

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061719\
 Data File : VX010315.D
 Acq On : 17 Jun 2019 11:12
 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 17 11:36:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	302765	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	437457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	399473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	133982	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
35) Dibromofluoromethane	5.49	113	134840	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	8.71	98	507884	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	191311	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	146234	52.491	ug/l	99
3) Chloromethane	1.32	50	131169	47.410	ug/l	99
4) Vinyl Chloride	1.41	62	142037	54.623	ug/l	100
5) Bromomethane	1.64	94	59779	60.922	ug/l	98
6) Chloroethane	1.71	64	86718	66.146	ug/l	98
7) Trichlorofluoromethane	1.93	101	234039	60.592	ug/l	100
8) Diethyl Ether	2.18	74	79601	59.792	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140377	52.723	ug/l	91
10) Methyl Iodide	2.51	142	184706	44.774	ug/l	97
11) Tert butyl alcohol	3.04	59	173745	239.988	ug/l	99
12) 1,1-Dichloroethene	2.37	96	135621	49.870	ug/l #	78
13) Acrolein	2.29	56	33986	257.451	ug/l	99
14) Allyl chloride	2.73	41	196990	47.988	ug/l #	86
15) Acrylonitrile	3.14	53	372624	251.809	ug/l	99
16) Acetone	2.44	43	364135	261.965	ug/l #	88
17) Carbon Disulfide	2.57	76	331661	42.208	ug/l	99
18) Methyl Acetate	2.77	43	160534	52.515	ug/l #	83
19) Methyl tert-butyl Ether	3.19	73	441568	50.541	ug/l	93
20) Methylene Chloride	2.85	84	150478	49.294	ug/l #	78
21) trans-1,2-Dichloroethene	3.16	96	143764	47.769	ug/l #	78
22) Diisopropyl ether	3.85	45	414903	52.864	ug/l #	81
23) Vinyl Acetate	3.81	43	1797991	256.793	ug/l #	87
24) 1,1-Dichloroethane	3.69	63	237569	49.854	ug/l	96
25) 2-Butanone	4.67	43	535450	258.690	ug/l #	84
26) 2,2-Dichloropropane	4.58	77	217462	50.022	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	172520	51.529	ug/l	77
28) Bromochloromethane	5.01	49	110480	51.731	ug/l #	48
29) Tetrahydrofuran	5.12	42	321387	247.067	ug/l #	75
30) Chloroform	5.21	83	255349	51.597	ug/l	98
31) Cyclohexane	5.57	56	213243	49.583	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	229585	49.347	ug/l	93
36) 1,1-Dichloropropene	5.80	75	182117	51.028	ug/l	91
37) Ethyl Acetate	4.83	43	191215	51.493	ug/l #	92
38) Carbon Tetrachloride	5.78	117	211359	52.321	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	249760	51.393	ug/l #	84
40) Benzene	6.13	78	581217	52.666	ug/l	99
41) Methacrylonitrile	5.04	41	104988	52.266	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	183138	51.980	ug/l	93
43) Isopropyl Acetate	6.44	43	323161	52.049	ug/l #	90
44) Trichloroethene	7.21	130	175658	52.805	ug/l	90
45) 1,2-Dichloropropane	7.51	63	146974	53.209	ug/l	99
46) Dibromomethane	7.66	93	106429	51.430	ug/l	90
47) Bromodichloromethane	7.89	83	205244	53.078	ug/l #	99
48) Methyl methacrylate	7.76	41	152358	52.471	ug/l #	77
49) 1,4-Dioxane	7.74	88	77476	935.842	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	1020434	275.113	ug/l	90
52) Toluene	8.78	92	387740	53.449	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	233841	52.282	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	249721	52.080	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	164349	55.318	ug/l	95
56) Ethyl methacrylate	9.18	69	251227	53.530	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	250199	53.491	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	554040	250.417	ug/l #	86
59) 2-Hexanone	9.49	43	807402	273.016	ug/l	88
60) Dibromochloromethane	9.58	129	193688	55.116	ug/l	100
61) 1,2-Dibromoethane	9.67	107	175809	53.131	ug/l	99
64) Tetrachloroethene	9.34	164	165274	55.705	ug/l	95
65) Chlorobenzene	10.13	112	444113	53.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	171915	54.221	ug/l	100
67) Ethyl Benzene	10.25	91	756119	53.872	ug/l	95
68) m/p-Xylenes	10.35	106	594357	109.431	ug/l	89
69) o-Xylene	10.69	106	290580	53.821	ug/l	89
70) Styrene	10.71	104	500442	54.728	ug/l	95
71) Bromoform	10.85	173	159724	54.798	ug/l #	98
73) Isopropylbenzene	11.02	105	774964	52.029	ug/l	95
74) N-amyl acetate	10.90	43	296021	50.277	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	254285	49.873	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	294375	68.975	ug/l	81
77) Bromobenzene	11.25	156	213503	52.125	ug/l	81
78) n-propylbenzene	11.36	91	877834	52.939	ug/l	94
79) 2-Chlorotoluene	11.42	91	505190	50.726	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	650665	51.865	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	93703	48.509	ug/l	84
82) 4-Chlorotoluene	11.51	91	589499	52.107	ug/l	91
83) tert-Butylbenzene	11.77	119	660473	52.015	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	657719	51.904	ug/l	96
85) sec-Butylbenzene	11.94	105	786963	53.198	ug/l	96
86) p-Isopropyltoluene	12.06	119	728824	53.892	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	385436	53.424	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	383051	52.668	ug/l	98
89) n-Butylbenzene	12.38	91	632569	54.339	ug/l	97
90) Hexachloroethane	12.60	117	135406	50.262	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	373474	53.247	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54251	45.217	ug/l	68

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QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

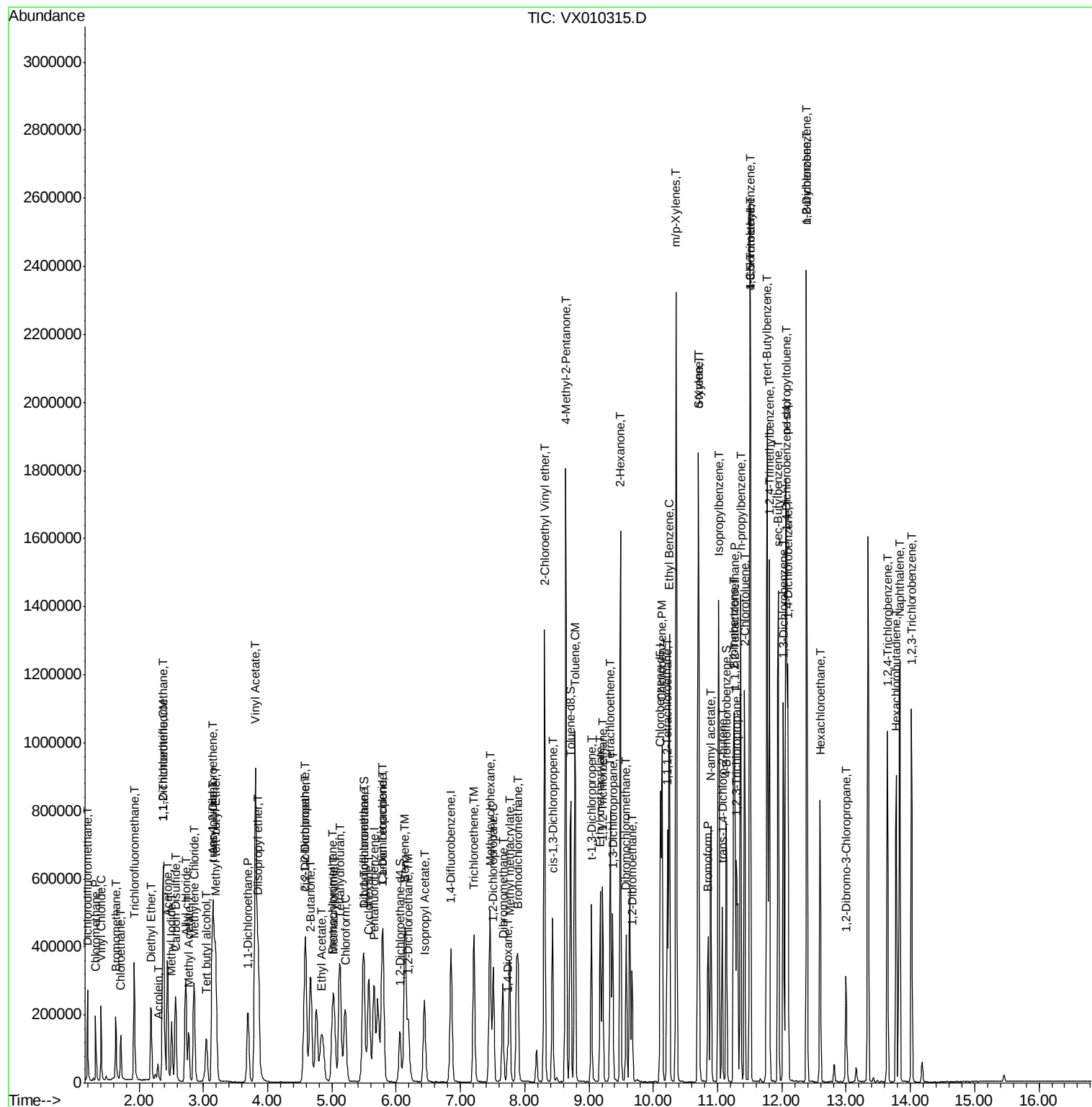
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	276988	53.950	ug/l	99
94) Hexachlorobutadiene	13.78	225	134949	59.101	ug/l	99
95) Naphthalene	13.83	128	826413	51.133	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	272770	53.733	ug/l	99

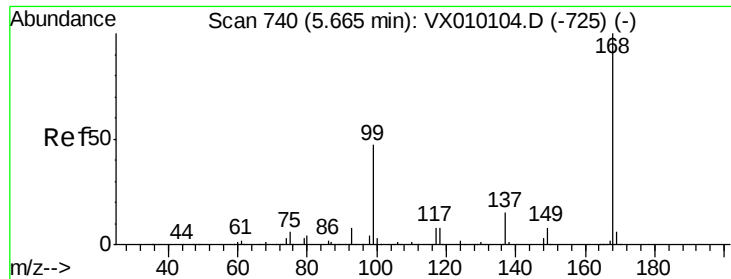
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\WX061719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

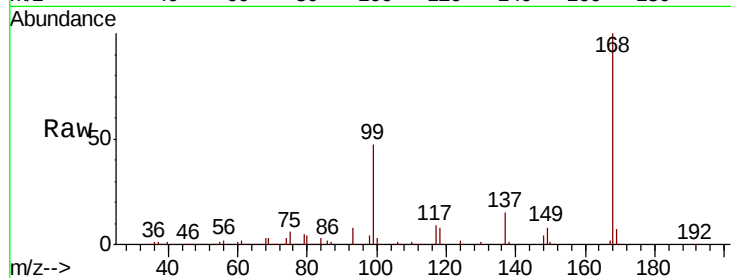
VSTDCCC050

Tgt Ion:168 Resp: 302765

Ion Ratio Lower Upper

168 100

99 46.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

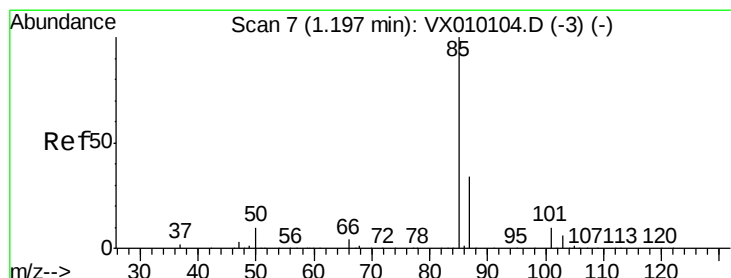
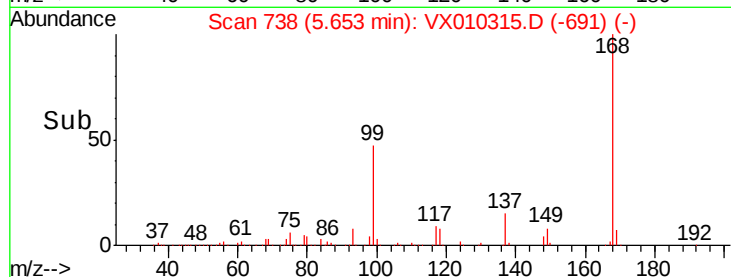
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.491 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010315.D

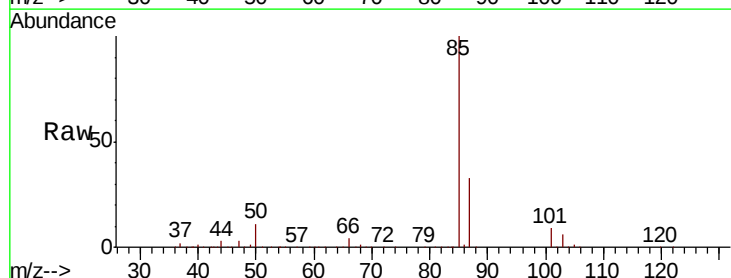
Acq: 17 Jun 2019 11:12

Tgt Ion: 85 Resp: 146234

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

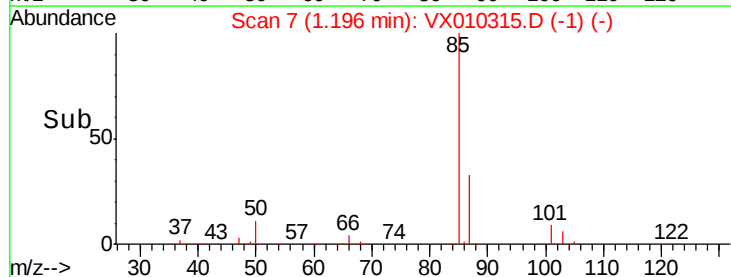
150000

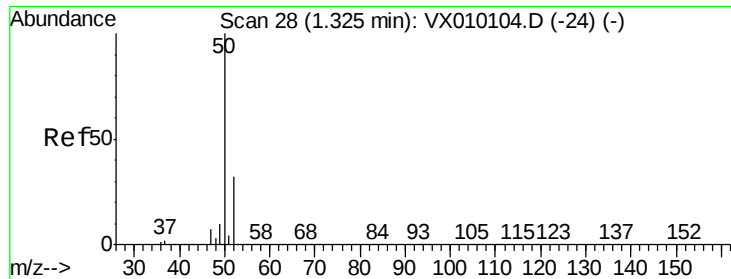
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.410 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

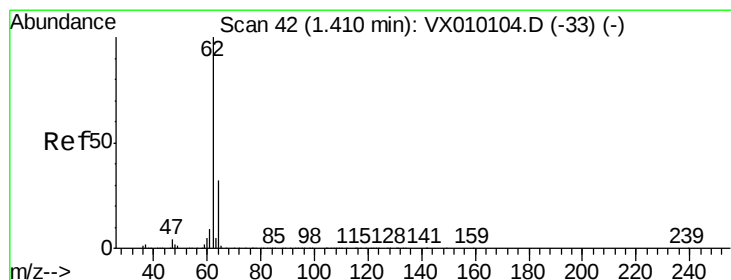
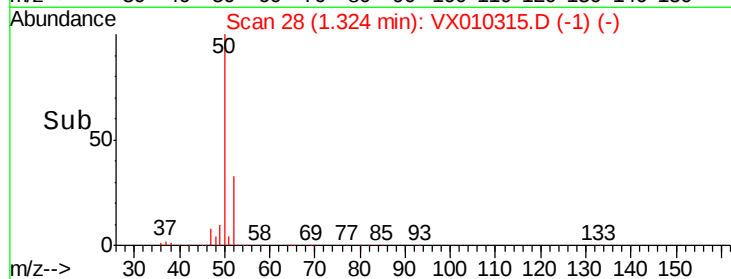
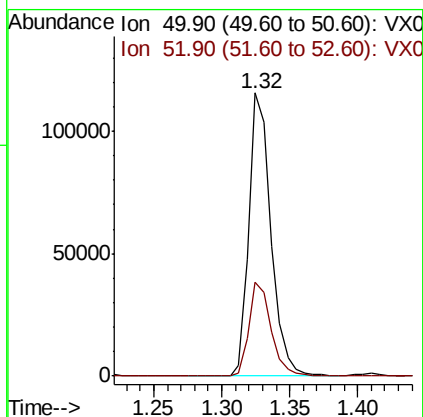
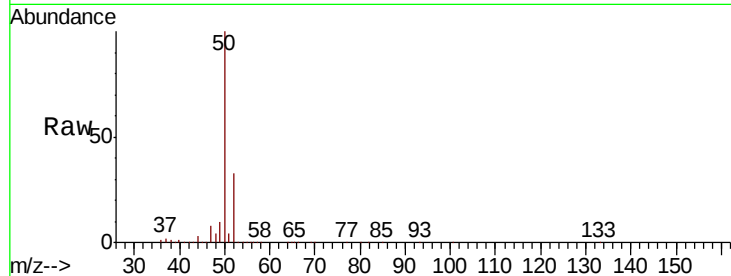
VSTDCCC050

Tgt Ion: 50 Resp: 131169

Ion Ratio Lower Upper

50 100

52 33.2 26.0 39.0



#4

Vinyl Chloride

Concen: 54.623 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010315.D

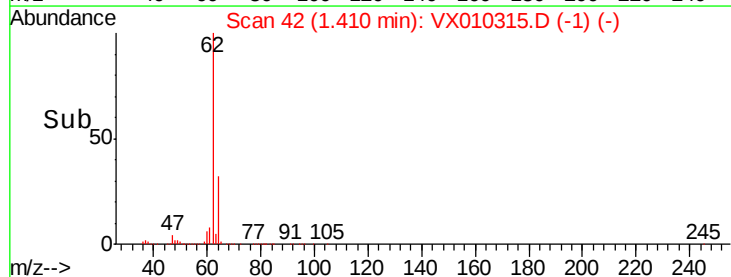
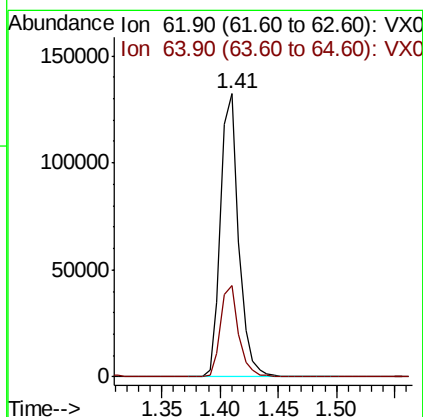
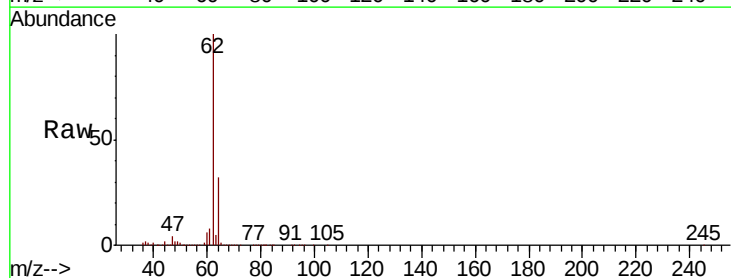
Acq: 17 Jun 2019 11:12

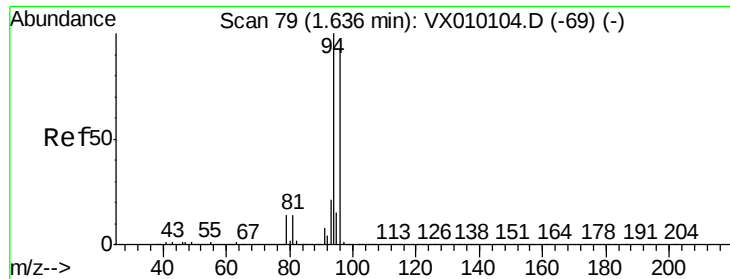
Tgt Ion: 62 Resp: 142037

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 60.922 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

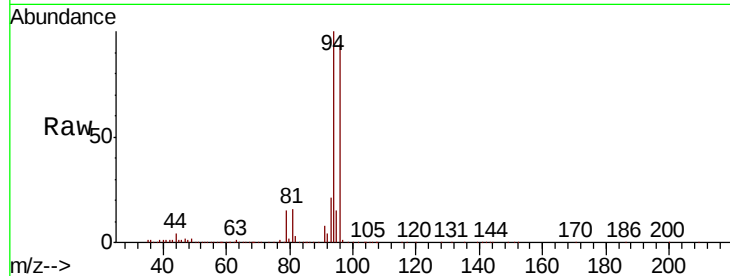
VSTDCCC050

Tgt Ion: 94 Resp: 59779

Ion Ratio Lower Upper

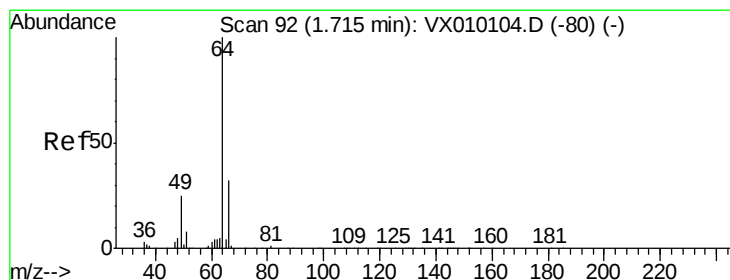
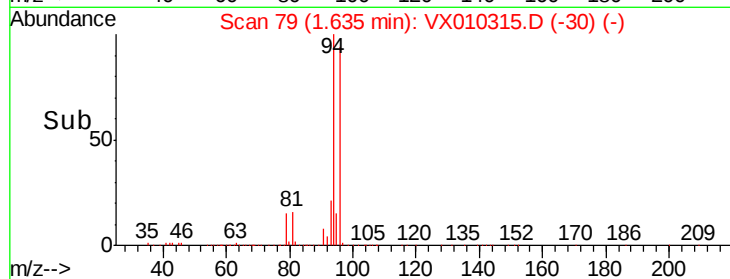
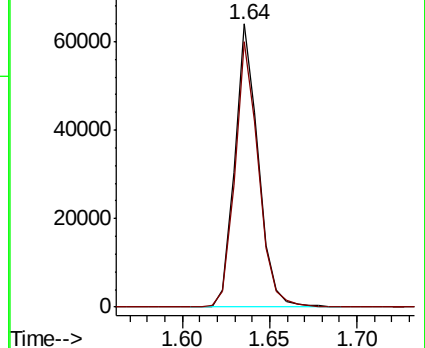
94 100

96 93.8 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 66.146 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010315.D

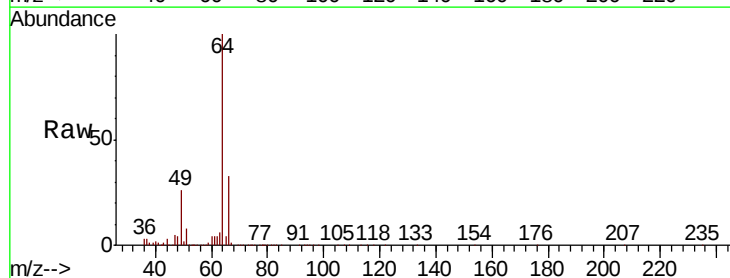
Acq: 17 Jun 2019 11:12

Tgt Ion: 64 Resp: 86718

Ion Ratio Lower Upper

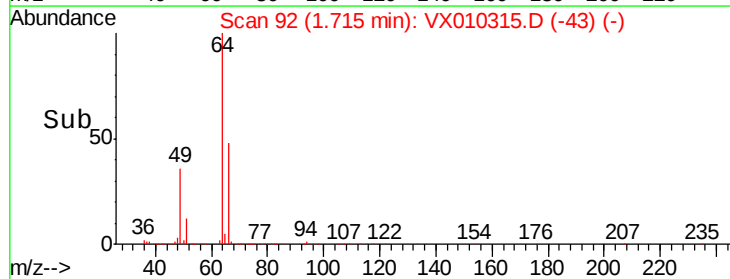
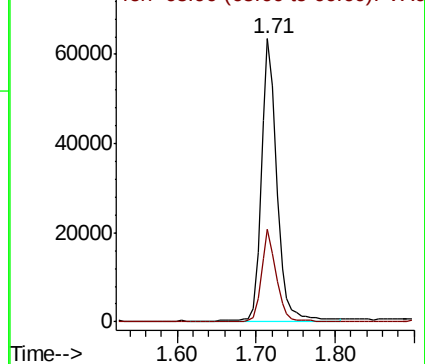
64 100

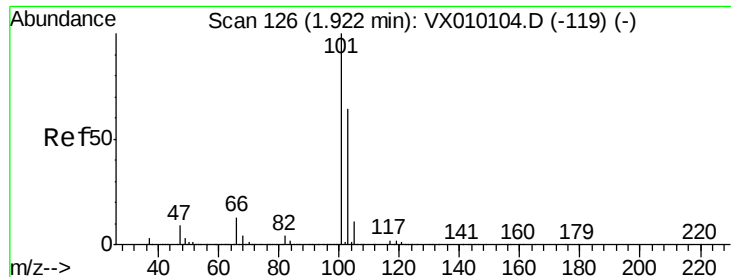
66 32.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



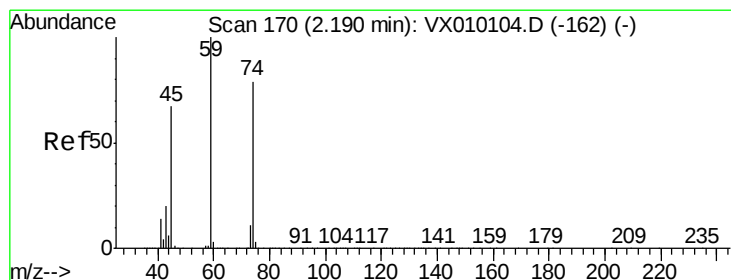
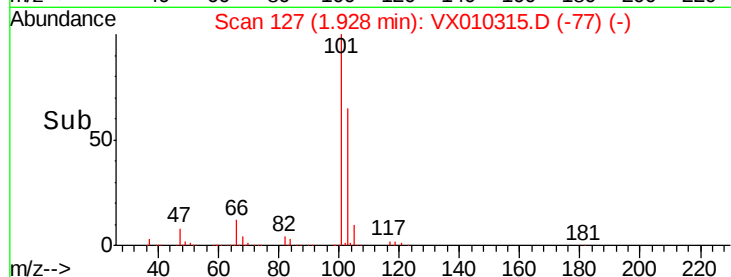
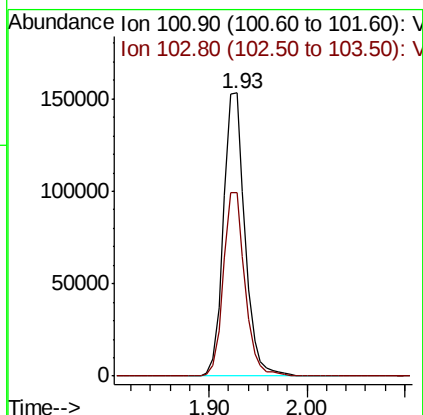
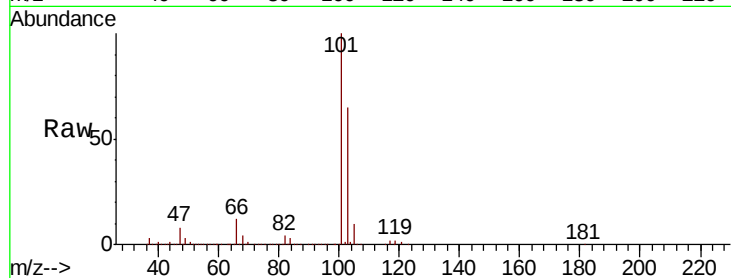


#7

Trichlorofluoromethane
 Concen: 60.592 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Instrument :
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 VSTDCCC050

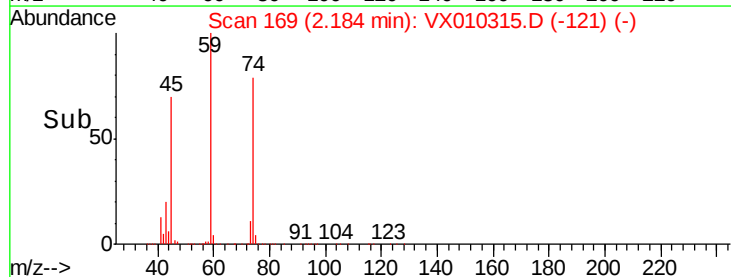
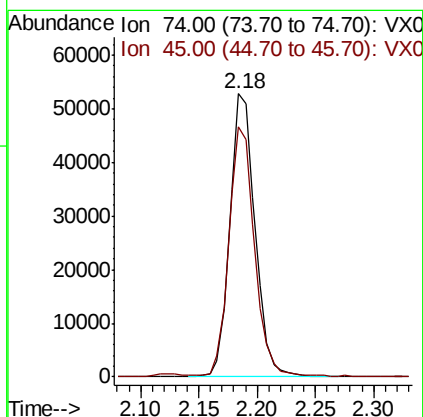
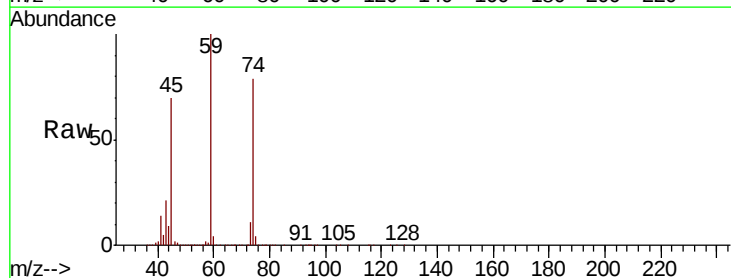
Tgt Ion: 101 Resp: 234039
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.2 78.4

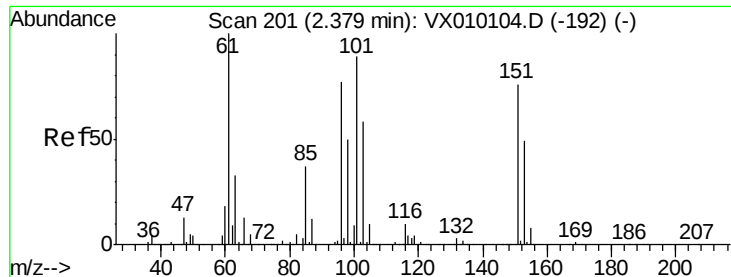


#8

Diethyl Ether
 Concen: 59.792 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Tgt Ion: 74 Resp: 79601
 Ion Ratio Lower Upper
 74 100
 45 89.2 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.723 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

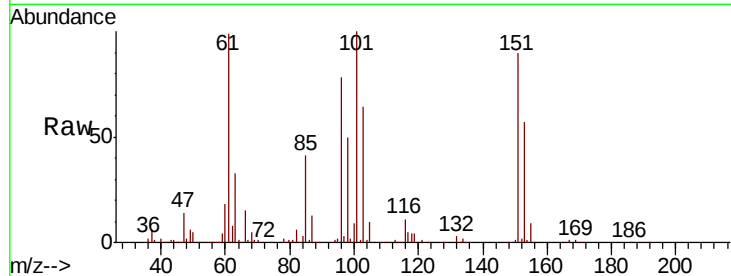
Tgt Ion:101 Resp: 140377

Ion Ratio Lower Upper

101 100

85 41.6 35.2 52.8

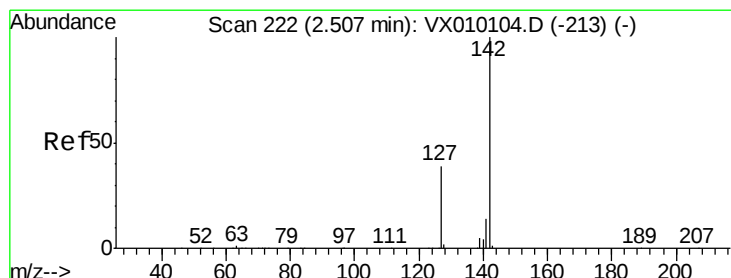
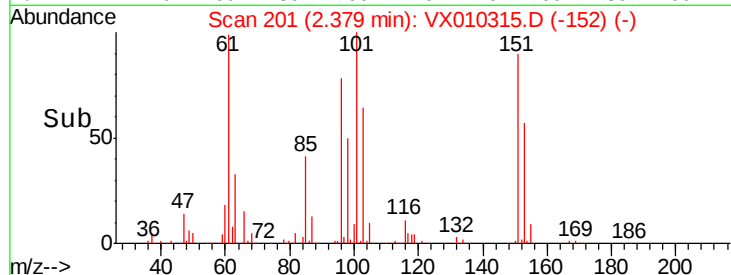
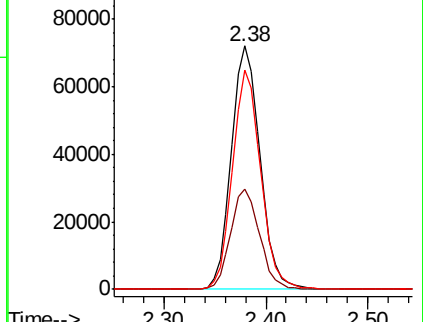
151 88.5 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.774 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

