

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060519\
 Data File : VX010065.D
 Acq On : 05 Jun 2019 10:20
 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 05 10:40:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	162274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	246075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117352	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109721	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	5.49	113	81170	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
50) Toluene-d8	8.71	98	333239	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
62) 4-Bromofluorobenzene	11.13	95	125031	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	113607	57.292	ug/l	99
3) Chloromethane	1.32	50	122664	46.014	ug/l	100
4) Vinyl Chloride	1.41	62	115441	48.037	ug/l	98
5) Bromomethane	1.64	94	79667	54.716	ug/l	97
6) Chloroethane	1.71	64	68417	46.248	ug/l	99
7) Trichlorofluoromethane	1.92	101	133746	50.364	ug/l	98
8) Diethyl Ether	2.19	74	56626	45.376	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	83144	51.858	ug/l	98
10) Methyl Iodide	2.51	142	89700	45.630	ug/l	100
11) Tert butyl alcohol	3.06	59	130613	231.533	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83126	50.582	ug/l	99
13) Acrolein	2.29	56	91284	230.118	ug/l	99
14) Allyl chloride	2.73	41	197554	49.459	ug/l	98
15) Acrylonitrile	3.14	53	316266	232.678	ug/l	99
16) Acetone	2.45	43	336406	254.003	ug/l	98
17) Carbon Disulfide	2.57	76	255949	51.424	ug/l	100
18) Methyl Acetate	2.78	43	140801	45.689	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	312464	50.361	ug/l	99
20) Methylene Chloride	2.85	84	98828	48.728	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	91189	49.869	ug/l	98
22) Diisopropyl ether	3.85	45	376862	49.588	ug/l	98
23) Vinyl Acetate	3.81	43	1699220	248.886	ug/l	99
24) 1,1-Dichloroethane	3.70	63	183196	49.740	ug/l	100
25) 2-Butanone	4.67	43	497286	241.001	ug/l	99
26) 2,2-Dichloropropane	4.58	77	144915	52.014	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	103476	49.023	ug/l	100
28) Bromochloromethane	5.01	49	86456	45.236	ug/l	100
29) Tetrahydrofuran	5.12	42	311775	235.624	ug/l	98
30) Chloroform	5.21	83	167635	50.469	ug/l	99
31) Cyclohexane	5.57	56	184728	52.956	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	143907	53.198	ug/l	99
36) 1,1-Dichloropropene	5.79	75	134753	53.972	ug/l	100
37) Ethyl Acetate	4.83	43	179139	51.494	ug/l	99
38) Carbon Tetrachloride	5.78	117	121962	56.529	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060519\
 Data File : VX010065.D
 Acq On : 05 Jun 2019 10:20
 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 05 10:40:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172722	58.321	ug/l	99
40) Benzene	6.14	78	399796	53.980	ug/l	97
41) Methacrylonitrile	5.04	41	100910	49.641	ug/l	100
42) 1,2-Dichloroethane	6.19	62	144638	52.824	ug/l	99
43) Isopropyl Acetate	6.44	43	288568	51.408	ug/l	99
44) Trichloroethene	7.21	130	96974	53.903	ug/l	95
45) 1,2-Dichloropropane	7.51	63	111879	52.475	ug/l	98
46) Dibromomethane	7.66	93	65367	52.086	ug/l	98
47) Bromodichloromethane	7.90	83	132086	55.348	ug/l	99
48) Methyl methacrylate	7.77	41	148149	53.314	ug/l	98
49) 1,4-Dioxane	7.74	88	54259	1049.743	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	950506	260.304	ug/l	99
52) Toluene	8.78	92	250773	55.766	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	159977	55.895	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	172601	55.349	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	97358	53.791	ug/l	96
56) Ethyl methacrylate	9.18	69	181320	56.271	ug/l	98
57) 1,3-Dichloropropane	9.37	76	173732	53.449	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	484857	286.954	ug/l	99
59) 2-Hexanone	9.49	43	757483	269.441	ug/l	99
60) Dibromochloromethane	9.58	129	101763	57.157	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101337	54.499	ug/l	100
64) Tetrachloroethene	9.34	164	92876	58.715	ug/l	97
65) Chlorobenzene	10.13	112	262997	55.474	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	94423	57.423	ug/l	99
67) Ethyl Benzene	10.25	91	485602	57.047	ug/l	99
68) m/p-Xylenes	10.36	106	362601	115.303	ug/l	99
69) o-Xylene	10.69	106	173358	57.480	ug/l	100
70) Styrene	10.71	104	307683	58.179	ug/l	99
71) Bromoform	10.85	173	79849	59.407	ug/l #	100
73) Isopropylbenzene	11.02	105	469909	54.271	ug/l	100
74) N-amyl acetate	10.90	43	266496	51.508	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	160546	49.701	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	196297	59.089	ug/l	81
77) Bromobenzene	11.26	156	116848	52.955	ug/l	99
78) n-propylbenzene	11.36	91	553495	55.459	ug/l	99
79) 2-Chlorotoluene	11.42	91	322811	52.940	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	401786	55.081	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	59540	52.494	ug/l	100
82) 4-Chlorotoluene	11.51	91	378797	53.364	ug/l	99
83) tert-Butylbenzene	11.77	119	384865	55.149	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	404417	54.593	ug/l	98
85) sec-Butylbenzene	11.94	105	467334	56.290	ug/l	99
86) p-Isopropyltoluene	12.06	119	434950	58.244	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211518	53.843	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	213016	53.169	ug/l	99
89) n-Butylbenzene	12.38	91	404317	57.611	ug/l	100
90) Hexachloroethane	12.59	117	73508	57.359	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	205849	53.148	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36475	47.971	ug/l	99

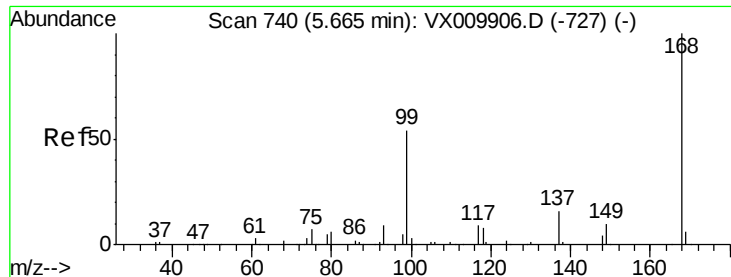
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060519\
Data File : VX010065.D
Acq On : 05 Jun 2019 10:20
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jun 05 10:40:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Tue May 28 13:02:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	153649	55.512	ug/l	100
94) Hexachlorobutadiene	13.78	225	80624	58.074	ug/l	99
95) Naphthalene	13.83	128	465859	54.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	150407	54.288	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: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

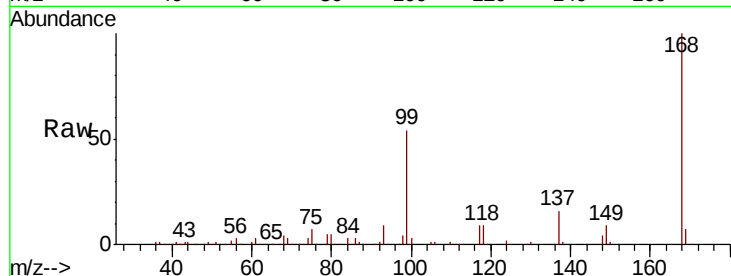
VSTDCCC050

Tgt Ion:168 Resp: 162274

Ion Ratio Lower Upper

168 100

99 53.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

40000

20000

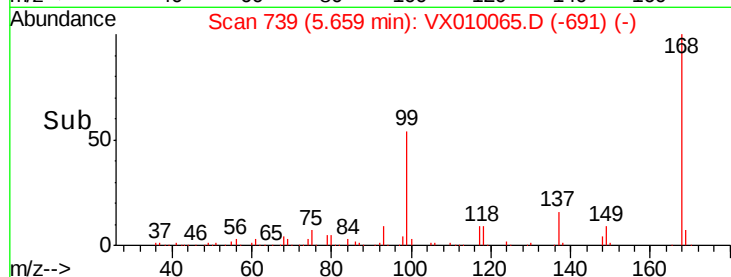
0

5.50

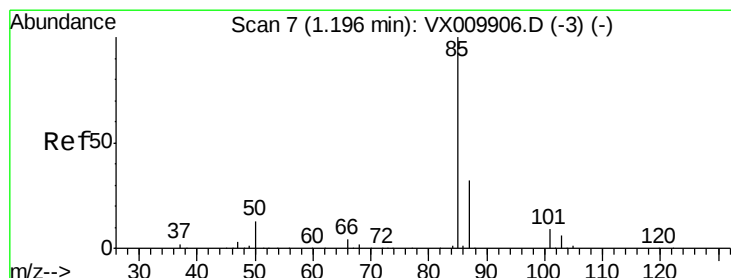
5.60

5.70

5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 57.292 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010065.D

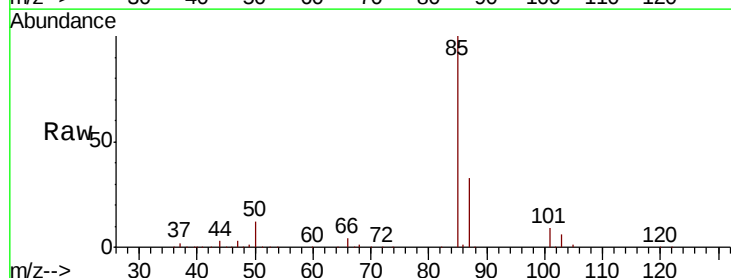
Acq: 05 Jun 2019 10:20

Tgt Ion: 85 Resp: 113607

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

40000

20000

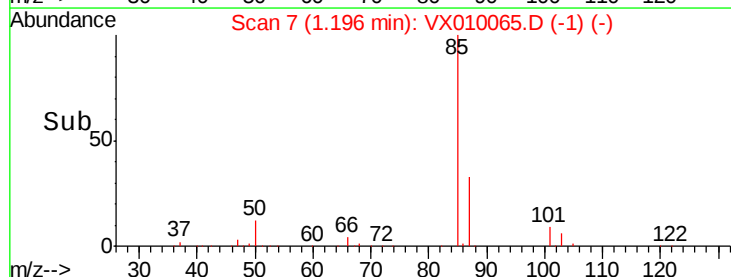
0

1.15

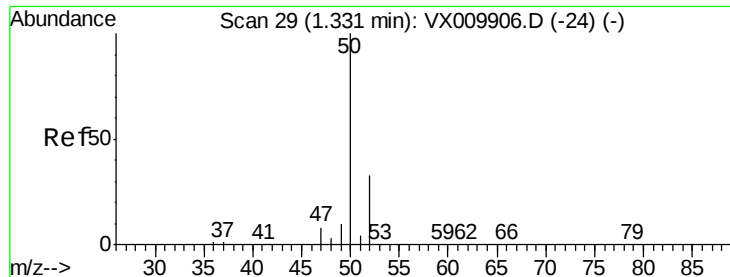
1.20

1.25

1.30



Time-->



#3

Chloromethane

Concen: 46.014 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

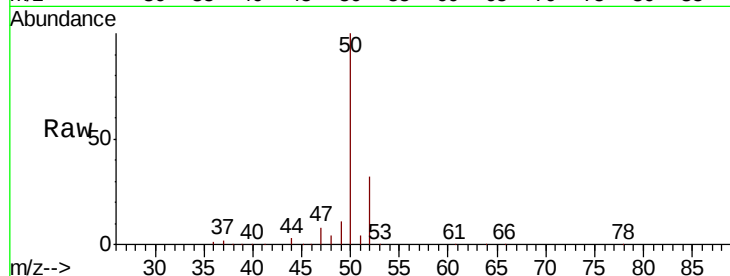
VSTDCCC050

Tgt Ion: 50 Resp: 122664

Ion Ratio Lower Upper

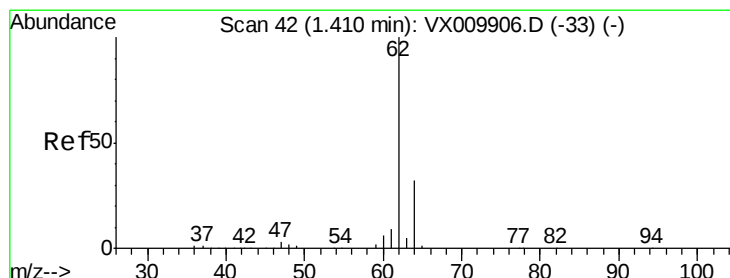
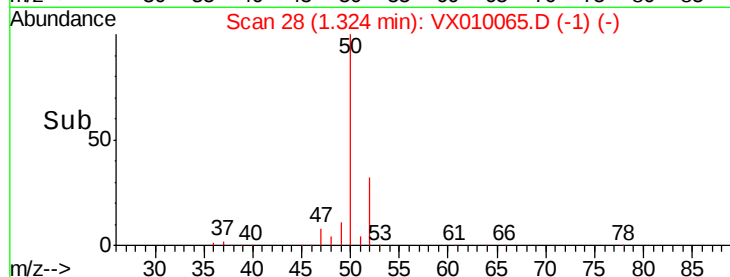
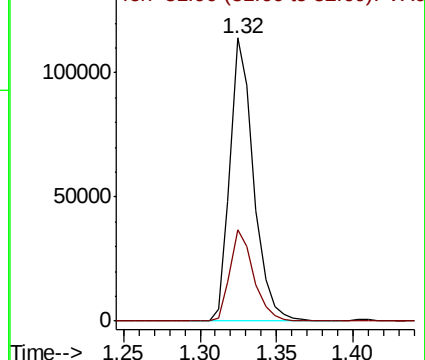
50 100

52 32.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.037 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010065.D

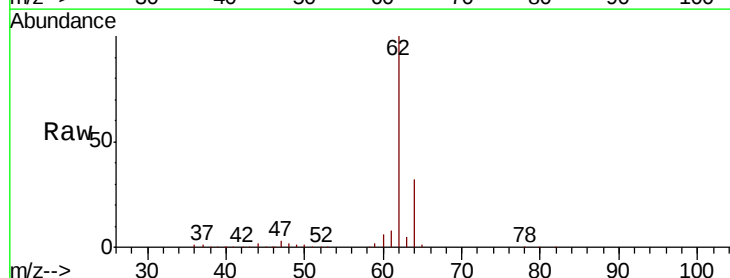
Acq: 05 Jun 2019 10:20

Tgt Ion: 62 Resp: 115441

Ion Ratio Lower Upper

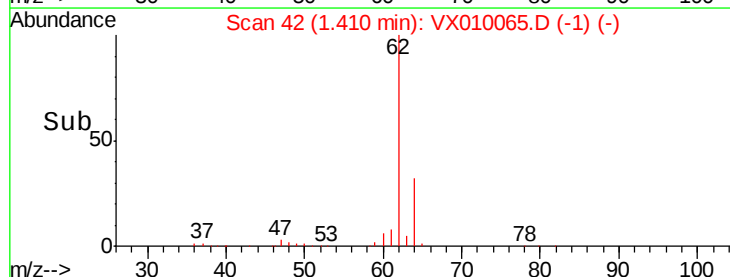
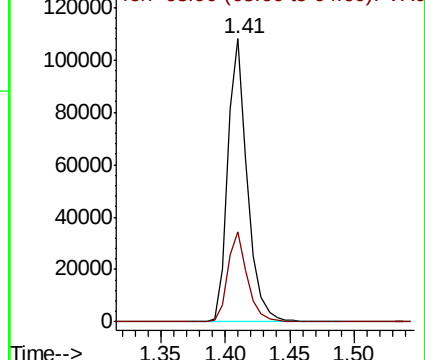
62 100

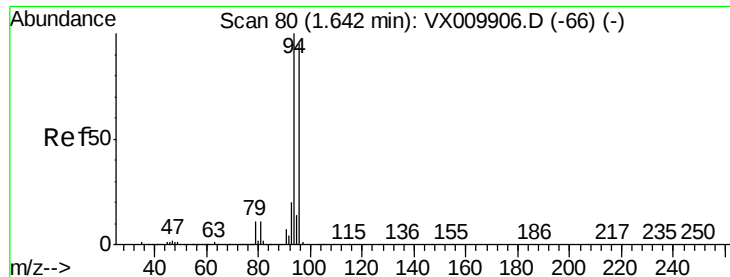
64 32.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.716 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

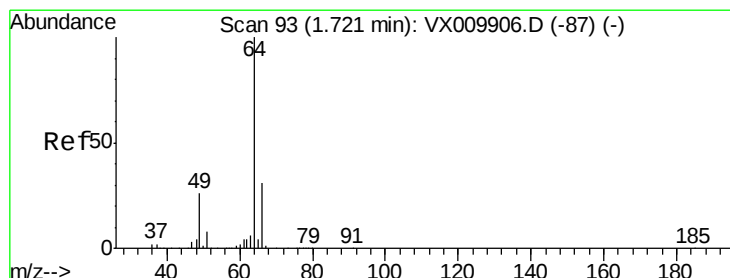
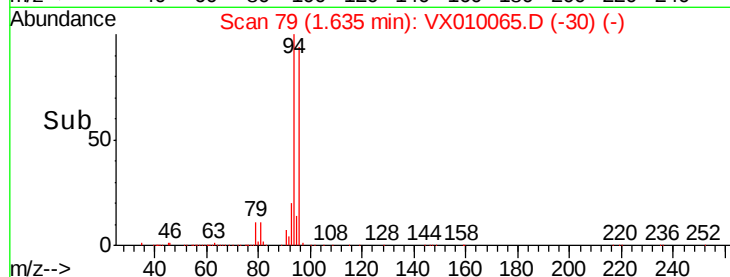
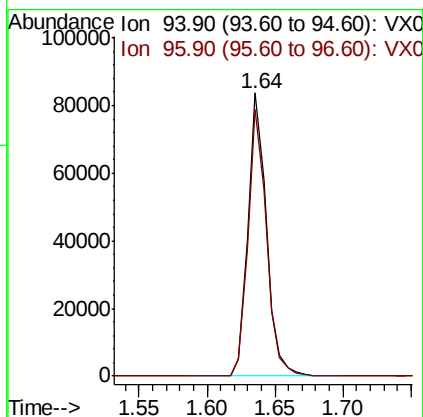
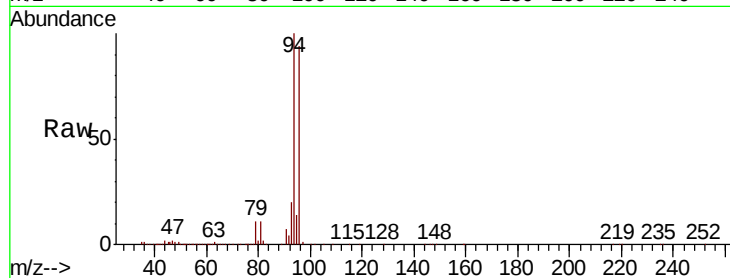
VSTDCCC050

Tgt Ion: 94 Resp: 79667

Ion Ratio Lower Upper

94 100

96 94.4 73.0 109.6



#6

Chloroethane

Concen: 46.248 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX010065.D

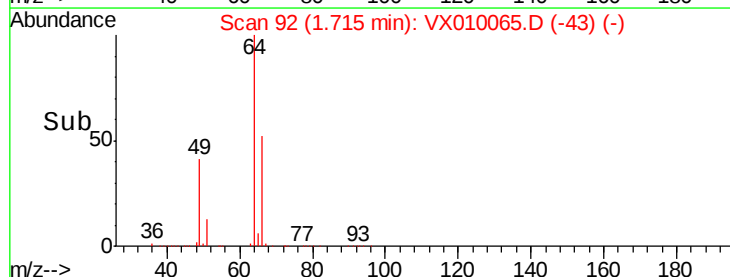
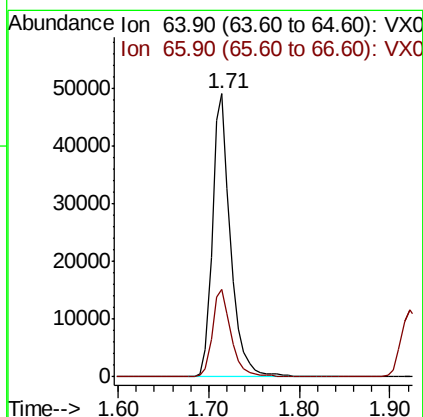
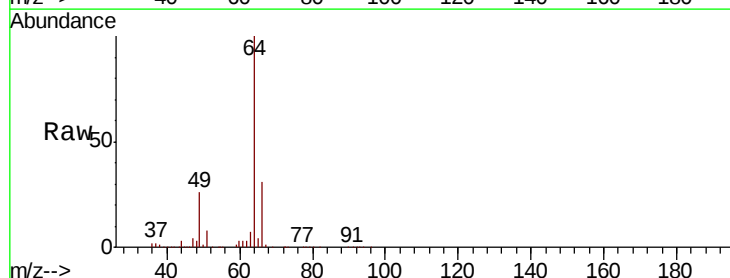
Acq: 05 Jun 2019 10:20

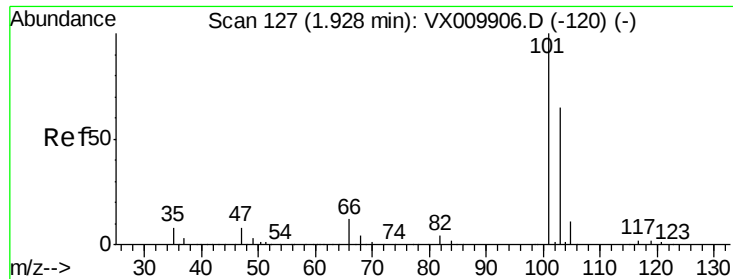
Tgt Ion: 64 Resp: 68417

Ion Ratio Lower Upper

64 100

66 30.9 25.3 37.9



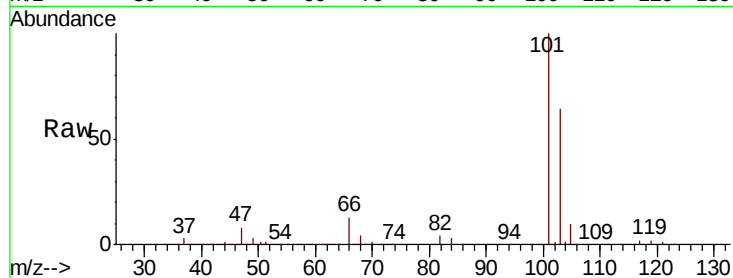


#7

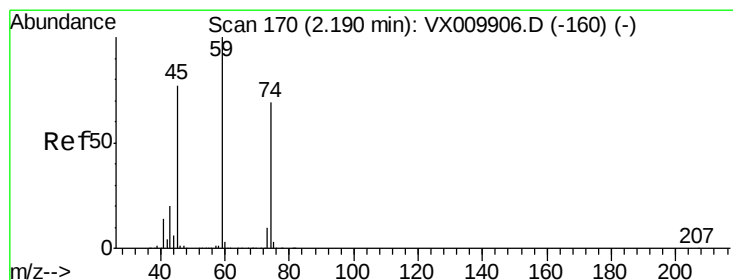
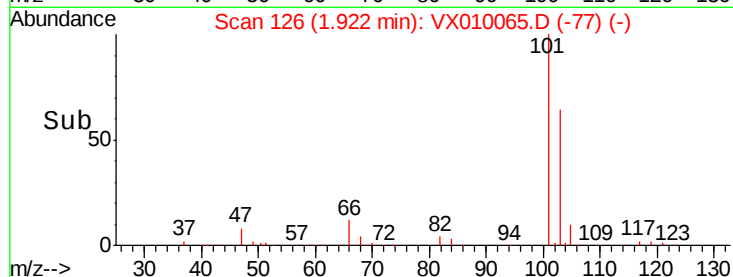
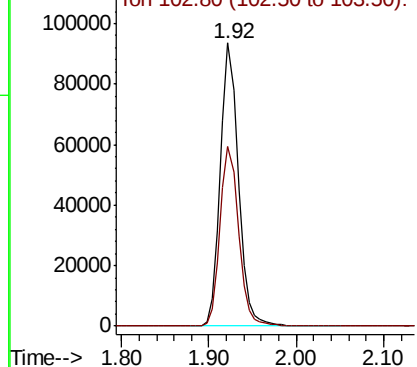
Trichlorofluoromethane
 Concen: 50.364 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 133746
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.4 78.6



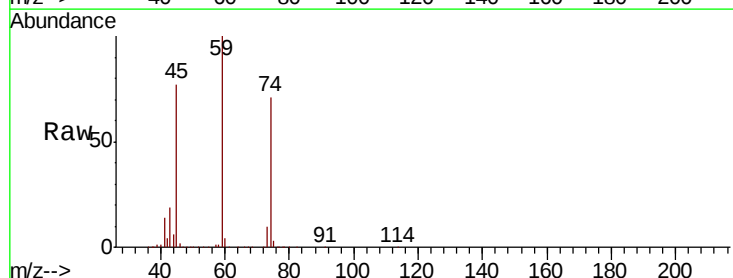
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



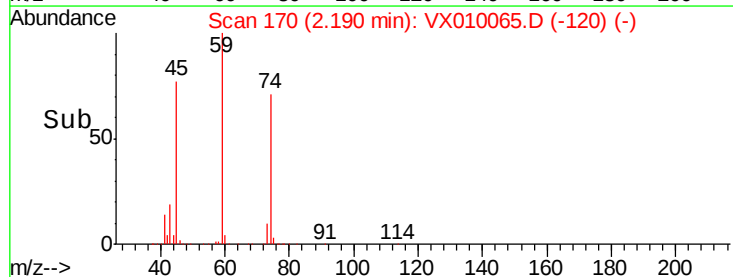
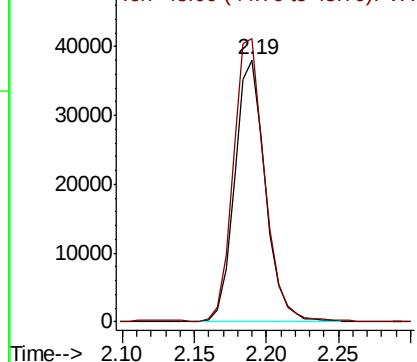
#8

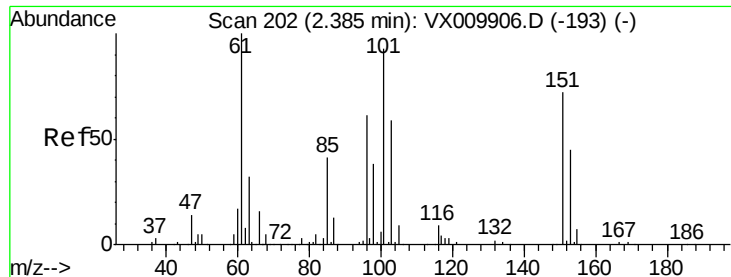
Diethyl Ether
 Concen: 45.376 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Tgt Ion: 74 Resp: 56626
 Ion Ratio Lower Upper
 74 100
 45 109.8 53.3 159.9



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: 51.858 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

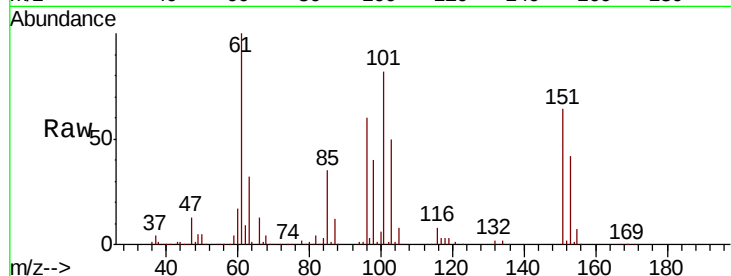
Tgt Ion:101 Resp: 83144

Ion Ratio Lower Upper

101 100

85 43.7 35.7 53.5

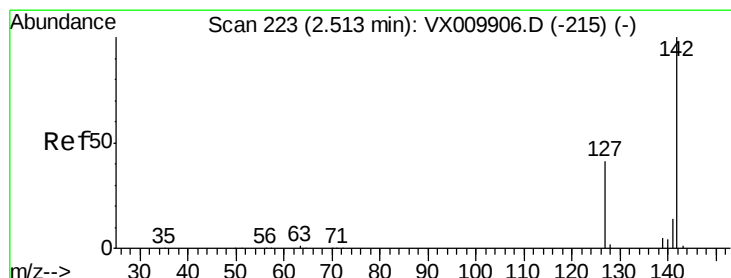
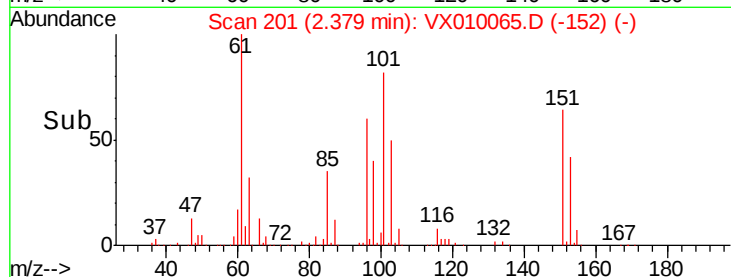
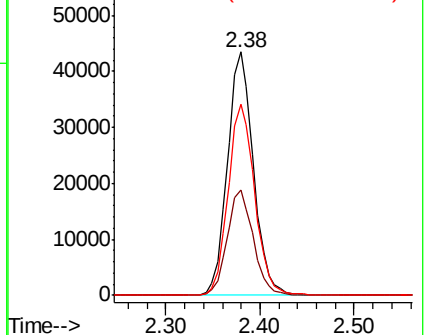
151 80.4 62.2 93.2



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: 45.630 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

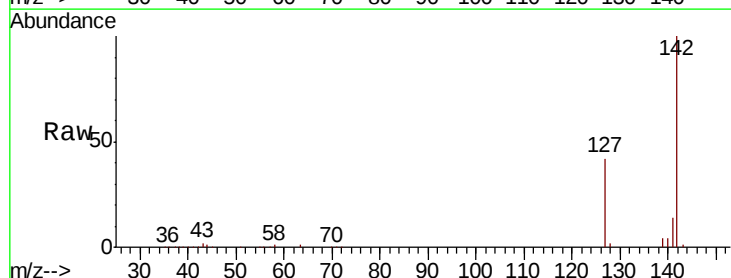
Tgt Ion:142 Resp: 89700

Ion Ratio Lower Upper

142 100

127 40.9 32.7 49.1

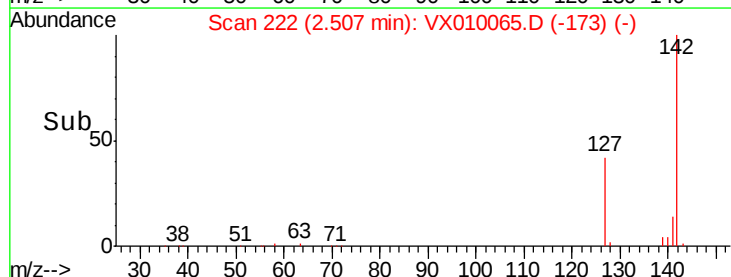
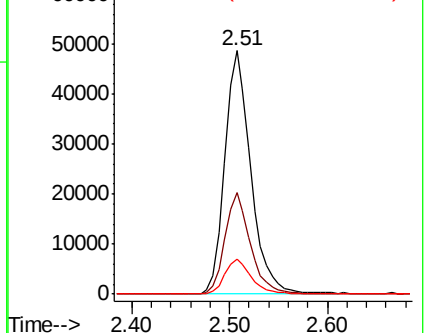
141 14.8 11.5 17.3

