

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
 Data File : VX010137.D
 Acq On : 08 Jun 2019 14:38
 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 10 07:58:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	310575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	451936	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220879	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140915	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
35) Dibromofluoromethane	5.49	113	139541	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	8.71	98	525569	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	204304	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	147104	51.476	ug/l	97
3) Chloromethane	1.32	50	139025	48.986	ug/l	99
4) Vinyl Chloride	1.41	62	134989	50.607	ug/l	99
5) Bromomethane	1.64	94	51994	51.656	ug/l	99
6) Chloroethane	1.71	64	73112	54.365	ug/l	98
7) Trichlorofluoromethane	1.92	101	207578	52.390	ug/l	98
8) Diethyl Ether	2.18	74	69351	50.783	ug/l	75
9) 1,1,2-Trichlorotrifluoroet	2.38	101	129901	47.562	ug/l	91
10) Methyl Iodide	2.51	142	204416	48.306	ug/l	96
11) Tert butyl alcohol	3.04	59	170865	230.075	ug/l	99
12) 1,1-Dichloroethene	2.37	96	128937	46.220	ug/l #	80
13) Acrolein	2.29	56	36674	270.827	ug/l	100
14) Allyl chloride	2.72	41	191879	45.567	ug/l #	88
15) Acrylonitrile	3.14	53	345834	227.828	ug/l	98
16) Acetone	2.44	43	345930	242.610	ug/l	89
17) Carbon Disulfide	2.56	76	359721	44.628	ug/l	99
18) Methyl Acetate	2.77	43	138036	44.020	ug/l #	83
19) Methyl tert-butyl Ether	3.19	73	407761	45.498	ug/l	94
20) Methylene Chloride	2.85	84	142841	45.615	ug/l #	76
21) trans-1,2-Dichloroethene	3.16	96	139630	45.229	ug/l #	78
22) Diisopropyl ether	3.85	45	381044	47.329	ug/l #	82
23) Vinyl Acetate	3.81	43	1708233	237.839	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	224248	45.875	ug/l	95
25) 2-Butanone	4.67	43	503603	237.185	ug/l #	83
26) 2,2-Dichloropropane	4.58	77	206755	46.364	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	160442	46.716	ug/l	79
28) Bromochloromethane	5.01	49	97562	44.534	ug/l #	47
29) Tetrahydrofuran	5.12	42	301831	226.198	ug/l #	75
30) Chloroform	5.21	83	237711	46.825	ug/l	100
31) Cyclohexane	5.57	56	212520	48.173	ug/l #	78
32) 1,1,1-Trichloroethane	5.49	97	215418	45.137	ug/l	93
36) 1,1-Dichloropropene	5.79	75	177272	48.079	ug/l	92
37) Ethyl Acetate	4.83	43	178658	46.570	ug/l #	91
38) Carbon Tetrachloride	5.78	117	199843	47.885	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	247585	49.313	ug/l #	83
40) Benzene	6.13	78	556906	48.846	ug/l	98
41) Methacrylonitrile	5.04	41	98100	47.272	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	171857	47.215	ug/l	93
43) Isopropyl Acetate	6.44	43	301308	46.974	ug/l #	89
44) Trichloroethene	7.21	130	167332	48.690	ug/l	89
45) 1,2-Dichloropropane	7.51	63	137948	48.341	ug/l	98
46) Dibromomethane	7.66	93	98989	46.302	ug/l	90
47) Bromodichloromethane	7.90	83	190348	47.648	ug/l #	99
48) Methyl methacrylate	7.76	41	143501	47.837	ug/l #	78
49) 1,4-Dioxane	7.74	88	80607	942.468	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	937834	244.743	ug/l	89
52) Toluene	8.78	92	361592	48.247	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	224367	48.557	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	236099	47.662	ug/l	90
55) 1,1,2-Trichloroethane	9.21	97	148868	48.502	ug/l	97
56) Ethyl methacrylate	9.18	69	238112	49.110	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	232609	48.137	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	562552	246.118	ug/l #	86
59) 2-Hexanone	9.49	43	767371	251.167	ug/l	87
60) Dibromochloromethane	9.58	129	180526	49.725	ug/l	99
61) 1,2-Dibromoethane	9.67	107	164273	48.055	ug/l	100
64) Tetrachloroethene	9.34	164	147672	47.809	ug/l	97
65) Chlorobenzene	10.13	112	414505	48.292	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	159449	48.306	ug/l	100
67) Ethyl Benzene	10.25	91	714655	48.910	ug/l	95
68) m/p-Xylenes	10.35	106	563569	99.671	ug/l	90
69) o-Xylene	10.69	106	274837	48.898	ug/l	89
70) Styrene	10.71	104	472737	49.660	ug/l	96
71) Bromoform	10.85	173	150605	49.632	ug/l #	97
73) Isopropylbenzene	11.02	105	725727	47.068	ug/l	95
74) N-amyl acetate	10.90	43	284897	46.743	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	240576	45.581	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	279863	63.346	ug/l	81
77) Bromobenzene	11.25	156	201307	47.477	ug/l	82
78) n-propylbenzene	11.36	91	824144	48.012	ug/l	94
79) 2-Chlorotoluene	11.42	91	483994	46.946	ug/l	92
80) 1,3,5-Trimethylbenzene	11.51	105	615972	47.431	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	94124	47.071	ug/l #	83
82) 4-Chlorotoluene	11.51	91	563627	48.127	ug/l	93
83) tert-Butylbenzene	11.77	119	625455	47.583	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	621345	47.367	ug/l	95
85) sec-Butylbenzene	11.94	105	730407	47.696	ug/l	96
86) p-Isopropyltoluene	12.06	119	685621	48.974	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	357316	47.843	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	352240	46.786	ug/l	98
89) n-Butylbenzene	12.38	91	605557	50.251	ug/l	97
90) Hexachloroethane	12.59	117	133681	47.935	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	347900	47.915	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	53698	43.235	ug/l	69

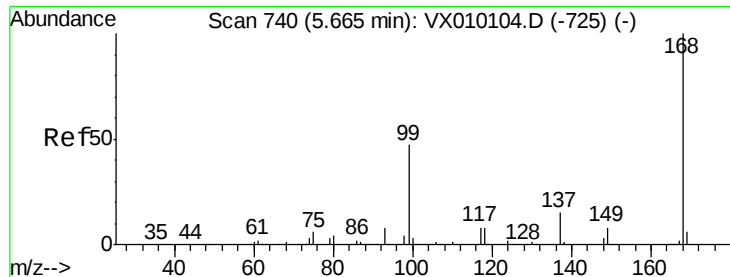
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	256395	48.241	ug/l	100
94) Hexachlorobutadiene	13.78	225	113541	48.036	ug/l	98
95) Naphthalene	13.83	128	769608	46.000	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	249903	47.555	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

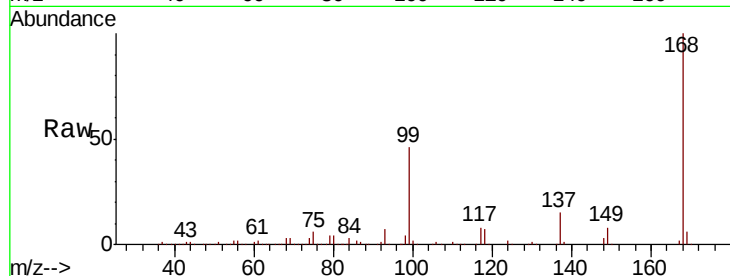
VSTDCCC050

Tgt Ion:168 Resp: 310575

Ion Ratio Lower Upper

168 100

99 46.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

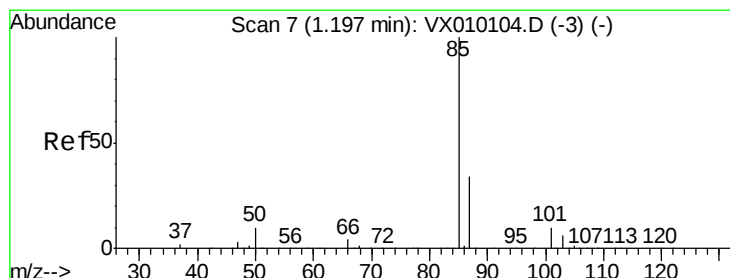
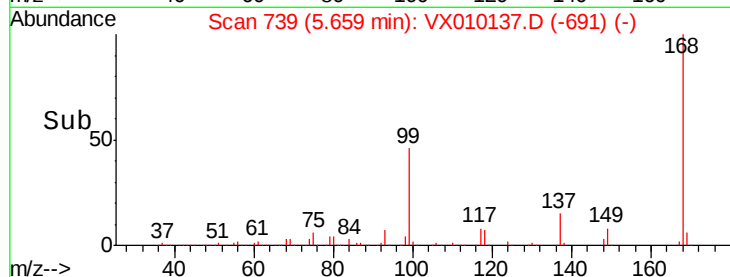
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.476 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010137.D

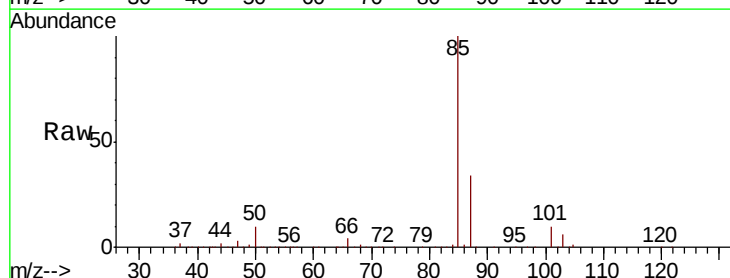
Acq: 08 Jun 2019 14:38

Tgt Ion: 85 Resp: 147104

Ion Ratio Lower Upper

85 100

87 33.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

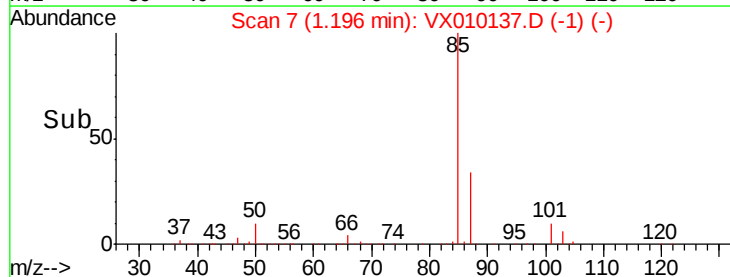
150000

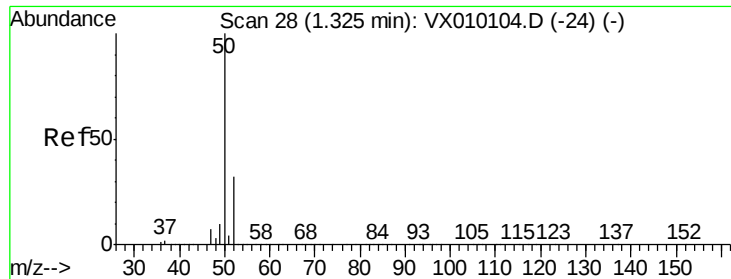
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.986 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

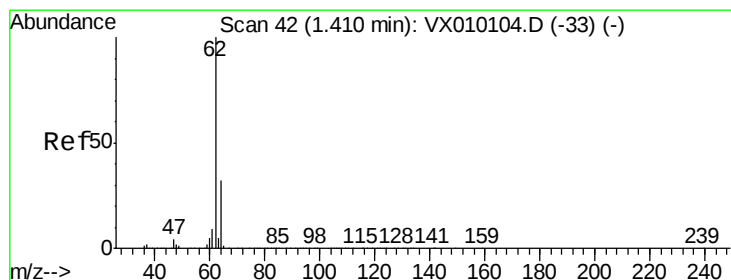
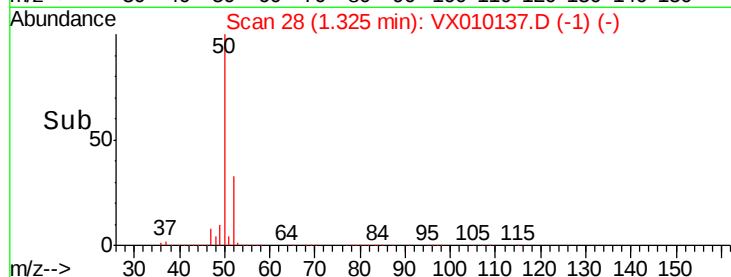
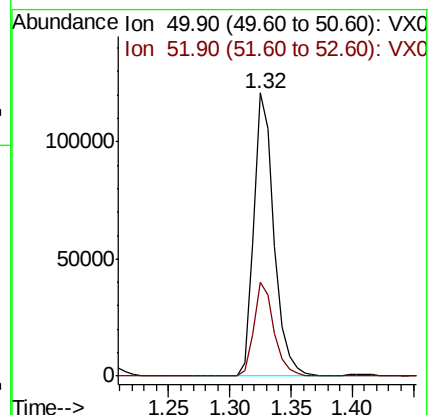
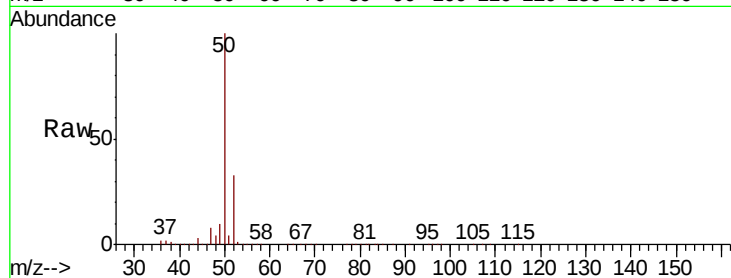
VSTDCCC050

Tgt Ion: 50 Resp: 139025

Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0



#4

Vinyl Chloride

Concen: 50.607 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010137.D

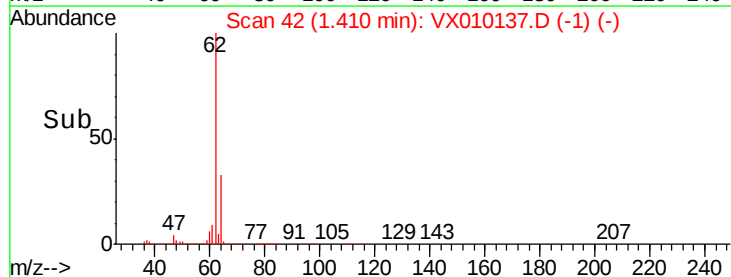
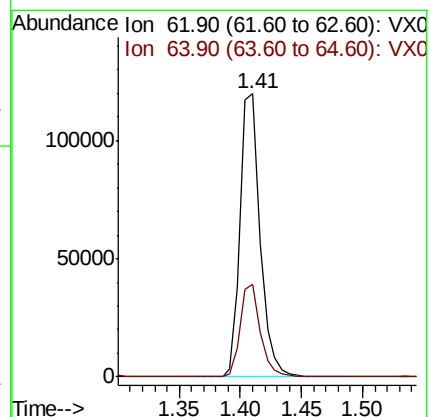
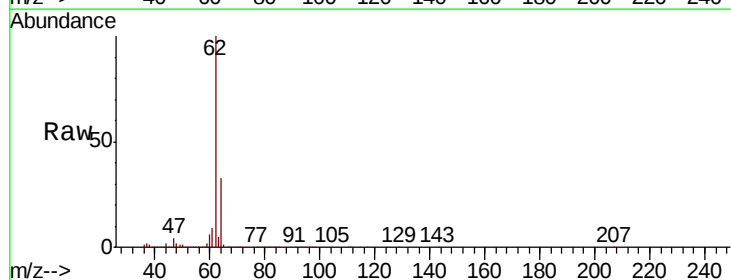
Acq: 08 Jun 2019 14:38

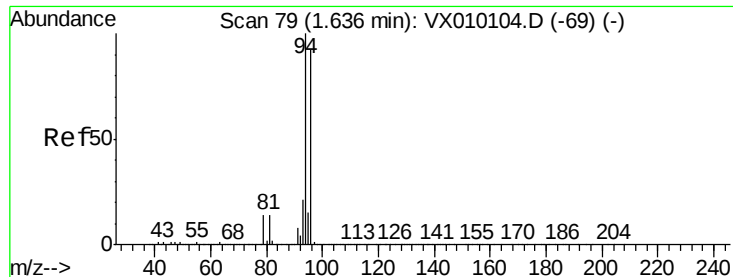
Tgt Ion: 62 Resp: 134989

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 51.656 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

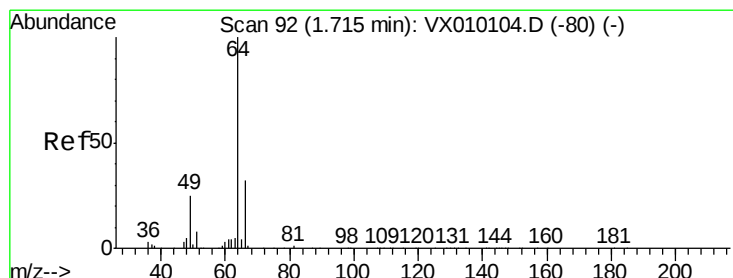
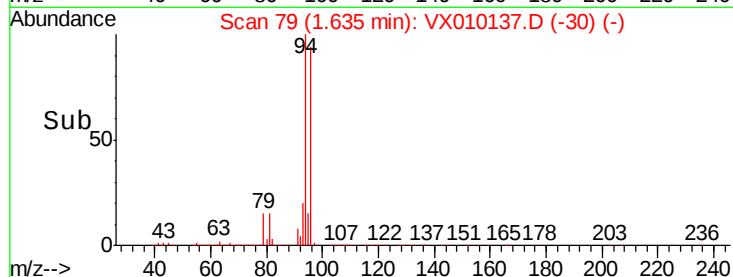
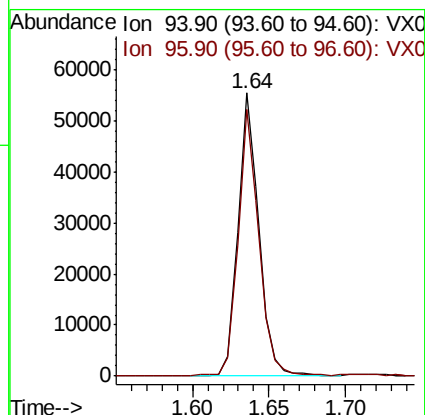
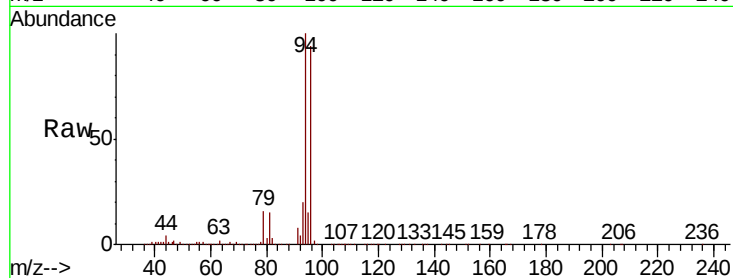
VSTDCCC050

Tgt Ion: 94 Resp: 51994

Ion Ratio Lower Upper

94 100

96 94.2 76.2 114.4



#6

Chloroethane

Concen: 54.365 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010137.D

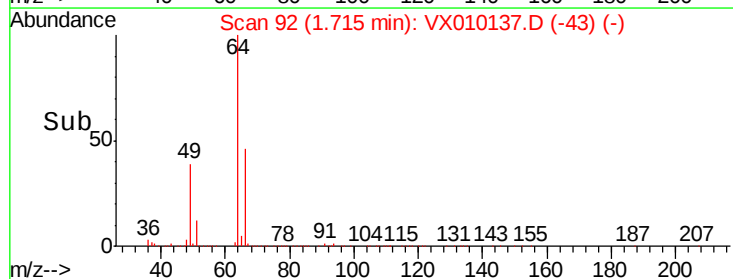
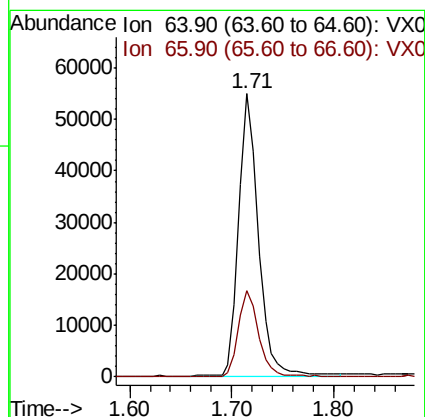
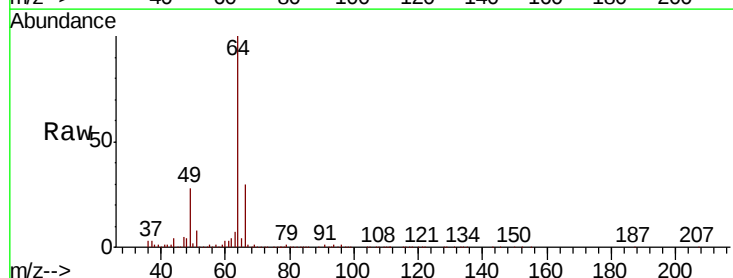
Acq: 08 Jun 2019 14:38

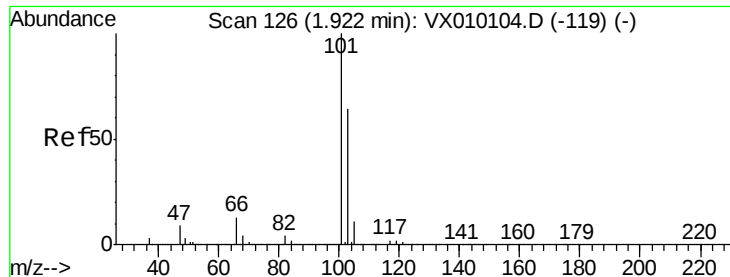
Tgt Ion: 64 Resp: 73112

Ion Ratio Lower Upper

64 100

66 30.4 25.1 37.7



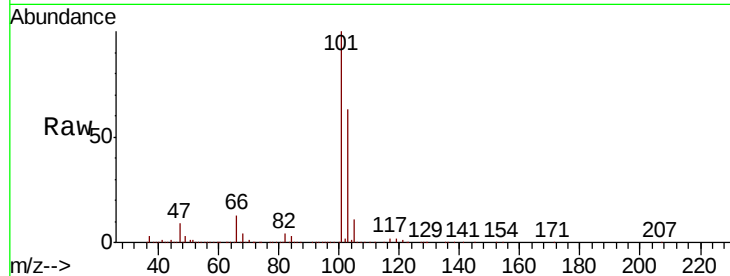


#7

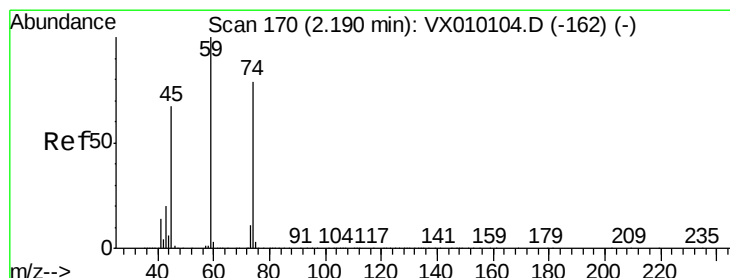
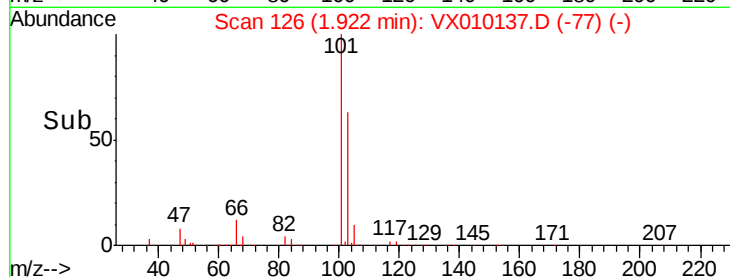
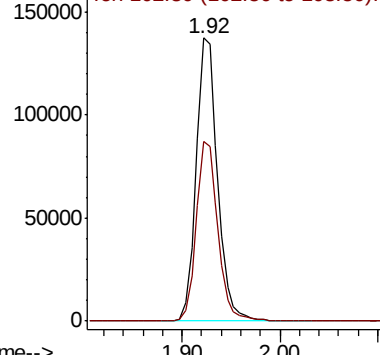
Trichlorofluoromethane
Concen: 52.390 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Instrument :
MSVOA_X
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VSTDCCC050

Tgt Ion:101 Resp: 207578
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.4



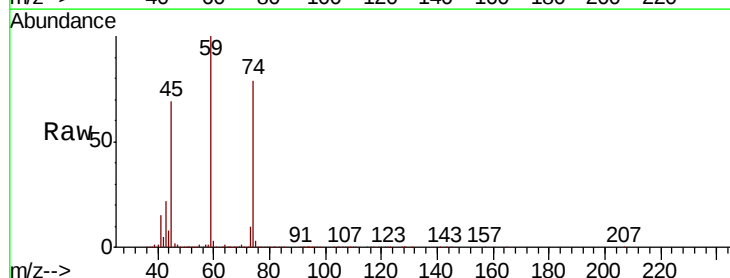
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



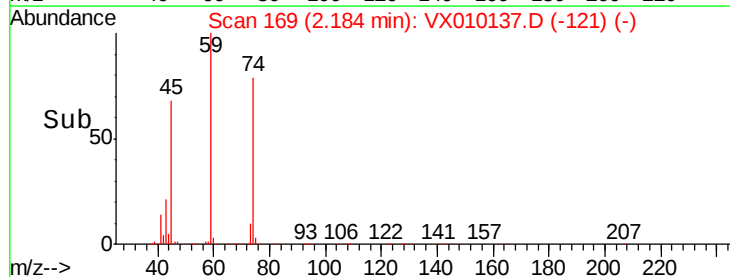
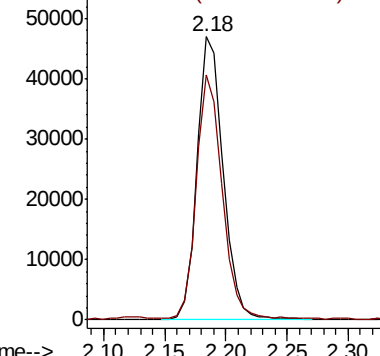
#8

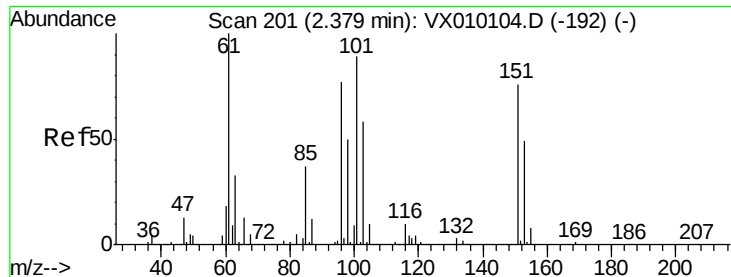
Diethyl Ether
Concen: 50.783 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Tgt Ion: 74 Resp: 69351
Ion Ratio Lower Upper
74 100
45 85.1 56.1 168.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.562 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

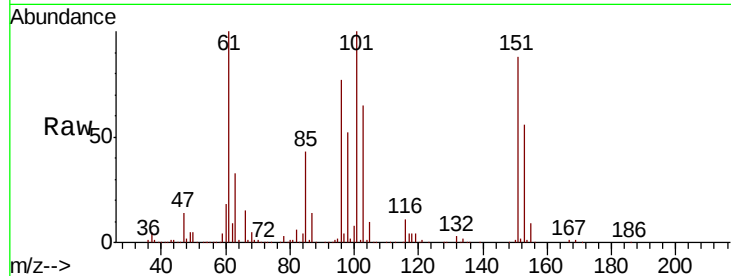
Tgt Ion:101 Resp: 129901

Ion Ratio Lower Upper

101 100

85 41.9 35.2 52.8

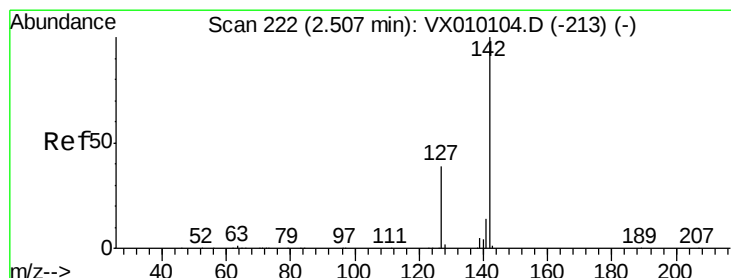
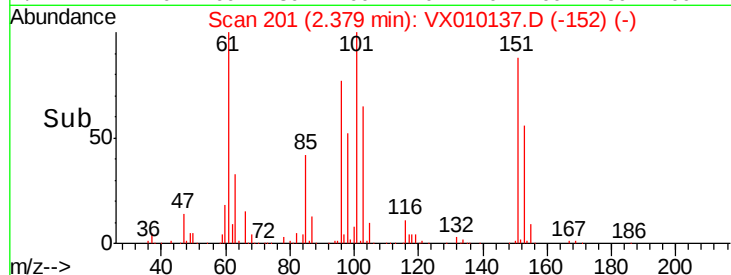
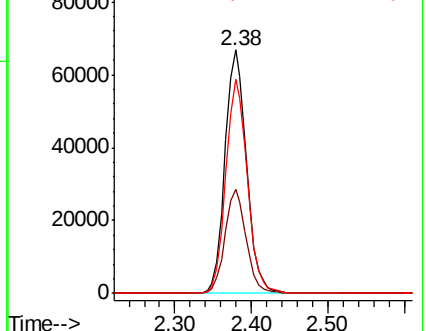
151 87.7 61.9 92.9



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: 48.306 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

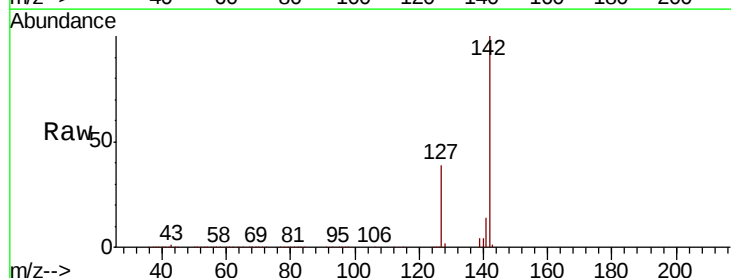
Tgt Ion:142 Resp: 204416

Ion Ratio Lower Upper

142 100

127 38.1 33.0 49.4

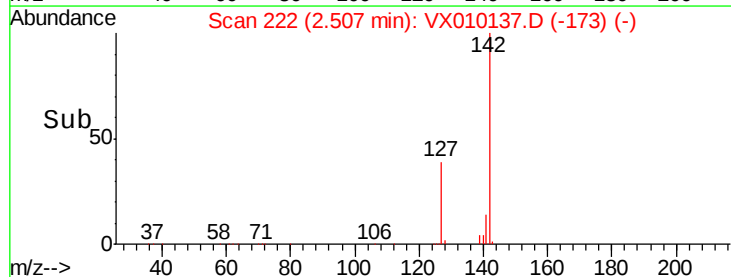
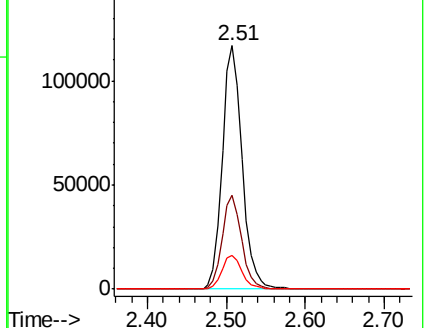
141 14.0 11.4 17.0