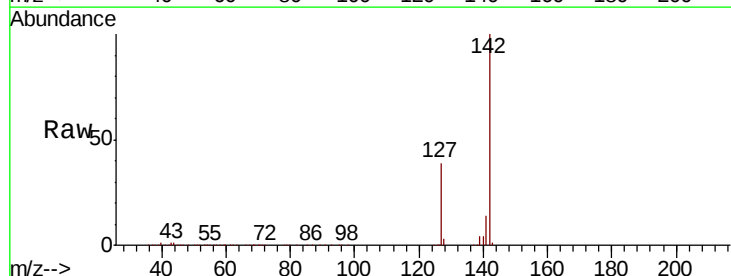
Tgt Ion:142 Resp: 184706

Ion Ratio Lower Upper

142 100

127 38.8 33.0 49.4

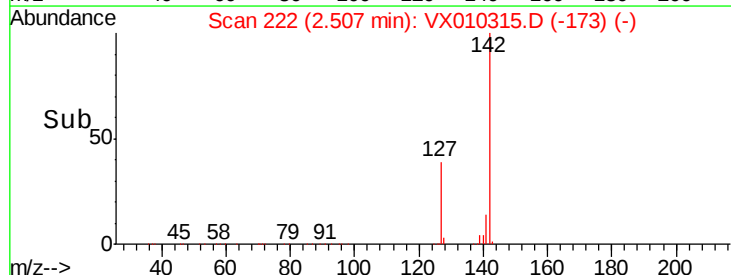
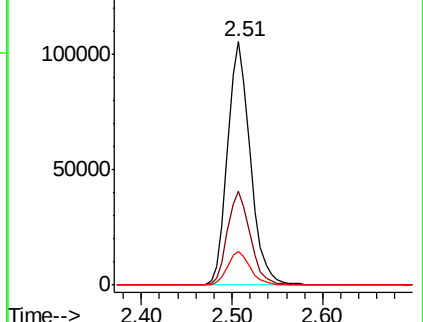
141 13.9 11.4 17.0

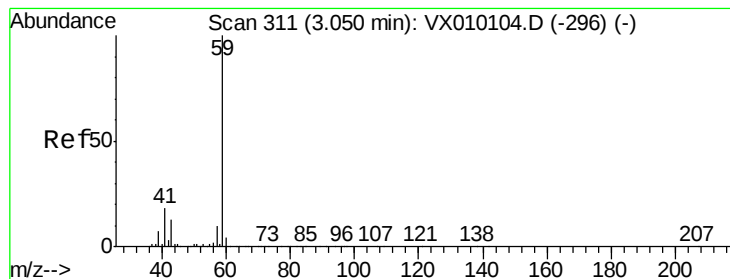


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



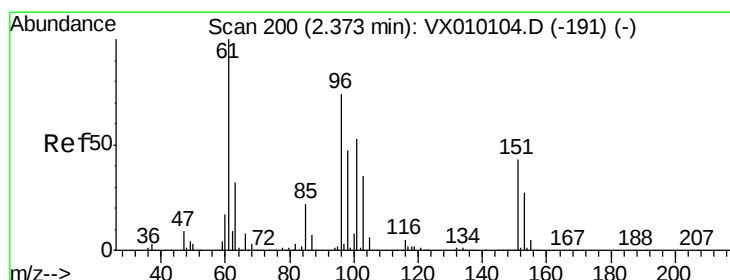
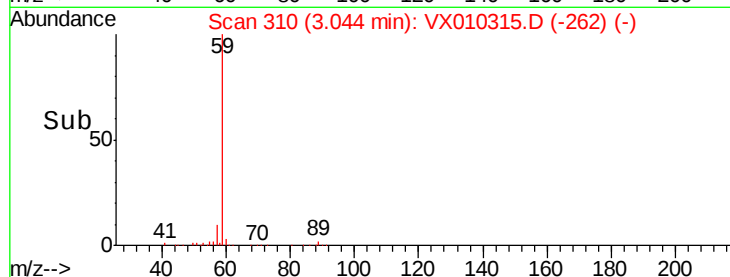
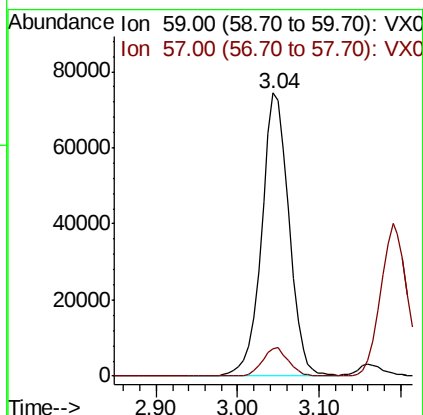
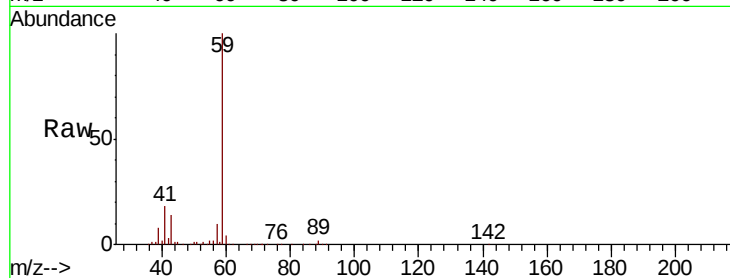


#11

Tert butyl alcohol
Concen: 239.988 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

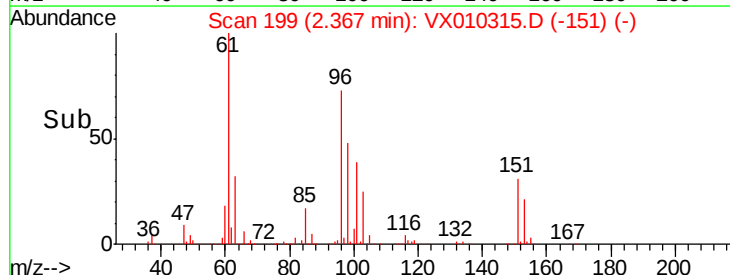
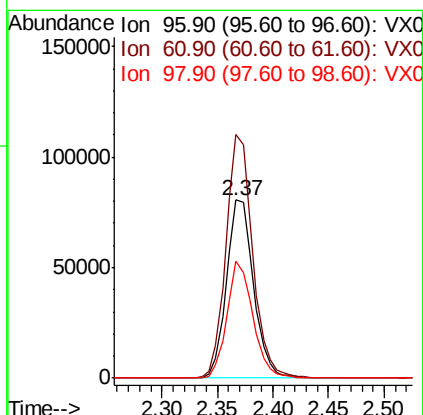
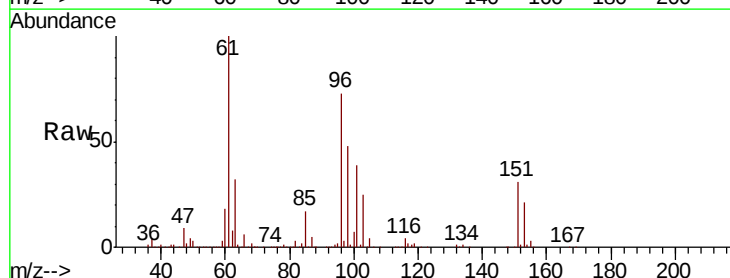
Tgt Ion: 59 Resp: 173745
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

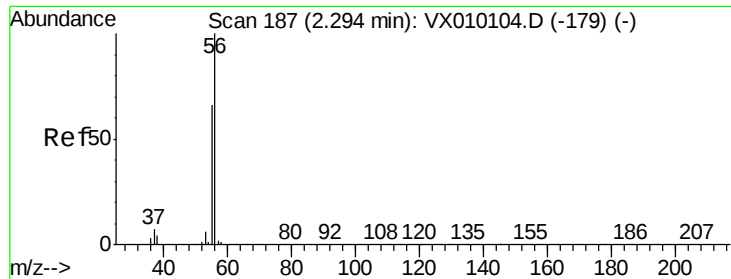


#12

1,1-Dichloroethene
Concen: 49.870 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion: 96 Resp: 135621
Ion Ratio Lower Upper
96 100
61 136.8 140.7 211.1#
98 65.9 50.1 75.1





#13

Acrolein

Concen: 257.451 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

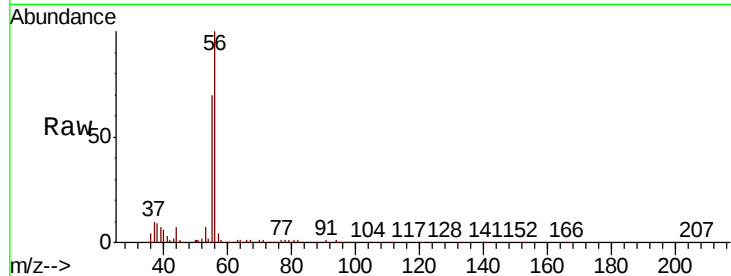
VSTDCCC050

Tgt Ion: 56 Resp: 33986

Ion Ratio Lower Upper

56 100

55 71.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

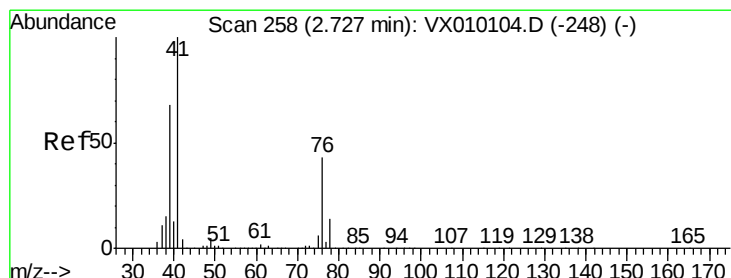
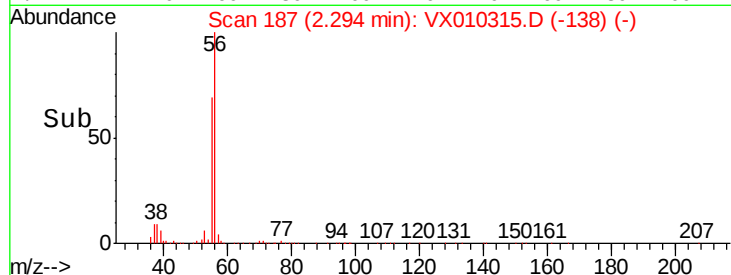
5000

0

Time-->

2.20 2.25 2.30 2.35 2.40

2.29



#14

Allyl chloride

Concen: 47.988 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

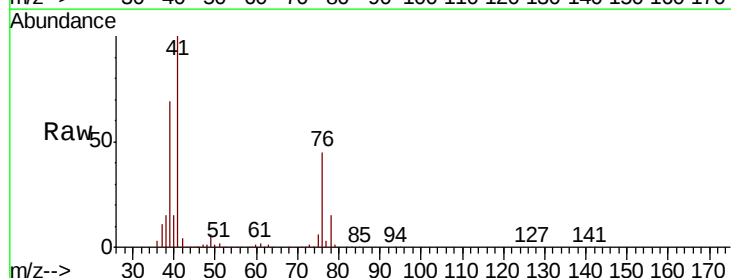
Tgt Ion: 41 Resp: 196990

Ion Ratio Lower Upper

41 100

39 64.1 46.7 70.1

76 39.8 21.0 31.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

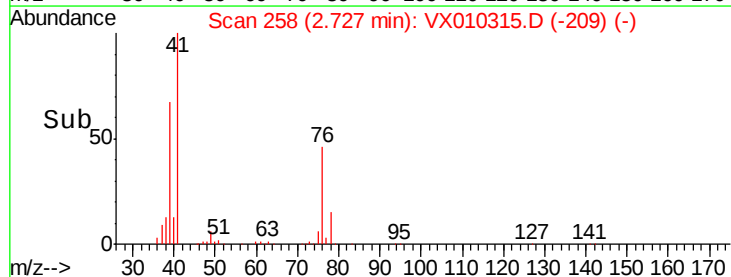
50000

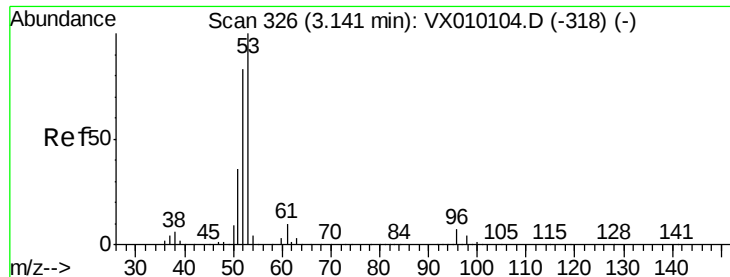
0

Time-->

2.60 2.70 2.80

2.73





#15

Acrylonitrile

Concen: 251.809 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

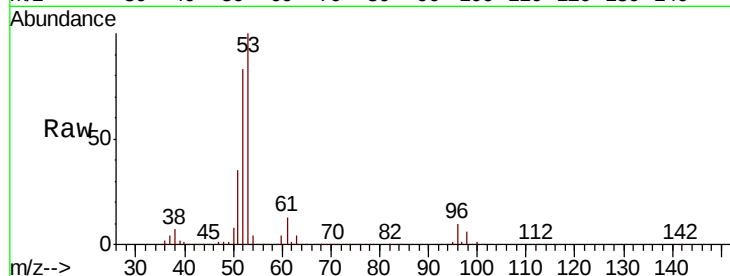
Tgt Ion: 53 Resp: 372624

Ion Ratio Lower Upper

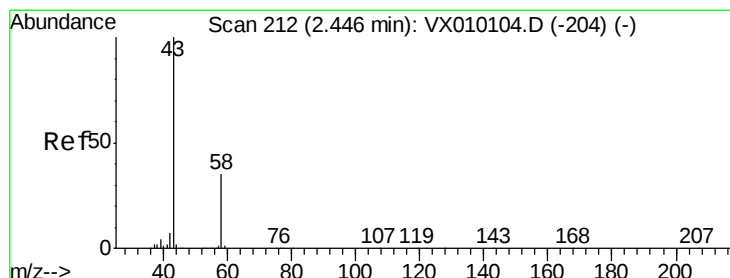
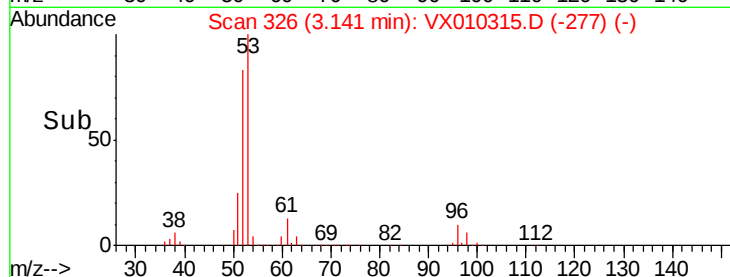
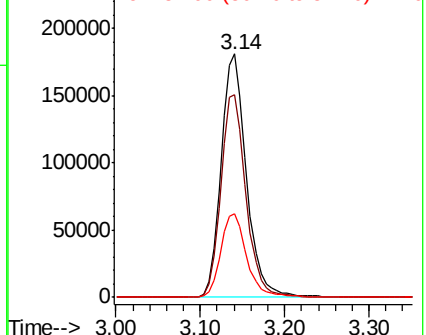
53 100

52 83.1 66.7 100.1

51 35.2 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 261.965 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010315.D

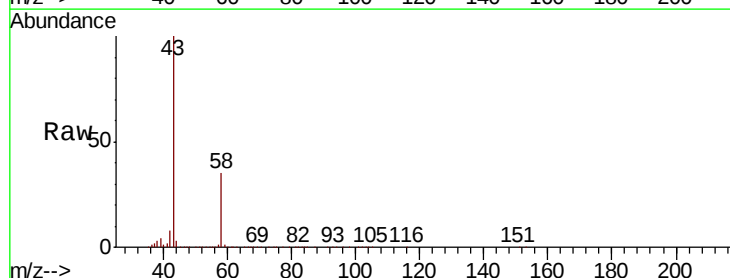
Acq: 17 Jun 2019 11:12

Tgt Ion: 43 Resp: 364135

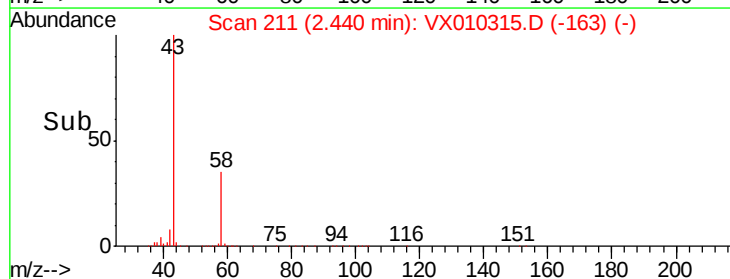
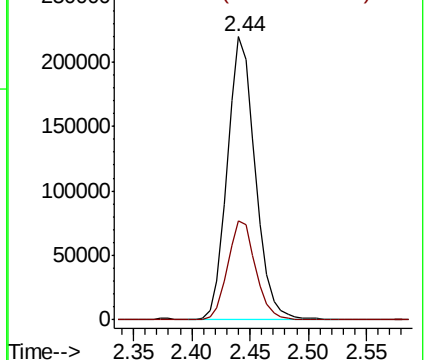
Ion Ratio Lower Upper

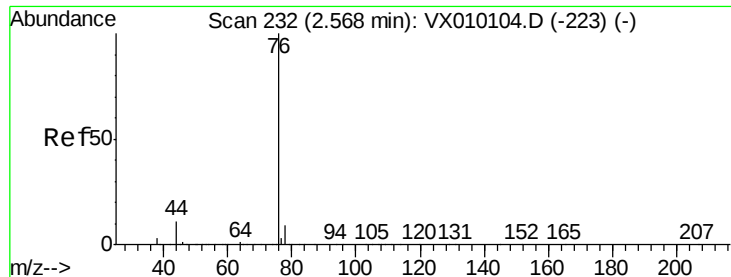
43 100

58 35.2 23.2 34.8#



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





#17

Carbon Disulfide

Concen: 42.208 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

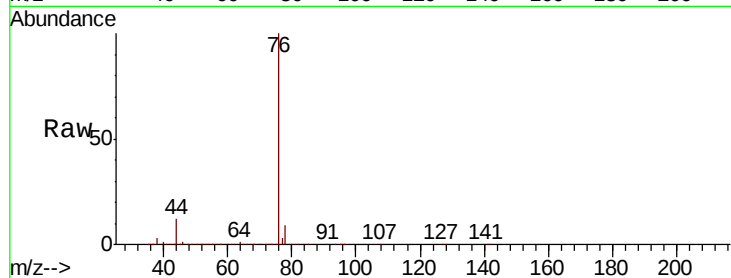
VSTDCCC050

Tgt Ion: 76 Resp: 331661

Ion Ratio Lower Upper

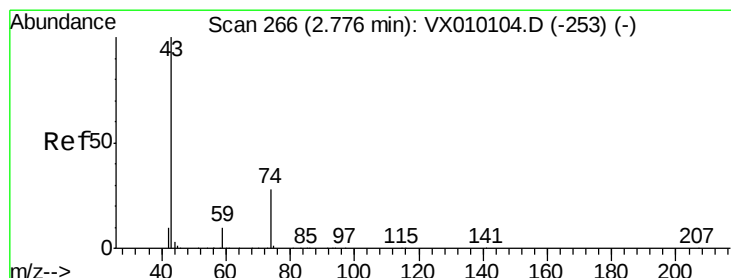
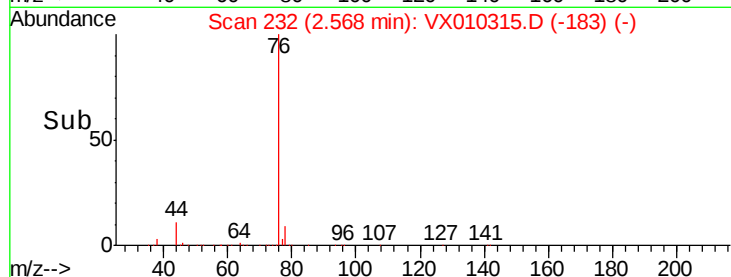
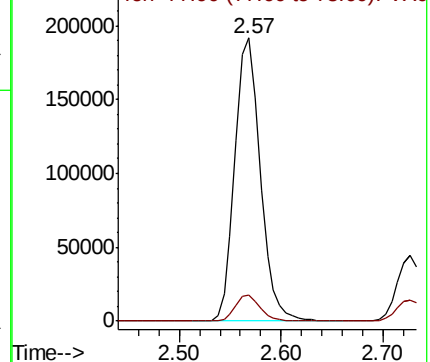
76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.515 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010315.D

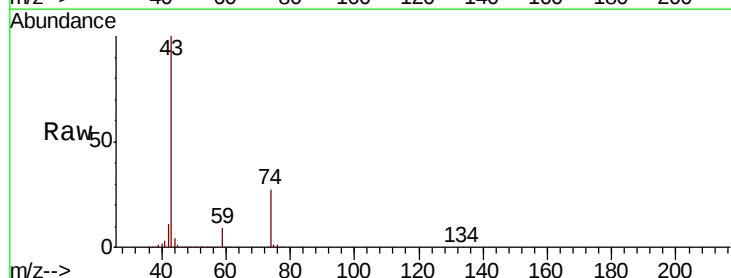
Acq: 17 Jun 2019 11:12

Tgt Ion: 43 Resp: 160534

Ion Ratio Lower Upper

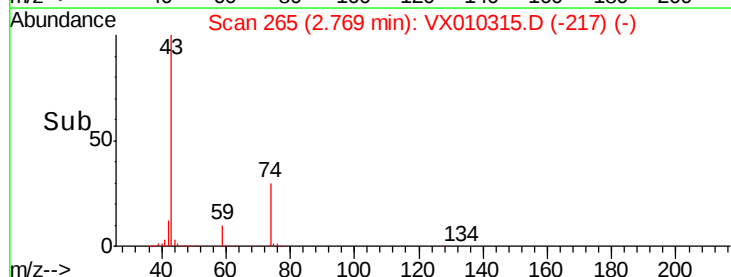
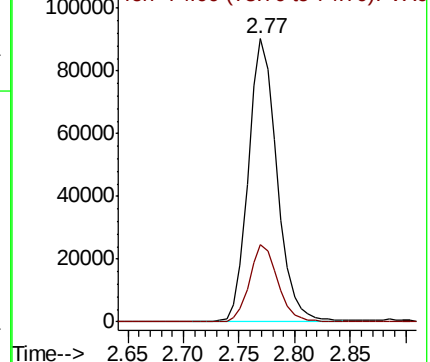
43 100

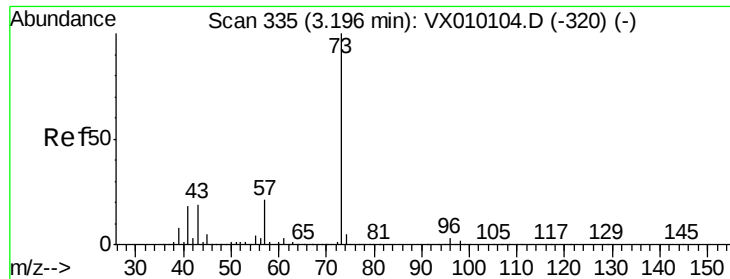
74 27.6 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

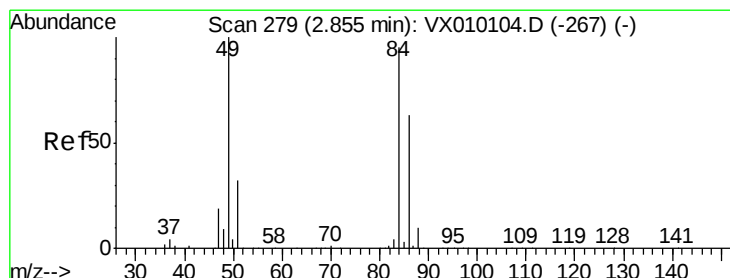
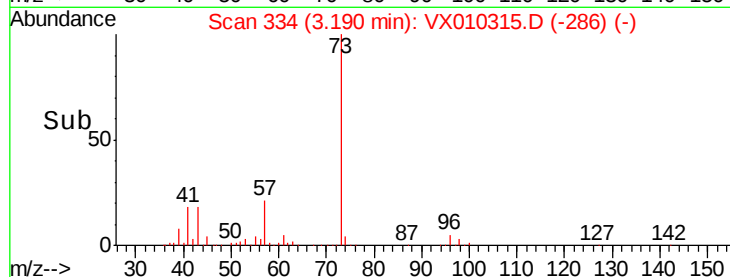
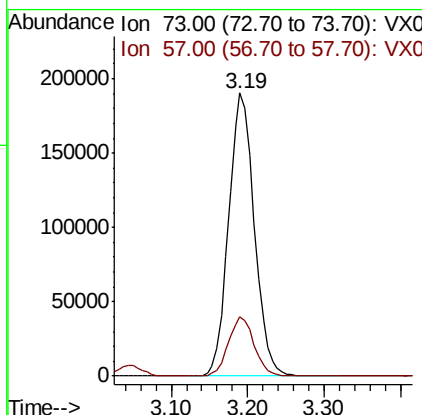
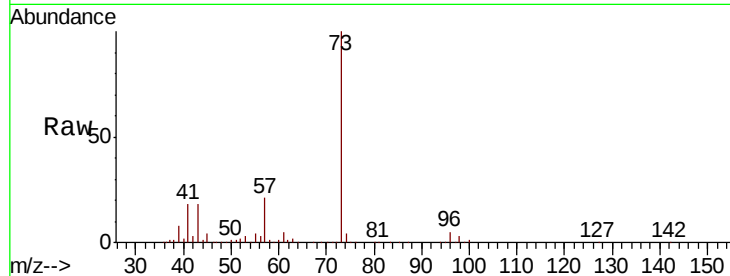




#19
Methyl tert-butyl Ether
Concen: 50.541 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

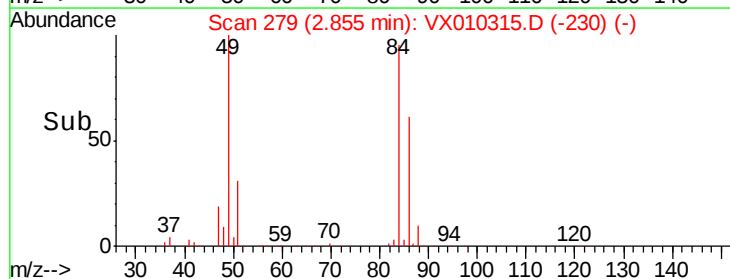
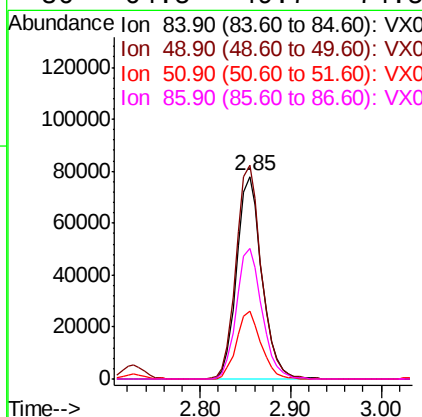
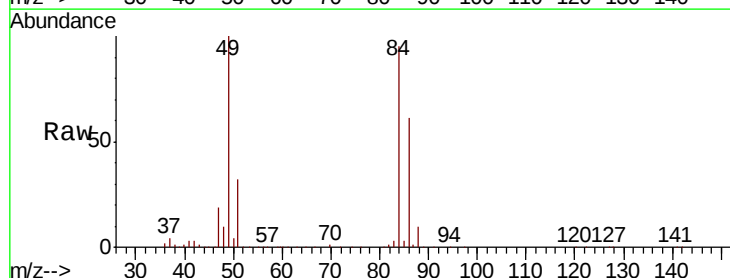
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

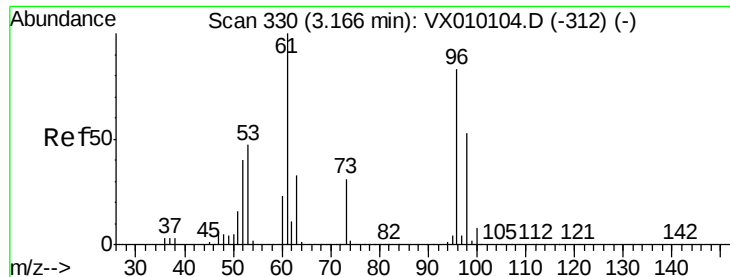
Tgt Ion: 73 Resp: 441568
Ion Ratio Lower Upper
73 100
57 21.0 19.4 29.2



#20
Methylene Chloride
Concen: 49.294 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion: 84 Resp: 150478
Ion Ratio Lower Upper
84 100
49 105.3 115.8 173.6#
51 33.1 34.4 51.6#
86 64.5 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 47.769 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

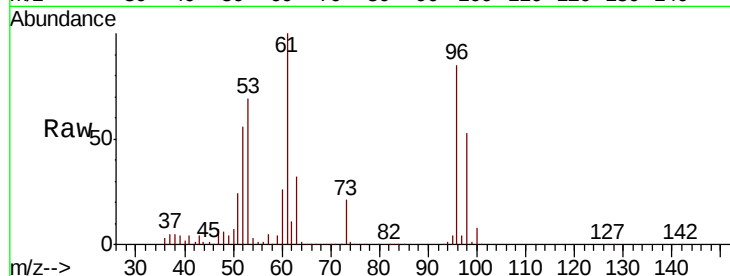
Tgt Ion: 96 Resp: 143764

Ion Ratio Lower Upper

96 100

61 117.2 125.7 188.5#

98 62.2 49.0 73.6

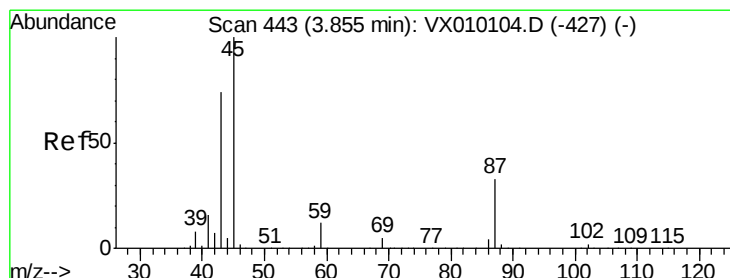
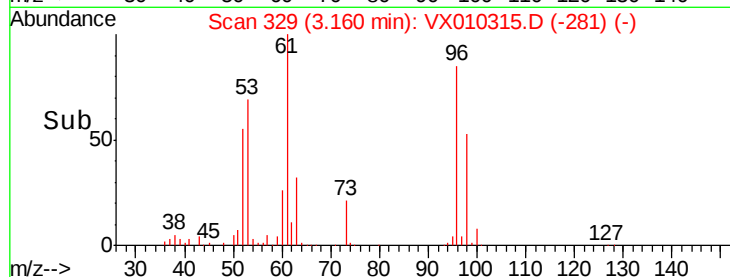
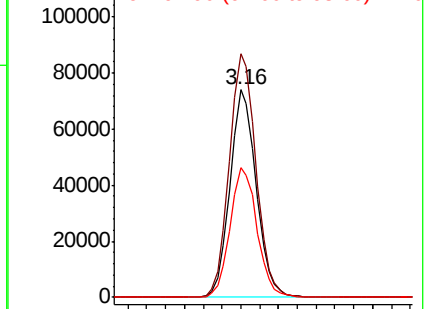