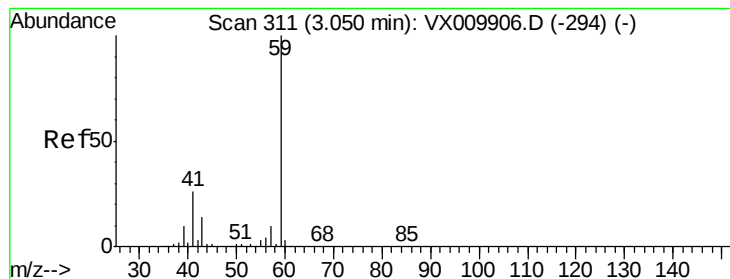


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



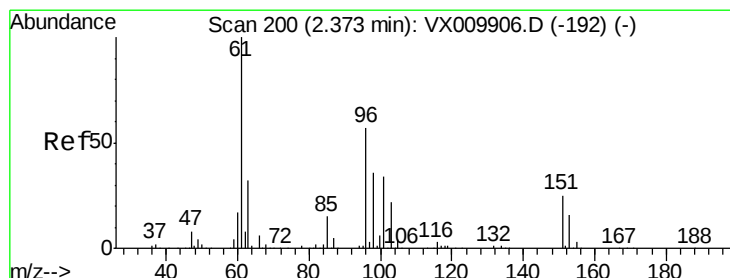
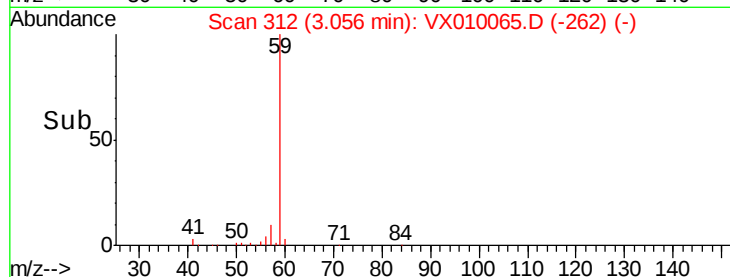
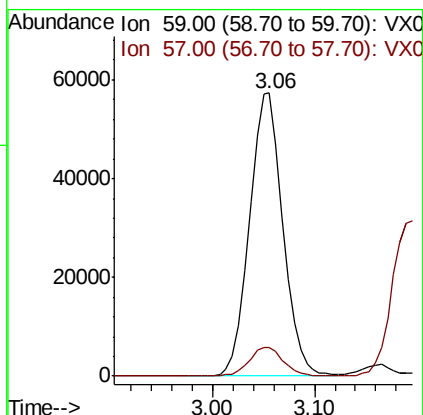
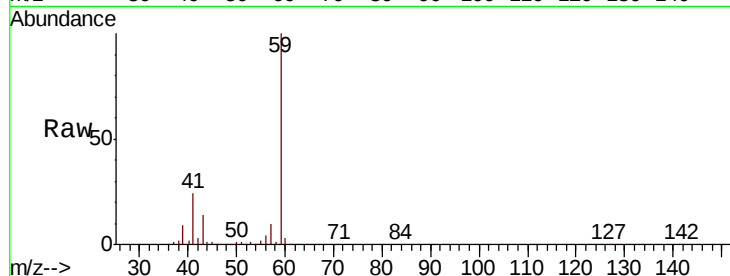


#11

Tert butyl alcohol
 Concen: 231.533 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

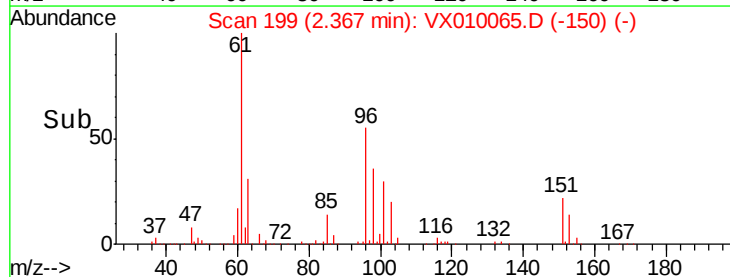
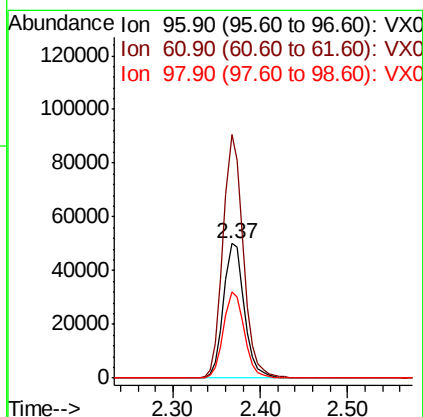
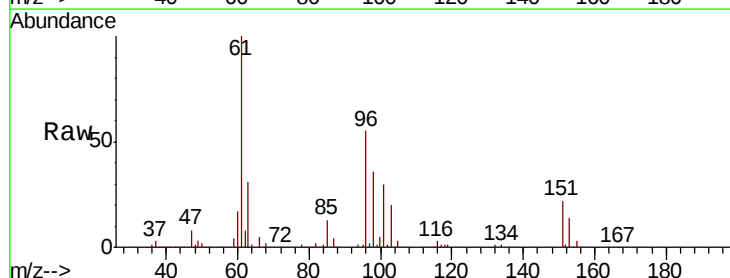
Tgt Ion: 59 Resp: 130613
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

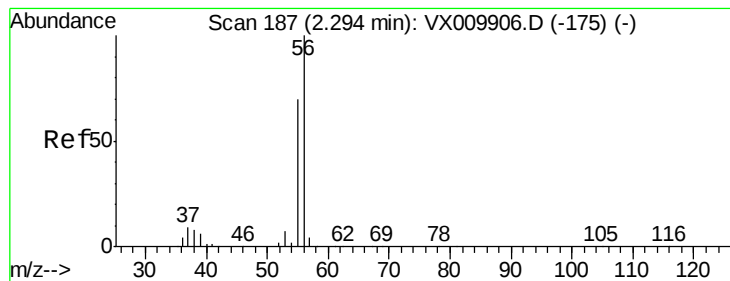


#12

1,1-Dichloroethene
 Concen: 50.582 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Tgt Ion: 96 Resp: 83126
 Ion Ratio Lower Upper
 96 100
 61 180.7 144.3 216.5
 98 64.4 50.3 75.5





#13

Acrolein

Concen: 230.118 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

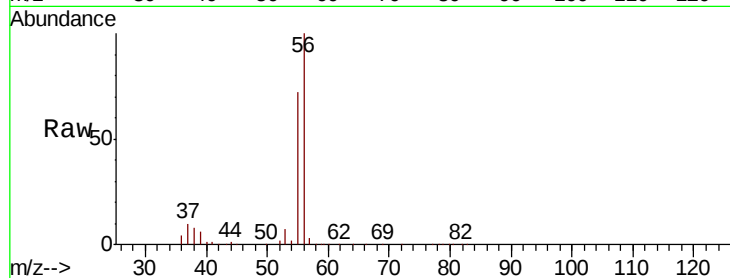
VSTDCCC050

Tgt Ion: 56 Resp: 91284

Ion Ratio Lower Upper

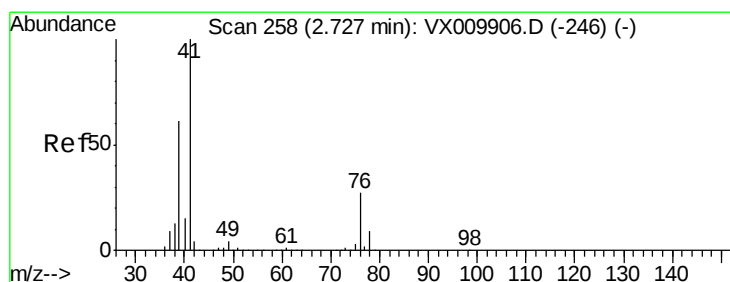
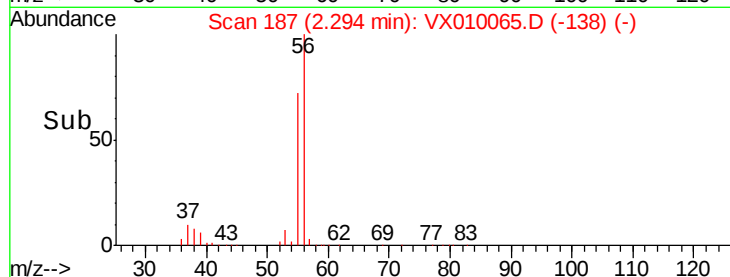
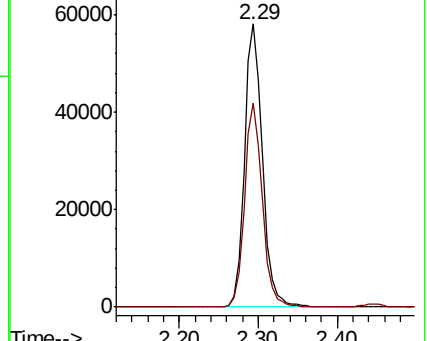
56 100

55 71.6 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.459 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

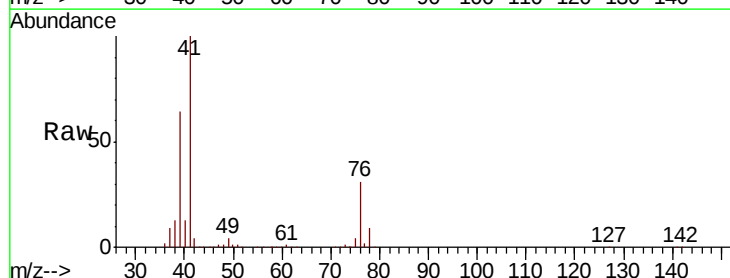
Tgt Ion: 41 Resp: 197554

Ion Ratio Lower Upper

41 100

39 59.8 46.7 70.1

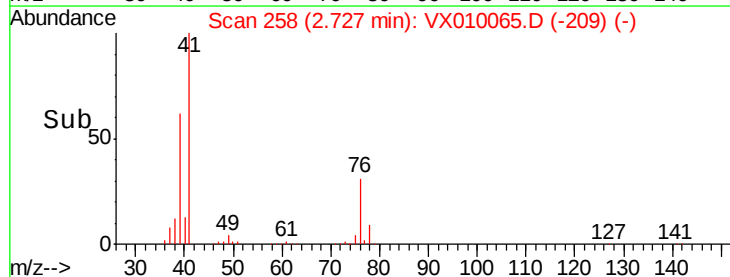
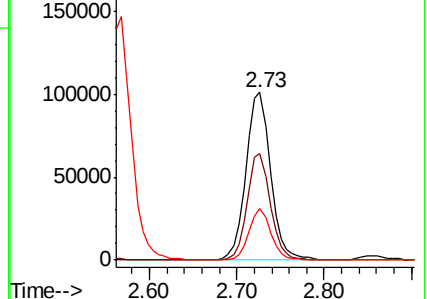
76 26.9 21.8 32.8

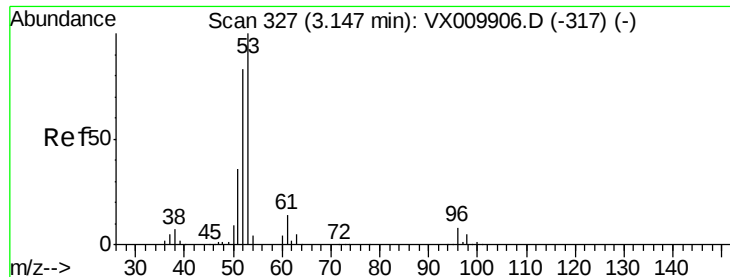


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 232.678 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

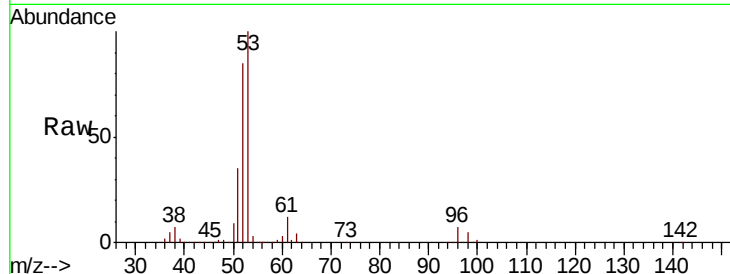
Tgt Ion: 53 Resp: 316266

Ion Ratio Lower Upper

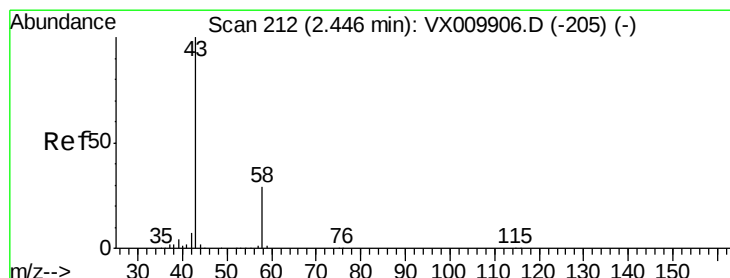
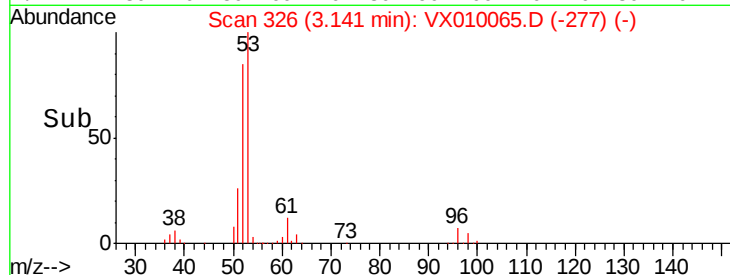
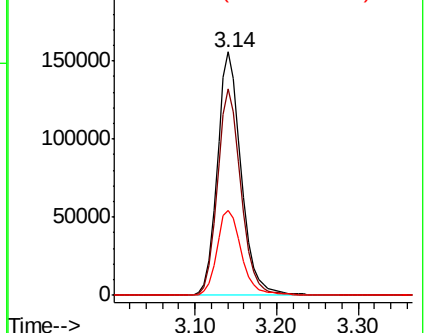
53 100

52 83.8 66.9 100.3

51 36.0 28.2 42.2



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



#16

Acetone

Concen: 254.003 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010065.D

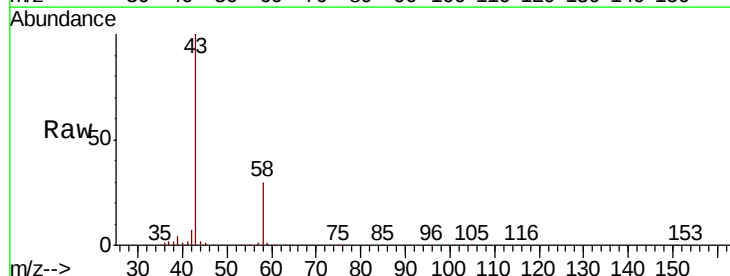
Acq: 05 Jun 2019 10:20

Tgt Ion: 43 Resp: 336406

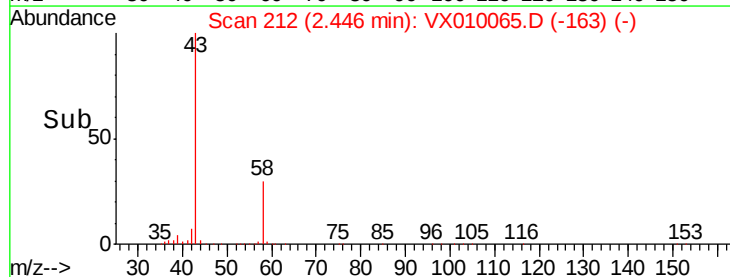
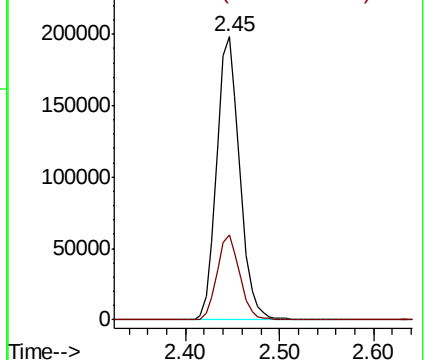
Ion Ratio Lower Upper

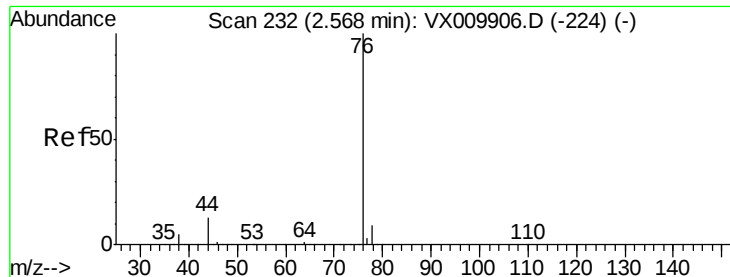
43 100

58 29.8 24.9 37.3



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

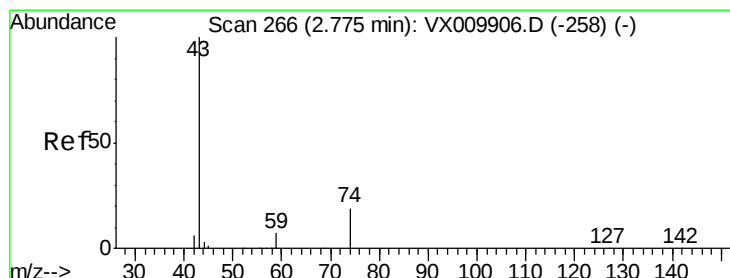
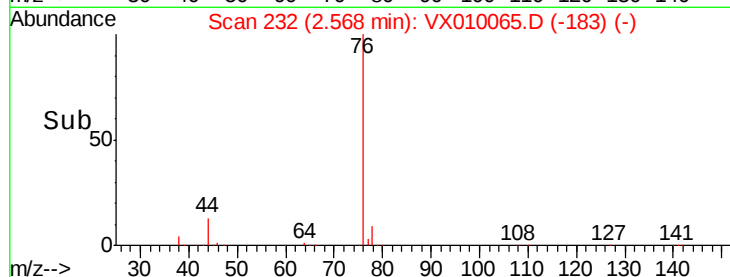
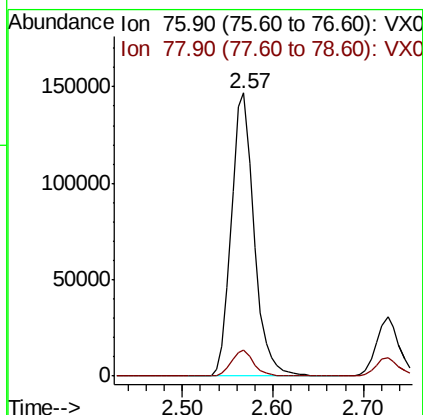
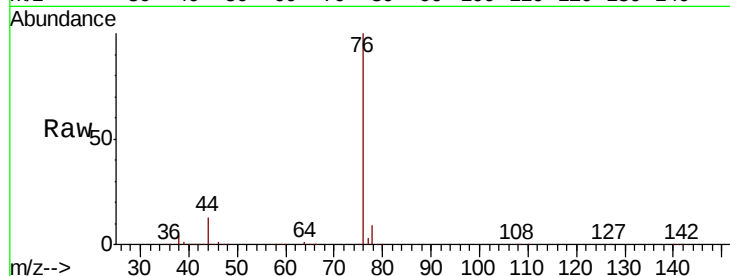




#17
Carbon Disulfide
Concen: 51.424 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

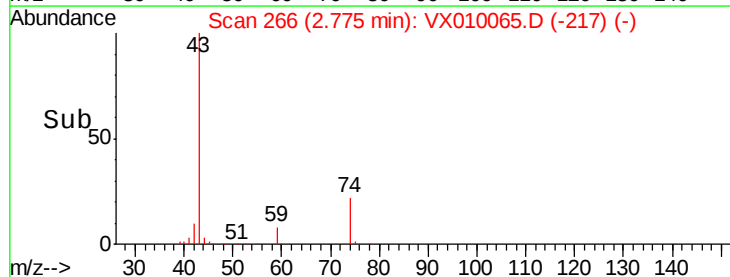
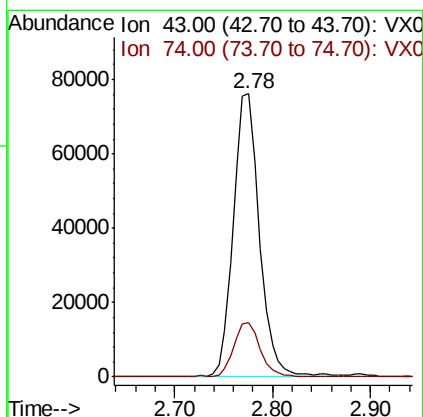
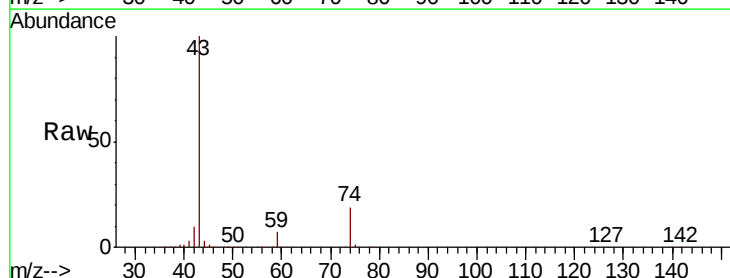
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

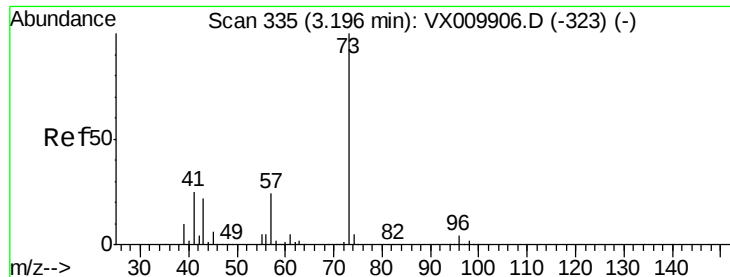
Tgt Ion: 76 Resp: 255949
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 45.689 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

Tgt Ion: 43 Resp: 140801
Ion Ratio Lower Upper
43 100
74 19.9 16.2 24.4



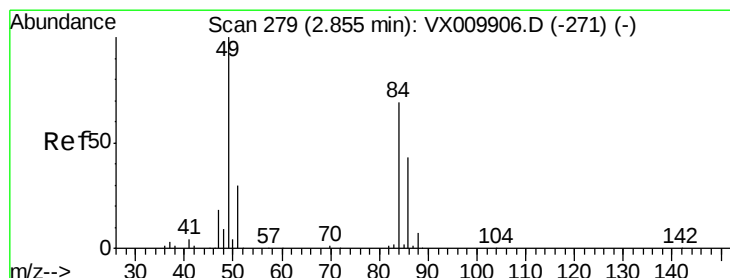
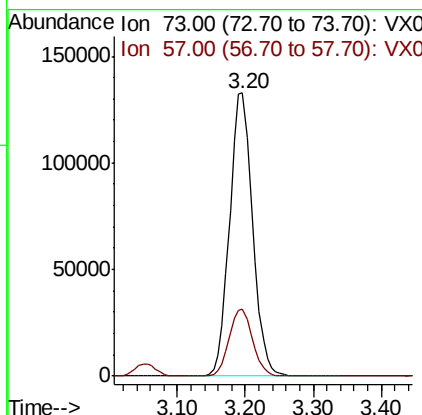
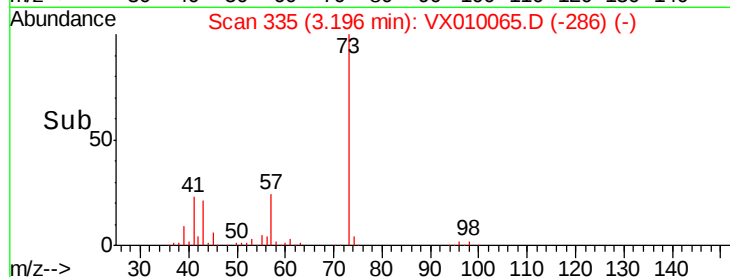
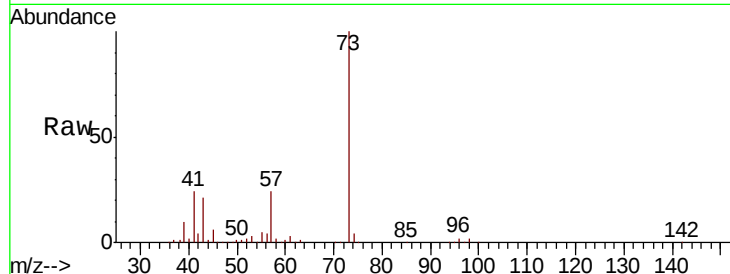


#19

Methyl tert-butyl Ether
 Concen: 50.361 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

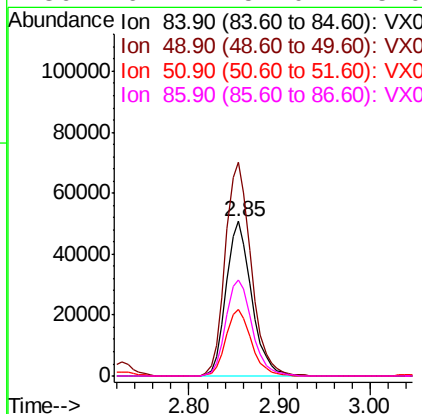
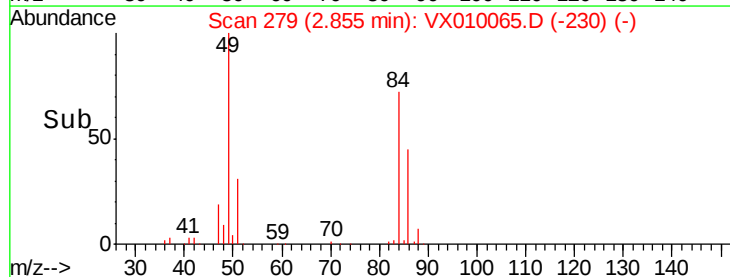
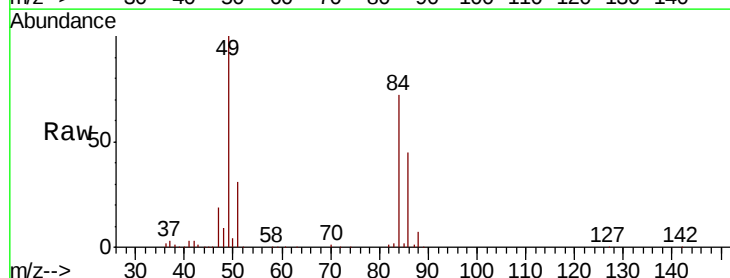
Tgt Ion: 73 Resp: 312464
 Ion Ratio Lower Upper
 73 100
 57 23.6 19.3 28.9

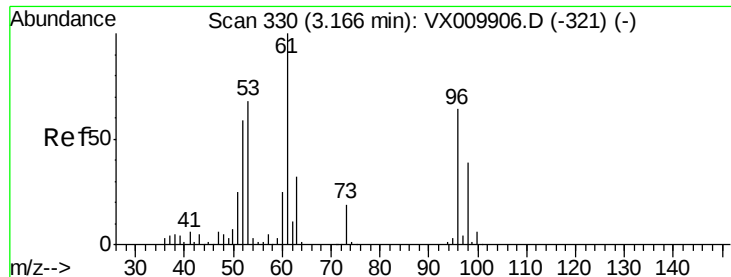


#20

Methylene Chloride
 Concen: 48.728 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Tgt Ion: 84 Resp: 98828
 Ion Ratio Lower Upper
 84 100
 49 138.3 109.9 164.9
 51 43.4 32.7 49.1
 86 62.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 49.869 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

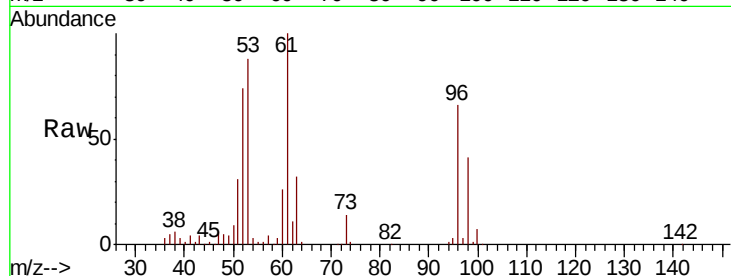
Tgt Ion: 96 Resp: 91189

Ion Ratio Lower Upper

96 100

61 151.8 124.5 186.7

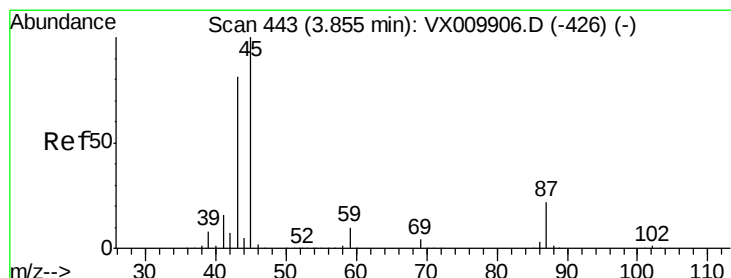
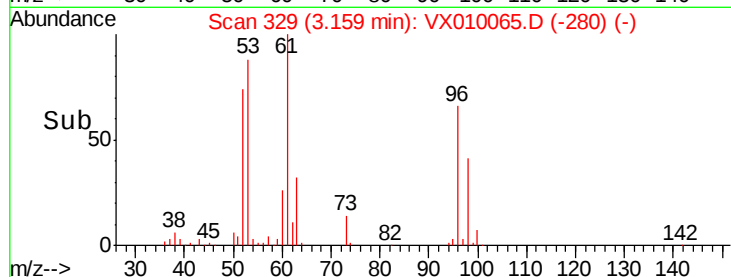
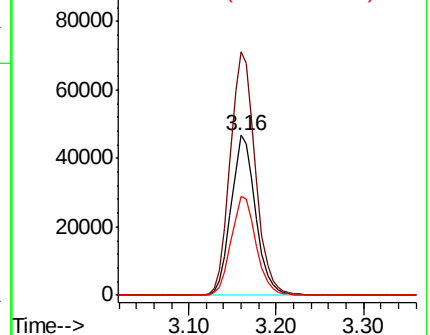
98 61.9 50.4 75.6



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: 49.588 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Tgt Ion: 45 Resp: 376862

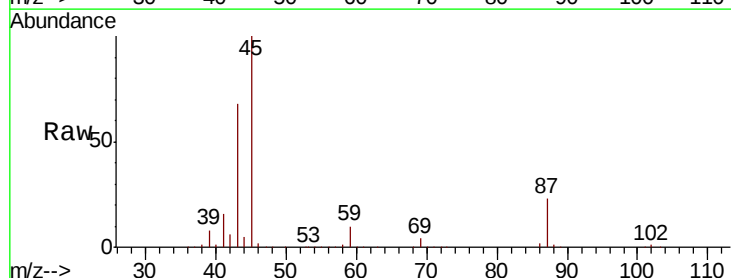
Ion Ratio Lower Upper

45 100

43 68.2 56.1 84.1

87 23.1 18.1 27.1

59 10.5 8.5 12.7

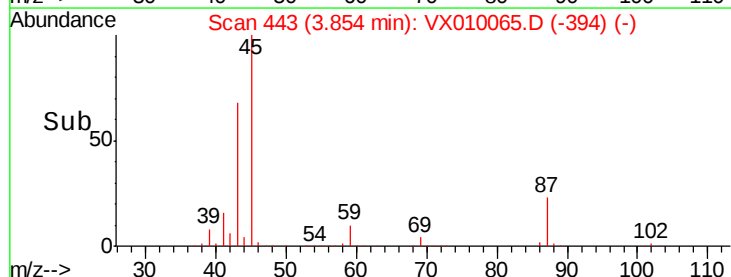
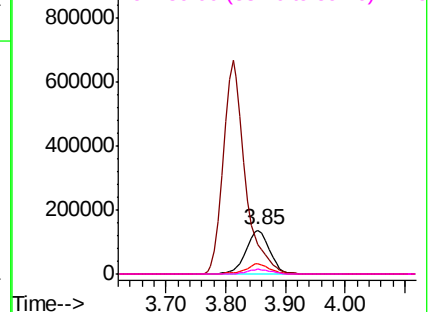


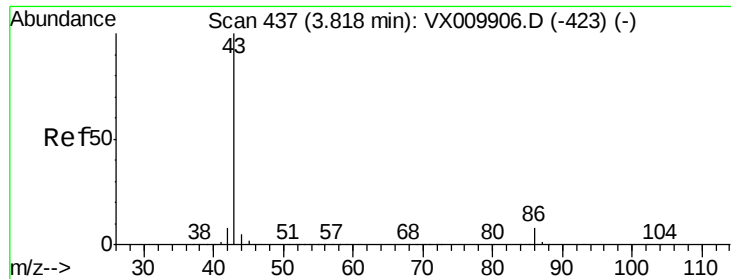
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

