0 109.4
131 85.4 71.0 106.4



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

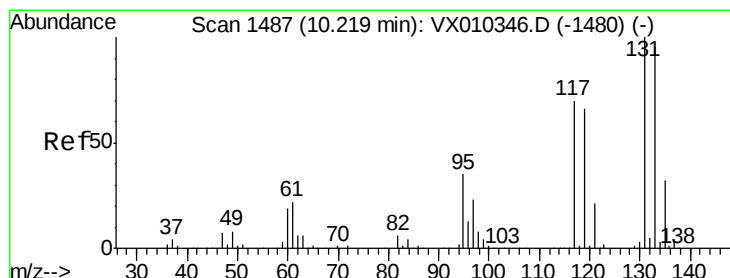
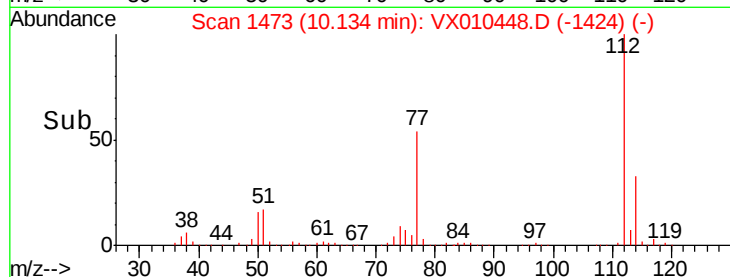
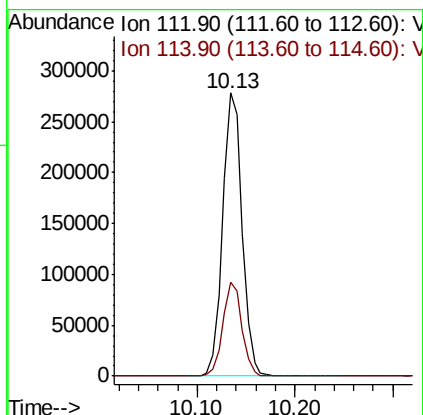
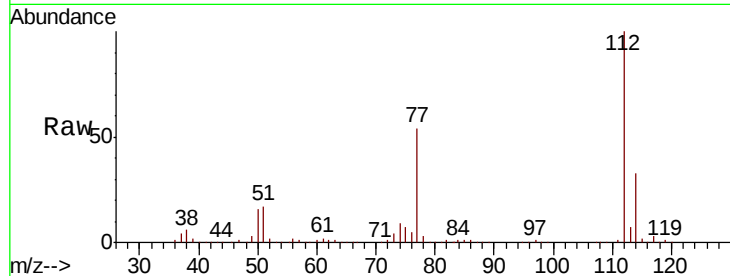




#65
Chlorobenzene
Concen: 48.284 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

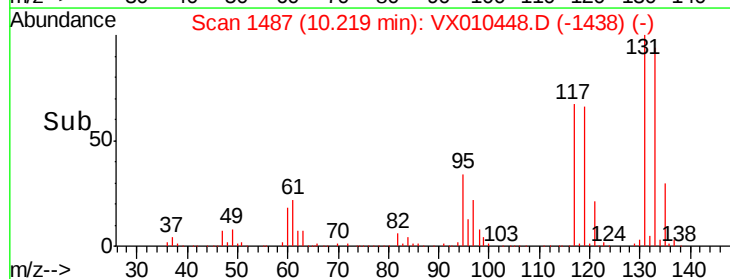
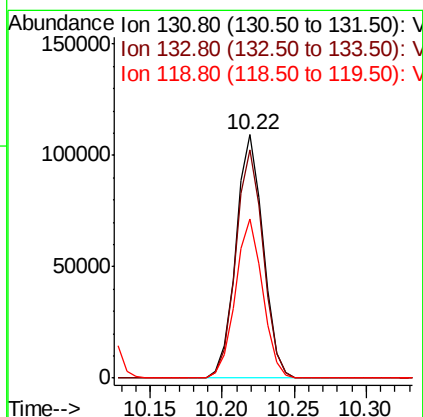
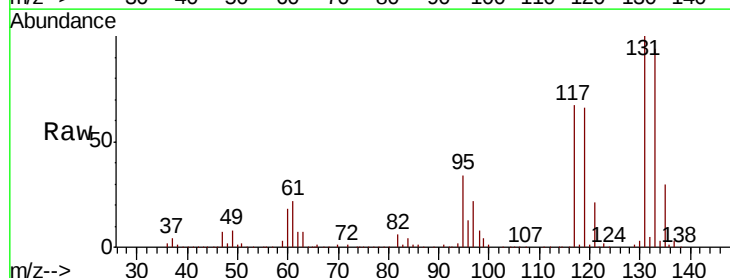
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

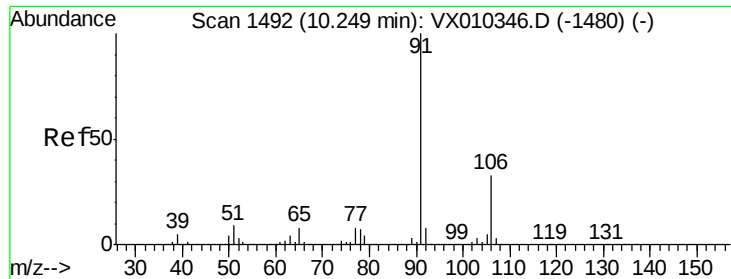
Tot Ion:112 Resp: 381956
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.089 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion:131 Resp: 144330
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 65.7 32.6 97.7

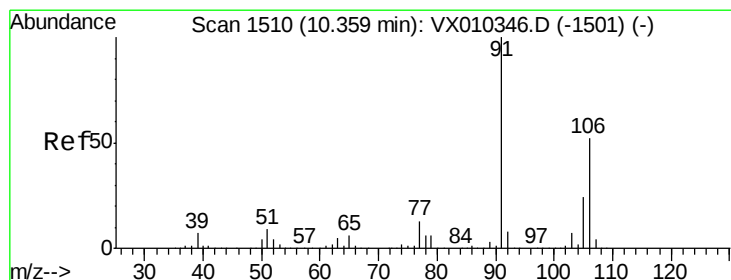
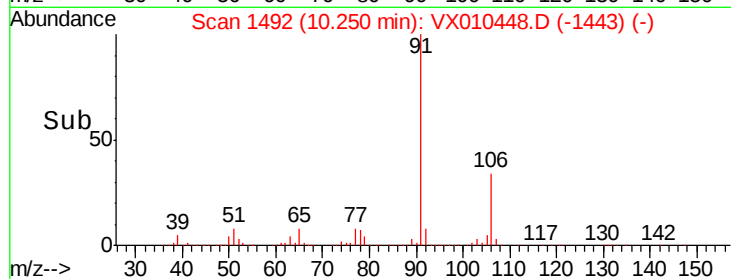
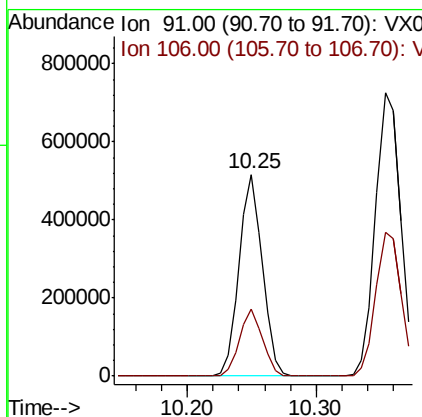
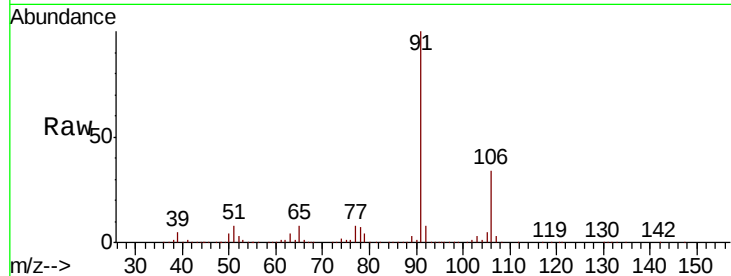




#67
Ethyl Benzene
Concen: 48.684 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

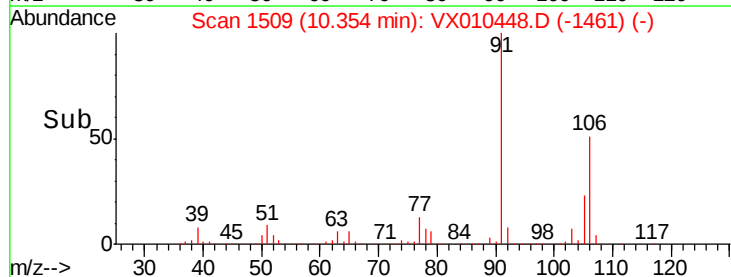
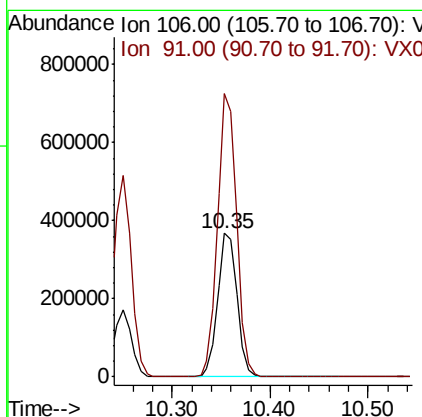
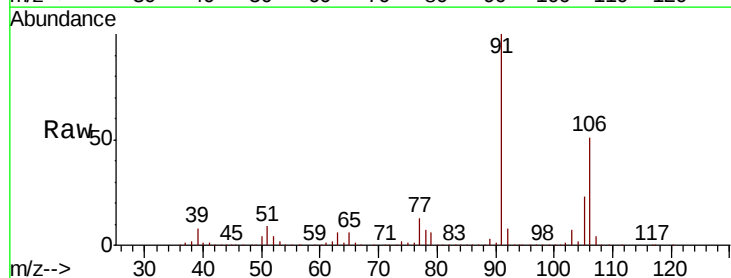
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