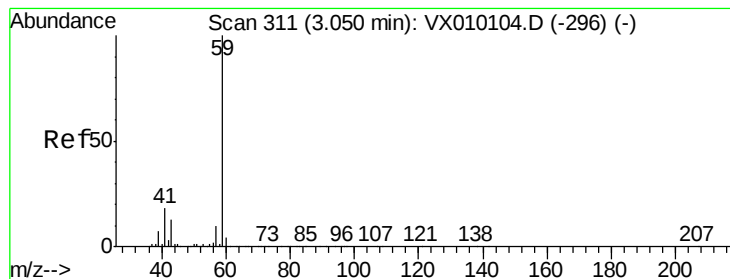


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



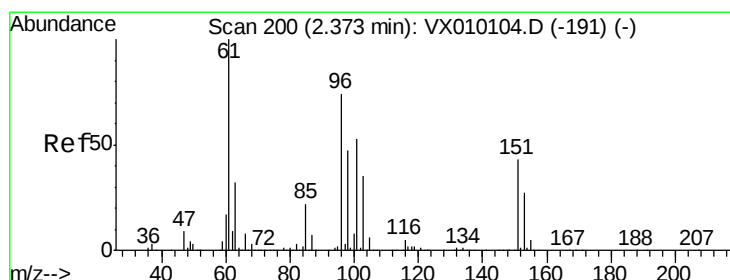
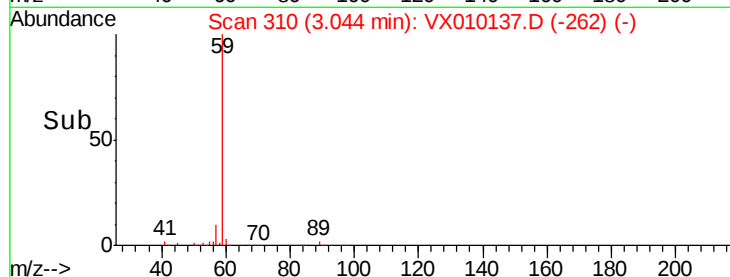
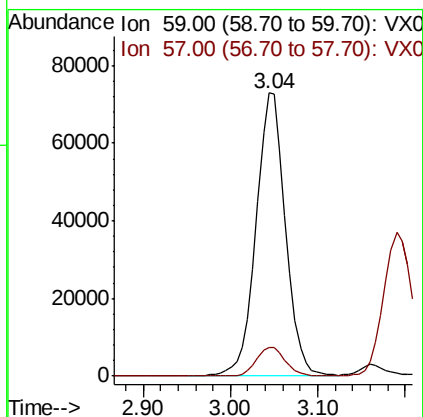
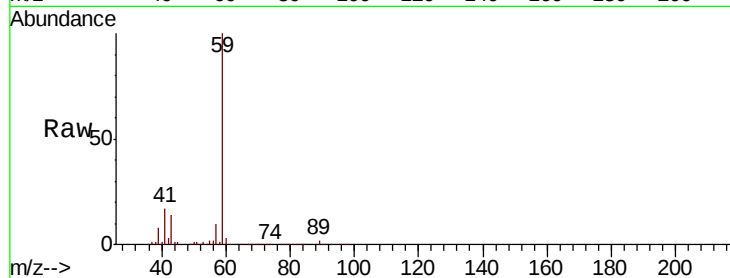


#11

Tert butyl alcohol
Concen: 230.075 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

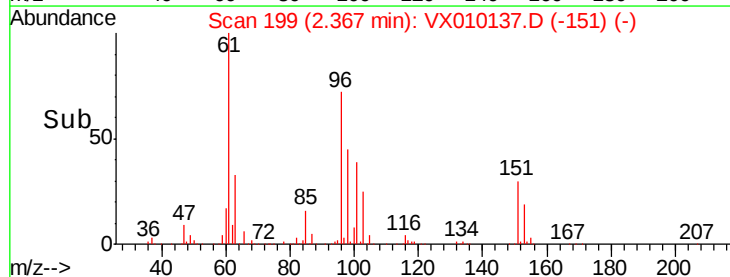
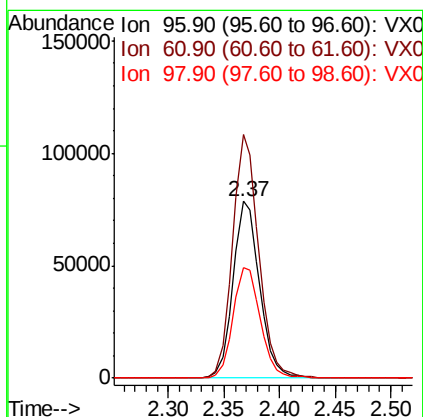
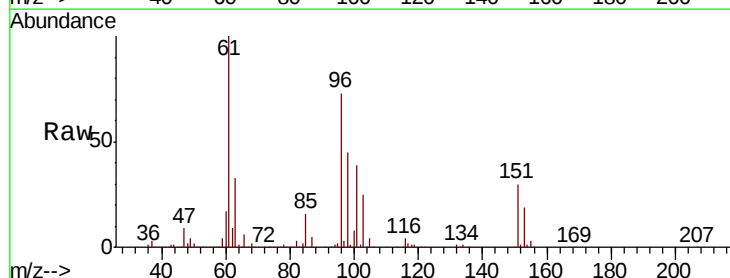
Tgt Ion: 59 Resp: 170865
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2

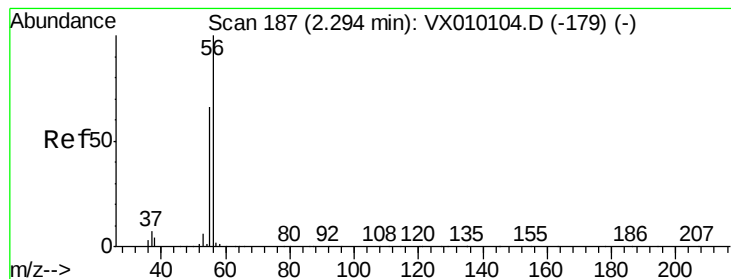


#12

1,1-Dichloroethene
Concen: 46.220 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Tgt Ion: 96 Resp: 128937
Ion Ratio Lower Upper
96 100
61 138.1 140.7 211.1#
98 62.4 50.1 75.1





#13

Acrolein

Concen: 270.827 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

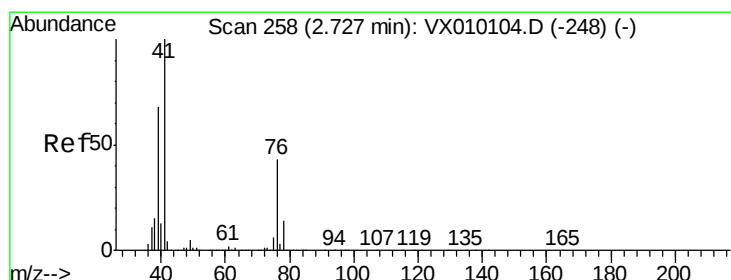
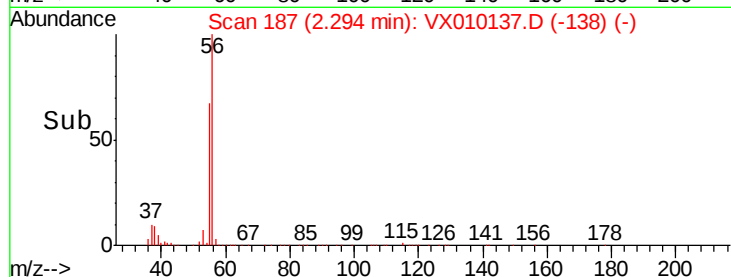
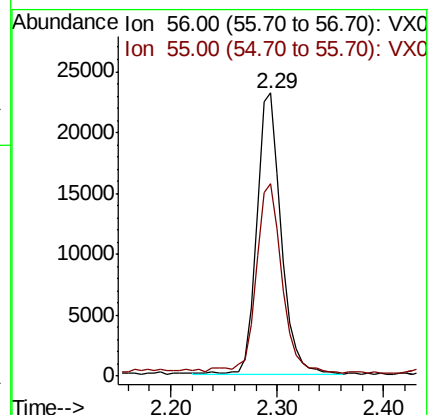
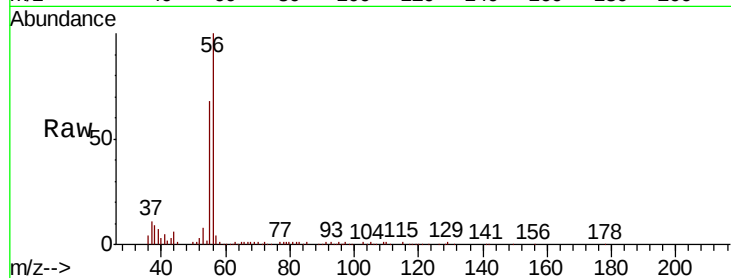
VSTDCCC050

Tgt Ion: 56 Resp: 36674

Ion Ratio Lower Upper

56 100

55 71.0 57.0 85.4



#14

Allyl chloride

Concen: 45.567 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

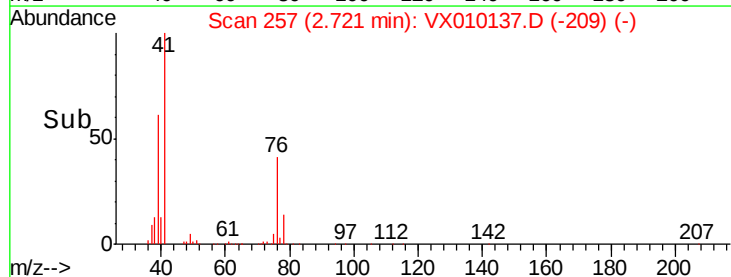
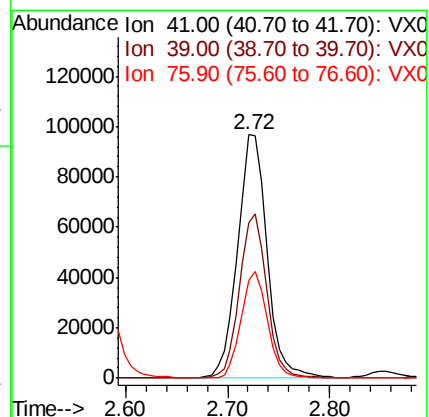
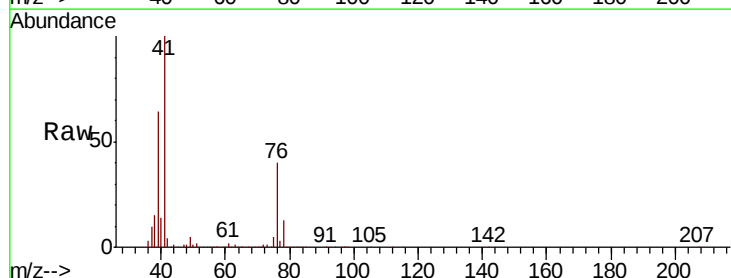
Tgt Ion: 41 Resp: 191879

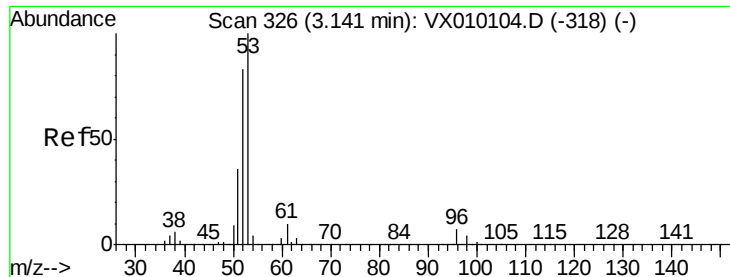
Ion Ratio Lower Upper

41 100

39 62.7 46.7 70.1

76 39.7 21.0 31.4#

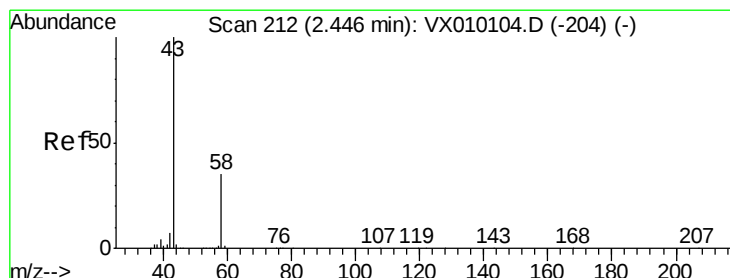
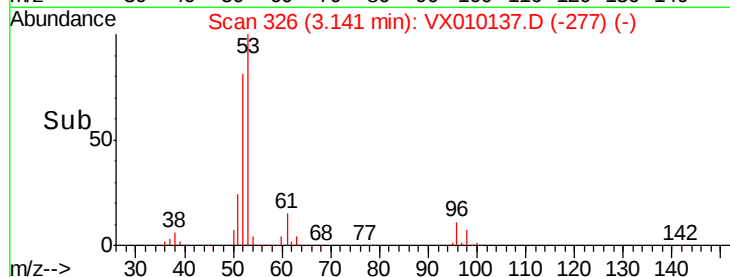
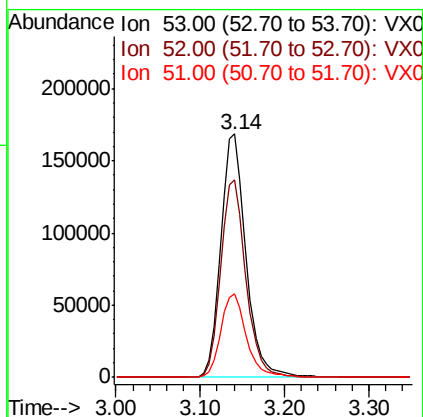
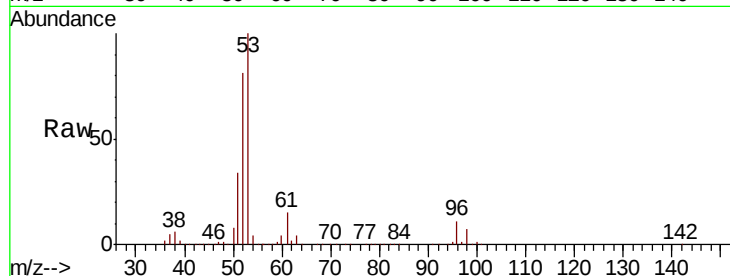




#15
Acrylonitrile
Concen: 227.828 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

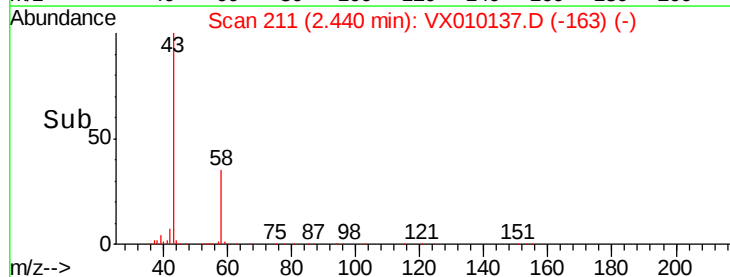
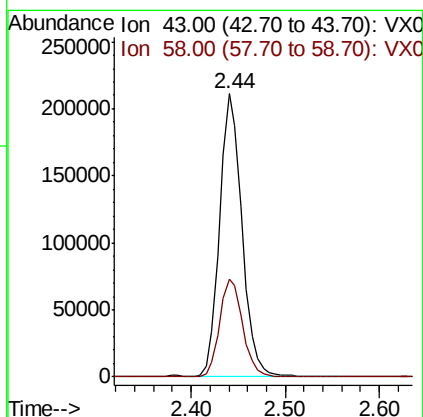
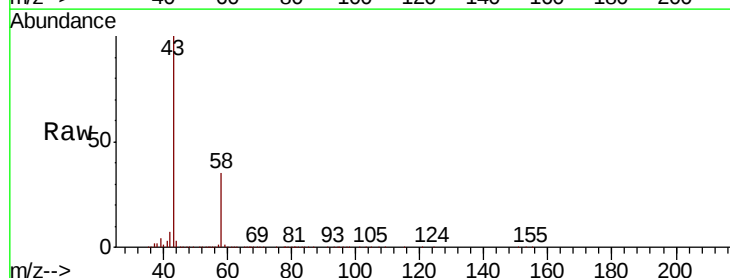
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

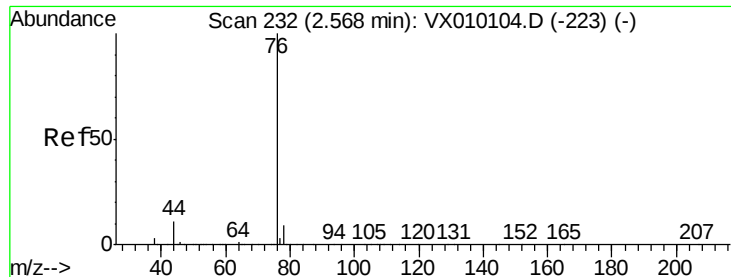
Tgt Ion: 53 Resp: 345834
Ion Ratio Lower Upper
53 100
52 81.4 66.7 100.1
51 34.9 28.8 43.2



#16
Acetone
Concen: 242.610 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Tgt Ion: 43 Resp: 345930
Ion Ratio Lower Upper
43 100
58 34.8 23.2 34.8





#17

Carbon Disulfide

Concen: 44.628 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

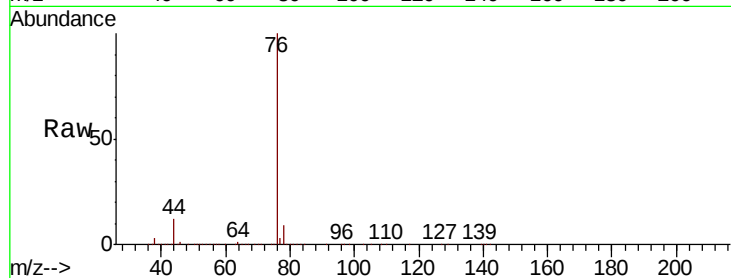
VSTDCCC050

Tgt Ion: 76 Resp: 359721

Ion Ratio Lower Upper

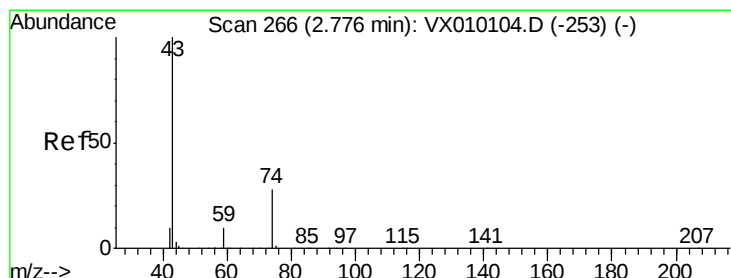
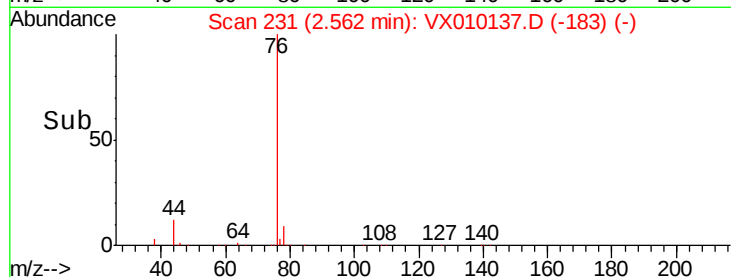
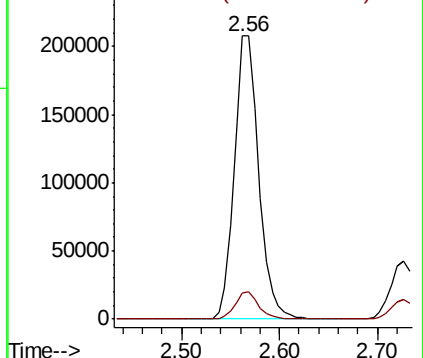
76 100

78 9.0 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: 44.020 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010137.D

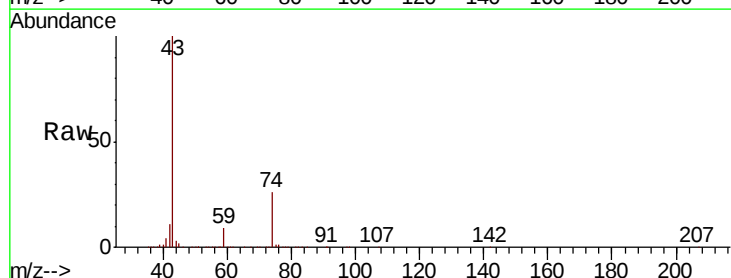
Acq: 08 Jun 2019 14:38

Tgt Ion: 43 Resp: 138036

Ion Ratio Lower Upper

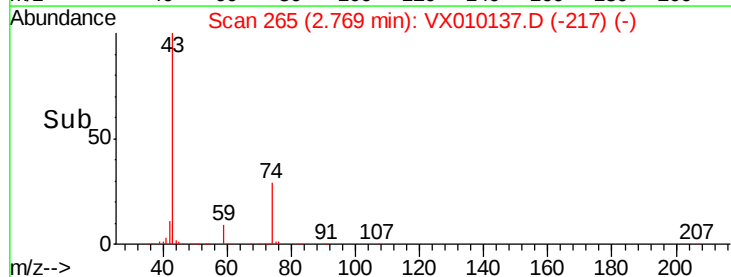
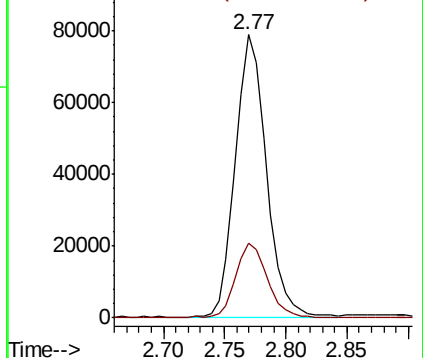
43 100

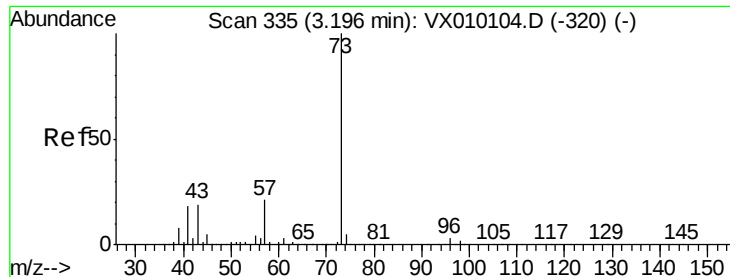
74 27.5 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

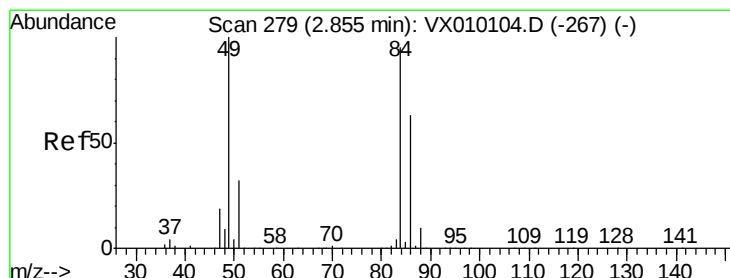
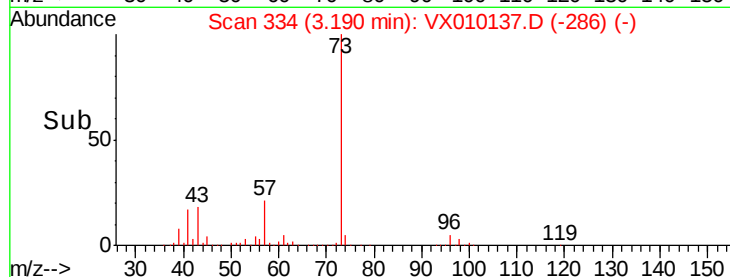
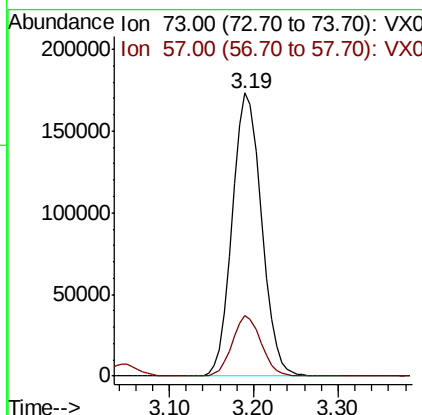
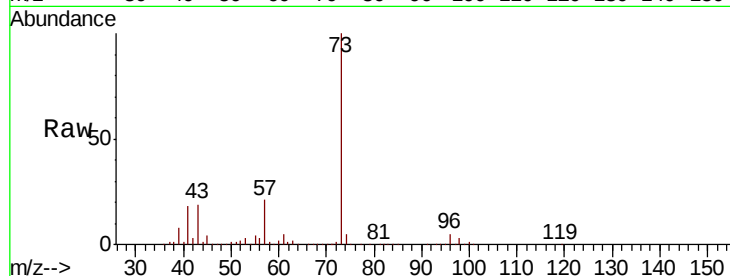




#19
Methyl tert-butyl Ether
Concen: 45.498 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

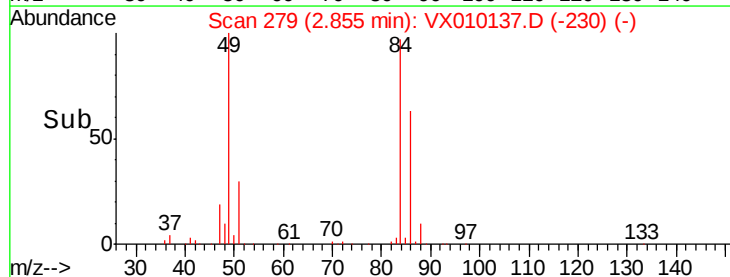
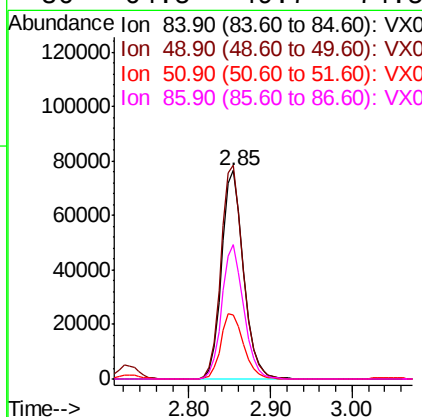
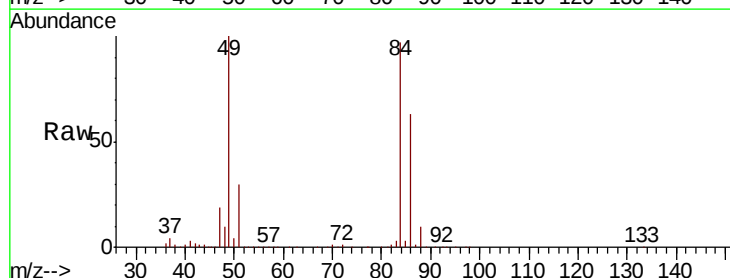
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

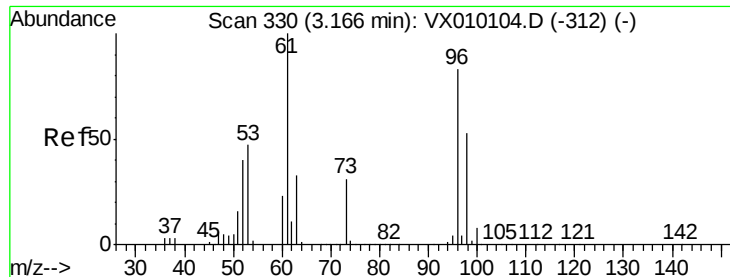
Tgt Ion: 73 Resp: 407761
Ion Ratio Lower Upper
73 100
57 21.3 19.4 29.2



#20
Methylene Chloride
Concen: 45.615 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Tgt Ion: 84 Resp: 142841
Ion Ratio Lower Upper
84 100
49 102.5 115.8 173.6#
51 30.8 34.4 51.6#
86 64.5 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 45.229 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

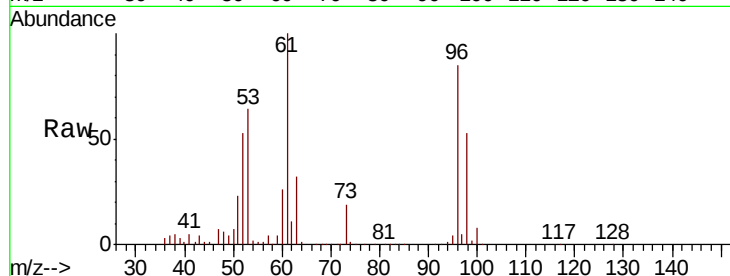
Tgt Ion: 96 Resp: 139630

Ion Ratio Lower Upper

96 100

61 117.9 125.7 188.5#

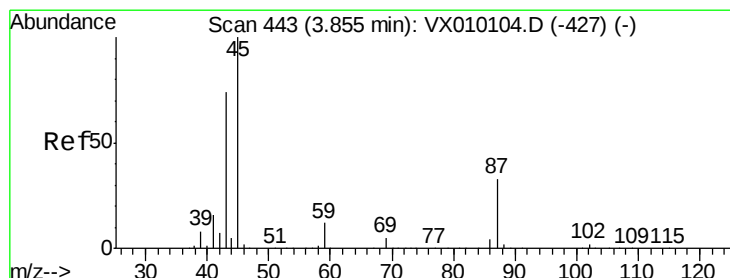
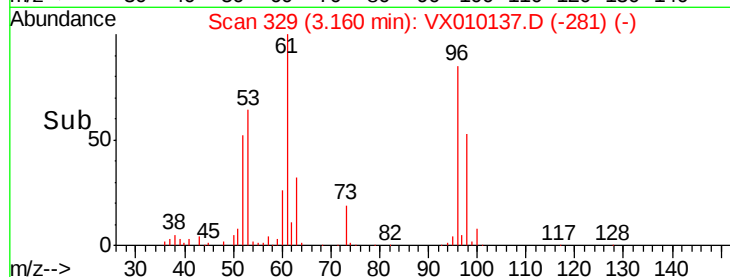
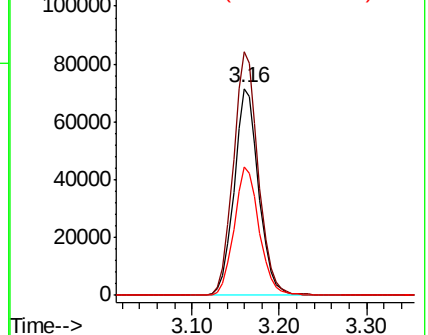
98 61.9 49.0 73.6



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: 47.329 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Tgt Ion: 45 Resp: 381044

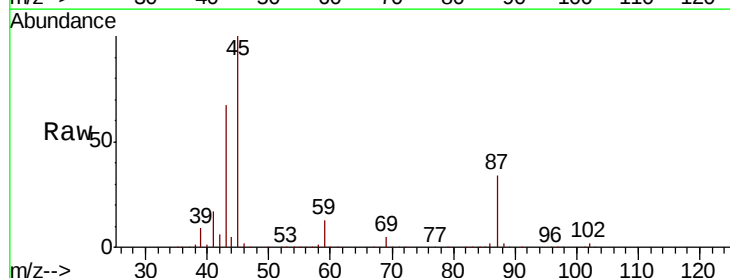
Ion Ratio Lower Upper

45 100

43 66.2 65.0 97.4

87 33.8 17.3 25.9#

59 13.0 8.1 12.1#

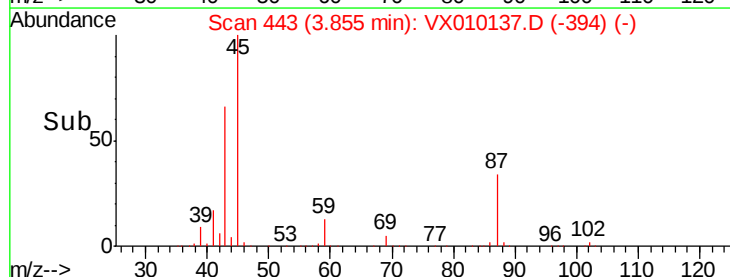
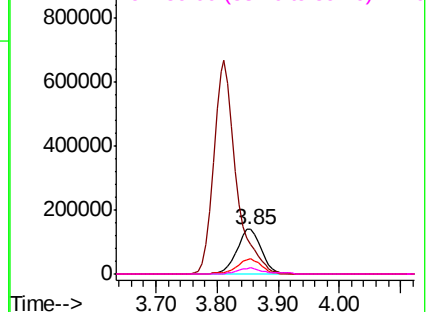


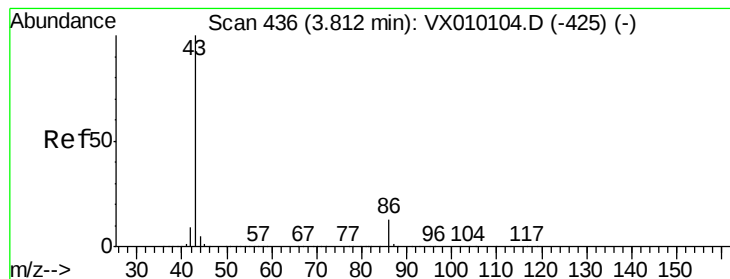
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 237.839 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