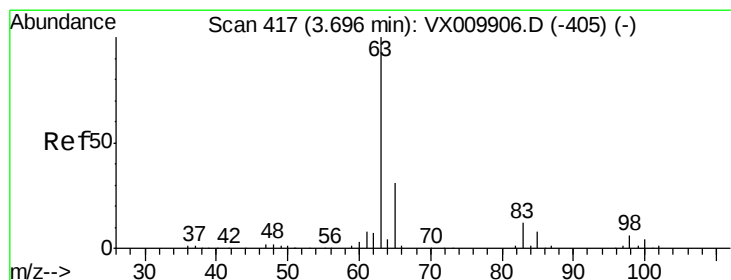
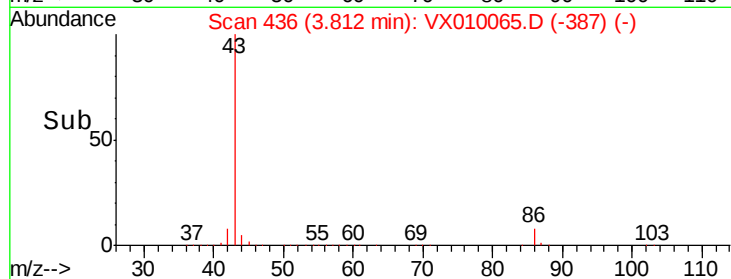
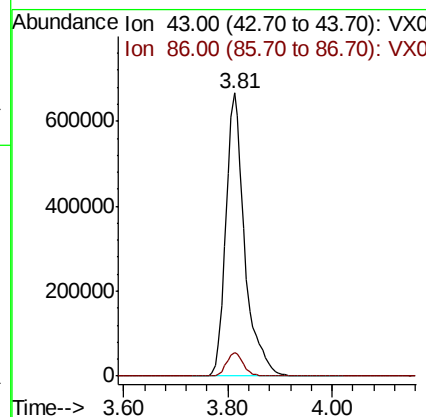
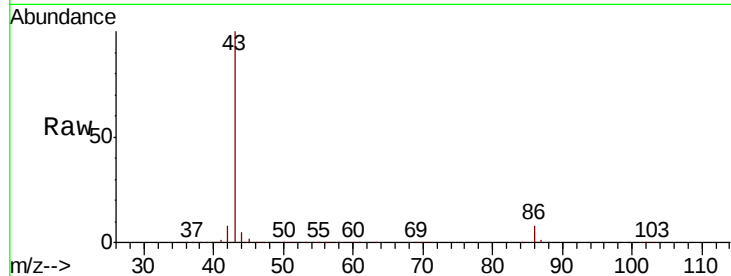




#23
 Vinyl Acetate
 Concen: 248.886 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

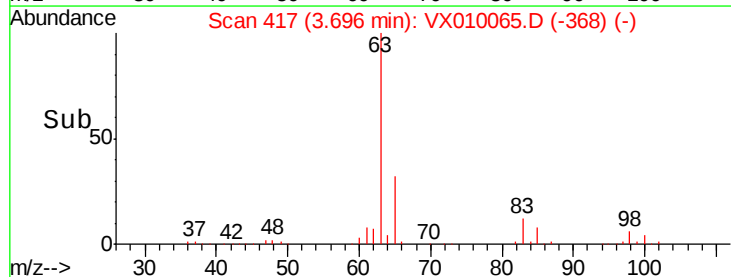
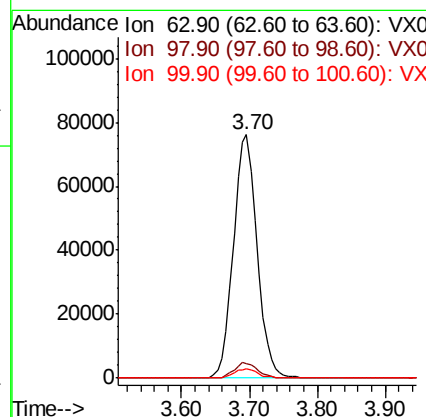
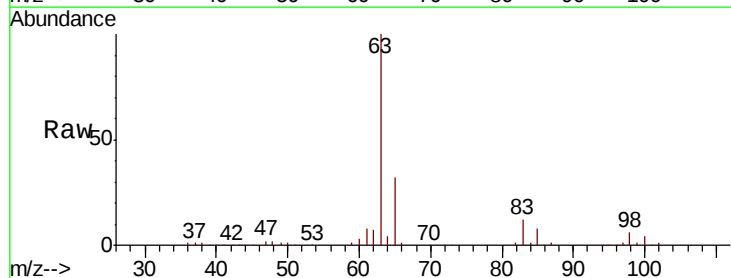
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

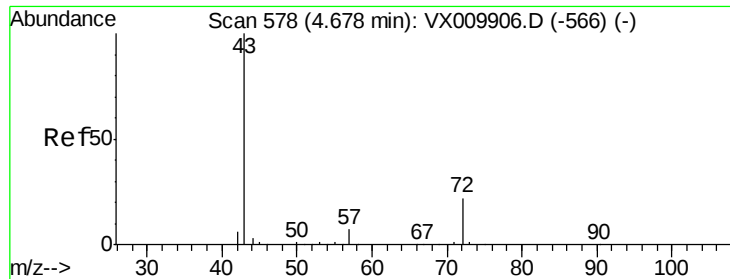
Tgt Ion: 43 Resp: 1699220
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 49.740 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Tgt Ion: 63 Resp: 183196
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.0 9.2
 100 4.1 2.0 6.0





#25

2-Butanone

Concen: 241.001 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

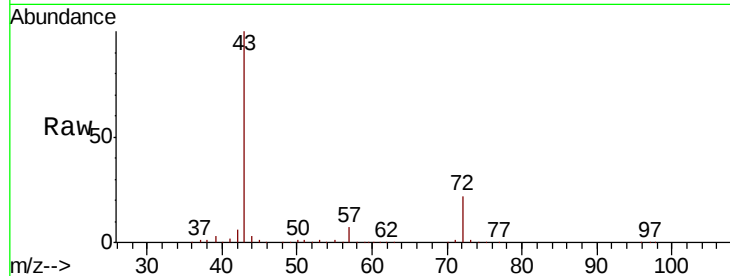
VSTDCCC050

Tgt Ion: 43 Resp: 497286

Ion Ratio Lower Upper

43 100

72 22.0 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

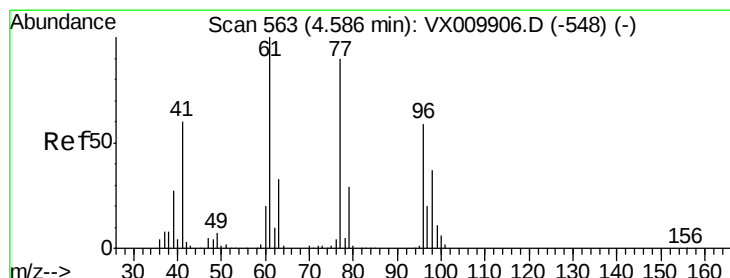
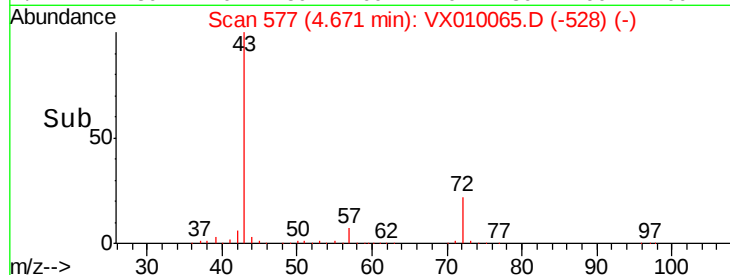
100000

50000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 52.014 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010065.D

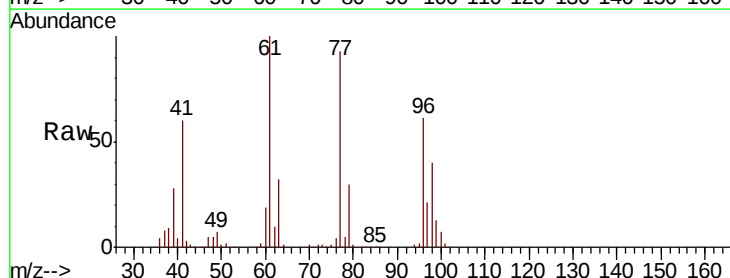
Acq: 05 Jun 2019 10:20

Tgt Ion: 77 Resp: 144915

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

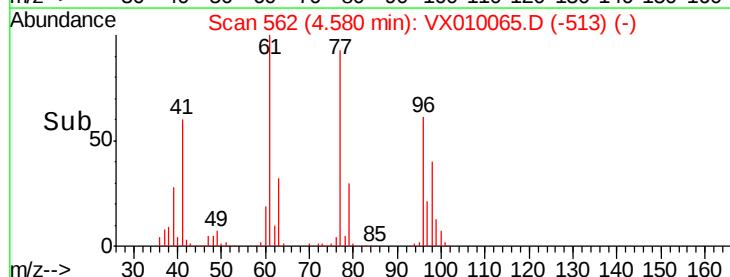
20000

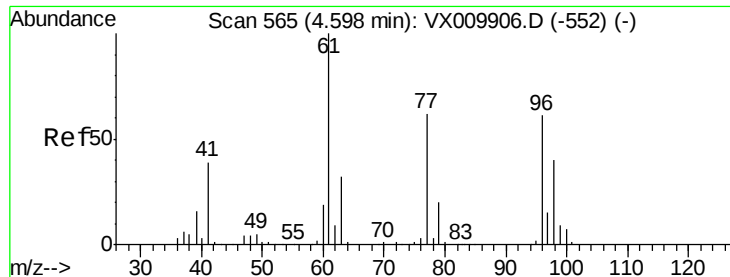
10000

0

4.40 4.50 4.58 4.60 4.70

Time-->



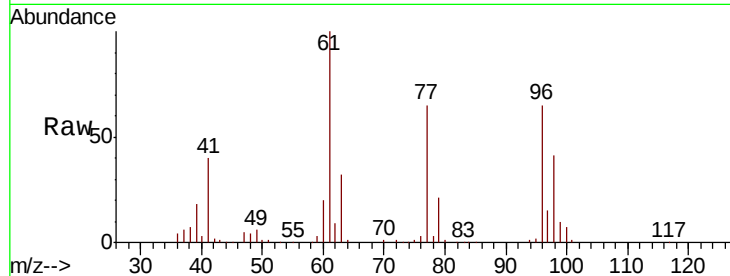


#27

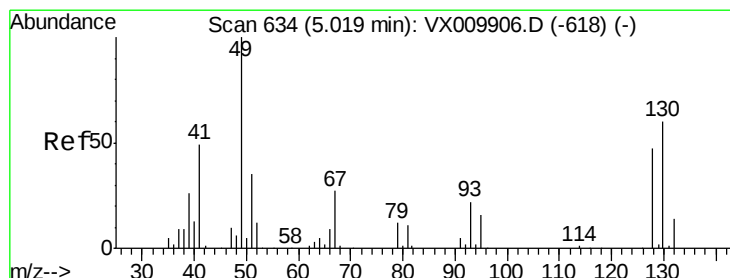
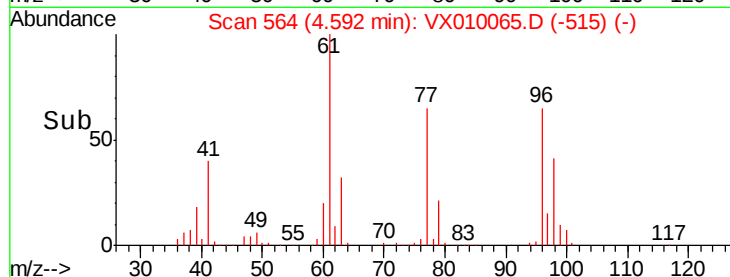
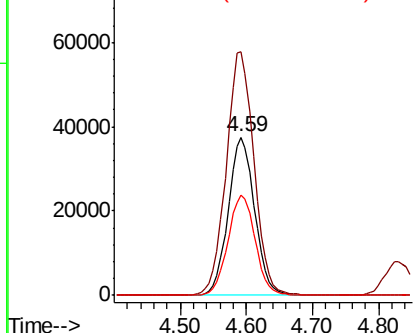
cis-1,2-Dichloroethene
Concen: 49.023 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 103476
Ion Ratio Lower Upper
96 100
61 162.3 0.0 324.0
98 65.4 0.0 130.4



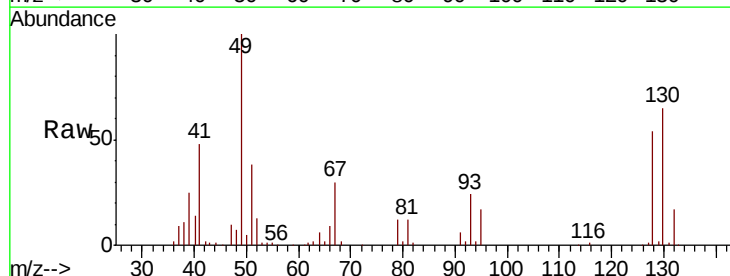
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



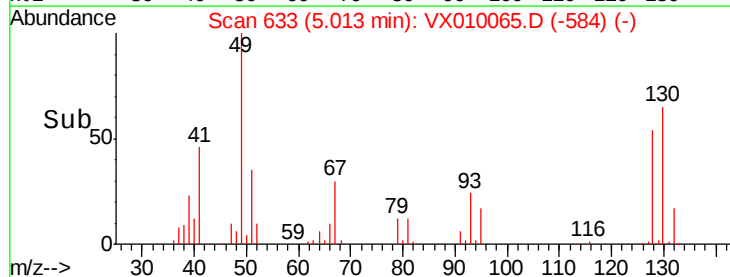
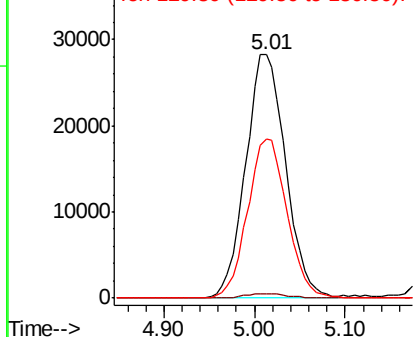
#28

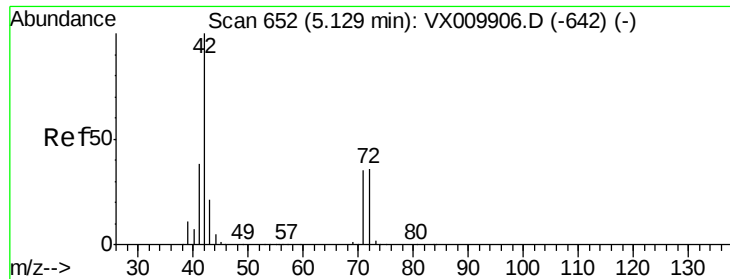
Bromochloromethane
Concen: 45.236 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

Tgt Ion: 49 Resp: 86456
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 64.3 51.2 76.8



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

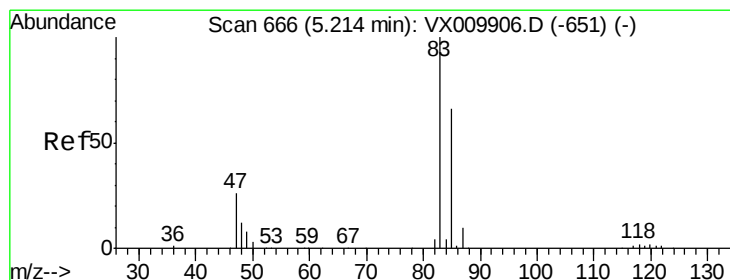
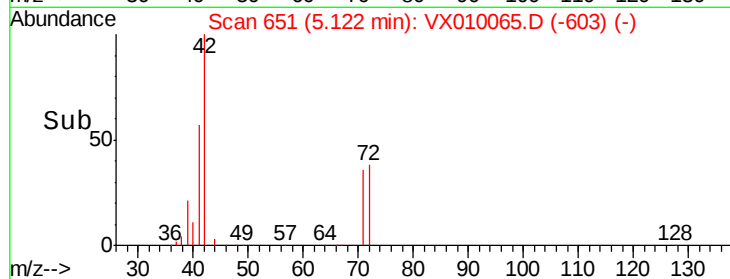
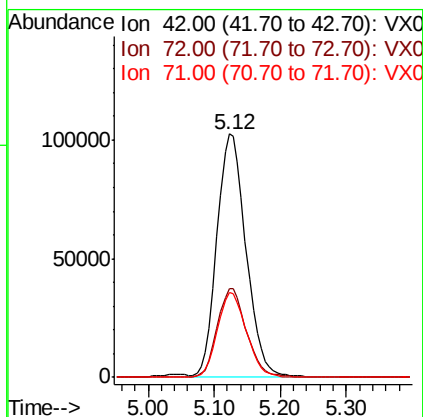
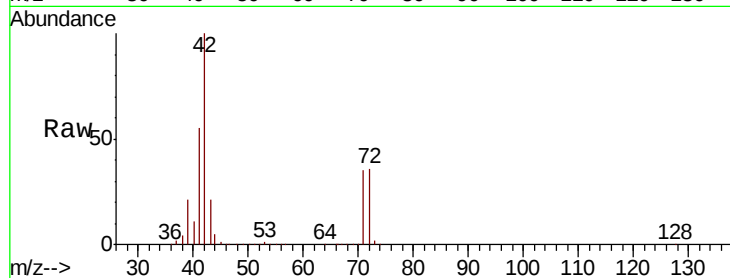




#29
Tetrahydrofuran
Concen: 235.624 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

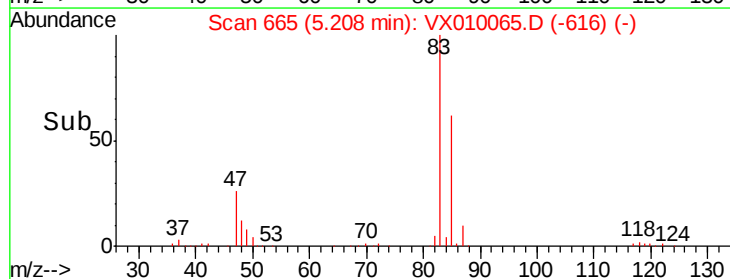
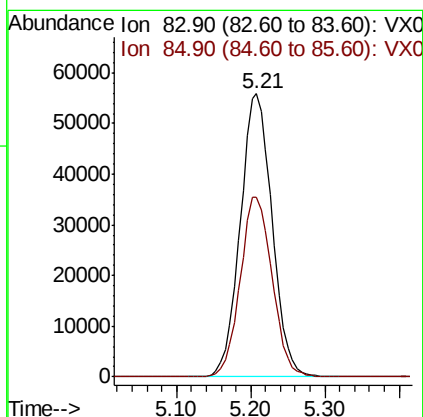
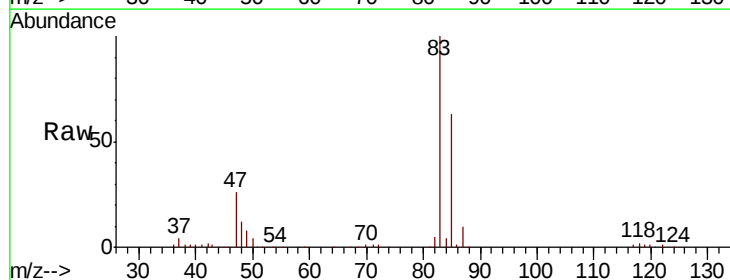
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

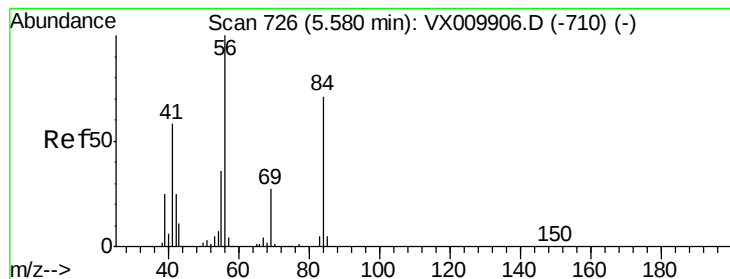
Tgt Ion: 42 Resp: 311775
Ion Ratio Lower Upper
42 100
72 37.1 30.4 45.6
71 34.7 28.6 43.0



#30
Chloroform
Concen: 50.469 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

Tgt Ion: 83 Resp: 167635
Ion Ratio Lower Upper
83 100
85 63.4 51.5 77.3





#31

Cyclohexane

Concen: 52.956 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

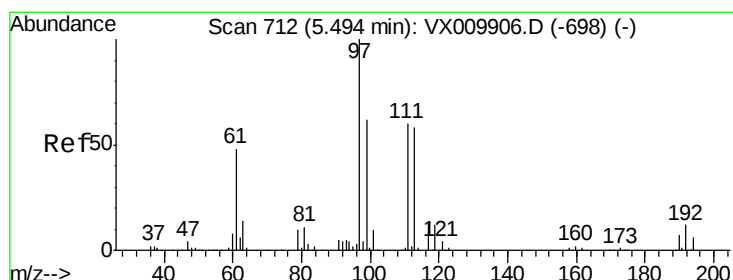
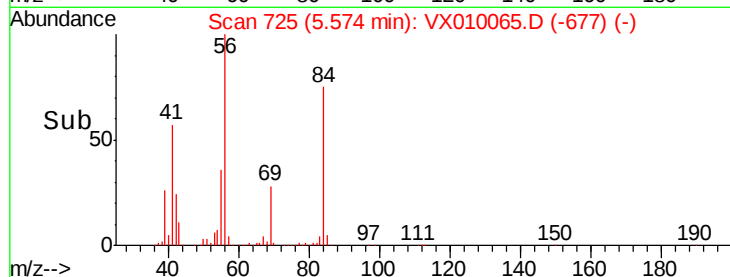
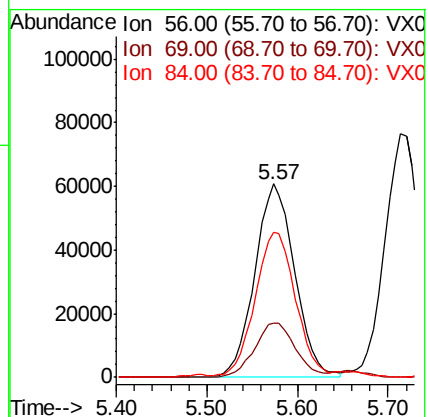
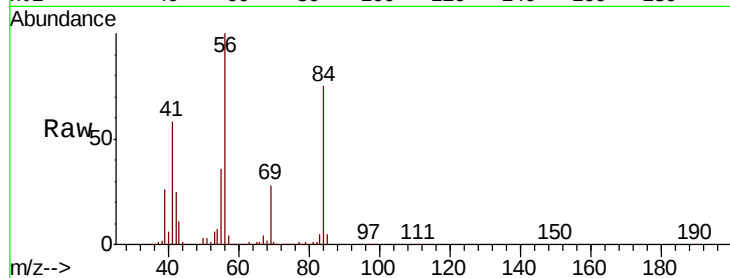
Tgt Ion: 56 Resp: 184728

Ion Ratio Lower Upper

56 100

69 27.9 23.4 35.0

84 73.7 61.9 92.9



#32

1,1,1-Trichloroethane

Concen: 53.198 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

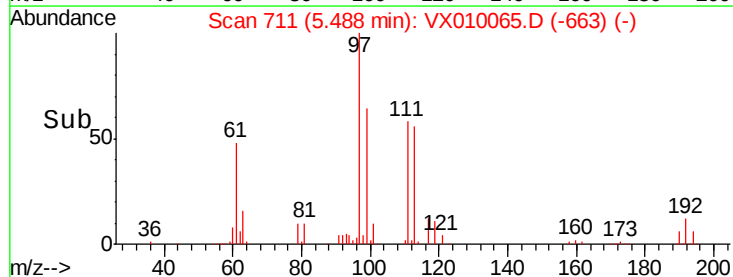
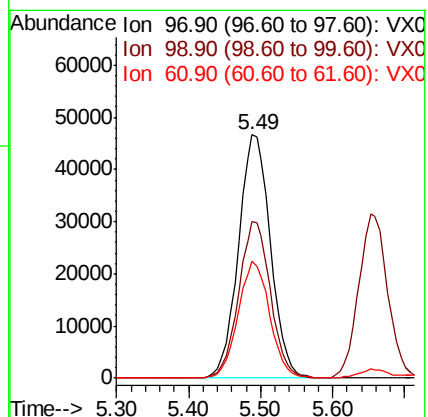
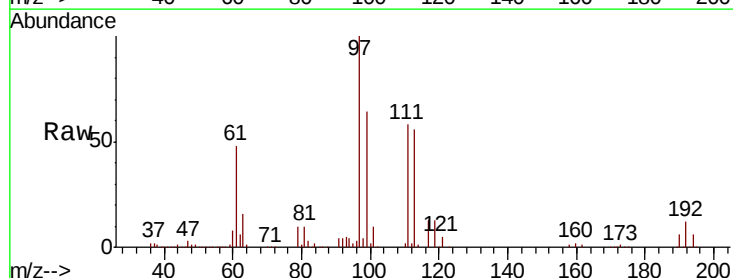
Tgt Ion: 97 Resp: 143907

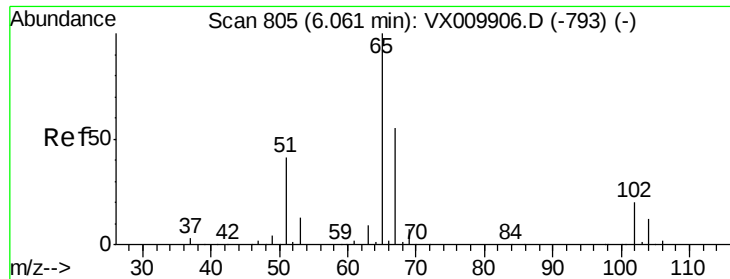
Ion Ratio Lower Upper

97 100

99 63.8 51.8 77.8

61 47.5 37.8 56.8

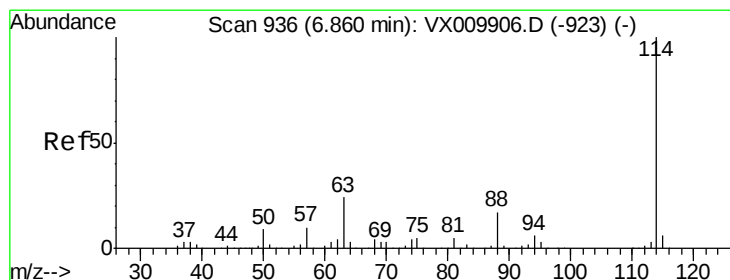
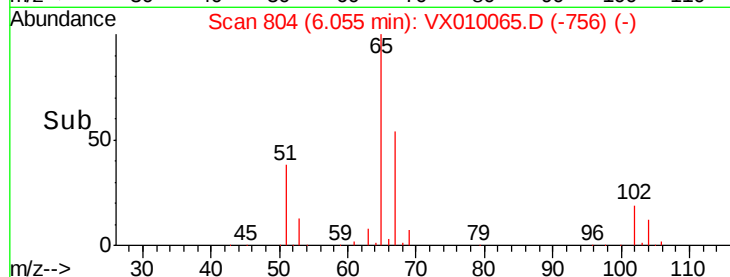
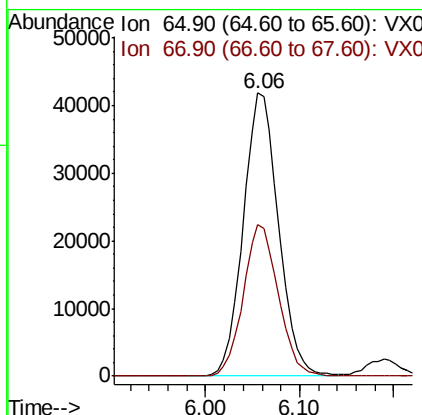
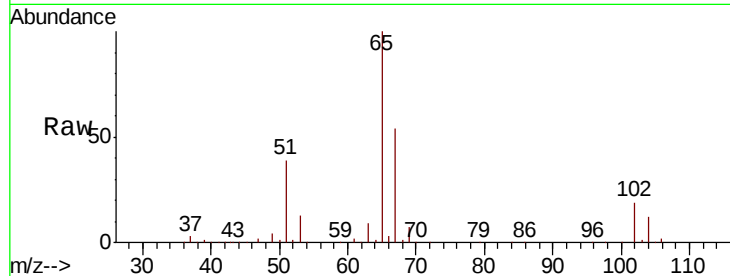




#33
 1,2-Dichloroethane-d4
 Concen: 47.866 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

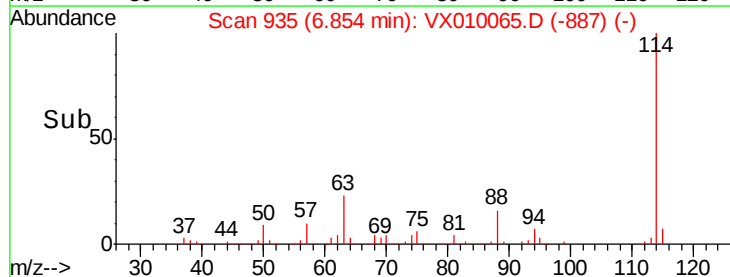
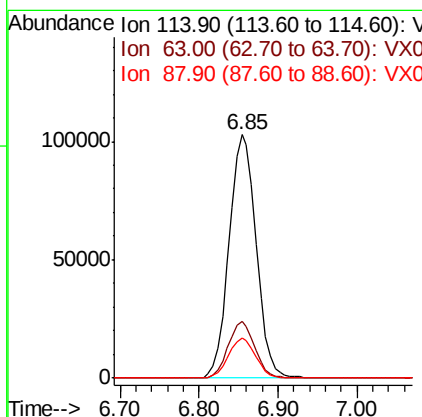
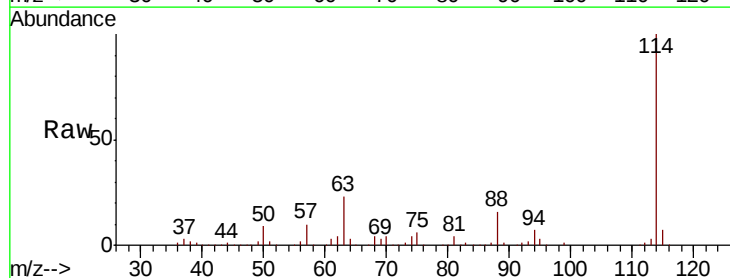
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

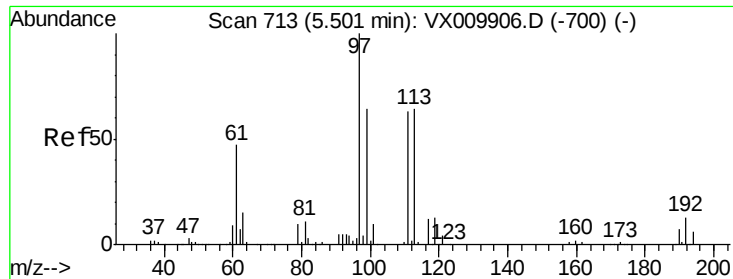
Tgt Ion: 65 Resp: 109721
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Tgt Ion: 114 Resp: 246075
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.6
 88 16.4 0.0 33.2

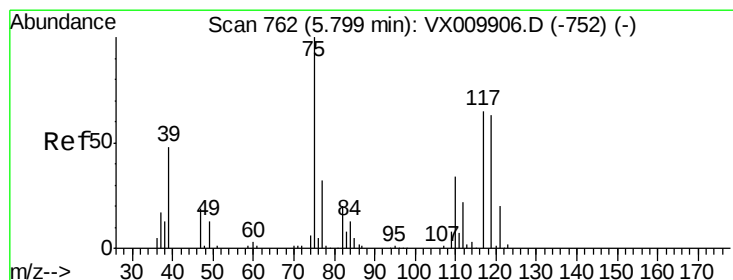
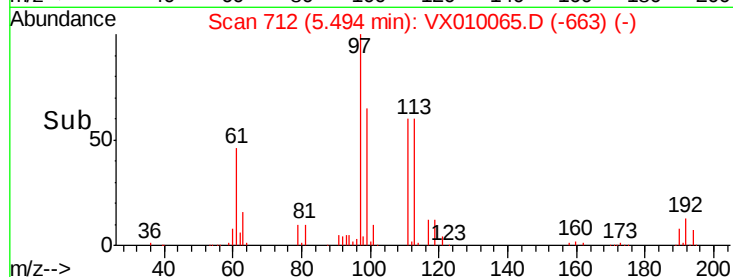
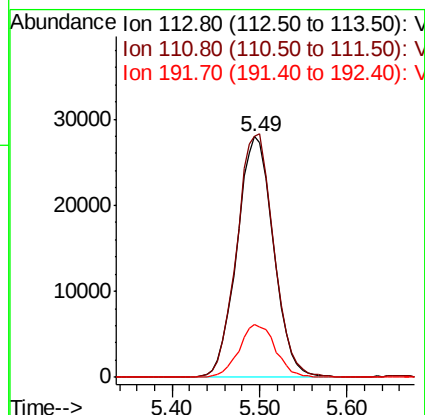
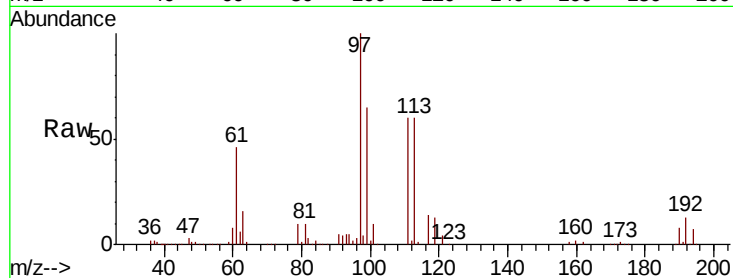