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.864 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Tgt Ion: 45 Resp: 414903

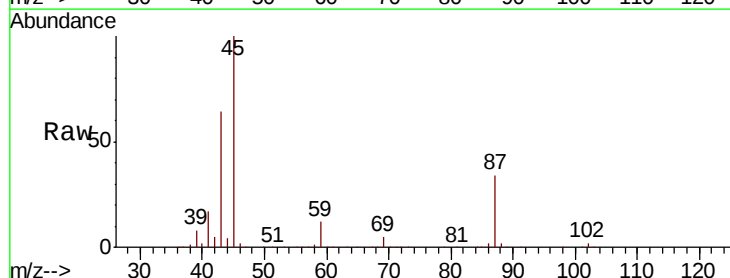
Ion Ratio Lower Upper

45 100

43 64.2 65.0 97.4#

87 34.1 17.3 25.9#

59 12.3 8.1 12.1#



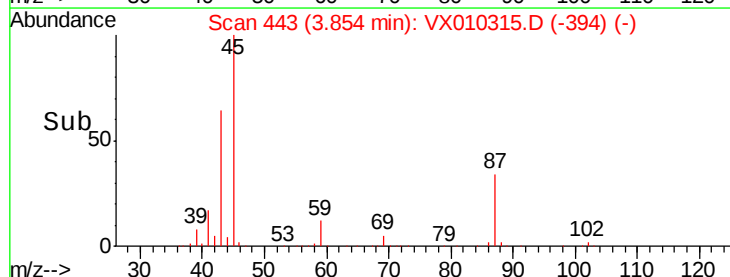
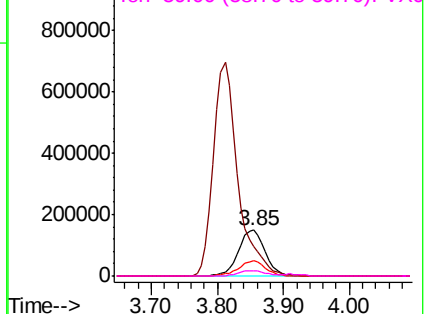
Abundance

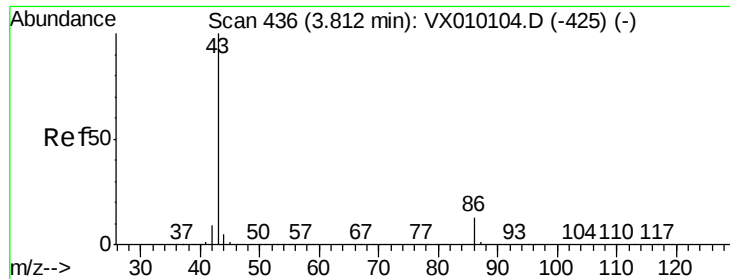
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 256.793 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

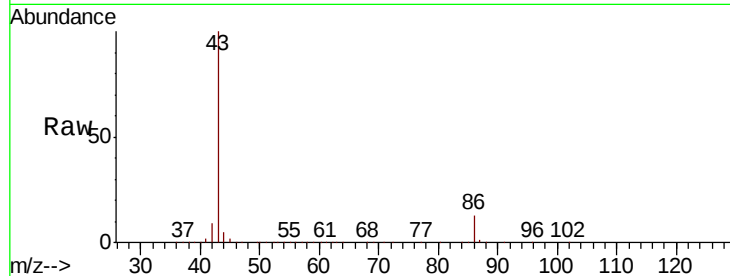
VSTDCCC050

Tgt Ion: 43 Resp: 1797991

Ion Ratio Lower Upper

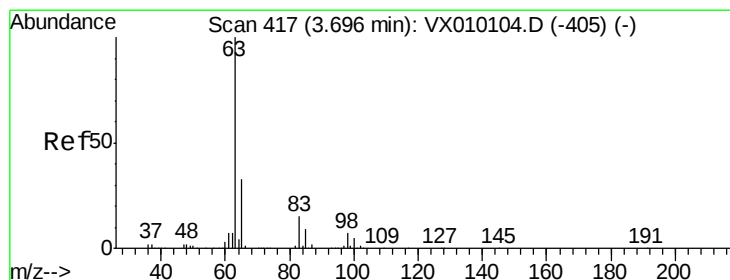
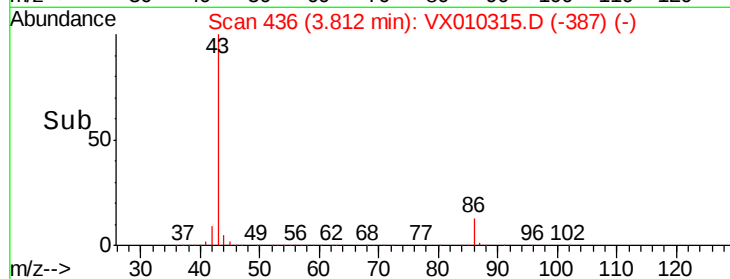
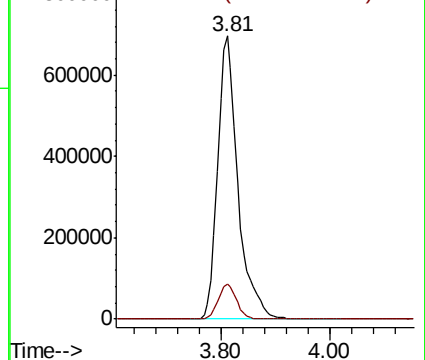
43 100

86 12.5 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.854 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

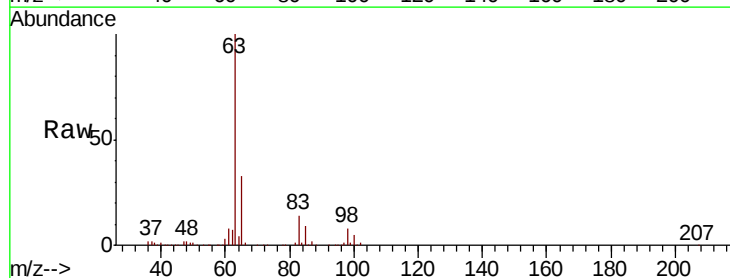
Tgt Ion: 63 Resp: 237569

Ion Ratio Lower Upper

63 100

98 7.5 2.9 8.8

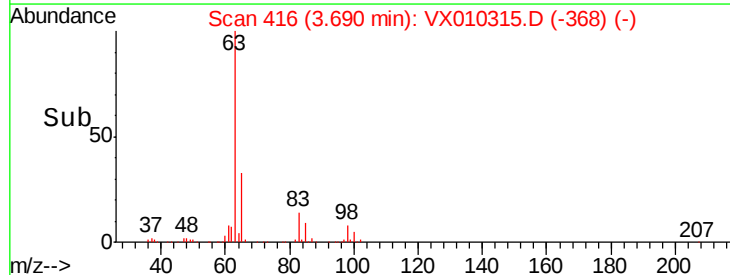
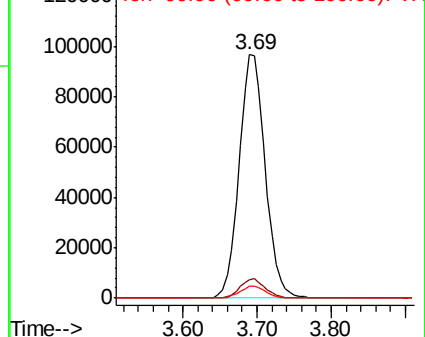
100 4.7 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 258.690 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

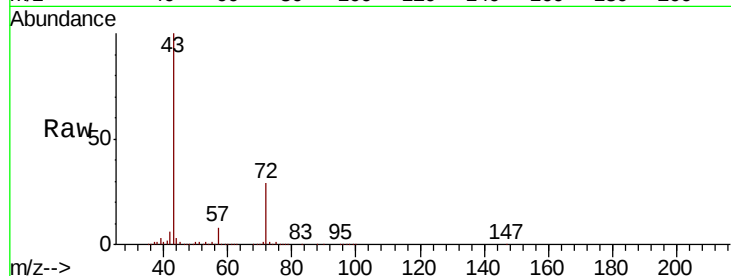
VSTDCCC050

Tgt Ion: 43 Resp: 535450

Ion Ratio Lower Upper

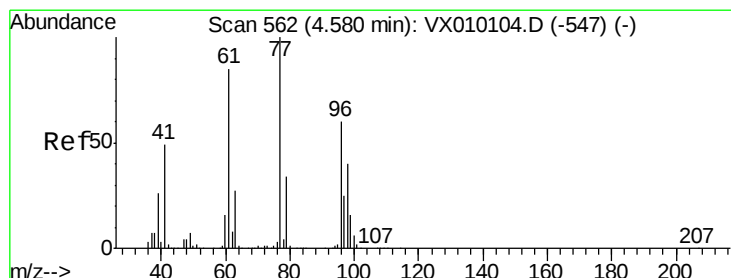
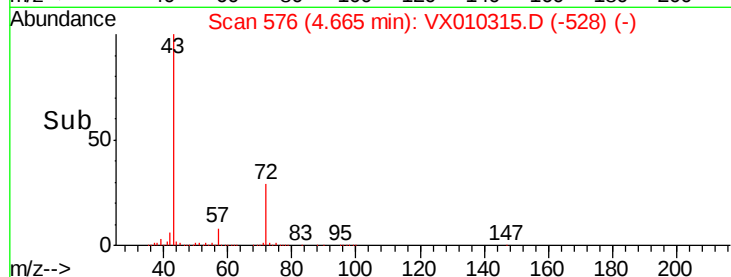
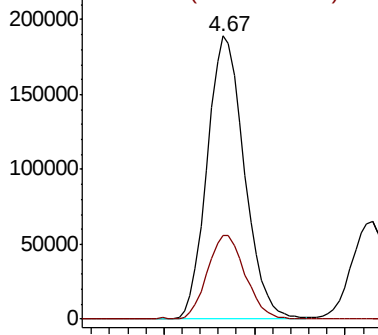
43 100

72 29.3 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.022 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010315.D

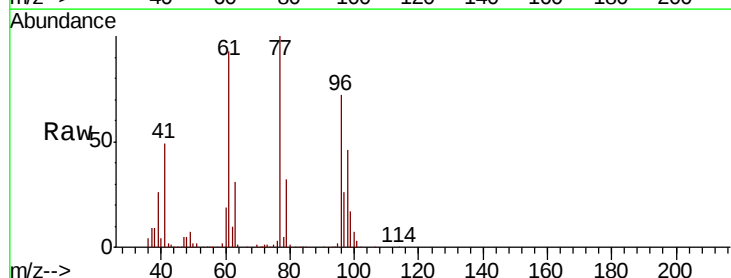
Acq: 17 Jun 2019 11:12

Tgt Ion: 77 Resp: 217462

Ion Ratio Lower Upper

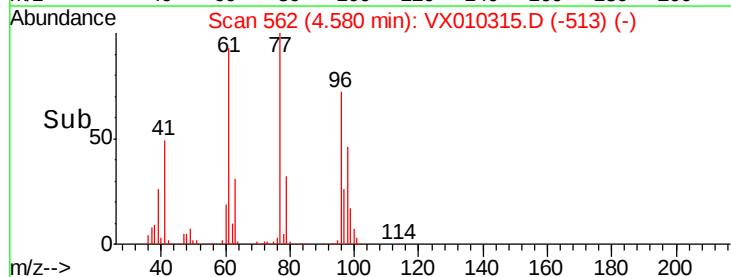
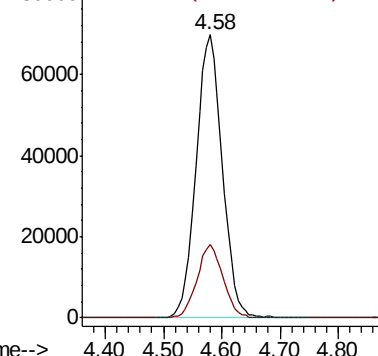
77 100

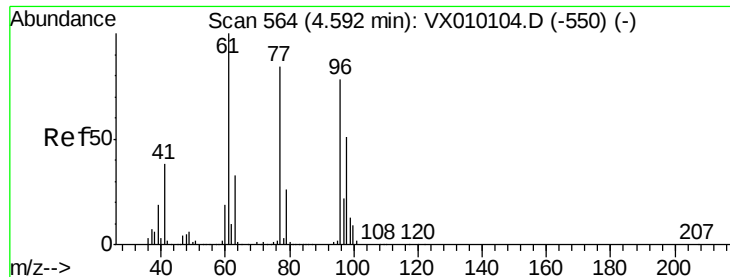
97 25.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



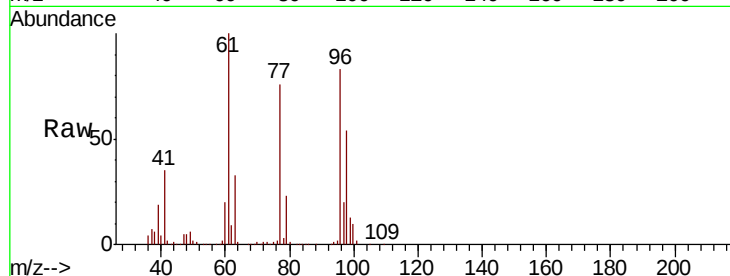


#27

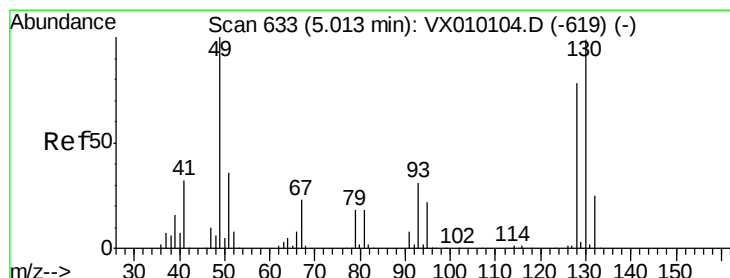
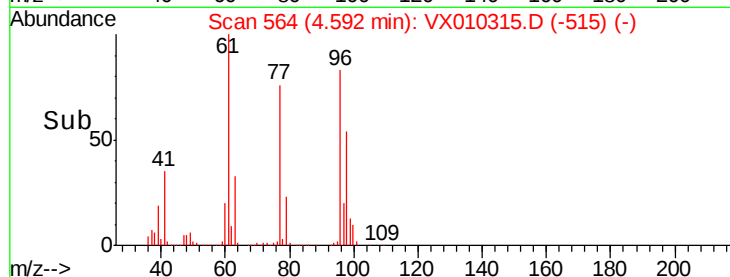
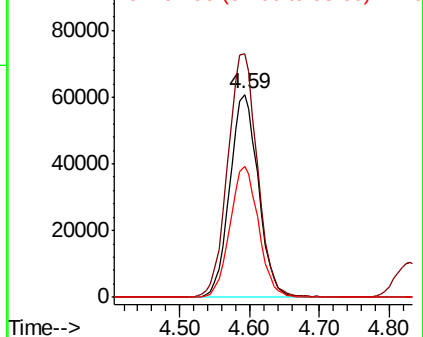
cis-1,2-Dichloroethene
Concen: 51.529 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 172520
Ion Ratio Lower Upper
96 100
61 124.6 0.0 334.0
98 64.4 0.0 131.6



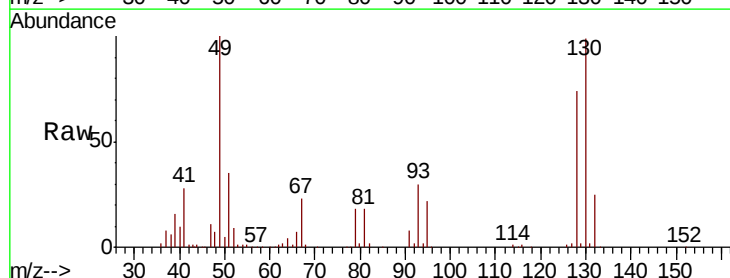
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



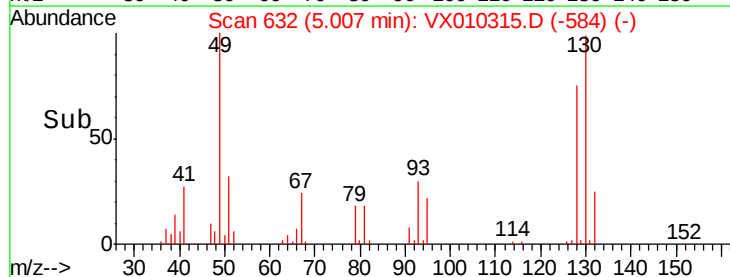
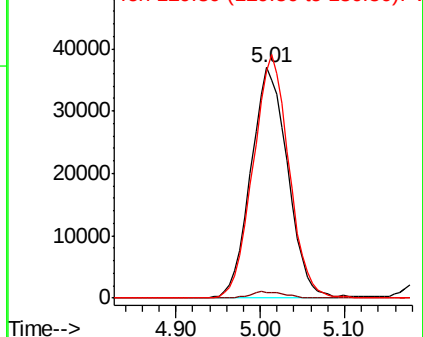
#28

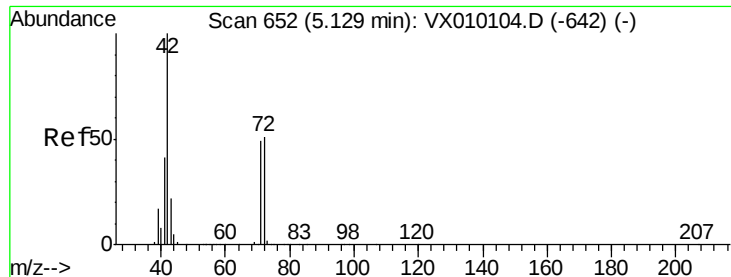
Bromochloromethane
Concen: 51.731 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion: 49 Resp: 110480
Ion Ratio Lower Upper
49 100
129 2.7 0.0 3.4
130 102.8 49.4 74.2#



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

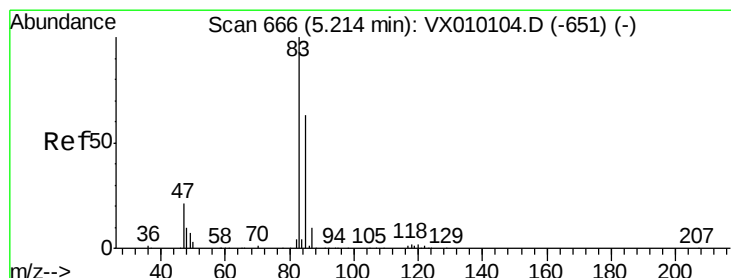
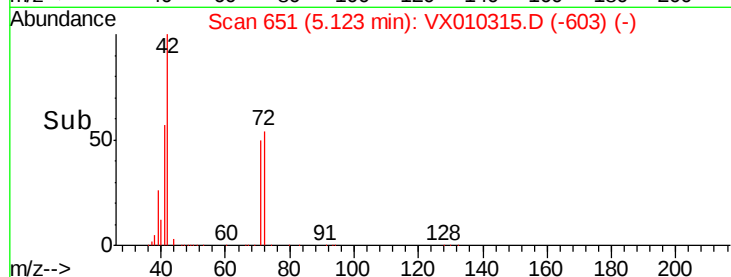
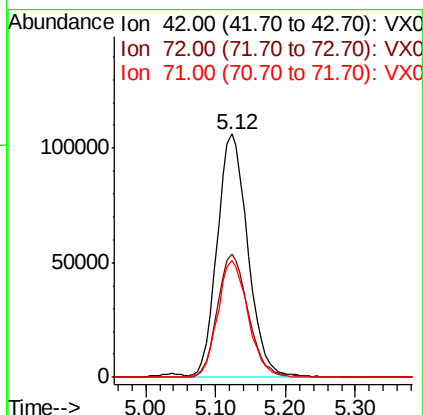
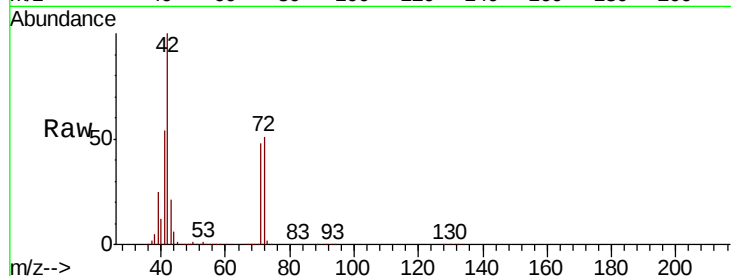




#29
Tetrahydrofuran
Concen: 247.067 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

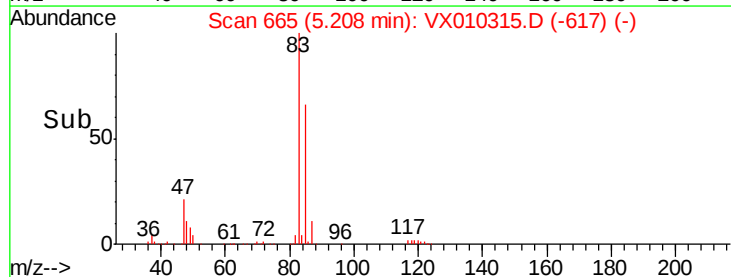
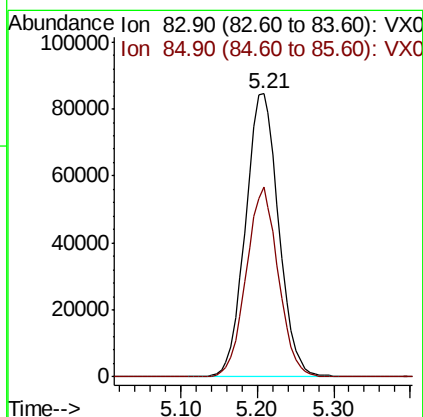
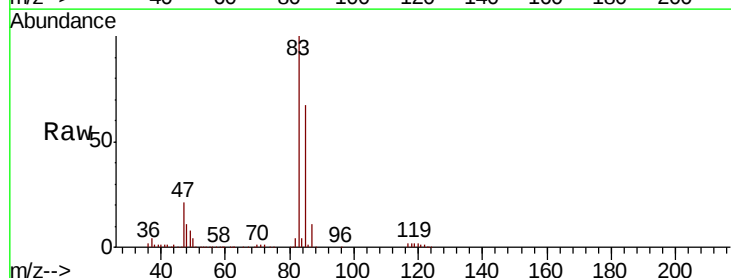
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

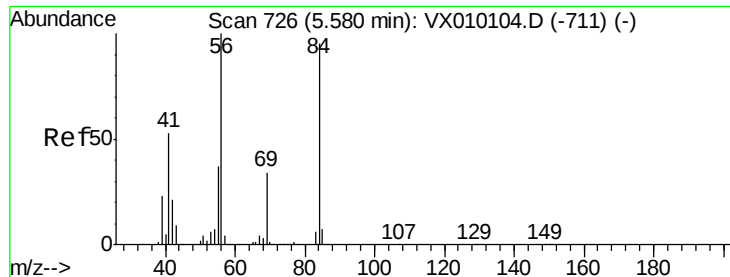
Tgt Ion: 42 Resp: 321387
Ion Ratio Lower Upper
42 100
72 51.8 29.2 43.8#
71 47.9 27.6 41.4#



#30
Chloroform
Concen: 51.597 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion: 83 Resp: 255349
Ion Ratio Lower Upper
83 100
85 67.1 52.6 78.8

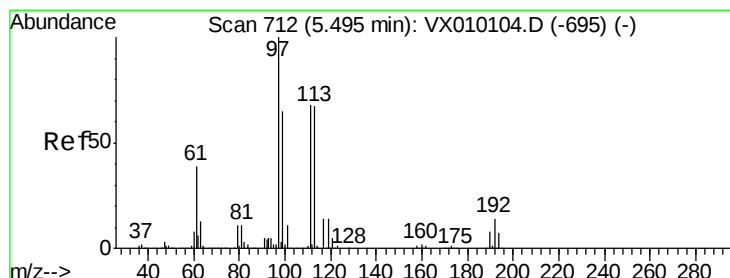
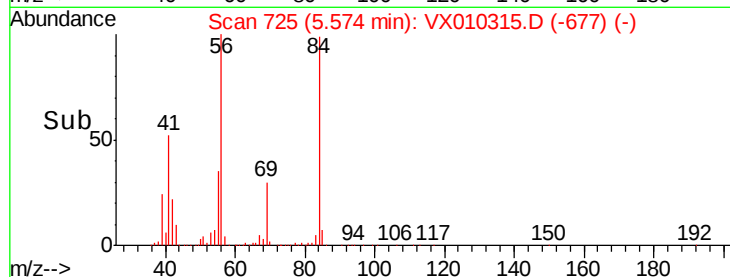
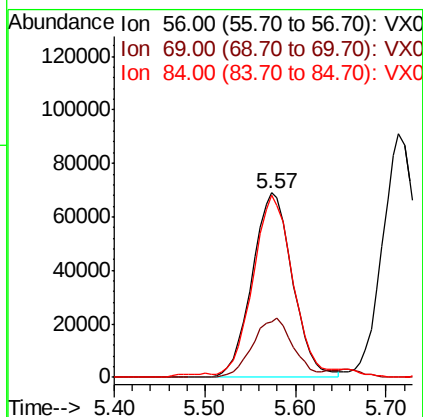
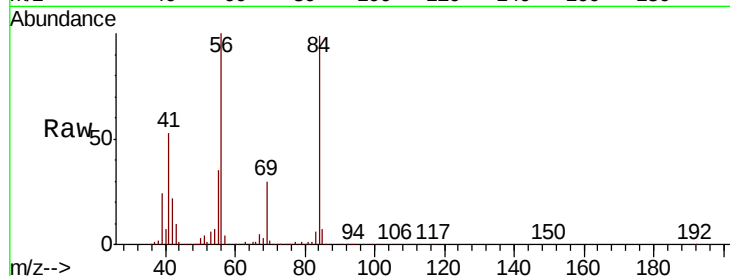




#31
Cyclohexane
Concen: 49.583 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

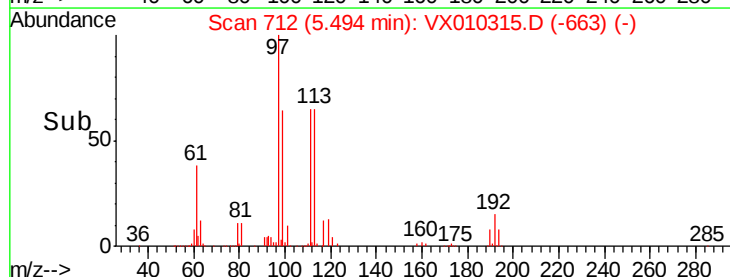
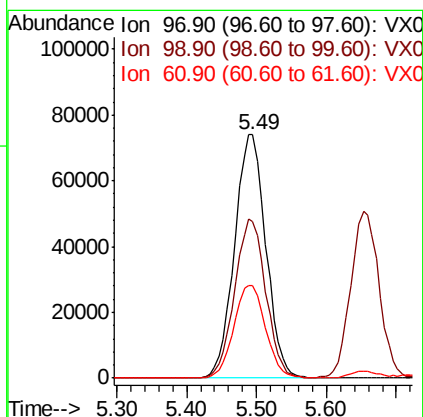
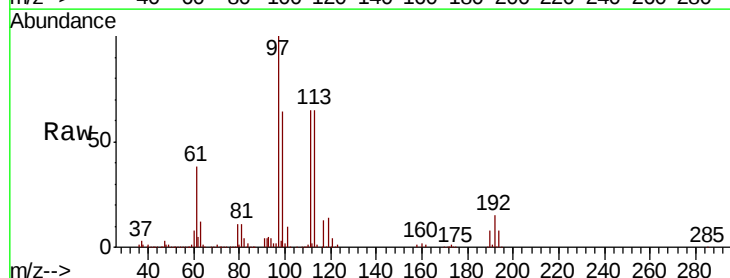
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

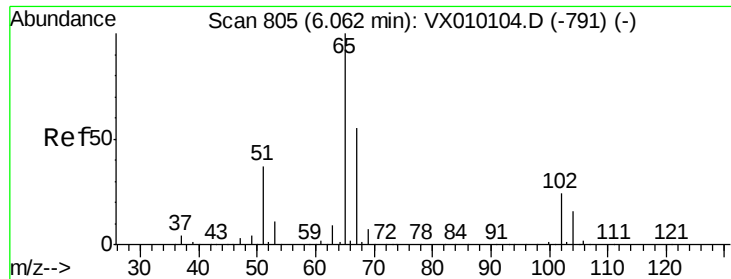
Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.1	21.6	32.4
84	97.1	56.8	85.2#



#32
1,1,1-Trichloroethane
Concen: 49.347 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.0	76.4
61	39.0	38.7	58.1





#33

1,2-Dichloroethane-d4

Concen: 45.336 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

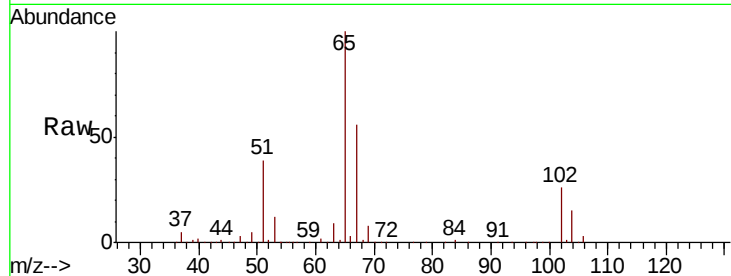
VSTDCCC050

Tgt Ion: 65 Resp: 133982

Ion Ratio Lower Upper

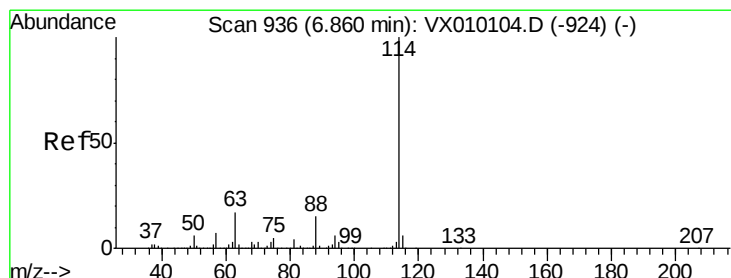
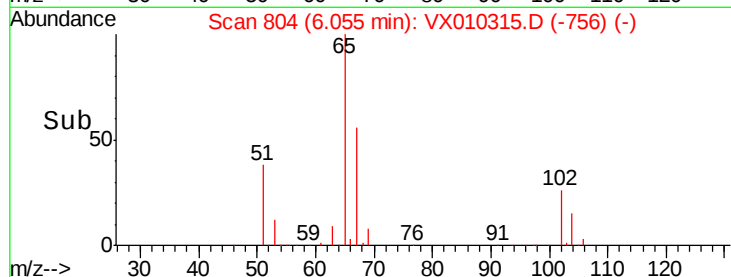
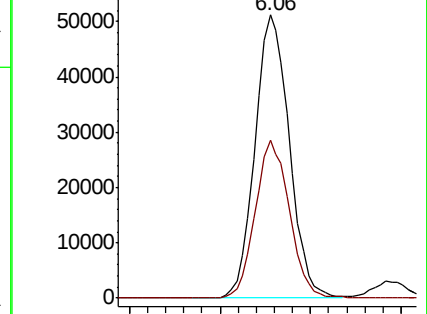
65 100