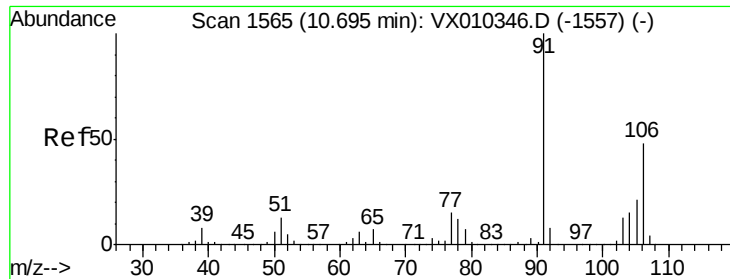
Tot Ion: 91 Resp: 650167
Ion Ratio Lower Upper
91 100
106 33.5 26.2 39.2



#68
m/p-Xylenes
Concen: 96.945 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion: 106 Resp: 501663
Ion Ratio Lower Upper
106 100
91 195.3 155.3 232.9

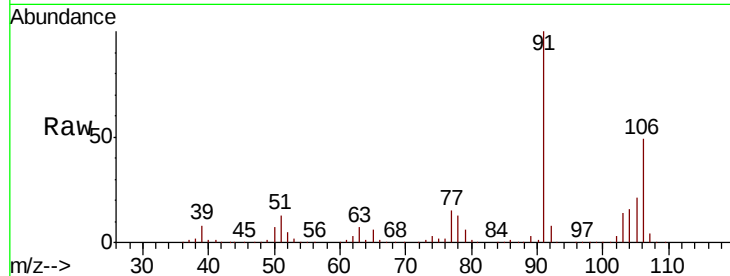




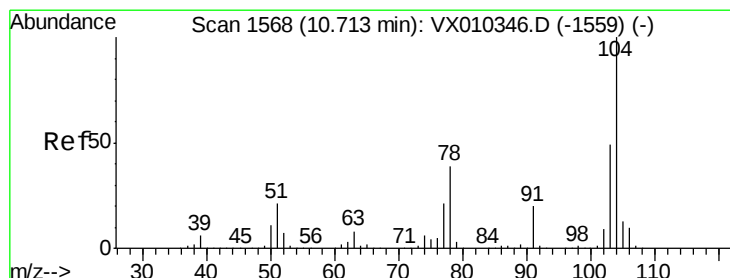
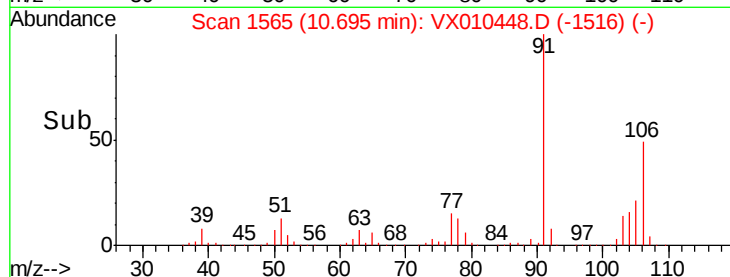
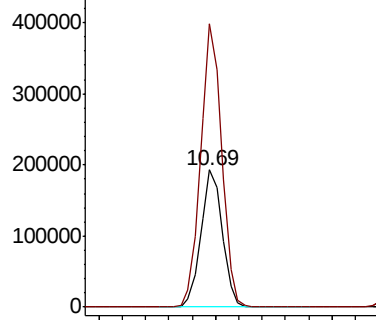
#69
o-Xylene
Concen: 48.438 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 246492
Ion Ratio Lower Upper
106 100
91 203.4 102.7 308.1

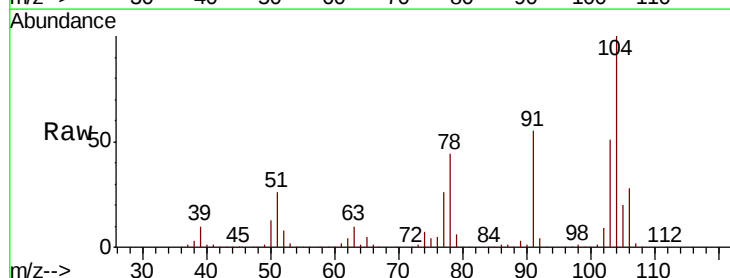


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

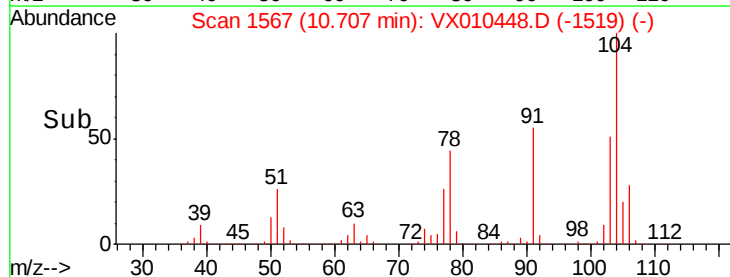
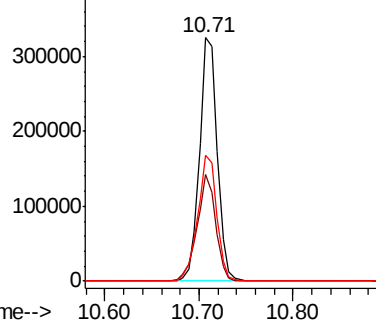


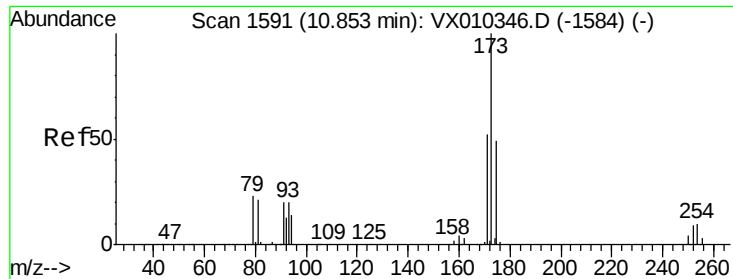
#70
Styrene
Concen: 49.572 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion:104 Resp: 423057
Ion Ratio Lower Upper
104 100
78 45.9 36.2 54.2
103 55.5 44.2 66.4



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





#71

Bromoform

Concen: 49.841 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

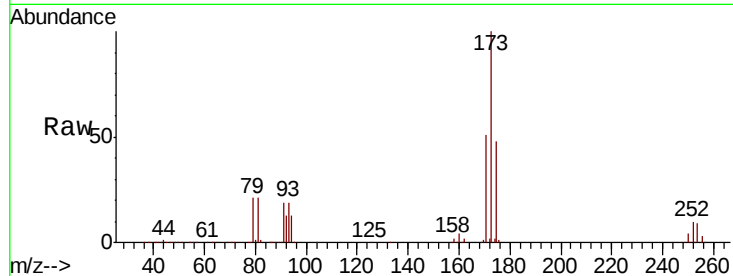
Tot Ion:173 Resp: 124892

Ion Ratio Lower Upper

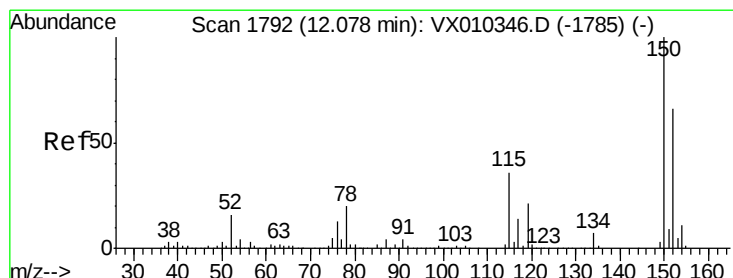
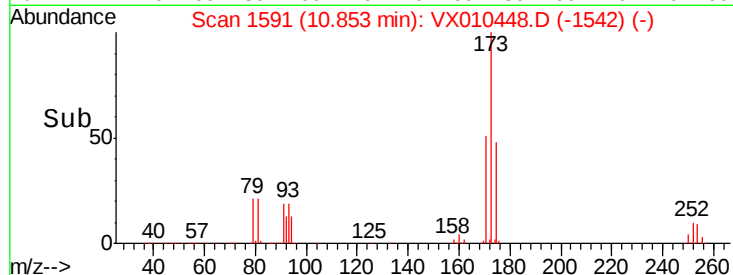
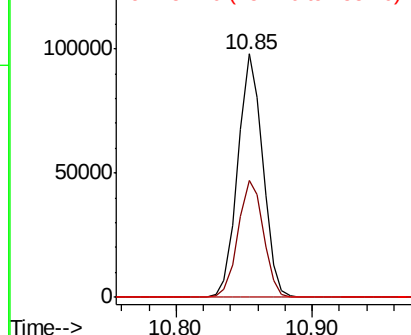
173 100

175 49.0 24.1 72.3

254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

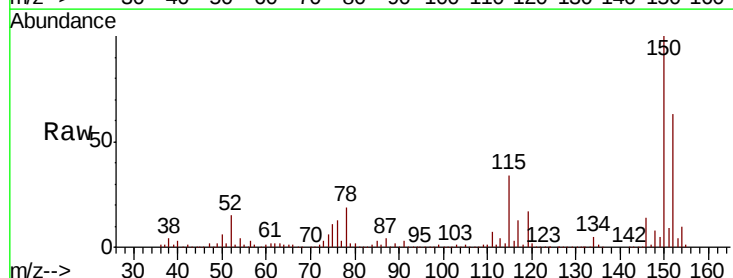
Tgt Ion:152 Resp: 200553

Ion Ratio Lower Upper

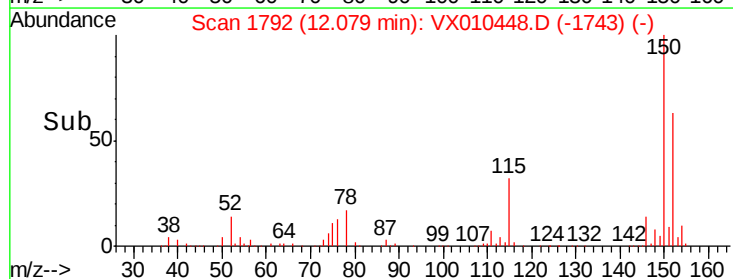
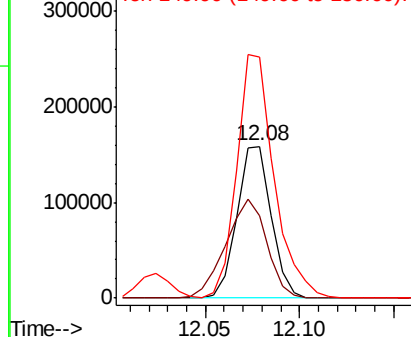
152 100

