

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082119\
 Data File : VX011739.D
 Acq On : 21 Aug 2019 18:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 03:40:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	327063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	449768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	419752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	211809	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	149835	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	5.49	113	138388	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
50) Toluene-d8	8.71	98	442374	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
62) 4-Bromofluorobenzene	11.13	95	189382	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	182945	56.906	ug/l	99
3) Chloromethane	1.32	50	147145	44.068	ug/l	99
4) Vinyl Chloride	1.40	62	146814	48.674	ug/l	99
5) Bromomethane	1.63	94	75706	56.016	ug/l	98
6) Chloroethane	1.71	64	84857	59.442	ug/l	99
7) Trichlorofluoromethane	1.92	101	246228	58.937	ug/l	98
8) Diethyl Ether	2.18	74	83359	58.165	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	155499	53.887	ug/l	99
10) Methyl Iodide	2.50	142	178993	43.542	ug/l	100
11) Tert butyl alcohol	3.04	59	211189	283.818	ug/l	100
12) 1,1-Dichloroethene	2.36	96	147795	52.997	ug/l	97
13) Acrolein	2.29	56	68266	295.813	ug/l	95
14) Allyl chloride	2.72	41	250305	53.956	ug/l	98
15) Acrylonitrile	3.14	53	484848	284.698	ug/l	99
16) Acetone	2.43	43	416130	272.856	ug/l	100
17) Carbon Disulfide	2.56	76	328590	50.004	ug/l	100
18) Methyl Acetate	2.76	43	277832	58.740	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	525524	57.861	ug/l	99
20) Methylene Chloride	2.85	84	171236	53.476	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	161511	54.653	ug/l	99
22) Diisopropyl ether	3.85	45	492957	53.358	ug/l	98
23) Vinyl Acetate	3.81	43	1974217	269.857	ug/l	99
24) 1,1-Dichloroethane	3.69	63	276180	52.874	ug/l	99
25) 2-Butanone	4.67	43	653141	272.795	ug/l	100
26) 2,2-Dichloropropane	4.57	77	223268	56.792	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	186782	54.217	ug/l	100
28) Bromochloromethane	5.01	49	114289	49.843	ug/l	98
29) Tetrahydrofuran	5.12	42	414769	264.089	ug/l	97
30) Chloroform	5.20	83	303038	54.973	ug/l	100
31) Cyclohexane	5.57	56	231399	51.453	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	271504	57.280	ug/l	99
36) 1,1-Dichloropropene	5.79	75	212170	55.174	ug/l	99
37) Ethyl Acetate	4.82	43	226067	51.112	ug/l	100
38) Carbon Tetrachloride	5.77	117	242263	57.182	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	255123	53.723	ug/l	97
40) Benzene	6.13	78	629936	52.714	ug/l	99
41) Methacrylonitrile	5.03	41	131788	54.138	ug/l	98
42) 1,2-Dichloroethane	6.18	62	246641	59.571	ug/l	98
43) Isopropyl Acetate	6.44	43	364758	52.843	ug/l	99
44) Trichloroethene	7.21	130	194103	54.754	ug/l	97
45) 1,2-Dichloropropane	7.51	63	165424	55.507	ug/l	95
46) Dibromomethane	7.66	93	118764	54.838	ug/l	98
47) Bromodichloromethane	7.89	83	229089	57.610	ug/l	99
48) Methyl methacrylate	7.77	41	194412	56.874	ug/l	97
49) 1,4-Dioxane	7.74	88	100572	1106.180	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1285743	284.579	ug/l	100
52) Toluene	8.78	92	423408	55.615	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	240150	58.190	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	263814	58.412	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	180752	55.830	ug/l	98
56) Ethyl methacrylate	9.18	69	266856	56.711	ug/l	98
57) 1,3-Dichloropropane	9.37	76	286414	55.654	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	663071	282.806	ug/l	99
59) 2-Hexanone	9.49	43	1010890	290.142	ug/l	100
60) Dibromochloromethane	9.58	129	189080	56.054	ug/l	99
61) 1,2-Dibromoethane	9.67	107	187172	54.170	ug/l	99
64) Tetrachloroethene	9.34	164	186843	54.252	ug/l	99
65) Chlorobenzene	10.13	112	463651	51.788	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	191153	57.124	ug/l	99
67) Ethyl Benzene	10.25	91	832350	55.707	ug/l	99
68) m/p-Xylenes	10.35	106	614463	107.136	ug/l	97
69) o-Xylene	10.69	106	311030	55.363	ug/l	100
70) Styrene	10.71	104	528049	55.834	ug/l	98
71) Bromoform	10.85	173	161621	49.721	ug/l #	98
73) Isopropylbenzene	11.02	105	849344	61.797	ug/l	100
74) N-amyl acetate	10.90	43	333757	57.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	285043	60.289	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	317651	79.089	ug/l	85
77) Bromobenzene	11.25	156	245887	60.133	ug/l	99
78) n-propylbenzene	11.35	91	901900	60.856	ug/l	99
79) 2-Chlorotoluene	11.42	91	553426	60.814	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	723507	62.666	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	82835	55.343	ug/l	97
82) 4-Chlorotoluene	11.51	91	650423	61.606	ug/l	99
83) tert-Butylbenzene	11.77	119	665072	56.560	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	680410	58.703	ug/l	98
85) sec-Butylbenzene	11.94	105	763252	57.531	ug/l	100
86) p-Isopropyltoluene	12.06	119	727314	58.274	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	384602	54.720	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	386716	54.286	ug/l	99
89) n-Butylbenzene	12.38	91	609235	59.374	ug/l	99
90) Hexachloroethane	12.59	117	115262	58.481	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	394839	55.962	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	63650	58.844	ug/l	91