#35
 Dibromofluoromethane
 Concen: 52.467 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

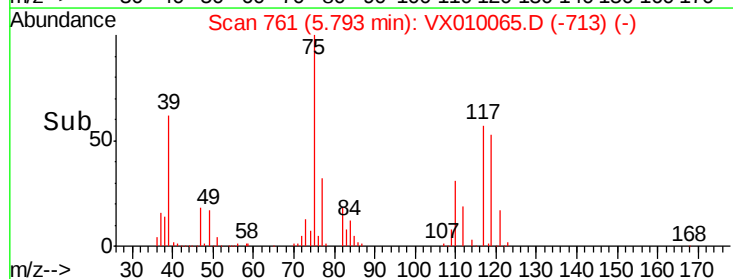
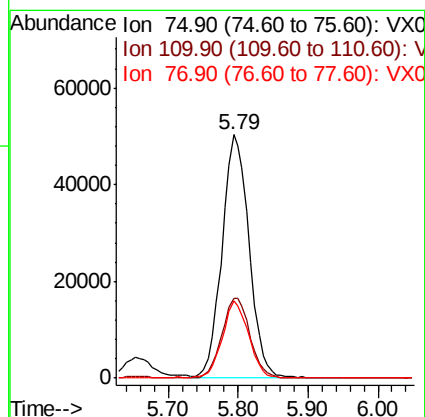
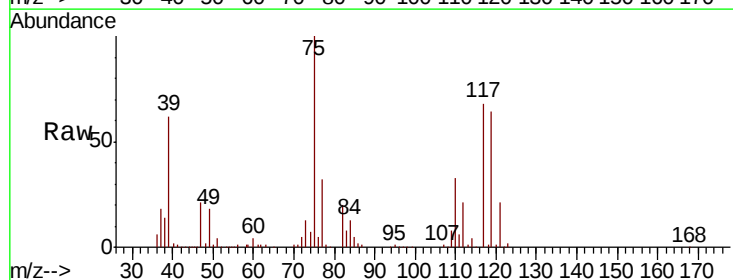
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

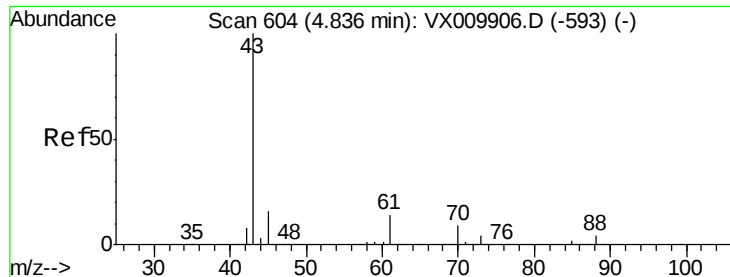
Tgt Ion: 113 Resp: 81170
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.8 124.2
 192 21.9 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 53.972 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Tgt Ion: 75 Resp: 134753
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.9 50.6
 77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 51.494 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

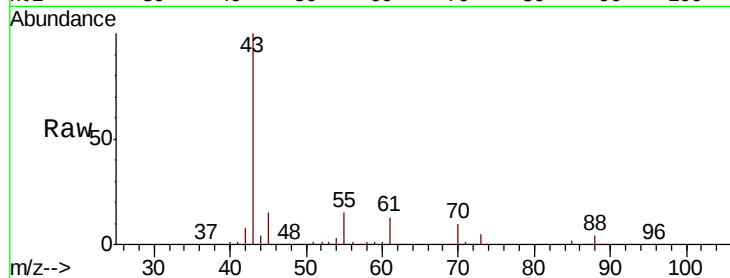
Tgt Ion: 43 Resp: 179139

Ion Ratio Lower Upper

43 100

61 13.0 10.5 15.7

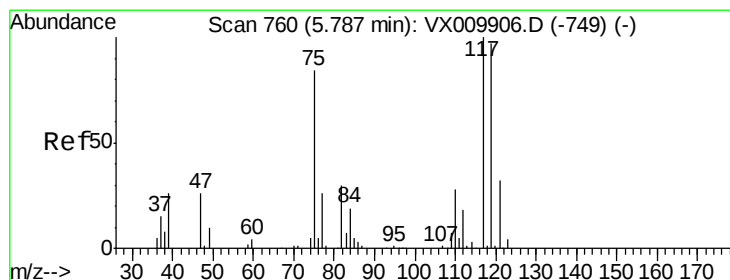
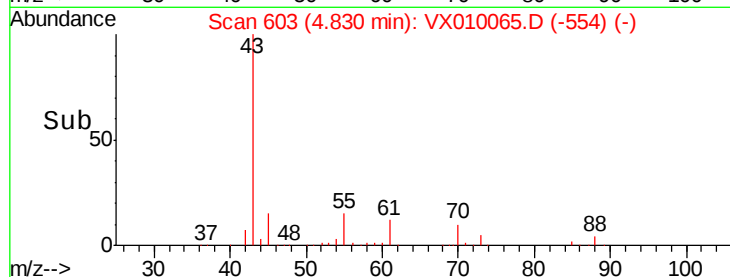
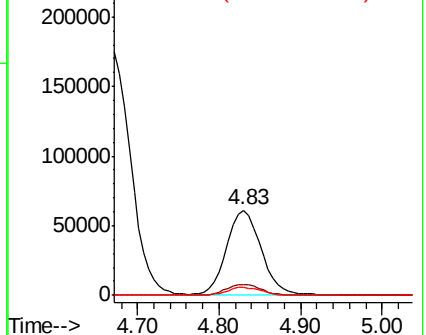
70 9.4 7.9 11.9



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: 56.529 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

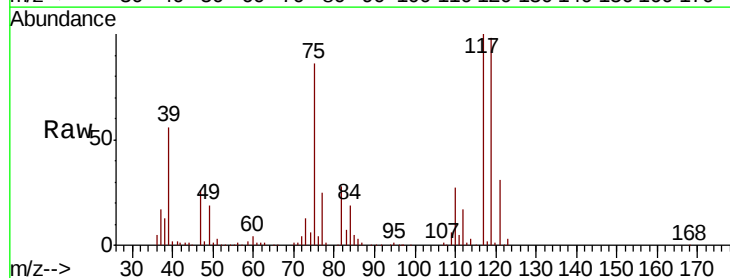
Tgt Ion: 117 Resp: 121962

Ion Ratio Lower Upper

117 100

119 98.0 77.5 116.3

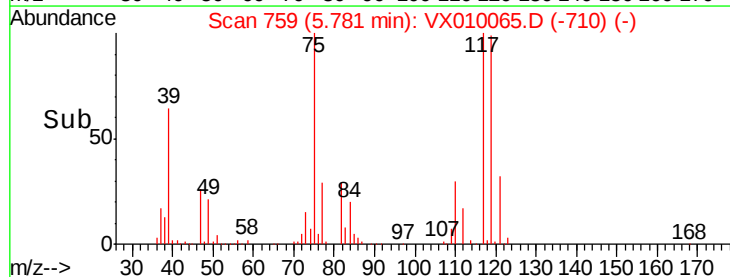
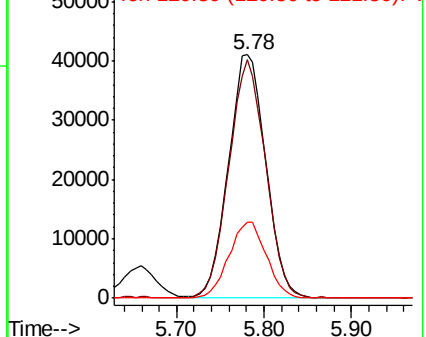
121 31.3 24.7 37.1

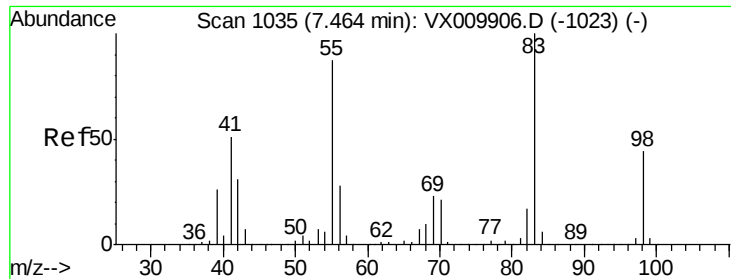


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

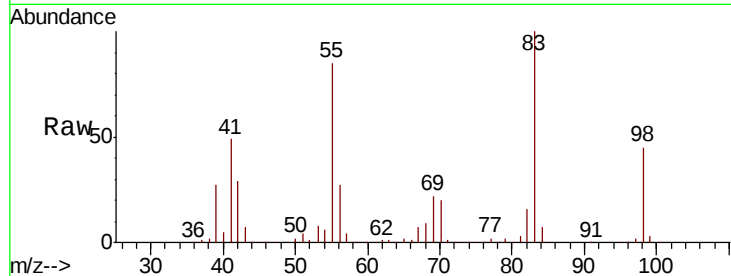




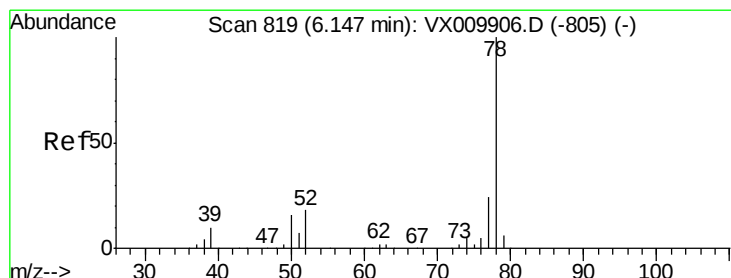
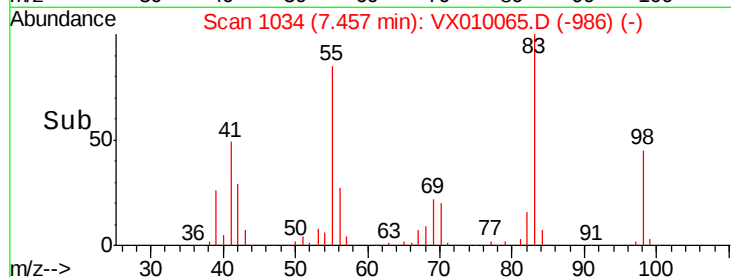
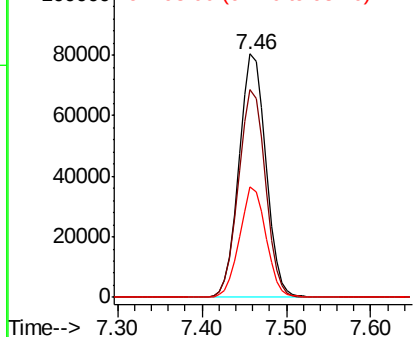
#39
Methylcyclohexane
Concen: 58.321 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 172722
Ion Ratio Lower Upper
83 100
55 85.2 67.7 101.5
98 45.1 35.5 53.3

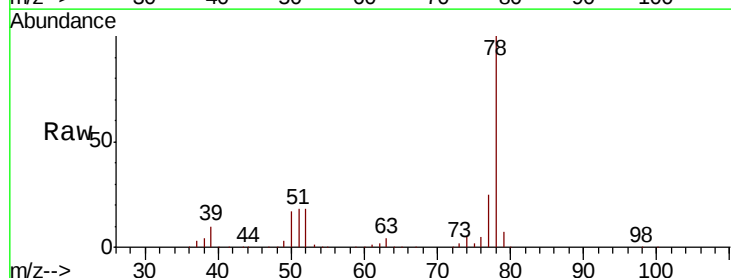


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

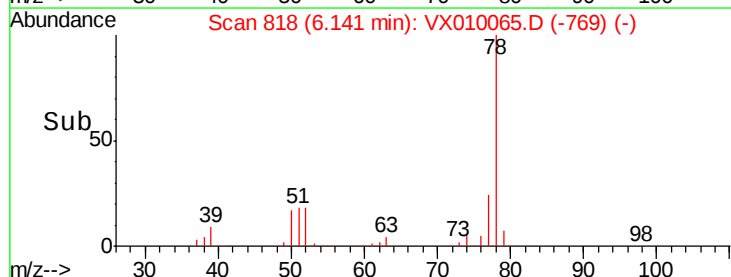
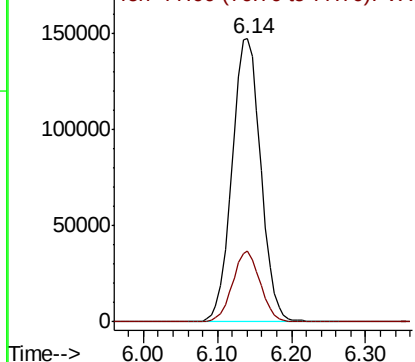


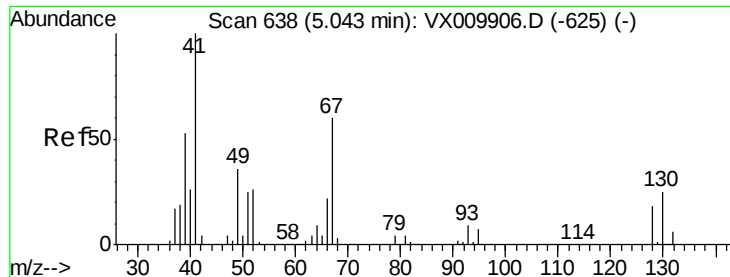
#40
Benzene
Concen: 53.980 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

Tgt Ion: 78 Resp: 399796
Ion Ratio Lower Upper
78 100
77 24.9 18.8 28.2



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





#41

Methacrylonitrile

Concen: 49.641 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 100910

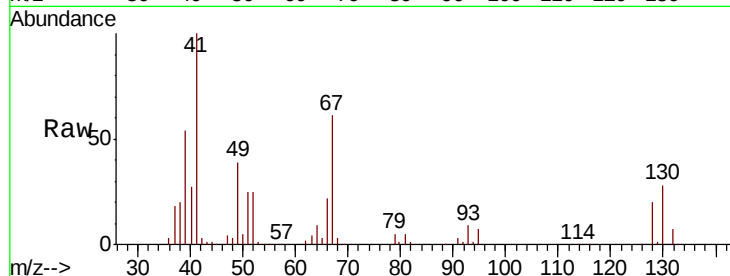
Ion Ratio Lower Upper

41 100

39 52.6 42.0 63.0

67 62.2 49.8 74.8

52 25.5 20.3 30.5

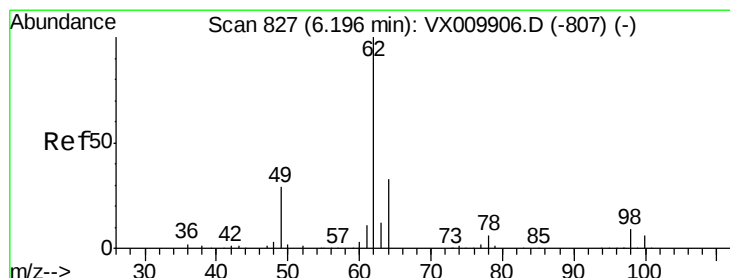
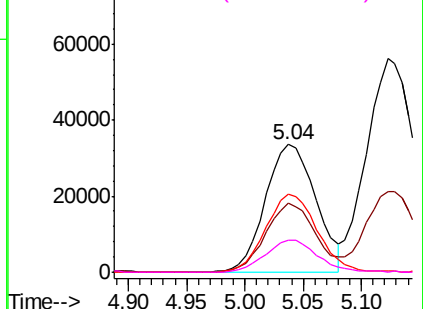
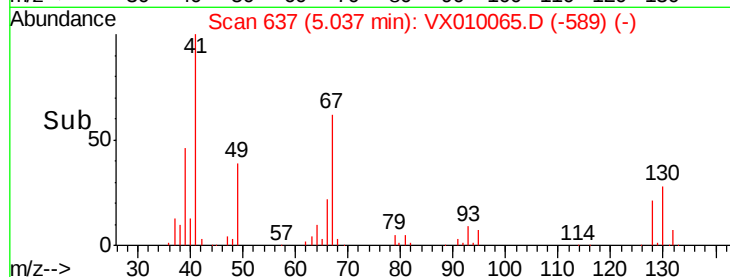


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.824 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX010065.D

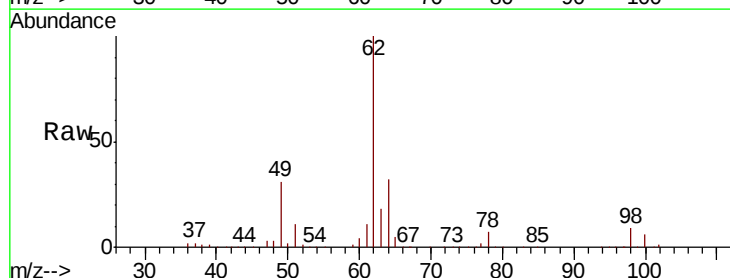
Acq: 05 Jun 2019 10:20

Tgt Ion: 62 Resp: 144638

Ion Ratio Lower Upper

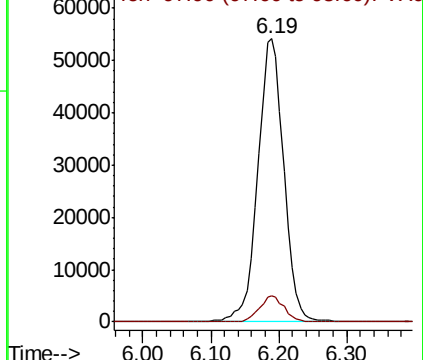
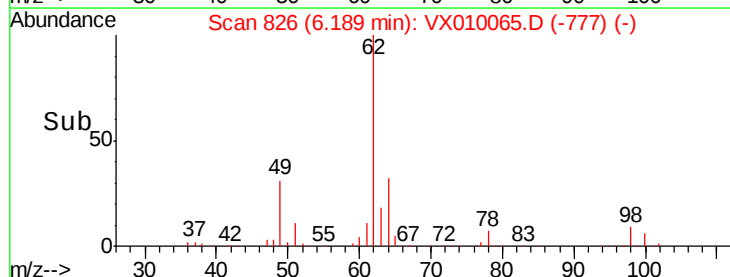
62 100

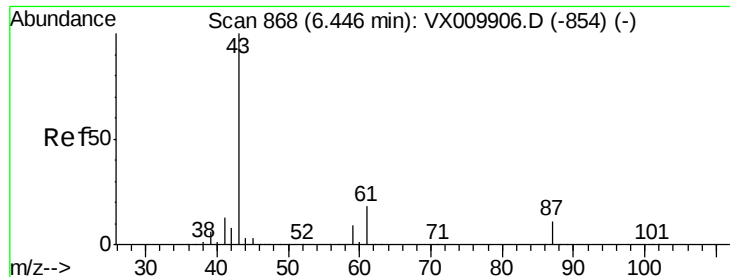
98 8.7 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.408 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

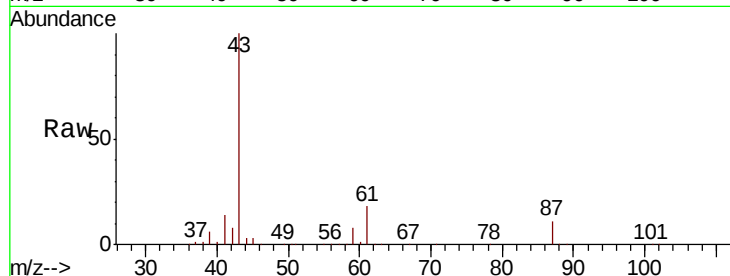
Tgt Ion: 43 Resp: 288568

Ion Ratio Lower Upper

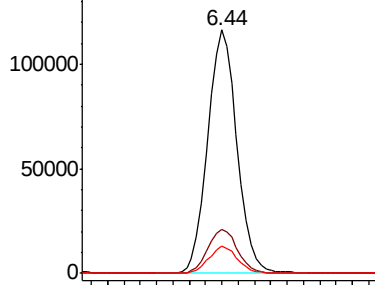
43 100

61 18.5 15.1 22.7

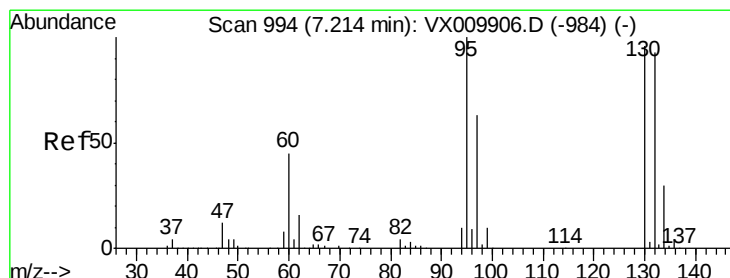
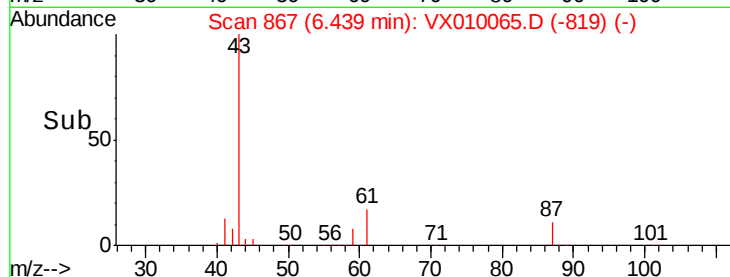
87 11.1 9.0 13.6



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



Time-->



#44

Trichloroethene

Concen: 53.903 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010065.D

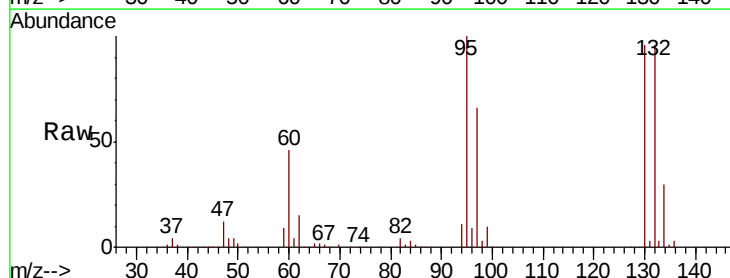
Acq: 05 Jun 2019 10:20

Tgt Ion: 130 Resp: 96974

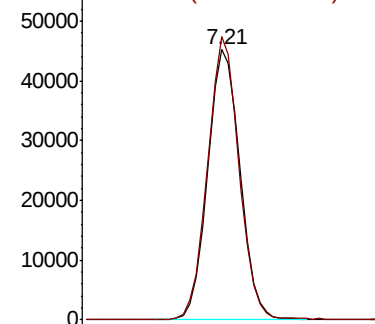
Ion Ratio Lower Upper

130 100

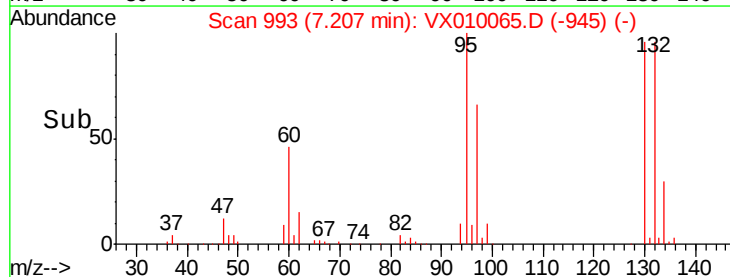
95 104.7 0.0 199.2

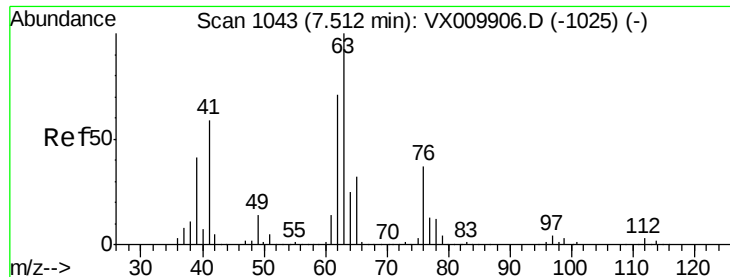


Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0



Time-->

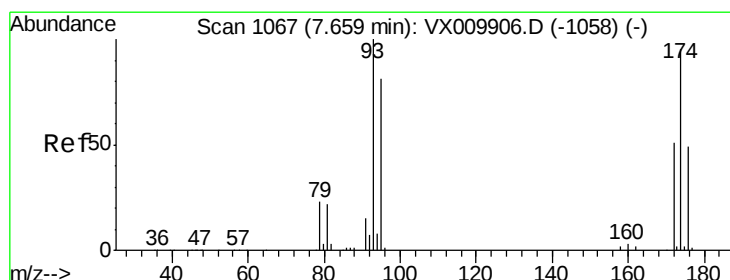
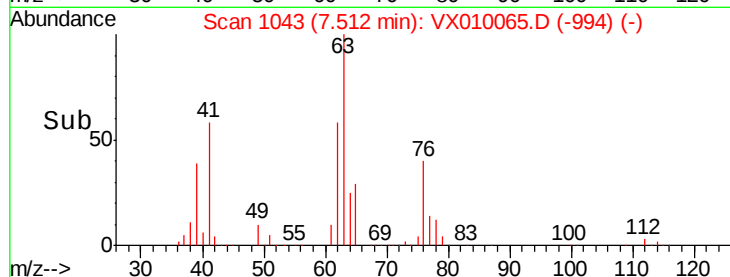
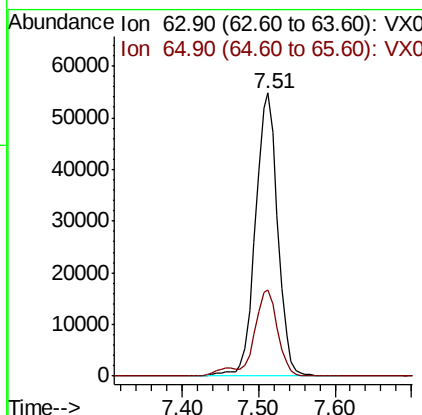
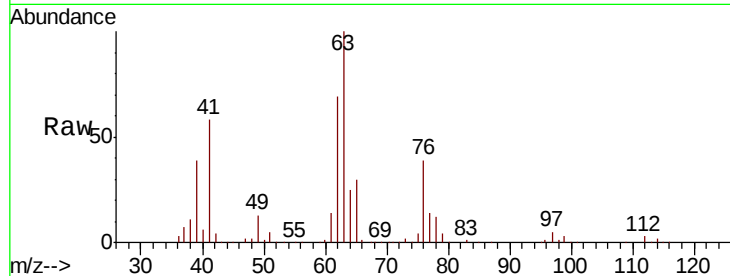




#45
 1,2-Dichloropropane
 Concen: 52.475 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

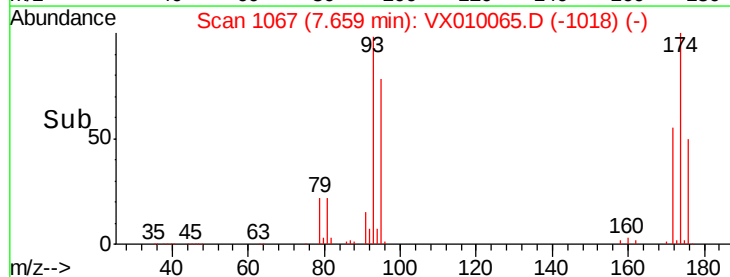
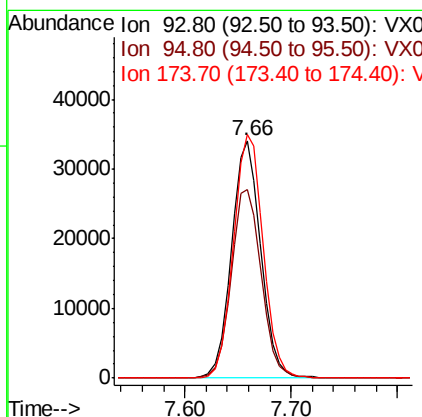
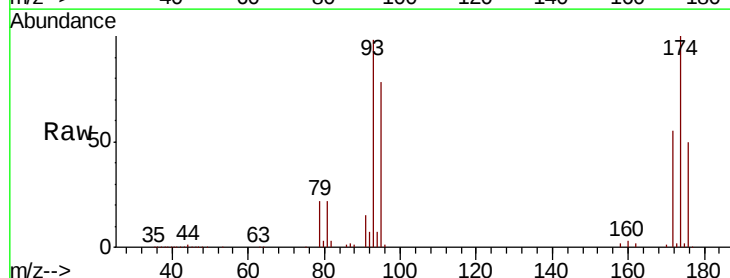
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

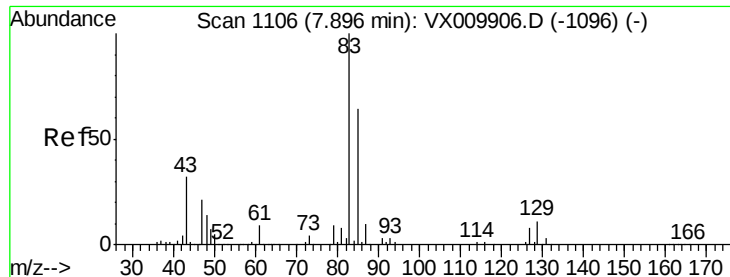
Tgt Ion: 63 Resp: 111879
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.6



#46
 Dibromomethane
 Concen: 52.086 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Tgt Ion: 93 Resp: 65367
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.5 99.7
 174 105.2 82.1 123.1





#47

Bromodichloromethane

Concen: 55.348 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

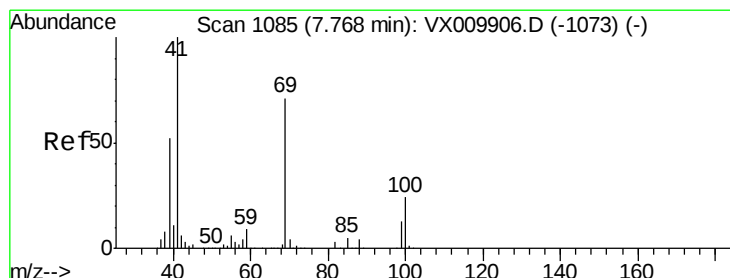
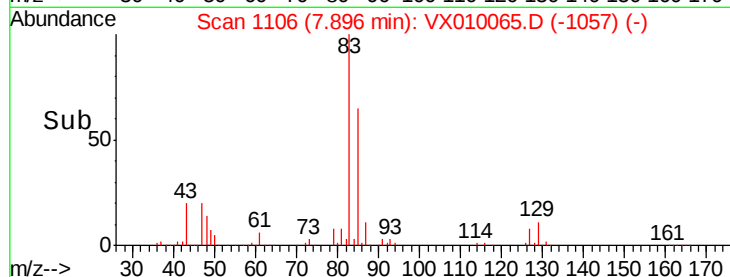
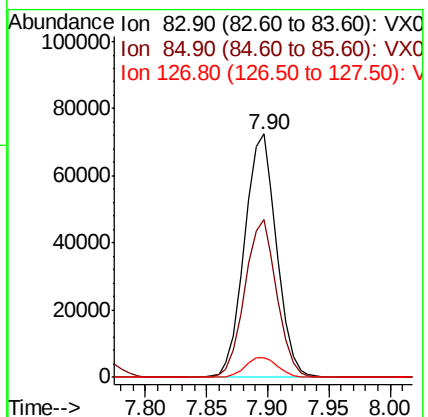
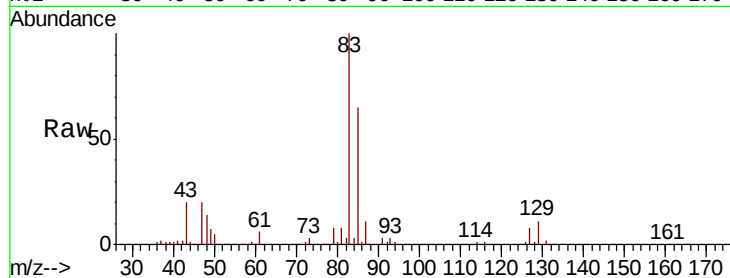
Tgt Ion: 83 Resp: 132086