115 77.6 38.6 115.7

150 175.0 0.0 347.4



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





#73

Isopropylbenzene

Concen: 48.580 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

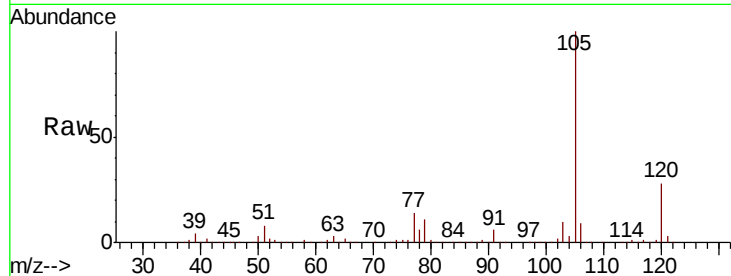
VSTDCCC050

Tot Ion:105 Resp: 660449

Ion Ratio Lower Upper

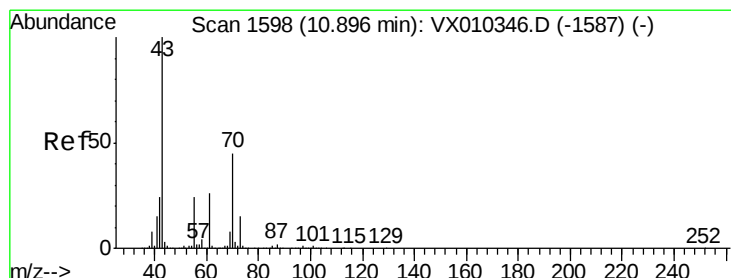
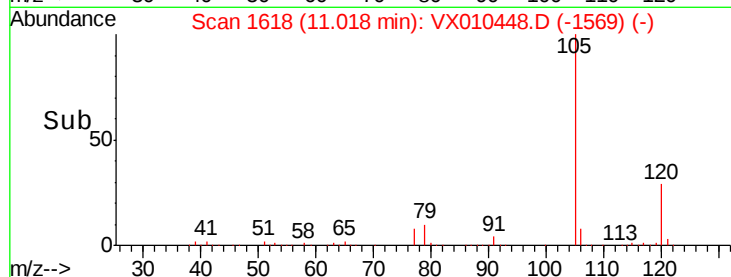
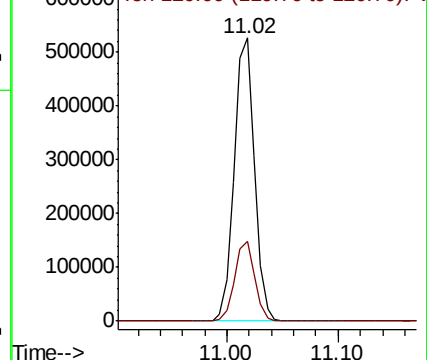
105 100

120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.179 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Tgt Ion: 43 Resp: 247539

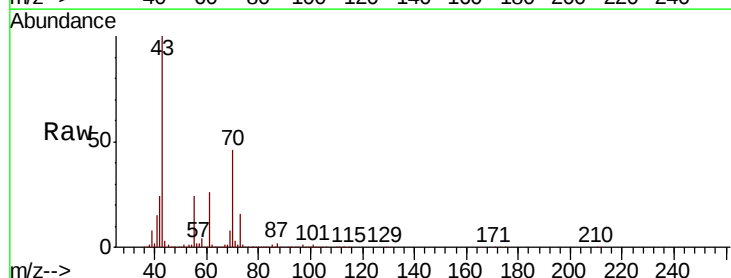
Ion Ratio Lower Upper

43 100

70 45.6 36.6 54.8

55 24.0 18.7 28.1

61 25.9 20.6 31.0

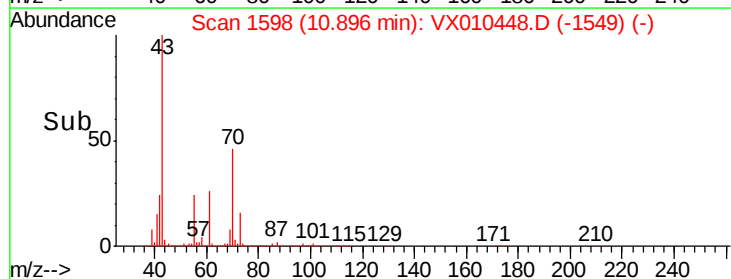
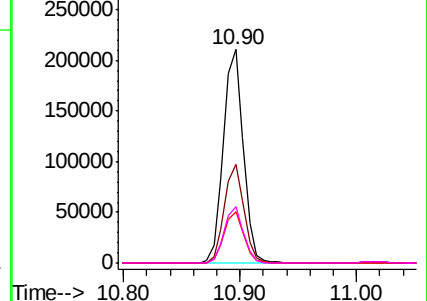


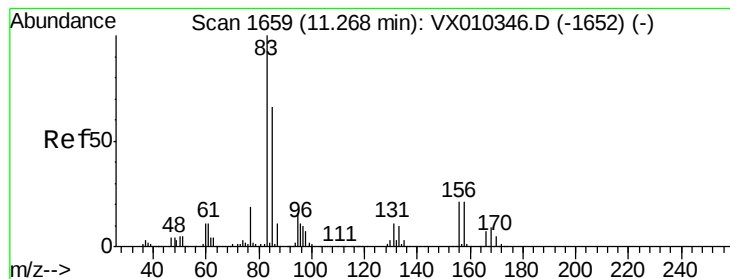
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.655 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

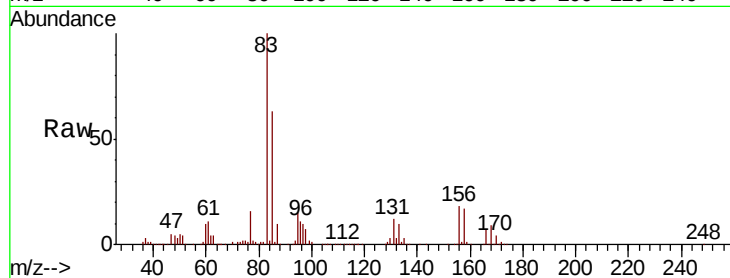
Tot Ion: 83 Resp: 210054

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

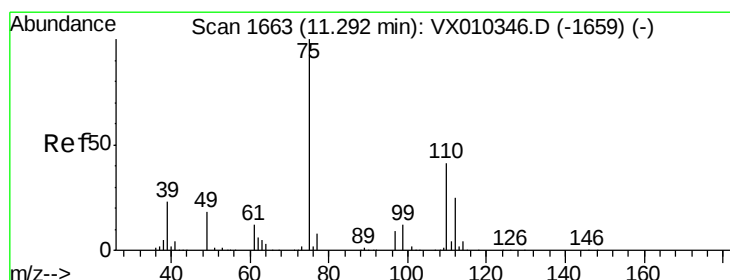
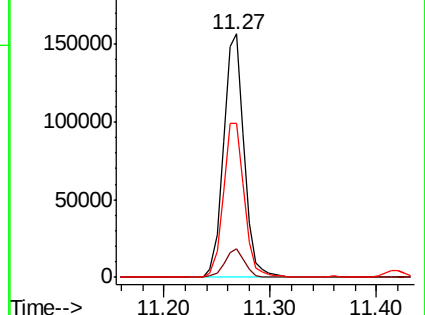
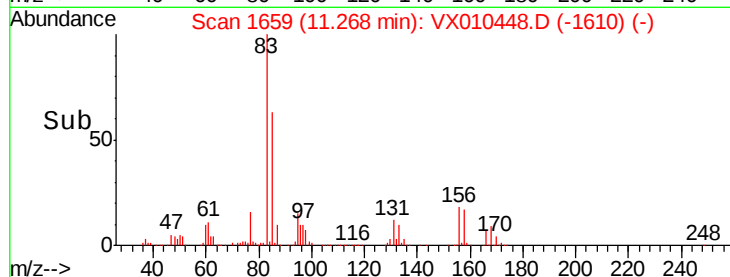
85 64.7 32.3 96.8



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: 65.501 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010448.D

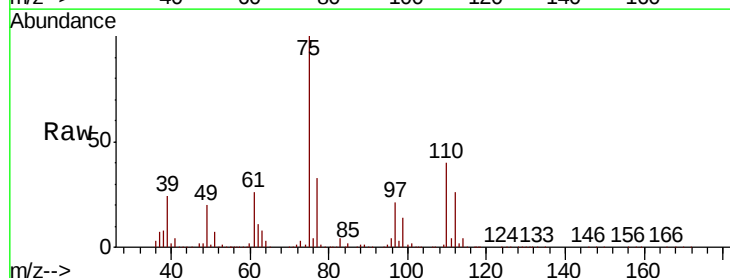
Acq: 26 Jun 2019 09:21

Tgt Ion: 75 Resp: 239380

Ion Ratio Lower Upper

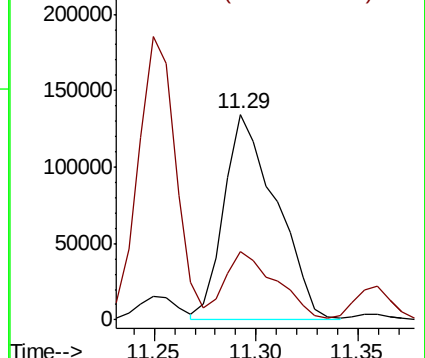
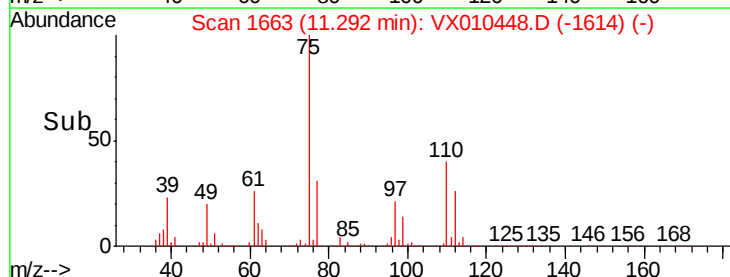
75 100