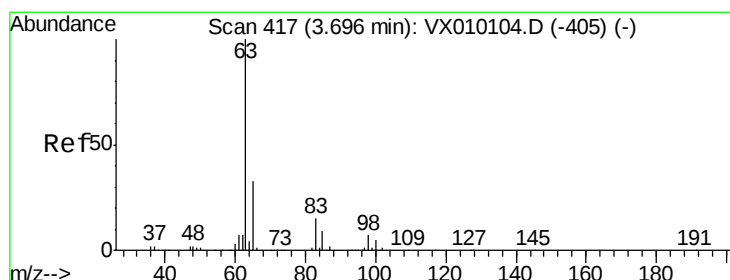
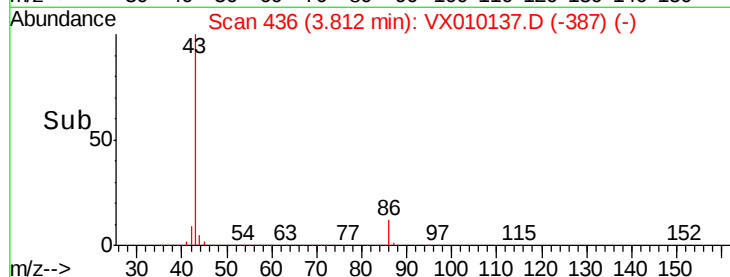
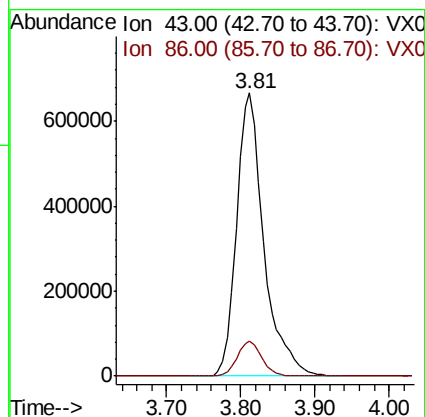
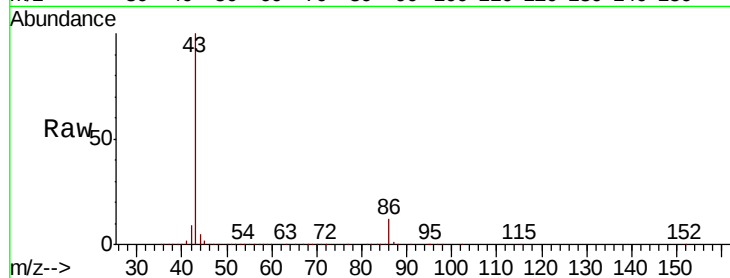
VSTDCCC050

Tgt Ion: 43 Resp: 1708233

Ion Ratio Lower Upper

43 100

86 12.4 6.5 9.7#



#24

1,1-Dichloroethane

Concen: 45.875 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

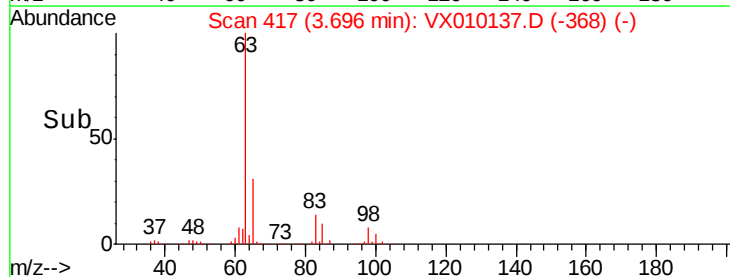
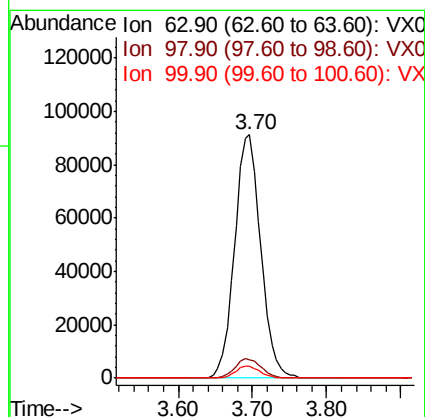
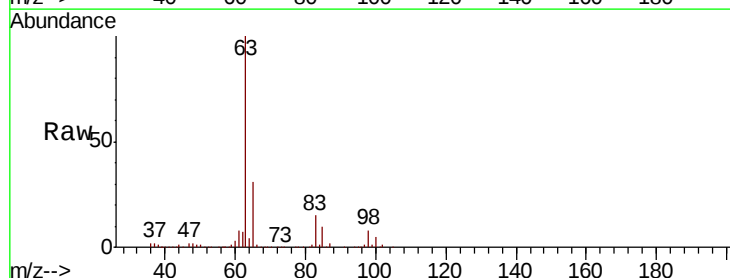
Tgt Ion: 63 Resp: 224248

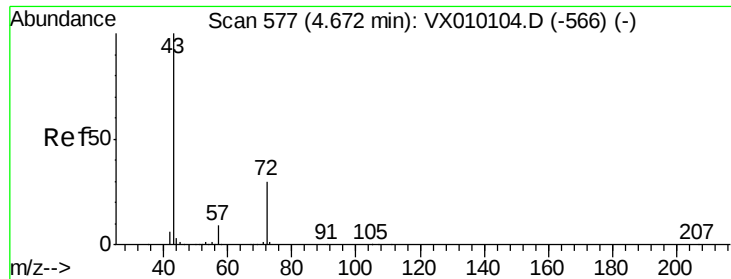
Ion Ratio Lower Upper

63 100

98 7.8 2.9 8.8

100 5.1 1.8 5.4





#25

2-Butanone

Concen: 237.185 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

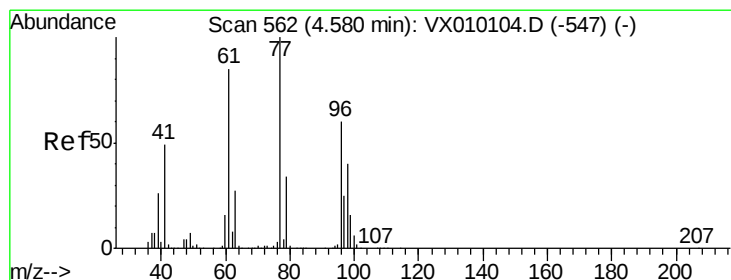
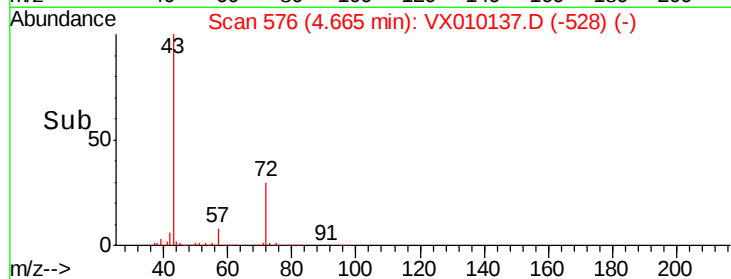
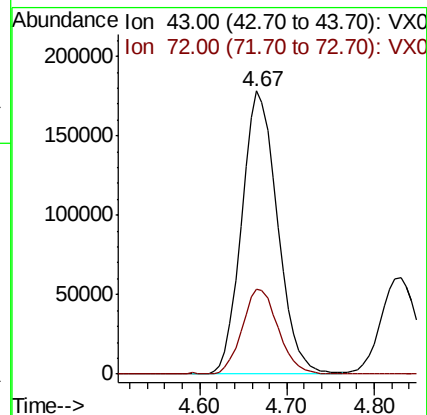
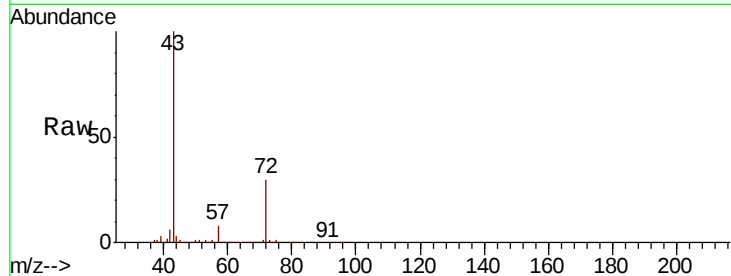
VSTDCCC050

Tgt Ion: 43 Resp: 503603

Ion Ratio Lower Upper

43 100

72 30.0 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 46.364 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010137.D

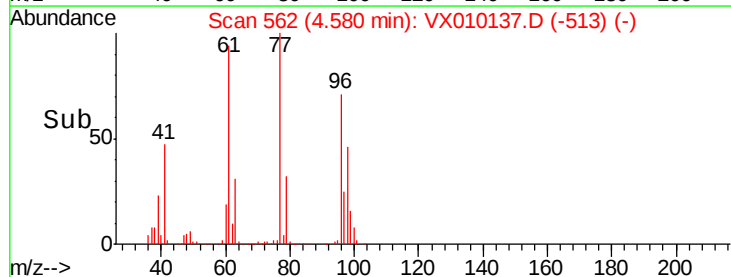
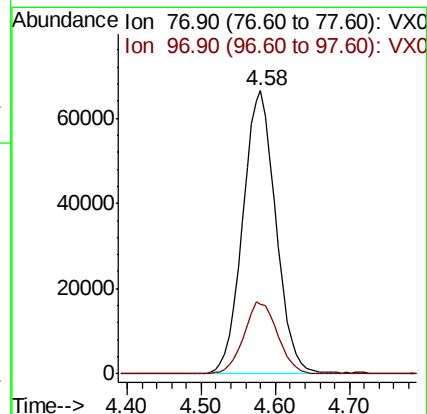
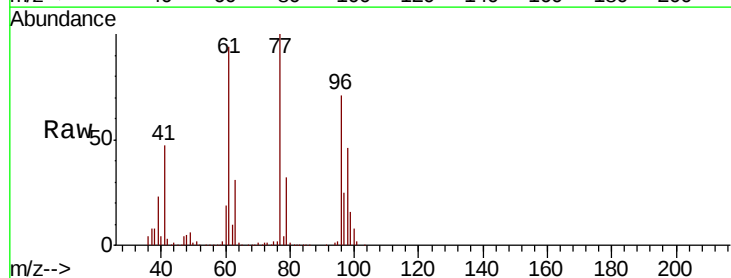
Acq: 08 Jun 2019 14:38

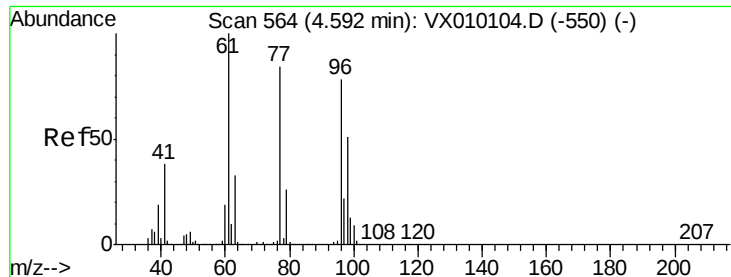
Tgt Ion: 77 Resp: 206755

Ion Ratio Lower Upper

77 100

97 26.0 11.4 34.2



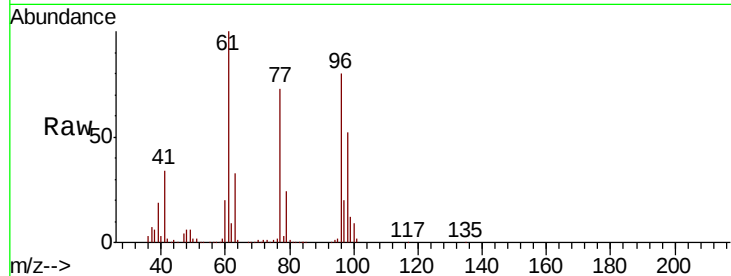


#27

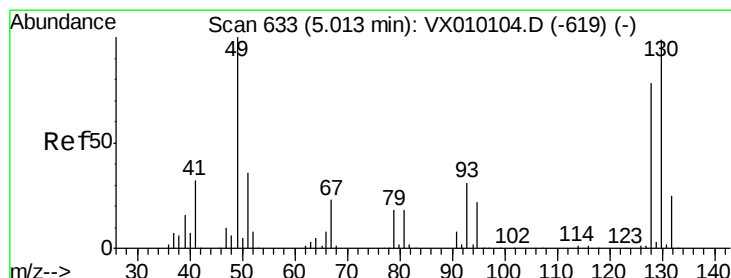
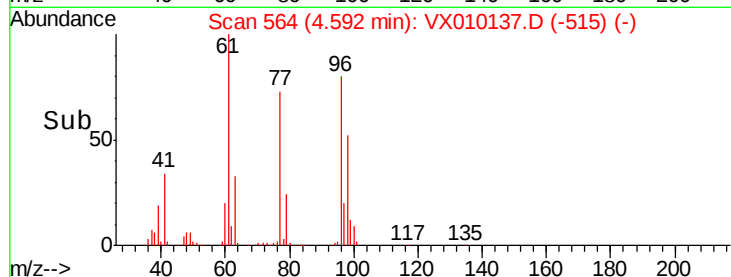
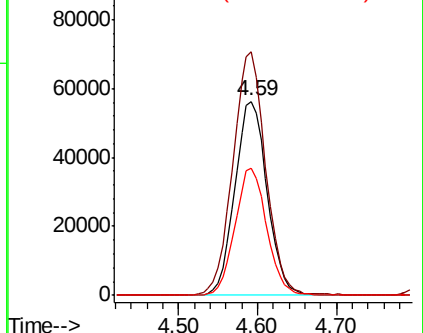
cis-1,2-Dichloroethene
Concen: 46.716 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 160442
Ion Ratio Lower Upper
96 100
61 127.6 0.0 334.0
98 64.7 0.0 131.6



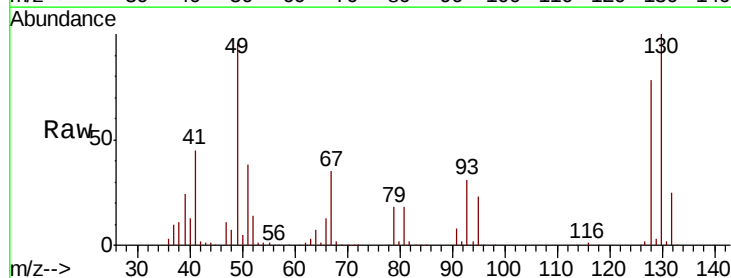
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



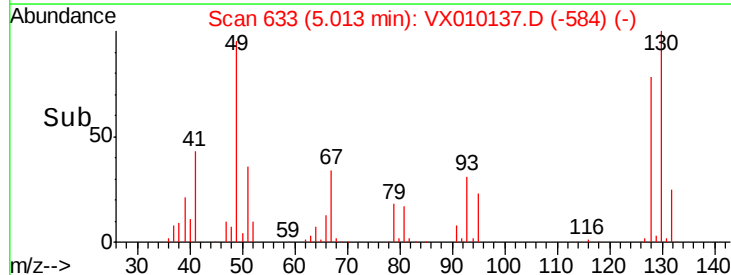
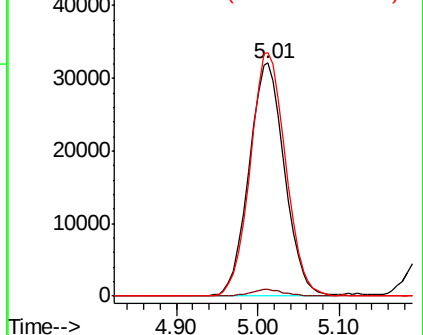
#28

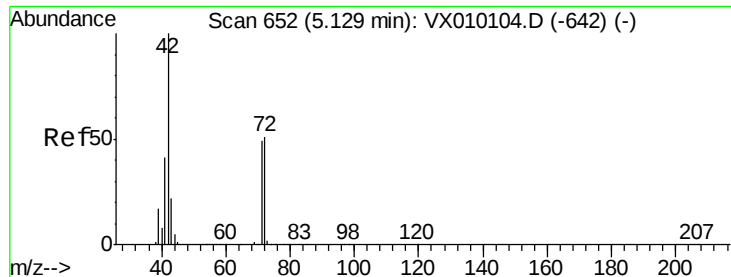
Bromochloromethane
Concen: 44.534 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Tgt Ion: 49 Resp: 97562
Ion Ratio Lower Upper
49 100
129 2.7 0.0 3.4
130 103.9 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

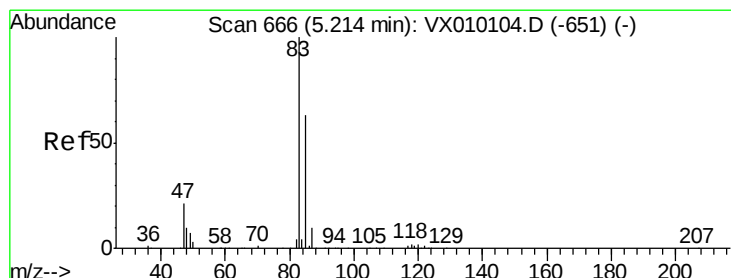
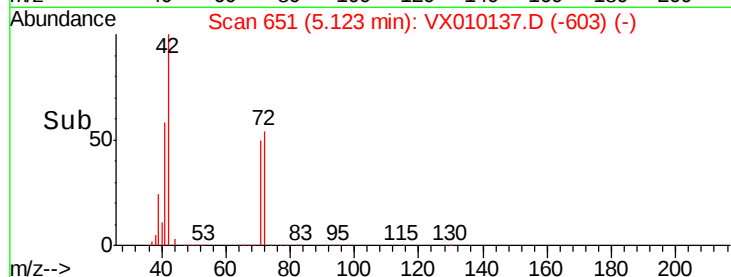
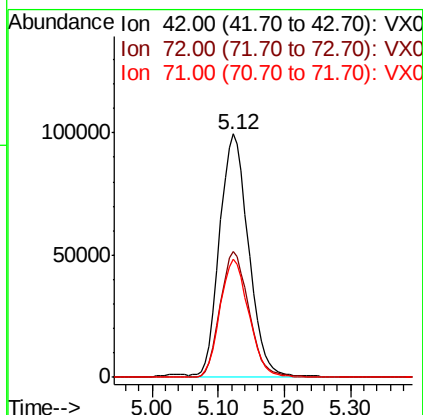
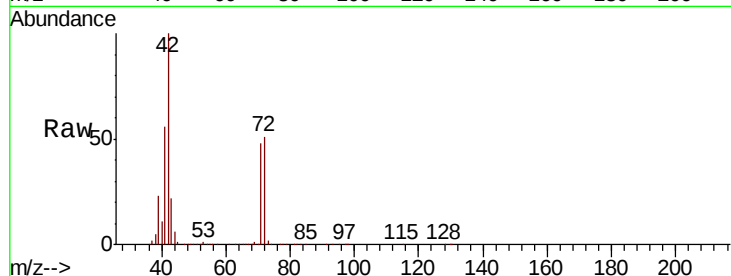




#29
Tetrahydrofuran
Concen: 226.198 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

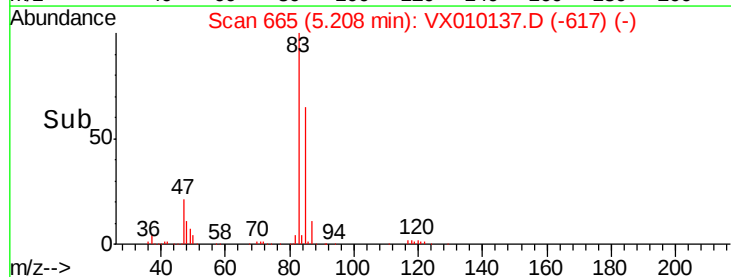
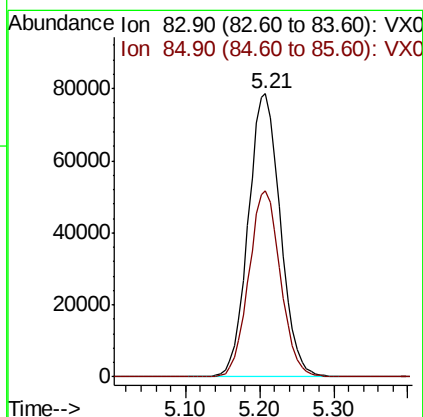
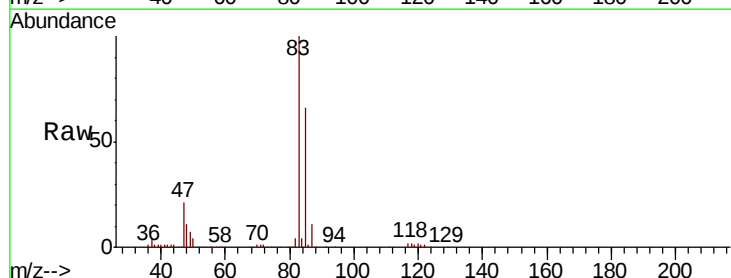
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

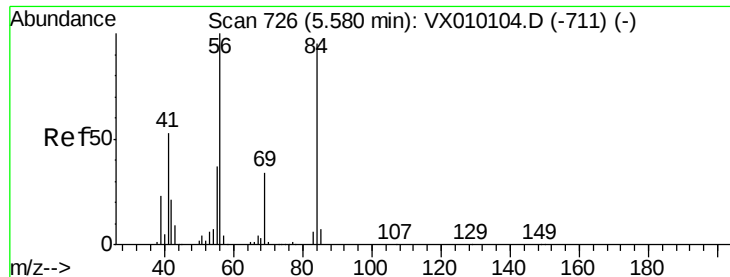
Tgt Ion: 42 Resp: 301831
Ion Ratio Lower Upper
42 100
72 52.0 29.2 43.8#
71 48.4 27.6 41.4#



#30
Chloroform
Concen: 46.825 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Tgt Ion: 83 Resp: 237711
Ion Ratio Lower Upper
83 100
85 65.5 52.6 78.8

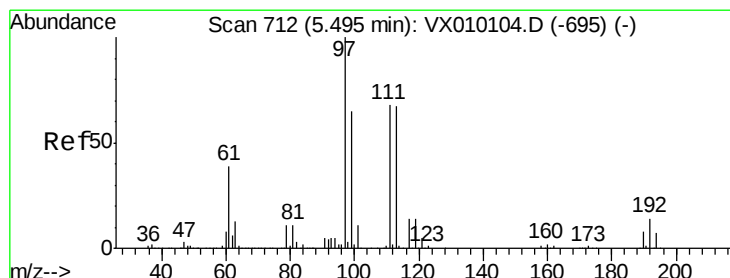
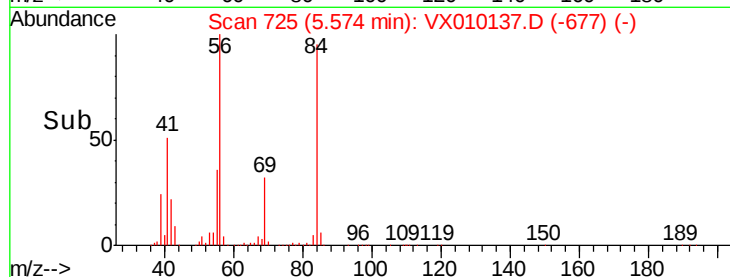
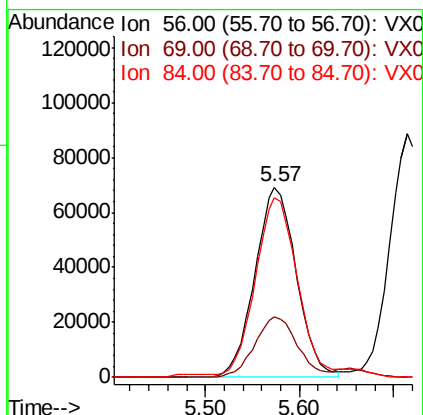
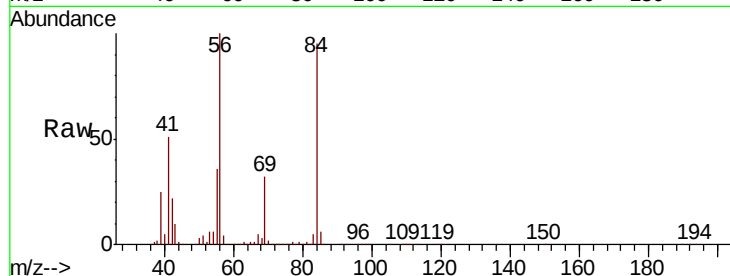




#31
Cyclohexane
Concen: 48.173 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

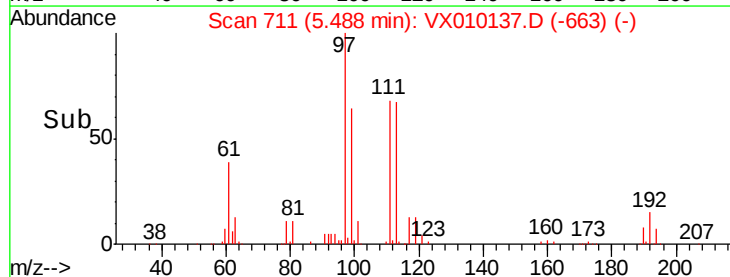
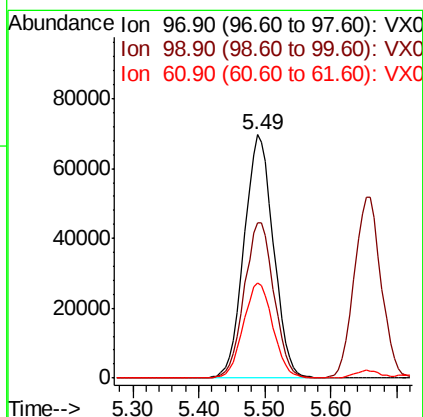
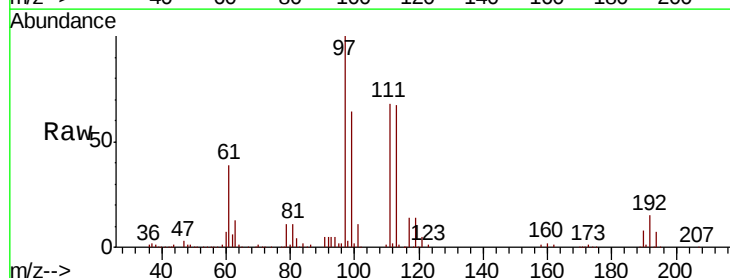
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

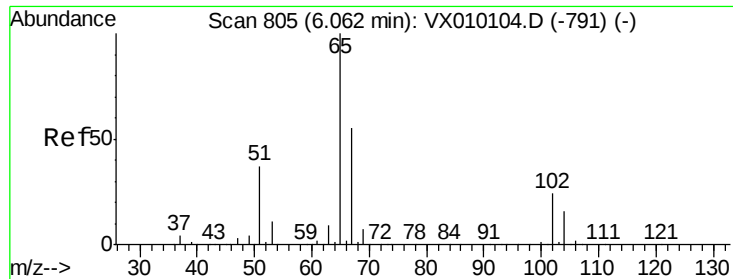
Tgt Ion: 56 Resp: 212520
Ion Ratio Lower Upper
56 100
69 32.0 21.6 32.4
84 93.1 56.8 85.2#



#32
1,1,1-Trichloroethane
Concen: 45.137 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Tgt Ion: 97 Resp: 215418
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 39.5 38.7 58.1

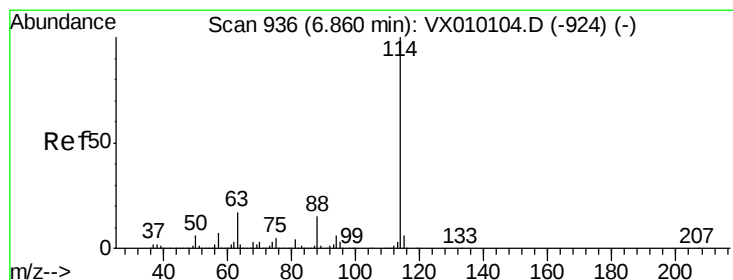
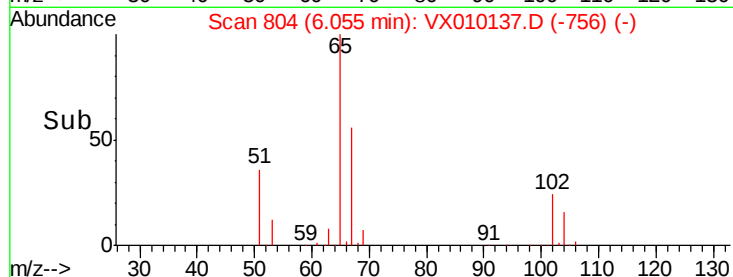
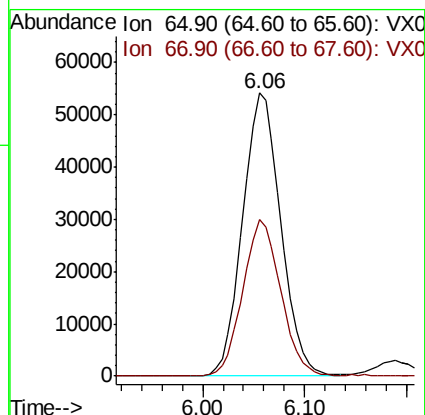
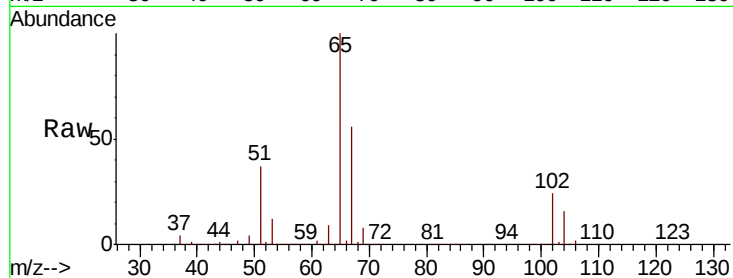




#33
 1,2-Dichloroethane-d4
 Concen: 46.483 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010137.D
 Acq: 08 Jun 2019 14:38

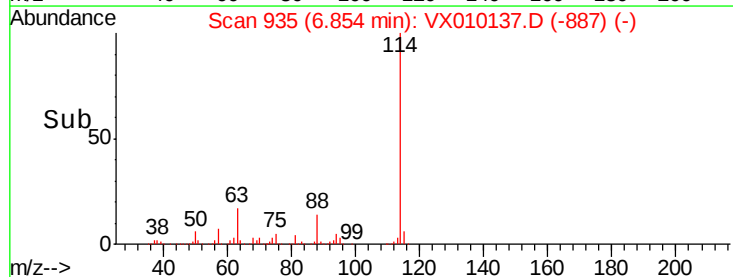
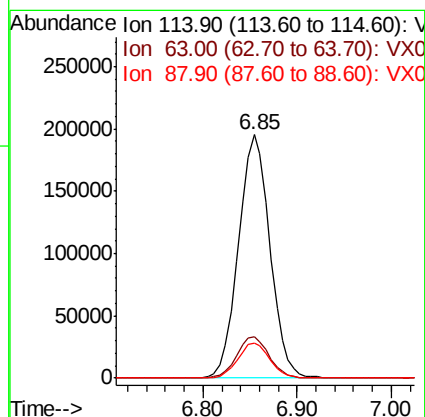
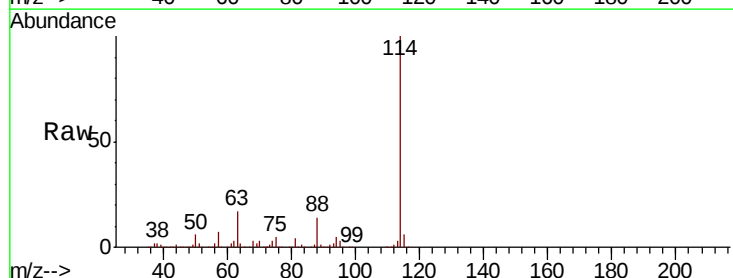
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

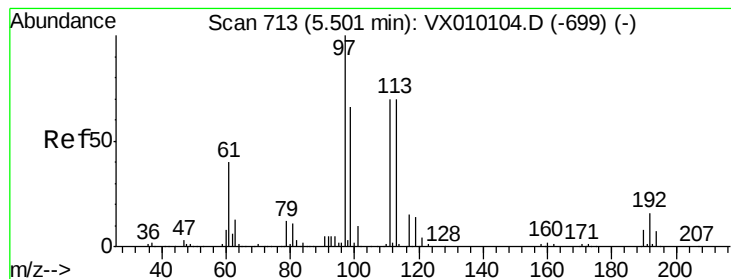
Tgt Ion: 65 Resp: 140915
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010137.D
 Acq: 08 Jun 2019 14:38