67 55.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

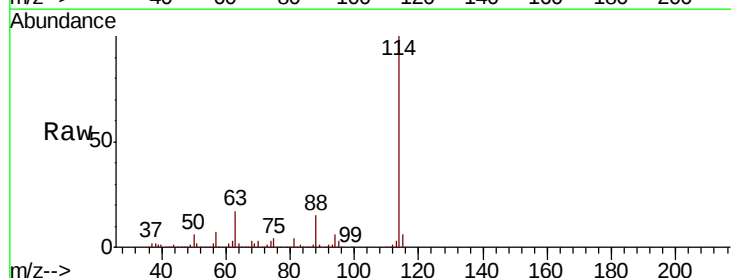
Tgt Ion: 114 Resp: 437457

Ion Ratio Lower Upper

114 100

63 16.5 0.0 47.4

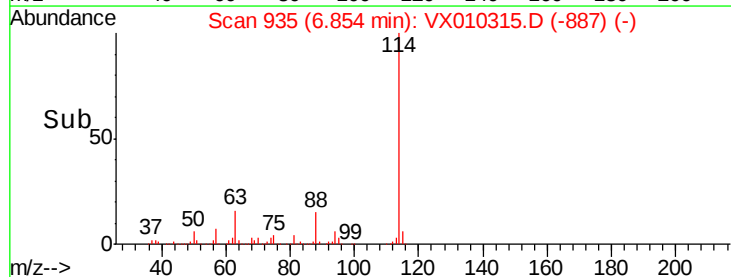
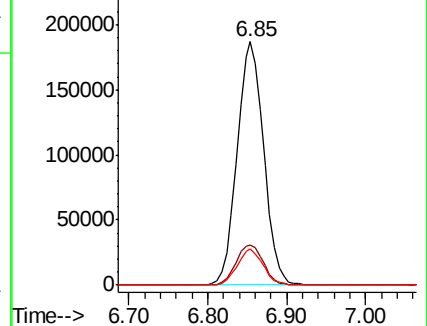
88 14.8 0.0 33.0

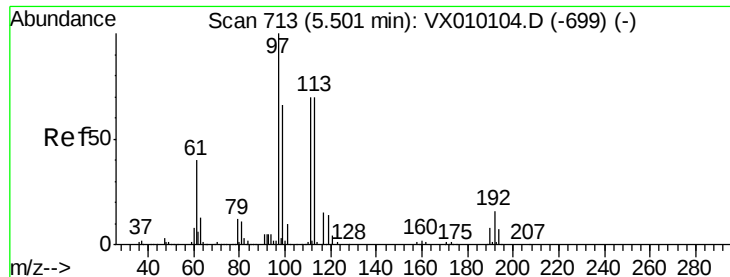


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

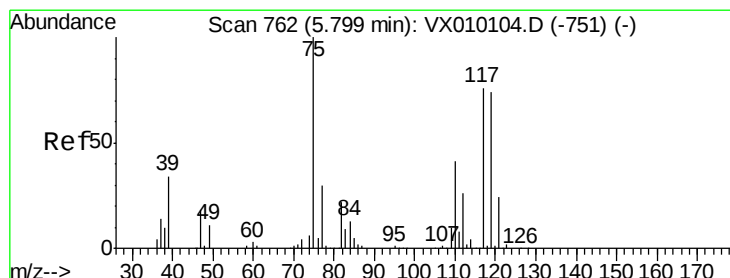
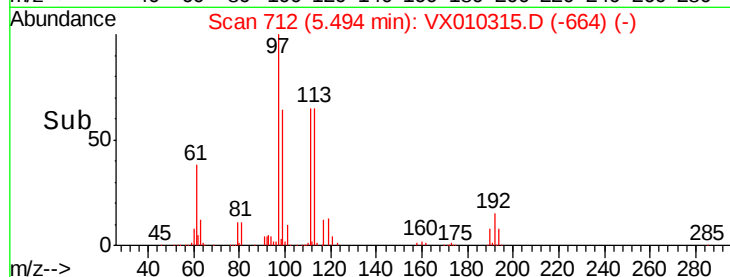
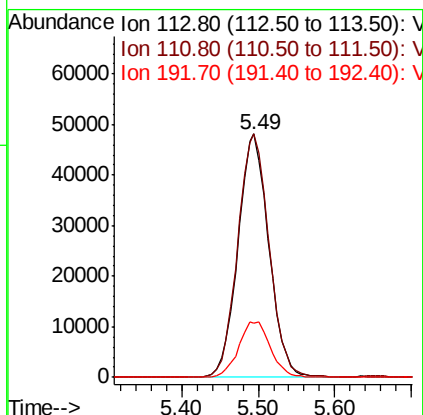
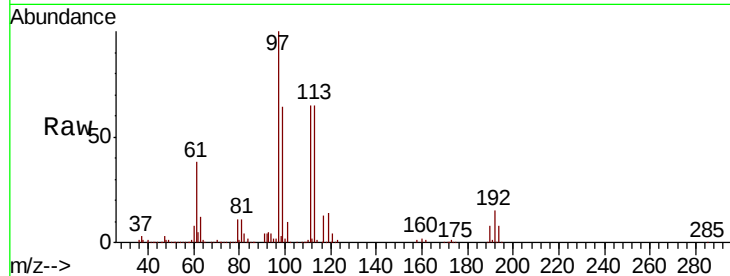




#35
 Dibromofluoromethane
 Concen: 49.972 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

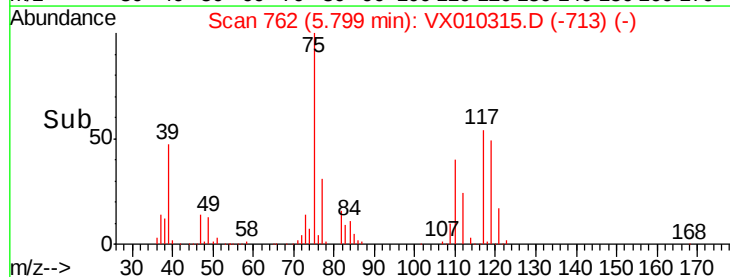
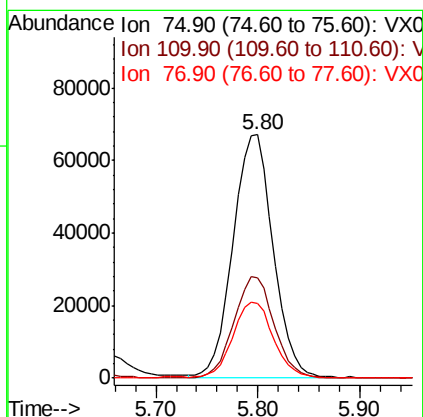
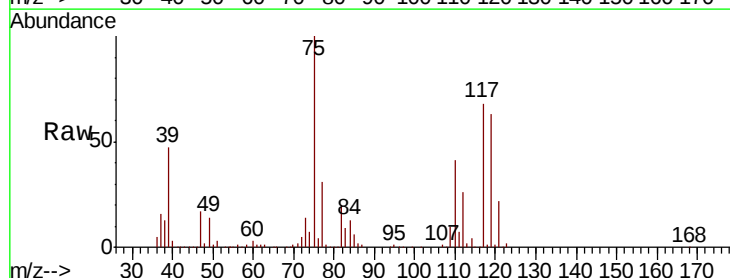
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

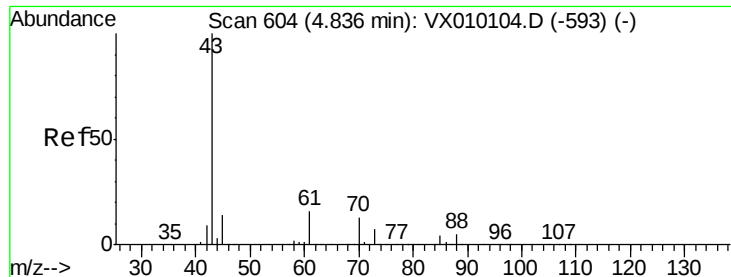
Tgt Ion:113 Resp: 134840
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.2
 192 23.6 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 51.028 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Tgt Ion: 75 Resp: 182117
 Ion Ratio Lower Upper
 75 100
 110 42.0 16.7 50.1
 77 32.1 25.0 37.4

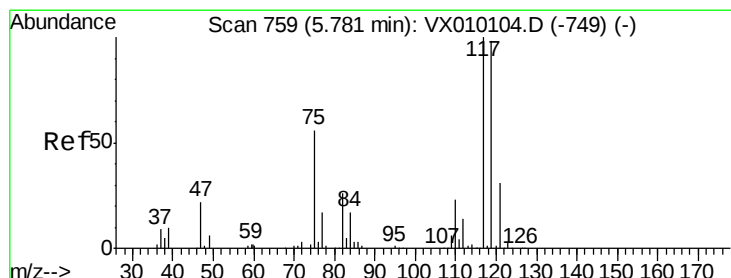
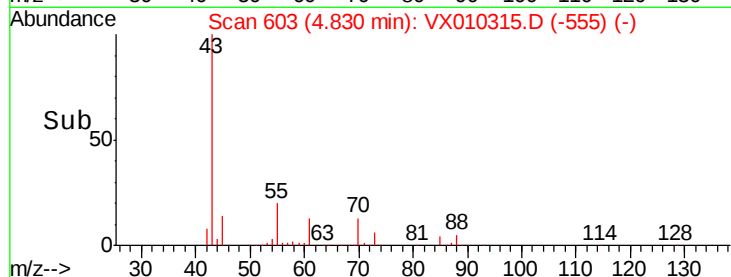
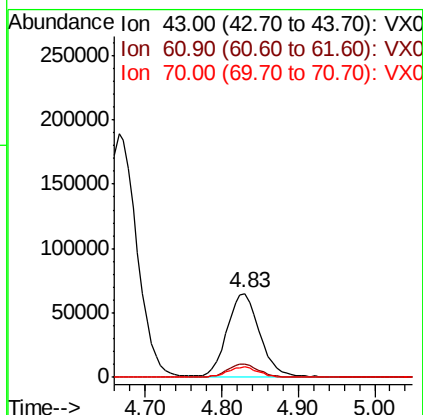
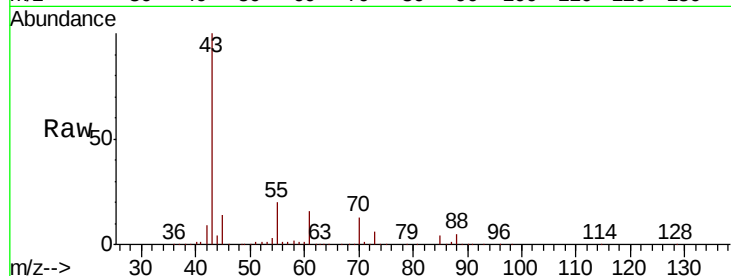




#37
Ethyl Acetate
Concen: 51.493 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

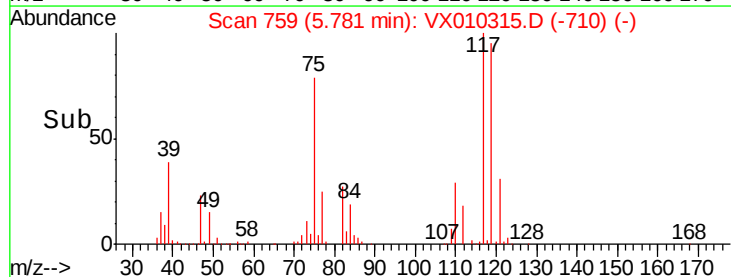
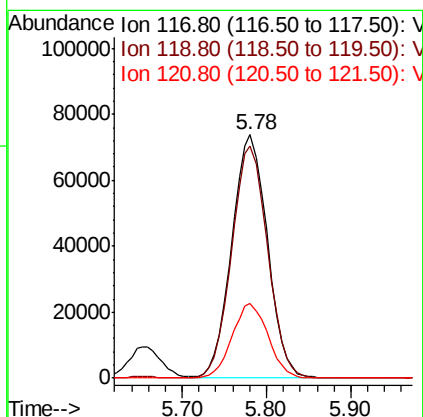
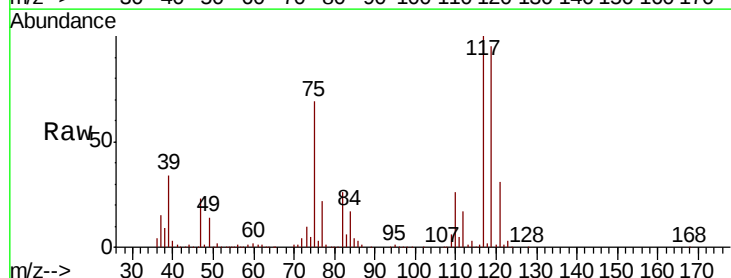
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

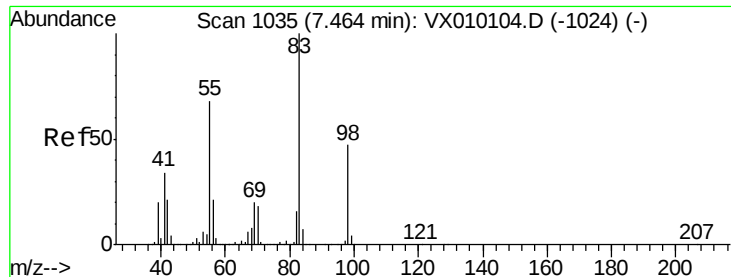
Tgt Ion: 43 Resp: 191215
Ion Ratio Lower Upper
43 100
61 16.0 10.2 15.2#
70 12.3 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 52.321 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion: 117 Resp: 211359
Ion Ratio Lower Upper
117 100
119 95.1 77.3 115.9
121 30.7 25.4 38.0

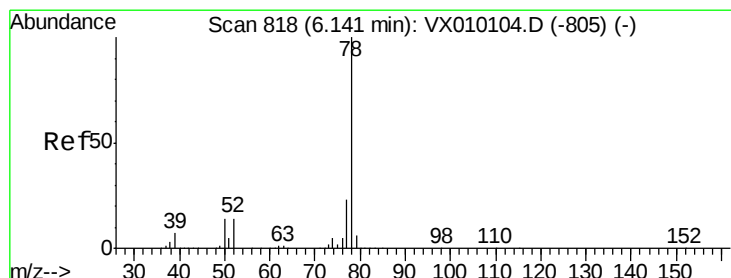
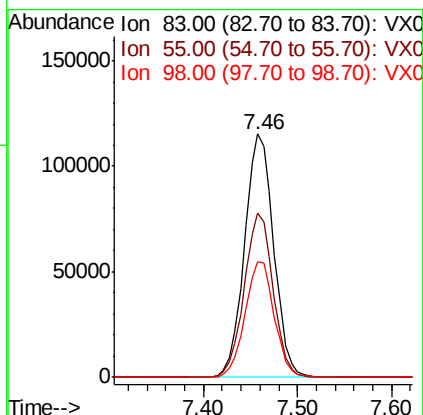
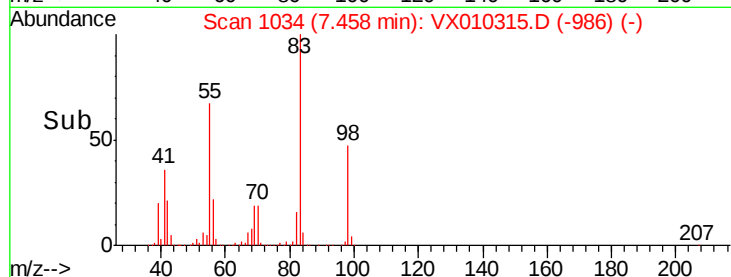
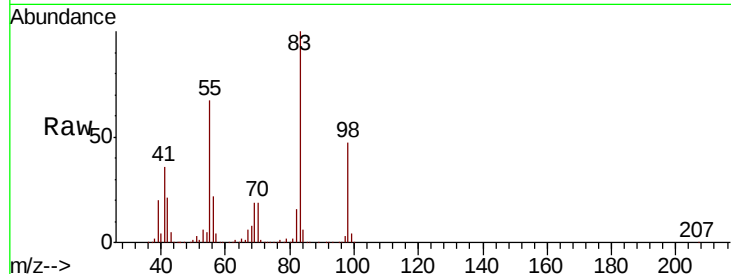




#39
Methylcyclohexane
Concen: 51.393 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

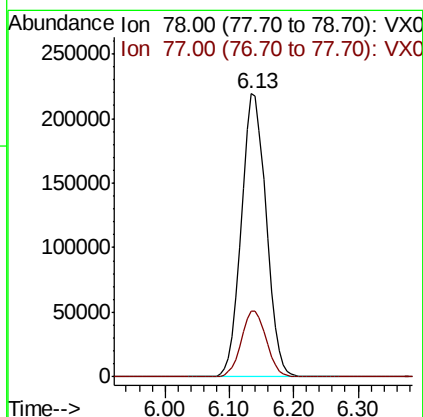
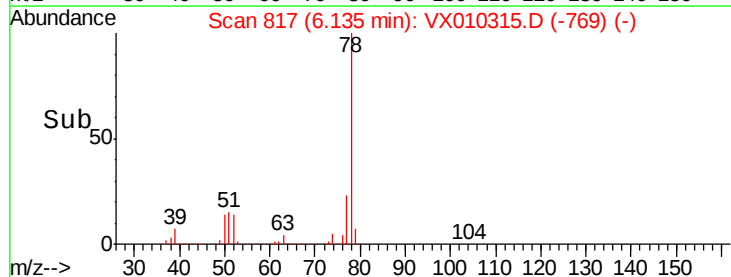
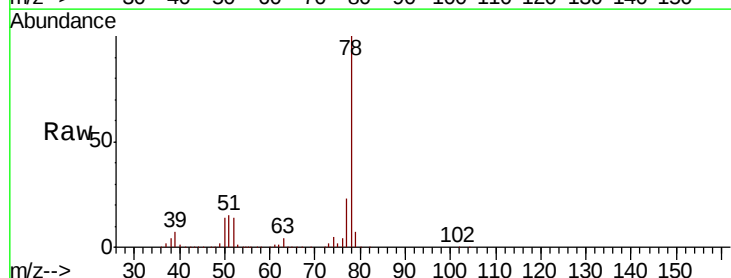
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 249760
Ion Ratio Lower Upper
83 100
55 67.3 69.9 104.9#
98 47.3 35.1 52.7



#40
Benzene
Concen: 52.666 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion: 78 Resp: 581217
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8

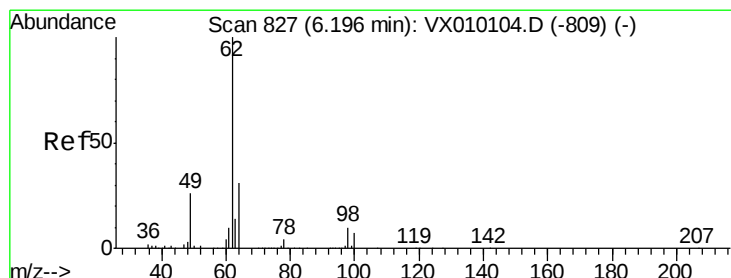
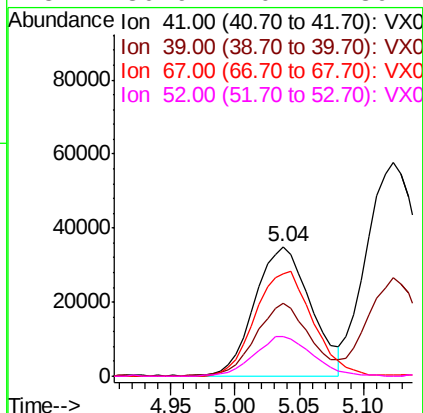
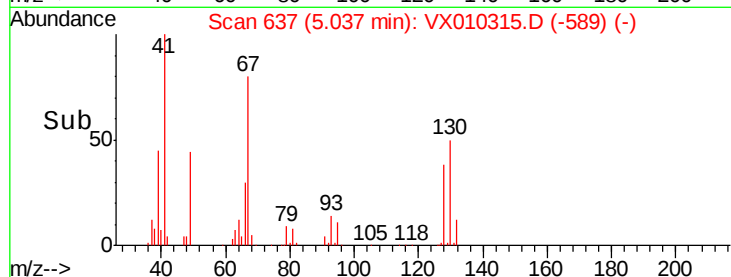
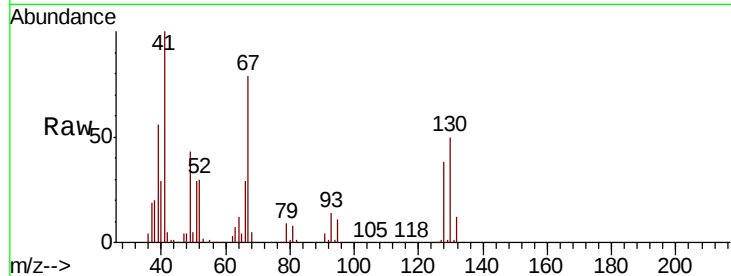




#41
Methacrylonitrile
Concen: 52.266 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

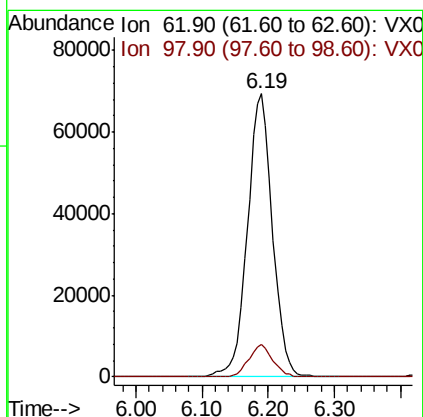
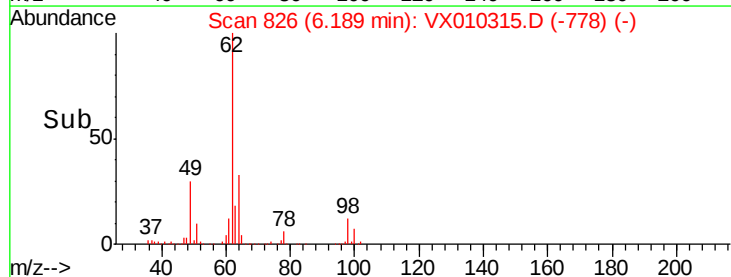
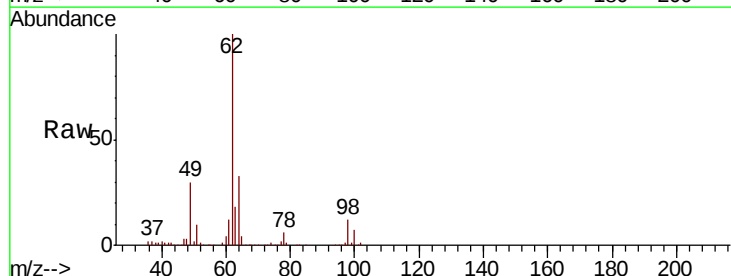
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

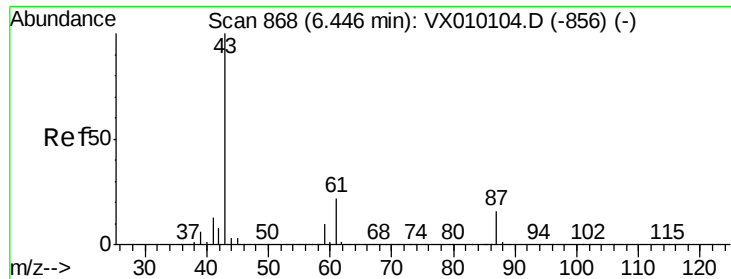
Tgt Ion: 41 Resp: 104988
Ion Ratio Lower Upper
41 100
39 53.8 42.2 63.4
67 83.7 48.9 73.3#
52 30.9 20.1 30.1#



#42
1,2-Dichloroethane
Concen: 51.980 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion: 62 Resp: 183138
Ion Ratio Lower Upper
62 100
98 11.0 0.0 17.2





#43

Isopropyl Acetate

Concen: 52.049 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

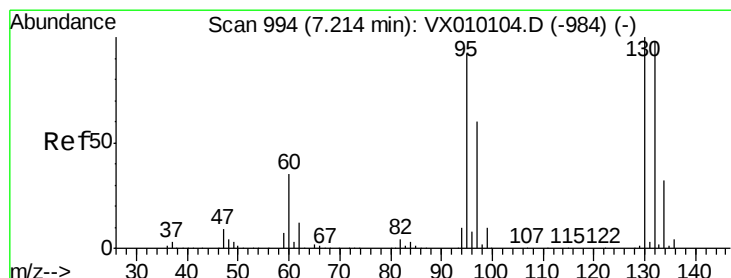
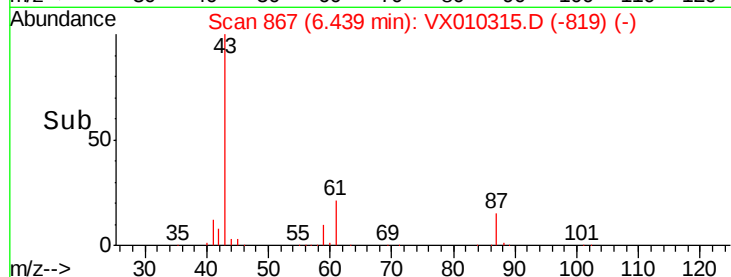
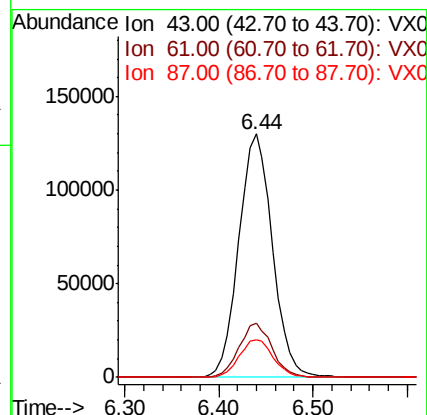
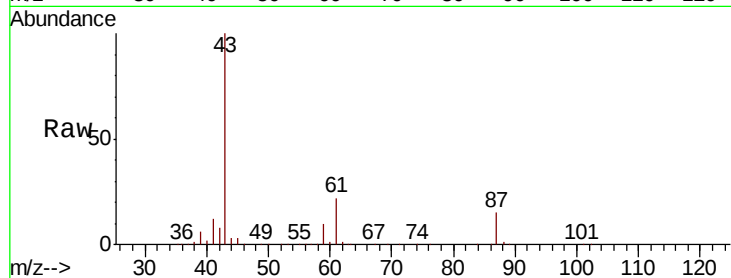
Tgt Ion: 43 Resp: 323161

Ion Ratio Lower Upper

43 100

61 22.0 14.6 21.8#

87 15.9 8.7 13.1#



#44

Trichloroethene

Concen: 52.805 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010315.D

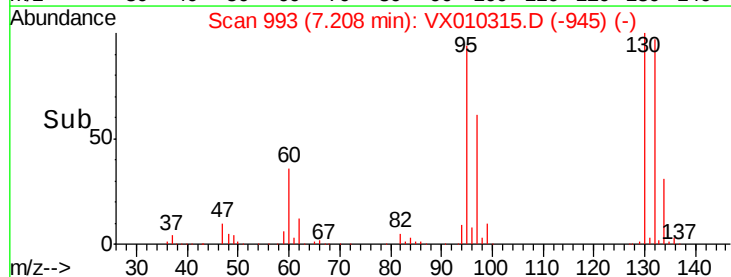
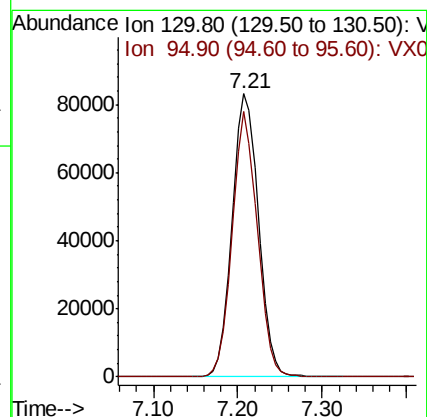
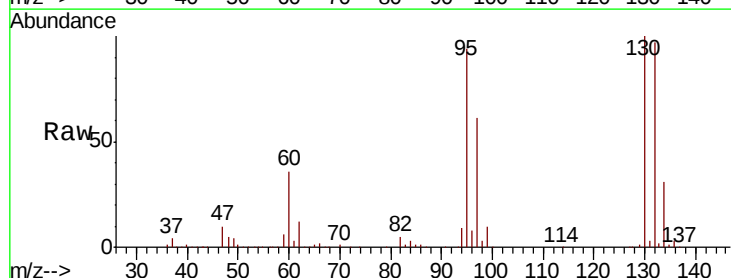
Acq: 17 Jun 2019 11:12

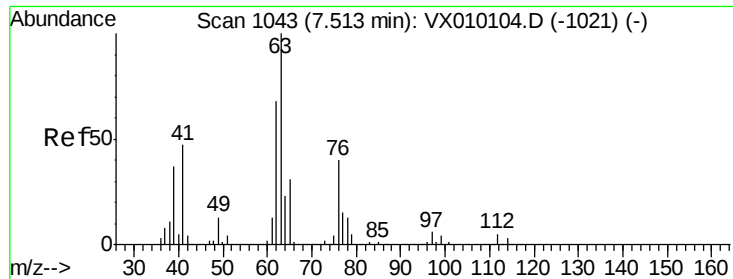
Tgt Ion: 130 Resp: 175658

Ion Ratio Lower Upper

130 100

95 93.6 0.0 207.4





#45

1,2-Dichloropropane

Concen: 53.209 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

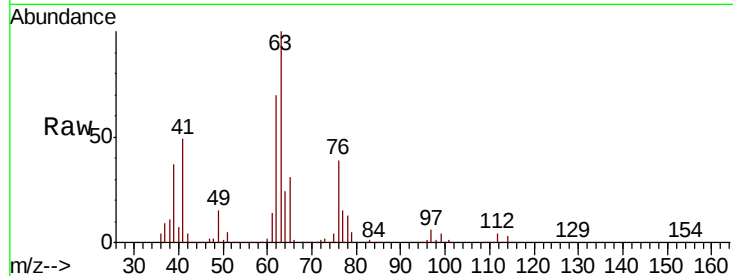
VSTDCCC050

Tgt Ion: 63 Resp: 146974

Ion Ratio Lower Upper

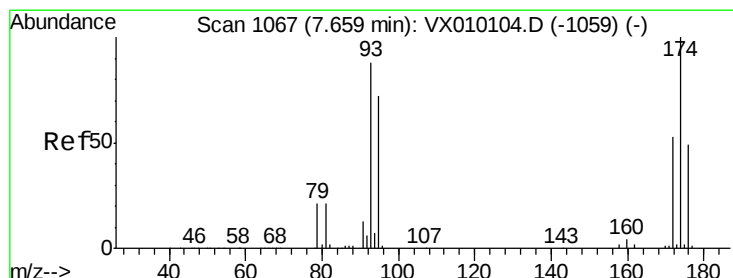
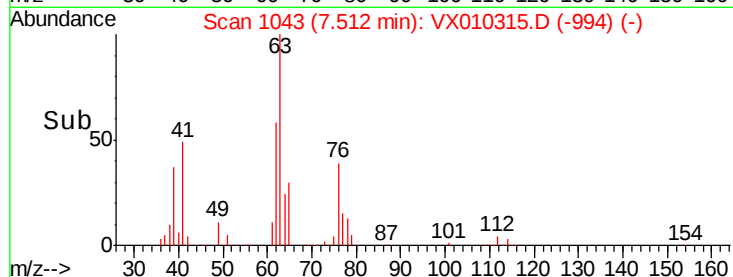
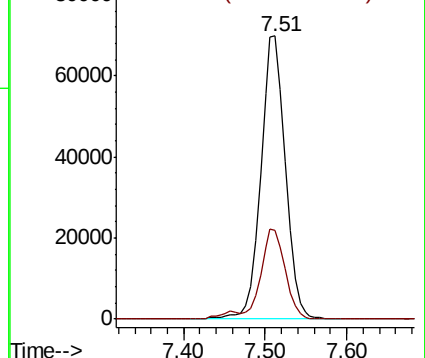
63 100

65 31.3 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.430 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