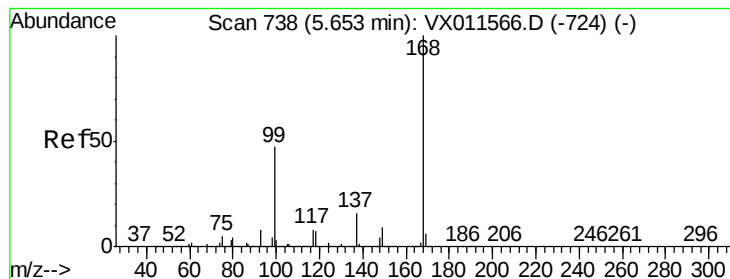
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	291034	55.361	ug/l	99
94) Hexachlorobutadiene	13.78	225	149465	52.214	ug/l	98
95) Naphthalene	13.83	128	887370	59.708	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	294211	55.487	ug/l	99

(#) = 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: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

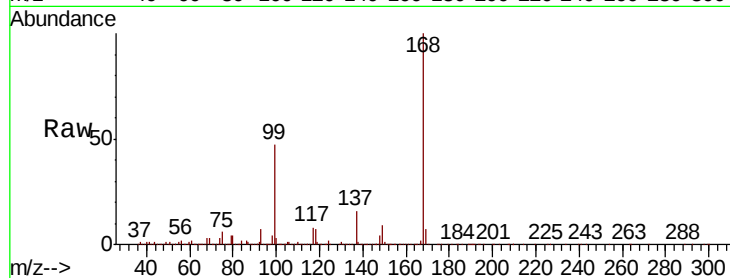
VSTDCCC050

Tgt Ion:168 Resp: 327063

Ion Ratio Lower Upper

168 100

99 47.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

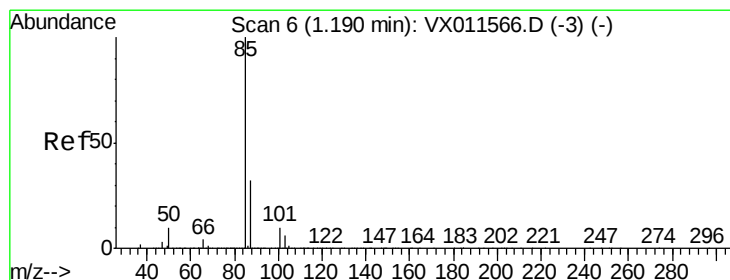
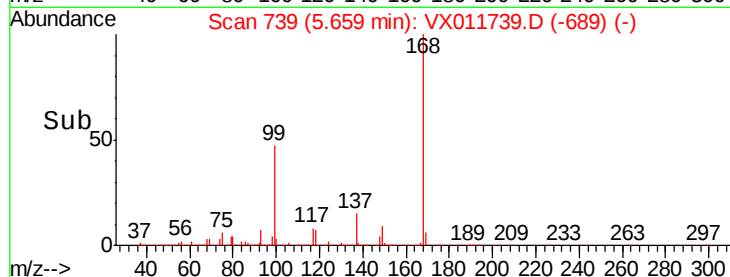
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 56.906 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011739.D