Tgt Ion: 114 Resp: 451936
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 47.4
 88 14.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.057 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

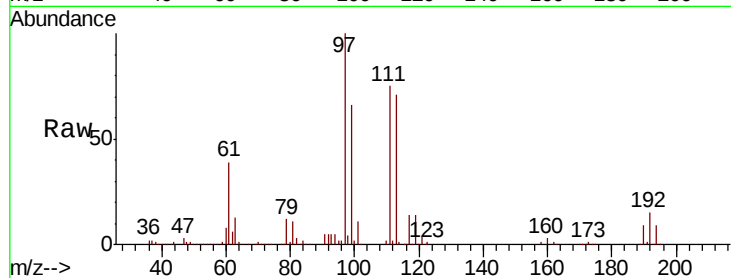
Tgt Ion:113 Resp: 139541

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

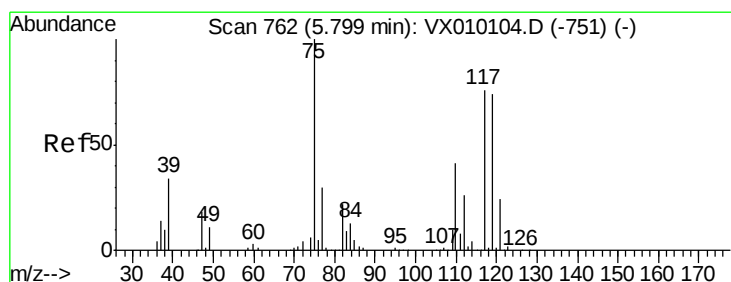
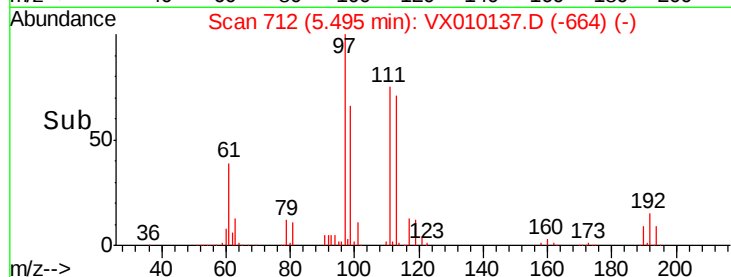
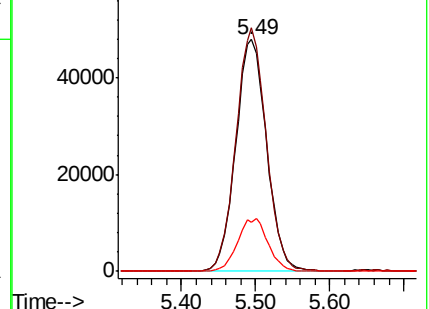
192 22.5 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.079 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

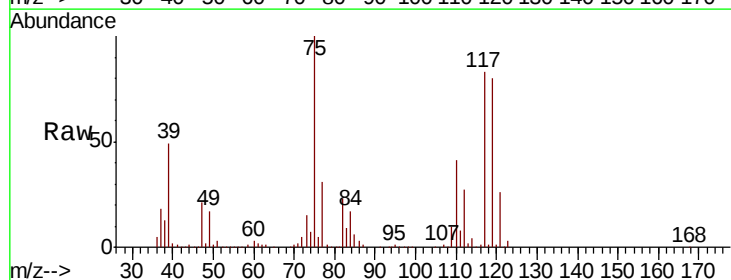
Tgt Ion: 75 Resp: 177272

Ion Ratio Lower Upper

75 100

110 41.2 16.7 50.1

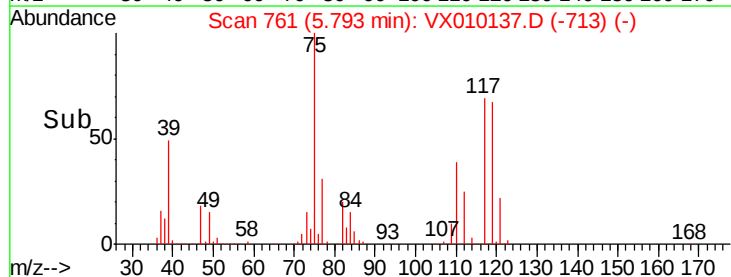
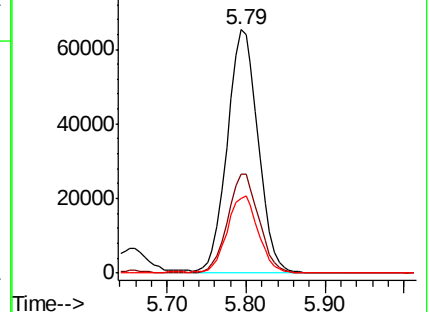
77 32.3 25.0 37.4

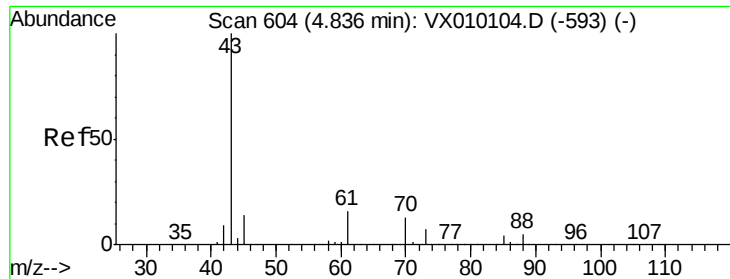


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 46.570 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

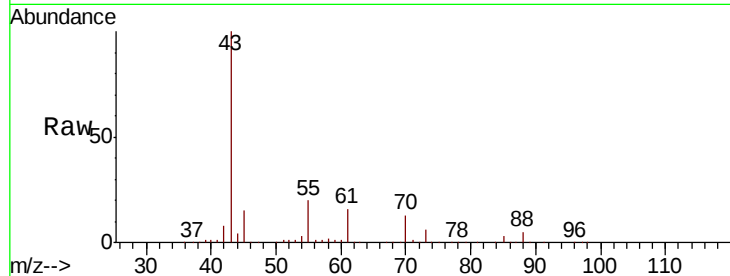
Tgt Ion: 43 Resp: 178658

Ion Ratio Lower Upper

43 100

61 16.2 10.2 15.2#

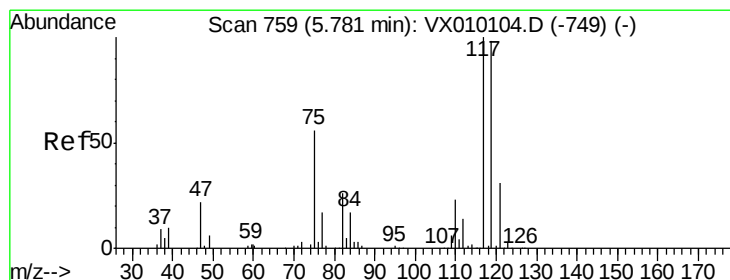
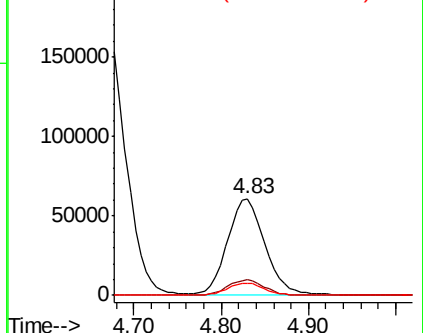
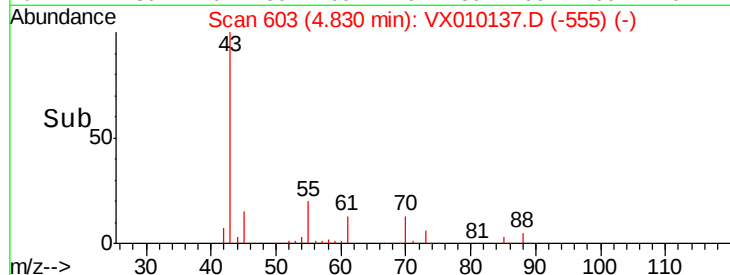
70 12.6 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 47.885 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

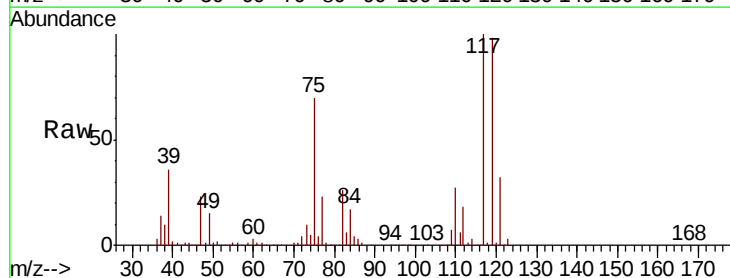
Tgt Ion: 117 Resp: 199843

Ion Ratio Lower Upper

117 100

119 98.2 77.3 115.9

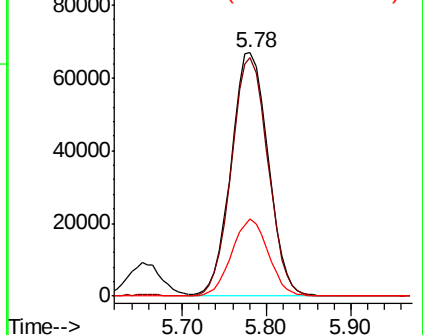
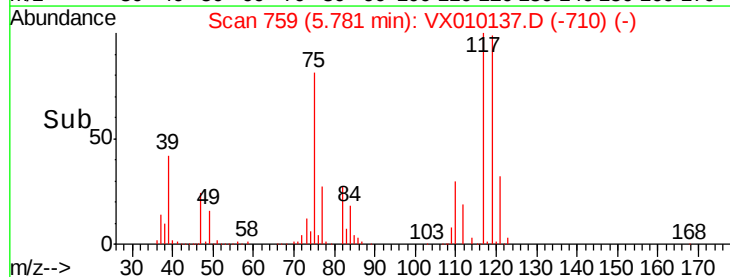
121 32.0 25.4 38.0

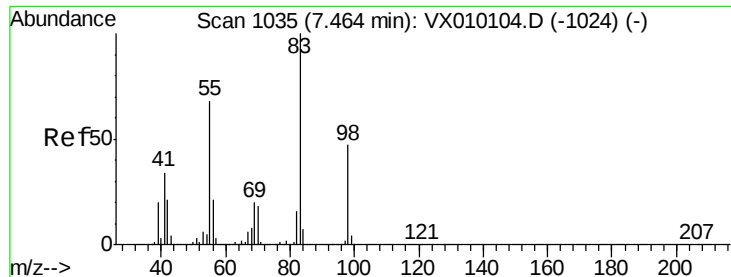


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

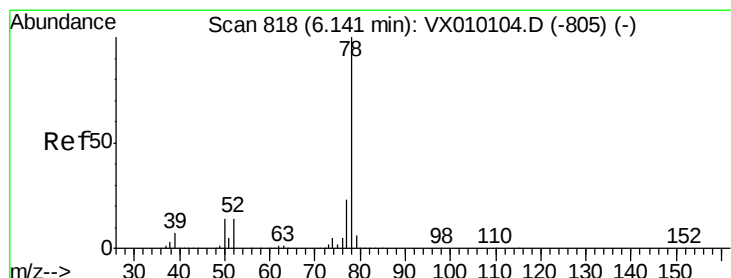
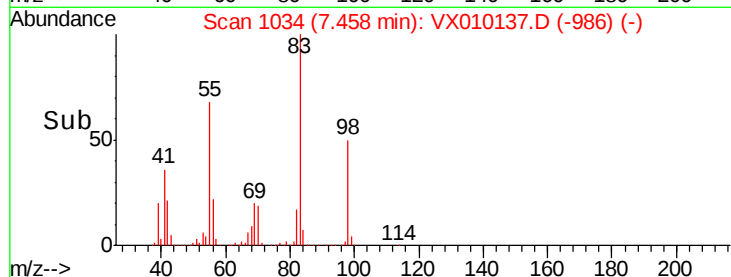
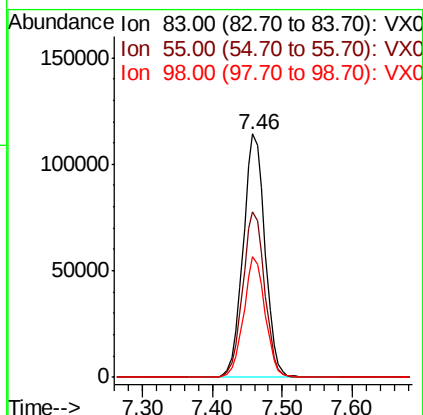
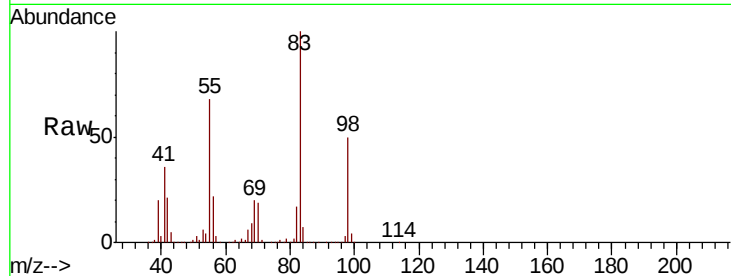




#39
Methylcyclohexane
Concen: 49.313 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

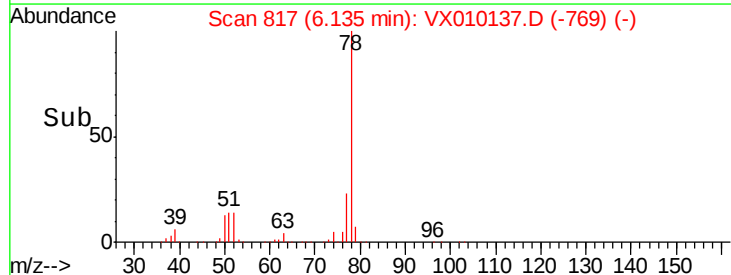
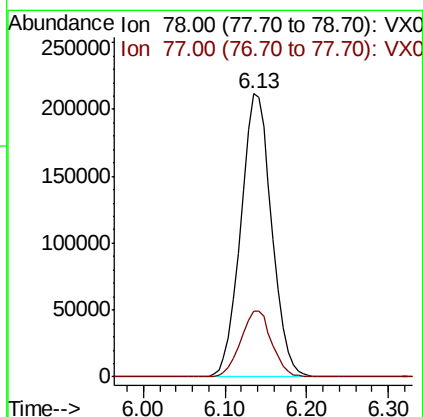
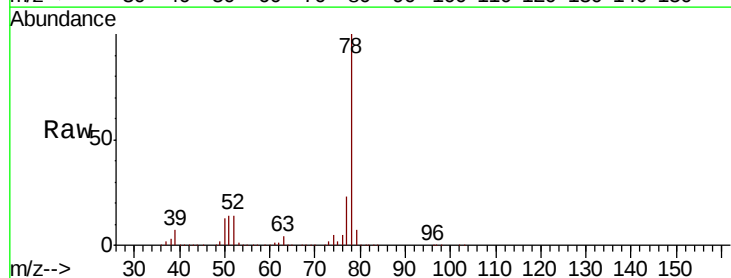
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

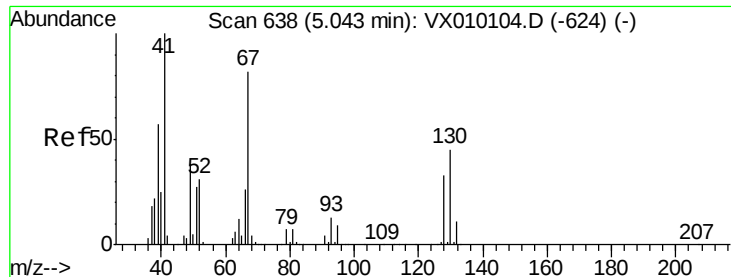
Tgt Ion: 83 Resp: 247585
Ion Ratio Lower Upper
83 100
55 67.9 69.9 104.9#
98 49.5 35.1 52.7



#40
Benzene
Concen: 48.846 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Tgt Ion: 78 Resp: 556906
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8





#41

Methacrylonitrile

Concen: 47.272 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 98100

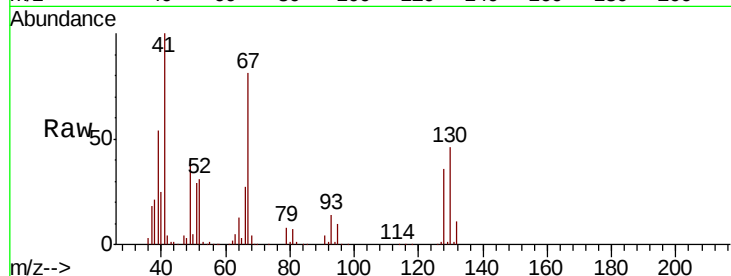
Ion Ratio Lower Upper

41 100

39 53.9 42.2 63.4

67 83.4 48.9 73.3#

52 31.4 20.1 30.1#

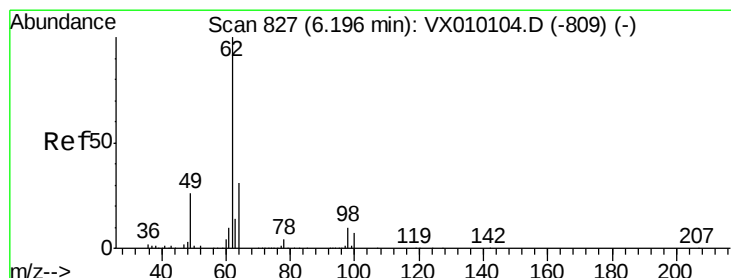
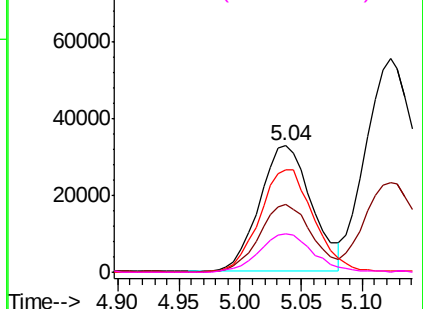
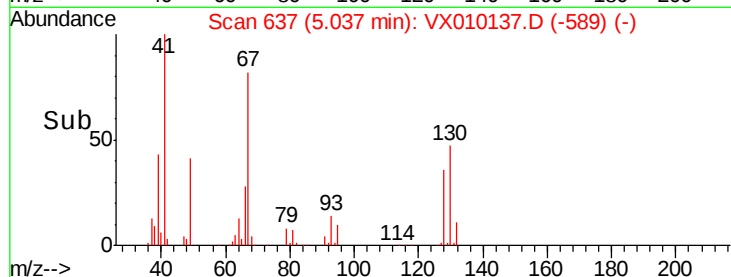


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.215 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010137.D

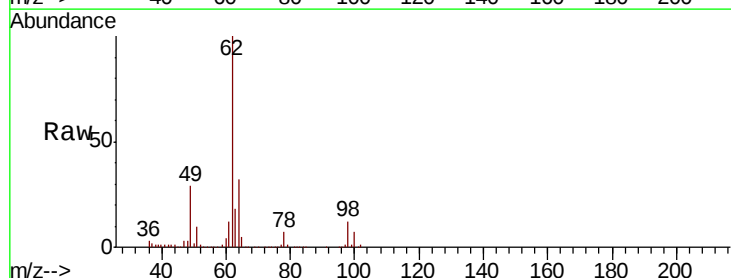
Acq: 08 Jun 2019 14:38

Tgt Ion: 62 Resp: 171857

Ion Ratio Lower Upper

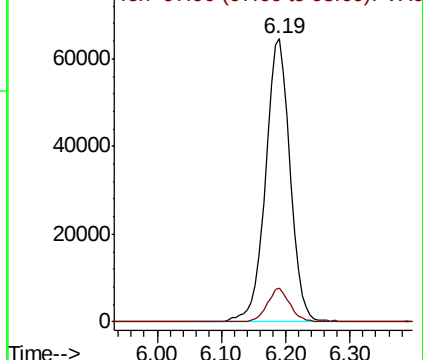
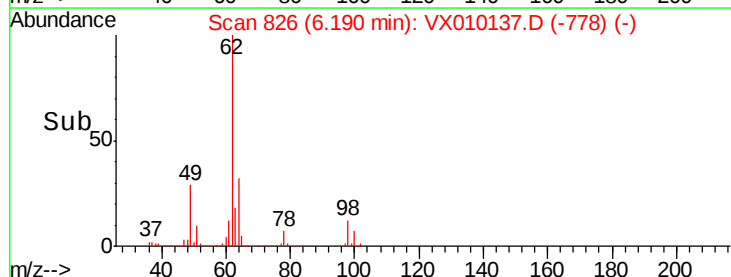
62 100

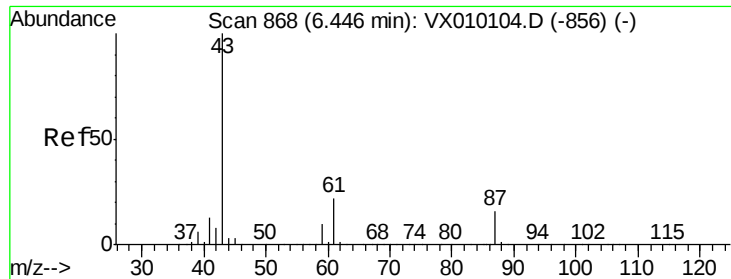
98 11.1 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.974 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

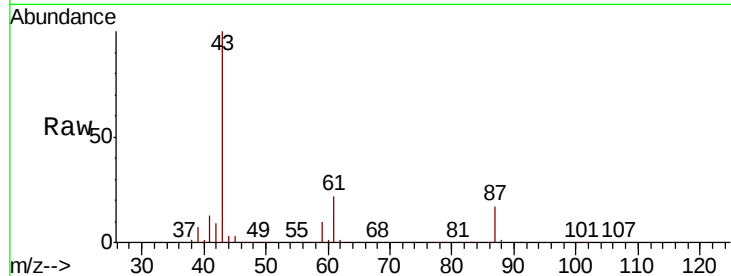
Tgt Ion: 43 Resp: 301308

Ion Ratio Lower Upper

43 100

61 22.4 14.6 21.8#

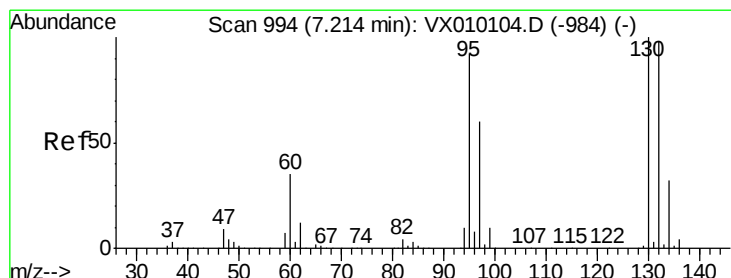
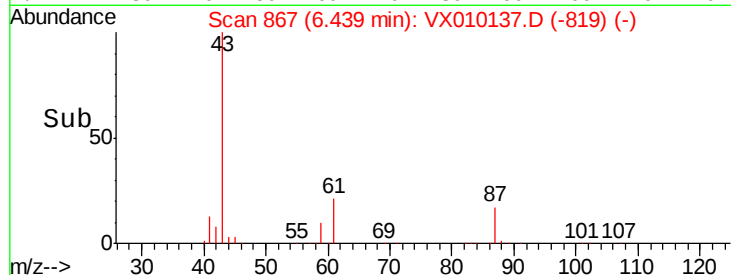
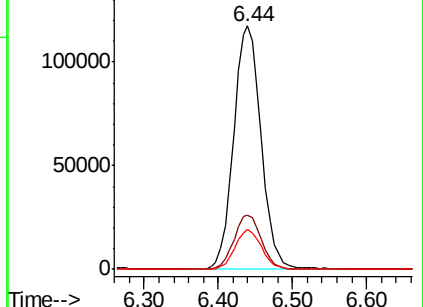
87 16.2 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.690 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010137.D

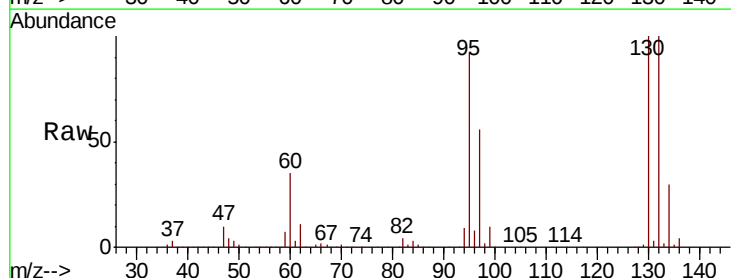
Acq: 08 Jun 2019 14:38

Tgt Ion: 130 Resp: 167332

Ion Ratio Lower Upper

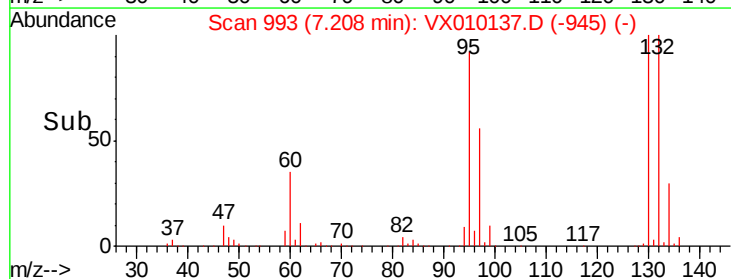
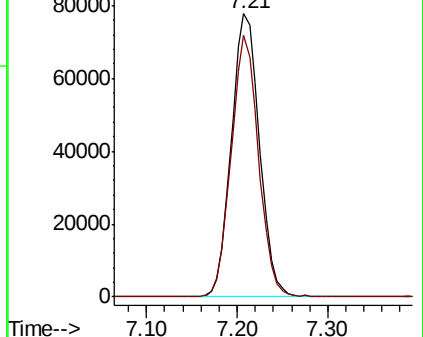
130 100

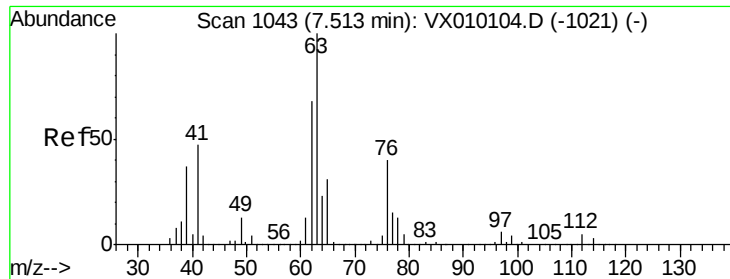
95 92.2 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

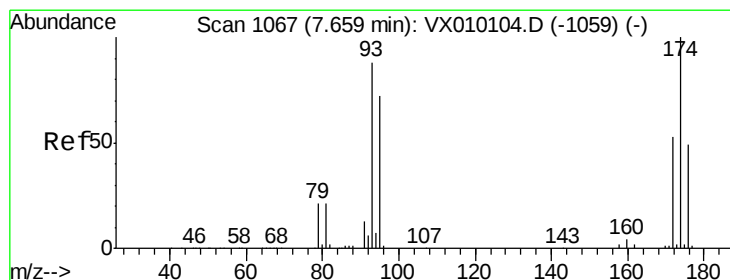
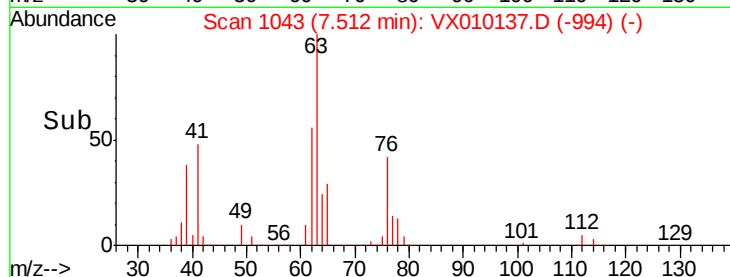
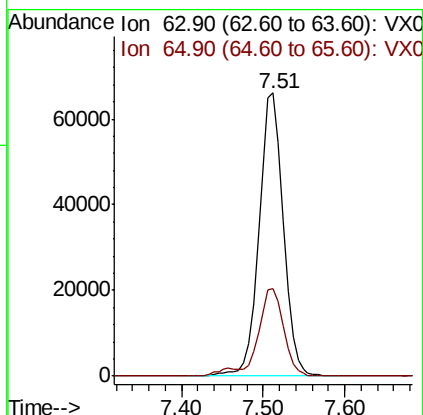
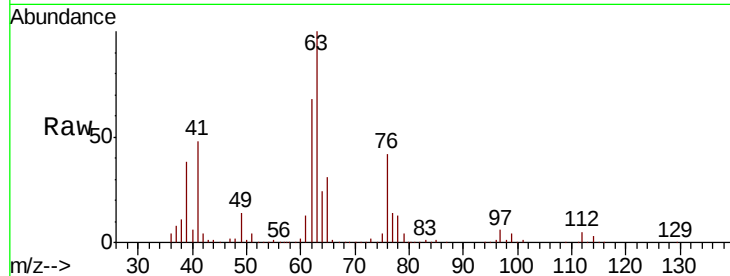




#45
 1,2-Dichloropropane
 Concen: 48.341 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010137.D
 Acq: 08 Jun 2019 14:38

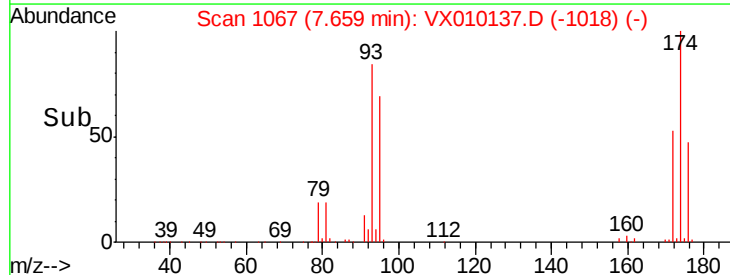
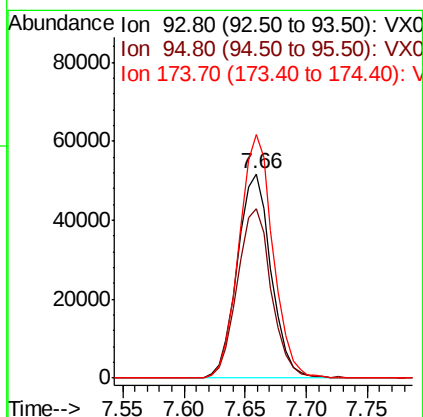
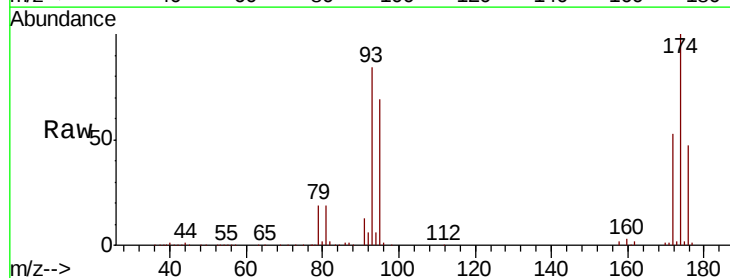
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

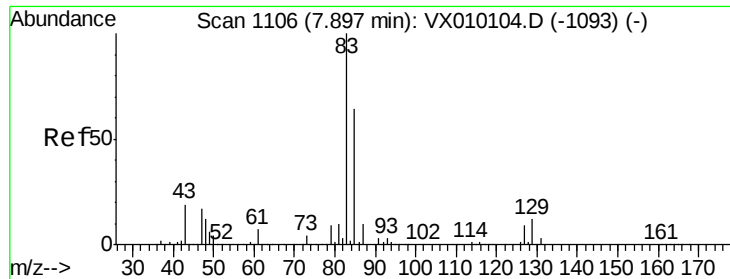
Tgt Ion: 63 Resp: 137948
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.7 38.5



#46
 Dibromomethane
 Concen: 46.302 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010137.D
 Acq: 08 Jun 2019 14:38

Tgt Ion: 93 Resp: 98989
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.8 100.2
 174 119.8 81.9 122.9