Ion Ratio Lower Upper

83 100

85 64.6 52.4 78.6

127 8.0 6.6 10.0



#48

Methyl methacrylate

Concen: 53.314 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

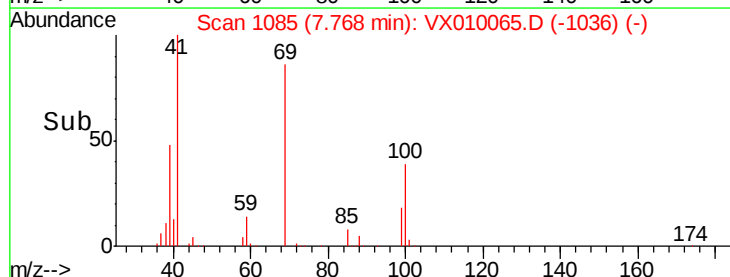
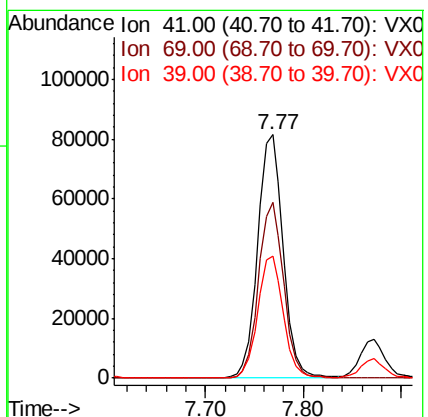
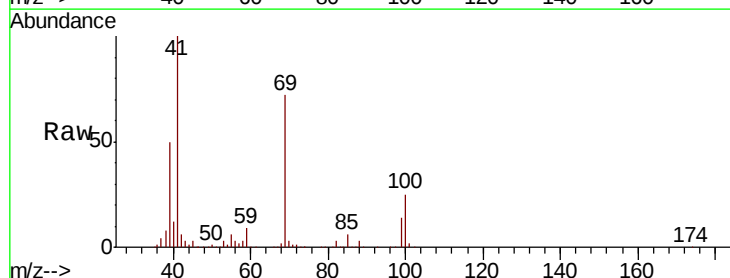
Tgt Ion: 41 Resp: 148149

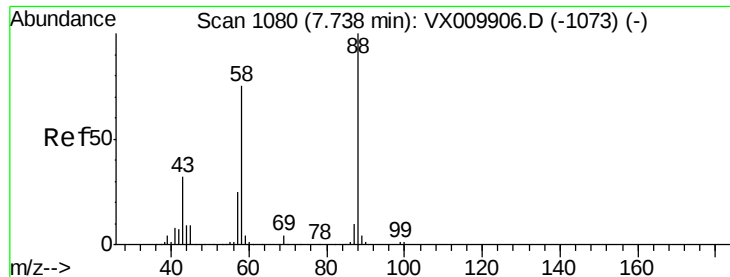
Ion Ratio Lower Upper

41 100

69 71.7 59.1 88.7

39 50.0 40.4 60.6





#49

1,4-Dioxane

Concen: 1049.743 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

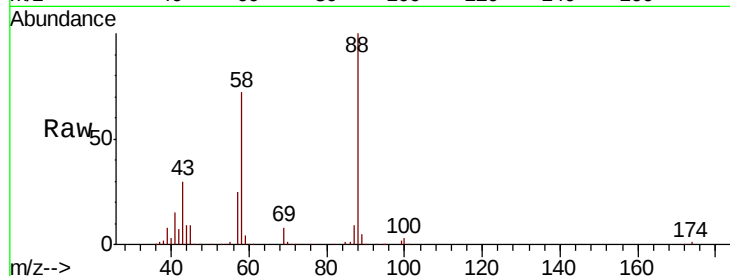
Tgt Ion: 88 Resp: 54259

Ion Ratio Lower Upper

88 100

43 36.2 28.6 42.8

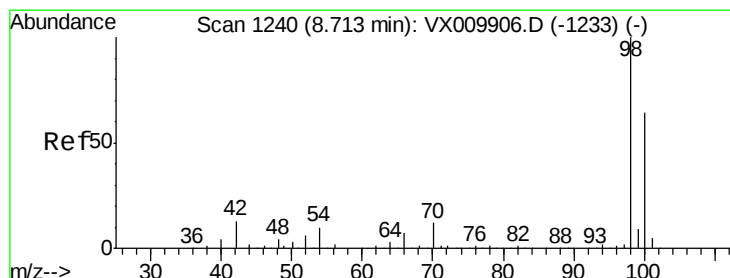
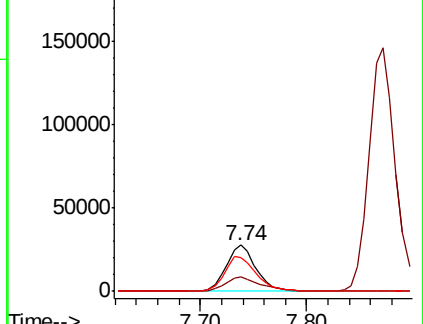
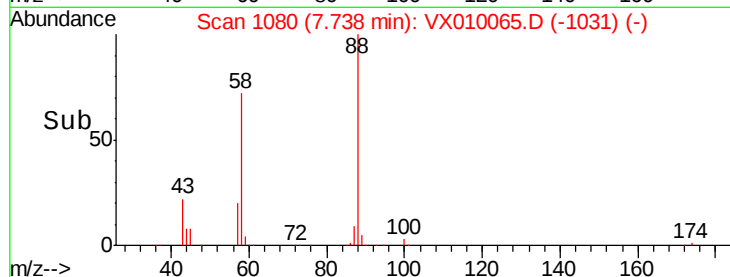
58 79.1 61.7 92.5



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: 53.044 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010065.D

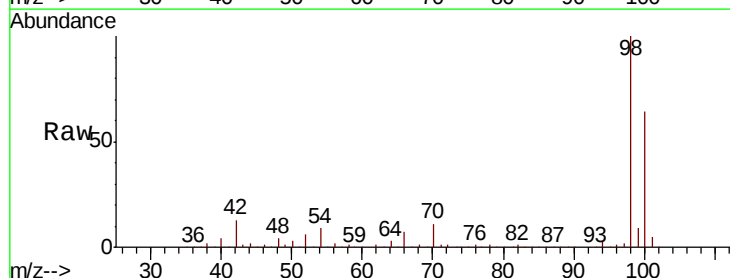
Acq: 05 Jun 2019 10:20

Tgt Ion: 98 Resp: 333239

Ion Ratio Lower Upper

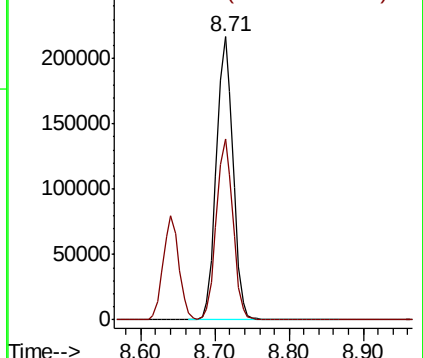
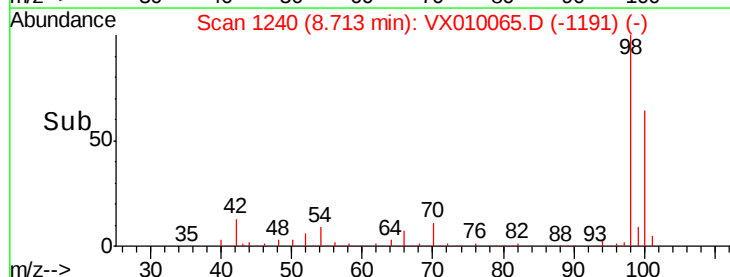
98 100

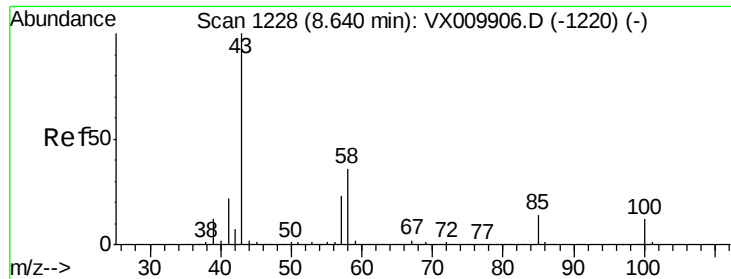
100 63.8 51.2 76.8



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: 260.304 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

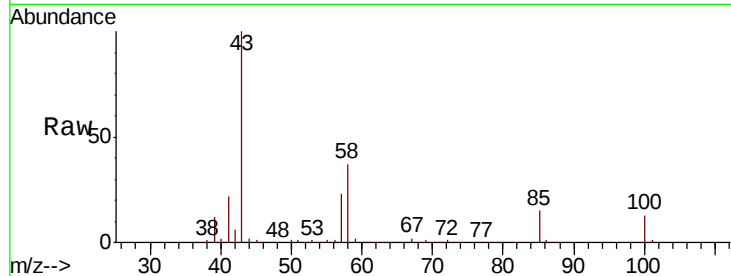
VSTDCCC050

Tgt Ion: 43 Resp: 950506

Ion Ratio Lower Upper

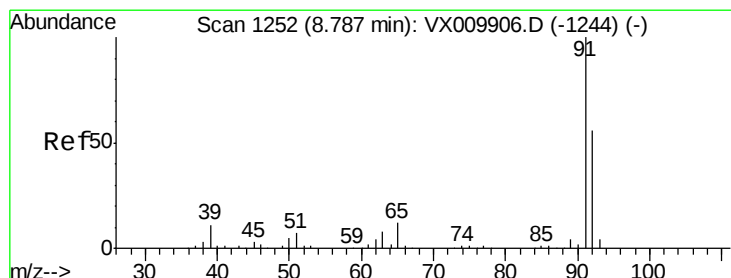
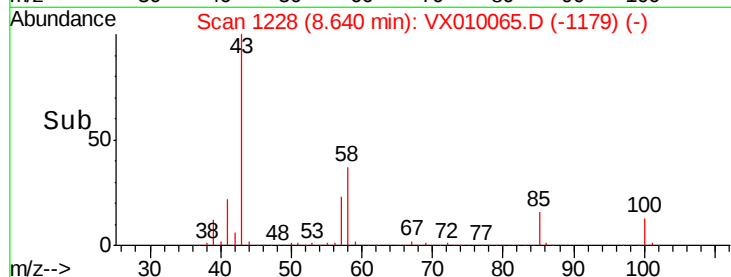
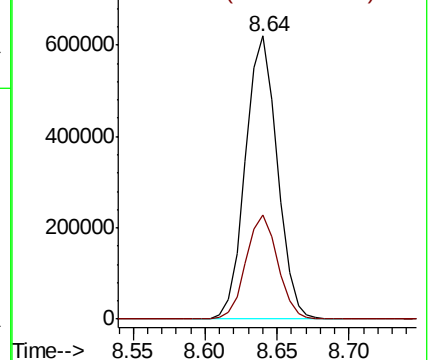
43 100

58 36.4 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 55.766 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010065.D

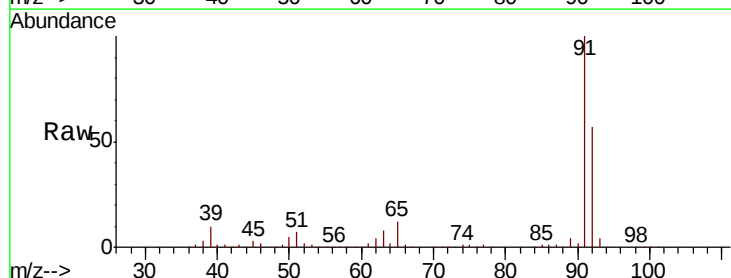
Acq: 05 Jun 2019 10:20

Tgt Ion: 92 Resp: 250773

Ion Ratio Lower Upper

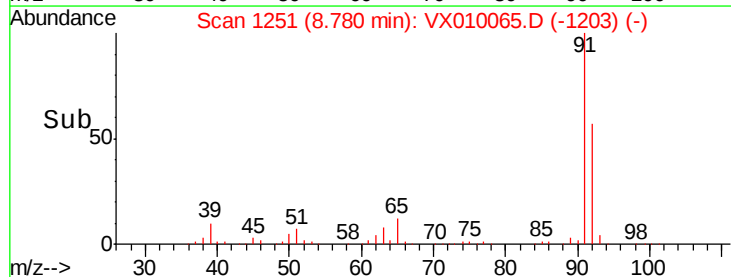
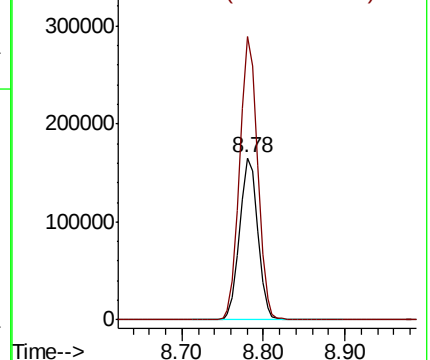
92 100

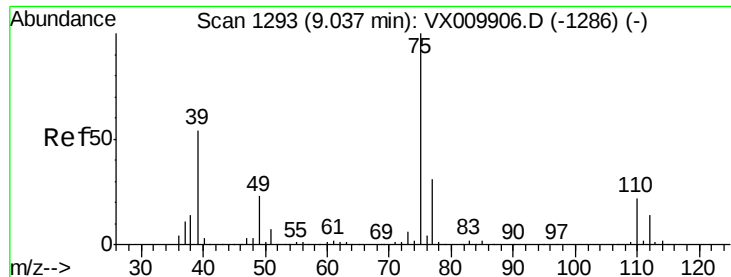
91 173.4 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

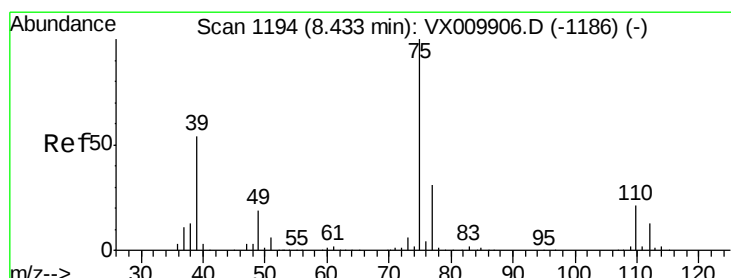
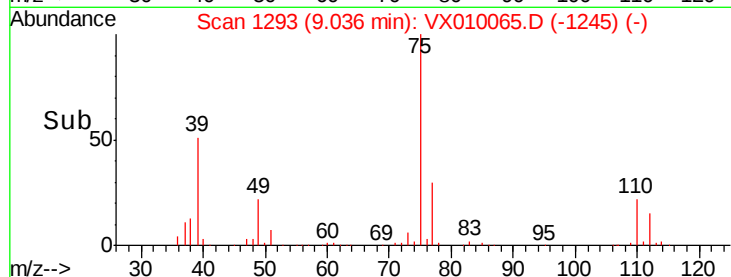
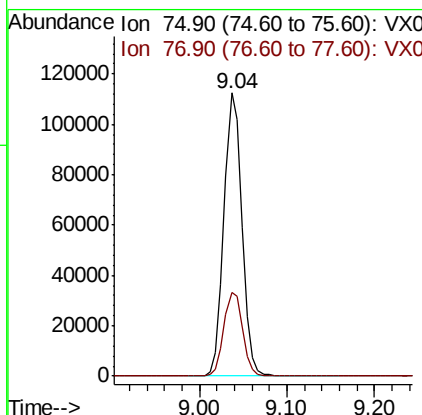
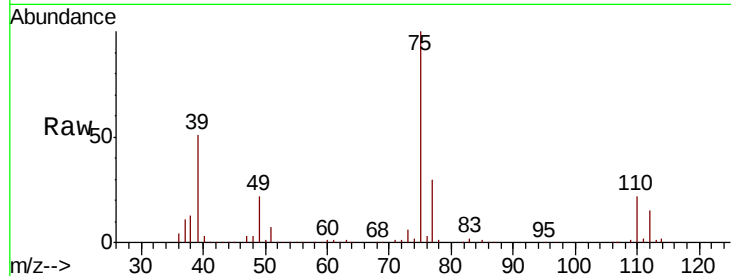




#53
 t-1,3-Dichloropropene
 Concen: 55.895 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

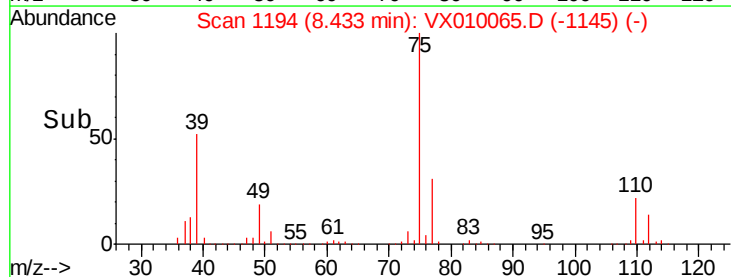
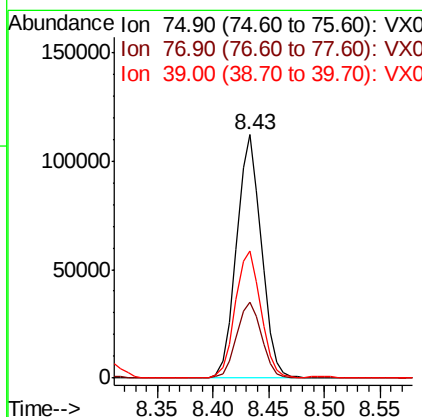
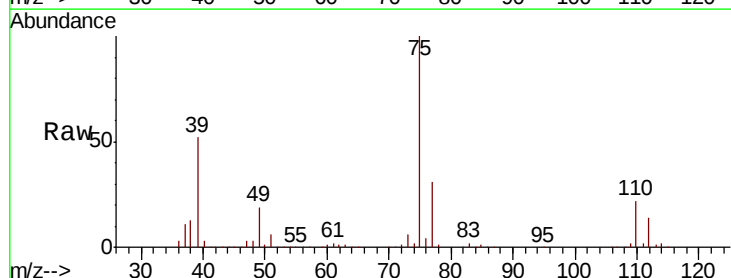
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

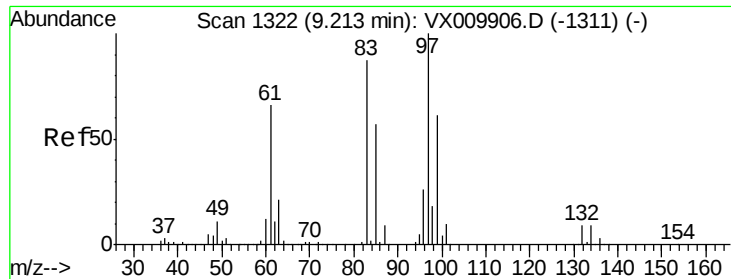
Tgt Ion: 75 Resp: 159977
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 55.349 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Tgt Ion: 75 Resp: 172601
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 36.8
 39 52.4 40.6 60.8

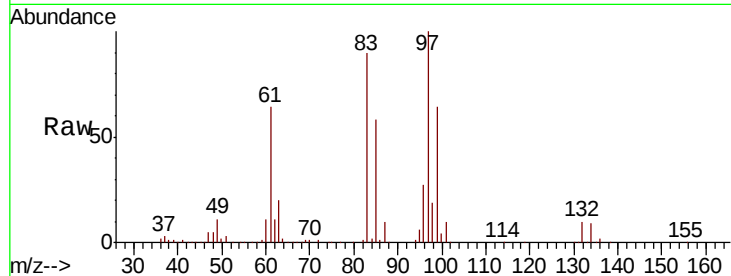




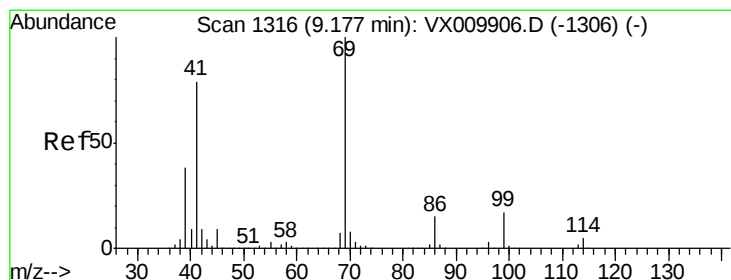
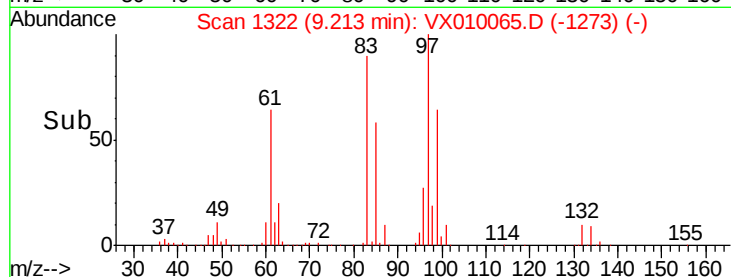
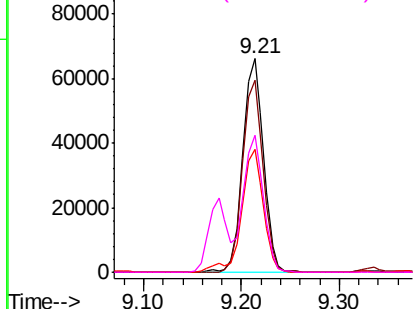
#55
 1,1,2-Trichloroethane
 Concen: 53.791 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 97358
 Ion Ratio Lower Upper
 97 100
 83 89.7 68.9 103.3
 85 57.7 43.8 65.6
 99 64.1 48.2 72.2

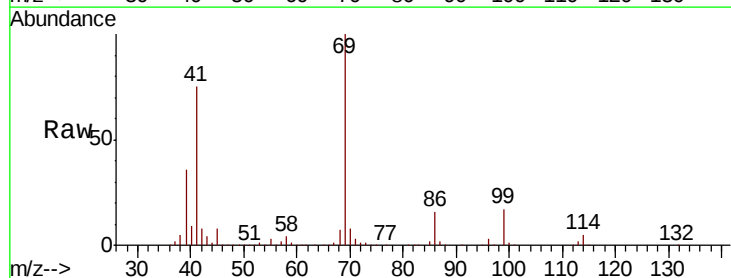


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

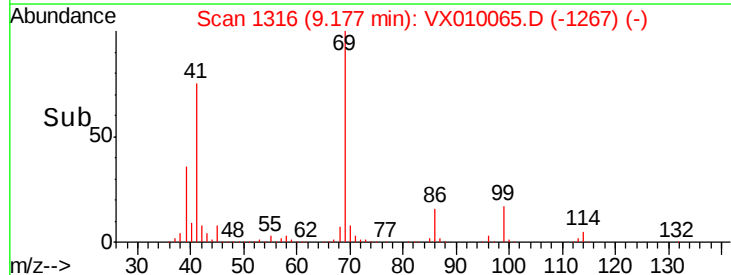
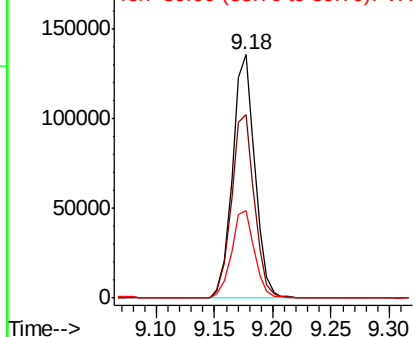


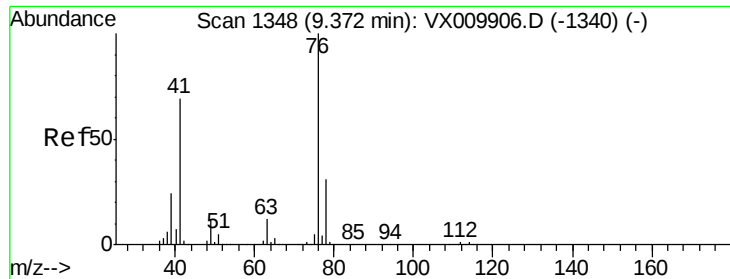
#56
 Ethyl methacrylate
 Concen: 56.271 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Tgt Ion: 69 Resp: 181320
 Ion Ratio Lower Upper
 69 100
 41 77.2 60.6 90.8
 39 36.5 28.2 42.4



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





#57

1,3-Dichloropropane

Concen: 53.449 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

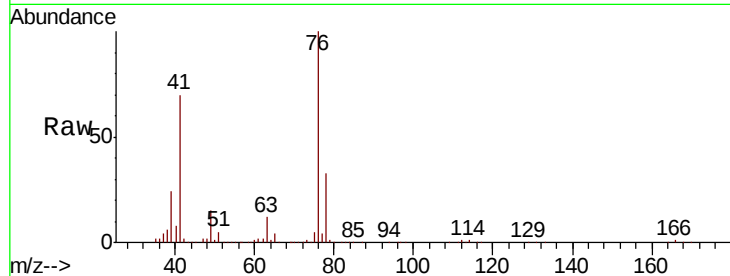
VSTDCCC050

Tgt Ion: 76 Resp: 173732

Ion Ratio Lower Upper

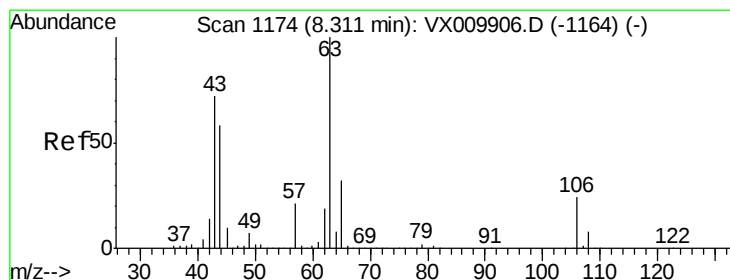
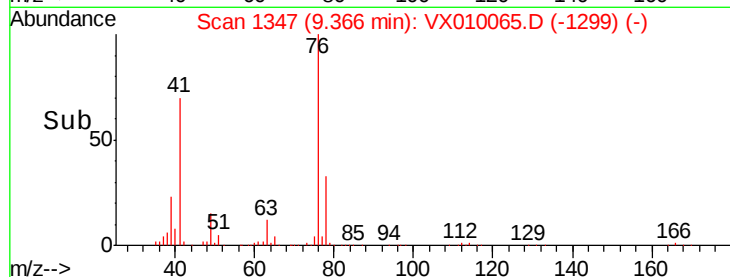
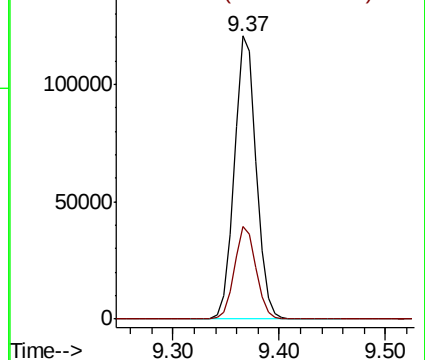
76 100

78 32.5 25.5 38.3



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: 286.954 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010065.D

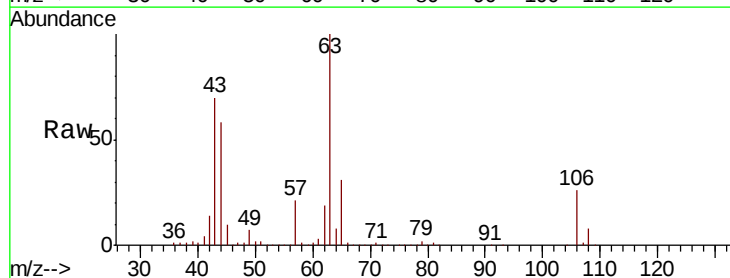
Acq: 05 Jun 2019 10:20

Tgt Ion: 63 Resp: 484857

Ion Ratio Lower Upper

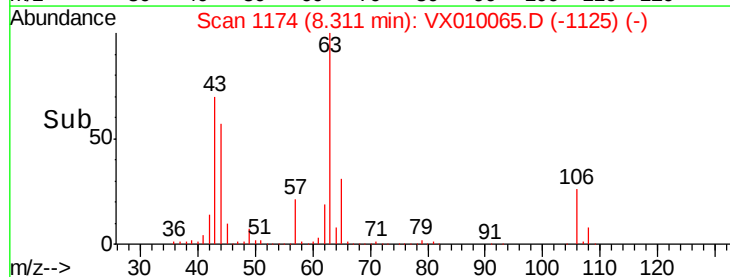
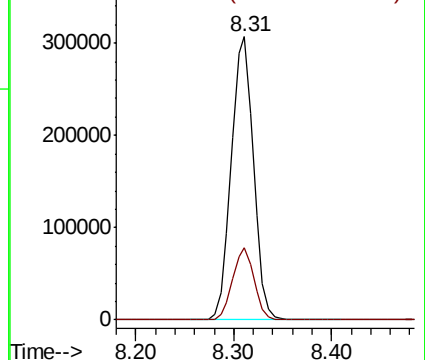
63 100

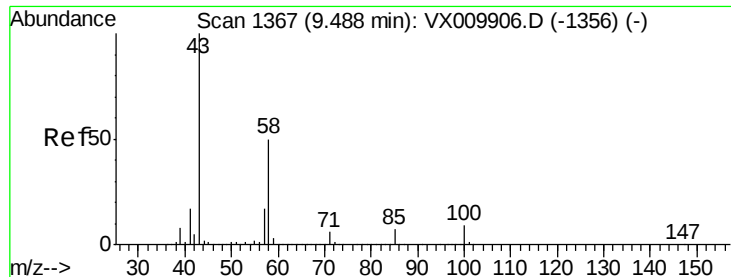
106 24.9 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

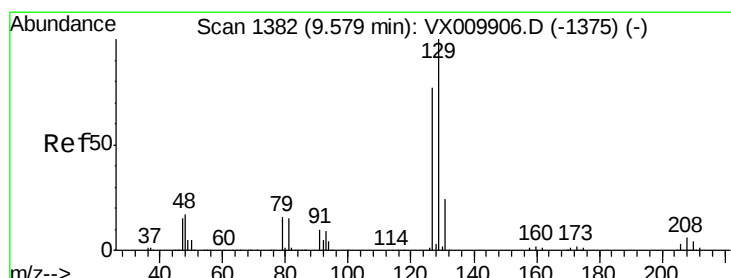
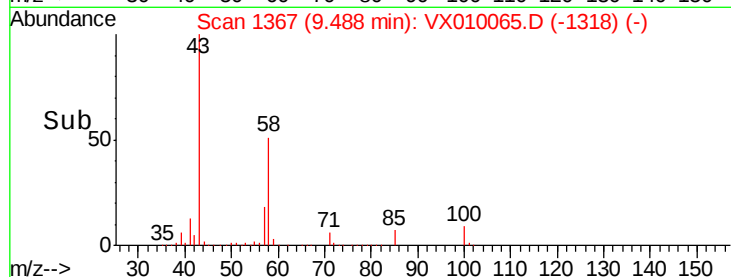
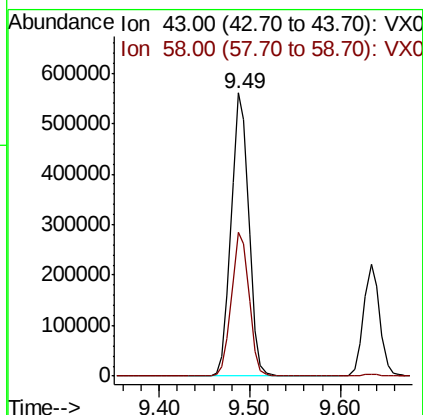
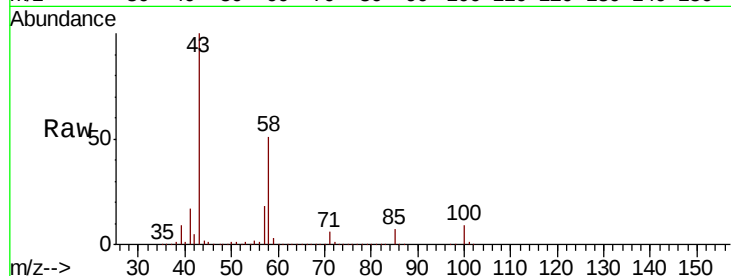