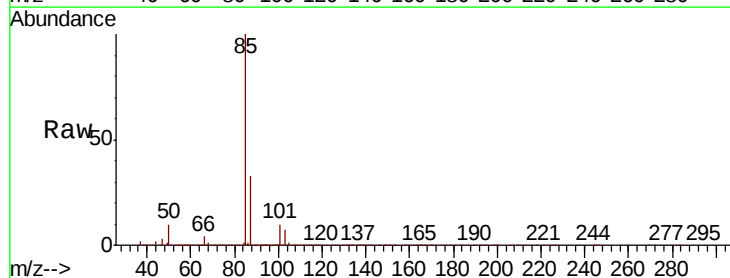
Acq: 21 Aug 2019 18:38

Tgt Ion: 85 Resp: 182945

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

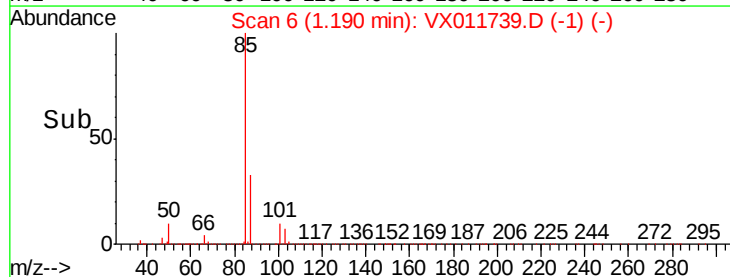
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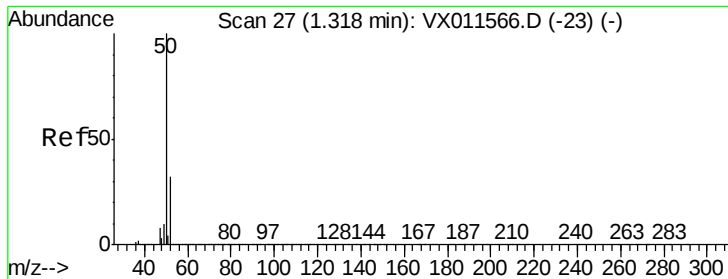
100000

50000

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Time-->





#3

Chloromethane

Concen: 44.068 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

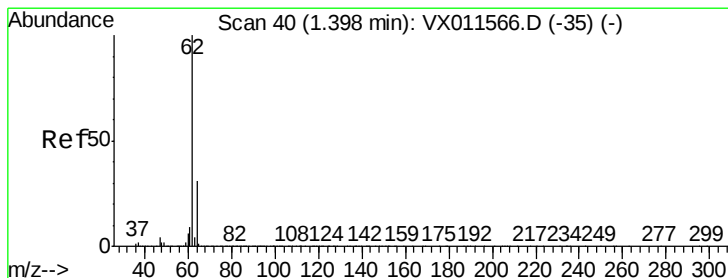
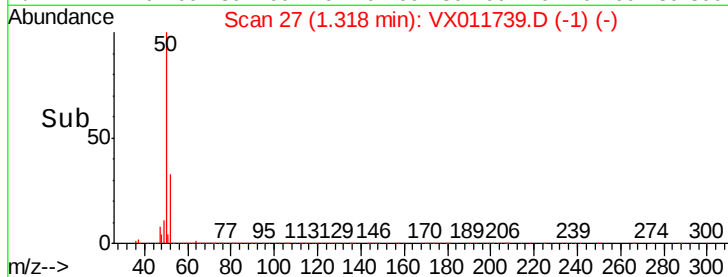
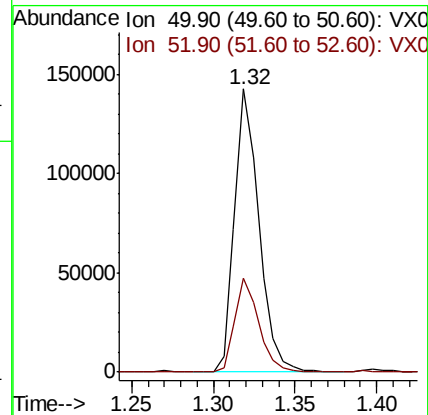
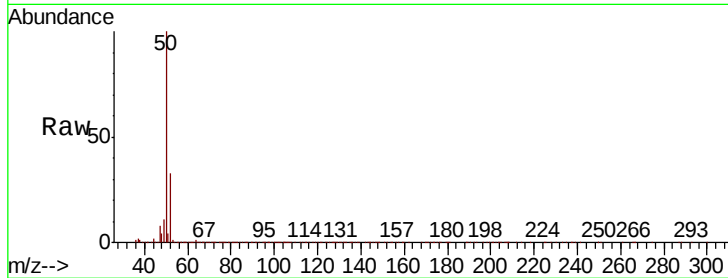
VSTDCCC050