#47

Bromodichloromethane

Concen: 47.648 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

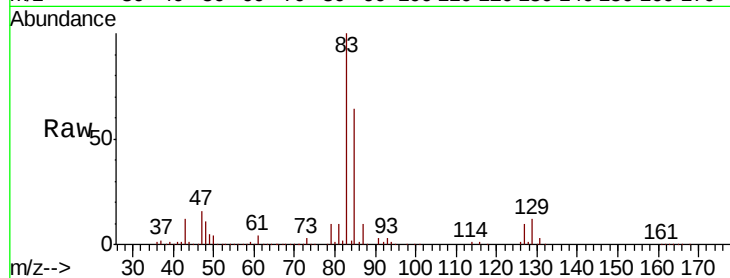
Tgt Ion: 83 Resp: 190348

Ion Ratio Lower Upper

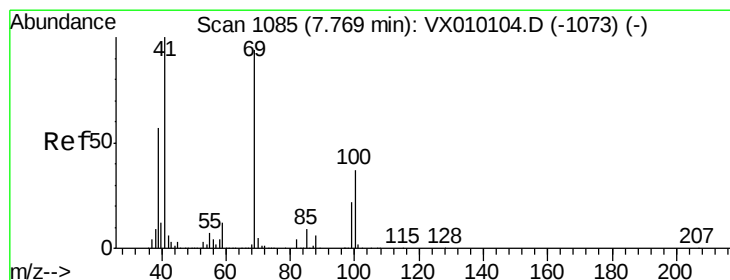
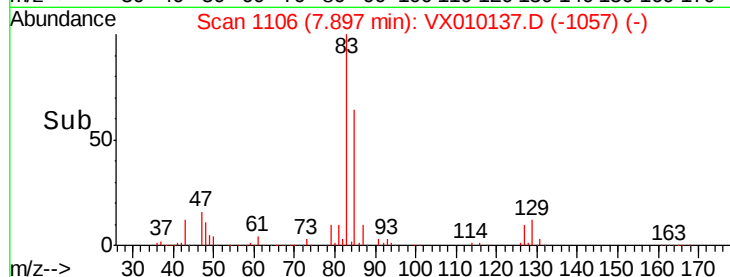
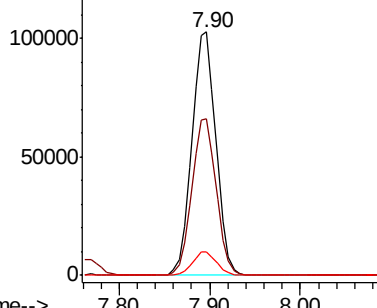
83 100

85 64.4 51.4 77.2

127 9.8 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: 47.837 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

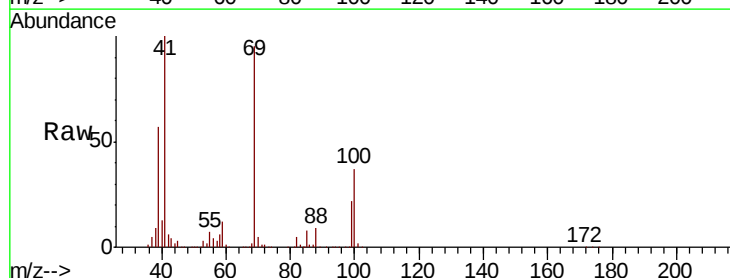
Tgt Ion: 41 Resp: 143501

Ion Ratio Lower Upper

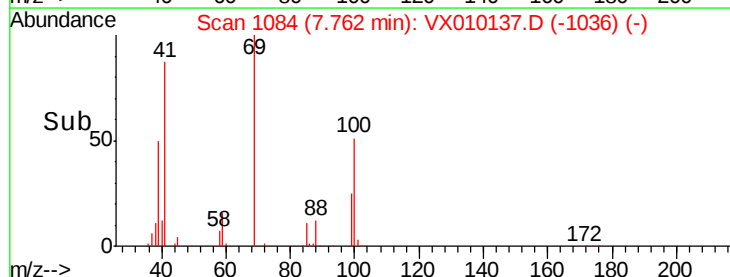
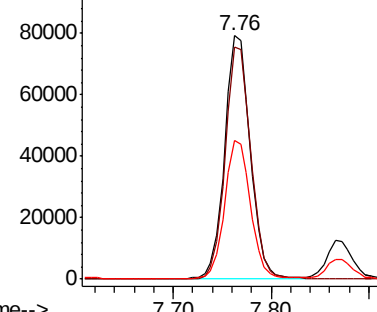
41 100

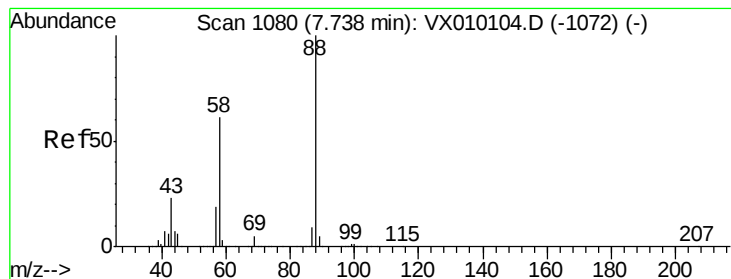
69 95.6 56.4 84.6#

39 57.1 40.6 60.8



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





#49

1,4-Dioxane

Concen: 942.468 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

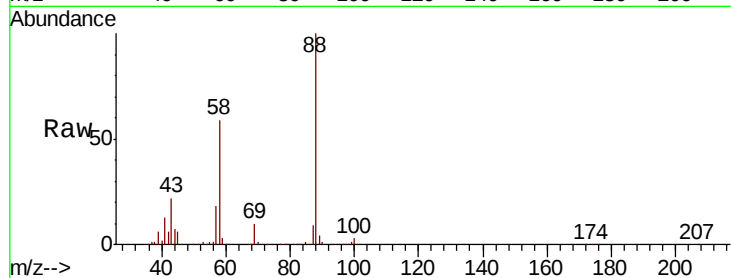
Tgt Ion: 88 Resp: 80607

Ion Ratio Lower Upper

88 100

43 25.6 30.2 45.4#

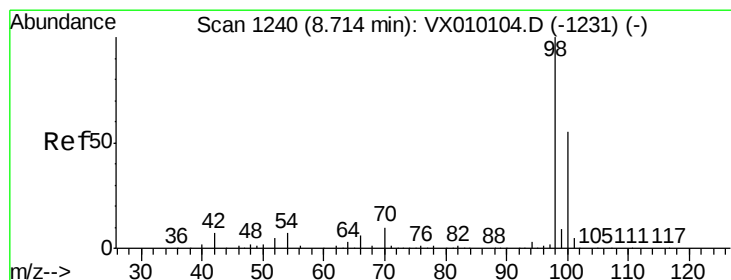
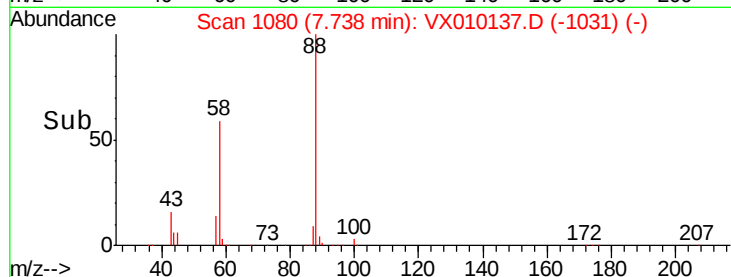
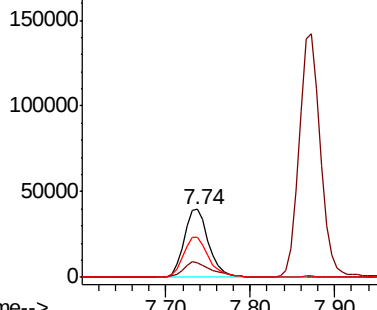
58 61.2 64.0 96.0#



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: 50.305 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010137.D

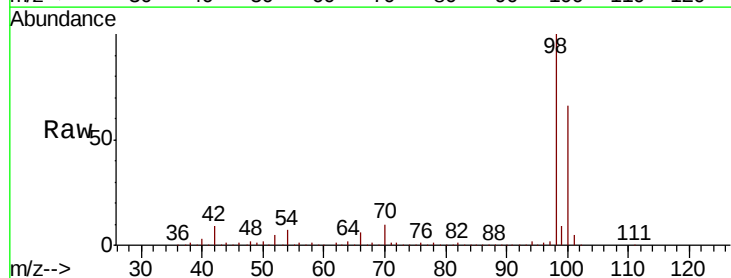
Acq: 08 Jun 2019 14:38

Tgt Ion: 98 Resp: 525569

Ion Ratio Lower Upper

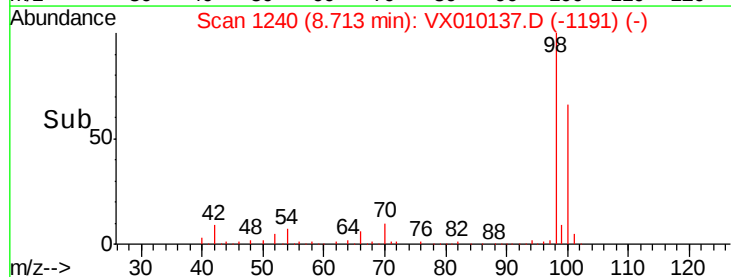
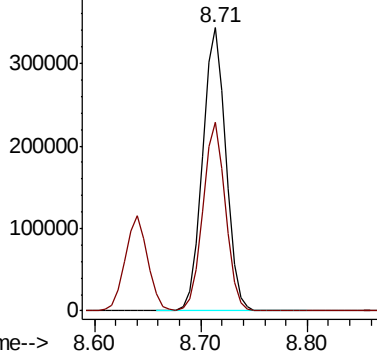
98 100

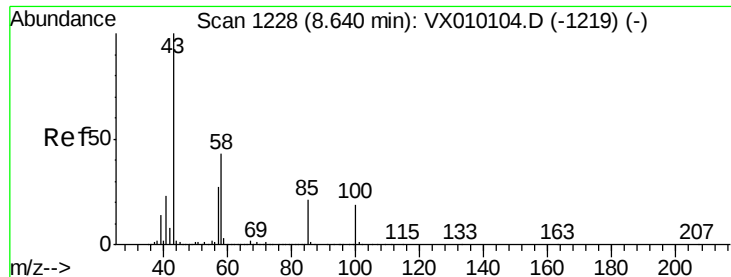
100 65.0 51.5 77.3



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: 244.743 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

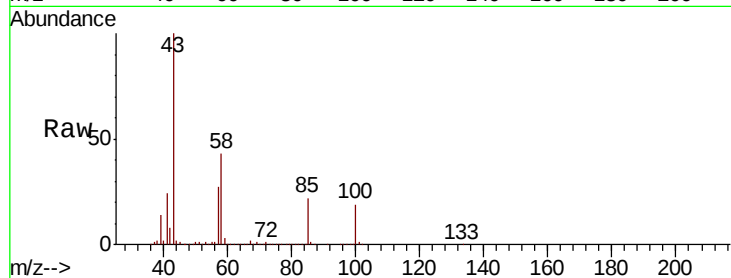
VSTDCCC050

Tgt Ion: 43 Resp: 937834

Ion Ratio Lower Upper

43 100

58 42.4 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

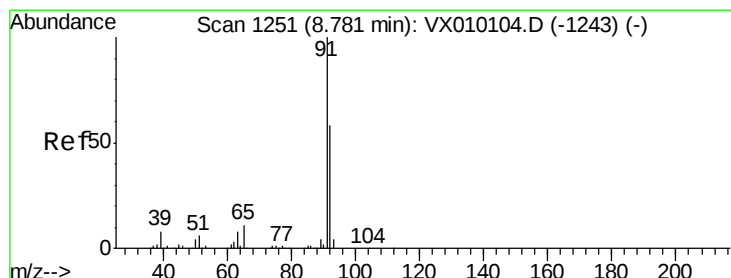
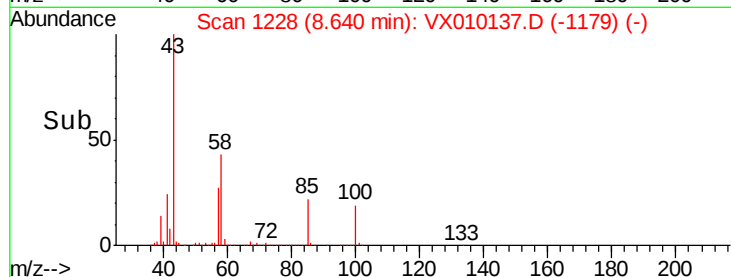
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.247 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010137.D

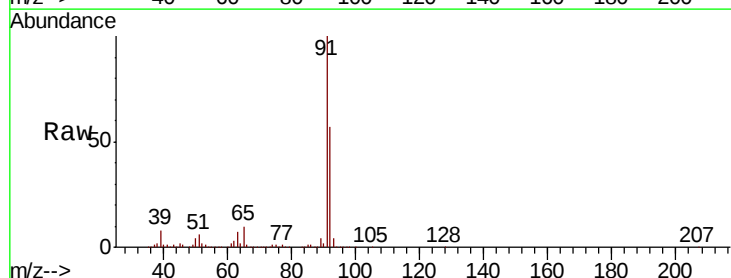
Acq: 08 Jun 2019 14:38

Tgt Ion: 92 Resp: 361592

Ion Ratio Lower Upper

92 100

91 174.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

500000

400000

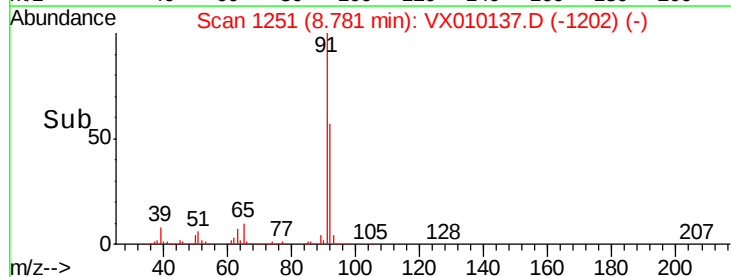
300000

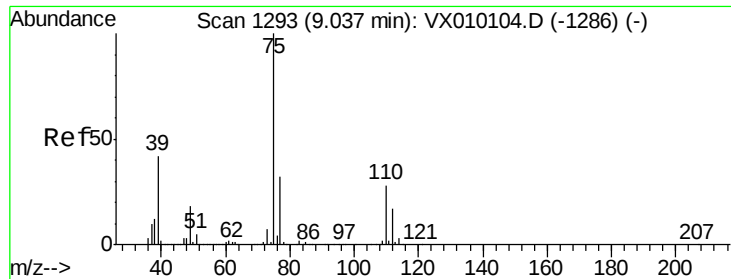
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.557 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

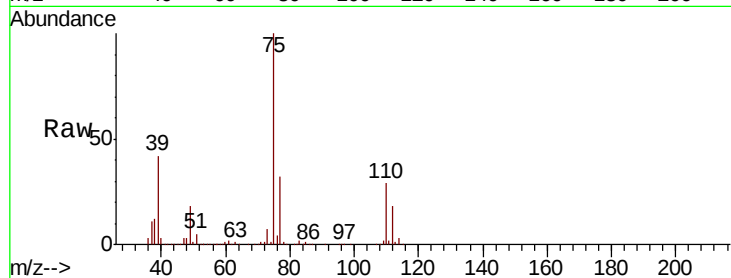
VSTDCCC050

Tgt Ion: 75 Resp: 224367

Ion Ratio Lower Upper

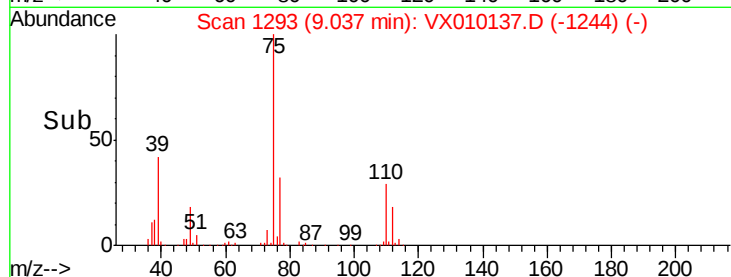
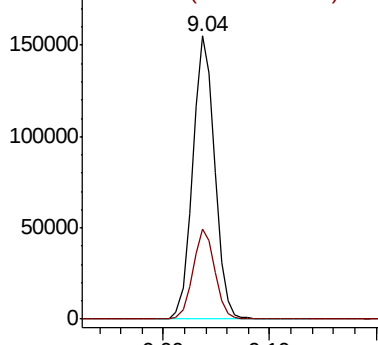
75 100

77 31.5 24.6 36.8

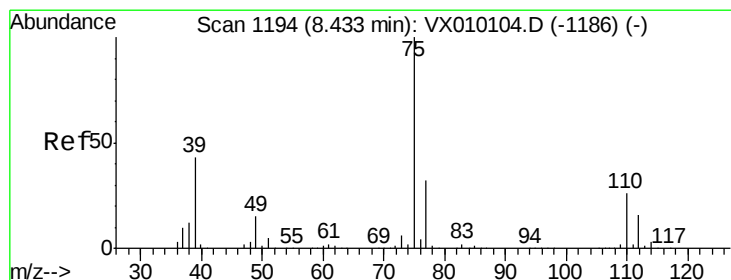


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.662 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

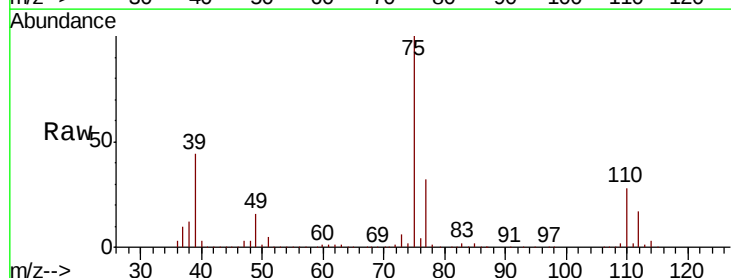
Tgt Ion: 75 Resp: 236099

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

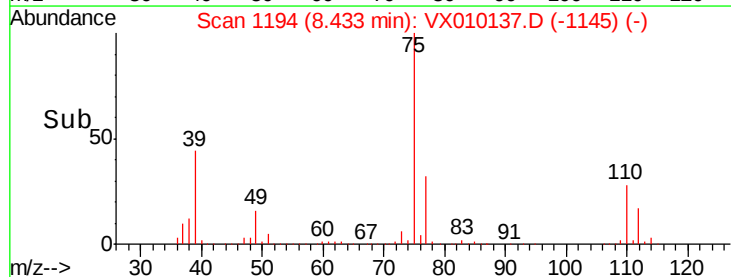
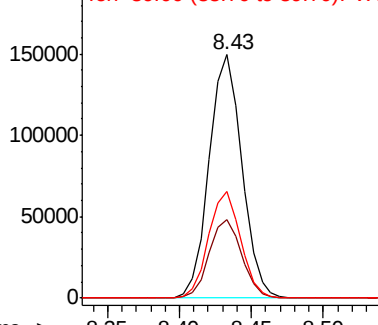
39 43.8 43.4 65.0



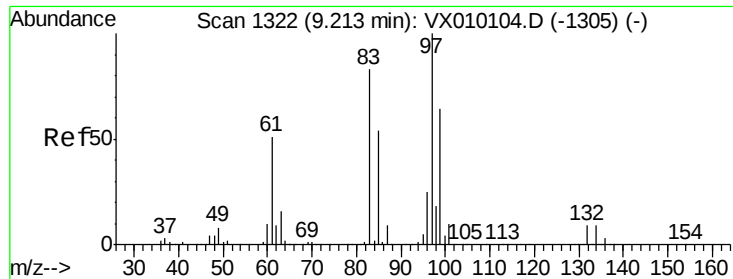
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



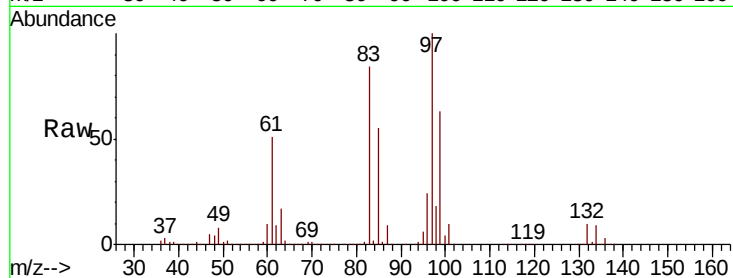
Time-->



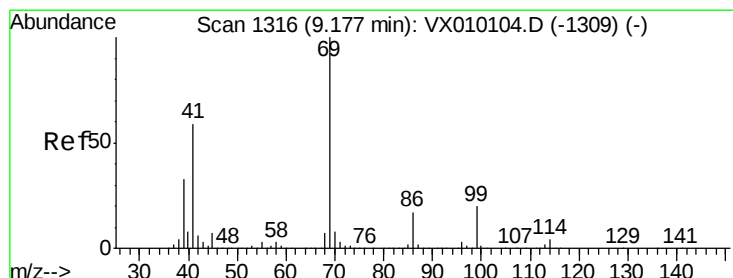
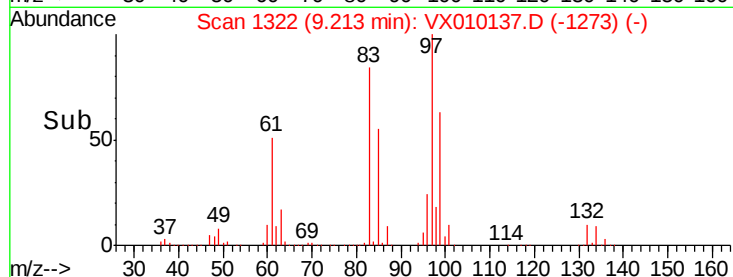
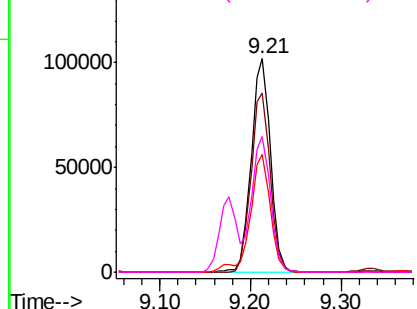
#55
 1,1,2-Trichloroethane
 Concen: 48.502 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010137.D
 Acq: 08 Jun 2019 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 148868
 Ion Ratio Lower Upper
 97 100
 83 84.0 69.8 104.8
 85 55.1 45.3 67.9
 99 63.4 49.0 73.4

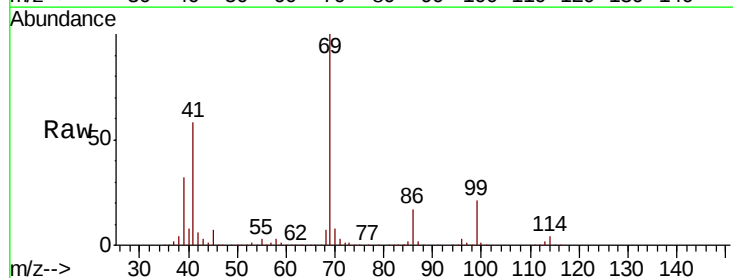


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

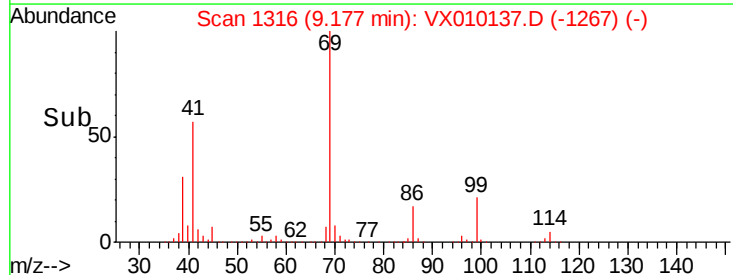
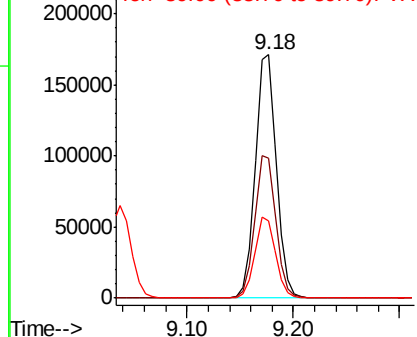


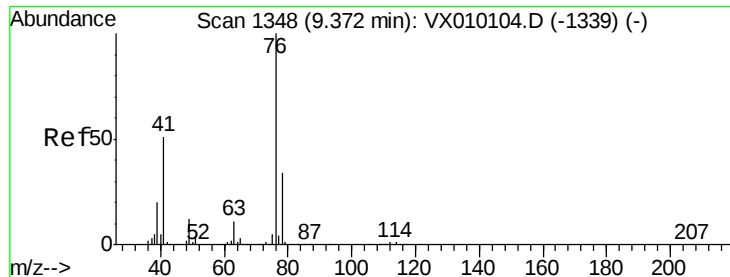
#56
 Ethyl methacrylate
 Concen: 49.110 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010137.D
 Acq: 08 Jun 2019 14:38

Tgt Ion: 69 Resp: 238112
 Ion Ratio Lower Upper
 69 100
 41 58.9 62.7 94.1#
 39 32.8 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: 48.137 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

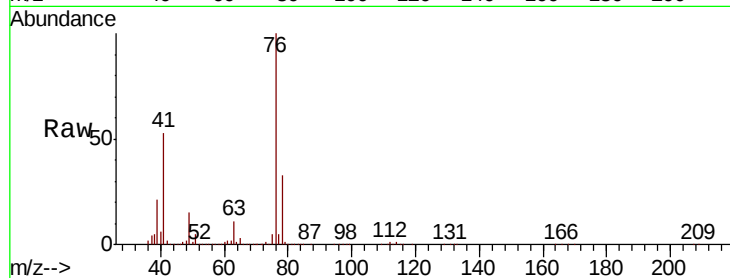
VSTDCCC050

Tgt Ion: 76 Resp: 232609

Ion Ratio Lower Upper

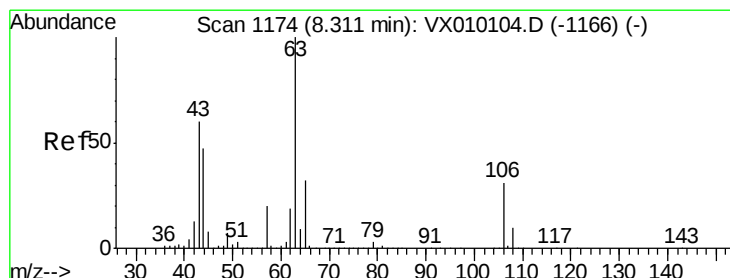
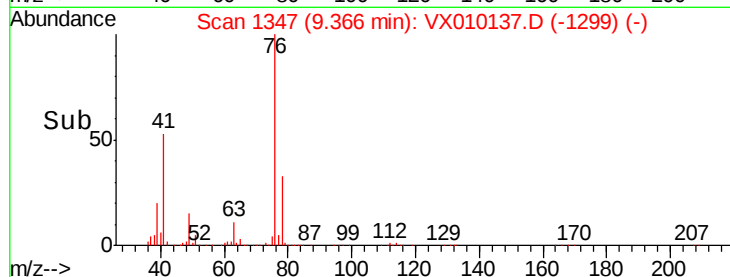
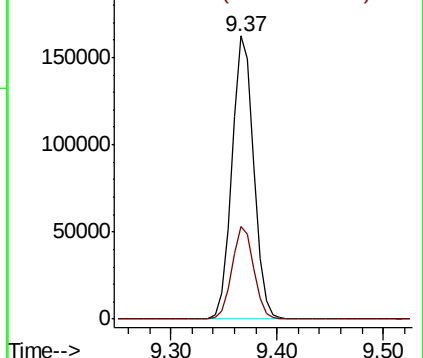
76 100

78 32.8 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 246.118 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010137.D

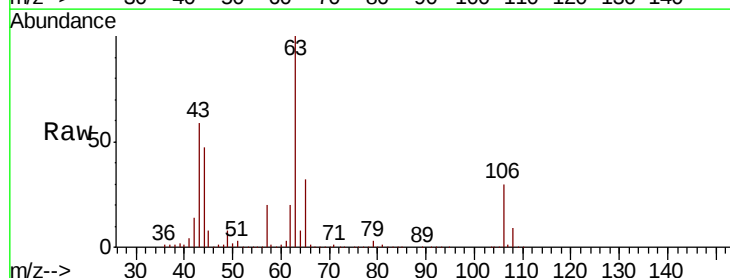
Acq: 08 Jun 2019 14:38

Tgt Ion: 63 Resp: 562552

Ion Ratio Lower Upper

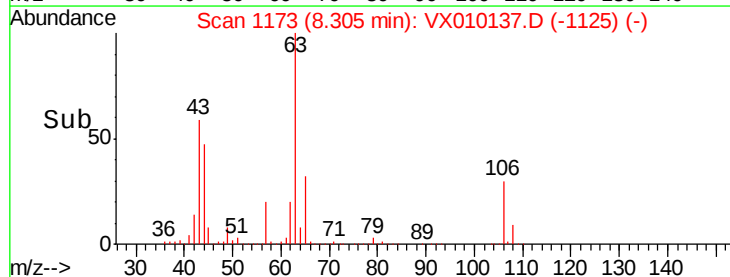
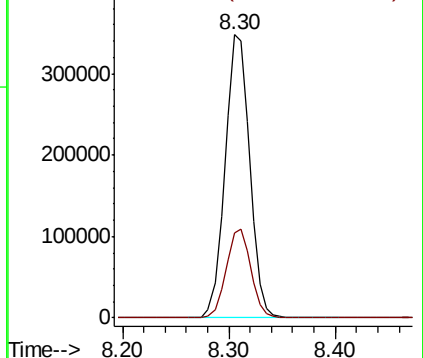
63 100

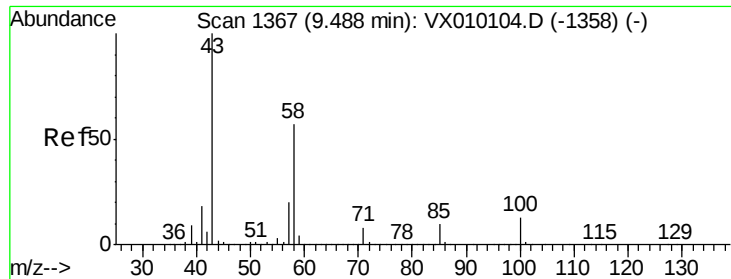
106 31.3 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

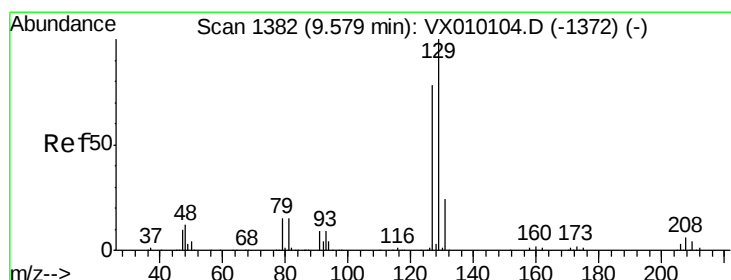
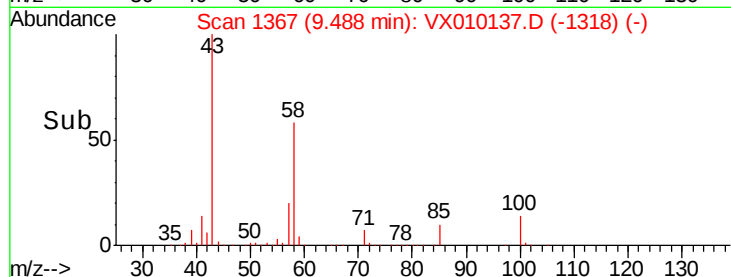
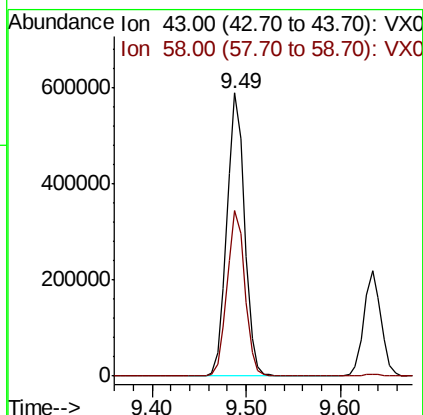
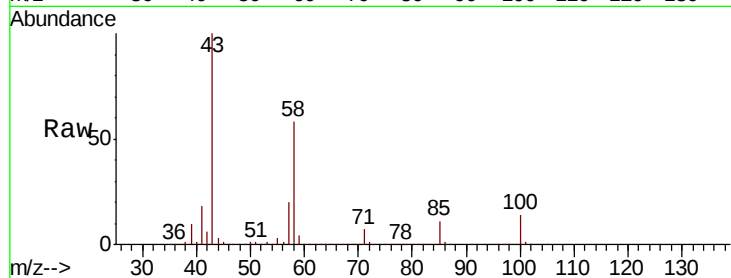