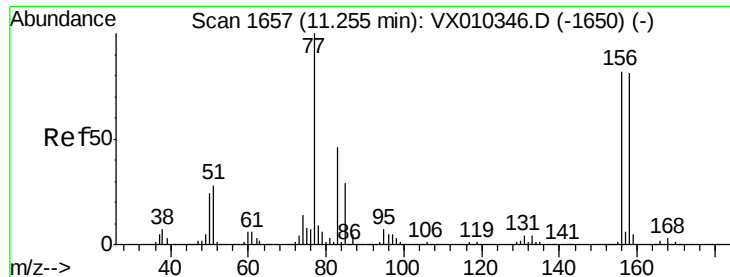
77 32.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.882 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

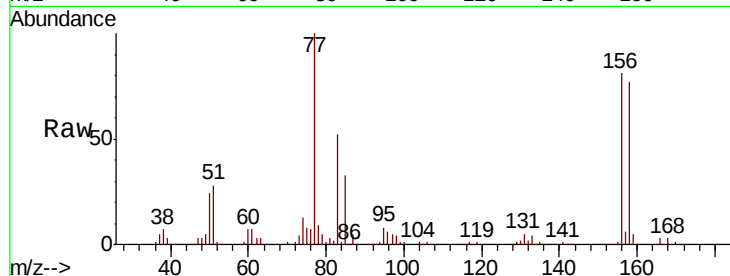
Tot Ion:156 Resp: 177971

Ion Ratio Lower Upper

156 100

77 132.7 66.3 198.7

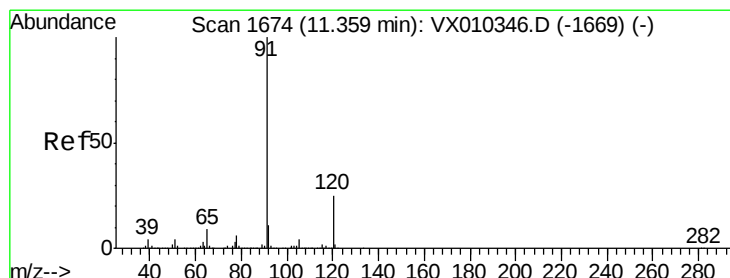
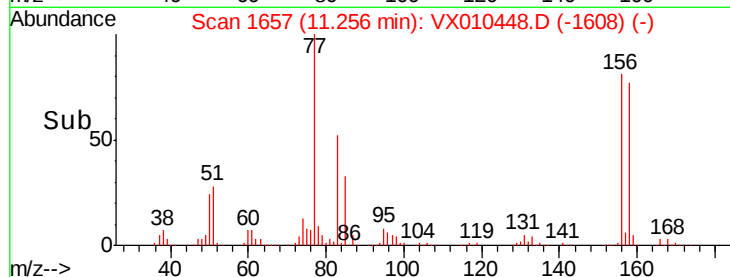
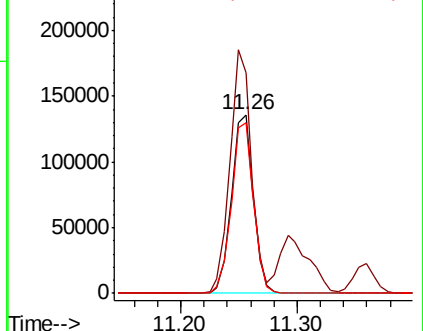
158 96.1 48.9 146.7



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: 49.757 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010448.D

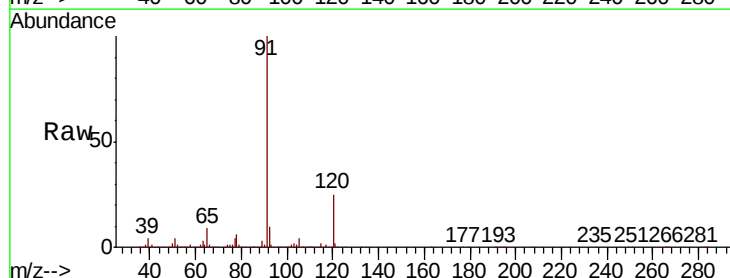
Acq: 26 Jun 2019 09:21

Tgt Ion: 91 Resp: 743449

Ion Ratio Lower Upper

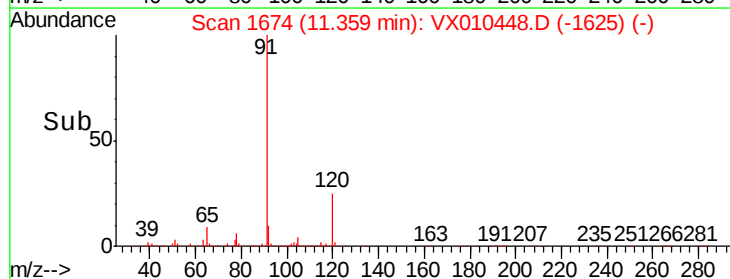
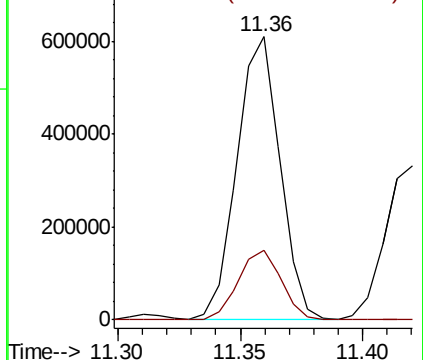
91 100

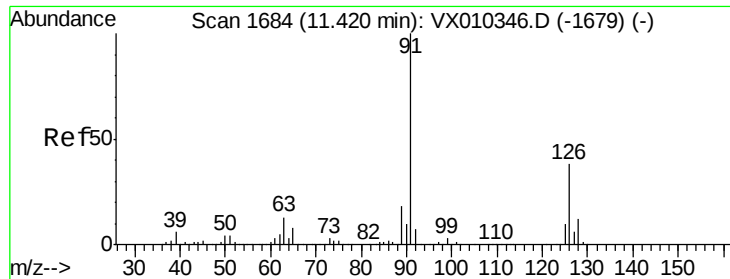
120 24.9 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

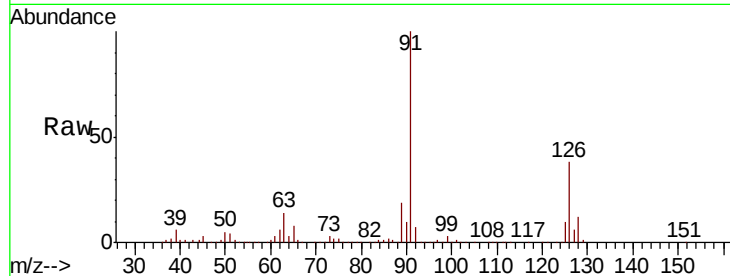




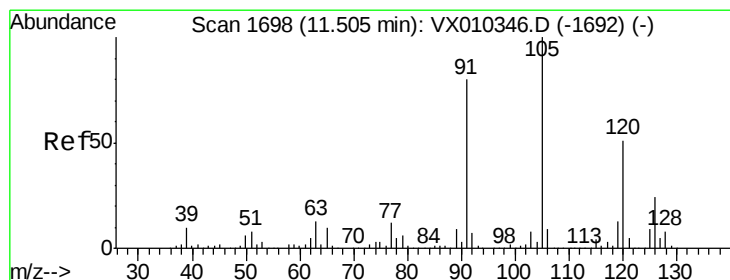
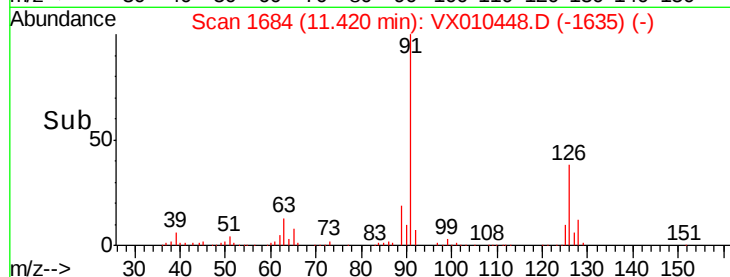
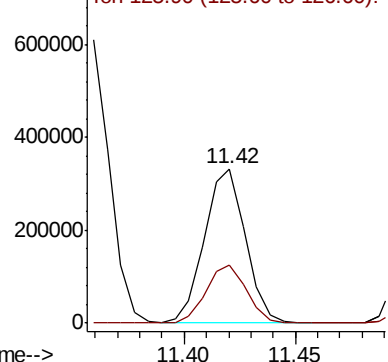
#79
2-Chlorotoluene
Concen: 47.558 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 423140
Ion Ratio Lower Upper
91 100
126 37.8 18.7 56.1