#59
2-Hexanone
Concen: 269.441 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

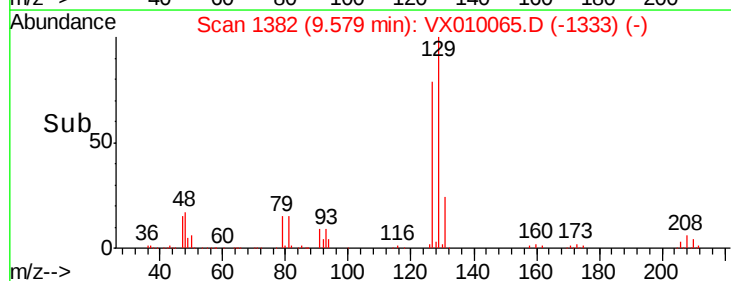
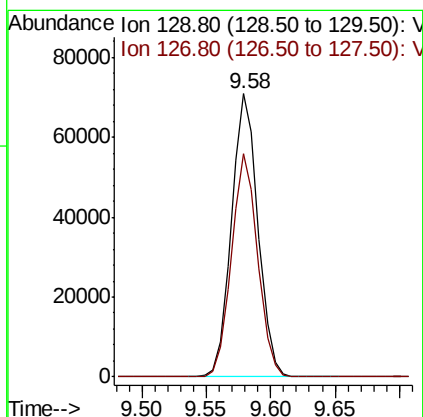
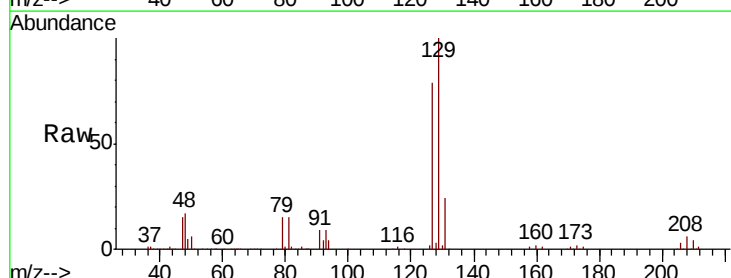
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

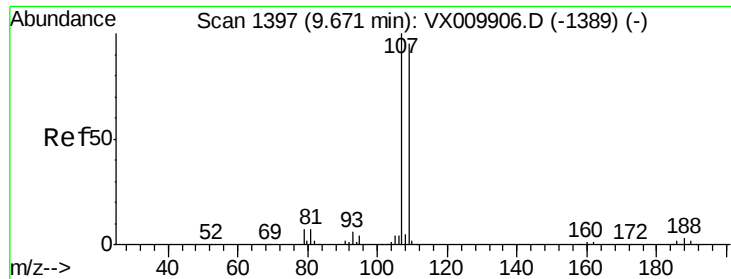
Tgt Ion: 43 Resp: 757483
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.7



#60
Dibromochloromethane
Concen: 57.157 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

Tgt Ion: 129 Resp: 101763
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 54.499 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

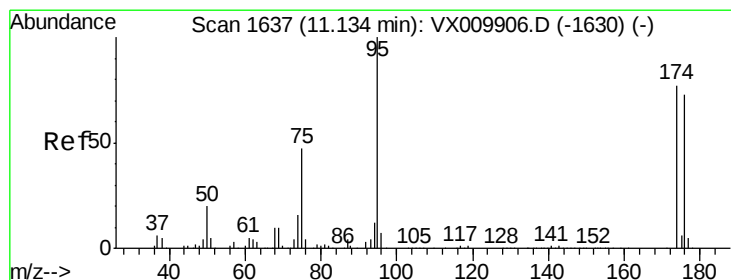
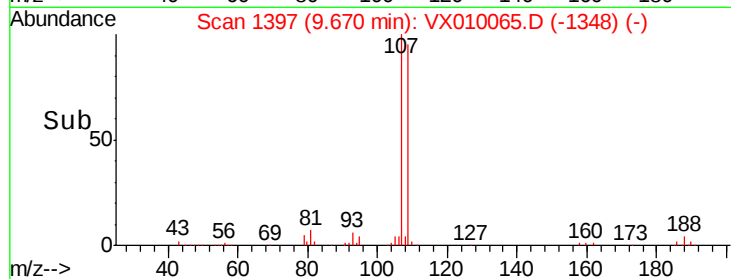
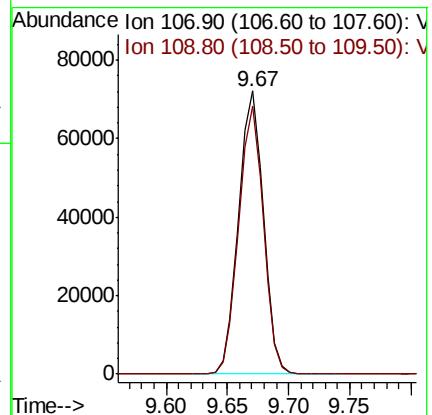
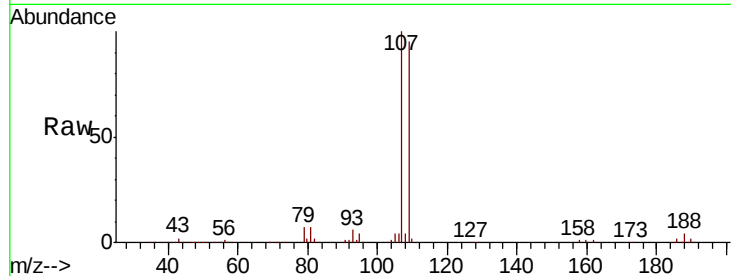
VSTDCCC050

Tgt Ion: 107 Resp: 101337

Ion Ratio Lower Upper

107 100

109 94.1 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 55.409 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

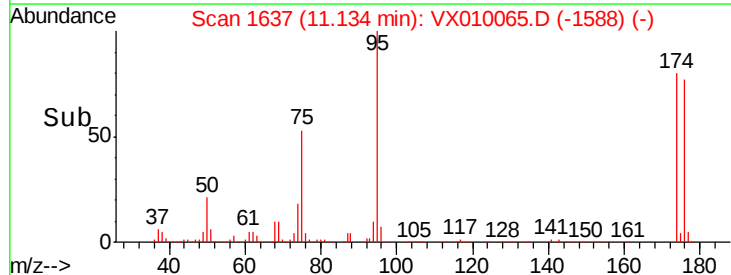
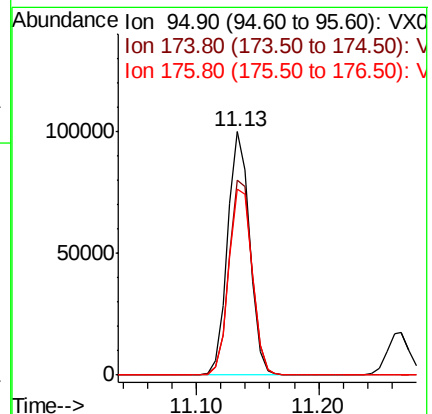
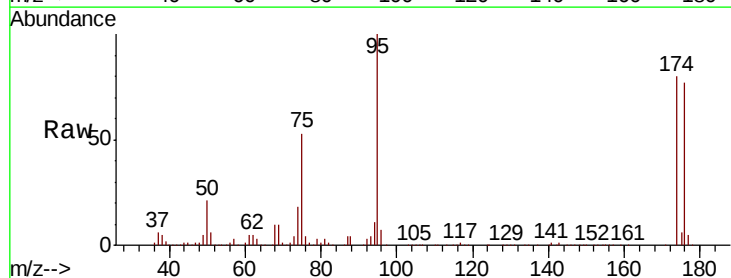
Tgt Ion: 95 Resp: 125031

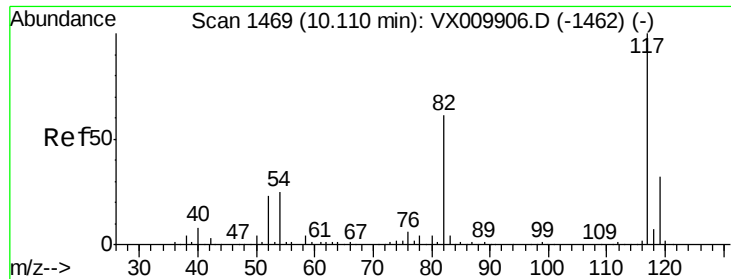
Ion Ratio Lower Upper

95 100

174 83.5 0.0 161.6

176 80.9 0.0 159.2

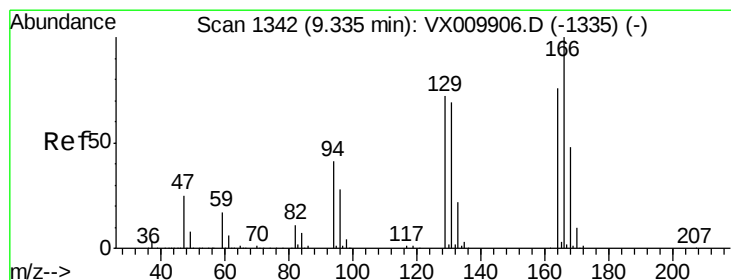
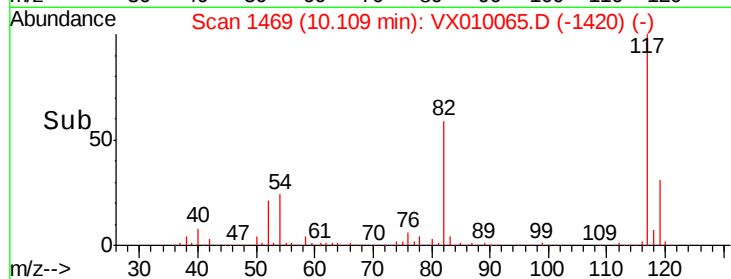
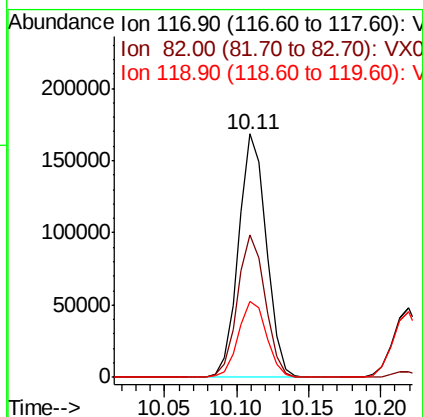
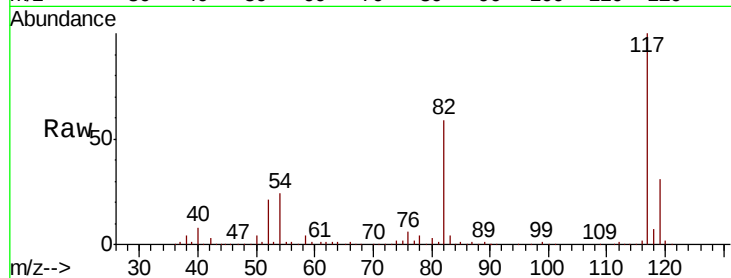




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

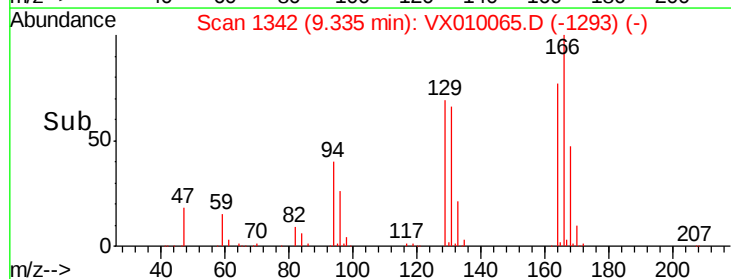
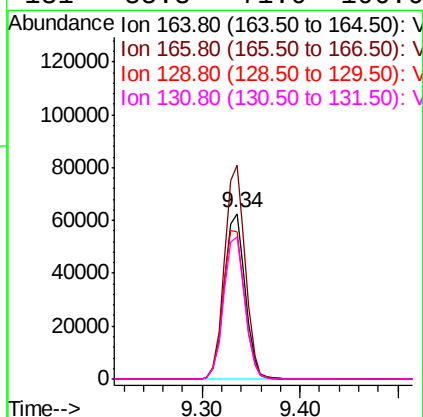
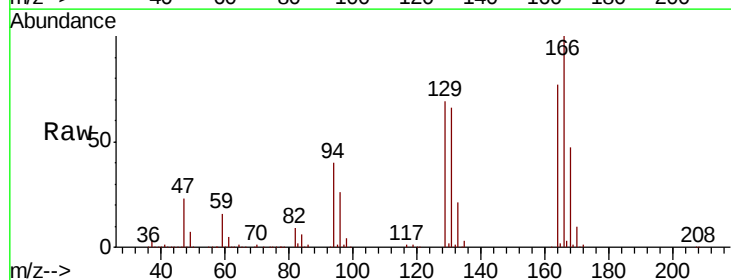
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

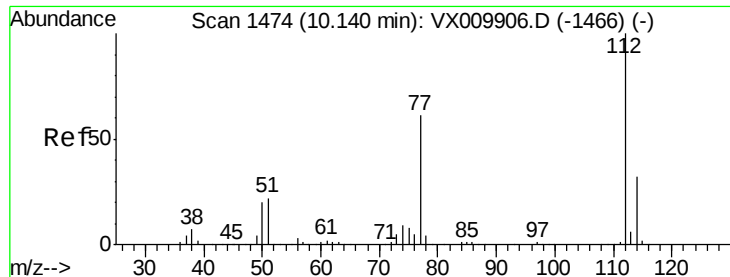
Tgt Ion:117 Resp: 226457
Ion Ratio Lower Upper
117 100
82 58.8 48.8 73.2
119 31.0 25.8 38.6



#64
Tetrachloroethene
Concen: 58.715 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

Tgt Ion:164 Resp: 92876
Ion Ratio Lower Upper
164 100
166 129.2 101.2 151.8
129 88.7 74.3 111.5
131 85.8 71.0 106.6

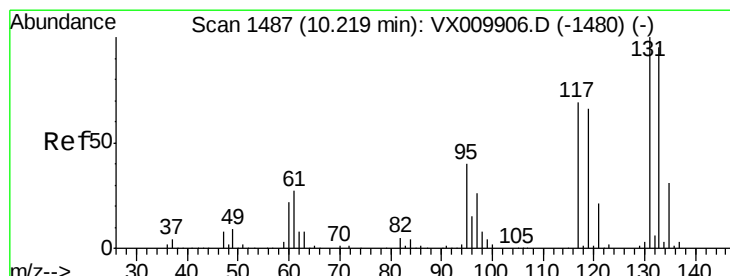
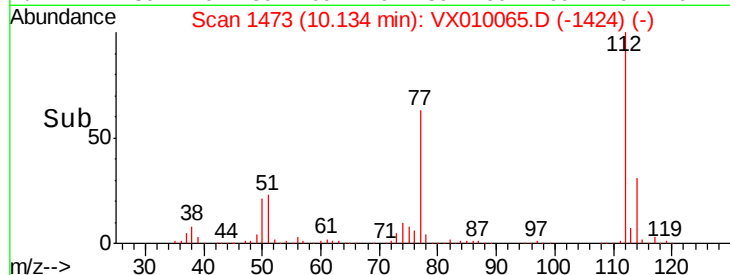
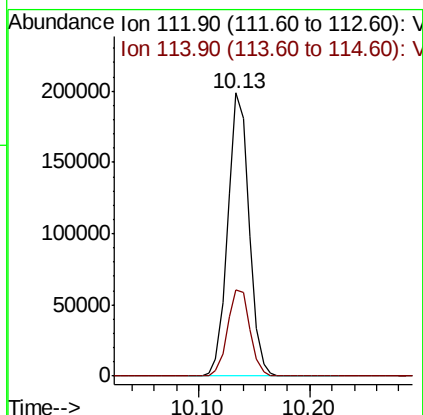
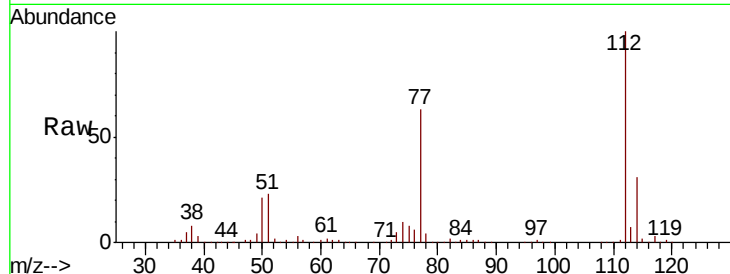




#65
Chlorobenzene
Concen: 55.474 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

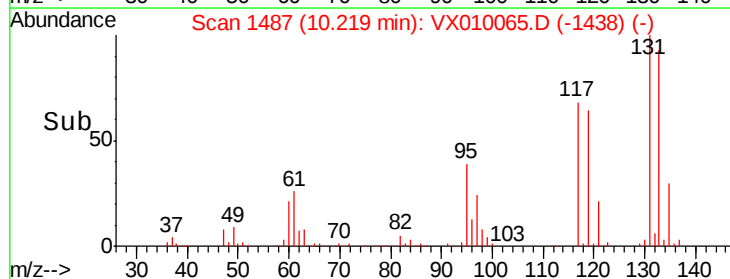
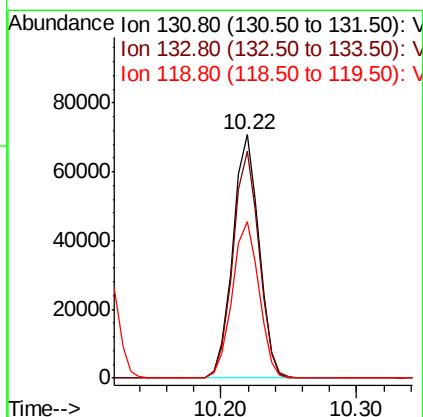
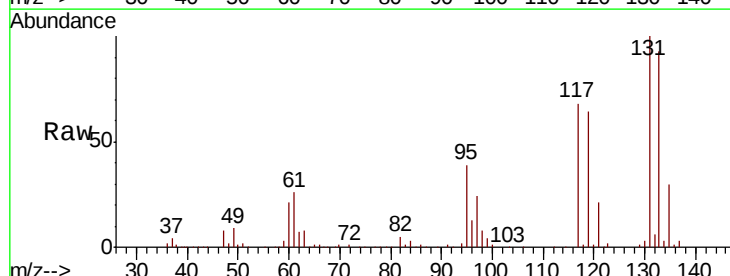
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

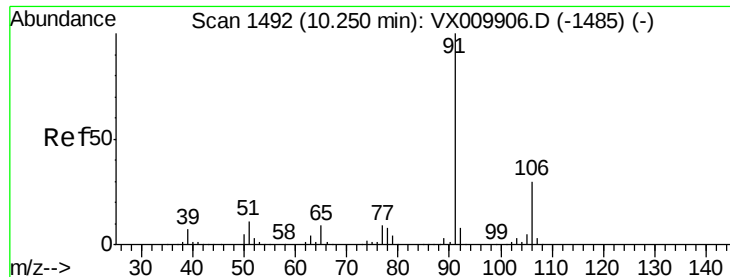
Tgt Ion:112 Resp: 262997
Ion Ratio Lower Upper
112 100
114 30.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 57.423 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

Tgt Ion:131 Resp: 94423
Ion Ratio Lower Upper
131 100
133 94.0 47.7 143.1
119 66.0 33.5 100.4





#67

Ethyl Benzene

Concen: 57.047 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

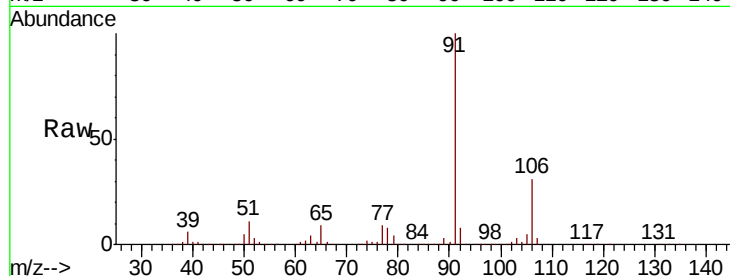
VSTDCCC050

Tgt Ion: 91 Resp: 485602

Ion Ratio Lower Upper

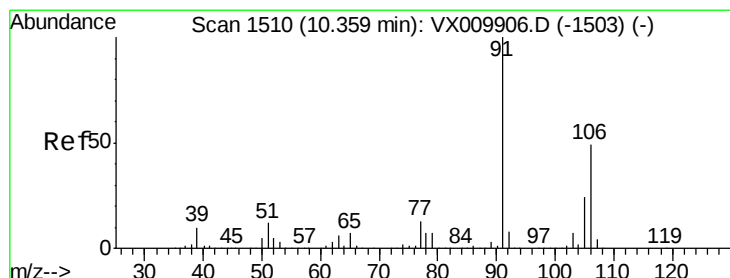
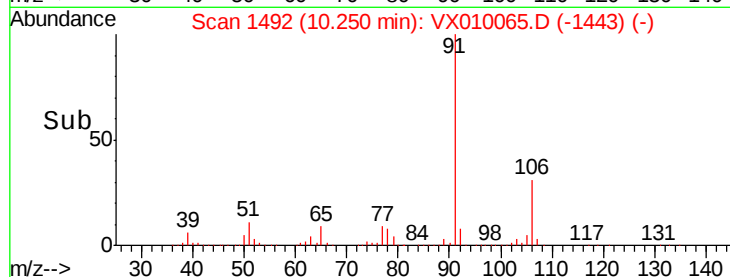
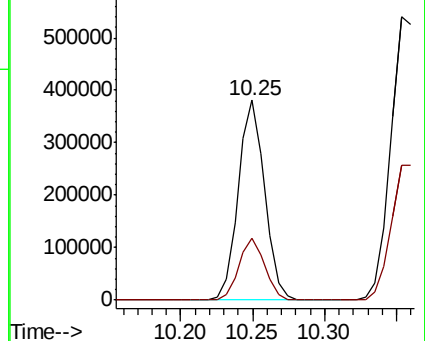
91 100

106 30.7 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 115.303 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010065.D

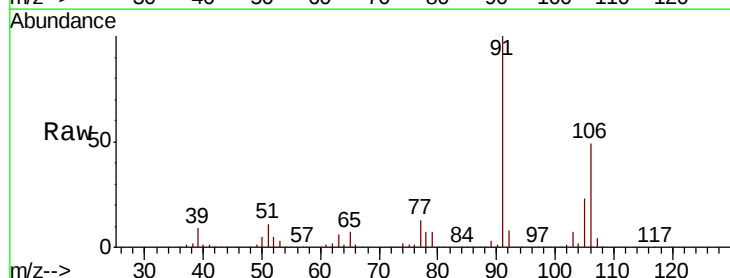
Acq: 05 Jun 2019 10:20

Tgt Ion: 106 Resp: 362601

Ion Ratio Lower Upper

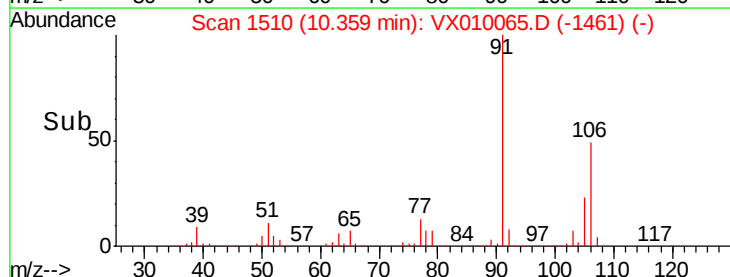
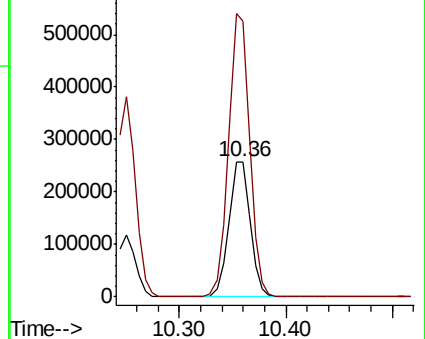
106 100

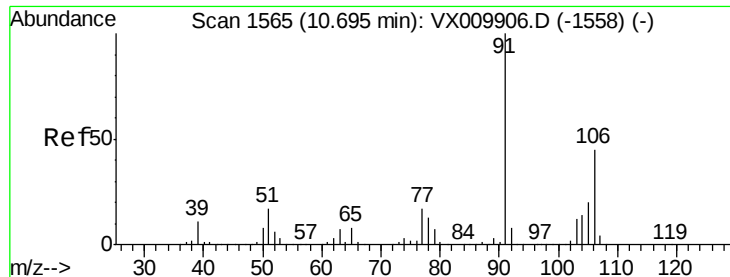
91 207.2 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

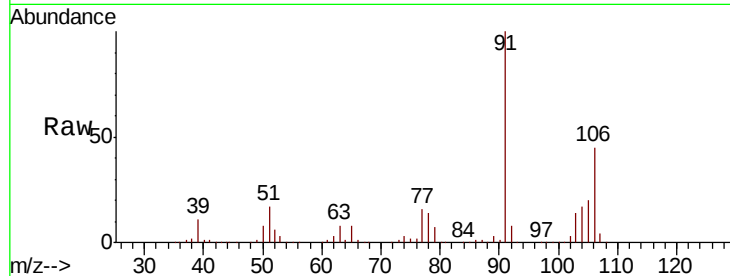




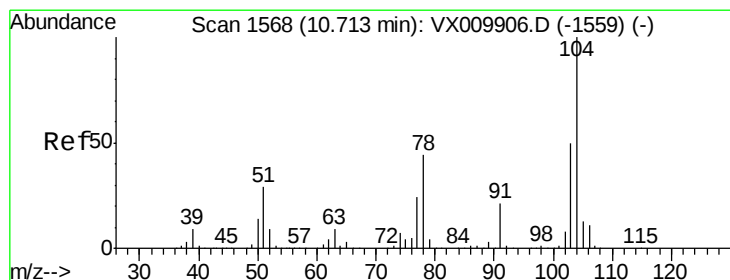
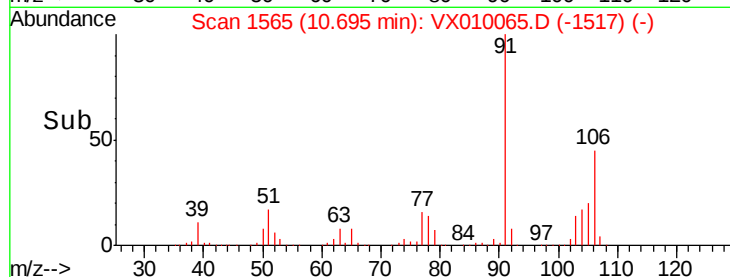
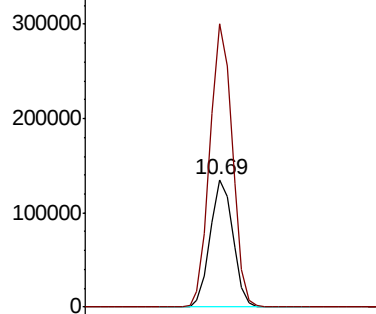
#69
o-Xylene
Concen: 57.480 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 173358
Ion Ratio Lower Upper
106 100
91 219.5 109.5 328.4

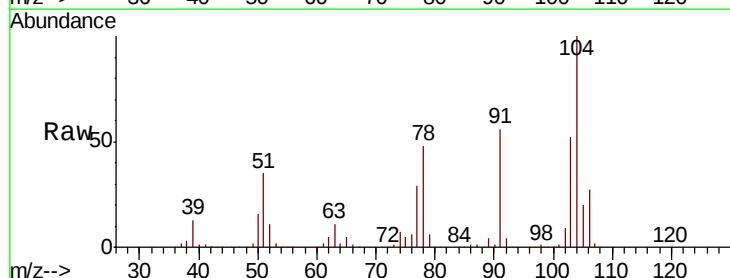


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

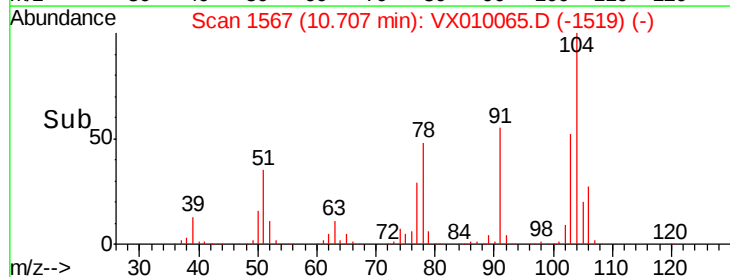
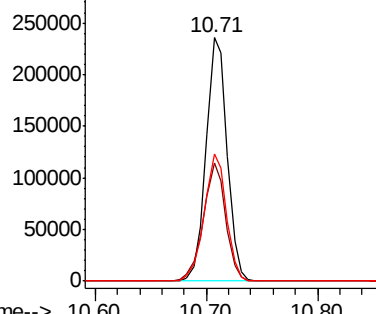


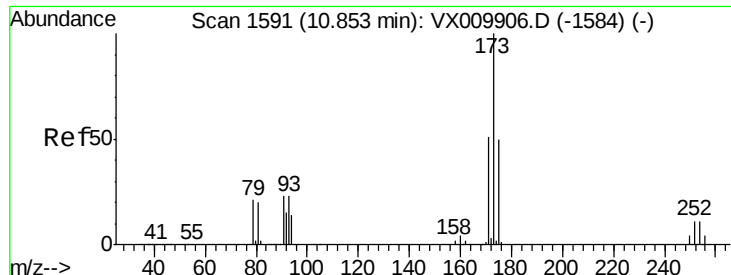
#70
Styrene
Concen: 58.179 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

Tgt Ion:104 Resp: 307683
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.4
103 55.3 43.8 65.6



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





#71

Bromoform

Concen: 59.407 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

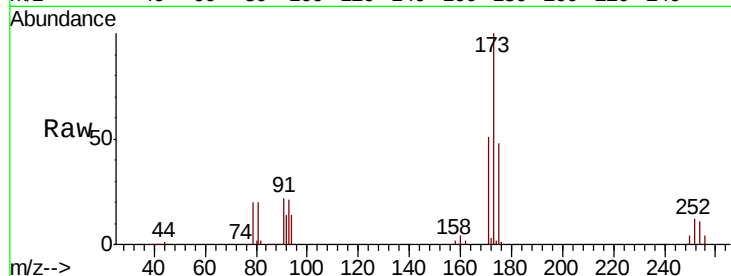
Tgt Ion:173 Resp: 79849

Ion Ratio Lower Upper

173 100

175 49.1 24.5 73.5

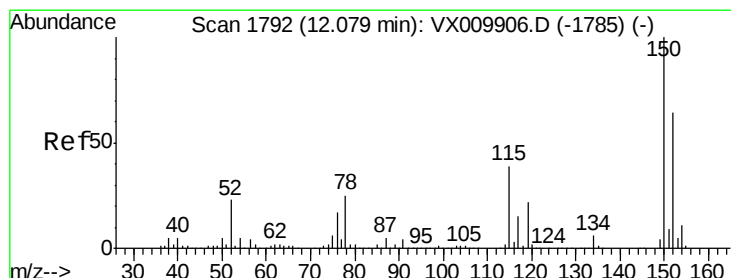
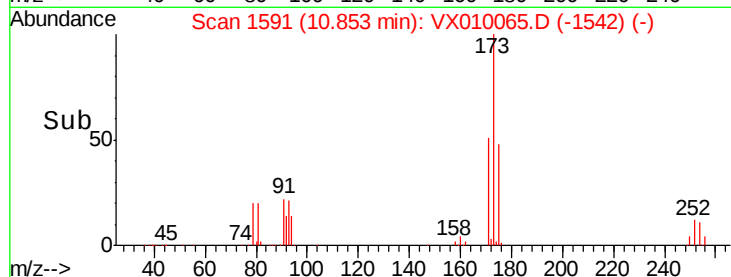
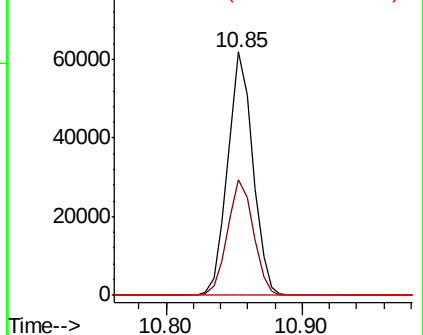
254 0.2 0.1 0.1#