#59
2-Hexanone
Concen: 251.167 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

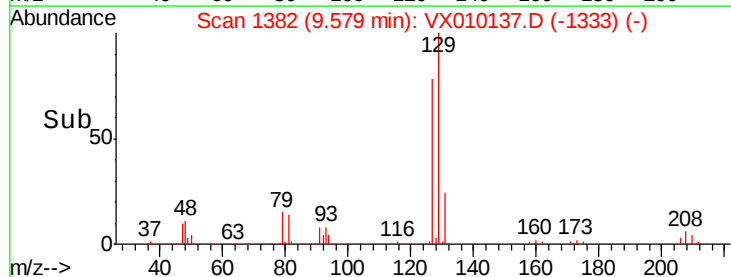
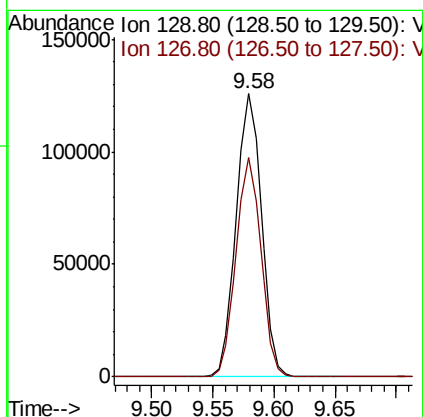
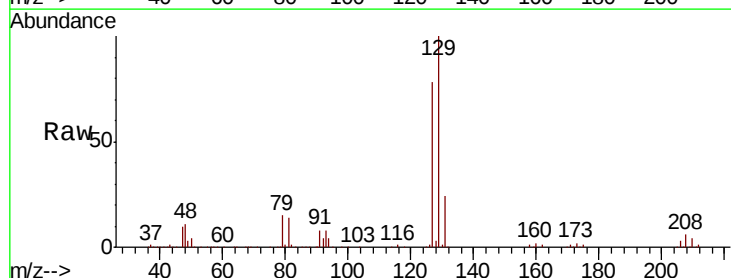
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

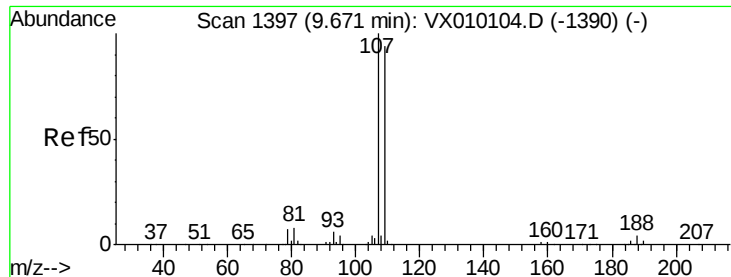
Tgt Ion: 43 Resp: 767371
Ion Ratio Lower Upper
43 100
58 58.9 25.1 75.3



#60
Dibromochloromethane
Concen: 49.725 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Tgt Ion: 129 Resp: 180526
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.055 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

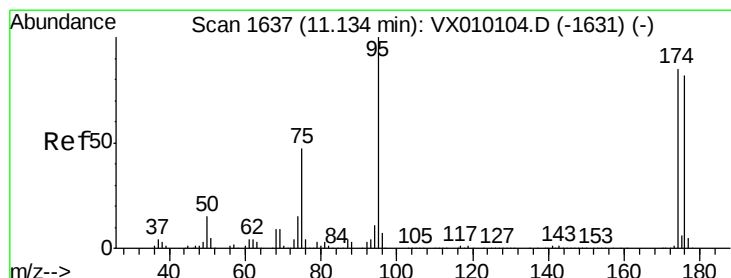
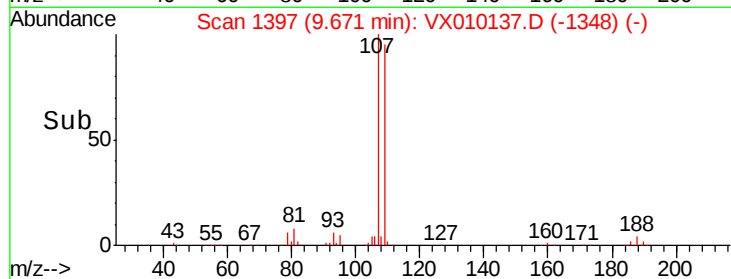
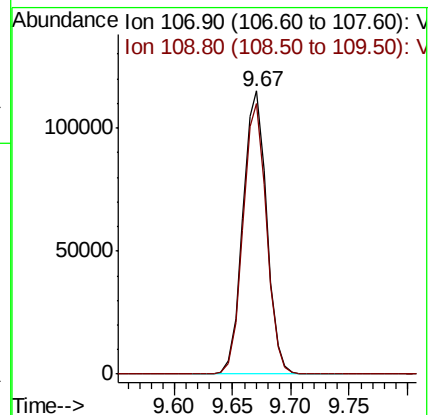
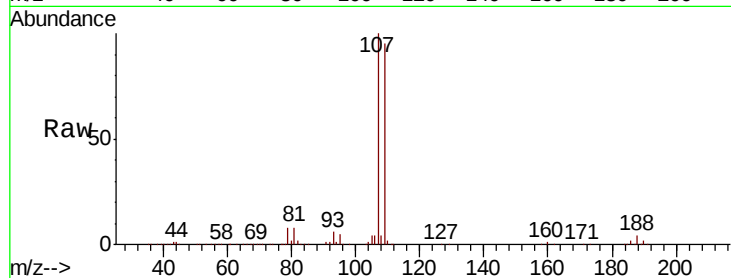
VSTDCCC050

Tgt Ion: 107 Resp: 164273

Ion Ratio Lower Upper

107 100

109 94.5 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 52.362 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

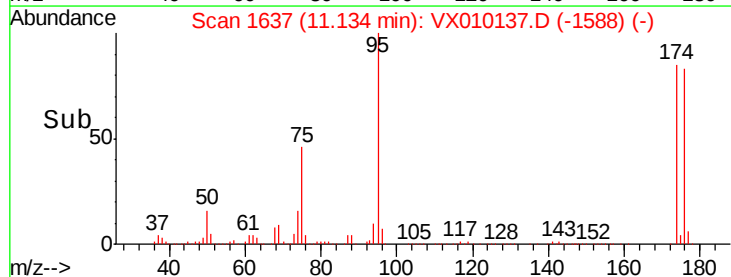
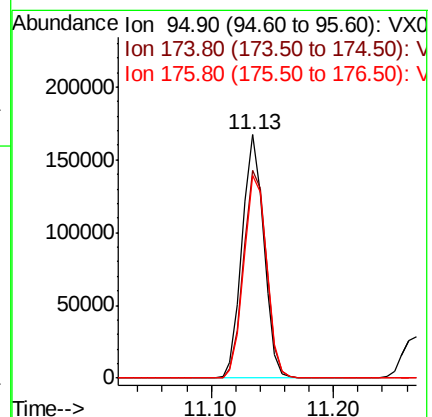
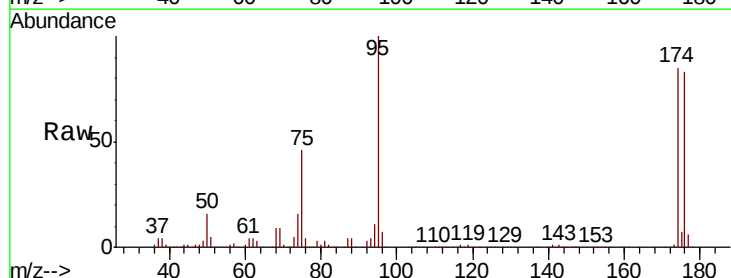
Tgt Ion: 95 Resp: 204304

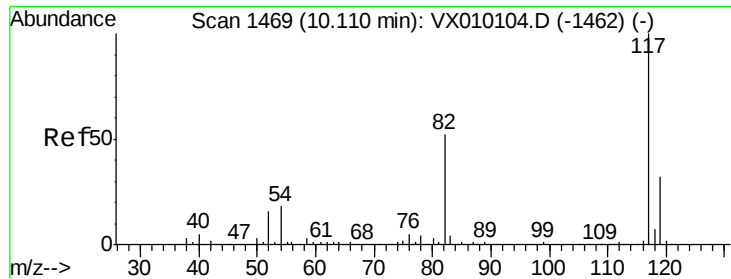
Ion Ratio Lower Upper

95 100

174 90.1 0.0 160.4

176 88.0 0.0 154.6

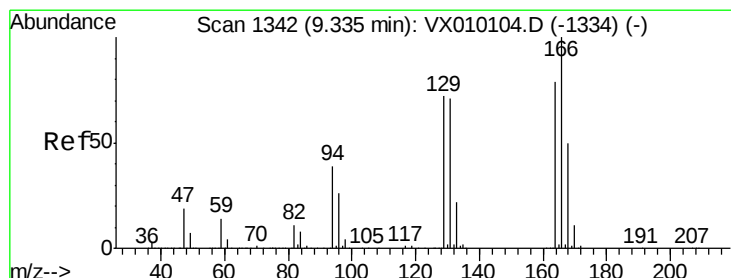
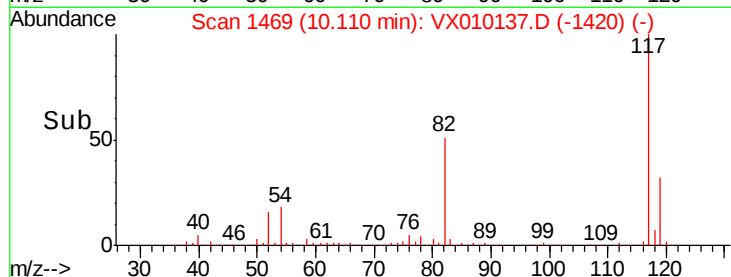
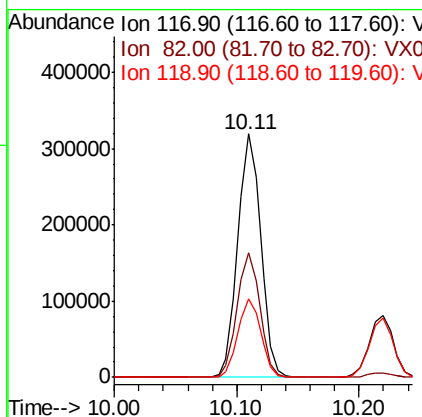
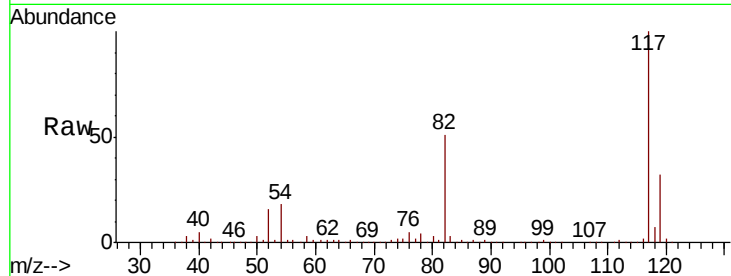




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

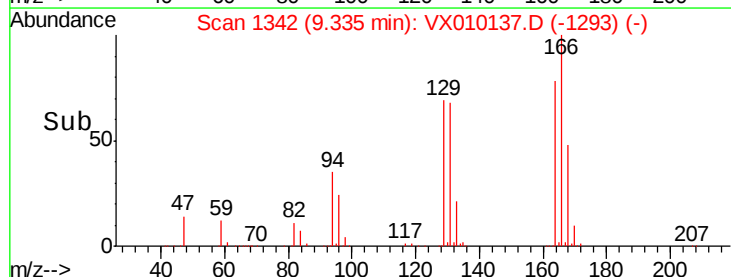
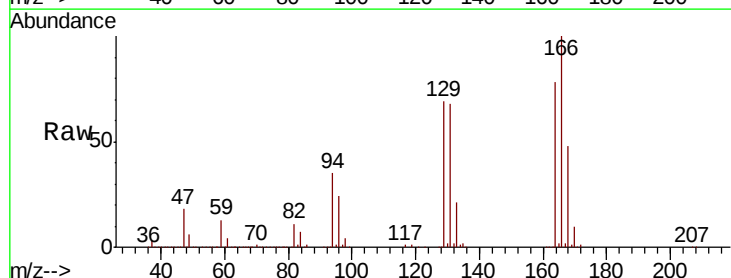
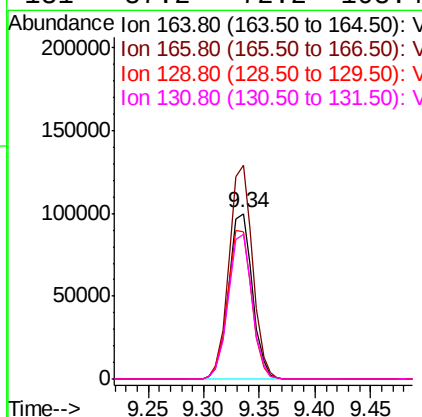
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

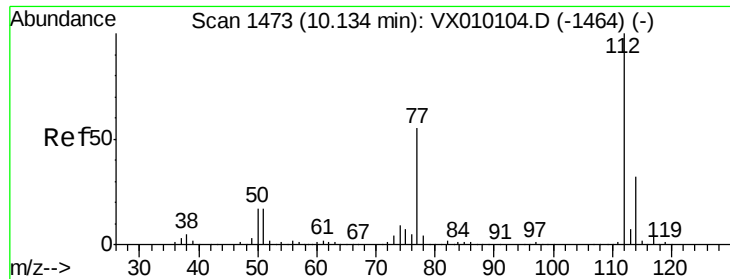
Tgt Ion:117 Resp: 415873
Ion Ratio Lower Upper
117 100
82 51.2 49.2 73.8
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 47.809 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Tgt Ion:164 Resp: 147672
Ion Ratio Lower Upper
164 100
166 128.9 105.0 157.4
129 89.0 75.1 112.7
131 87.2 72.2 108.4

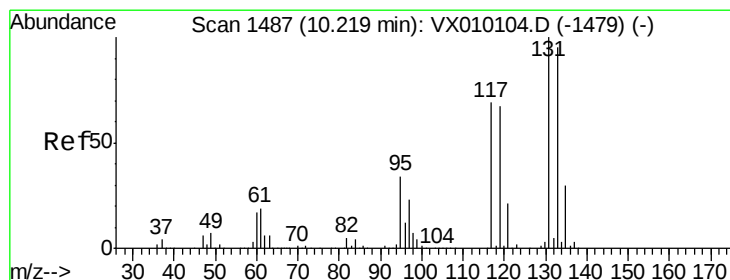
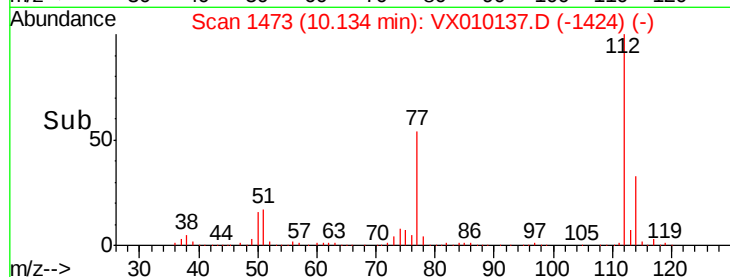
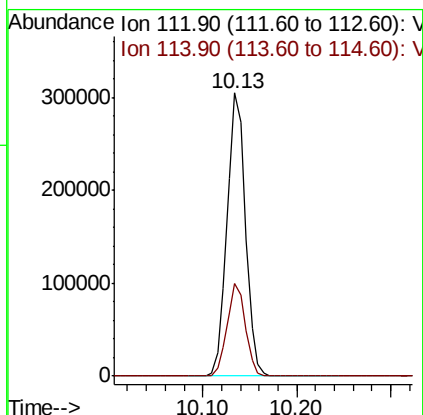
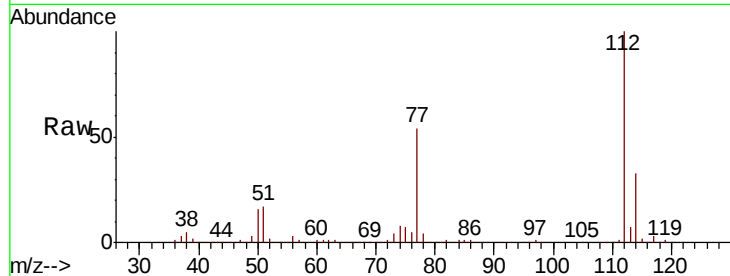




#65
Chlorobenzene
Concen: 48.292 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

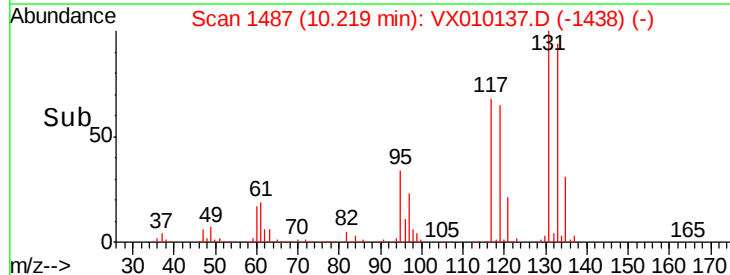
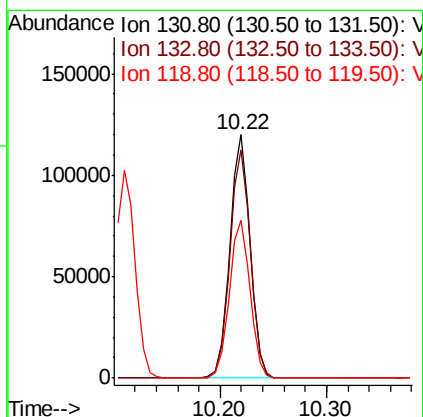
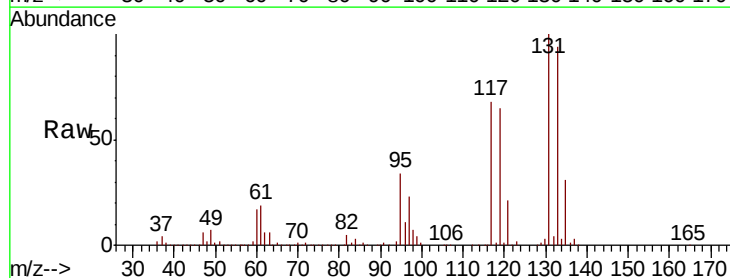
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

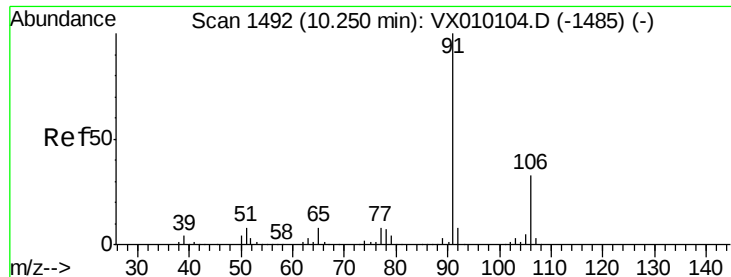
Tgt Ion:112 Resp: 414505
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.306 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Tgt Ion:131 Resp: 159449
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 66.5 33.4 100.1





#67

Ethyl Benzene

Concen: 48.910 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

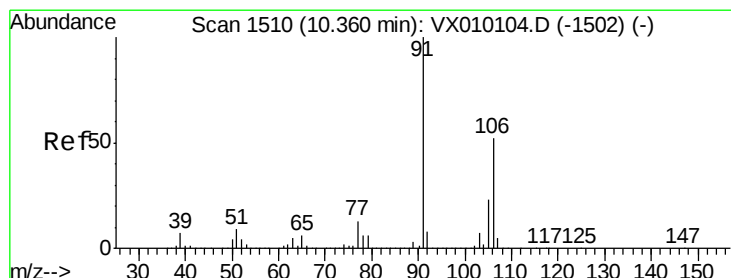
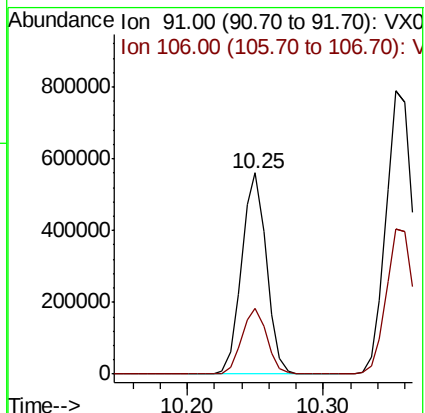
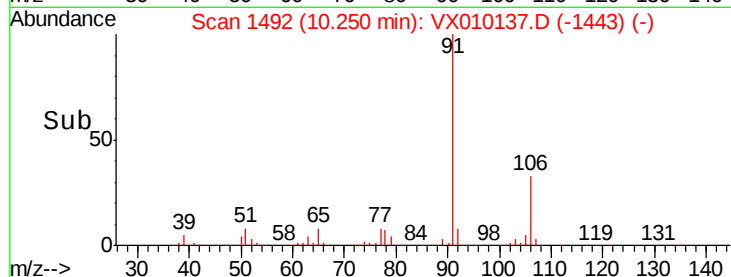
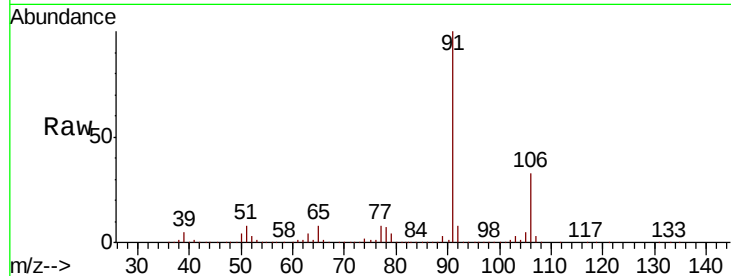
VSTDCCC050

Tgt Ion: 91 Resp: 714655

Ion Ratio Lower Upper

91 100

106 32.8 23.9 35.9



#68

m/p-Xylenes

Concen: 99.671 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010137.D

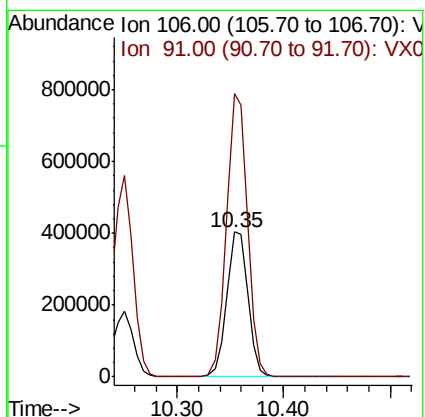
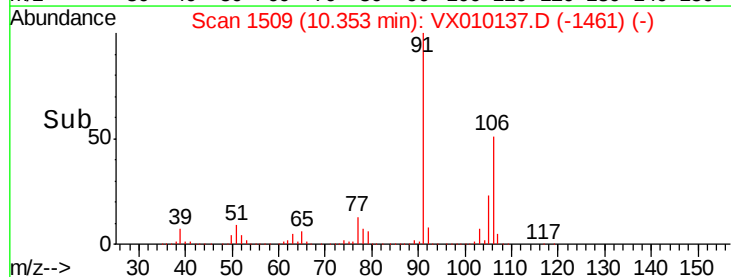
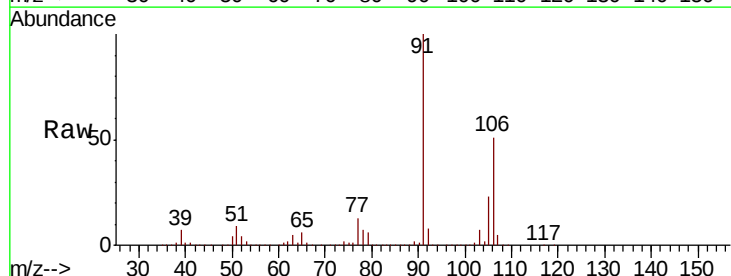
Acq: 08 Jun 2019 14:38

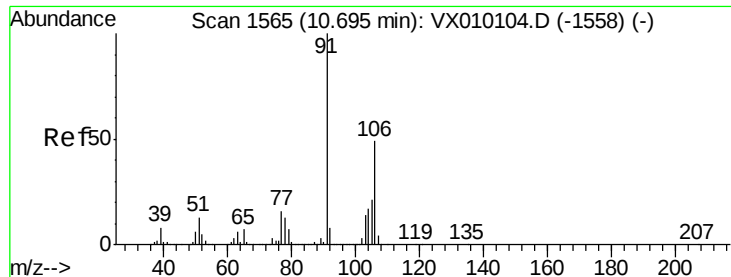
Tgt Ion: 106 Resp: 563569

Ion Ratio Lower Upper

106 100

91 193.2 167.3 250.9

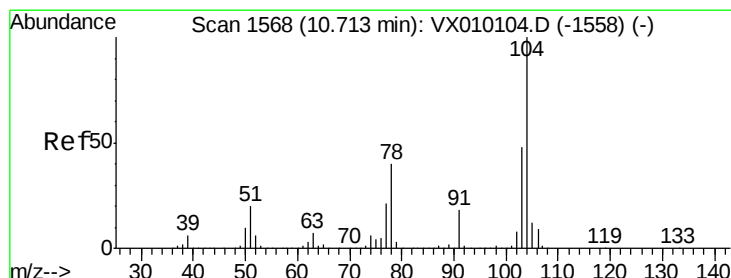
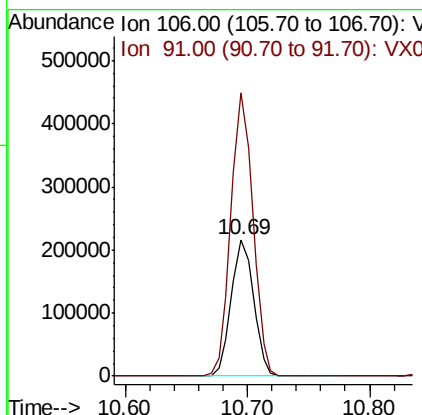
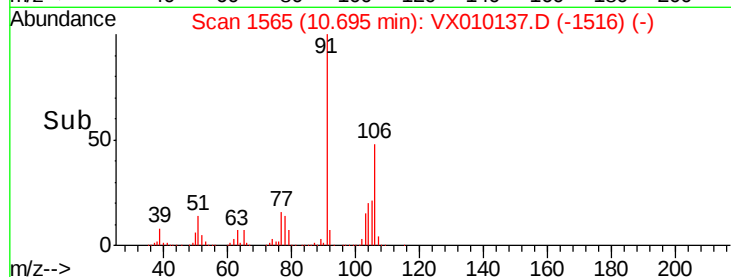
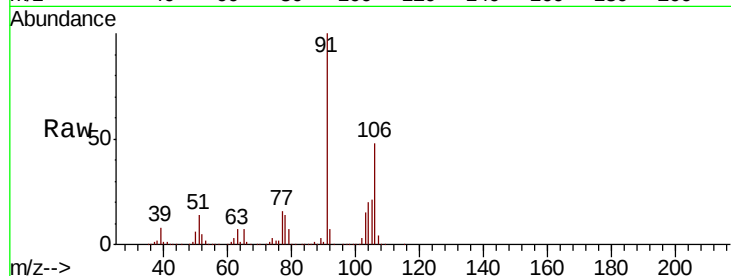




#69
o-Xylene
Concen: 48.898 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

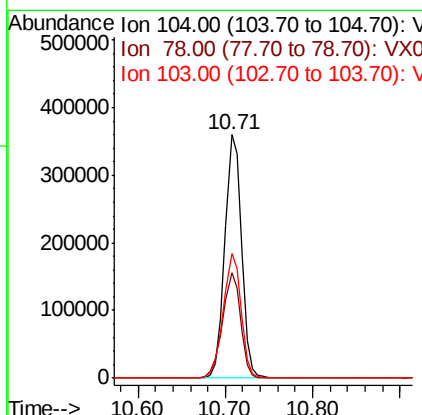
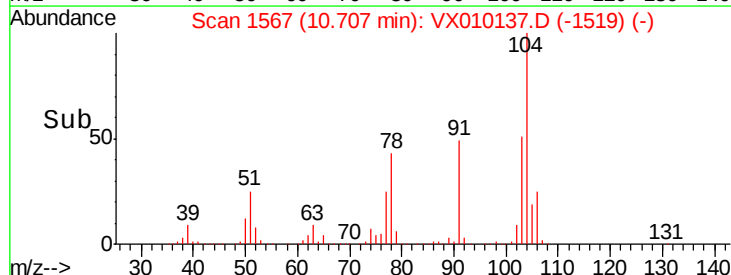
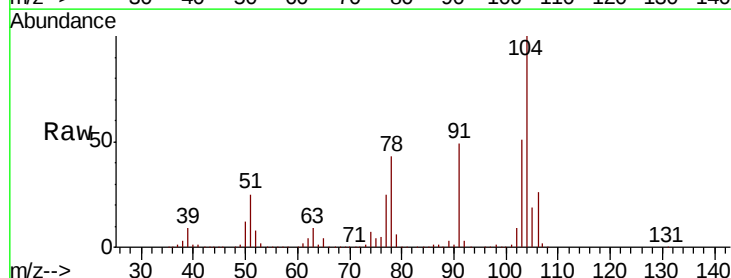
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

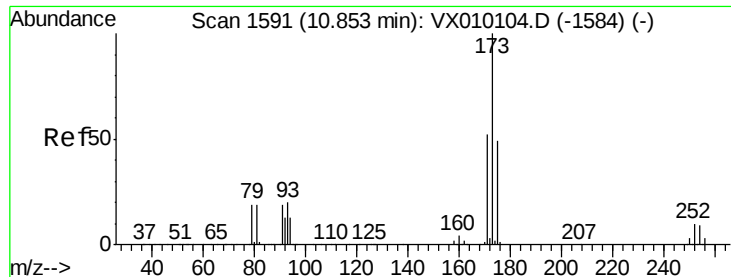
Tgt Ion:106 Resp: 274837
Ion Ratio Lower Upper
106 100
91 203.7 110.4 331.2



#70
Styrene
Concen: 49.660 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Tgt Ion:104 Resp: 472737
Ion Ratio Lower Upper
104 100
78 46.7 42.1 63.1
103 54.7 44.1 66.1





#71

Bromoform

Concen: 49.632 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

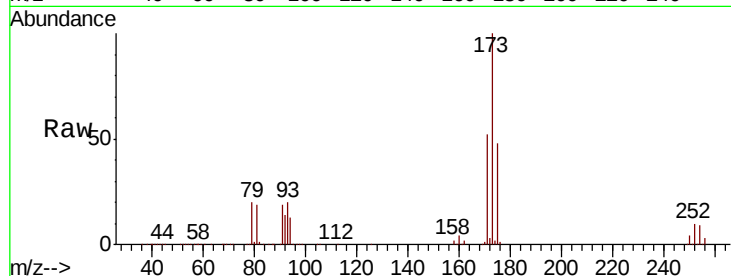
Tgt Ion:173 Resp: 150605

Ion Ratio Lower Upper

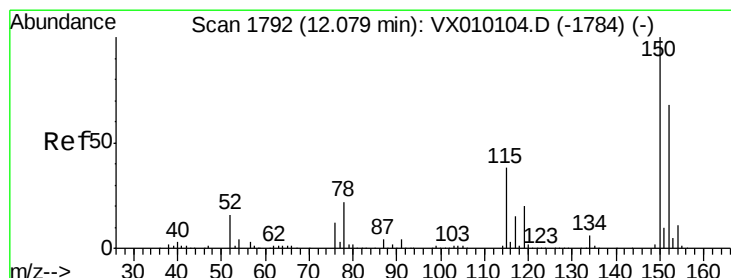
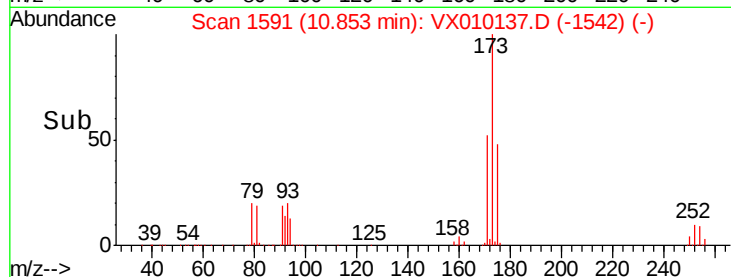
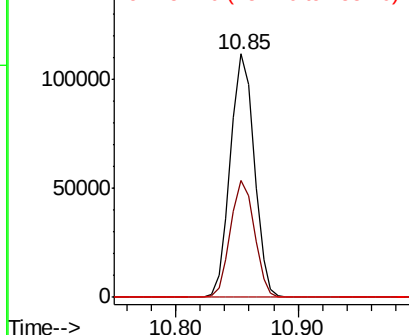
173 100