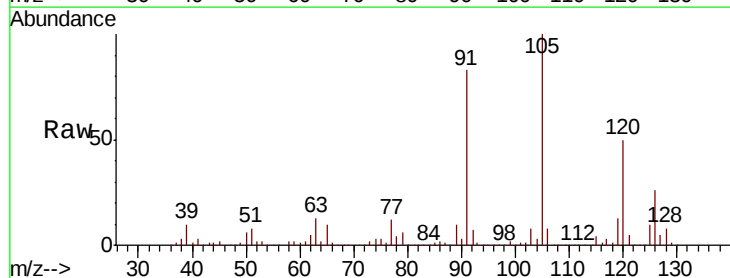


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

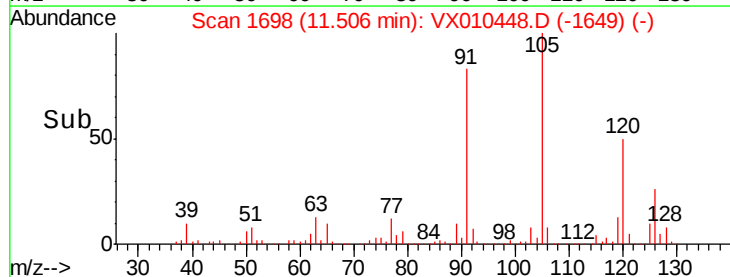
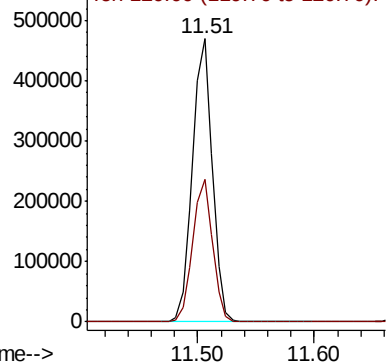


#80
1,3,5-Trimethylbenzene
Concen: 49.162 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion:105 Resp: 550976
Ion Ratio Lower Upper
105 100
120 50.3 25.2 75.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 46.659 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

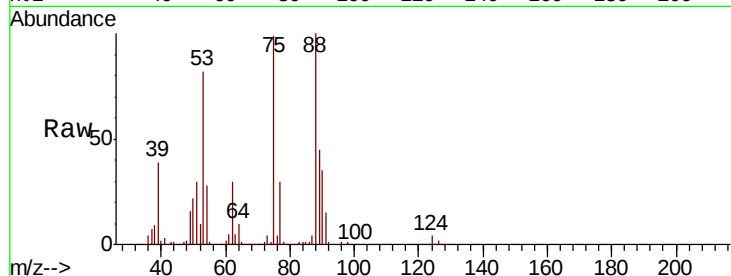
Tot Ion: 75 Resp: 73093

Ion Ratio Lower Upper

75 100

53 84.7 66.1 99.1

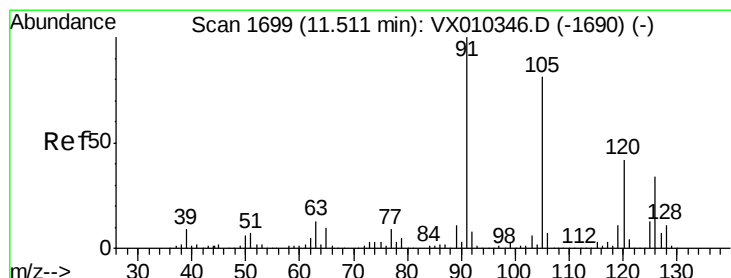
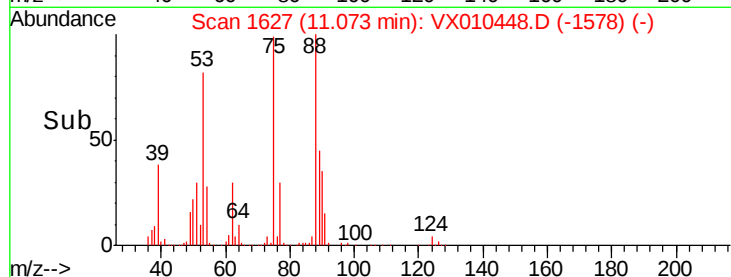
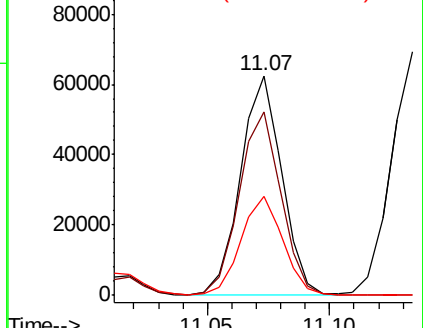
89 46.5 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.768 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010448.D

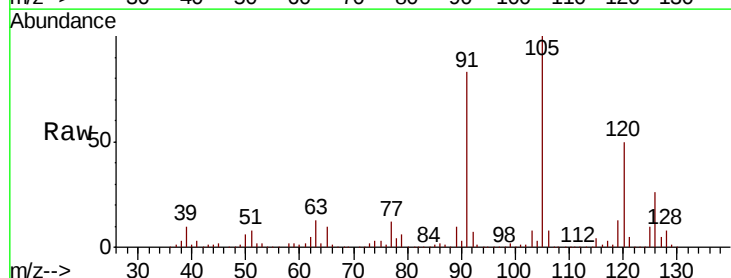
Acq: 26 Jun 2019 09:21

Tgt Ion: 91 Resp: 493733

Ion Ratio Lower Upper

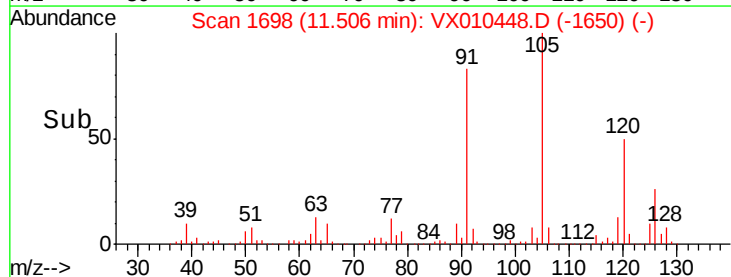
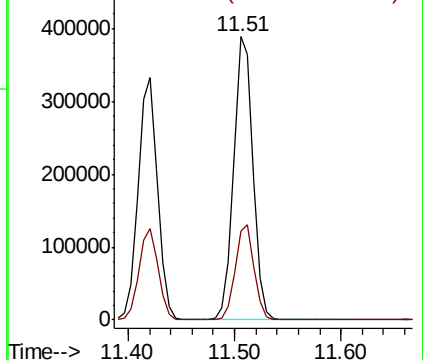
91 100

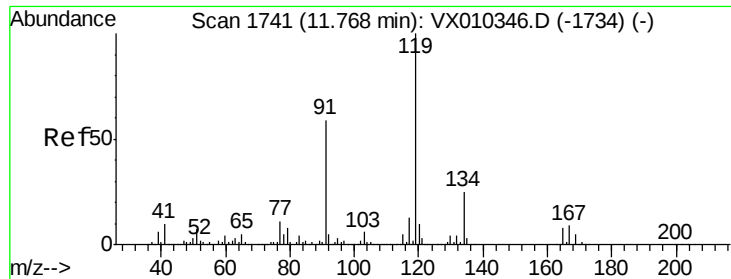
126 32.9 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

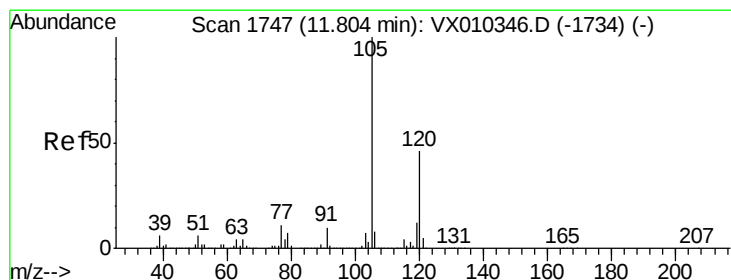
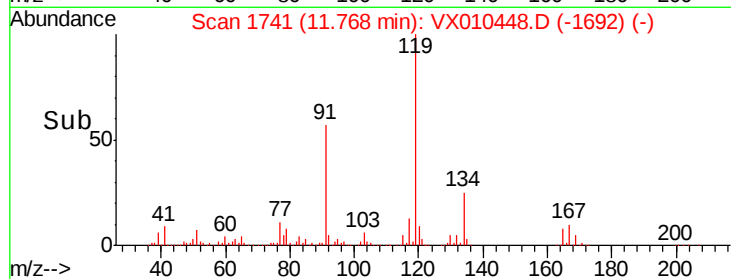
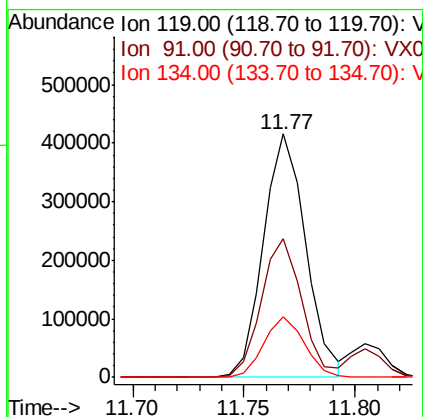
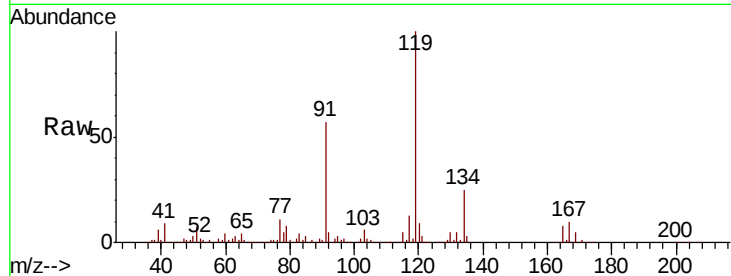




#83
 tert-Butylbenzene
 Concen: 48.752 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