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: VX010065.D

Acq: 05 Jun 2019 10:20

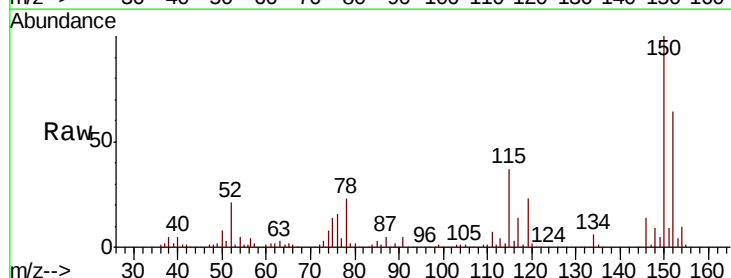
Tgt Ion:152 Resp: 117352

Ion Ratio Lower Upper

152 100

115 83.8 41.2 123.6

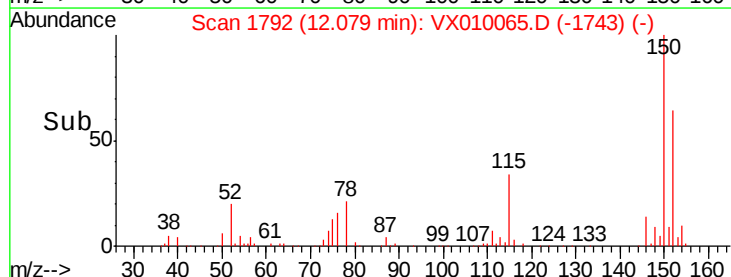
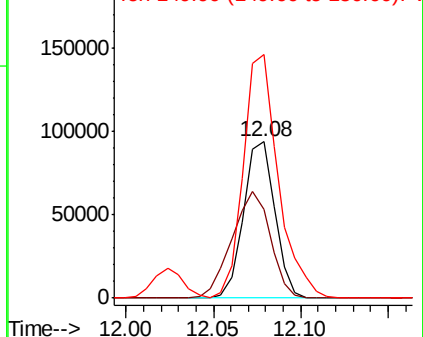
150 173.5 0.0 346.4

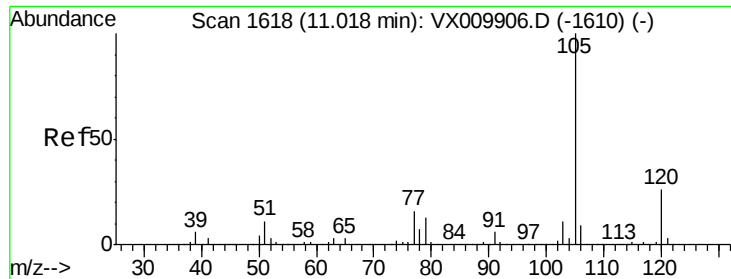


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.271 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

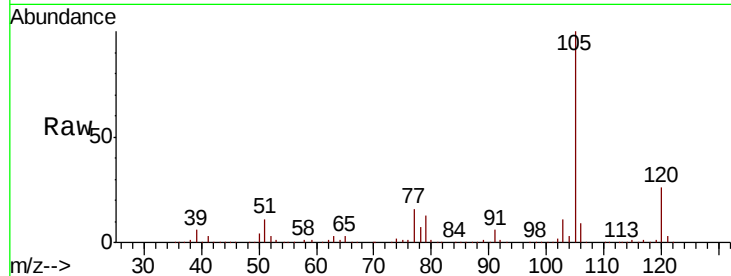
VSTDCCC050

Tgt Ion: 105 Resp: 469909

Ion Ratio Lower Upper

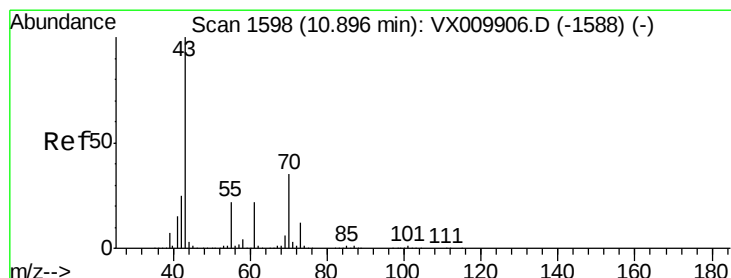
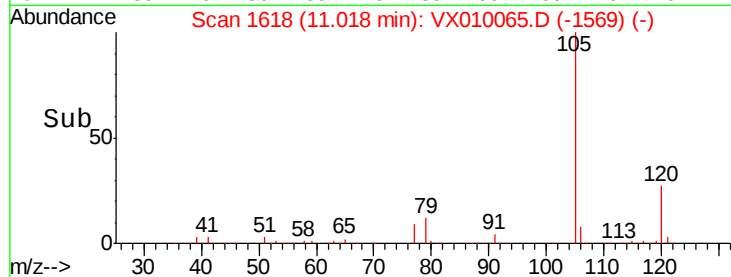
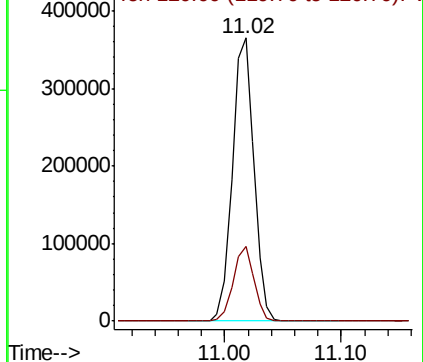
105 100

120 25.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.508 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Tgt Ion: 43 Resp: 266496

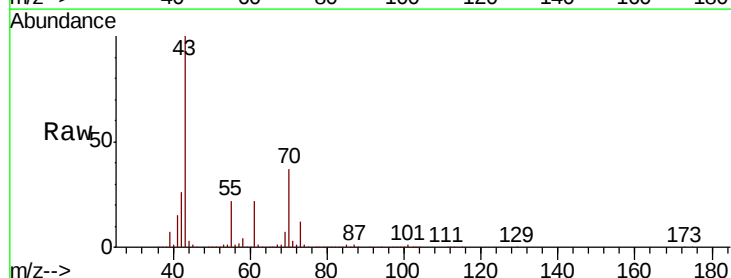
Ion Ratio Lower Upper

43 100

70 36.9 30.0 45.0

55 22.4 17.9 26.9

61 22.3 18.4 27.6

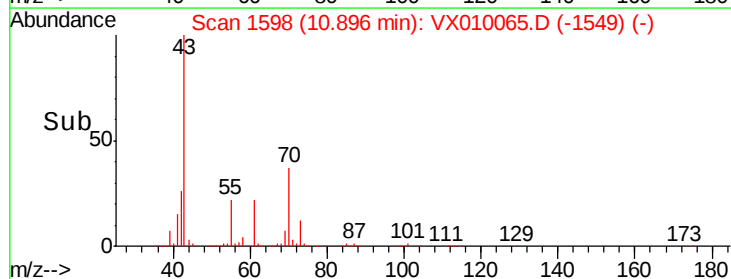
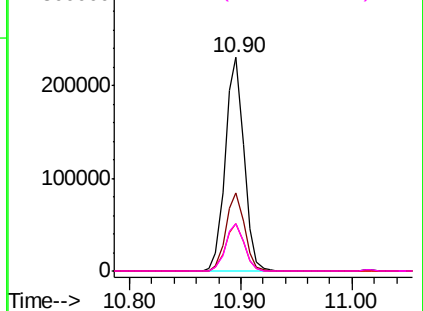


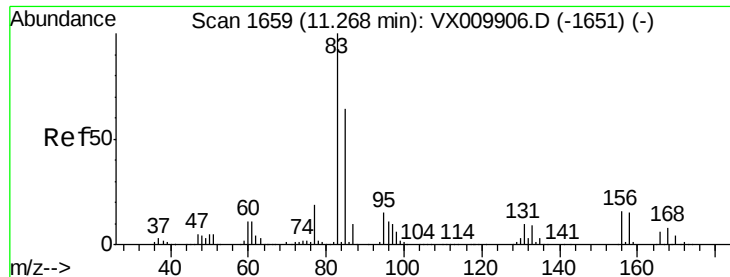
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.701 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

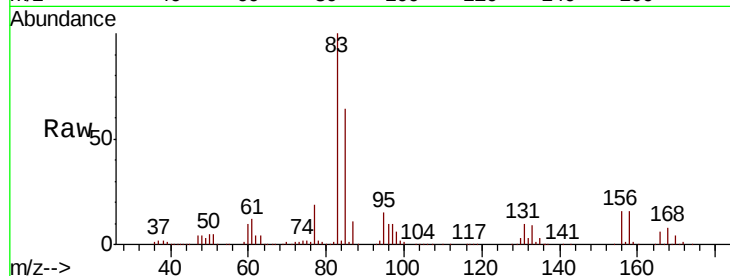
Tgt Ion: 83 Resp: 160546

Ion Ratio Lower Upper

83 100

131 9.6 4.6 13.8

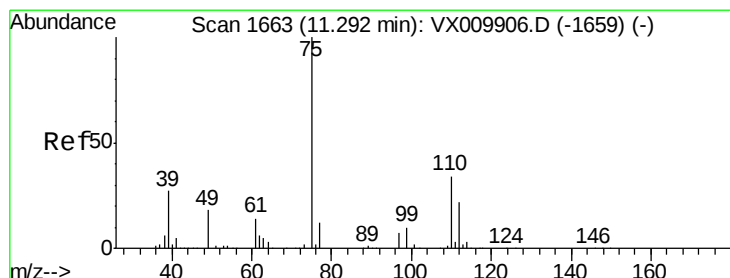
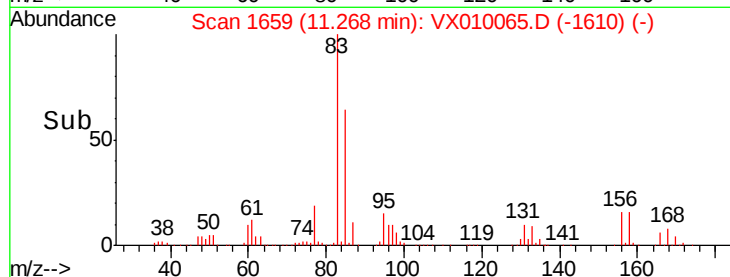
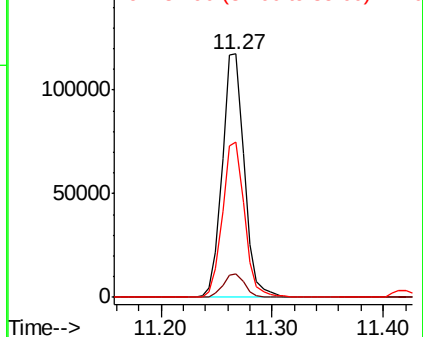
85 64.0 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 59.089 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010065.D

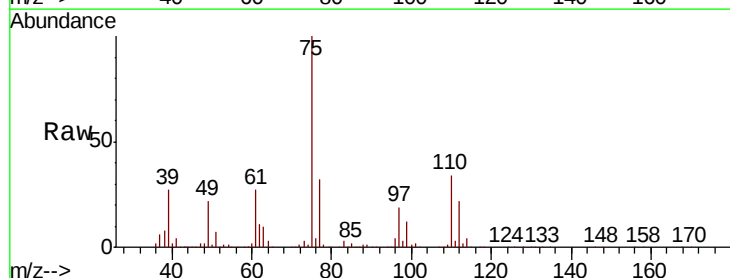
Acq: 05 Jun 2019 10:20

Tgt Ion: 75 Resp: 196297

Ion Ratio Lower Upper

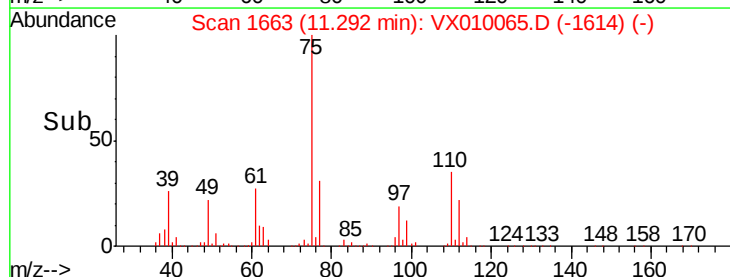
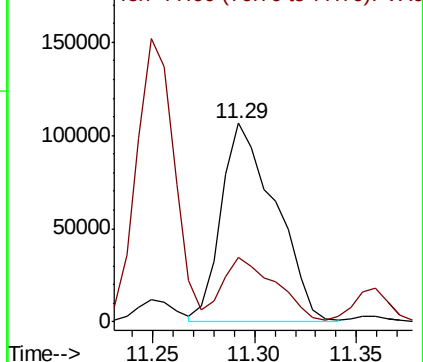
75 100

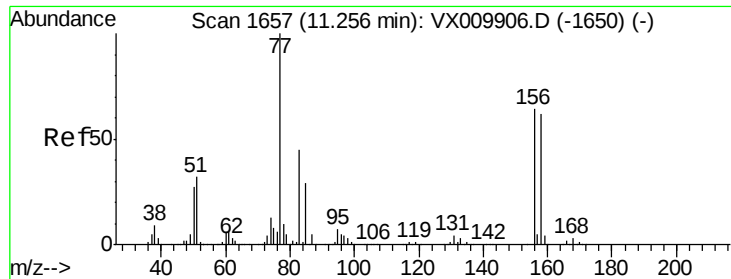
77 32.0 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.955 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

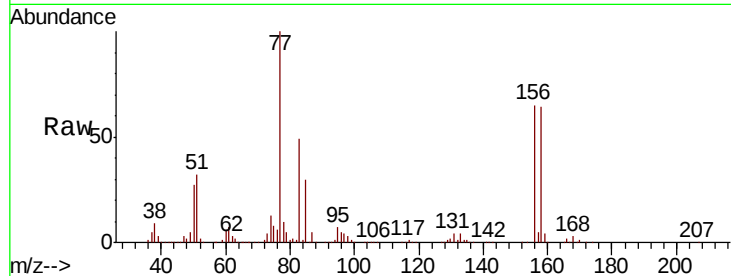
Tgt Ion:156 Resp: 116848

Ion Ratio Lower Upper

156 100

77 167.3 84.8 254.3

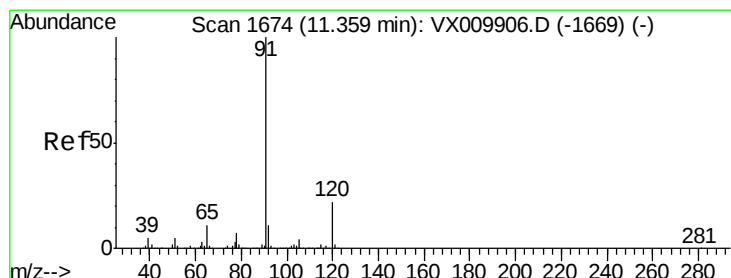
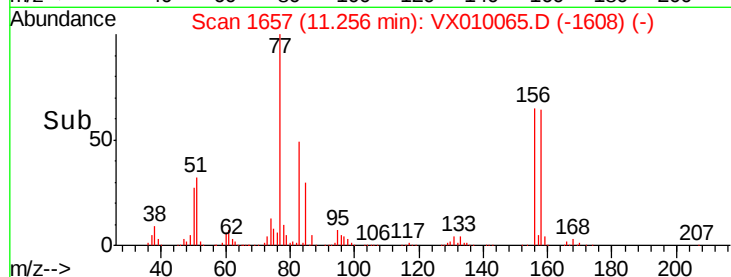
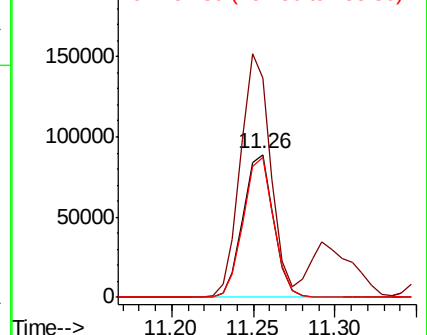
158 97.1 49.1 147.3



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: 55.459 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010065.D

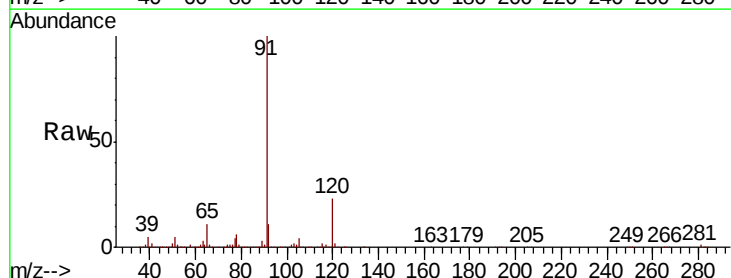
Acq: 05 Jun 2019 10:20

Tgt Ion: 91 Resp: 553495

Ion Ratio Lower Upper

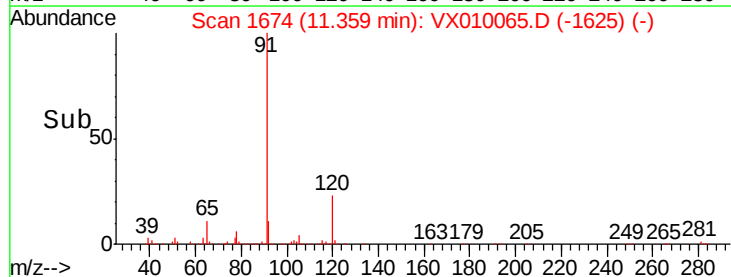
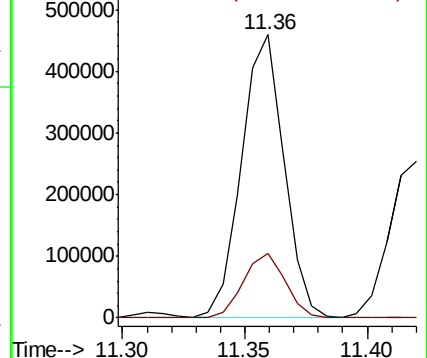
91 100

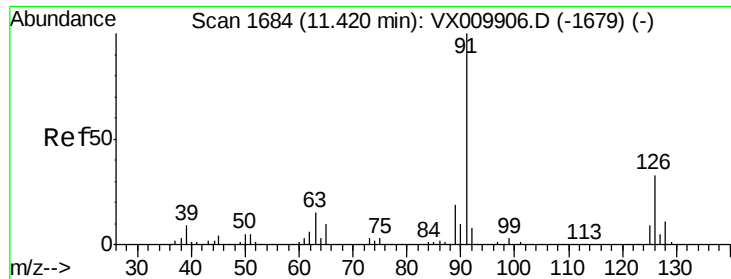
120 22.6 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.940 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

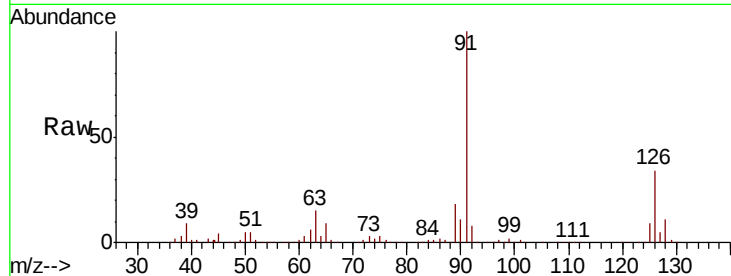
VSTDCCC050

Tgt Ion: 91 Resp: 322811

Ion Ratio Lower Upper

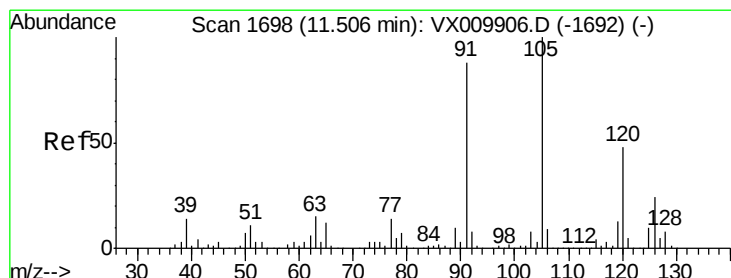
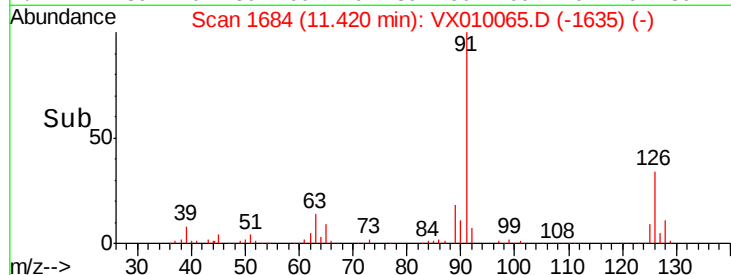
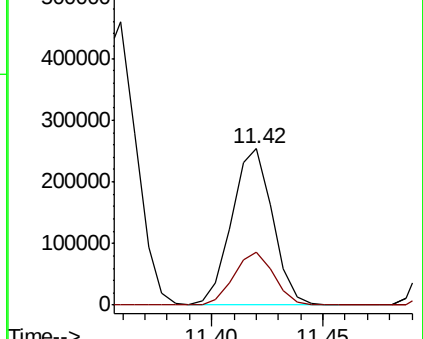
91 100

126 33.4 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.081 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010065.D

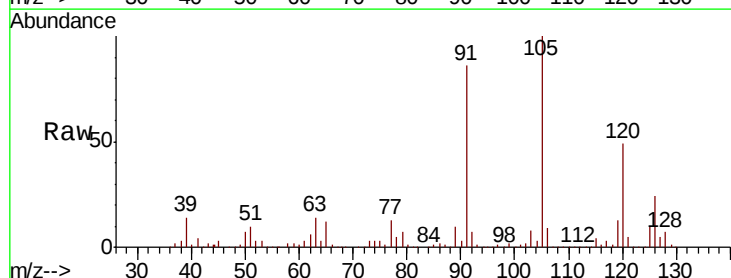
Acq: 05 Jun 2019 10:20

Tgt Ion: 105 Resp: 401786

Ion Ratio Lower Upper

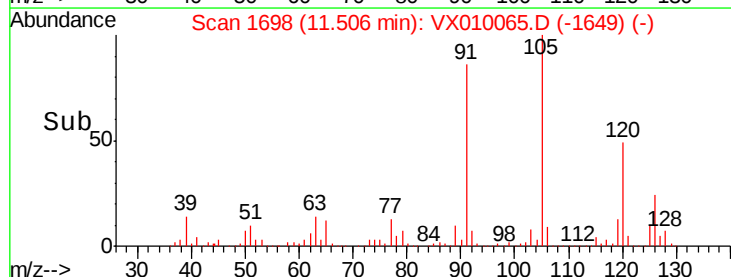
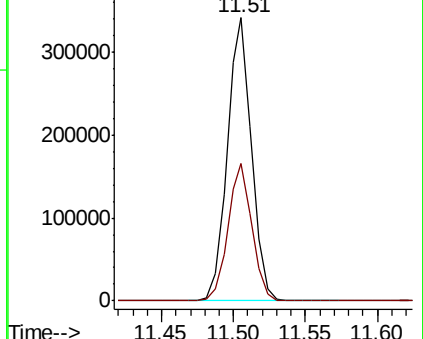
105 100

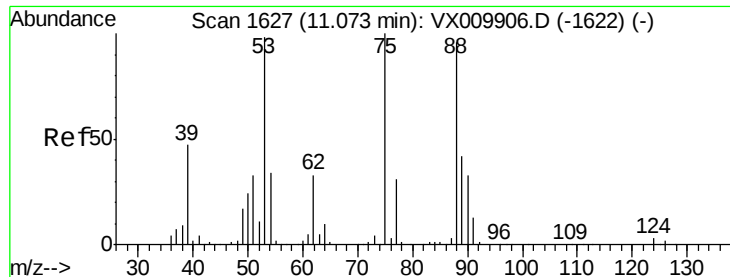
120 48.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.494 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

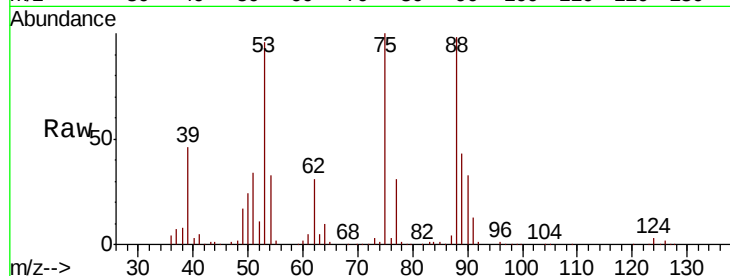
Tgt Ion: 75 Resp: 59540

Ion Ratio Lower Upper

75 100

53 99.2 79.0 118.6

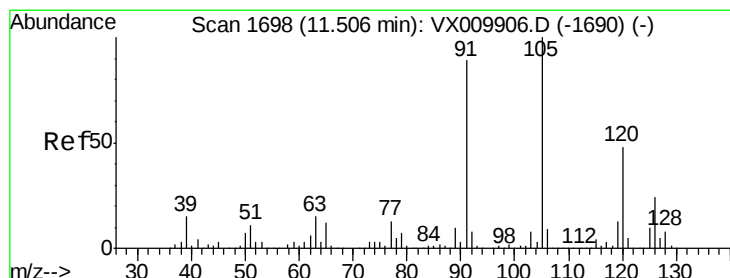
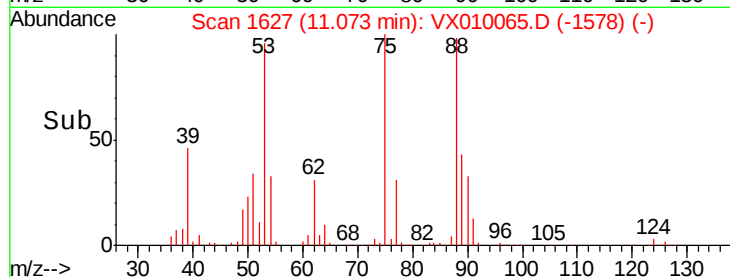
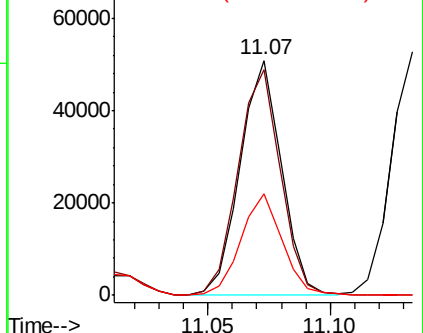
89 43.8 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.364 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010065.D

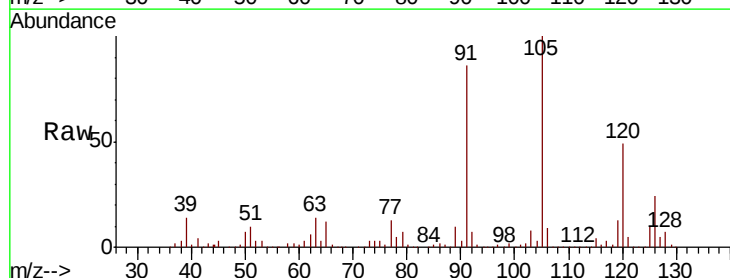
Acq: 05 Jun 2019 10:20

Tgt Ion: 91 Resp: 378797

Ion Ratio Lower Upper

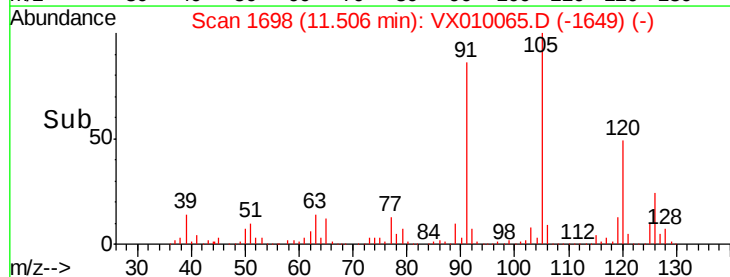
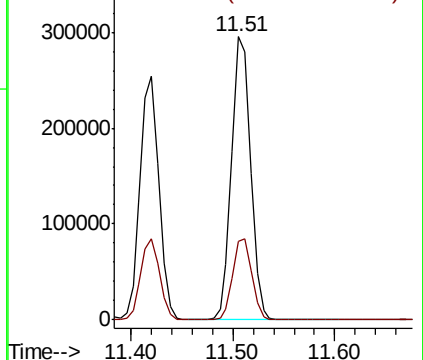
91 100

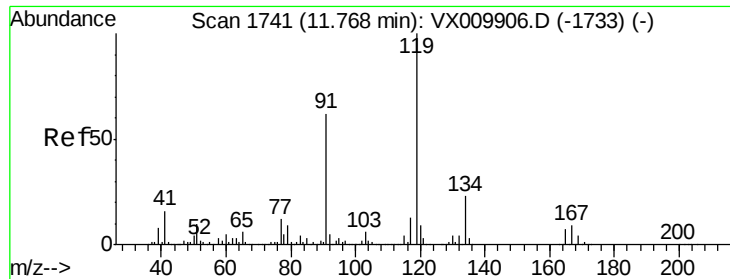
126 28.7 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

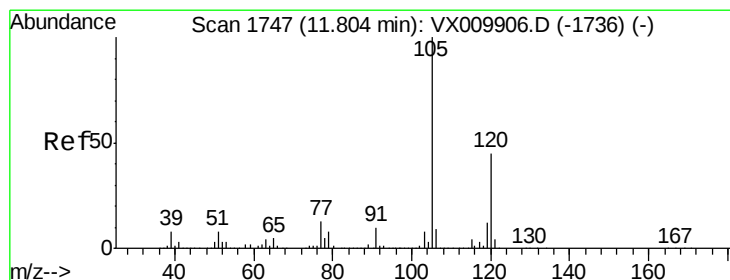
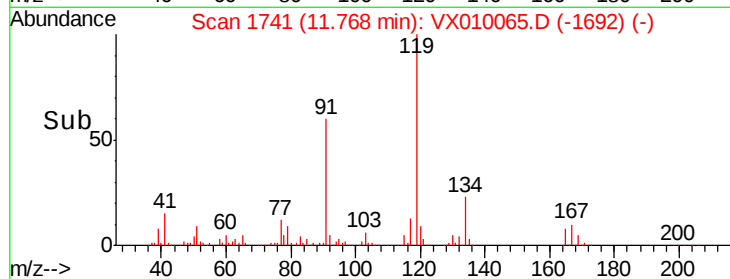
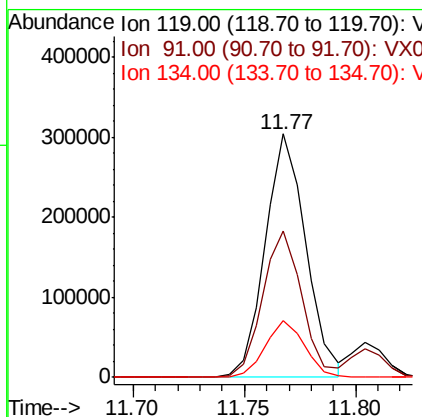
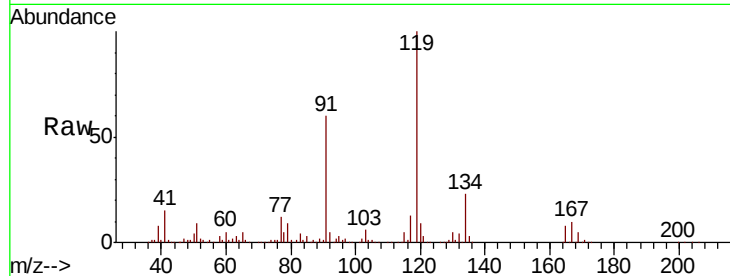




#83
 tert-Butylbenzene
 Concen: 55.149 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