Tgt Ion: 50 Resp: 147145

Ion Ratio Lower Upper

50 100

52 33.1 26.0 39.0



#4

Vinyl Chloride

Concen: 48.674 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011739.D

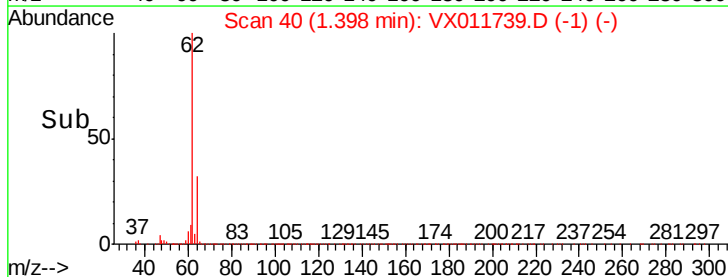
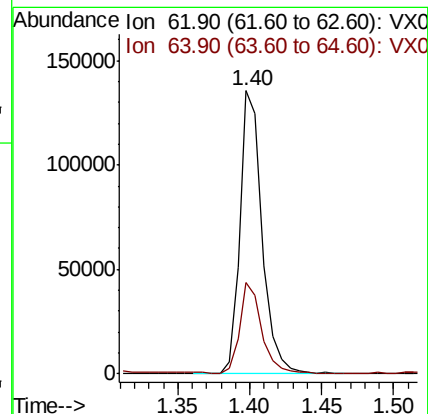
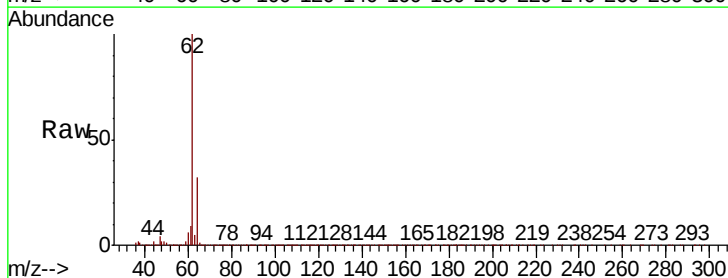
Acq: 21 Aug 2019 18:38

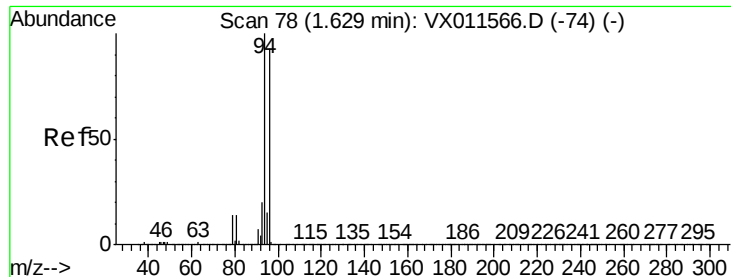
Tgt Ion: 62 Resp: 146814

Ion Ratio Lower Upper

62 100

64 32.0 25.0 37.4





#5

Bromomethane

Concen: 56.016 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

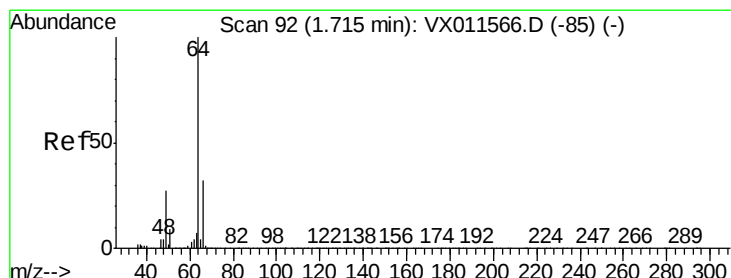
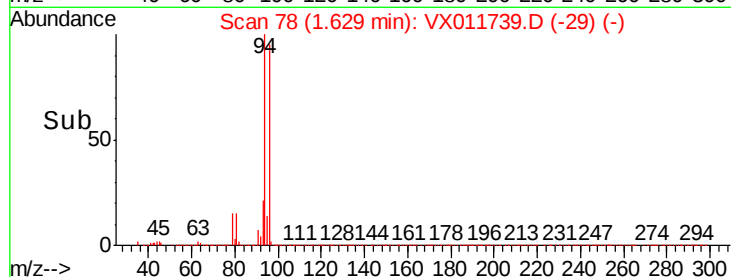
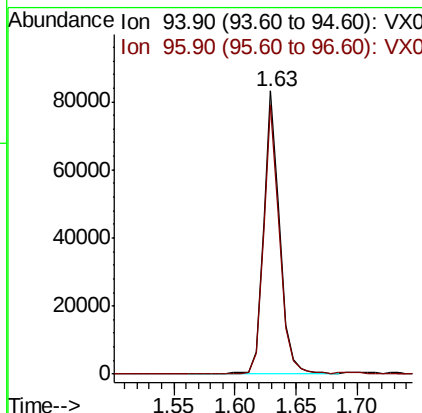
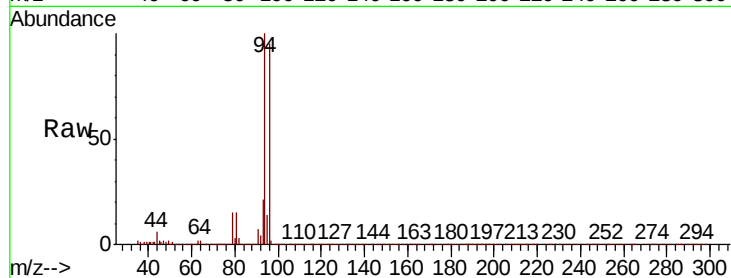
VSTDCCC050