175 48.3 25.0 75.0

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

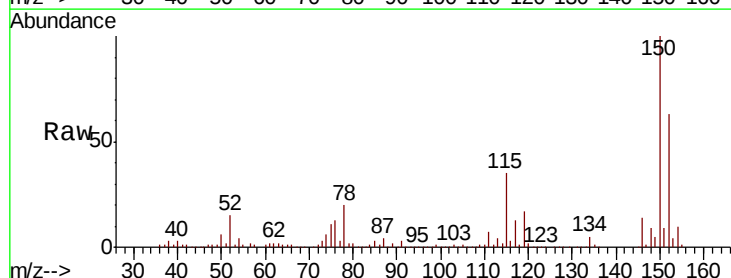
Tgt Ion:152 Resp: 220879

Ion Ratio Lower Upper

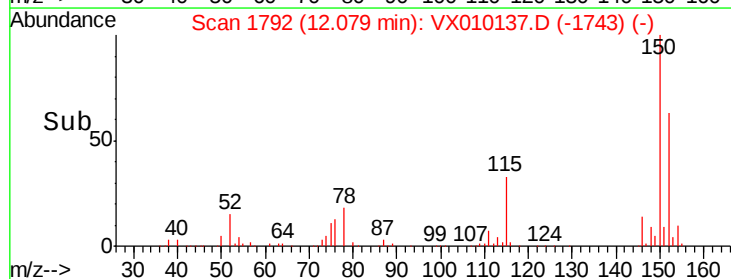
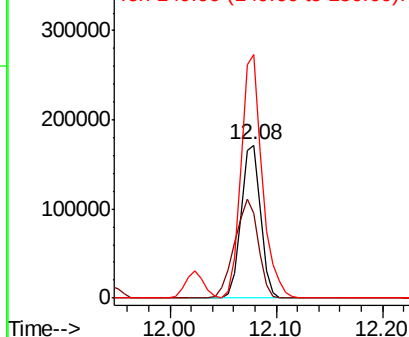
152 100

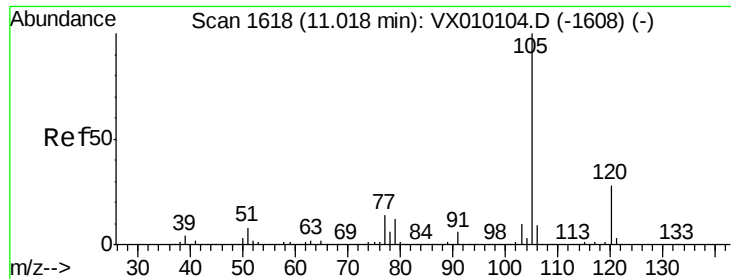
115 77.8 41.4 124.2

150 172.3 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: 47.068 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

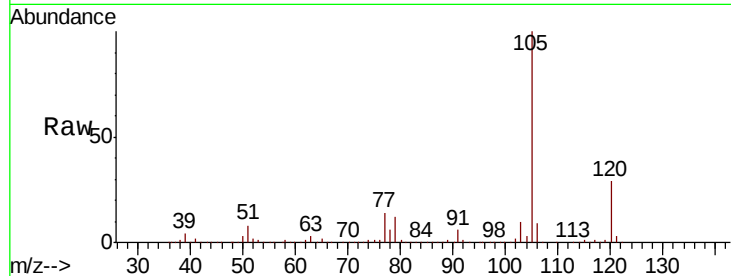
VSTDCCC050

Tgt Ion: 105 Resp: 725727

Ion Ratio Lower Upper

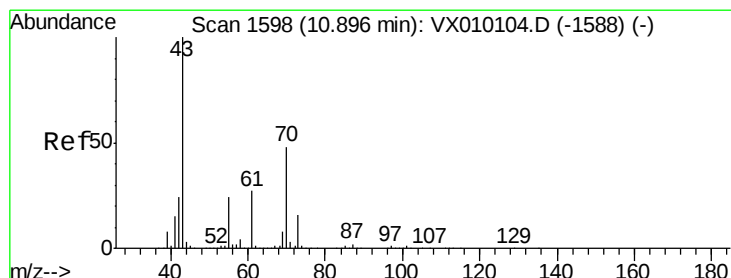
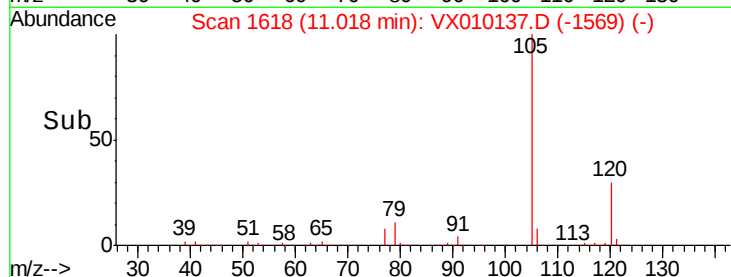
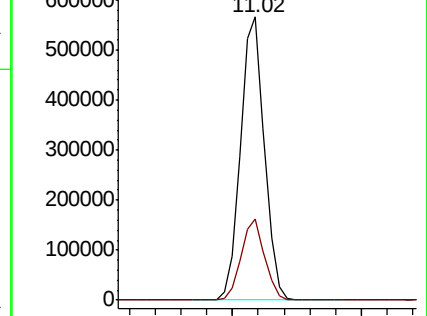
105 100

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



#74

N-ethyl acetate

Concen: 46.743 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Tgt Ion: 43 Resp: 284897

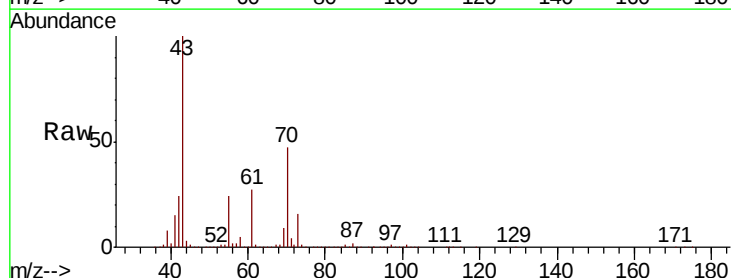
Ion Ratio Lower Upper

43 100

70 46.0 28.6 43.0#

55 23.6 17.8 26.8

61 26.4 17.7 26.5

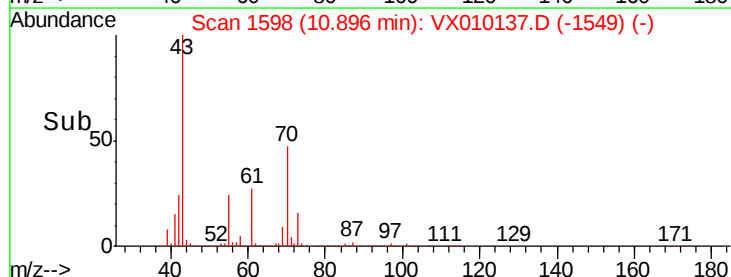
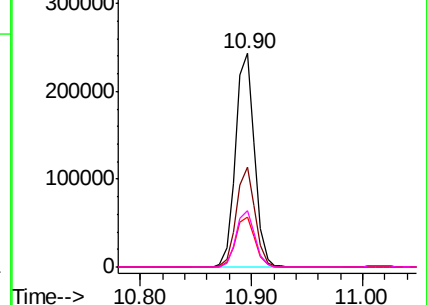


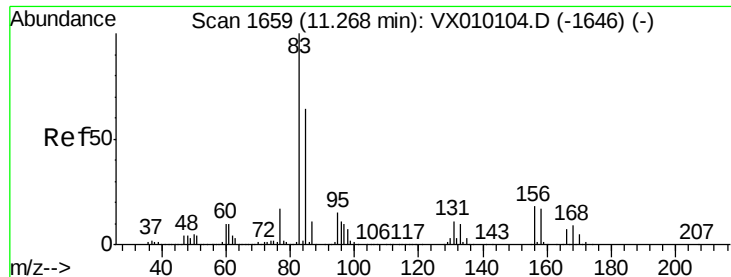
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.581 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

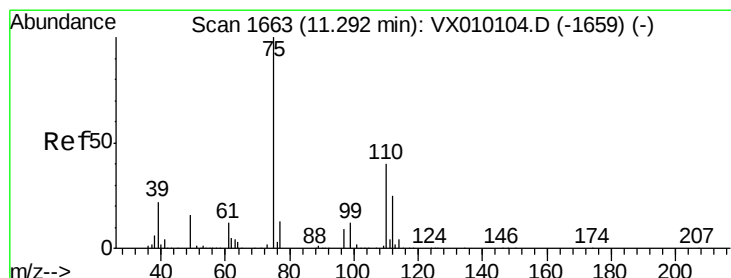
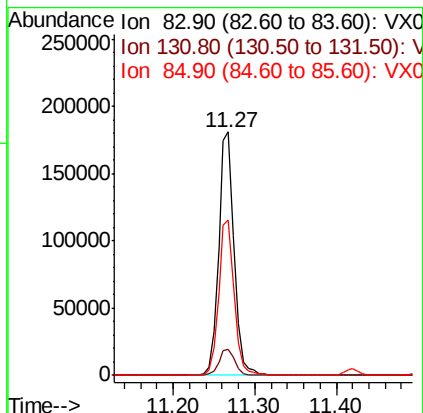
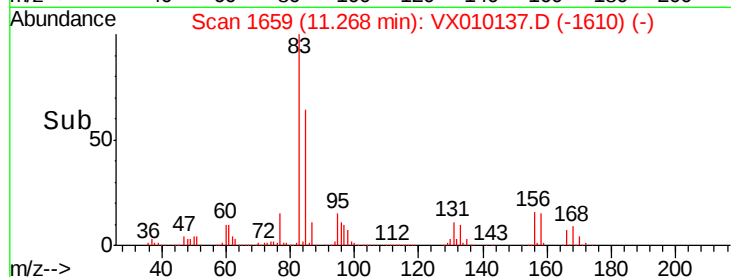
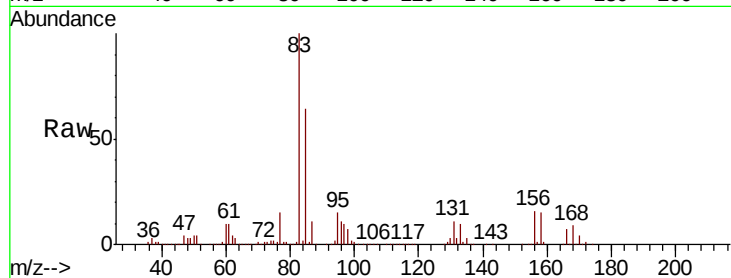
Tgt Ion: 83 Resp: 240576

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

85 64.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 63.346 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010137.D

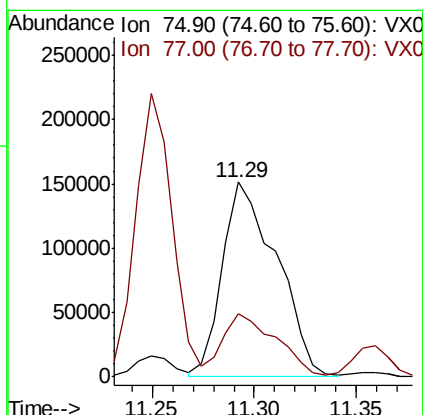
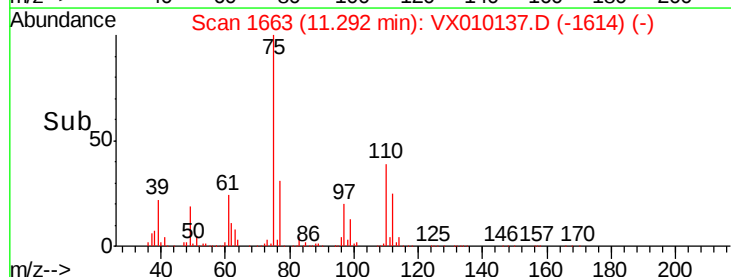
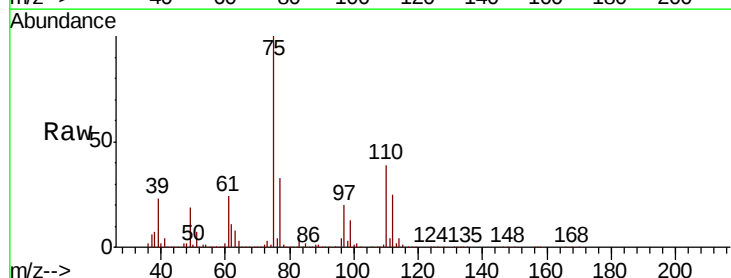
Acq: 08 Jun 2019 14:38

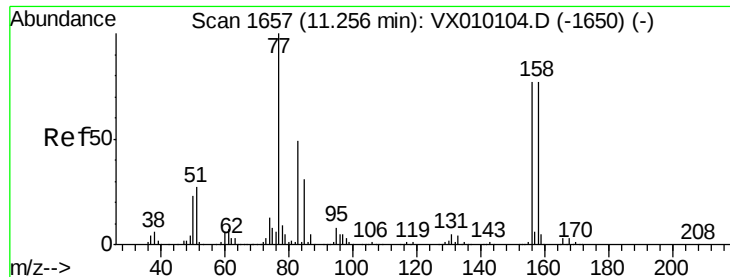
Tgt Ion: 75 Resp: 279863

Ion Ratio Lower Upper

75 100

77 32.1 22.1 66.1





#77

Bromobenzene

Concen: 47.477 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

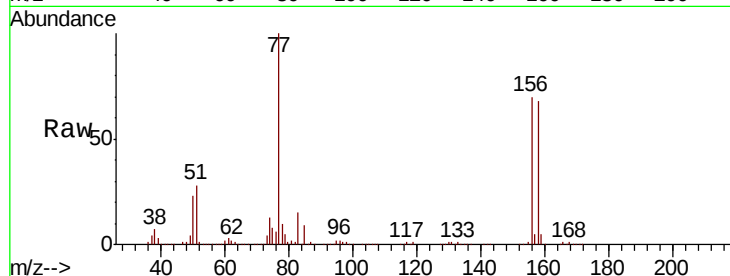
Tgt Ion:156 Resp: 201307

Ion Ratio Lower Upper

156 100

77 136.3 86.8 260.3

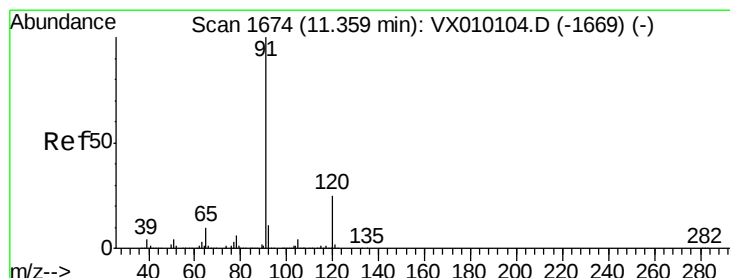
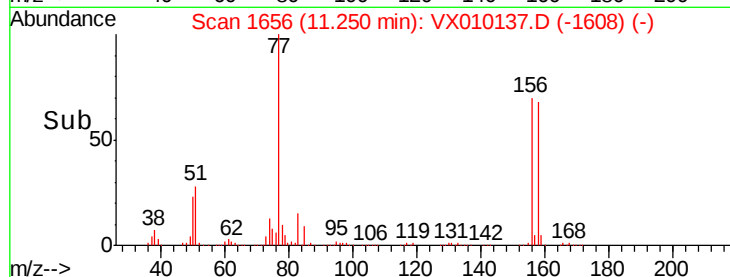
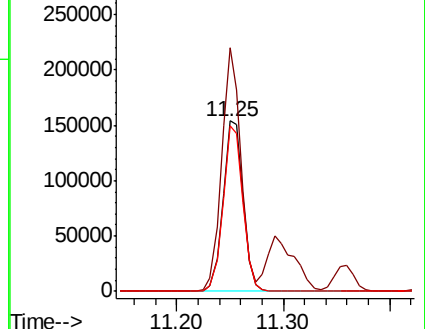
158 95.9 49.6 148.8



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: 48.012 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010137.D

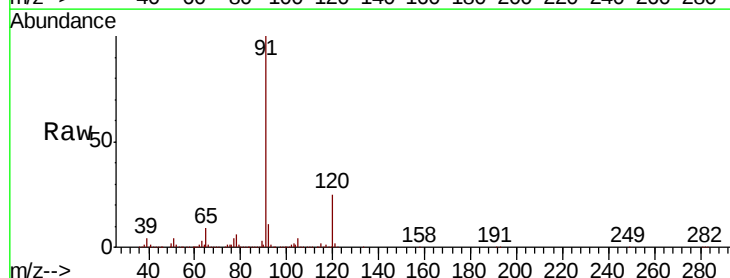
Acq: 08 Jun 2019 14:38

Tgt Ion: 91 Resp: 824144

Ion Ratio Lower Upper

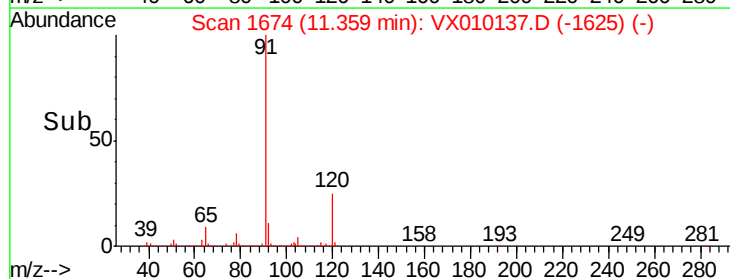
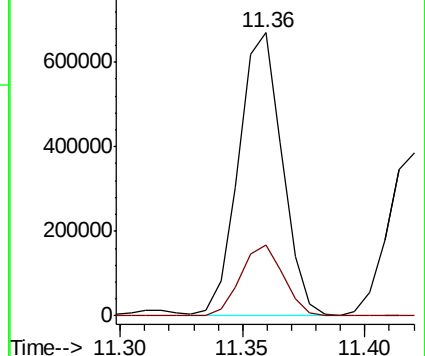
91 100

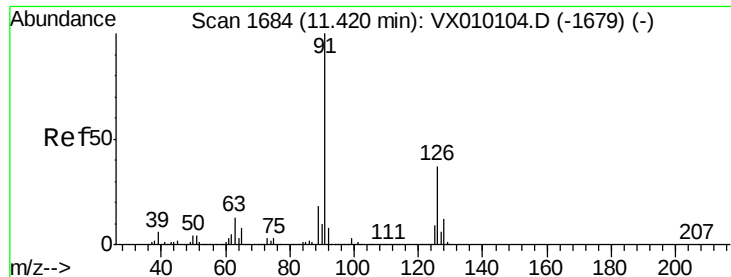
120 25.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

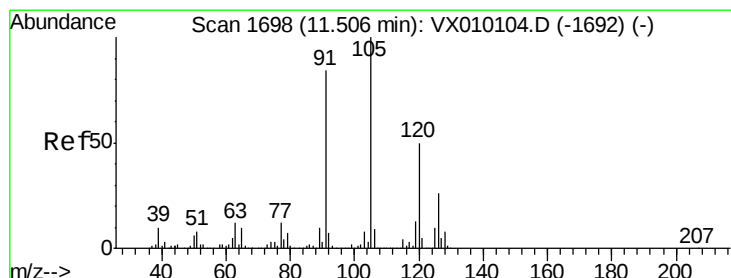
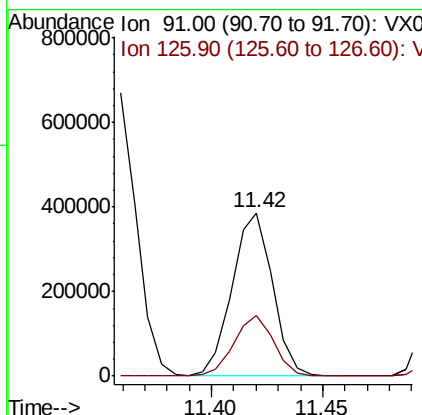
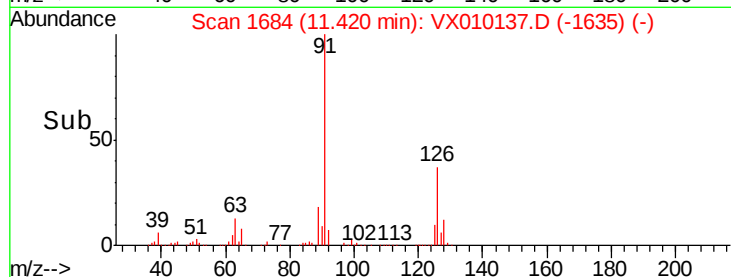
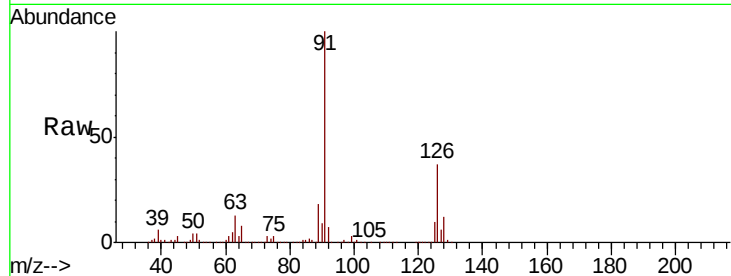




#79
 2-Chlorotoluene
 Concen: 46.946 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010137.D
 Acq: 08 Jun 2019 14:38

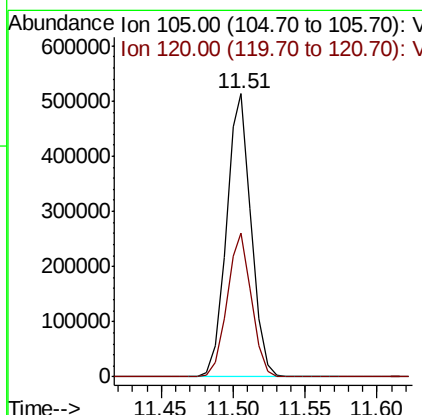
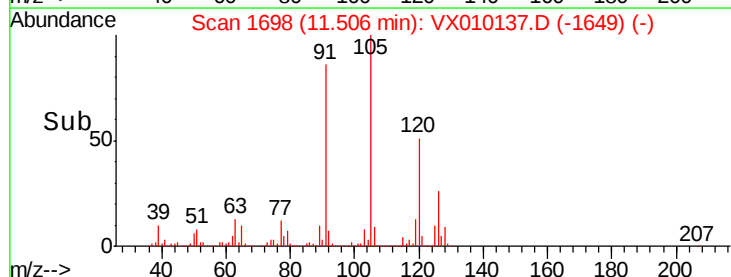
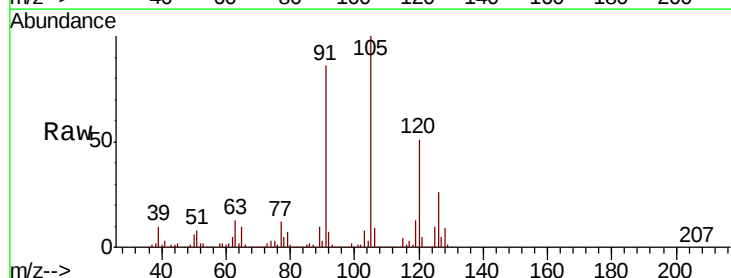
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

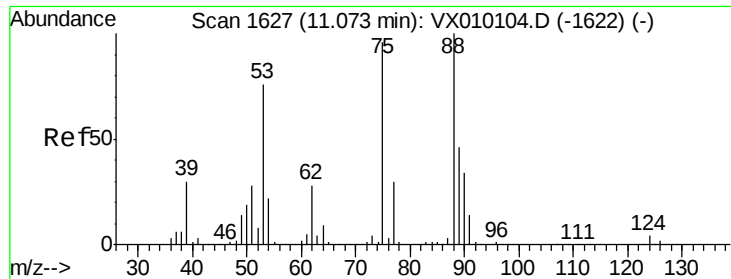
Tgt Ion: 91 Resp: 483994
 Ion Ratio Lower Upper
 91 100
 126 36.8 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 47.431 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010137.D
 Acq: 08 Jun 2019 14:38

Tgt Ion: 105 Resp: 615972
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 47.071 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

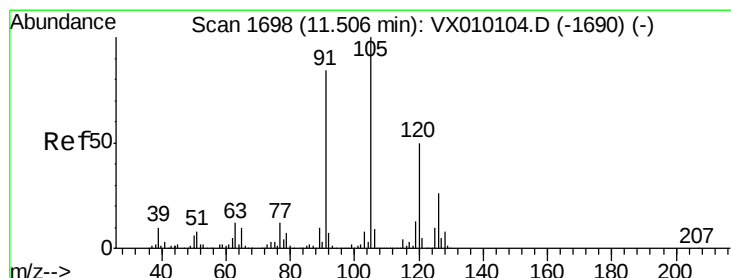
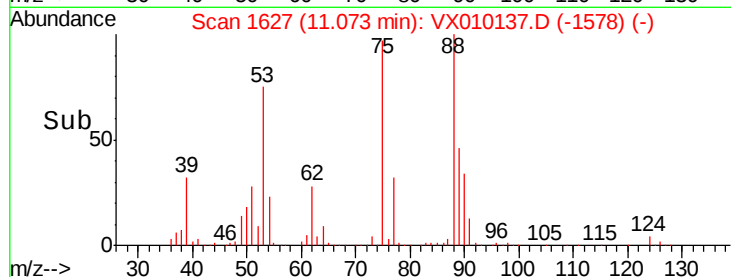
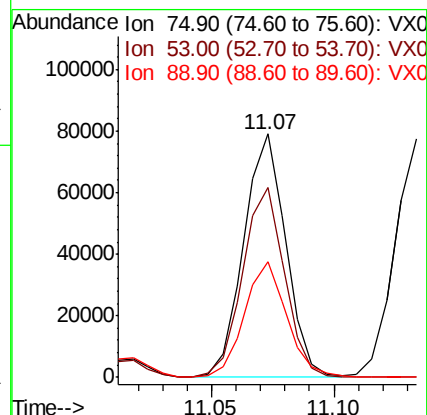
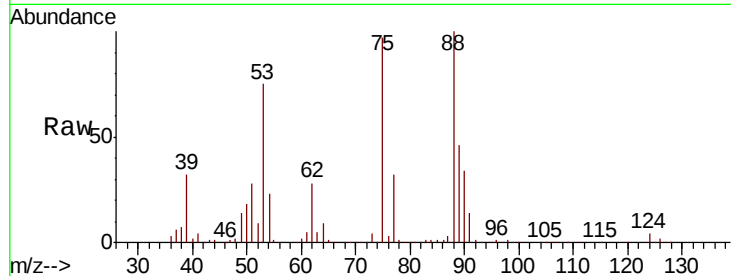
Tgt Ion: 75 Resp: 94124

Ion Ratio Lower Upper

75 100

53 78.6 79.8 119.6#

89 48.3 34.2 51.4



#82

4-Chlorotoluene

Concen: 48.127 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010137.D

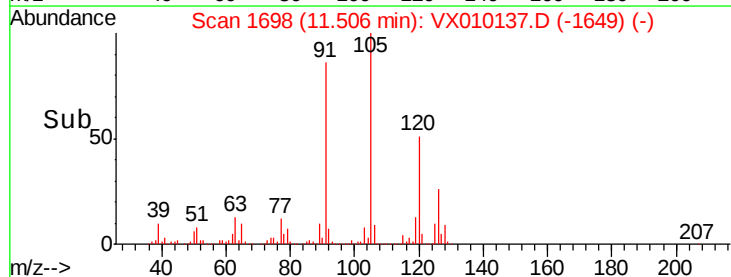
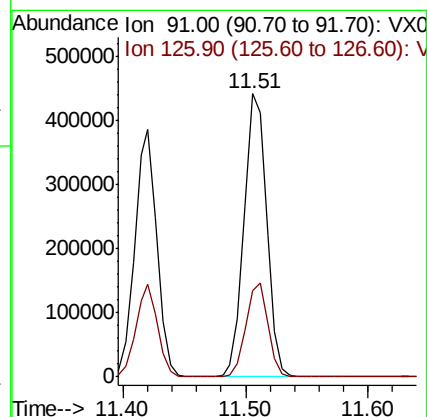
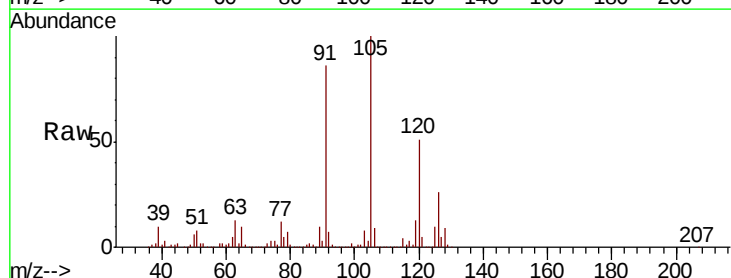
Acq: 08 Jun 2019 14:38

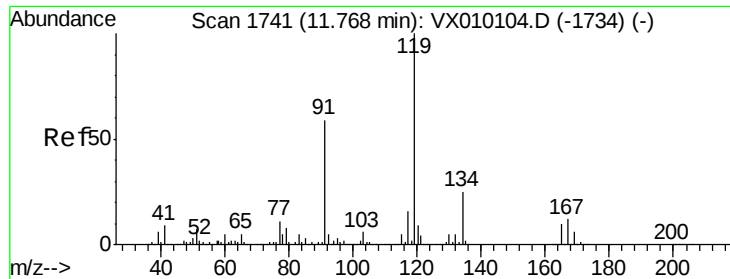
Tgt Ion: 91 Resp: 563627

Ion Ratio Lower Upper

91 100

126 32.3 14.2 42.6

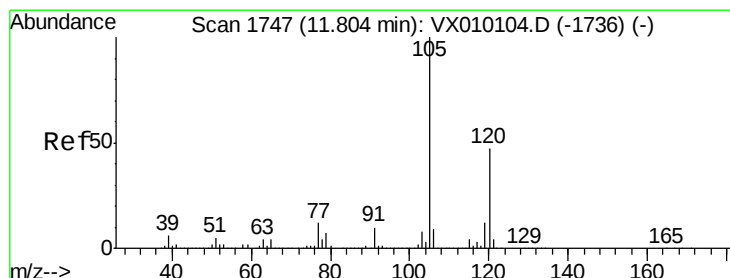
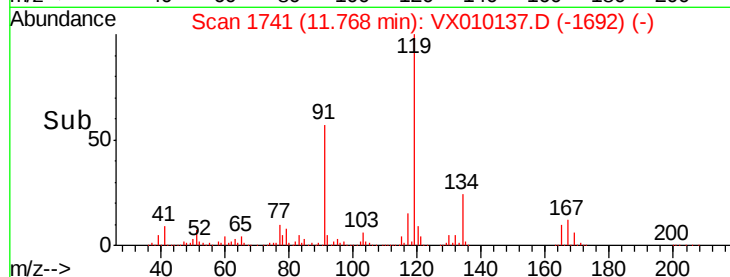
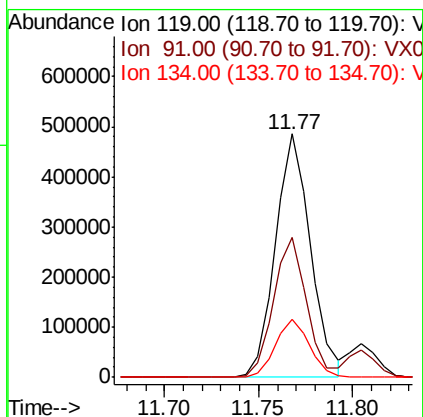
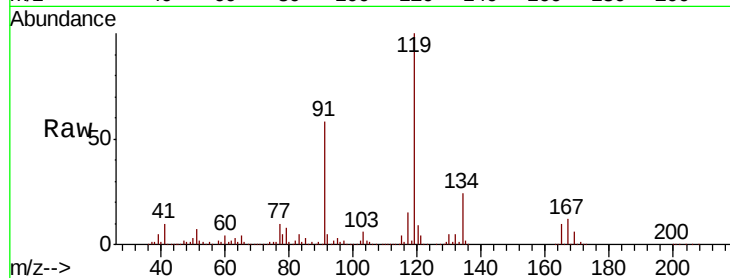




#83
tert-Butylbenzene
Concen: 47.583 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