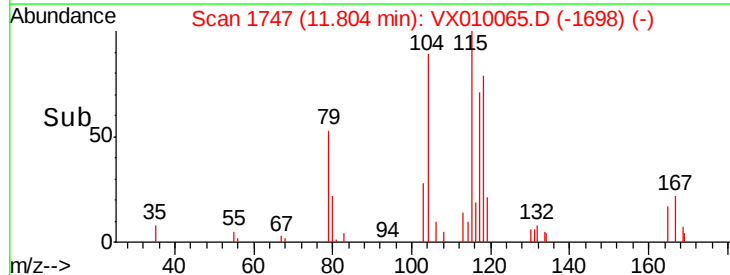
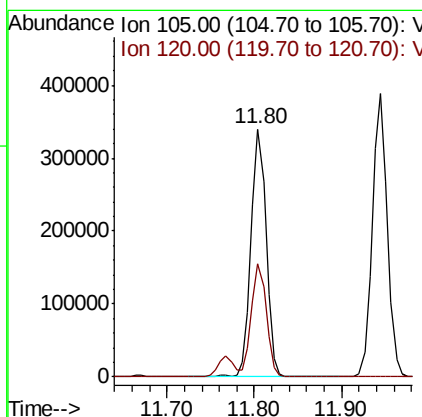
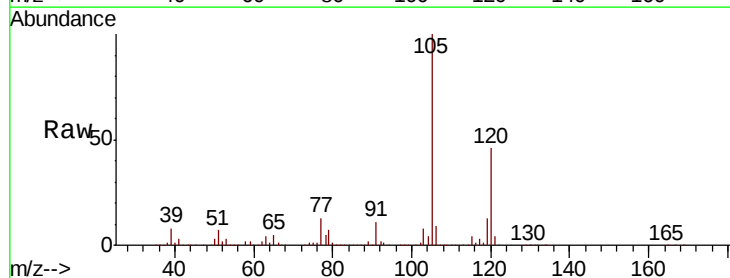
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

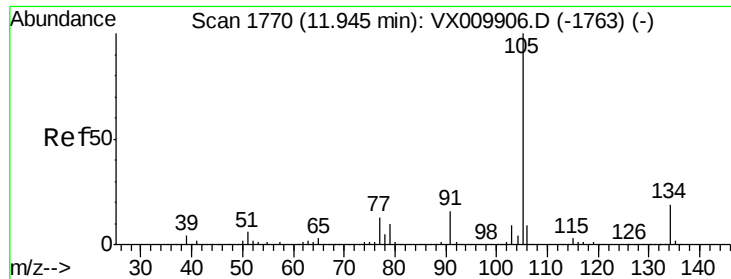
Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.5	29.5	88.5
134	22.4	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.593 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.0	66.0





#85

sec-Butylbenzene

Concen: 56.290 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

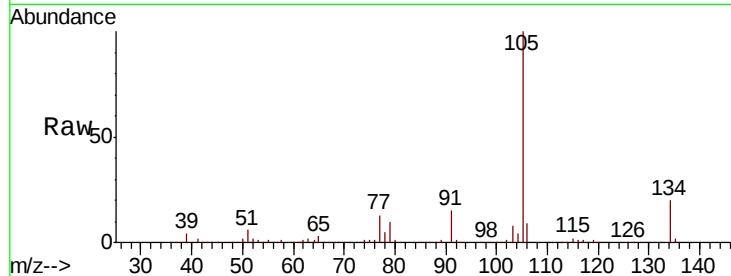
VSTDCCC050

Tgt Ion:105 Resp: 467334

Ion Ratio Lower Upper

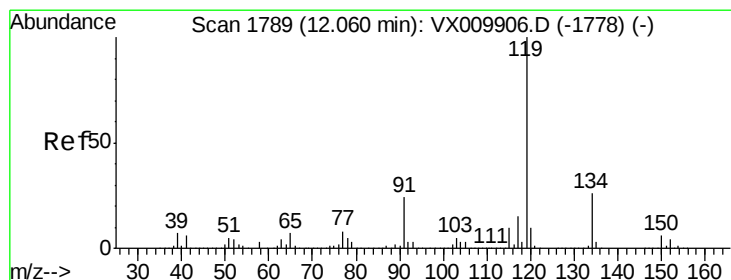
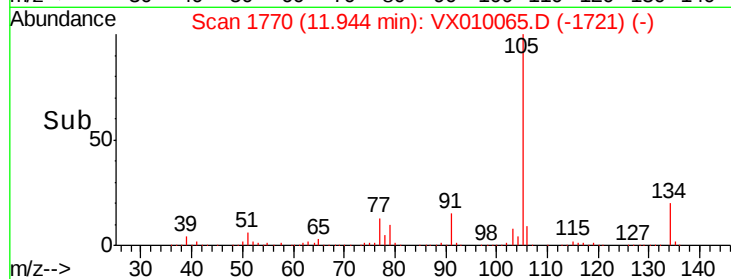
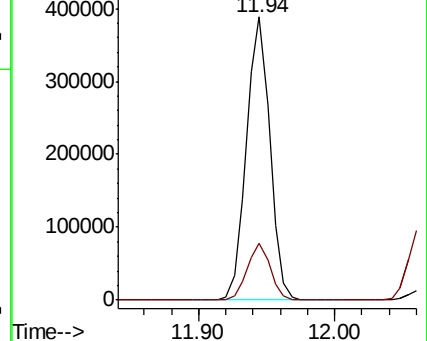
105 100

134 19.8 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.244 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010065.D

Acq: 05 Jun 2019 10:20

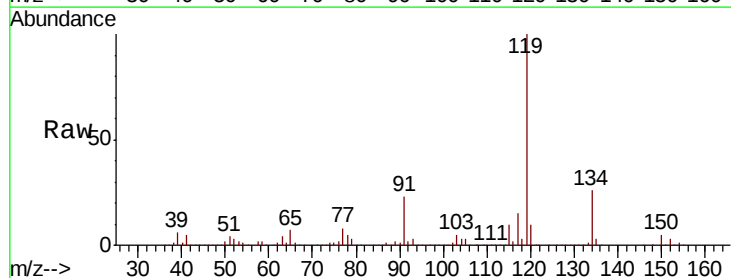
Tgt Ion:119 Resp: 434950

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

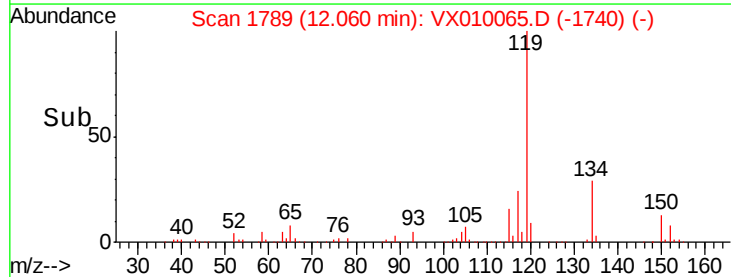
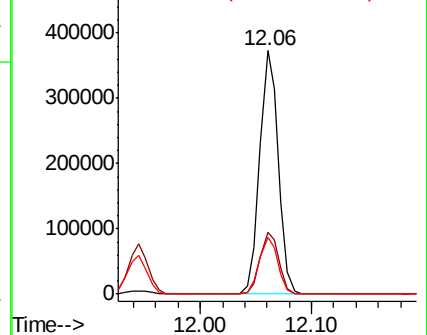
91 23.4 11.8 35.4

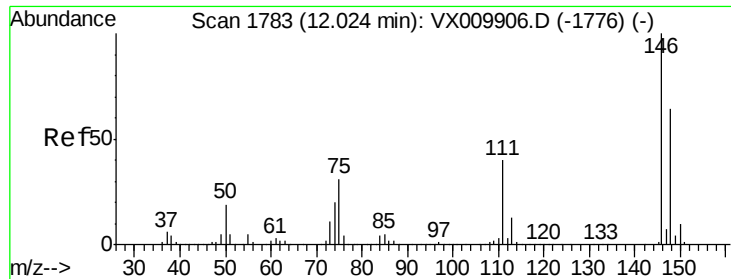


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

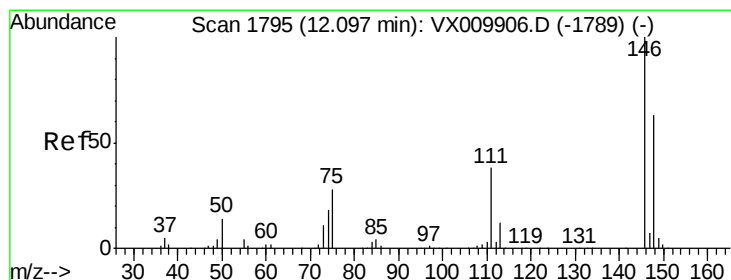
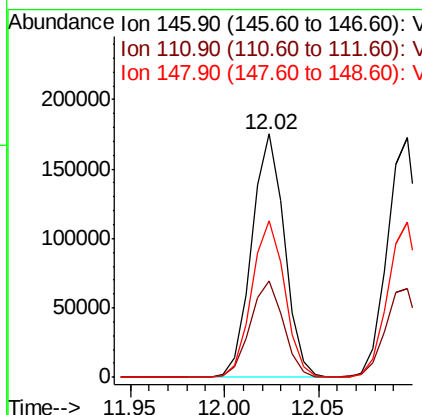
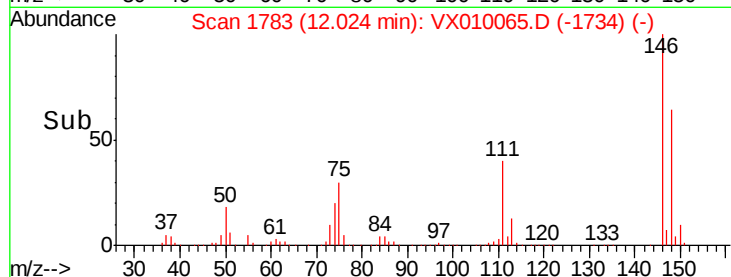
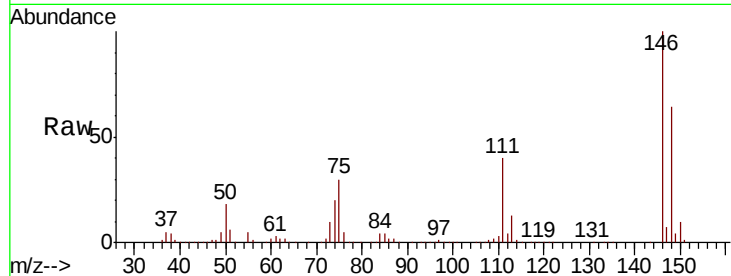




#87
 1,3-Dichlorobenzene
 Concen: 53.843 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

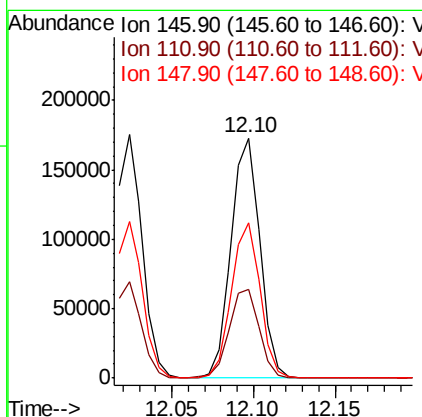
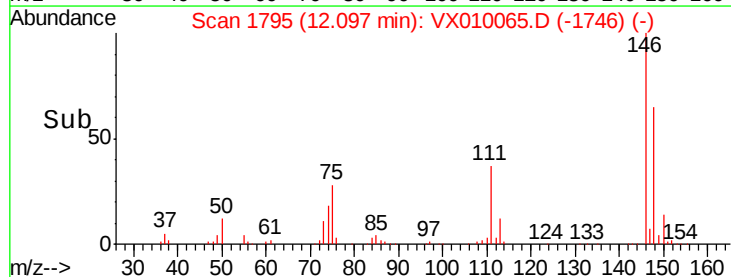
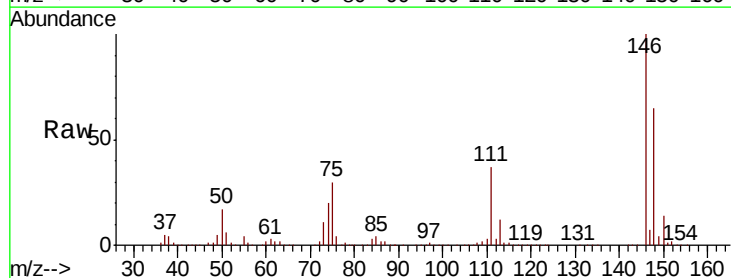
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

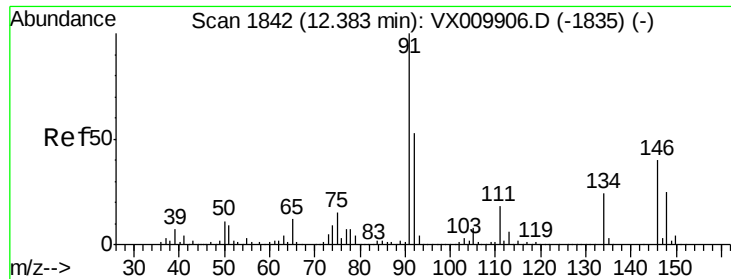
Tgt Ion:146 Resp: 211518
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 64.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 53.169 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Tgt Ion:146 Resp: 213016
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.6 58.8
 148 64.2 31.8 95.3

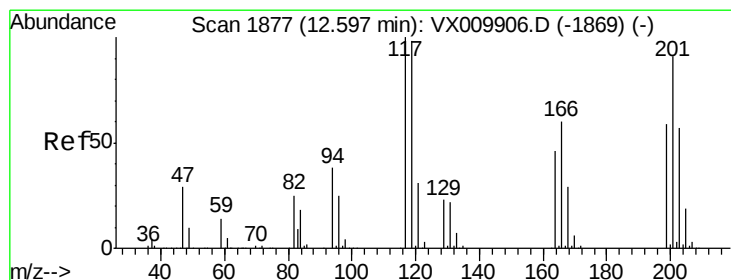
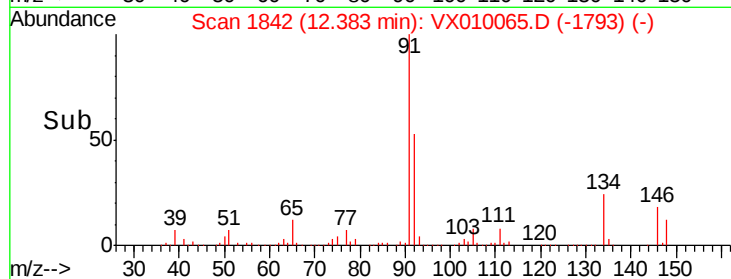
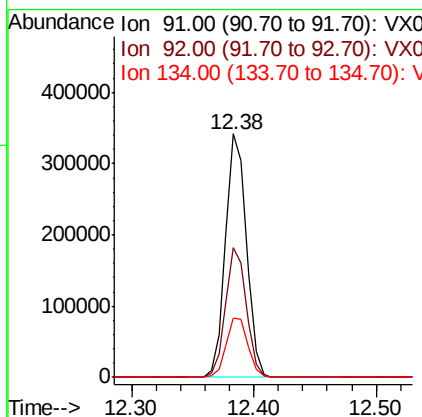
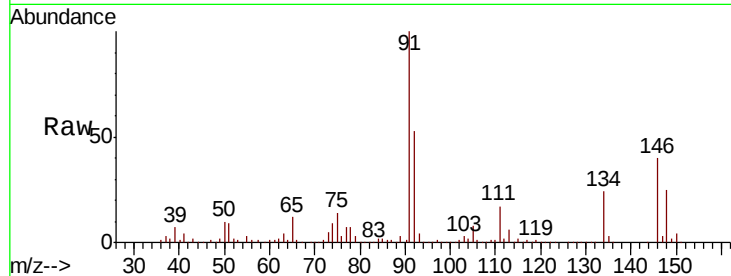




#89
n-Butylbenzene
Concen: 57.611 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

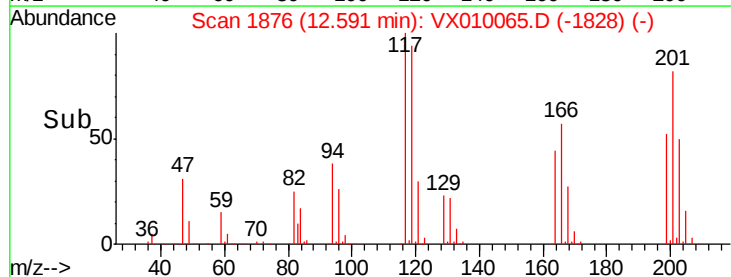
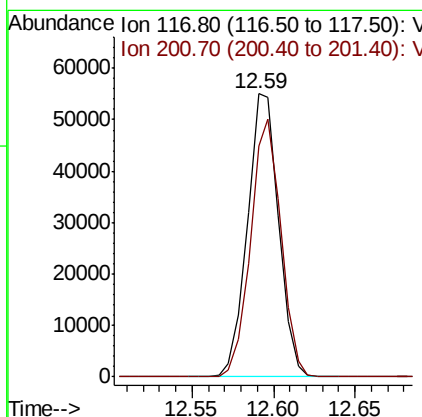
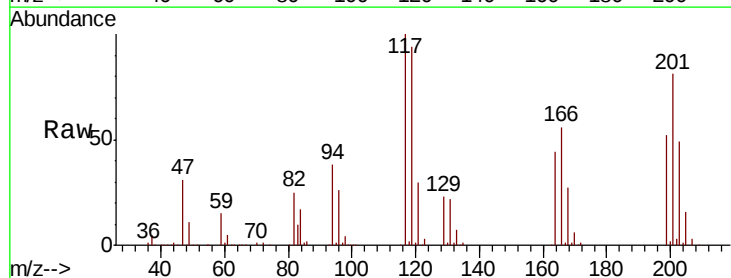
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

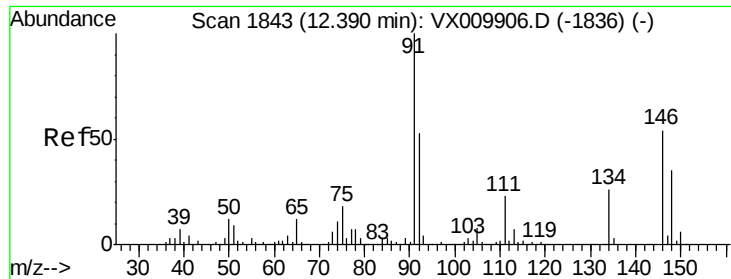
Tgt Ion: 91 Resp: 404317
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 25.1 12.4 37.2



#90
Hexachloroethane
Concen: 57.359 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

Tgt Ion: 117 Resp: 73508
Ion Ratio Lower Upper
117 100
201 88.3 42.3 126.9

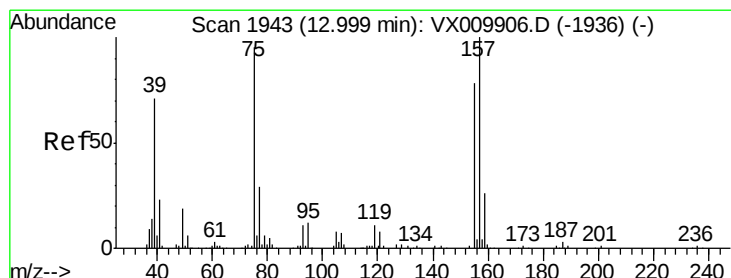
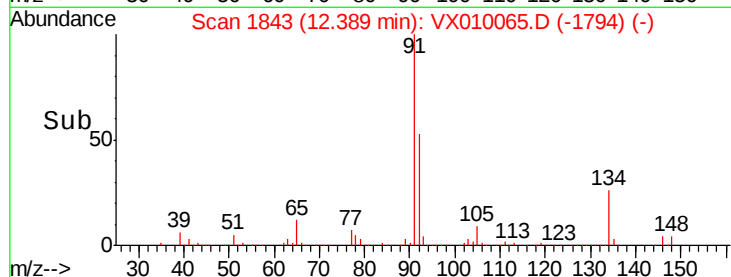
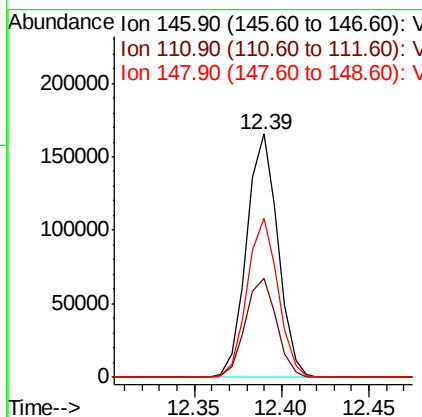
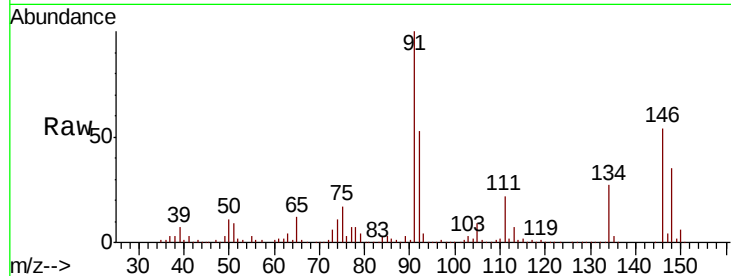




#91
 1,2-Dichlorobenzene
 Concen: 53.148 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

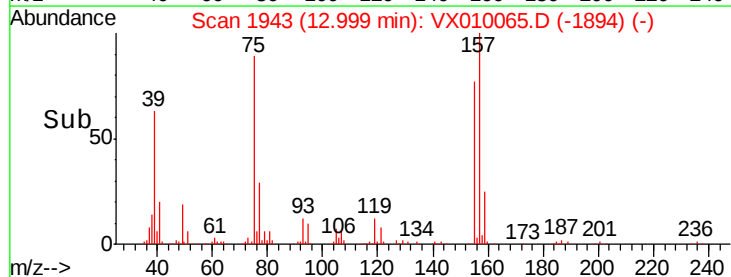
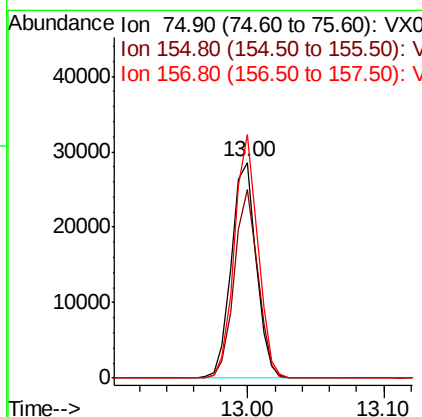
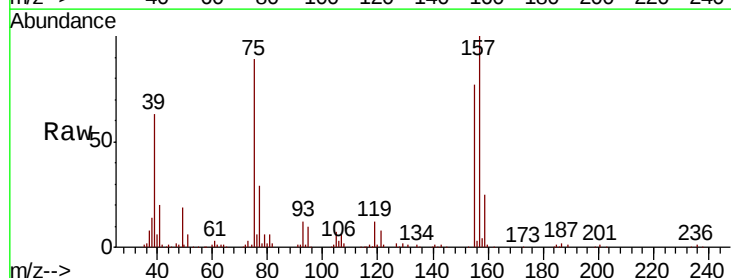
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

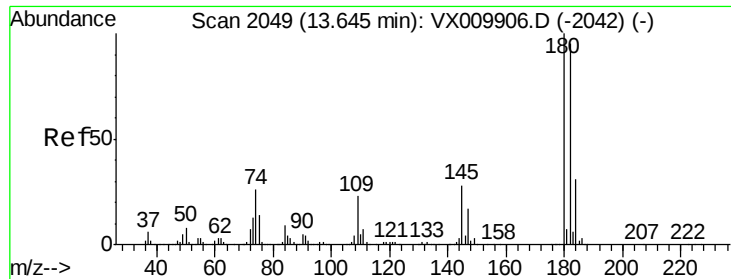
Tgt Ion: 146 Resp: 205849
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.8 62.4
 148 64.5 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.971 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Tgt Ion: 75 Resp: 36475
 Ion Ratio Lower Upper
 75 100
 155 83.0 42.0 126.0
 157 106.7 53.2 159.6

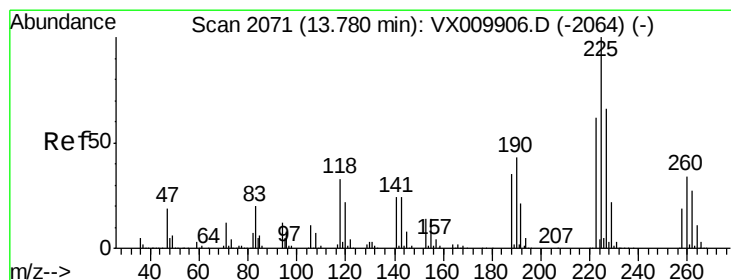
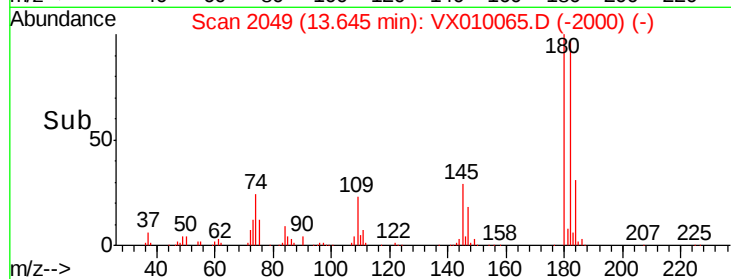
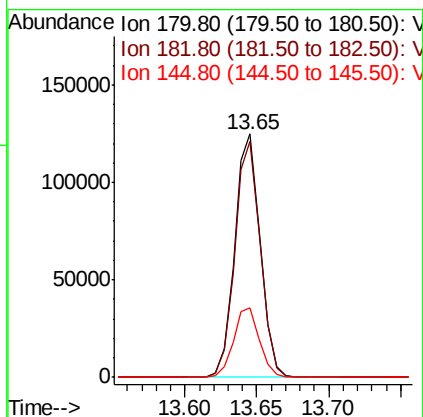
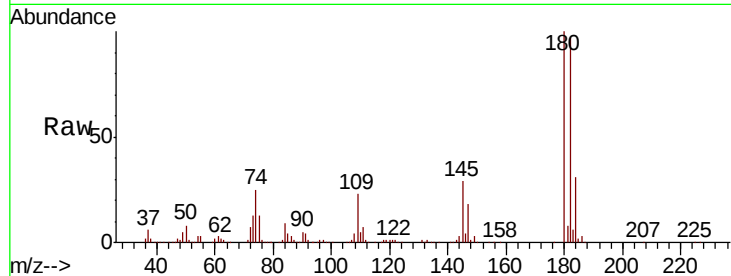




#93
 1,2,4-Trichlorobenzene
 Concen: 55.512 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

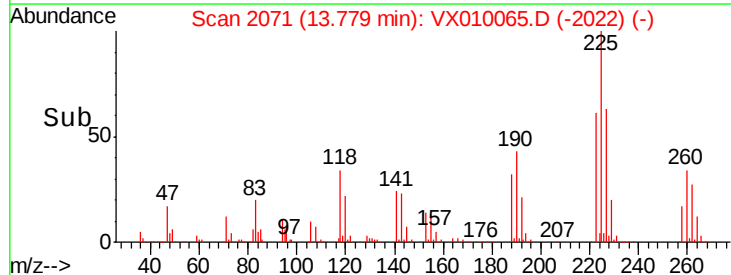
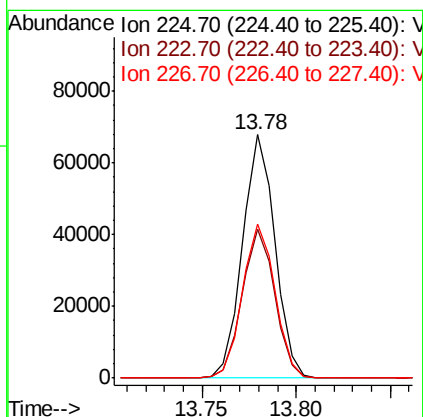
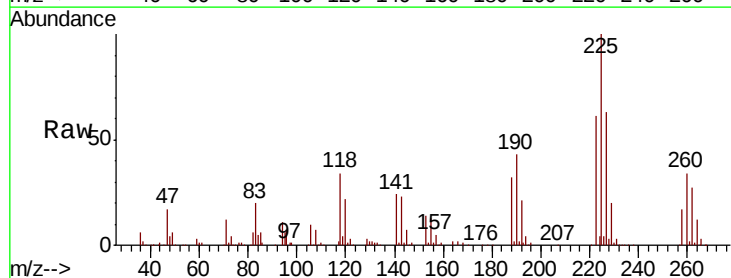
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

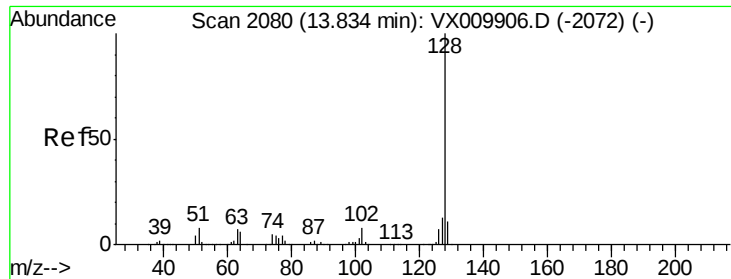
Tgt Ion:180 Resp: 153649
 Ion Ratio Lower Upper
 180 100
 182 96.9 48.4 145.2
 145 29.0 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 58.074 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010065.D
 Acq: 05 Jun 2019 10:20

Tgt Ion:225 Resp: 80624
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.3 93.8
 227 63.9 31.8 95.3

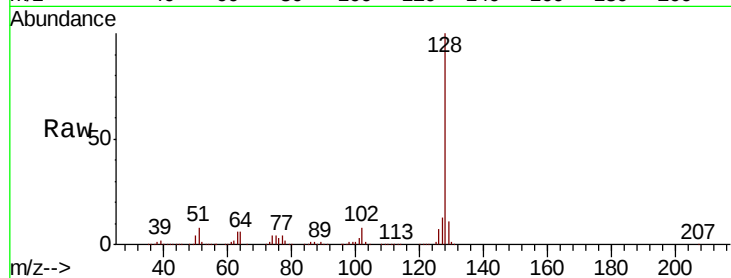




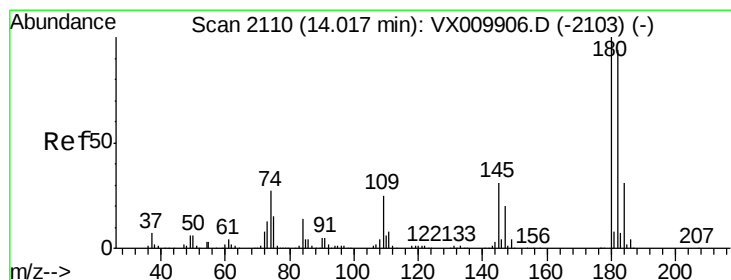
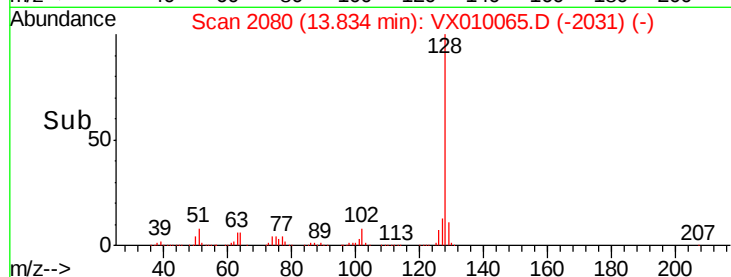
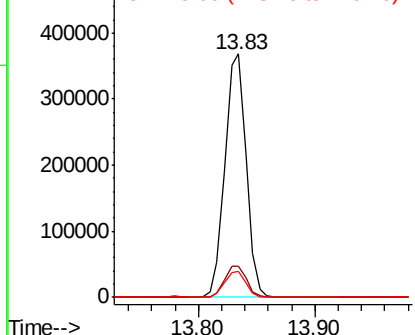
#95
Naphthalene
Concen: 54.086 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 465859
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.6 13.0

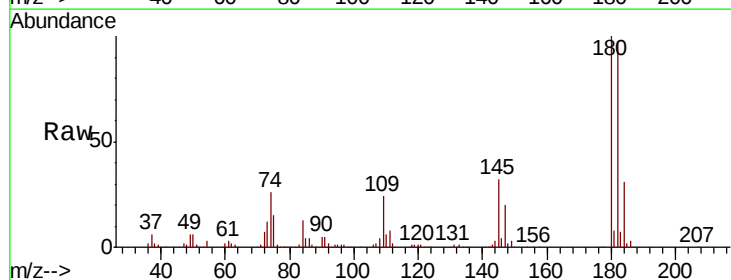


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 54.288 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010065.D
Acq: 05 Jun 2019 10:20

Tgt Ion:180 Resp: 150407
Ion Ratio Lower Upper
180 100
182 95.7 47.8 143.4
145 31.0 15.4 46.4



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