Tgt Ion: 94 Resp: 75706

Ion Ratio Lower Upper

94 100

96 95.3 74.8 112.2



#6

Chloroethane

Concen: 59.442 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011739.D

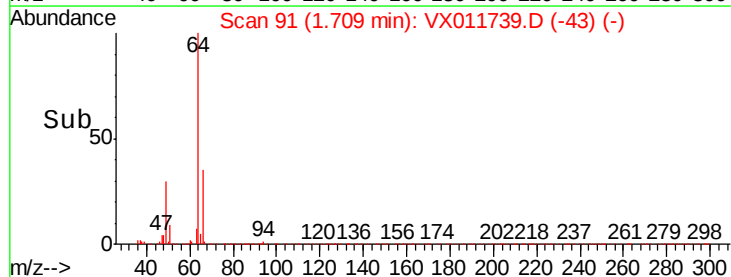
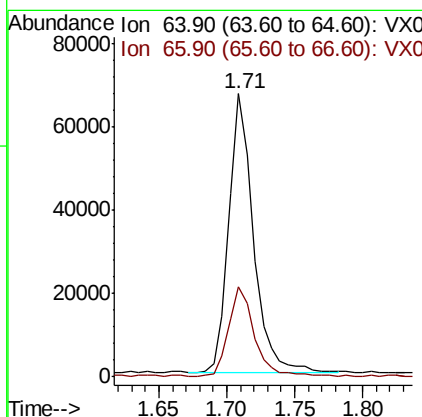
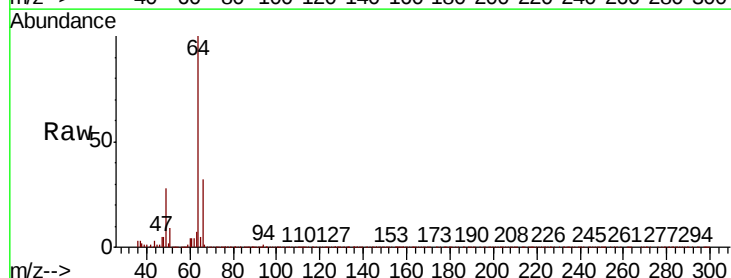
Acq: 21 Aug 2019 18:38