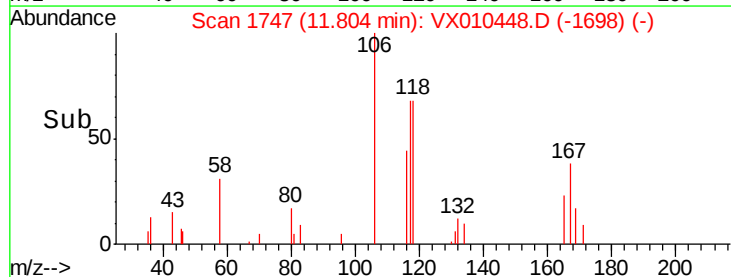
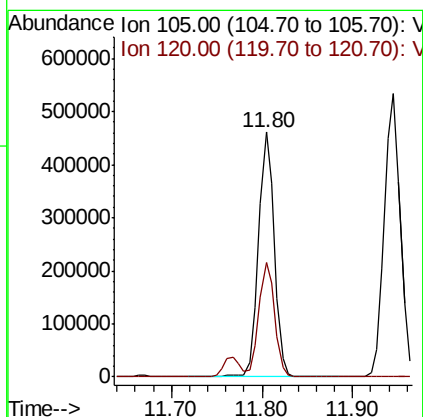
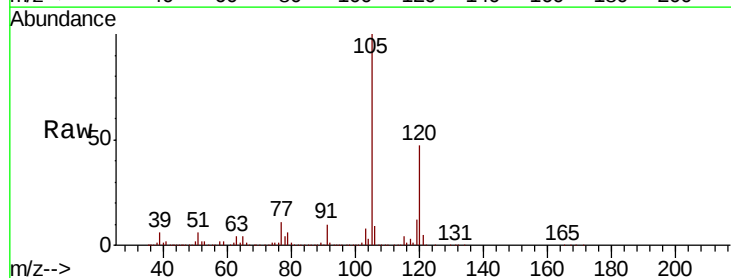
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion:119 Resp: 548401
 Ion Ratio Lower Upper
 119 100
 91 54.9 27.6 82.7
 134 23.8 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.335 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Tgt Ion:105 Resp: 555511
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.495 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

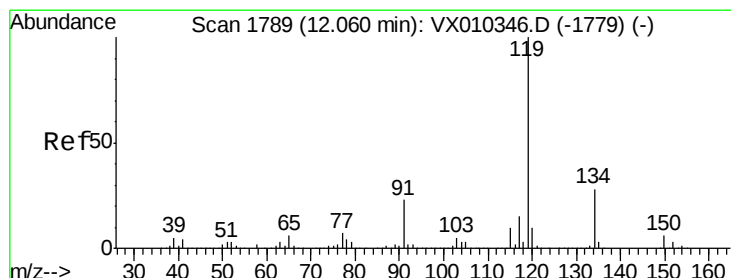
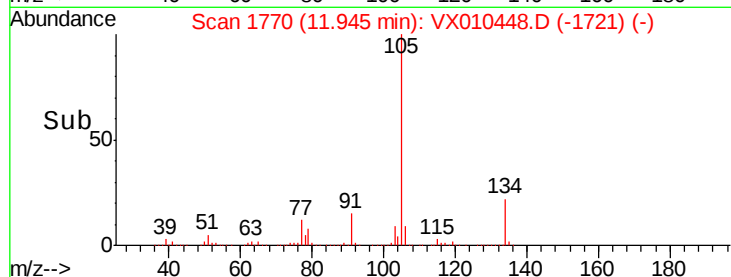
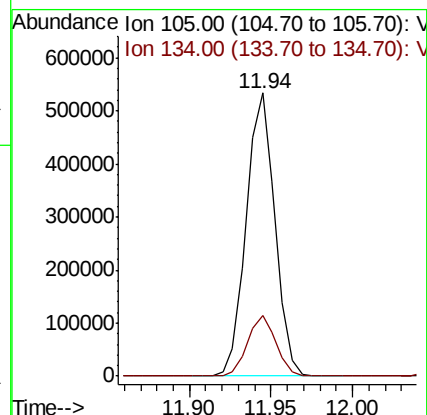
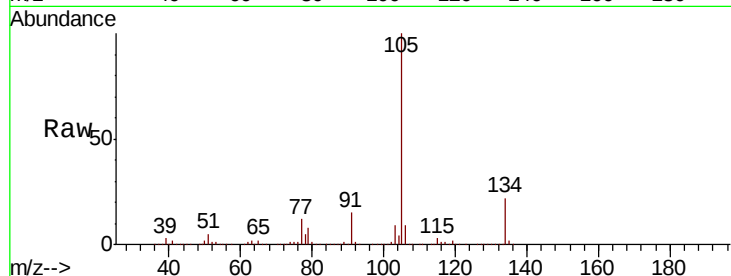
VSTDCCC050

Tot Ion:105 Resp: 653711

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9



#86

p-Isopropyltoluene

Concen: 50.277 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

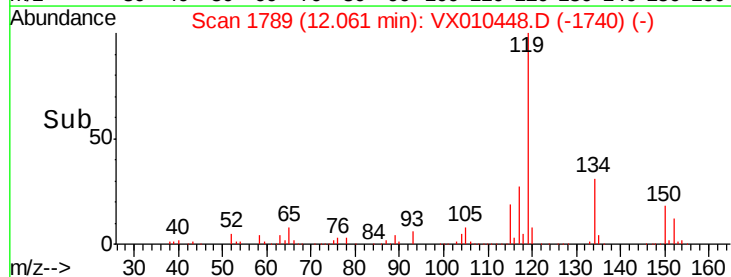
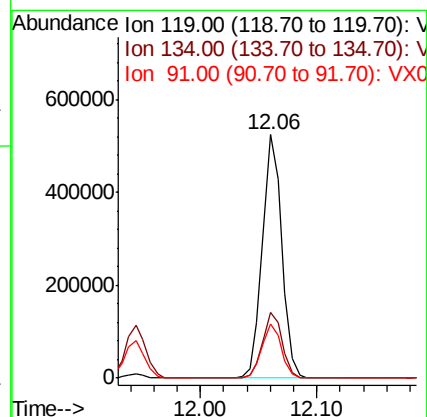
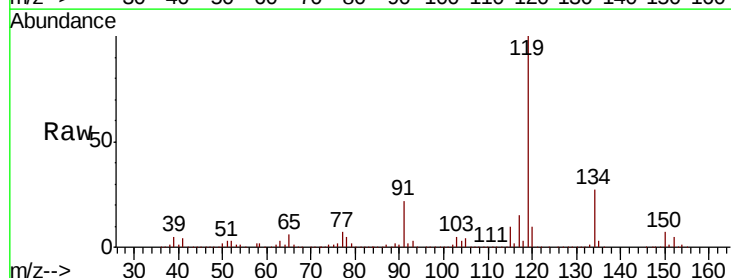
Tgt Ion:119 Resp: 614208

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.2 11.3 33.8

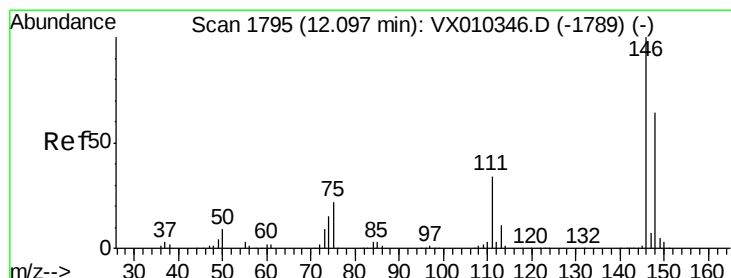
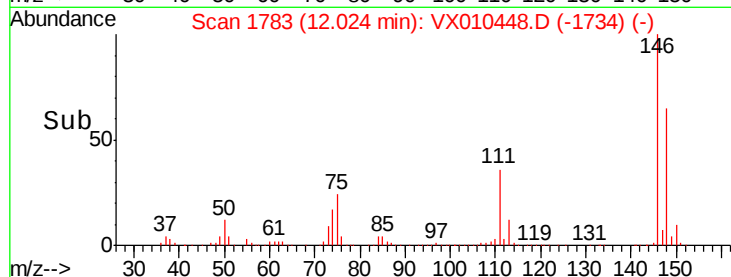
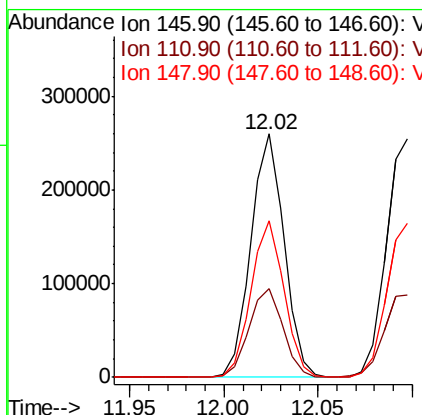
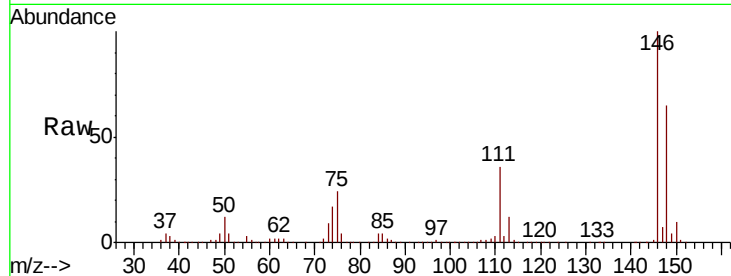




#87
 1,3-Dichlorobenzene
 Concen: 47.946 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