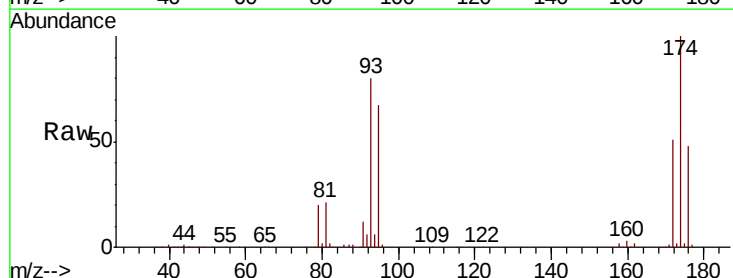
Tgt Ion: 93 Resp: 106429

Ion Ratio Lower Upper

93 100

95 84.6 66.8 100.2

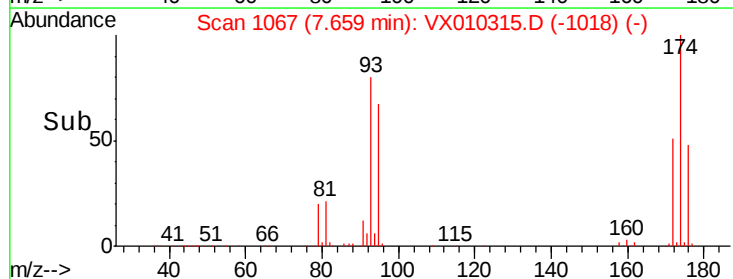
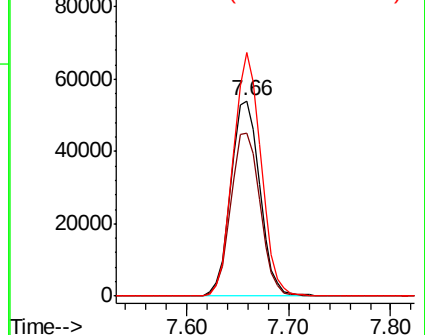
174 119.5 81.9 122.9



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: 53.078 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

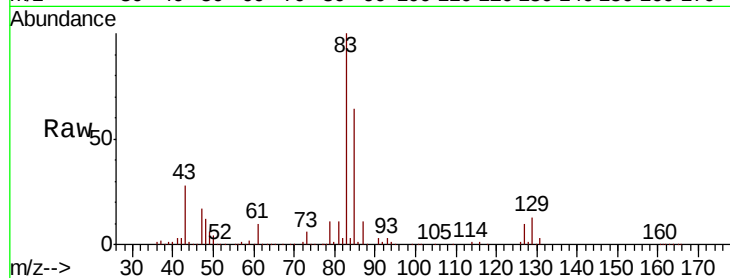
Tgt Ion: 83 Resp: 205244

Ion Ratio Lower Upper

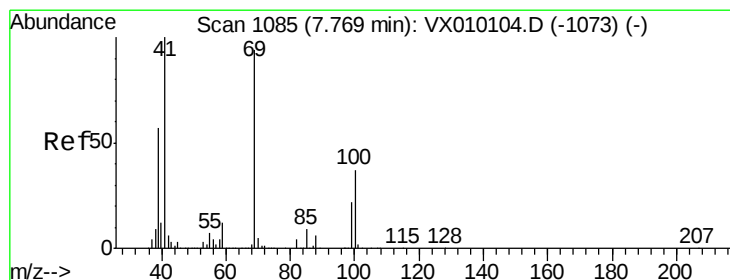
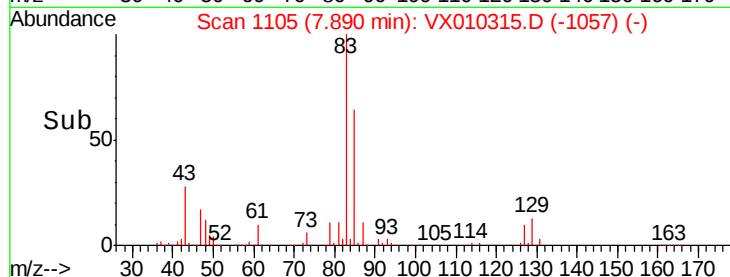
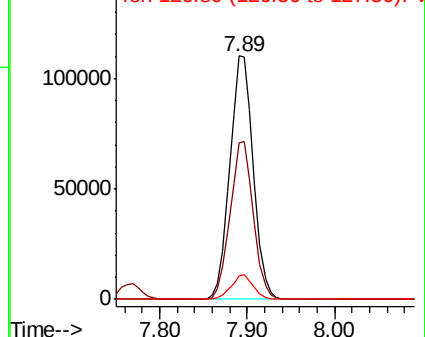
83 100

85 64.2 51.4 77.2

127 9.6 6.4 9.6#



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



#48

Methyl methacrylate

Concen: 52.471 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

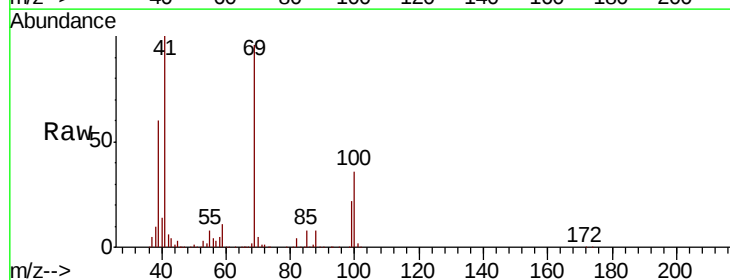
Tgt Ion: 41 Resp: 152358

Ion Ratio Lower Upper

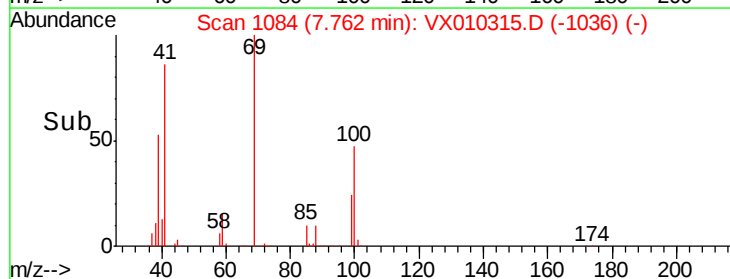
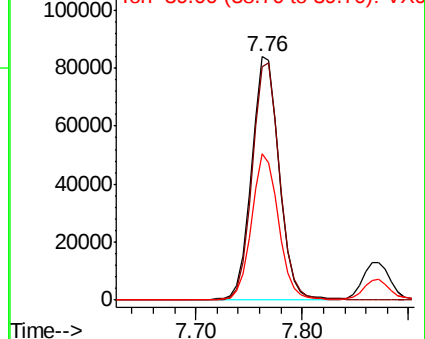
41 100

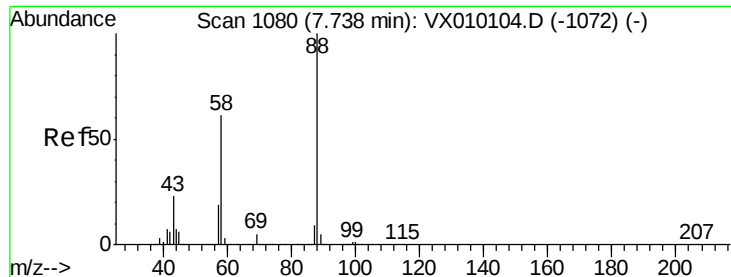
69 96.8 56.4 84.6#

39 58.8 40.6 60.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 935.842 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

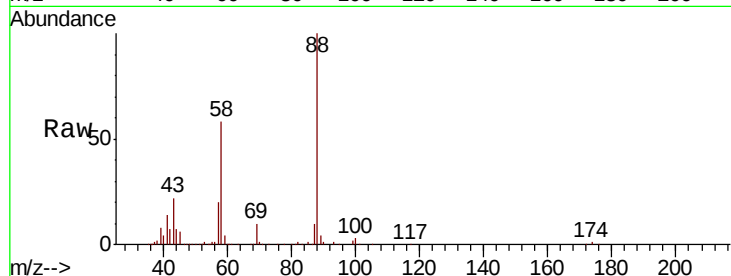
Tgt Ion: 88 Resp: 77476

Ion Ratio Lower Upper

88 100

43 25.6 30.2 45.4#

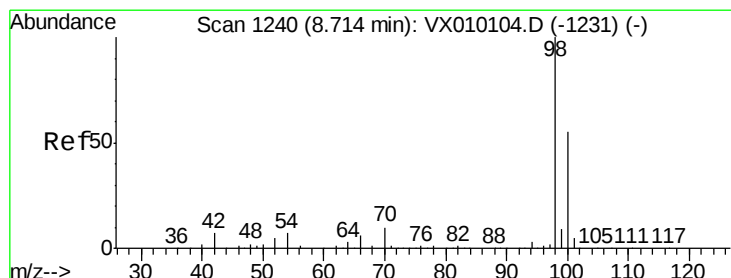
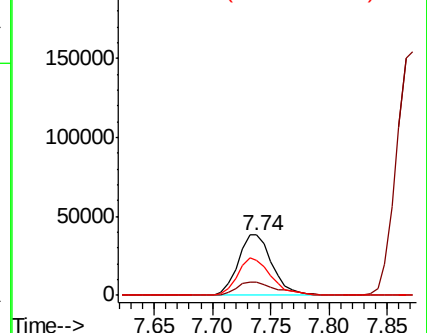
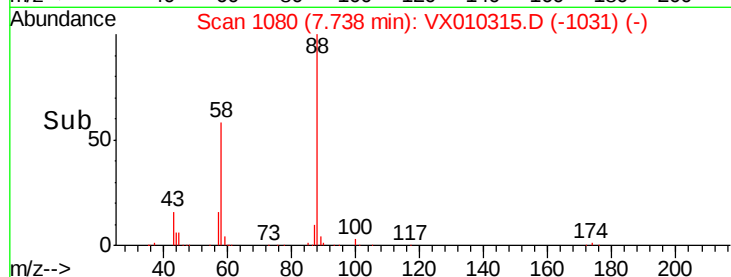
58 61.9 64.0 96.0#



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: 50.221 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010315.D

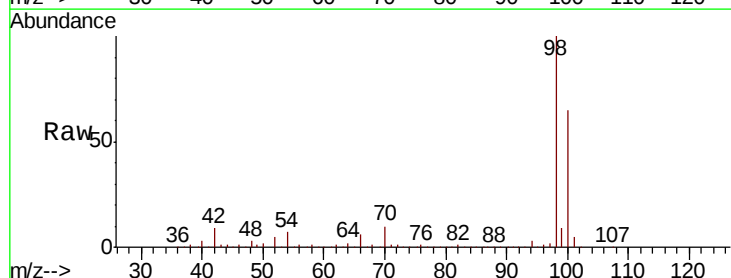
Acq: 17 Jun 2019 11:12

Tgt Ion: 98 Resp: 507884

Ion Ratio Lower Upper

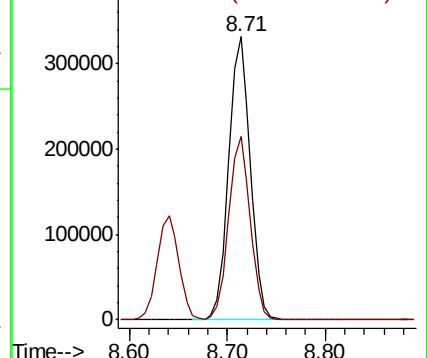
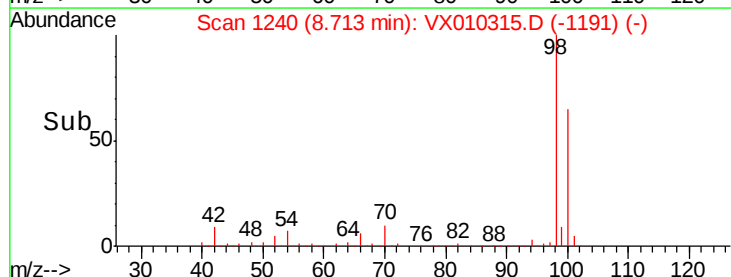
98 100

100 64.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

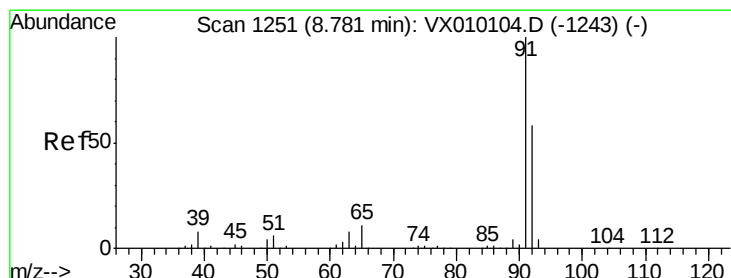
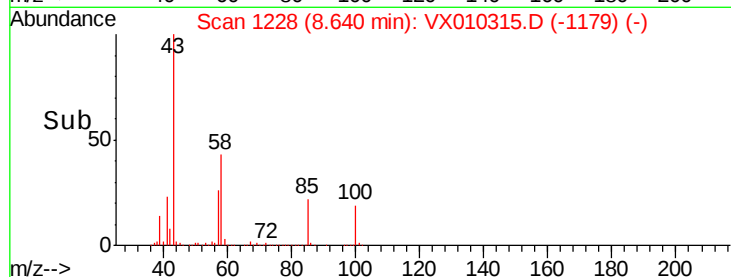
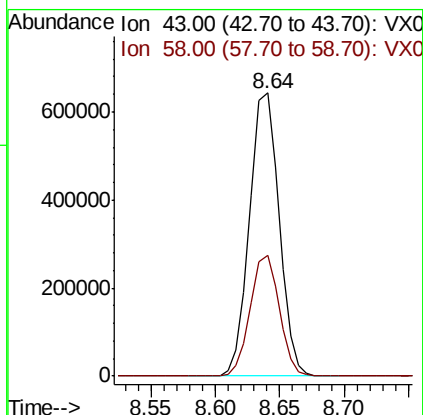
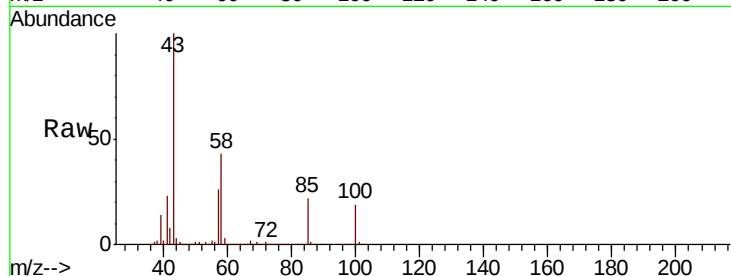




#51
4-Methyl-2-Pentanone
Concen: 275.113 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

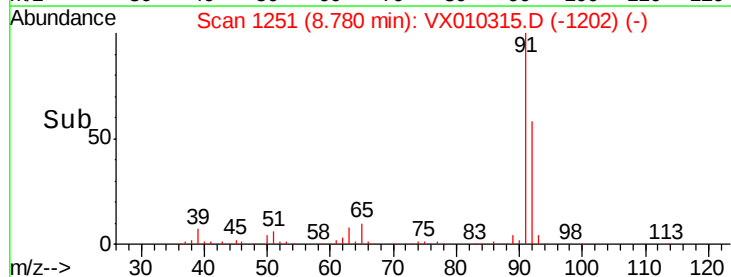
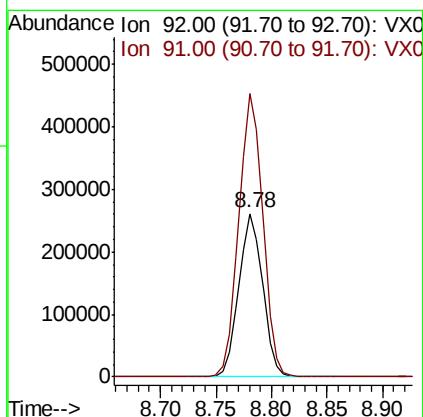
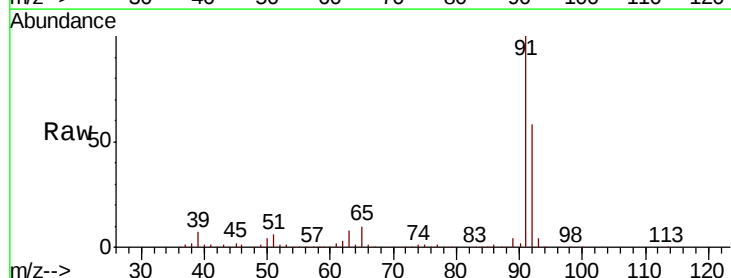
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

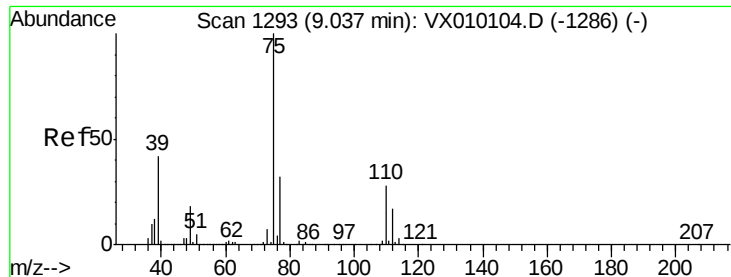
Tgt Ion: 43 Resp: 1020434
Ion Ratio Lower Upper
43 100
58 42.0 28.8 43.2



#52
Toluene
Concen: 53.449 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion: 92 Resp: 387740
Ion Ratio Lower Upper
92 100
91 175.6 139.9 209.9

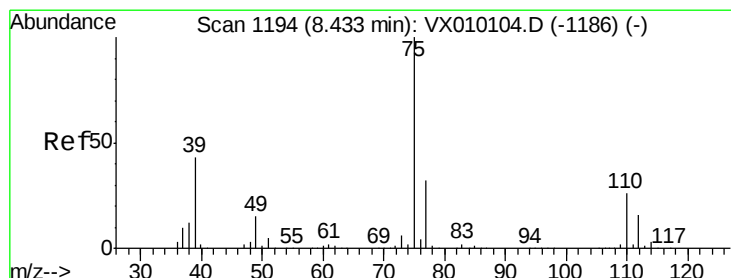
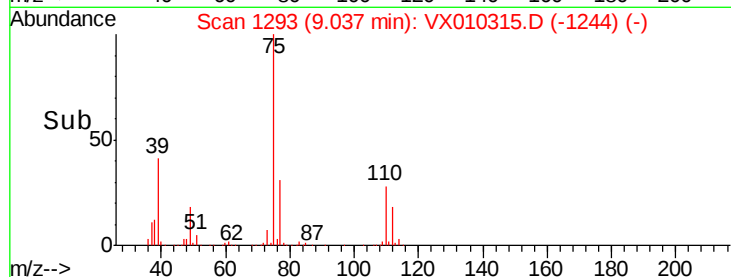
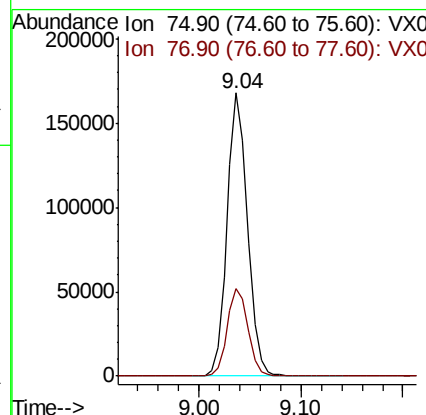
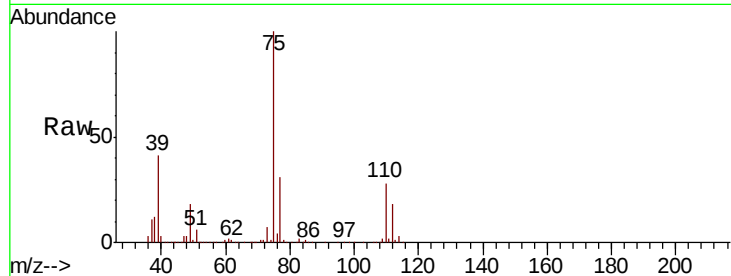




#53
 t-1,3-Dichloropropene
 Concen: 52.282 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

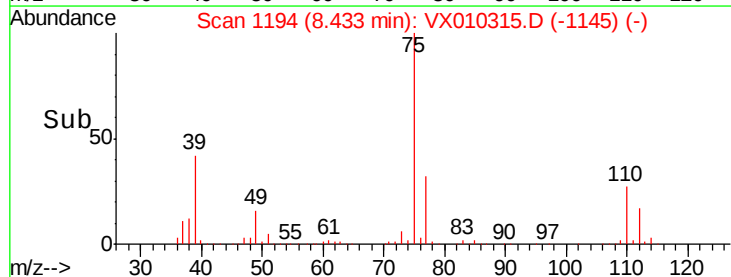
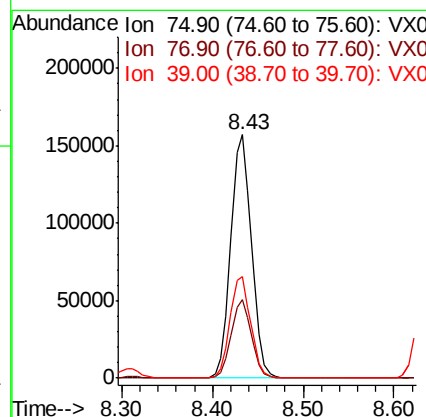
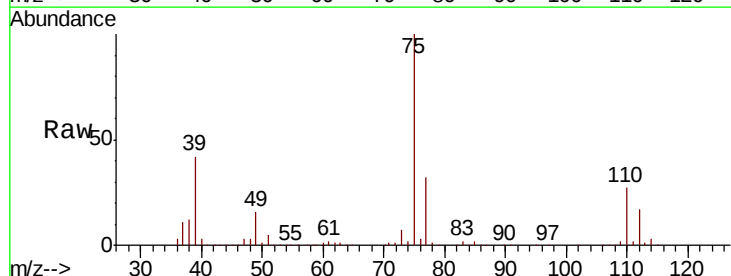
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

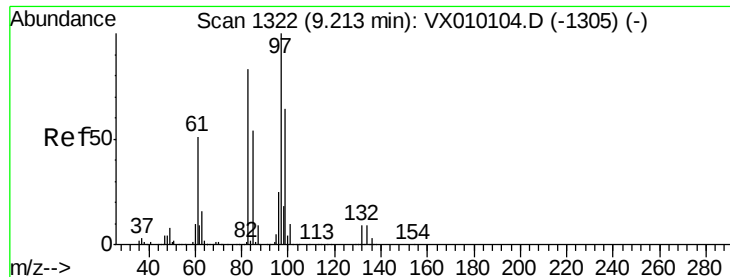
Tgt Ion: 75 Resp: 233841
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 52.080 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Tgt Ion: 75 Resp: 249721
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.8 37.2
 39 41.8 43.4 65.0#

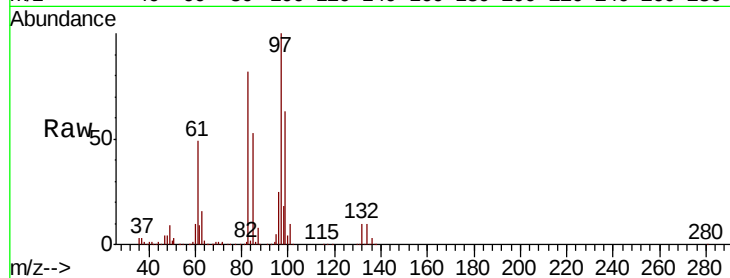




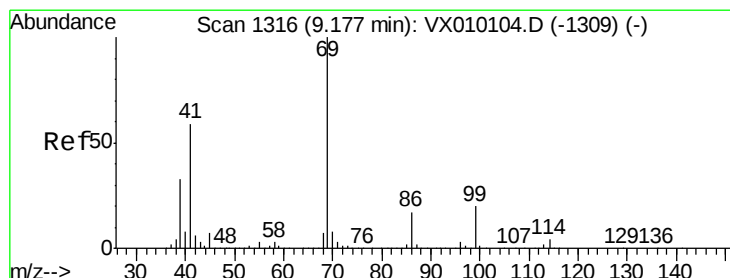
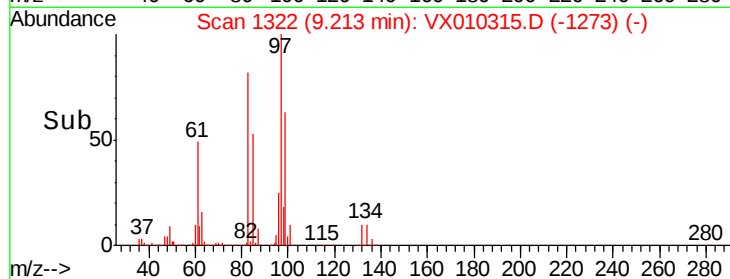
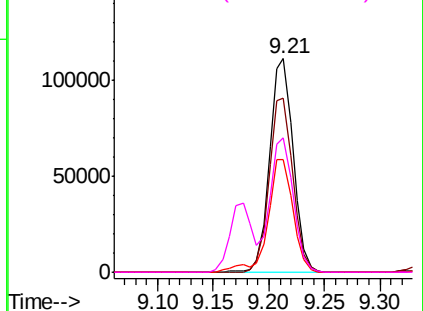
#55
 1,1,2-Trichloroethane
 Concen: 55.318 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	164349
Ion	Ratio	Lower	Upper
97	100		
83	81.7	69.8	104.8
85	52.7	45.3	67.9
99	62.8	49.0	73.4

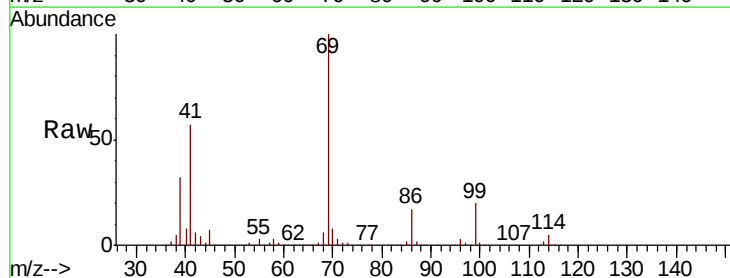


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

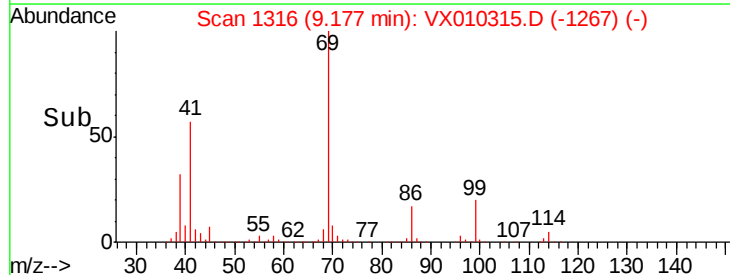
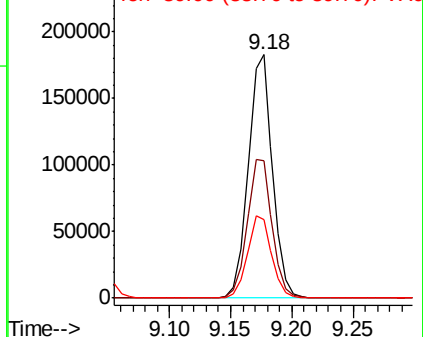


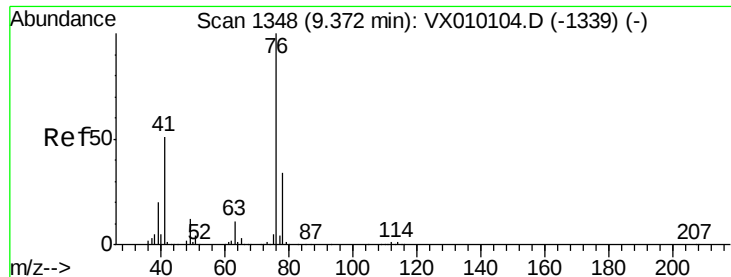
#56
 Ethyl methacrylate
 Concen: 53.530 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Tgt Ion:	69	Resp:	251227
Ion	Ratio	Lower	Upper
69	100		
41	58.2	62.7	94.1#
39	33.7	29.5	44.3



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: 53.491 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

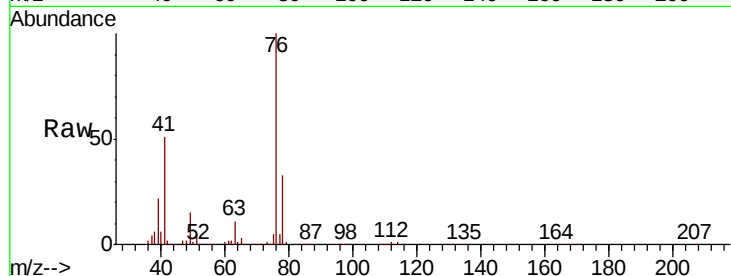
VSTDCCC050

Tgt Ion: 76 Resp: 250199

Ion Ratio Lower Upper

76 100

78 32.4 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

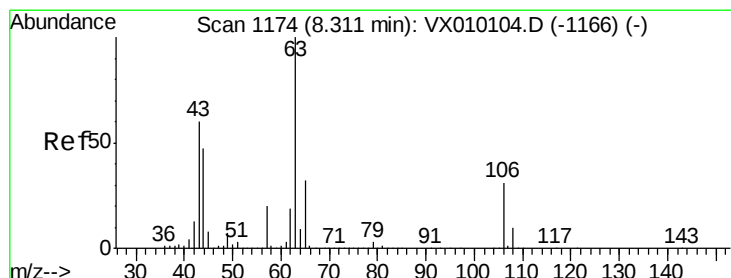
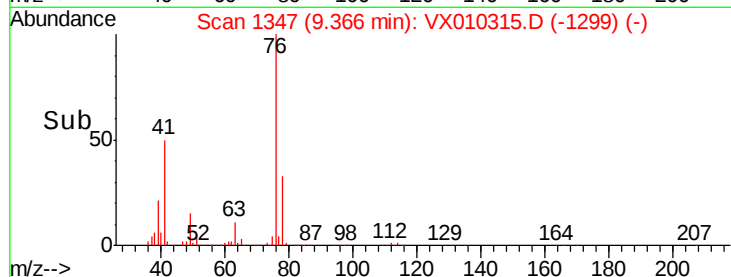
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 250.417 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010315.D