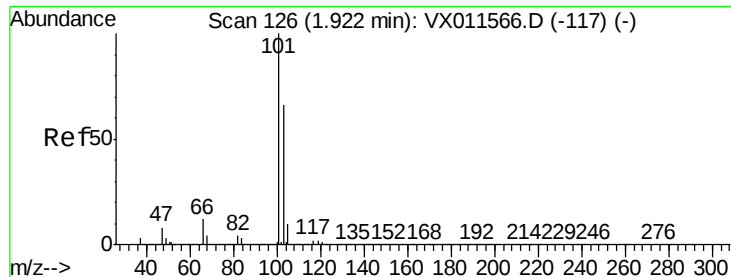
Tgt Ion: 64 Resp: 84857

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9



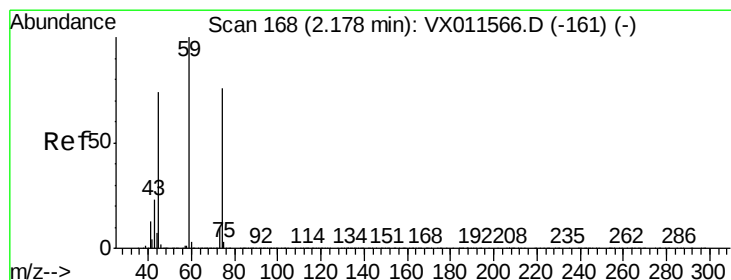
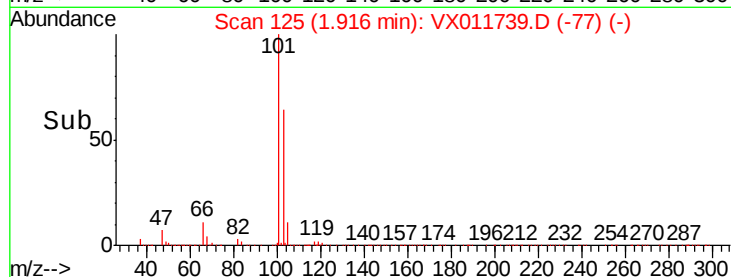
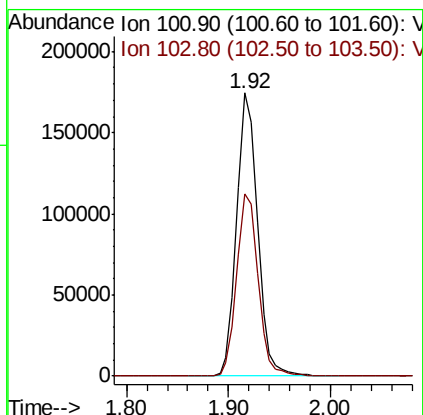
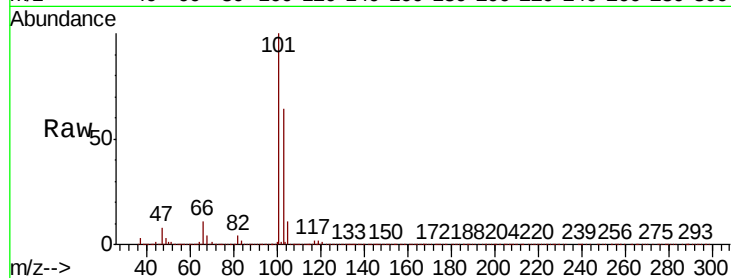


#7

Trichlorofluoromethane
Concen: 58.937 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011739.D
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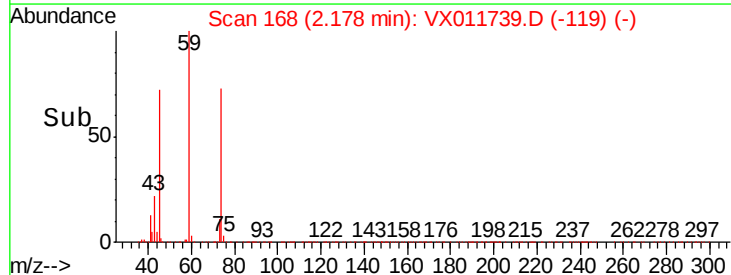
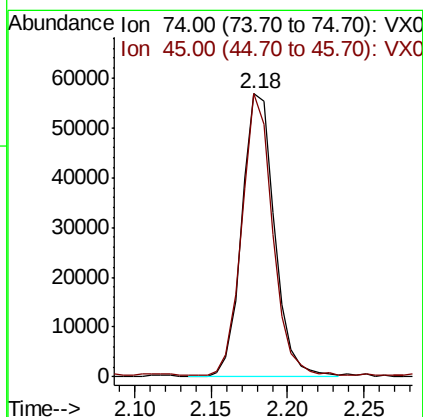
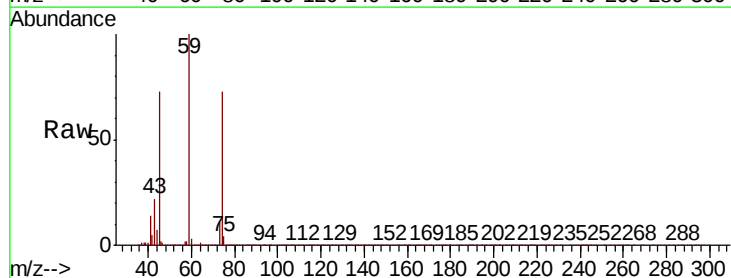
Tgt Ion:101 Resp: 246228
Ion Ratio Lower Upper
101 100
103 64.1 52.9 79.3

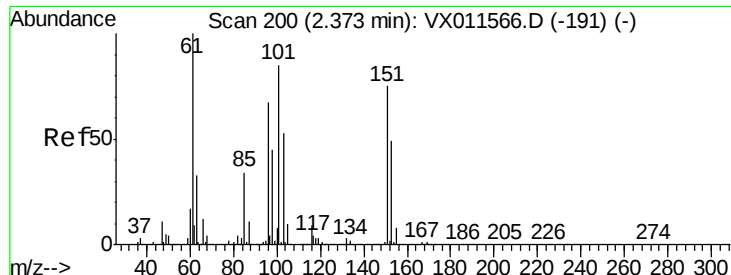


#8

Diethyl Ether
Concen: 58.165 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion: 74 Resp: 83359
Ion Ratio Lower Upper
74 100
45 93.8 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.887 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