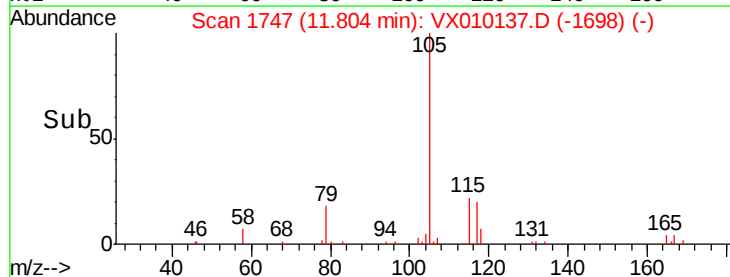
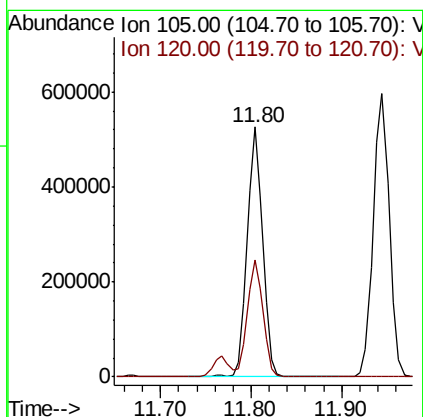
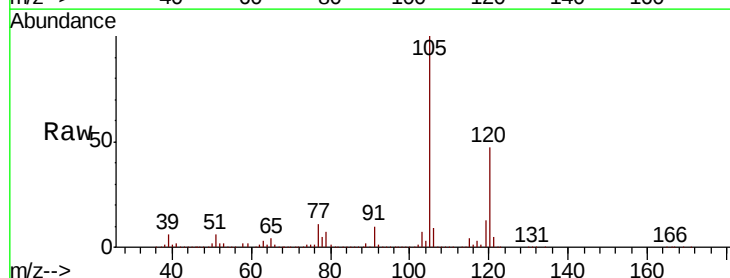
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

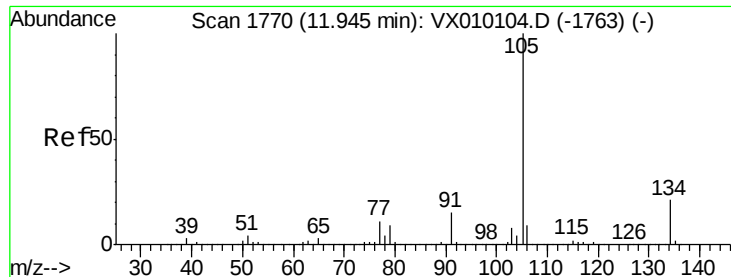
Tgt Ion:119 Resp: 625455
Ion Ratio Lower Upper
119 100
91 54.7 30.0 90.0
134 23.1 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 47.367 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Tgt Ion:105 Resp: 621345
Ion Ratio Lower Upper
105 100
120 47.2 22.1 66.1





#85

sec-Butylbenzene

Concen: 47.696 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

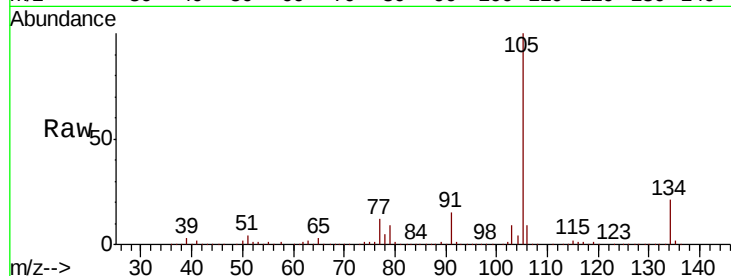
VSTDCCC050

Tgt Ion:105 Resp: 730407

Ion Ratio Lower Upper

105 100

134 21.3 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

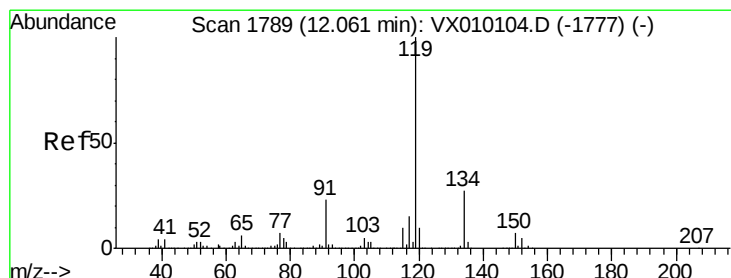
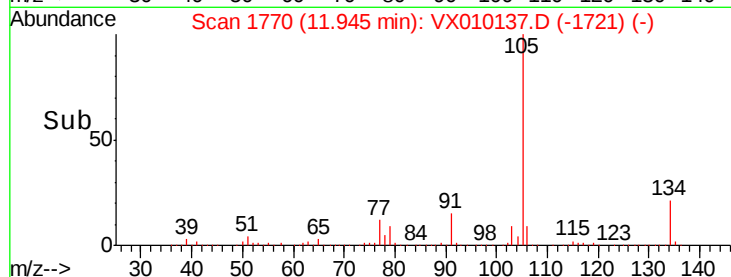
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.974 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

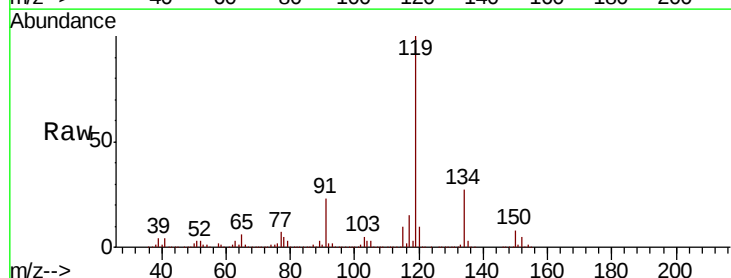
Tgt Ion:119 Resp: 685621

Ion Ratio Lower Upper

119 100

134 27.4 12.9 38.6

91 22.8 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

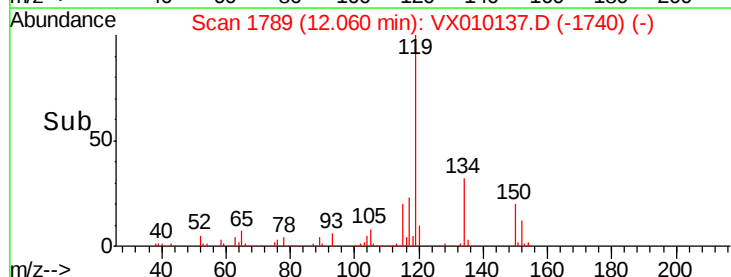
600000

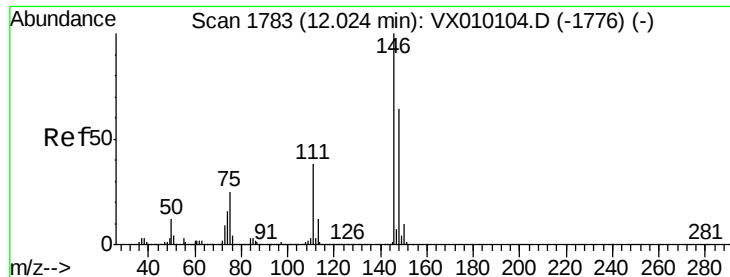
400000

200000

0

Time-->

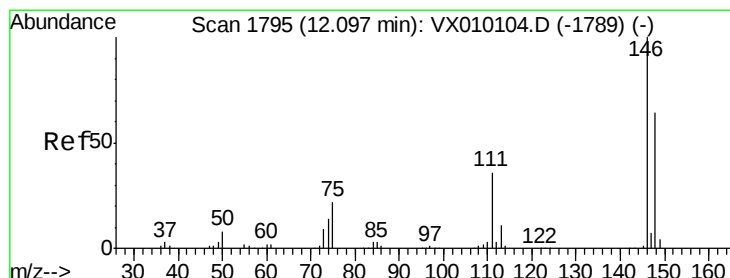
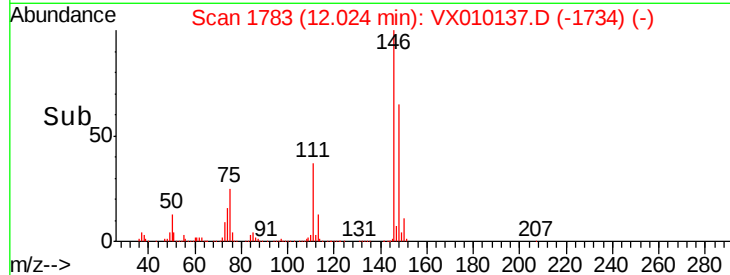
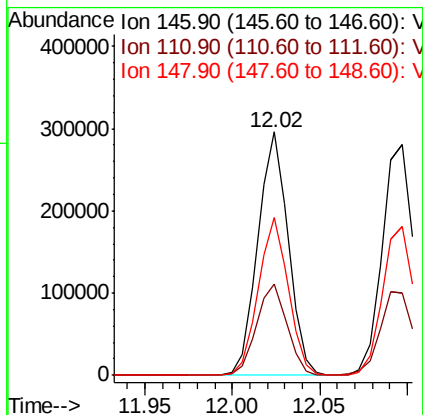
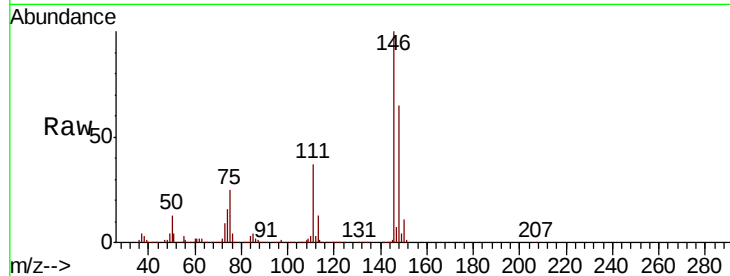




#87
 1,3-Dichlorobenzene
 Concen: 47.843 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010137.D
 Acq: 08 Jun 2019 14:38

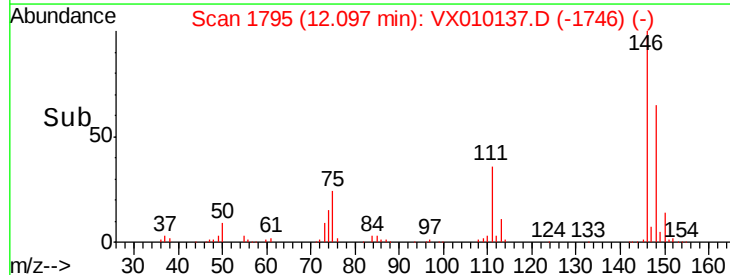
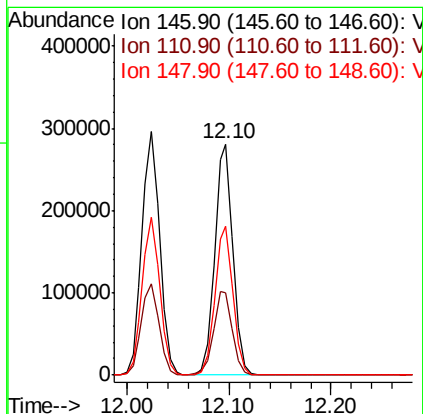
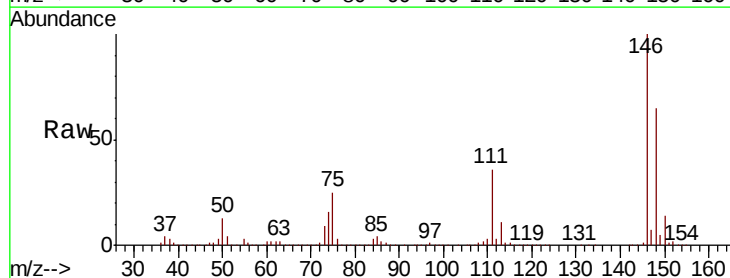
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

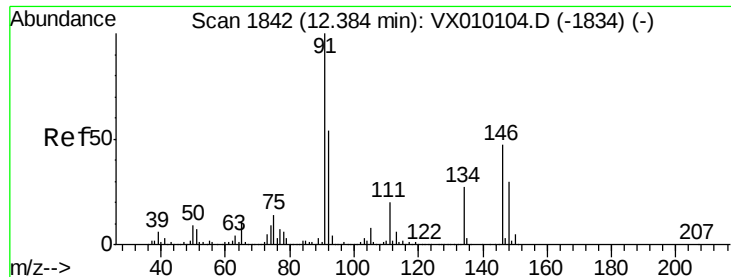
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	20.1	60.2
148	64.0	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.786 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010137.D
 Acq: 08 Jun 2019 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	20.0	59.9
148	64.4	32.3	96.9

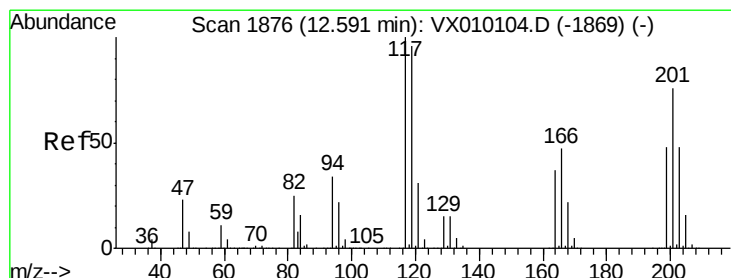
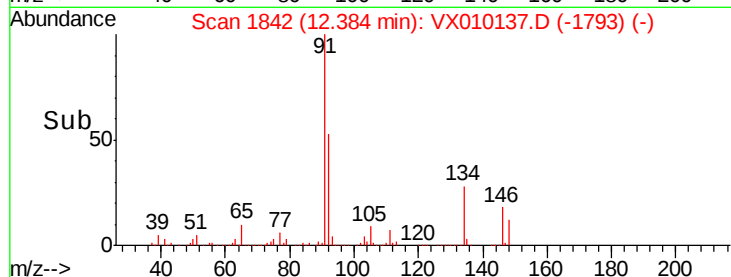
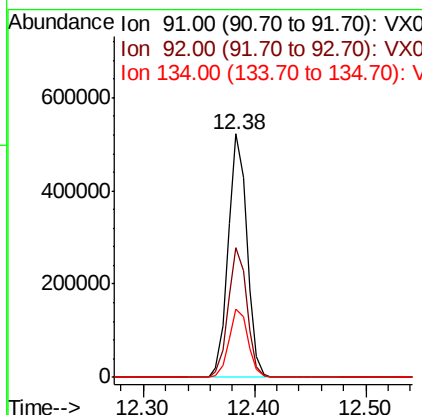
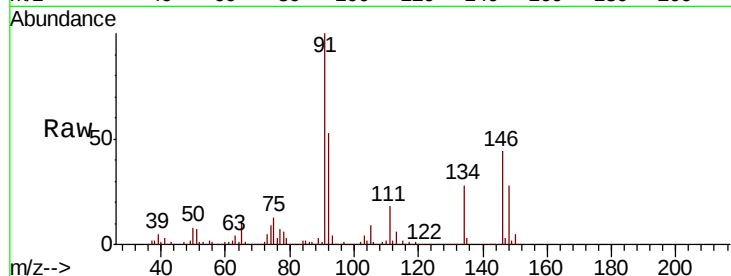




#89
n-Butylbenzene
Concen: 50.251 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

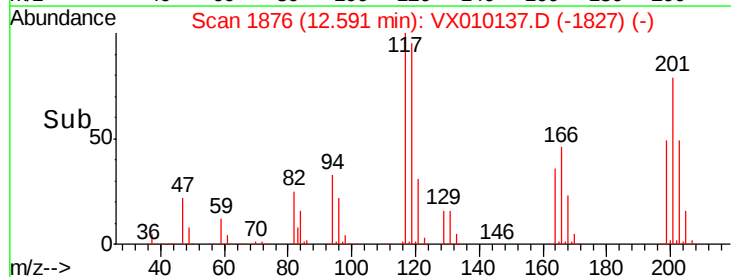
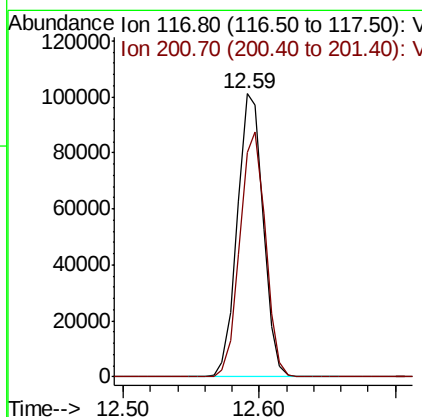
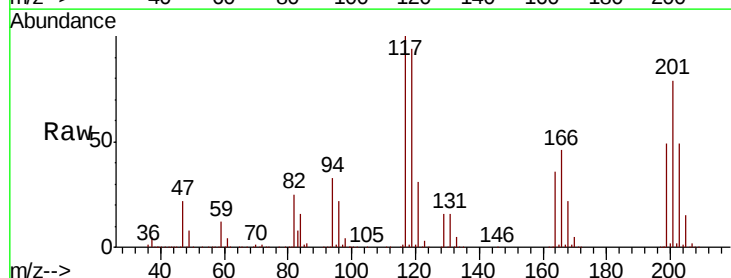
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

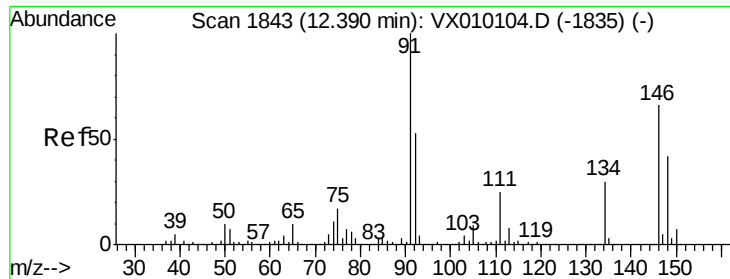
Tgt Ion: 91 Resp: 605557
Ion Ratio Lower Upper
91 100
92 53.2 26.3 78.8
134 28.5 12.3 36.8



#90
Hexachloroethane
Concen: 47.935 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010137.D
Acq: 08 Jun 2019 14:38

Tgt Ion: 117 Resp: 133681
Ion Ratio Lower Upper
117 100
201 85.8 43.6 130.9

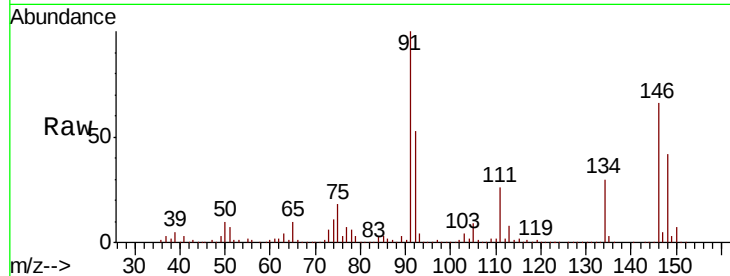




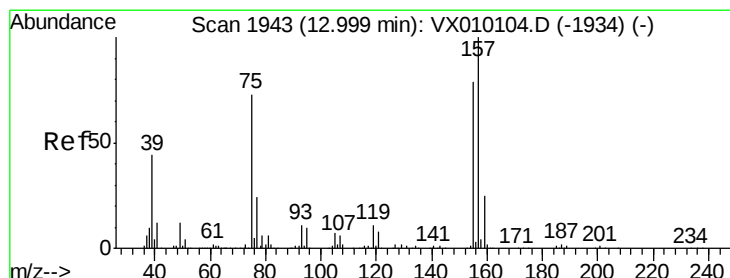
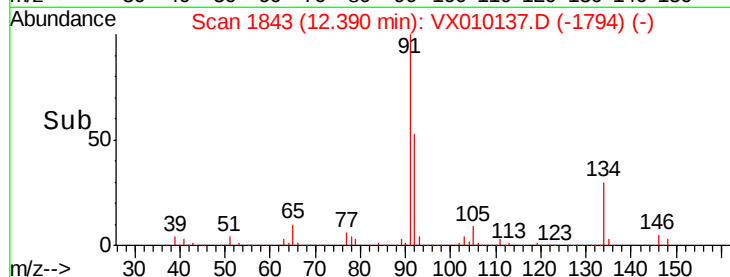
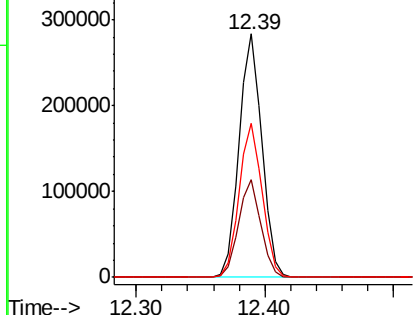
#91
 1,2-Dichlorobenzene
 Concen: 47.915 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010137.D
 Acq: 08 Jun 2019 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 146 Resp: 347900
 Ion Ratio Lower Upper
 146 100
 111 39.2 21.1 63.1
 148 63.7 32.3 96.8

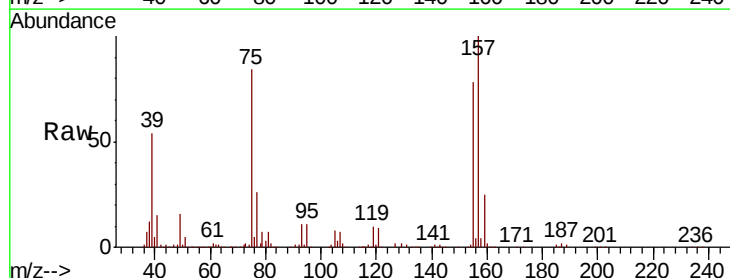


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

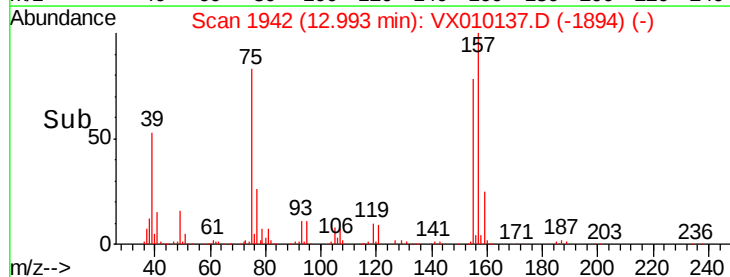
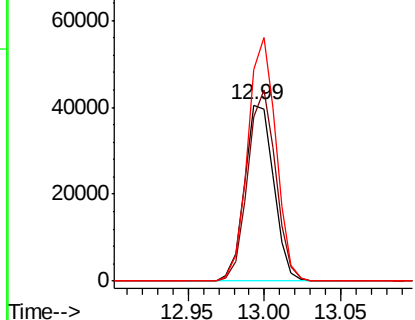


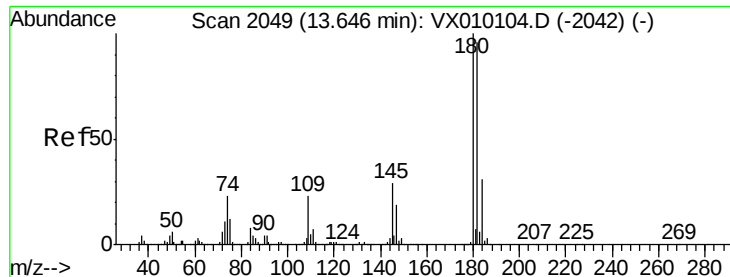
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.235 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX010137.D
 Acq: 08 Jun 2019 14:38

Tgt Ion: 75 Resp: 53698
 Ion Ratio Lower Upper
 75 100
 155 104.3 39.3 117.8
 157 133.7 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

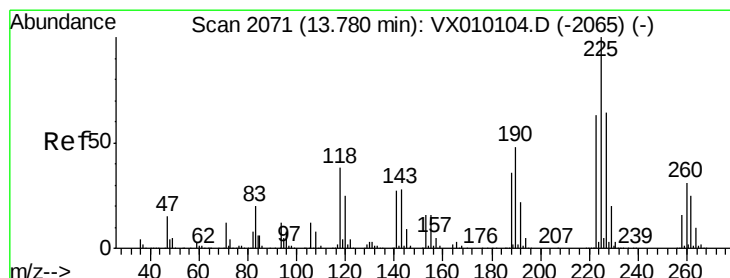
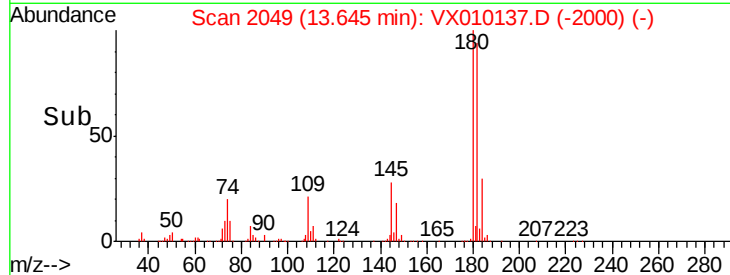
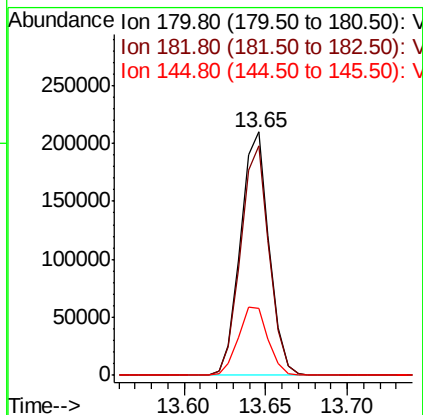
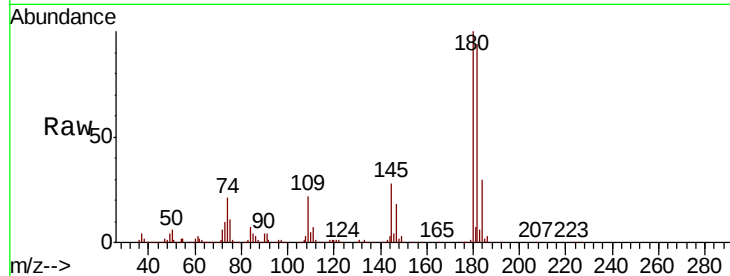




#93
 1,2,4-Trichlorobenzene
 Concen: 48.241 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010137.D
 Acq: 08 Jun 2019 14:38

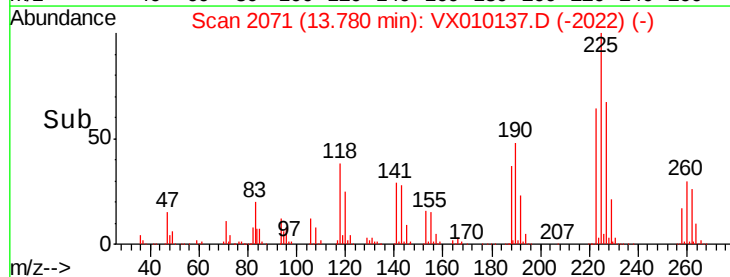
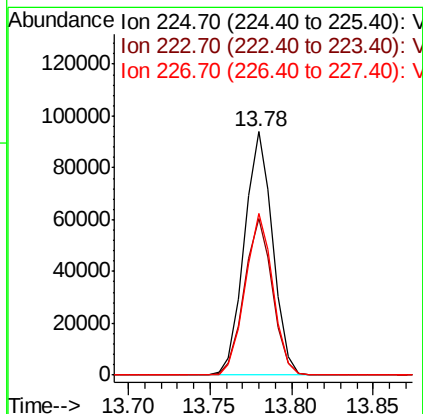
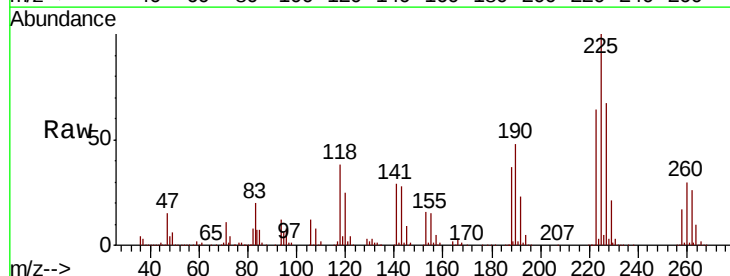
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

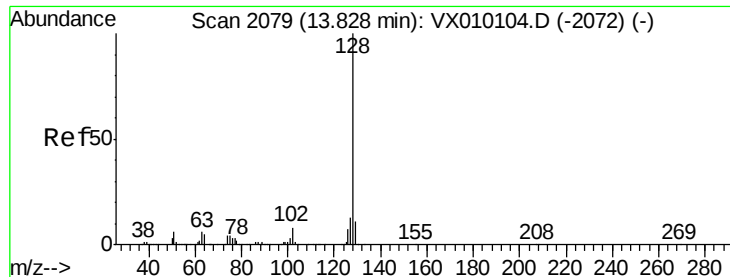
Tgt Ion:180 Resp: 256395
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.4 142.2
 145 29.2 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 48.036 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010137.D
 Acq: 08 Jun 2019 14:38

Tgt Ion:225 Resp: 113541
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.3 93.8
 227 65.2 32.3 96.8





#95

Naphthalene

Concen: 46.000 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

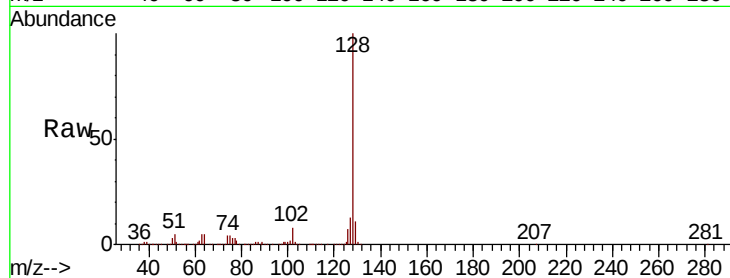
Tgt Ion:128 Resp: 769608

Ion Ratio Lower Upper

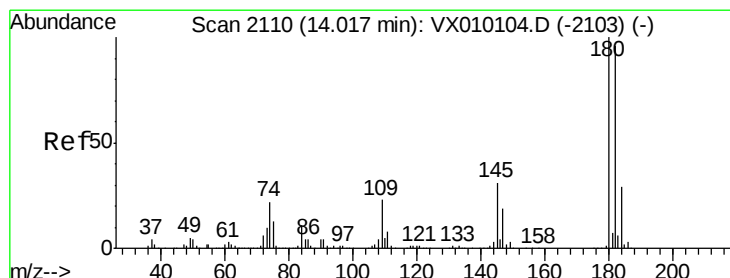
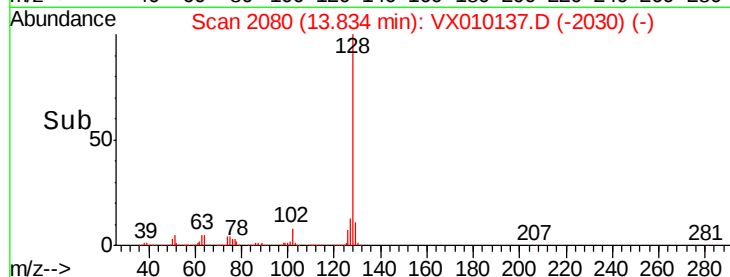
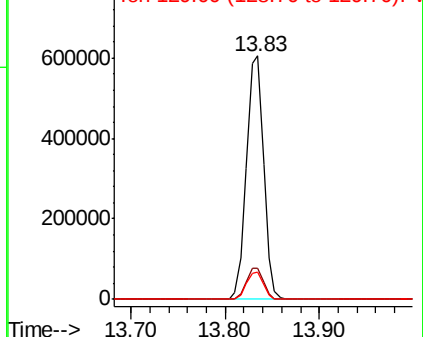
128 100

127 12.8 10.6 16.0

129 11.1 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: 47.555 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010137.D

Acq: 08 Jun 2019 14:38

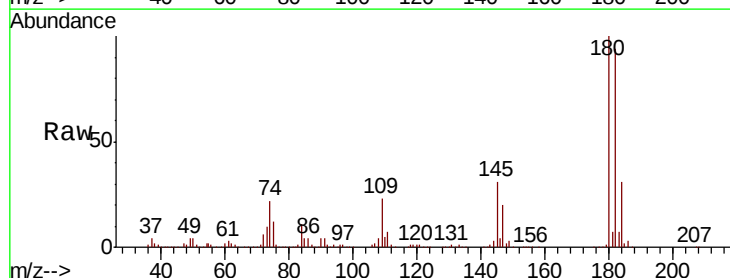
Tgt Ion:180 Resp: 249903

Ion Ratio Lower Upper

180 100

182 94.7 47.3 142.0

145 31.3 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