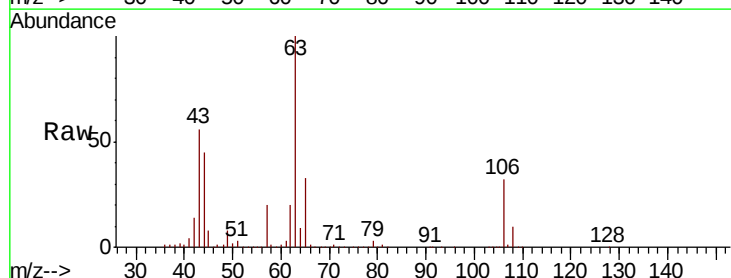
Acq: 17 Jun 2019 11:12

Tgt Ion: 63 Resp: 554040

Ion Ratio Lower Upper

63 100

106 31.1 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

400000

300000

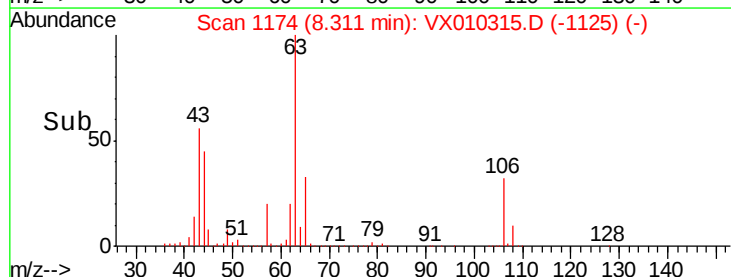
200000

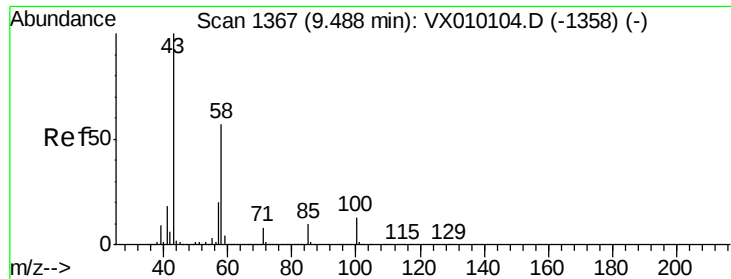
100000

0

8.20 8.25 8.30 8.35 8.40

Time-->

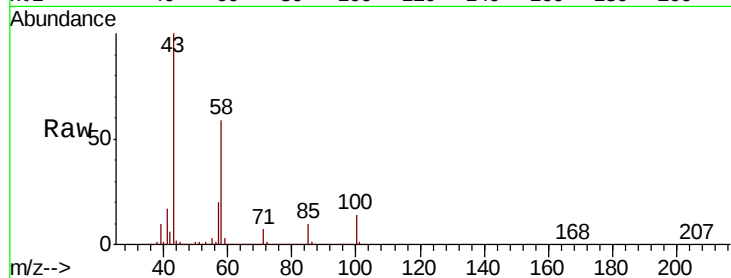




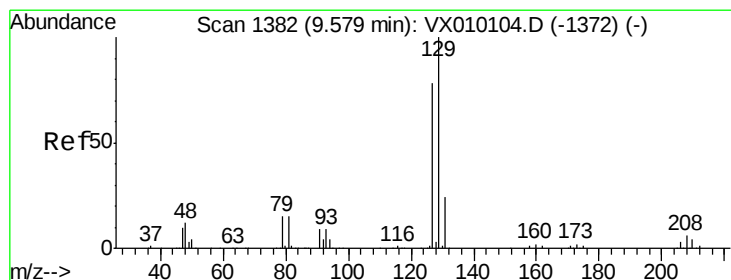
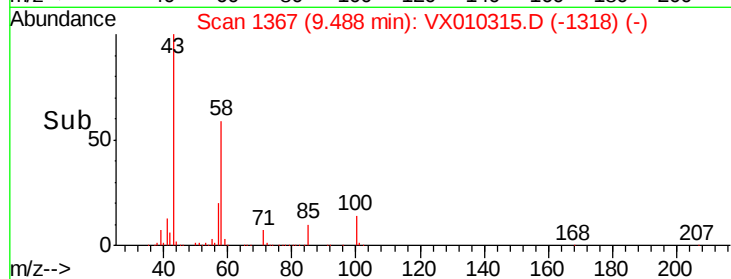
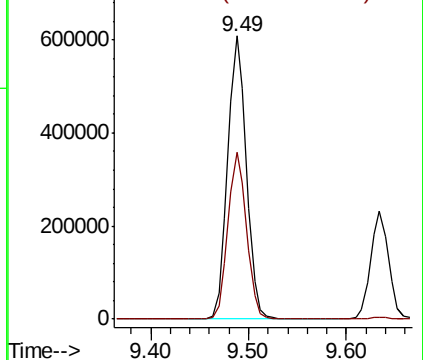
#59
2-Hexanone
Concen: 273.016 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 807402
Ion Ratio Lower Upper
43 100
58 58.6 25.1 75.3

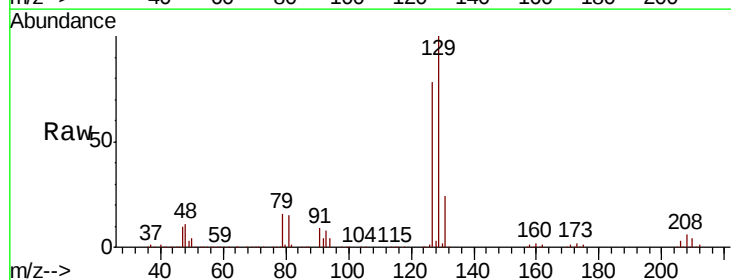


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

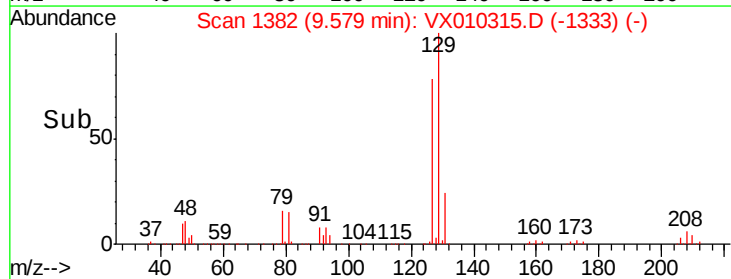
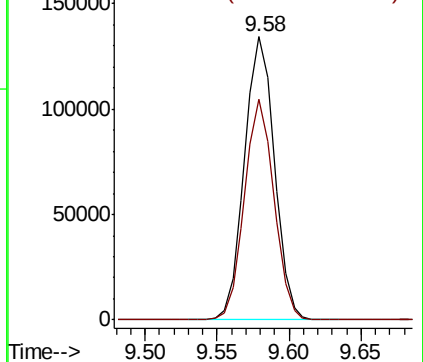


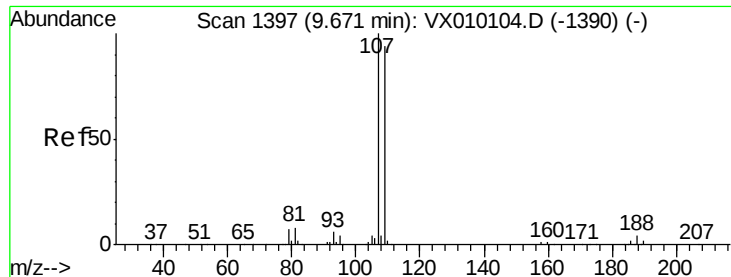
#60
Dibromochloromethane
Concen: 55.116 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion: 129 Resp: 193688
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 53.131 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

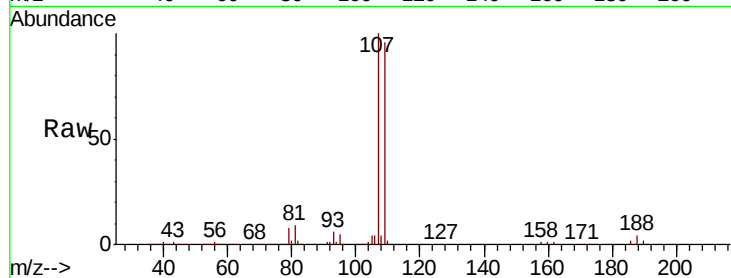
VSTDCCC050

Tgt Ion: 107 Resp: 175809

Ion Ratio Lower Upper

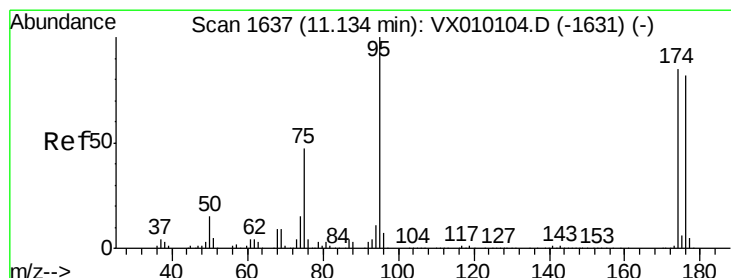
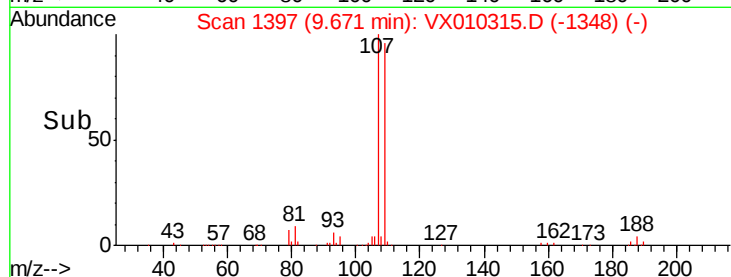
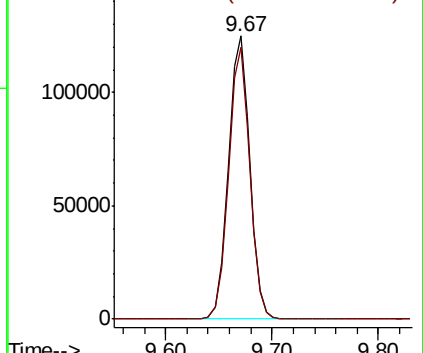
107 100

109 95.1 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.655 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

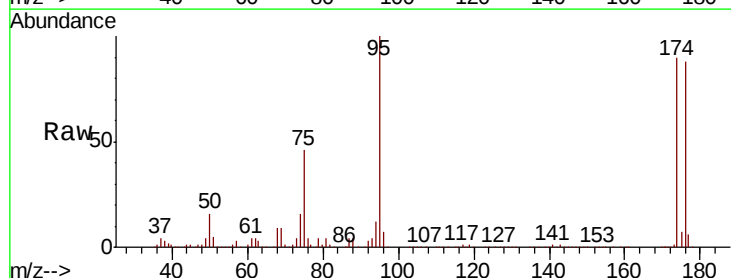
Tgt Ion: 95 Resp: 191311

Ion Ratio Lower Upper

95 100

174 94.8 0.0 160.4

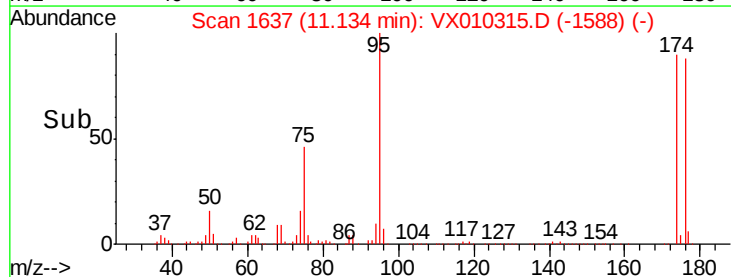
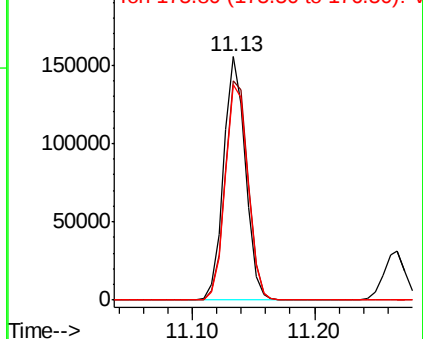
176 92.0 0.0 154.6

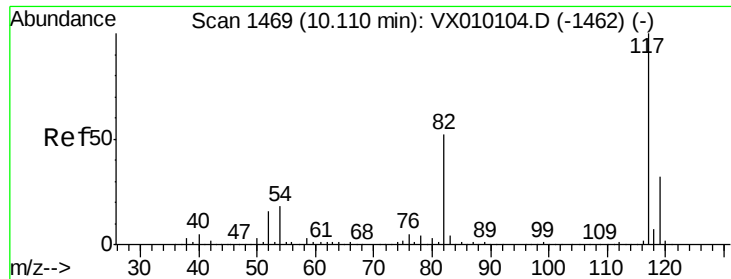


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

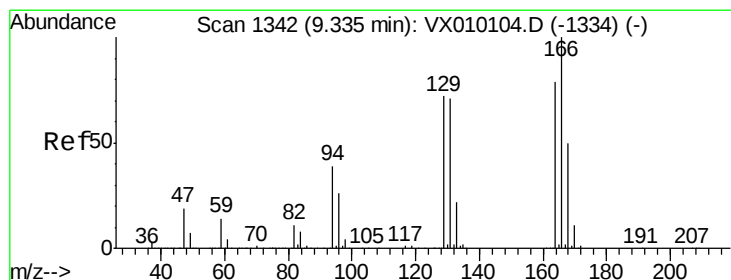
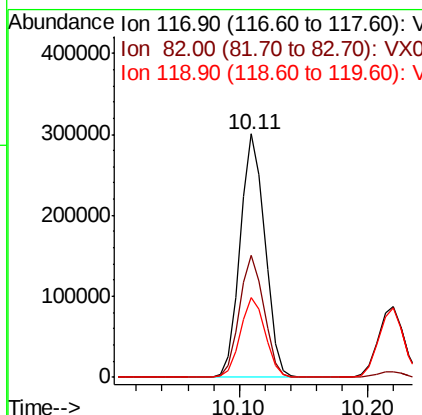
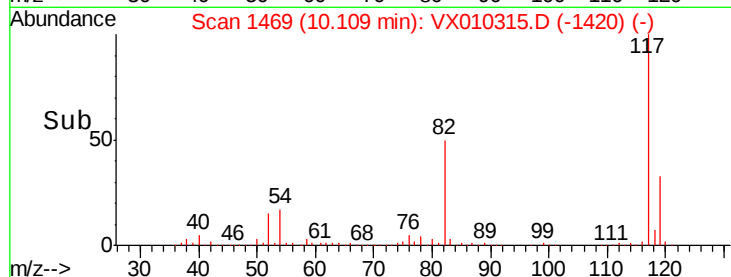
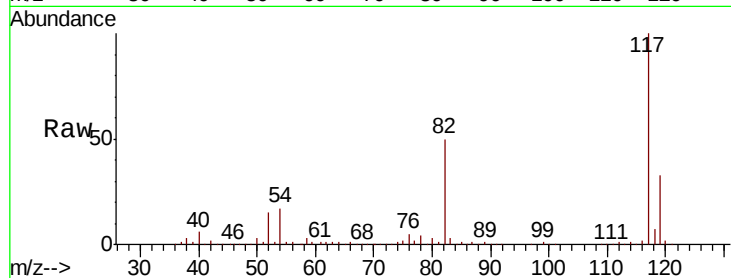




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

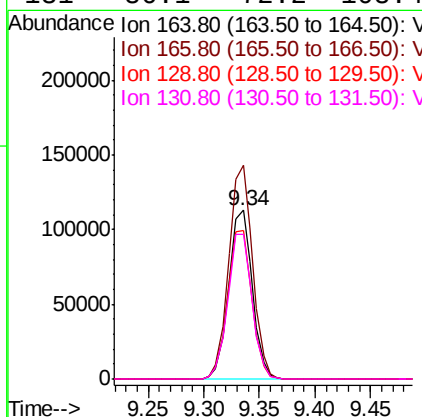
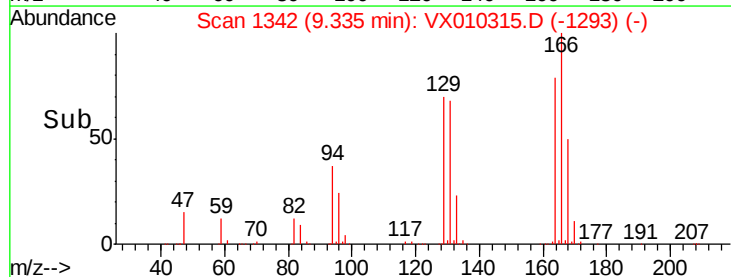
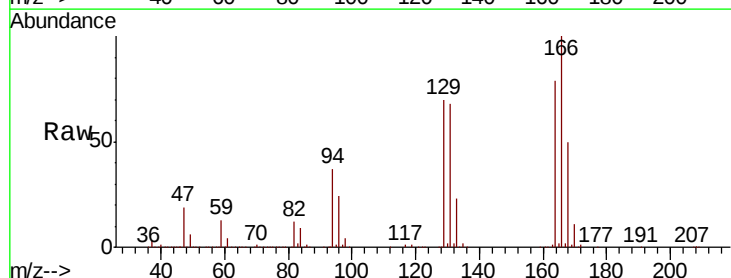
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

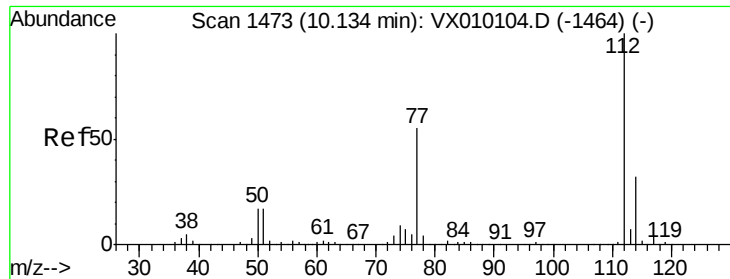
Tgt Ion:117 Resp: 399473
Ion Ratio Lower Upper
117 100
82 50.3 49.2 73.8
119 33.0 25.2 37.8



#64
Tetrachloroethene
Concen: 55.705 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion:164 Resp: 165274
Ion Ratio Lower Upper
164 100
166 126.8 105.0 157.4
129 88.2 75.1 112.7
131 86.1 72.2 108.4

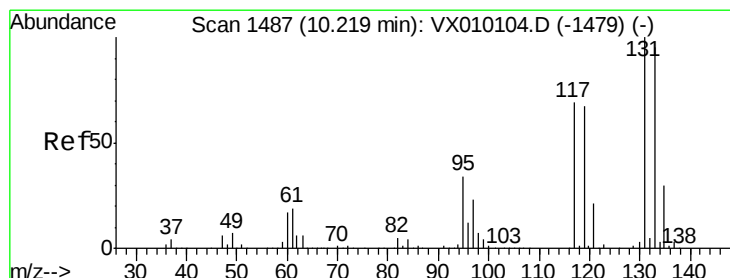
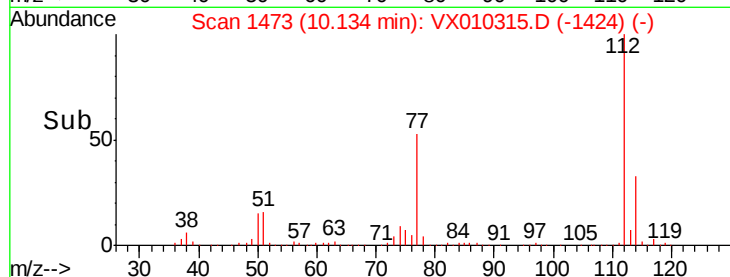
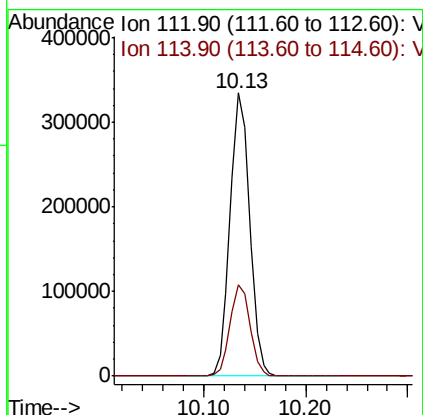
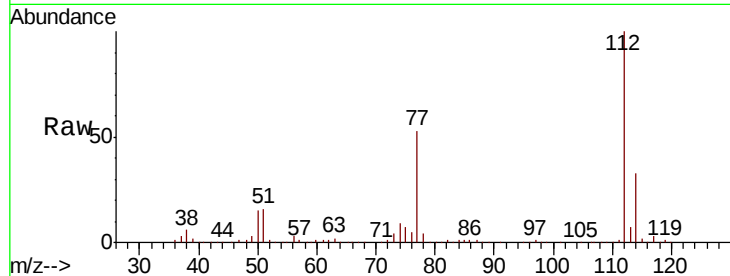




#65
Chlorobenzene
Concen: 53.866 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

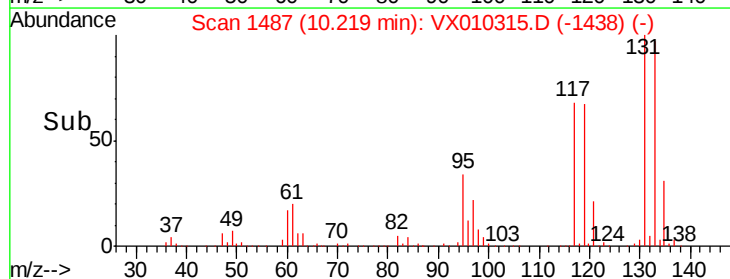
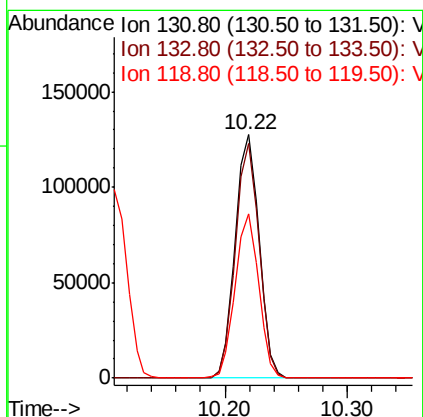
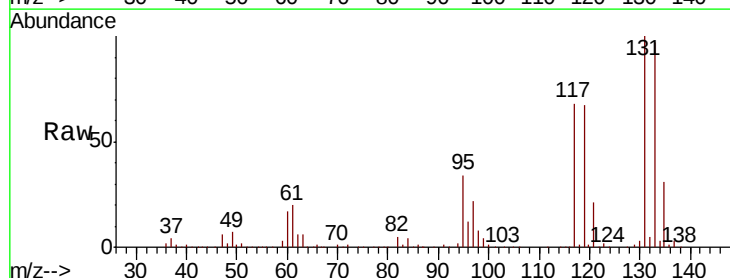
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

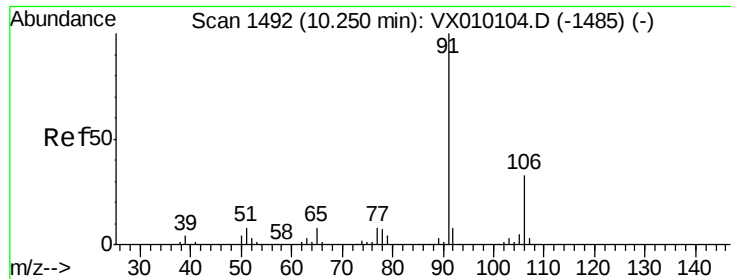
Tgt Ion:112 Resp: 444113
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.221 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion:131 Resp: 171915
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 66.4 33.4 100.1

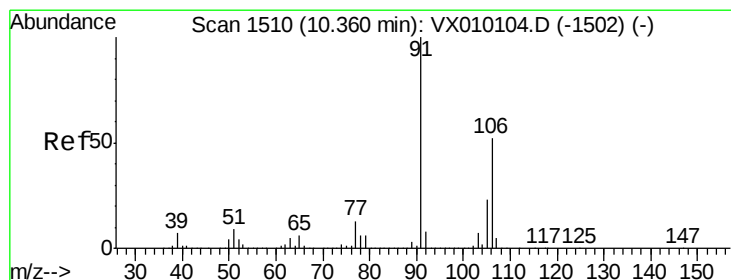
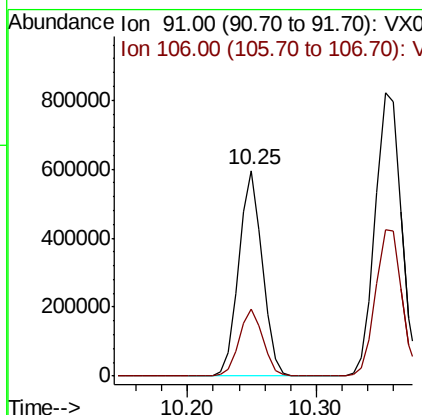
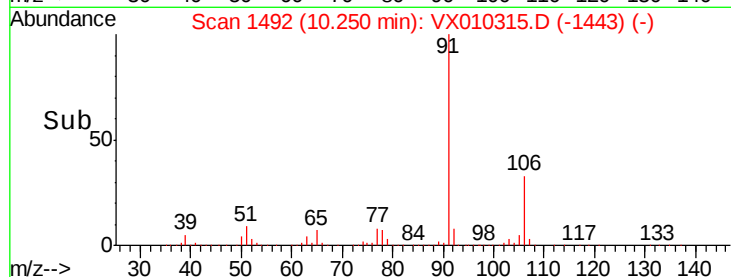
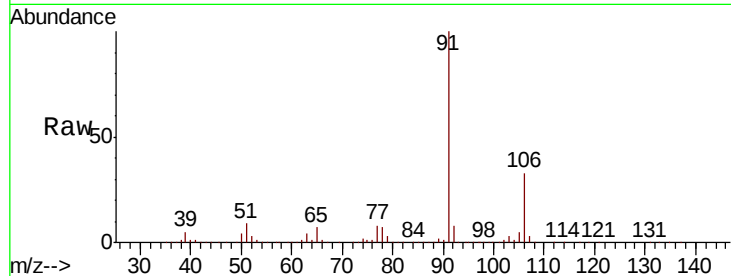




#67
Ethyl Benzene
Concen: 53.872 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

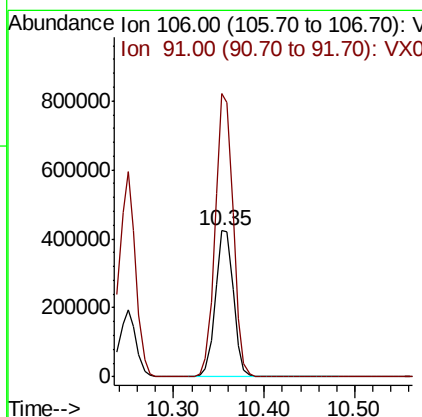
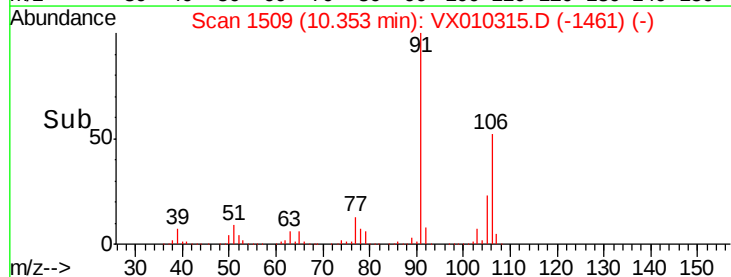
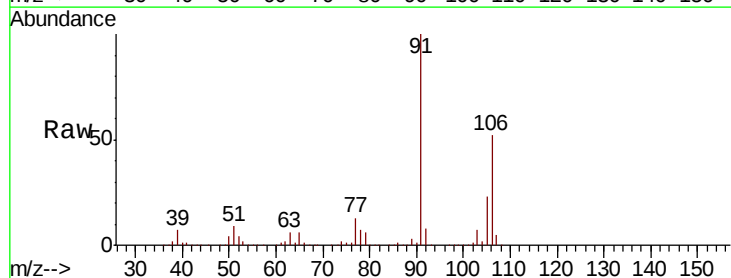
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

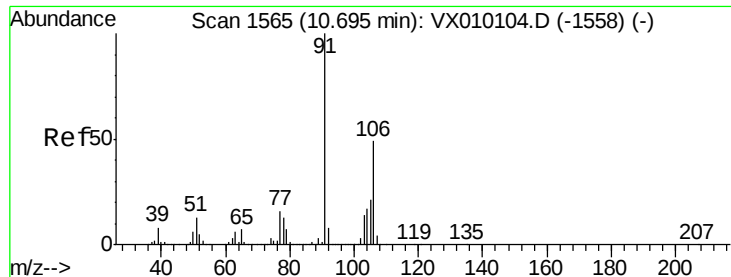
Tgt Ion: 91 Resp: 756119
Ion Ratio Lower Upper
91 100
106 32.7 23.9 35.9



#68
m/p-Xylenes
Concen: 109.431 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion: 106 Resp: 594357
Ion Ratio Lower Upper
106 100
91 192.4 167.3 250.9

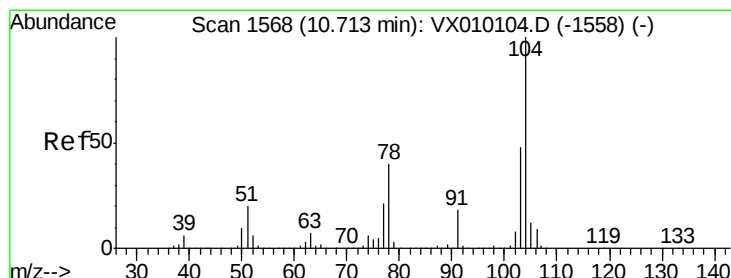
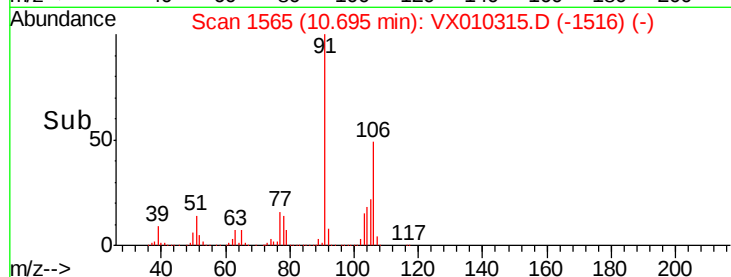
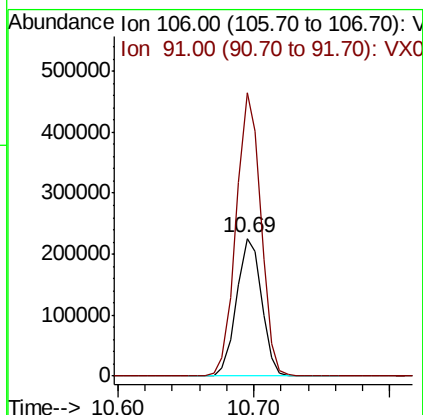
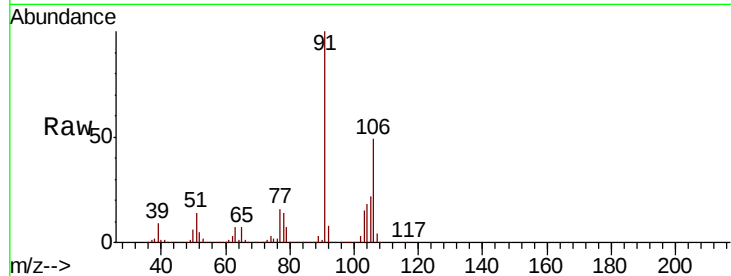




#69
o-Xylene
Concen: 53.821 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

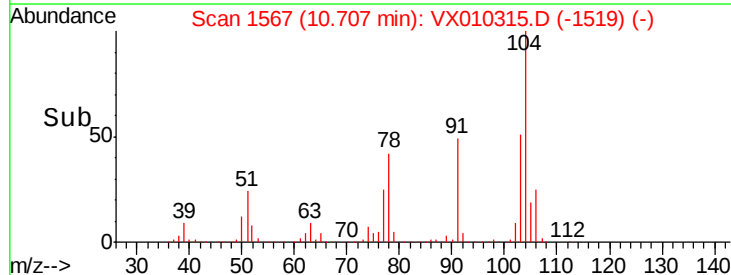
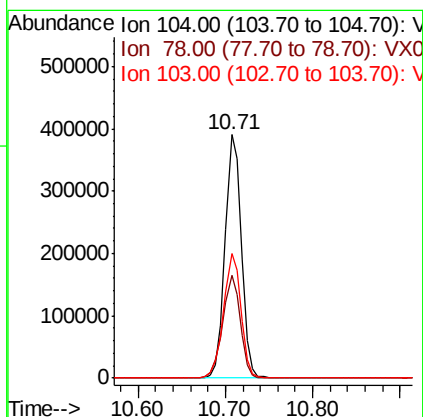
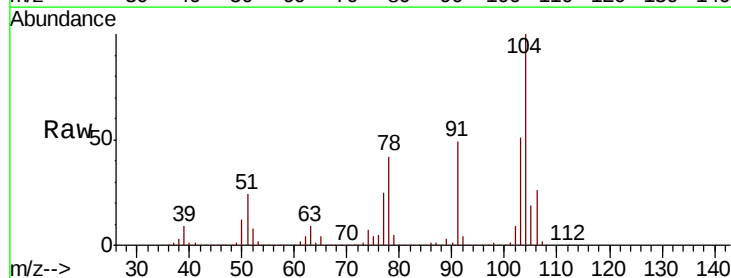
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

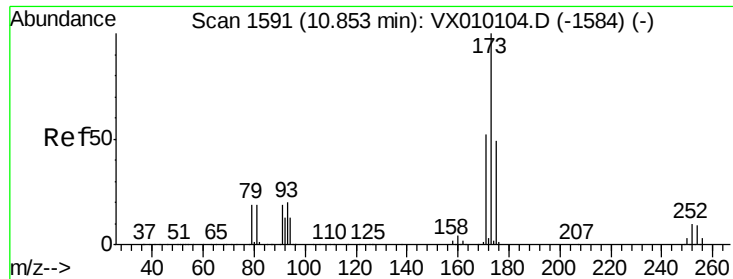
Tgt Ion:106 Resp: 290580
Ion Ratio Lower Upper
106 100
91 202.4 110.4 331.2



#70
Styrene
Concen: 54.728 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion:104 Resp: 500442
Ion Ratio Lower Upper
104 100
78 45.6 42.1 63.1
103 54.8 44.1 66.1