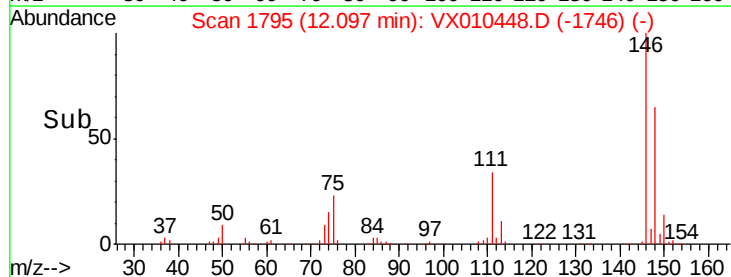
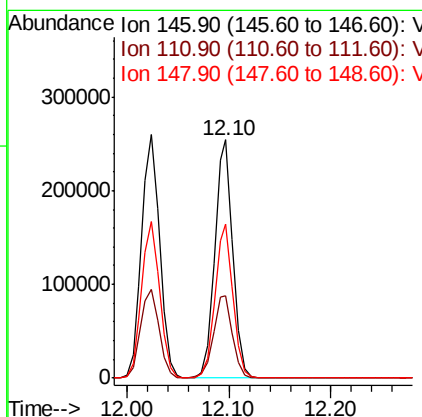
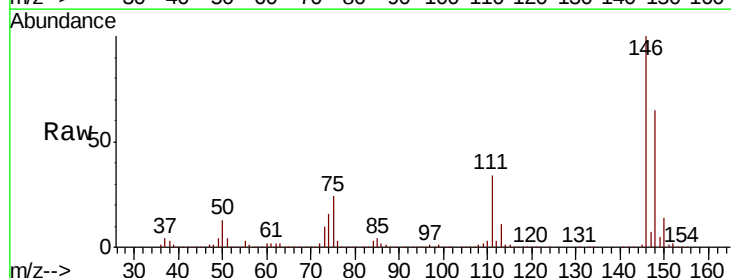
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 317706
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.1 57.1
 148 64.1 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 46.815 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Tgt Ion:146 Resp: 315812
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.1 54.3
 148 64.2 32.1 96.3

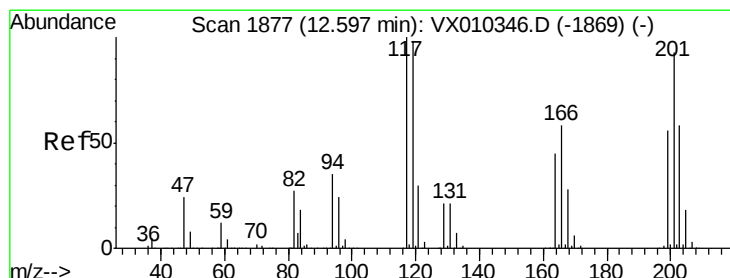
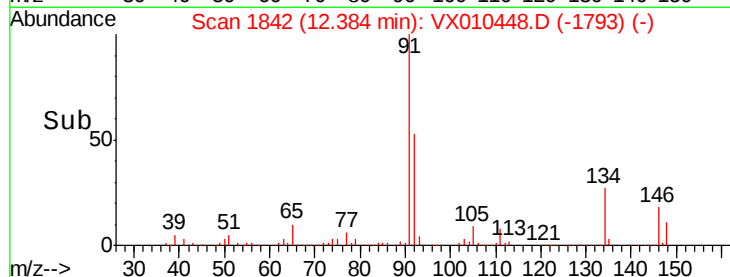
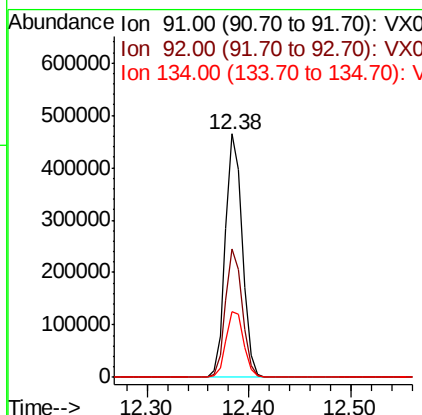
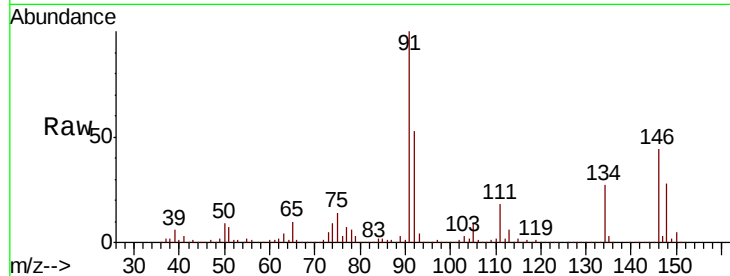




#89
n-Butylbenzene
Concen: 51.531 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

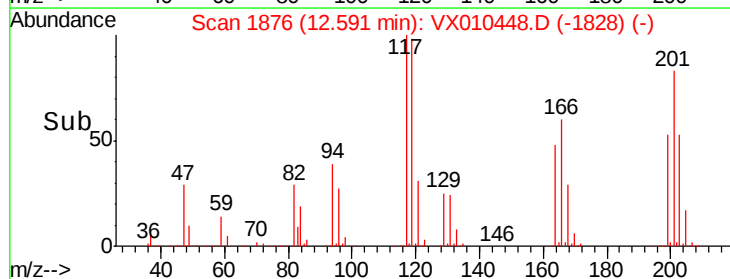
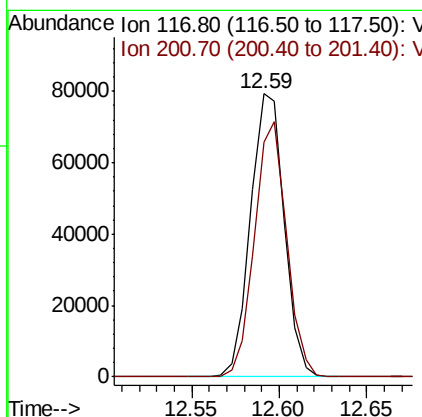
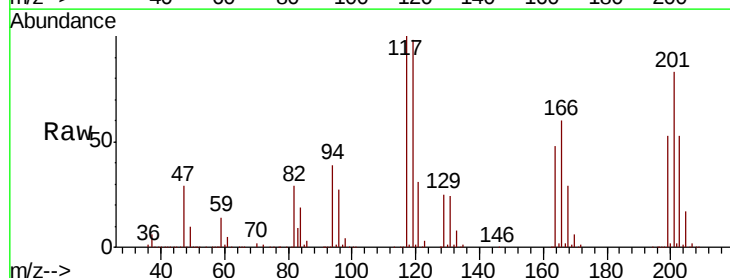
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

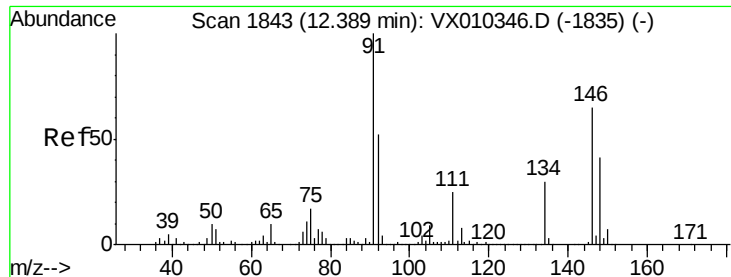
Tot Ion: 91 Resp: 534950
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 28.2 14.1 42.4



#90
Hexachloroethane
Concen: 50.605 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion: 117 Resp: 106899
Ion Ratio Lower Upper
117 100
201 86.0 44.0 131.8

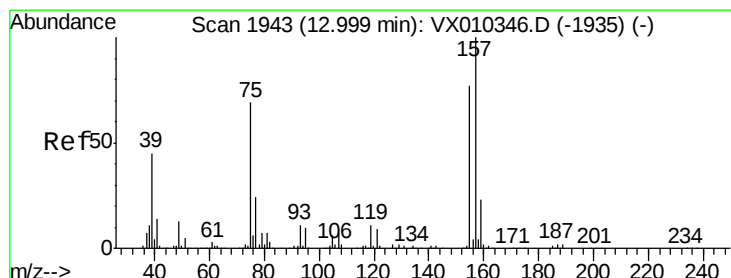
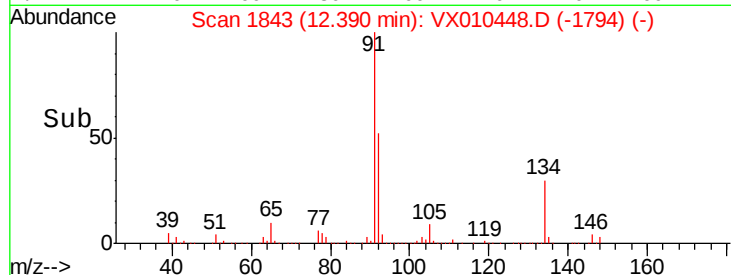
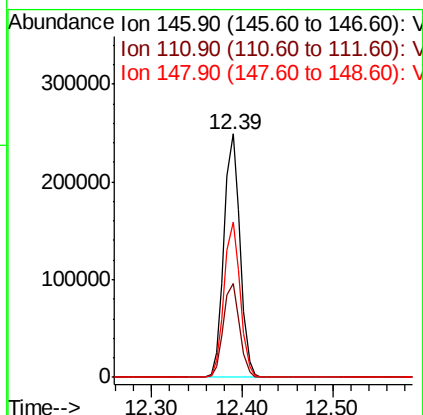
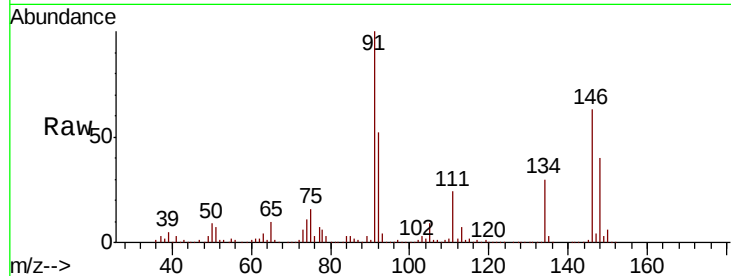




#91
 1,2-Dichlorobenzene
 Concen: 46.812 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