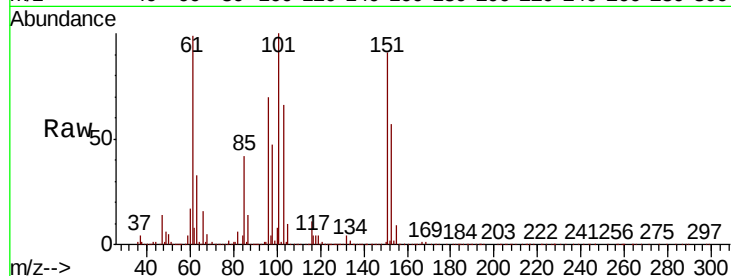
Tgt Ion:101 Resp: 155499

Ion Ratio Lower Upper

101 100

85 41.9 33.0 49.4

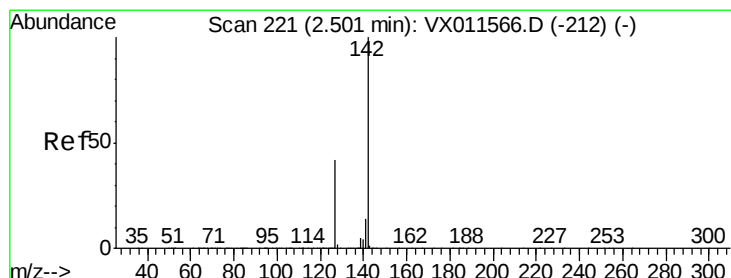
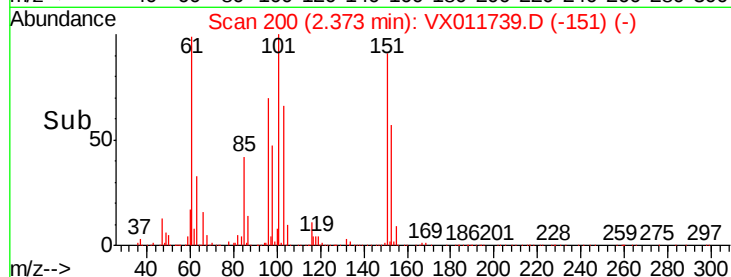
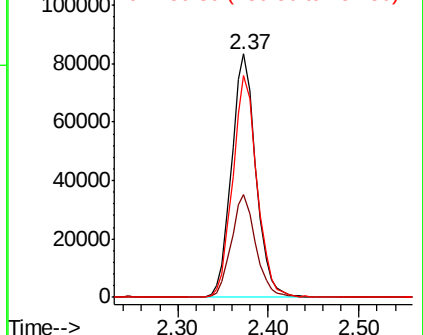
151 91.1 73.3 109.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.542 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

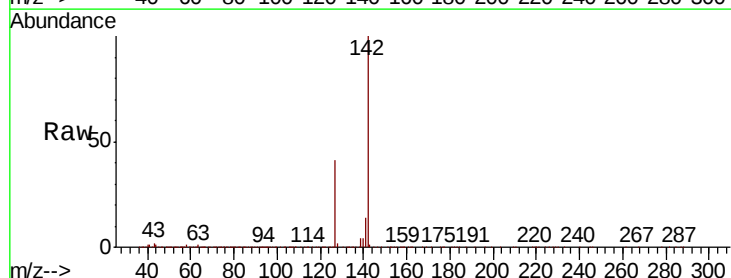
Tgt Ion:142 Resp: 178993

Ion Ratio Lower Upper

142 100

127 41.1 32.8 49.2

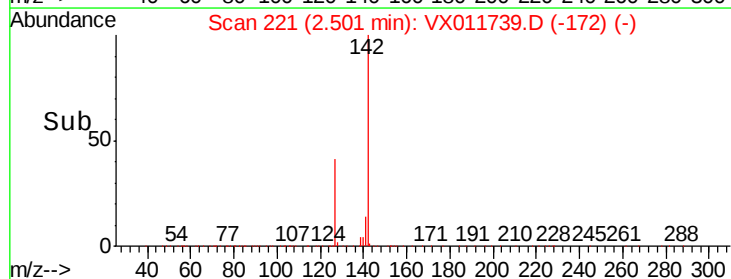
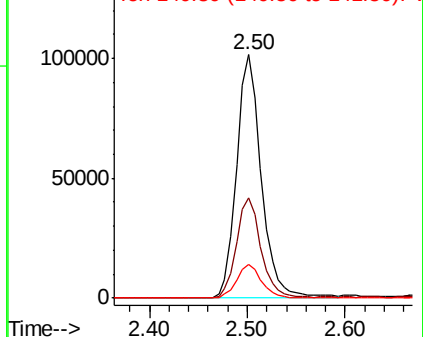
141 14.2 11.4 17.2