#71

Bromoform

Concen: 54.798 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

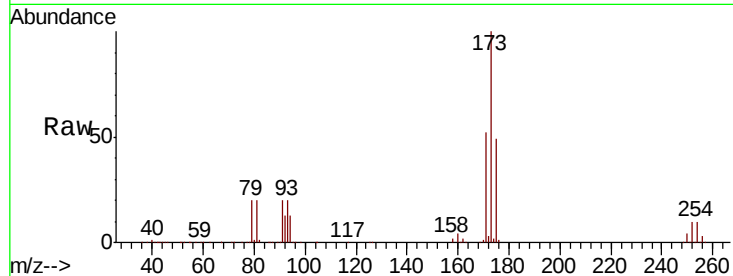
Tgt Ion:173 Resp: 159724

Ion Ratio Lower Upper

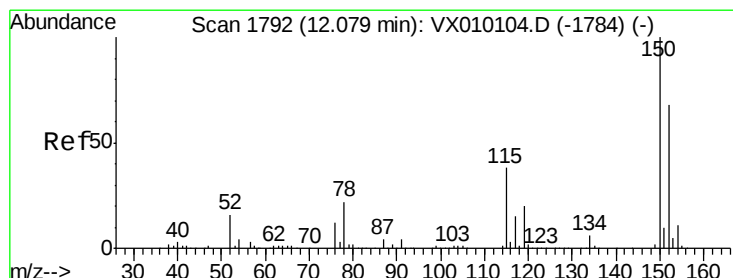
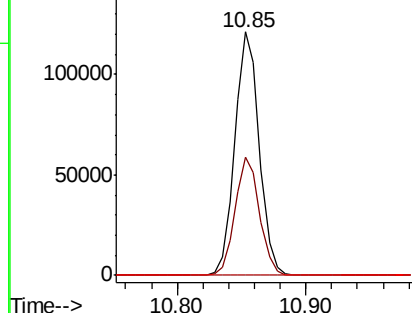
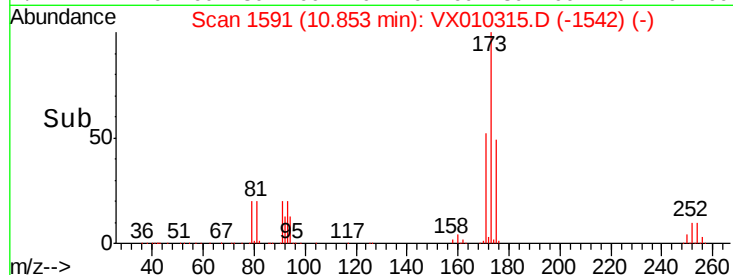
173 100

175 48.8 25.0 75.0

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

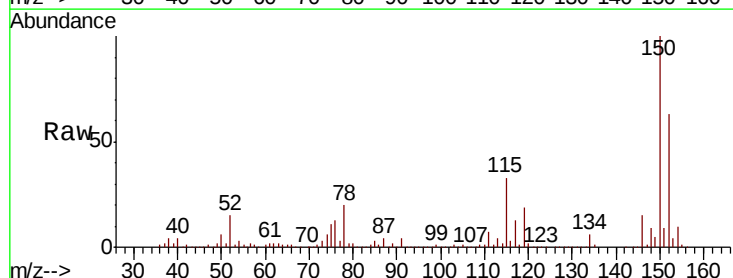
Tgt Ion:152 Resp: 213371

Ion Ratio Lower Upper

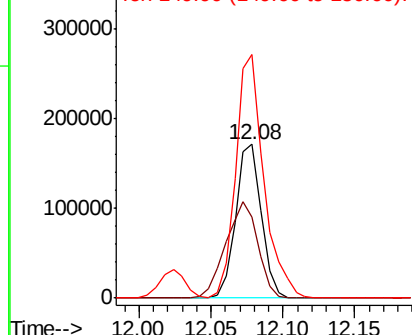
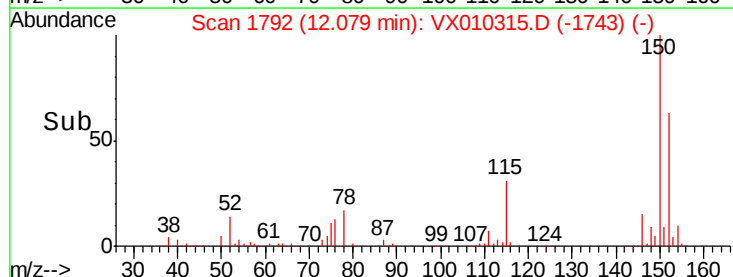
152 100

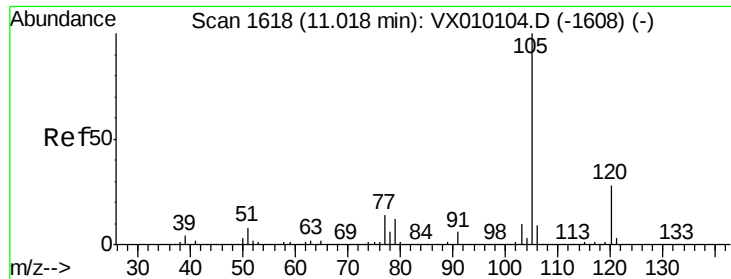
115 78.7 41.4 124.2

150 173.8 0.0 345.2



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





#73

Isopropylbenzene

Concen: 52.029 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

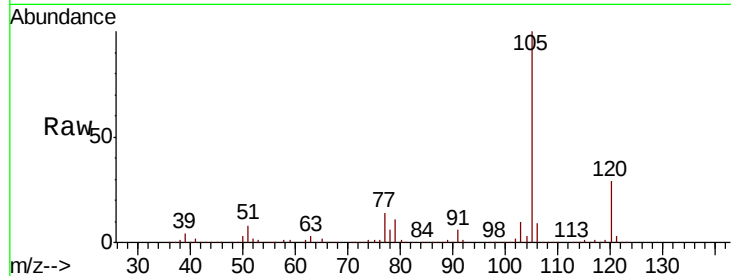
VSTDCCC050

Tgt Ion: 105 Resp: 774964

Ion Ratio Lower Upper

105 100

120 28.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

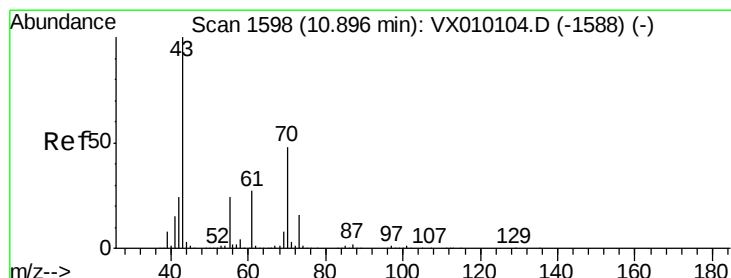
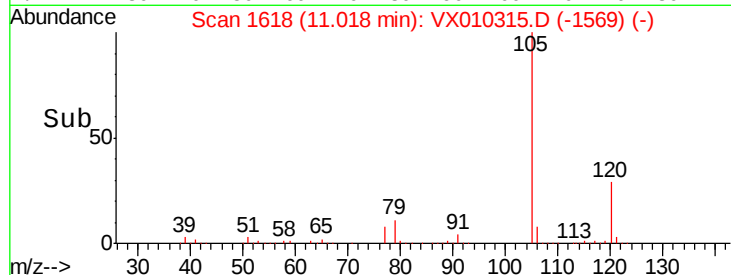
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 50.277 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Tgt Ion: 43 Resp: 296021

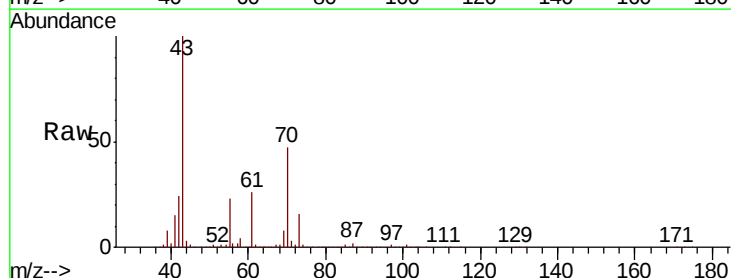
Ion Ratio Lower Upper

43 100

70 46.3 28.6 43.0#

55 23.9 17.8 26.8

61 25.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

400000

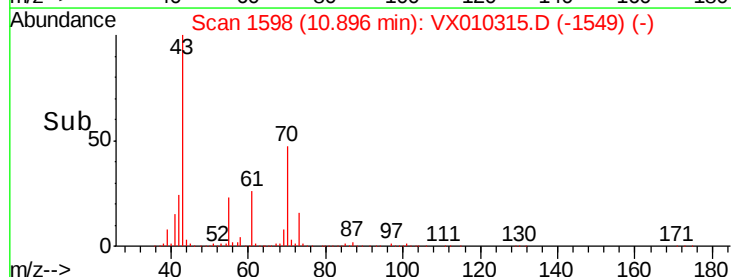
300000

200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.873 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

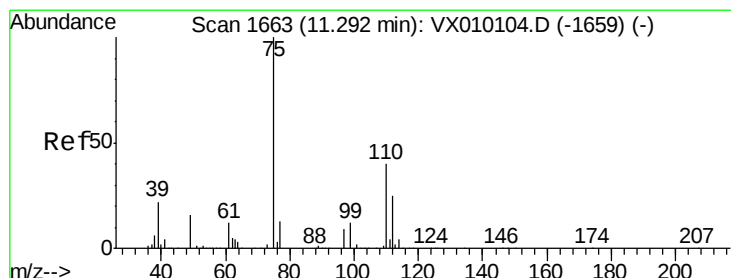
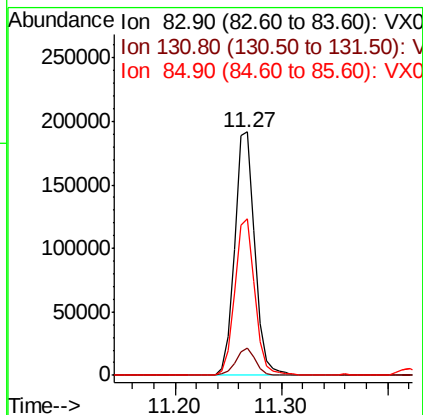
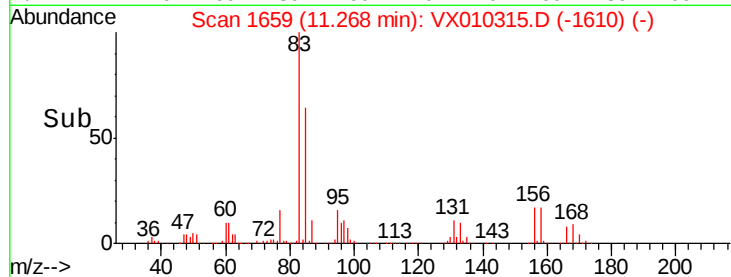
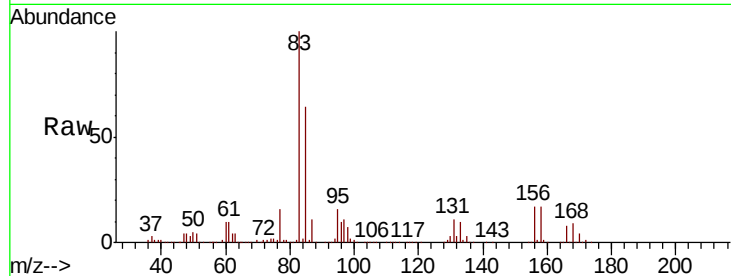
Tgt Ion: 83 Resp: 254285

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

85 64.6 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 68.975 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010315.D

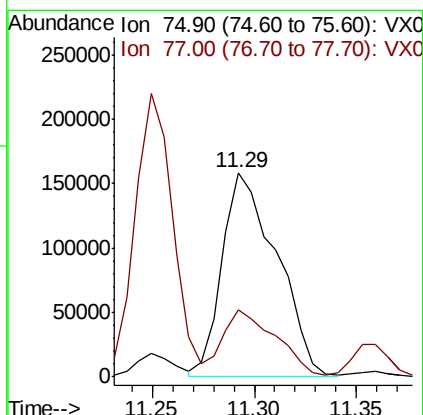
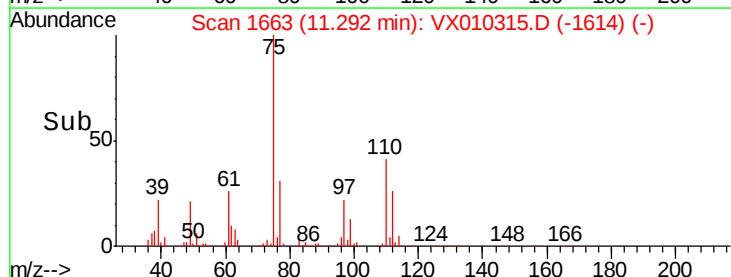
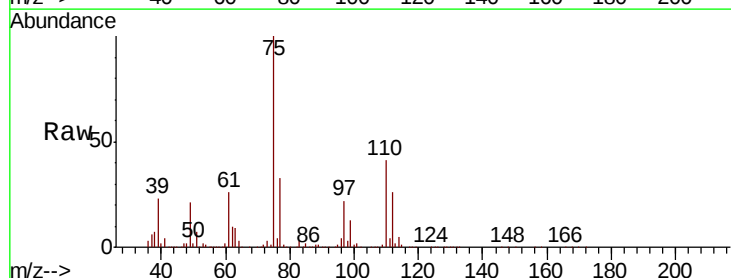
Acq: 17 Jun 2019 11:12

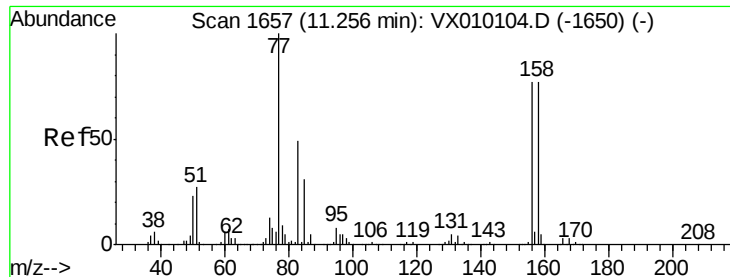
Tgt Ion: 75 Resp: 294375

Ion Ratio Lower Upper

75 100

77 32.0 22.1 66.1





#77

Bromobenzene

Concen: 52.125 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

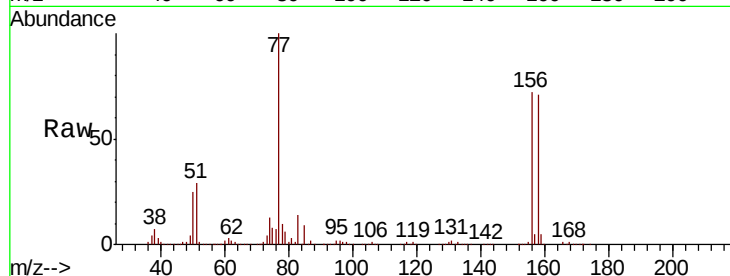
Tgt Ion:156 Resp: 213503

Ion Ratio Lower Upper

156 100

77 132.2 86.8 260.3

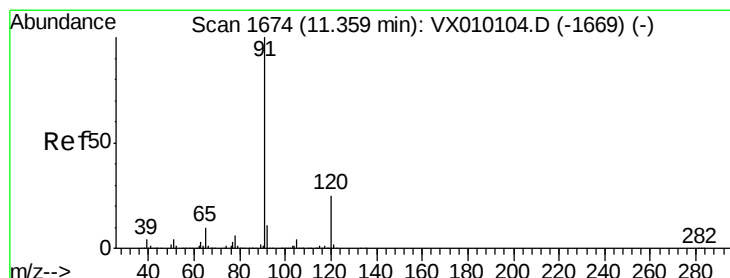
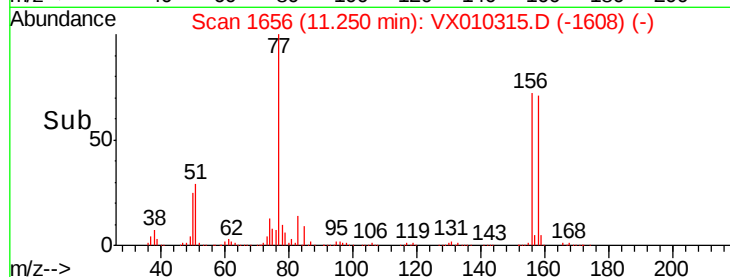
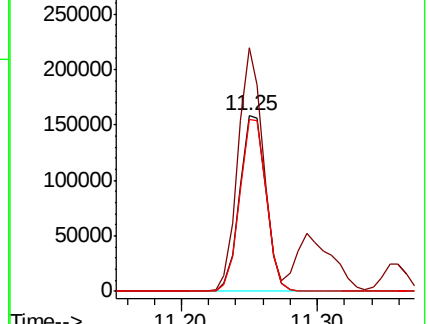
158 98.0 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.939 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010315.D

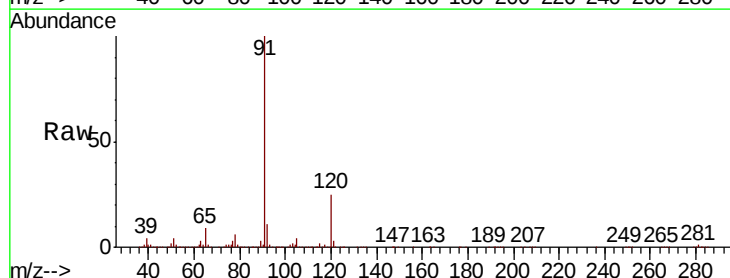
Acq: 17 Jun 2019 11:12

Tgt Ion: 91 Resp: 877834

Ion Ratio Lower Upper

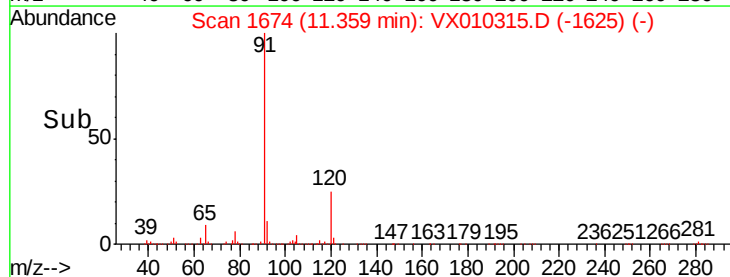
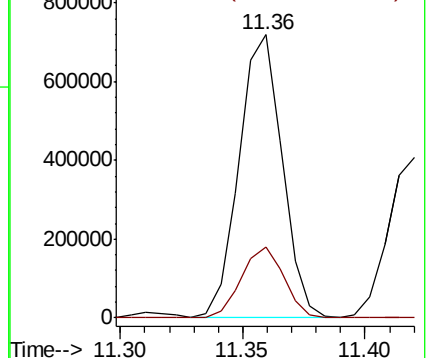
91 100

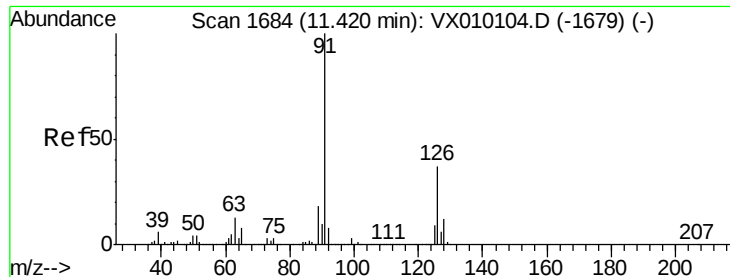
120 25.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.726 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

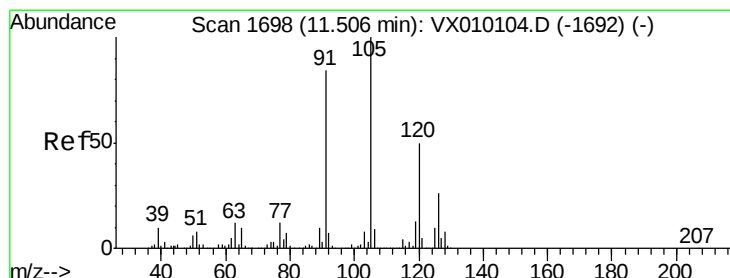
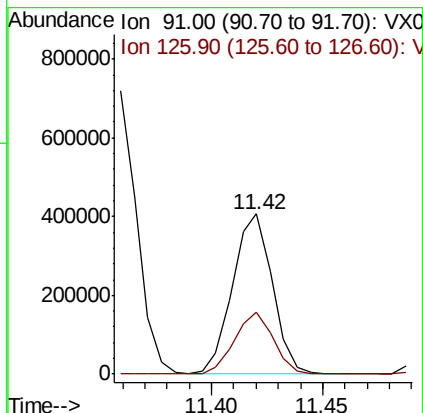
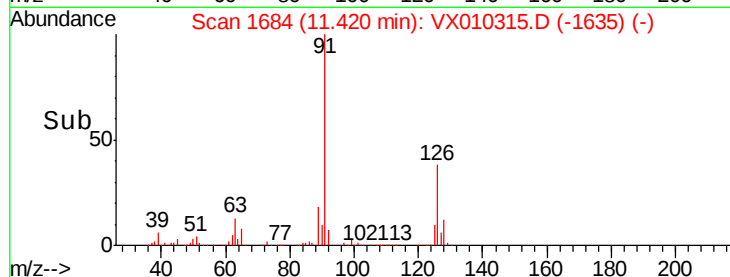
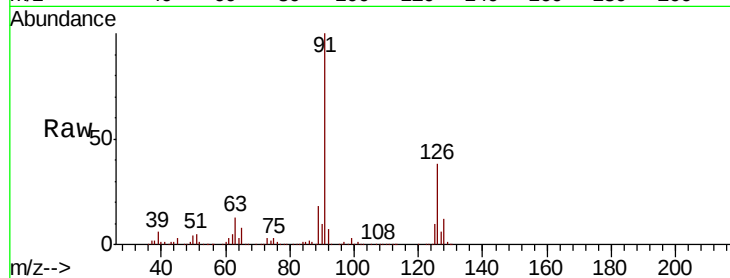
VSTDCCC050

Tgt Ion: 91 Resp: 505190

Ion Ratio Lower Upper

91 100

126 37.9 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 51.865 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010315.D

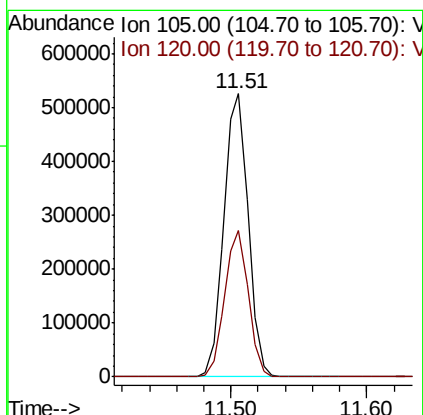
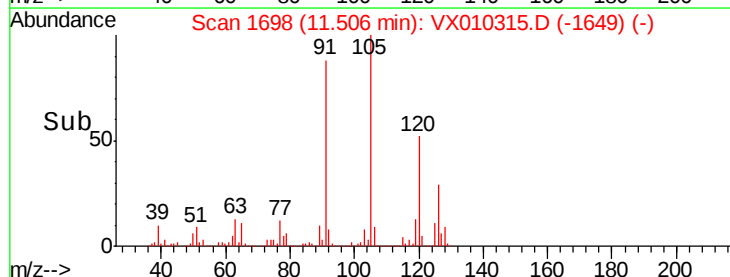
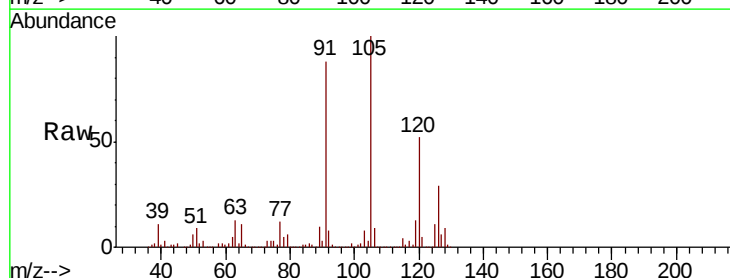
Acq: 17 Jun 2019 11:12

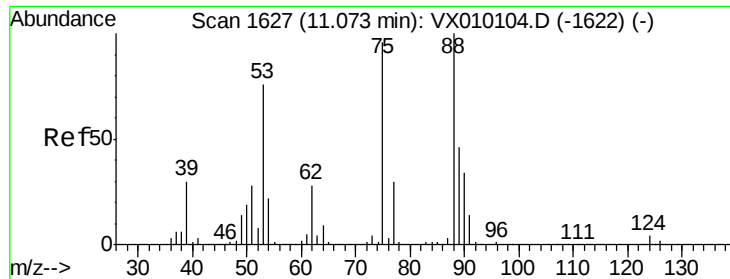
Tgt Ion: 105 Resp: 650665

Ion Ratio Lower Upper

105 100

120 50.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 48.509 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

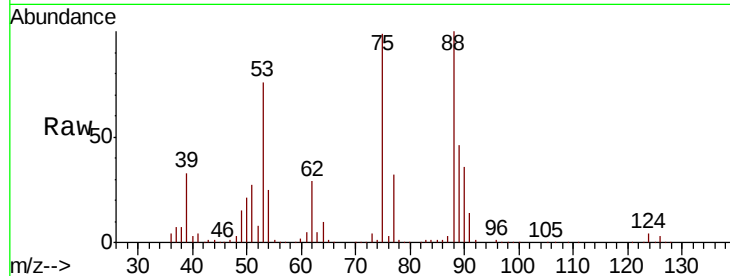
Tgt Ion: 75 Resp: 93703

Ion Ratio Lower Upper

75 100

53 80.1 79.8 119.6

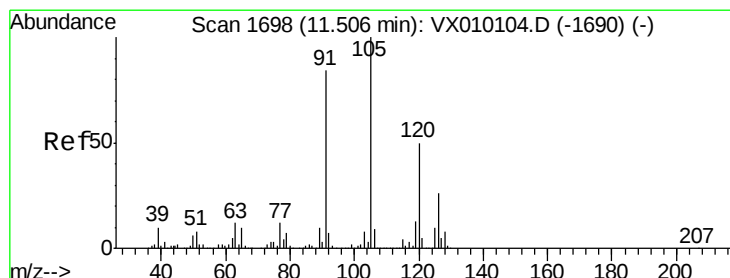
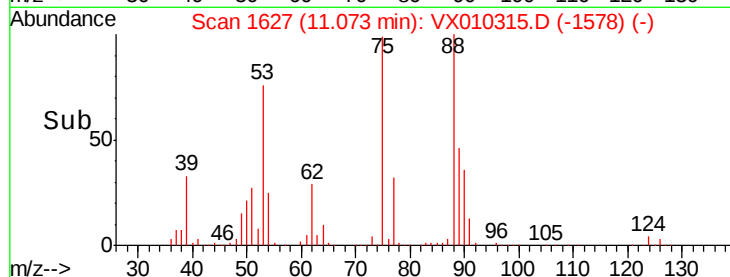
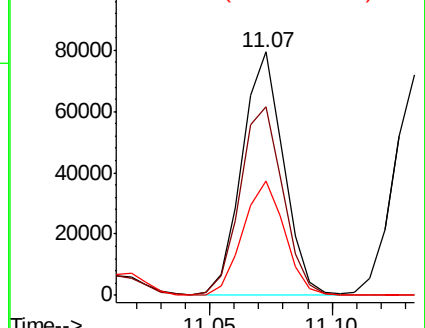
89 47.7 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.107 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010315.D

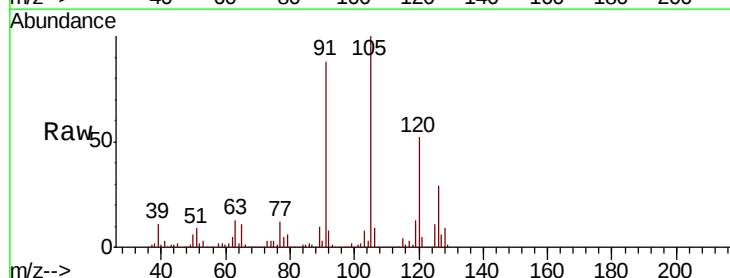
Acq: 17 Jun 2019 11:12

Tgt Ion: 91 Resp: 589499

Ion Ratio Lower Upper

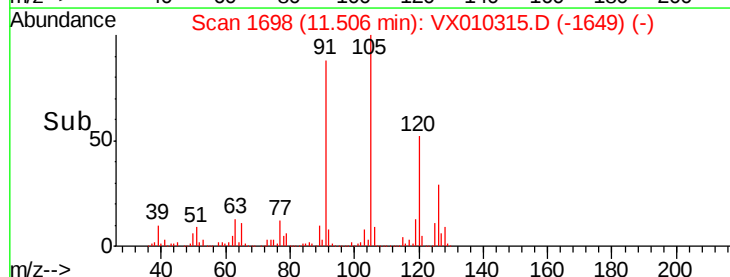
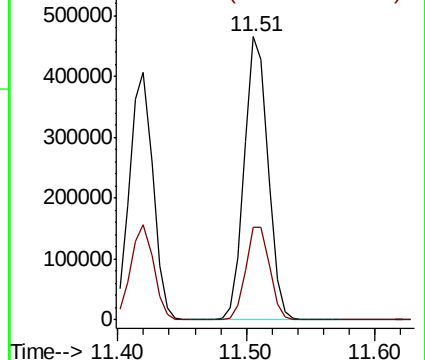
91 100

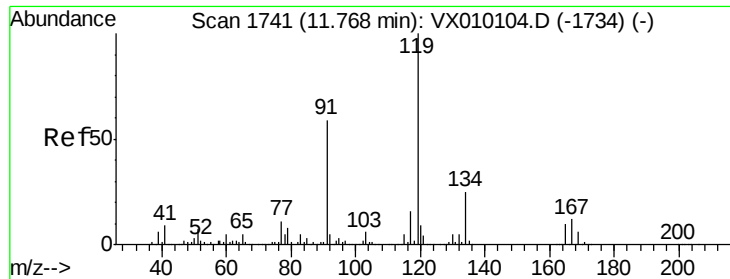
126 33.2 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

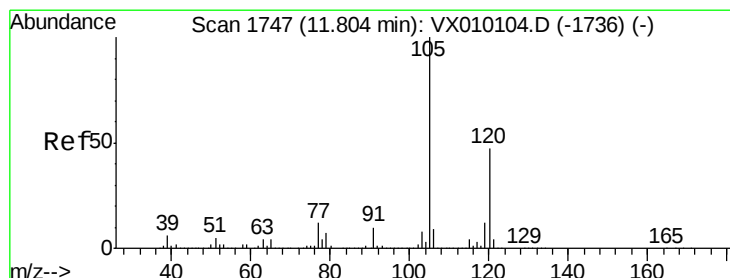
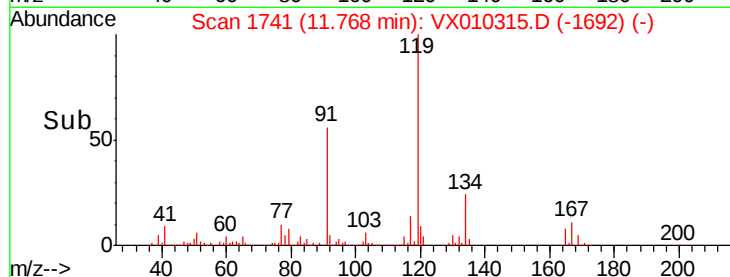
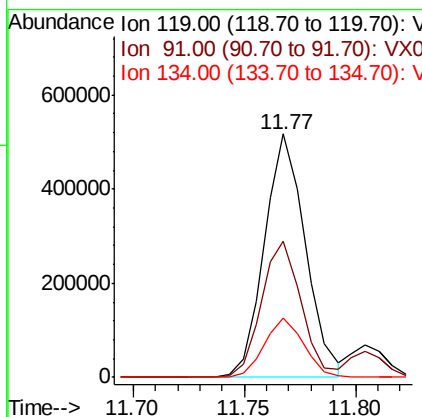
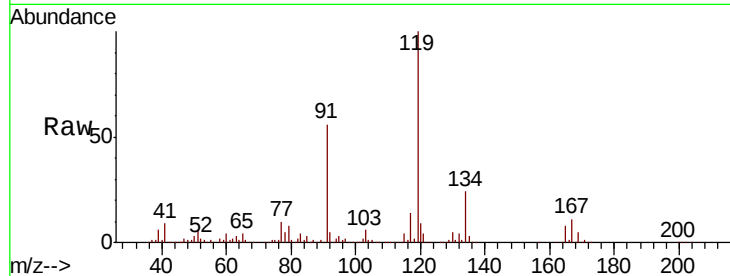