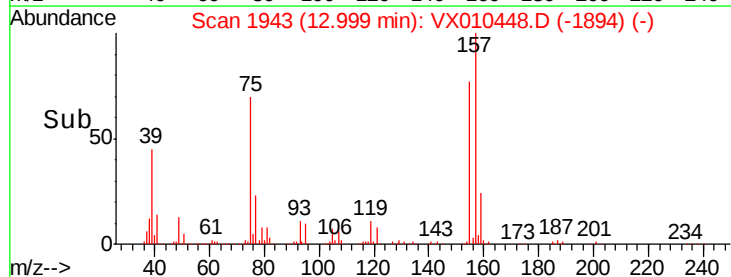
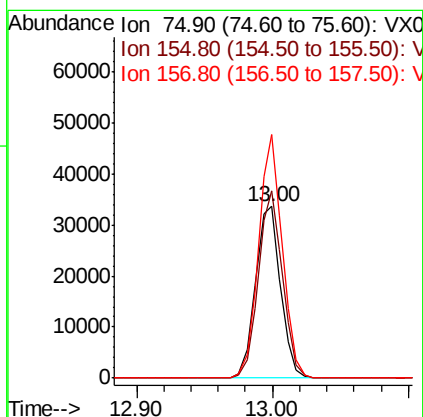
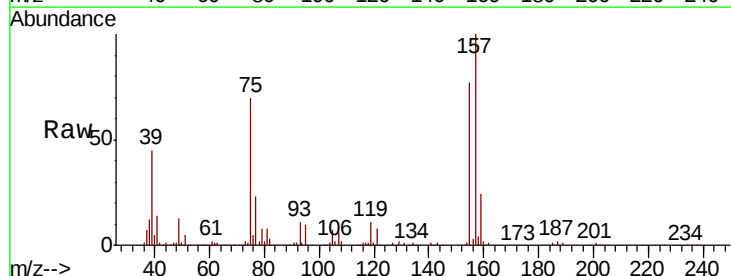
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 308296
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.2 57.6
 148 63.5 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.072 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Tgt Ion: 75 Resp: 43752
 Ion Ratio Lower Upper
 75 100
 155 104.5 54.4 163.1
 157 133.4 69.5 208.3

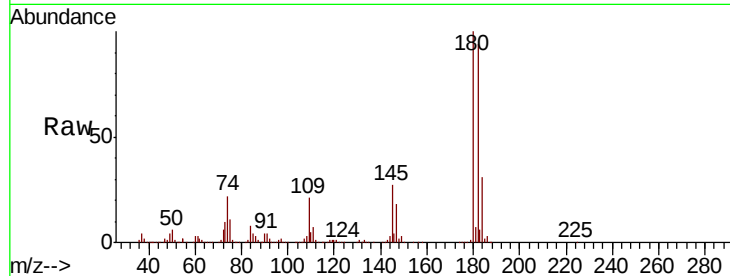




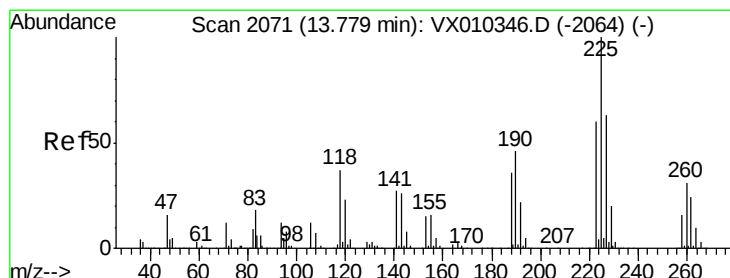
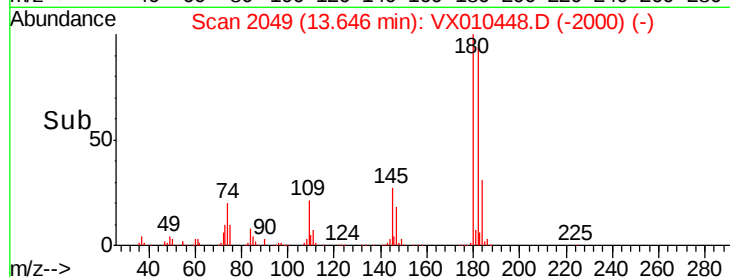
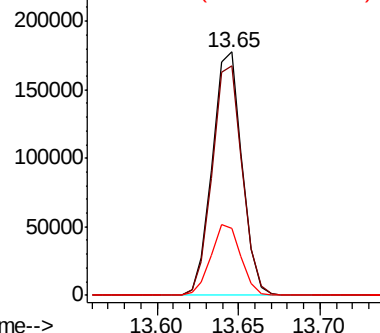
#93
 1,2,4-Trichlorobenzene
 Concen: 49.355 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 225412
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.0 144.0
 145 29.2 14.4 43.4

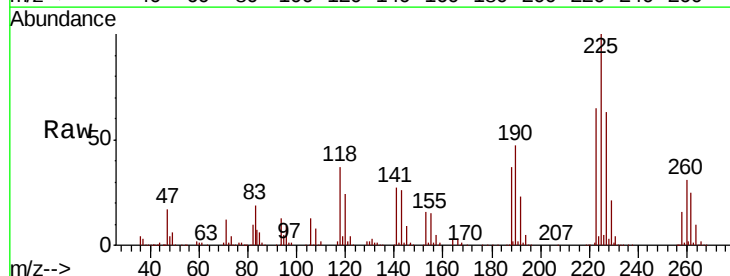


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

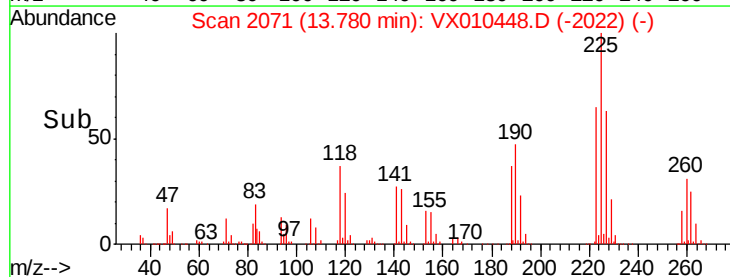
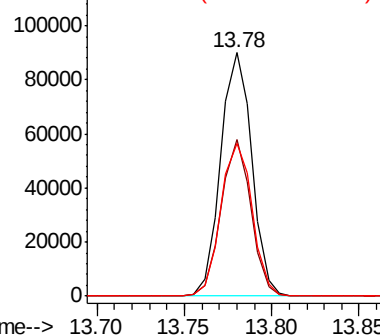


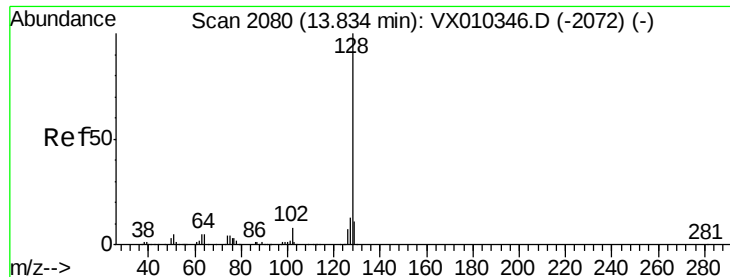
#94
 Hexachlorobutadiene
 Concen: 49.815 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Tgt Ion:225 Resp: 111193
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.9 92.7
 227 63.4 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

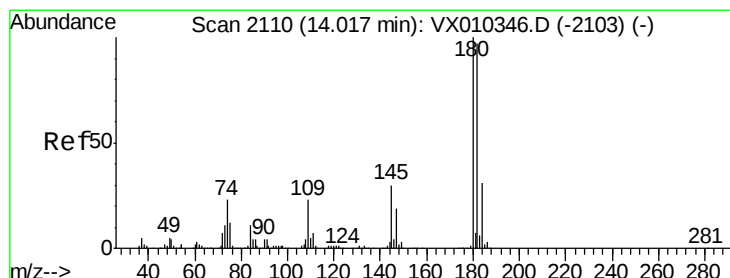
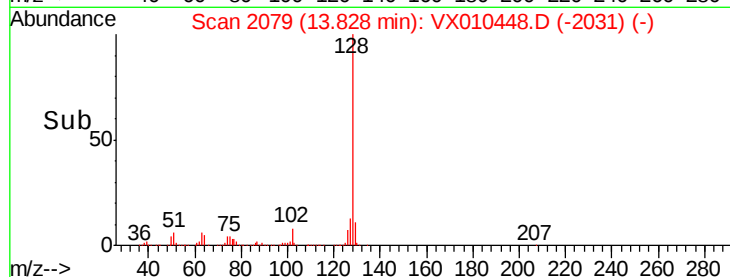
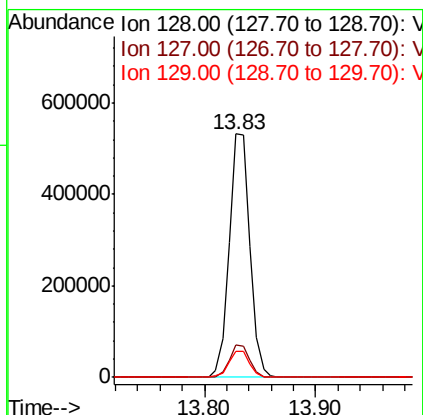
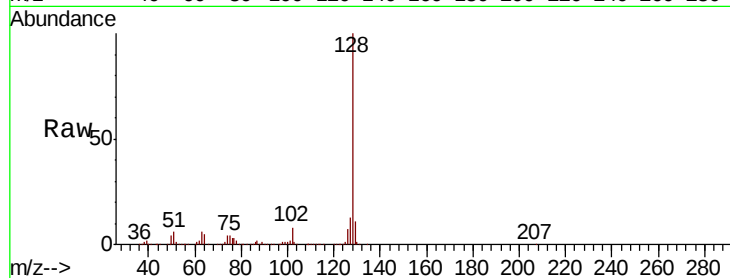




#95
Naphthalene
Concen: 48.493 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 680603
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.267 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion:180 Resp: 223716
Ion Ratio Lower Upper
180 100
182 95.8 47.8 143.3
145 30.4 15.2 45.6