#83
 tert-Butylbenzene
 Concen: 52.015 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

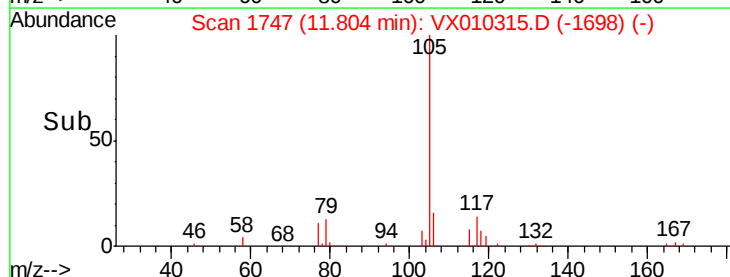
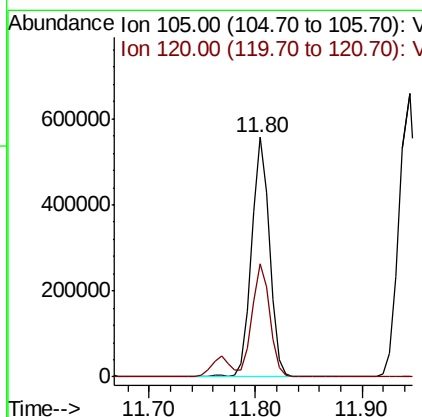
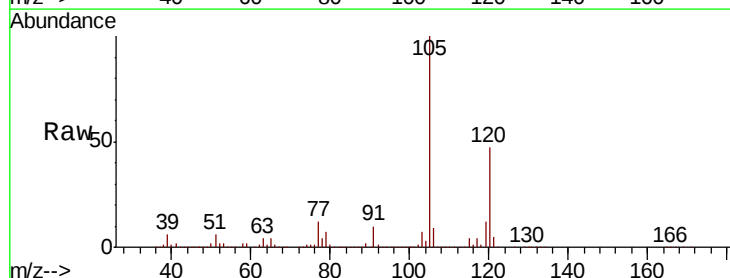
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

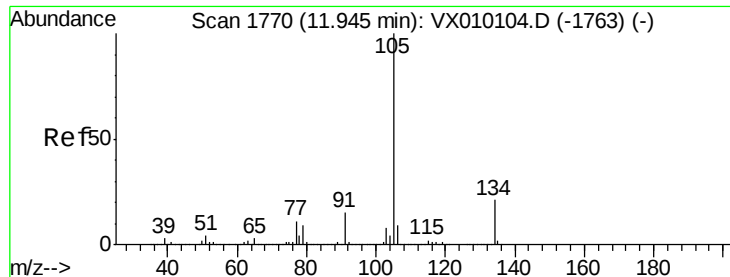
Tgt Ion:119 Resp: 660473
 Ion Ratio Lower Upper
 119 100
 91 54.7 30.0 90.0
 134 23.4 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.904 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Tgt Ion:105 Resp: 657719
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.1 66.1





#85

sec-Butylbenzene

Concen: 53.198 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

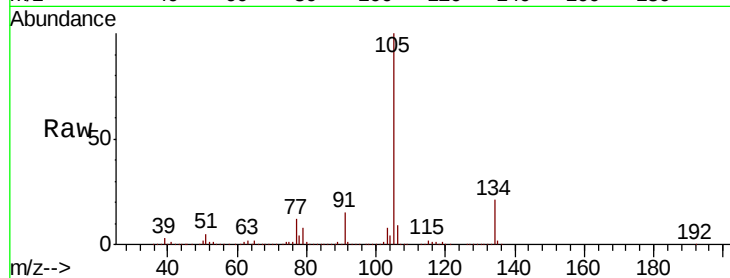
VSTDCCC050

Tgt Ion:105 Resp: 786963

Ion Ratio Lower Upper

105 100

134 21.1 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

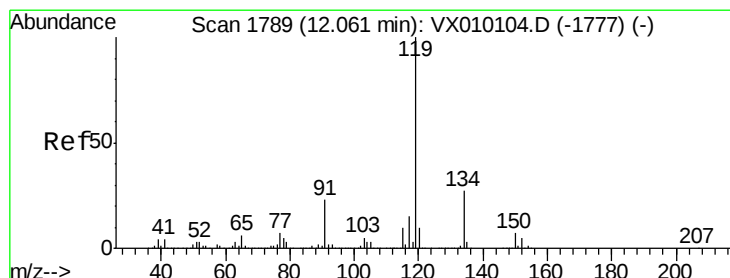
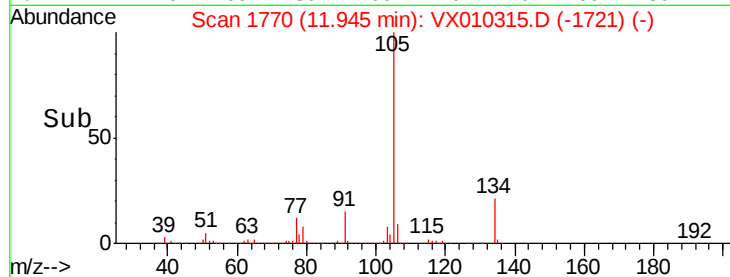
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.892 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

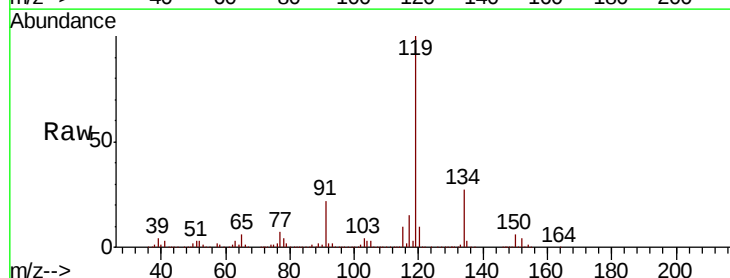
Tgt Ion:119 Resp: 728824

Ion Ratio Lower Upper

119 100

134 27.4 12.9 38.6

91 22.1 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

800000

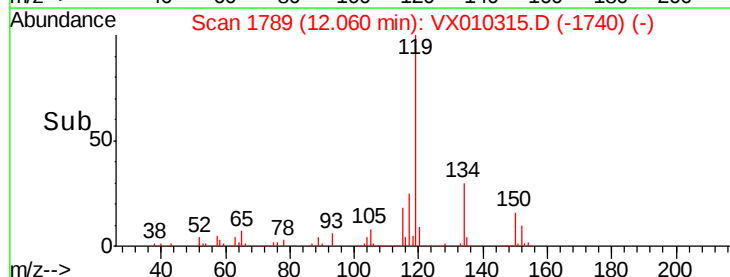
600000

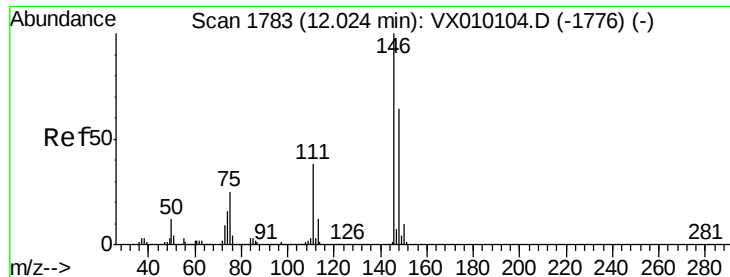
400000

200000

0

Time-->

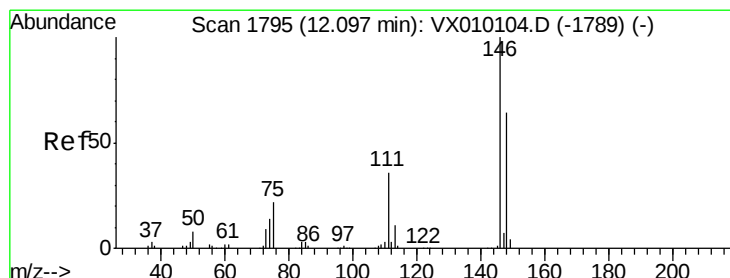
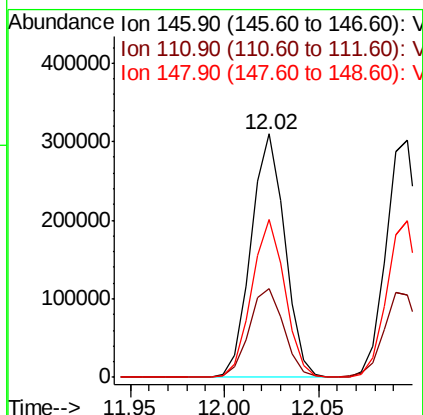
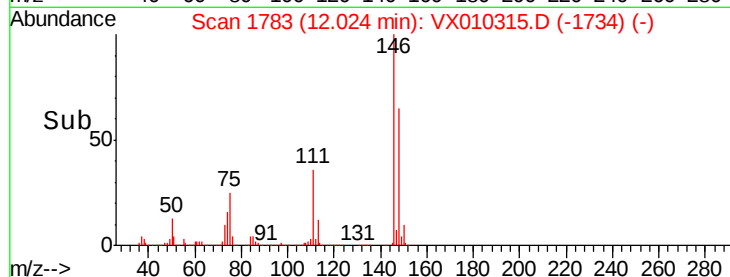
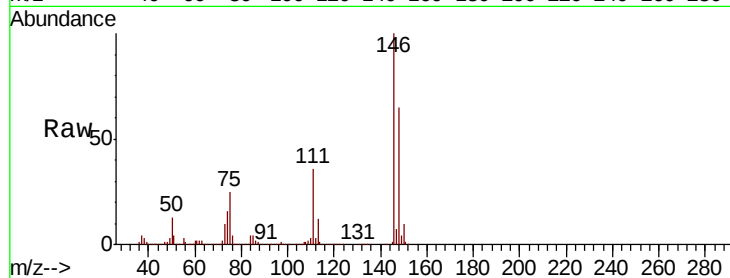




#87
 1,3-Dichlorobenzene
 Concen: 53.424 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

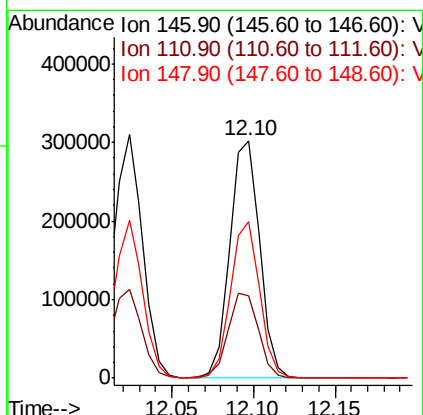
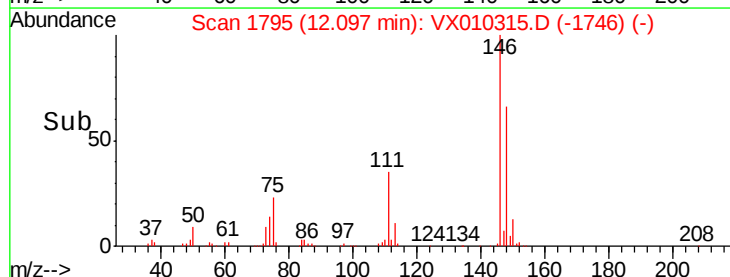
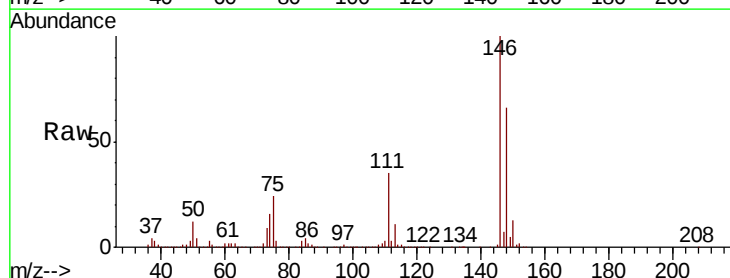
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

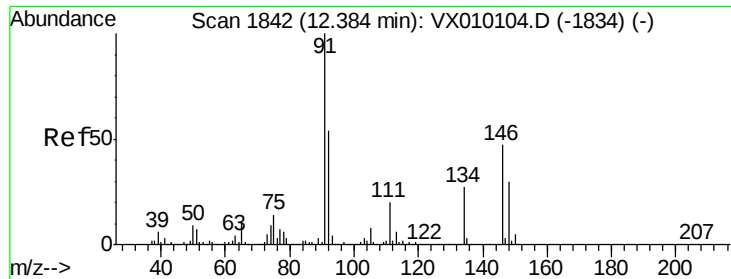
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	20.1	60.2
148	63.7	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 52.668 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	20.0	59.9
148	64.3	32.3	96.9

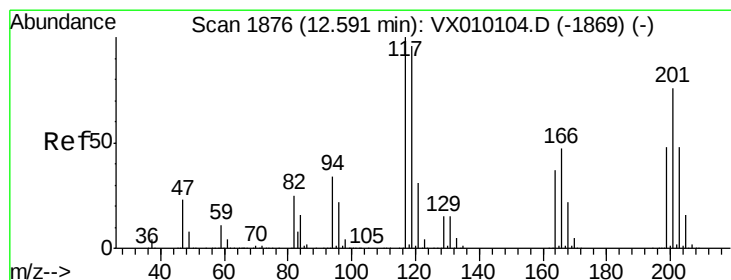
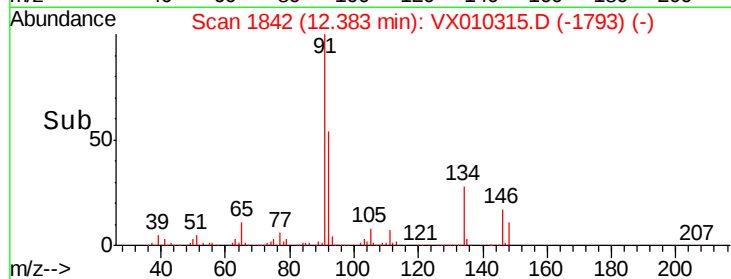
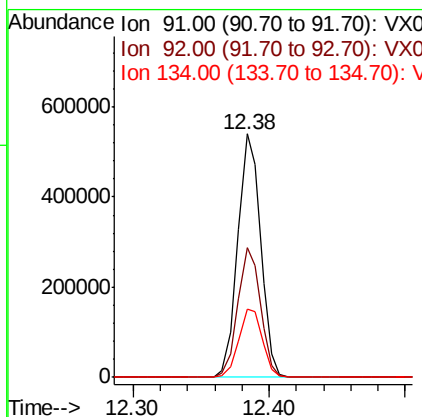
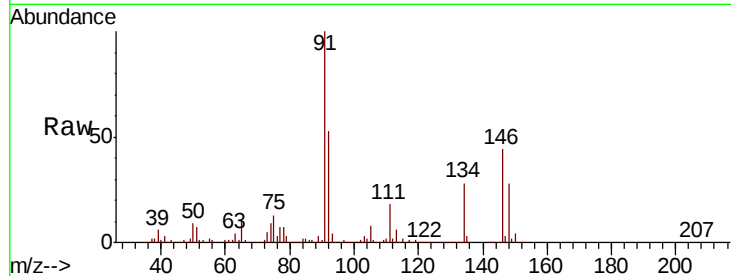




#89
n-Butylbenzene
Concen: 54.339 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

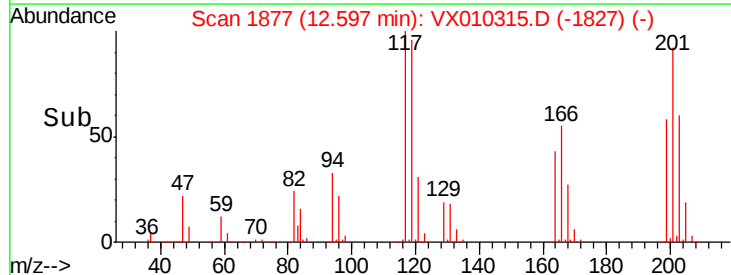
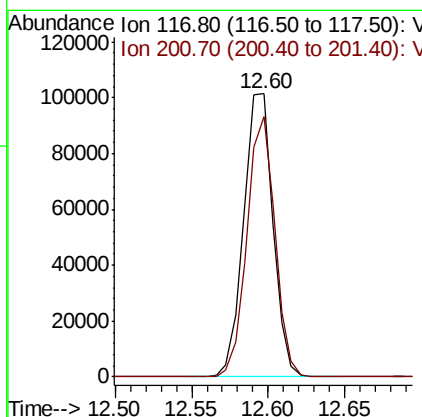
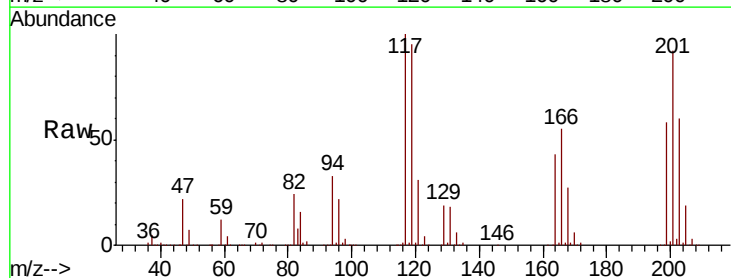
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

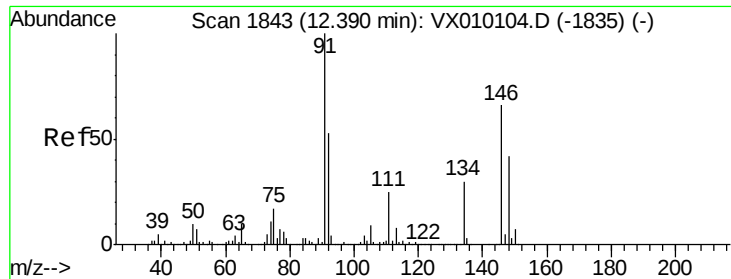
Tgt Ion: 91 Resp: 632569
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.8
134 28.8 12.3 36.8



#90
Hexachloroethane
Concen: 50.262 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010315.D
Acq: 17 Jun 2019 11:12

Tgt Ion: 117 Resp: 135406
Ion Ratio Lower Upper
117 100
201 87.4 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 53.247 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

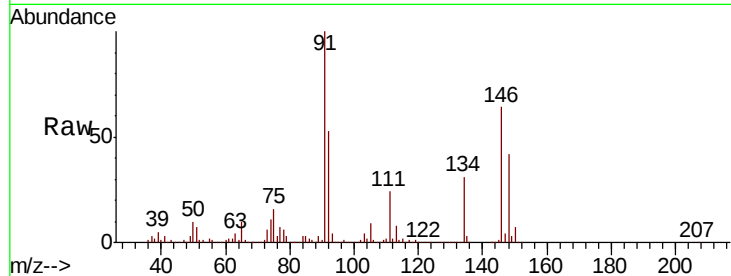
Tgt Ion:146 Resp: 373474

Ion Ratio Lower Upper

146 100

111 38.5 21.1 63.1

148 64.4 32.3 96.8

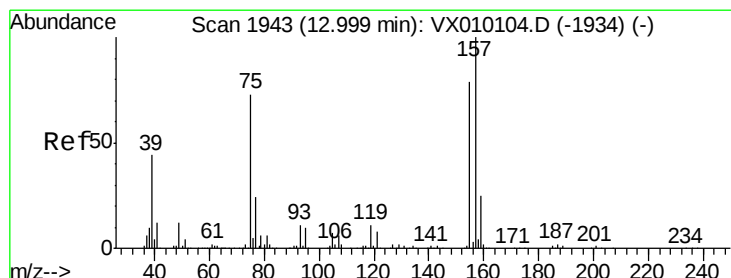
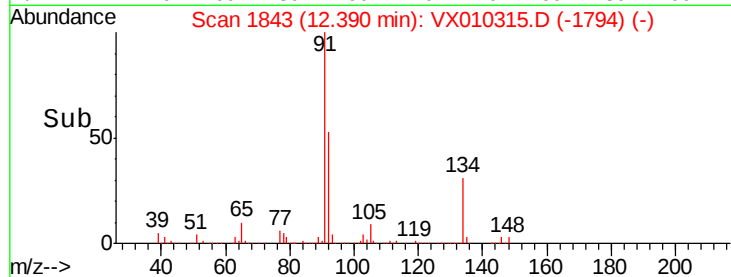
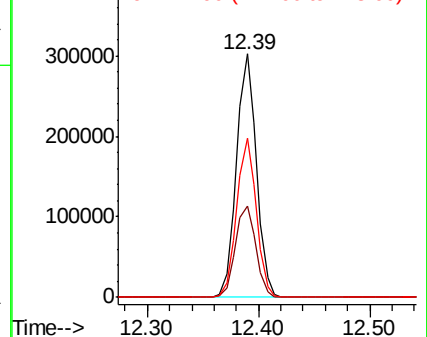


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.217 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

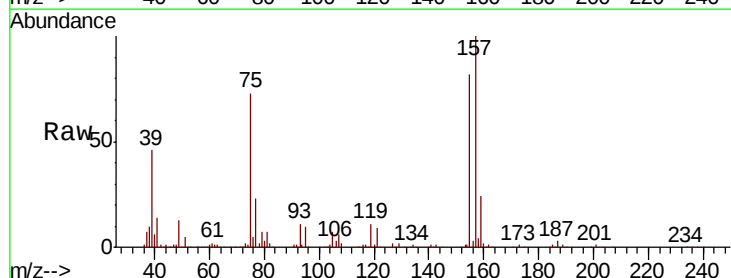
Tgt Ion: 75 Resp: 54251

Ion Ratio Lower Upper

75 100

155 106.2 39.3 117.8

157 134.2 50.6 151.8

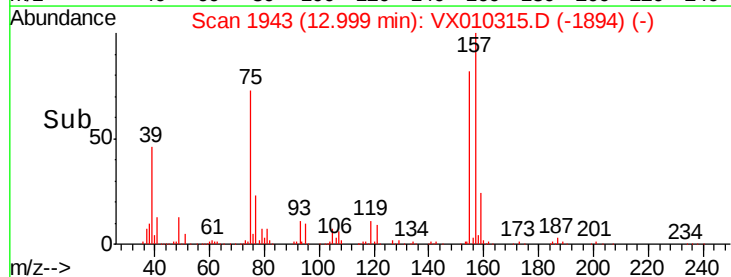
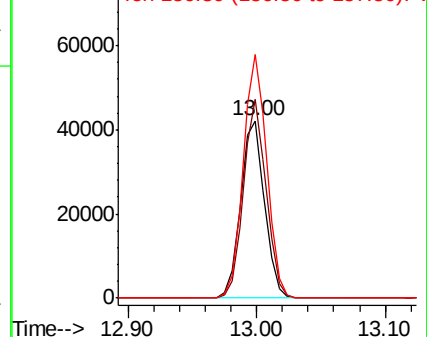


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

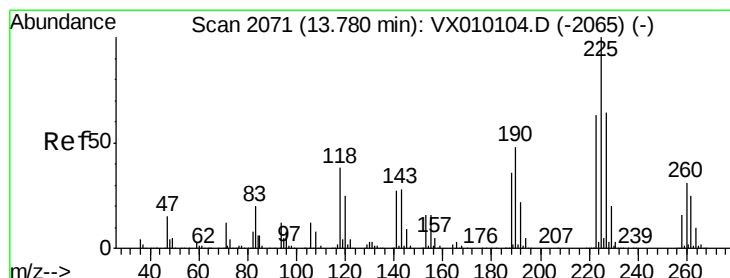
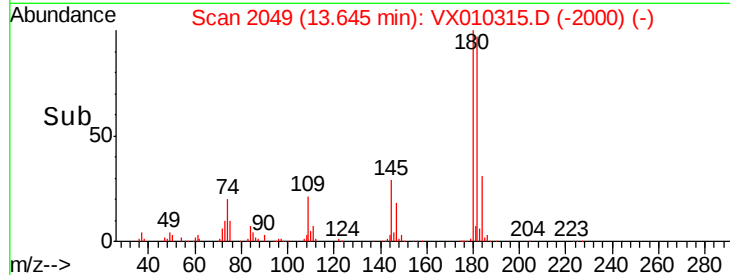
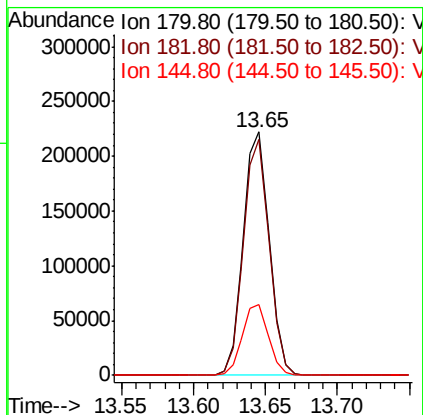
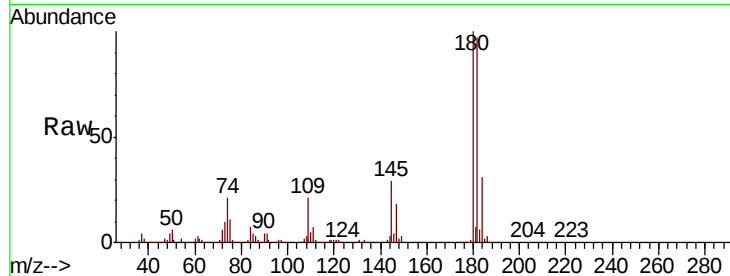




#93
 1,2,4-Trichlorobenzene
 Concen: 53.950 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

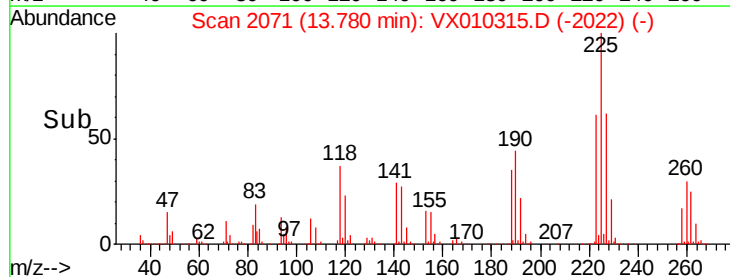
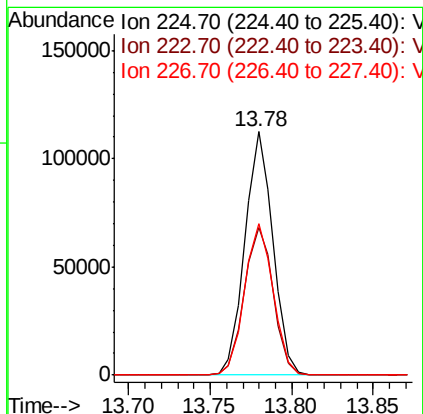
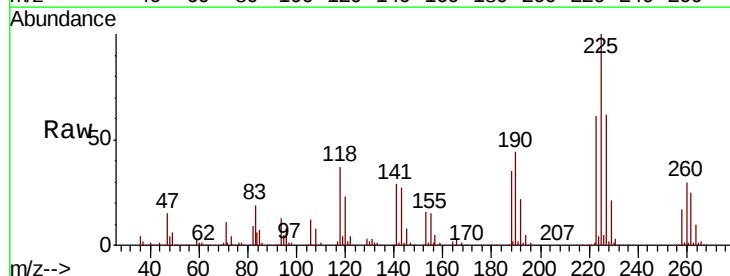
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

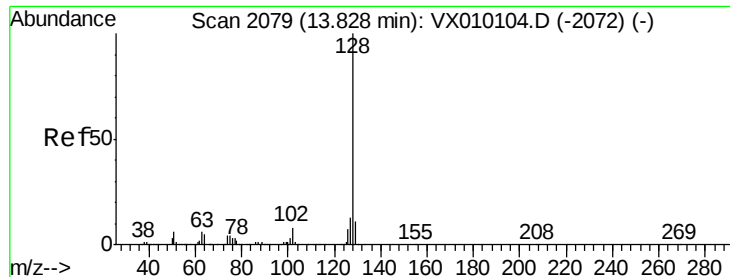
Tgt Ion:180 Resp: 276988
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.4 142.2
 145 29.4 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 59.101 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010315.D
 Acq: 17 Jun 2019 11:12

Tgt Ion:225 Resp: 134949
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.3 93.8
 227 63.4 32.3 96.8





#95

Naphthalene

Concen: 51.133 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

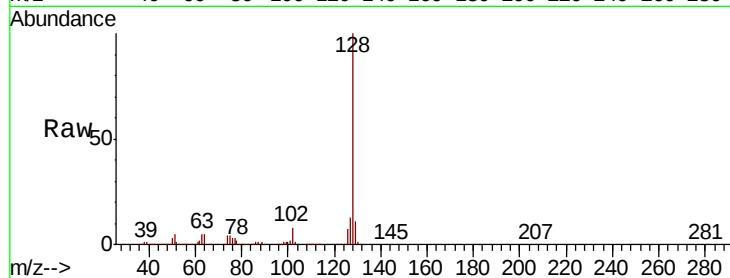
Tgt Ion:128 Resp: 826413

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

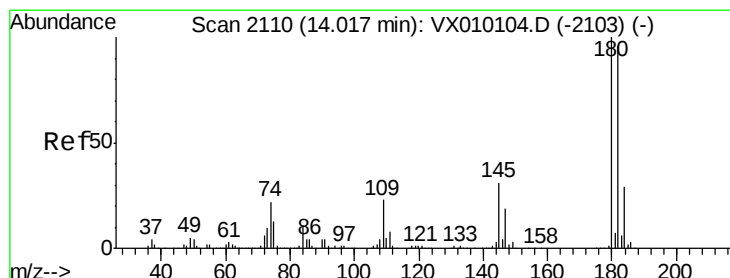
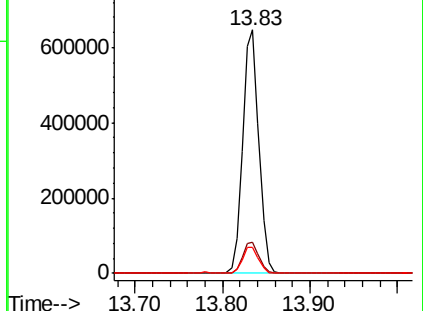
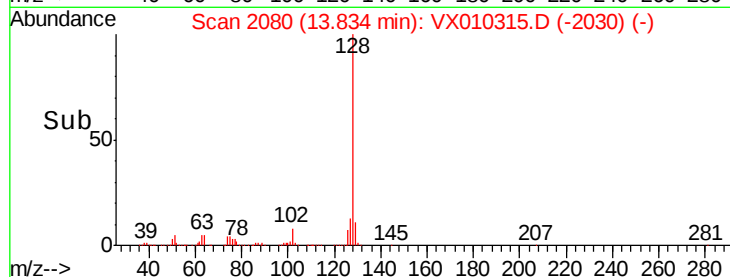
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.733 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010315.D

Acq: 17 Jun 2019 11:12

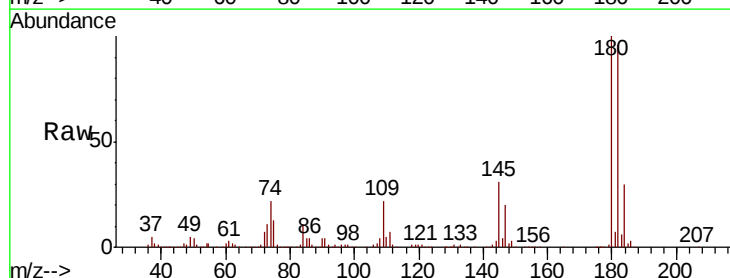
Tgt Ion:180 Resp: 272770

Ion Ratio Lower Upper

180 100

182 95.6 47.3 142.0

145 30.6 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