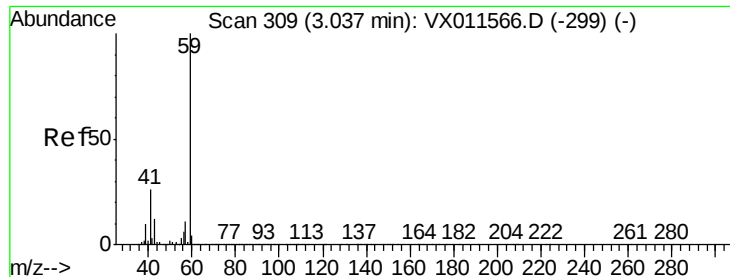


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



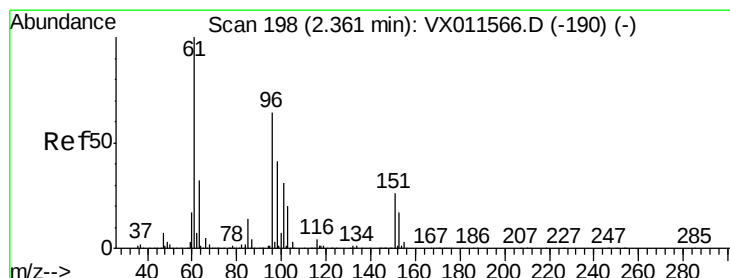
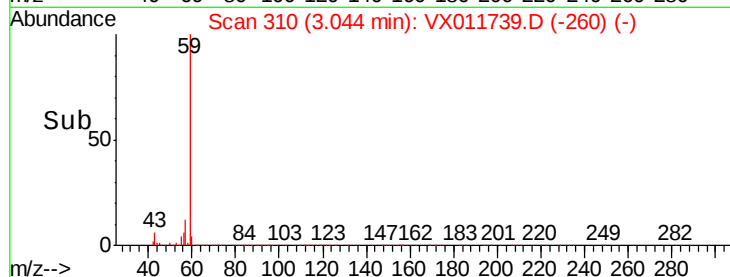
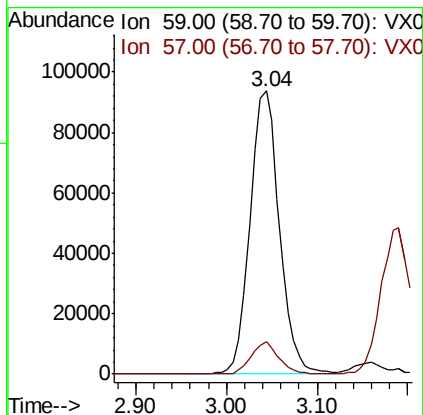
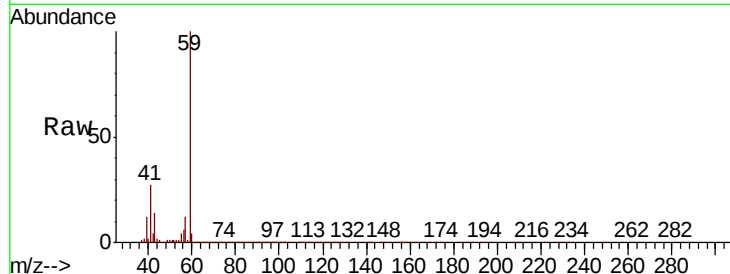


#11

Tert butyl alcohol
 Concen: 283.818 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

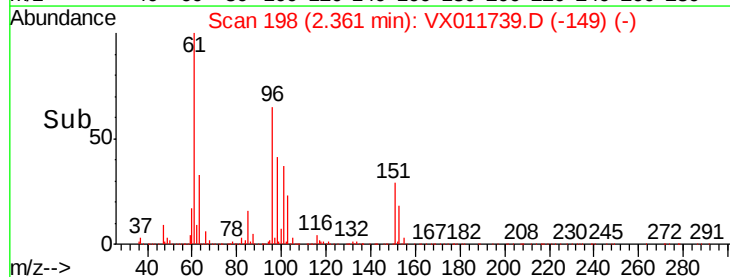
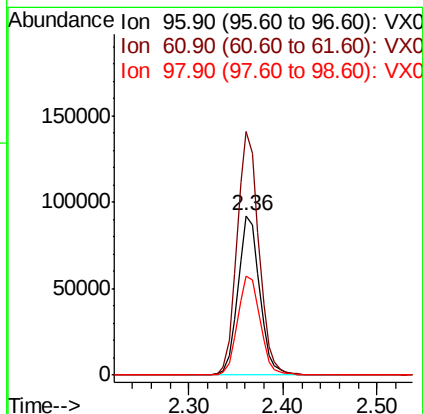
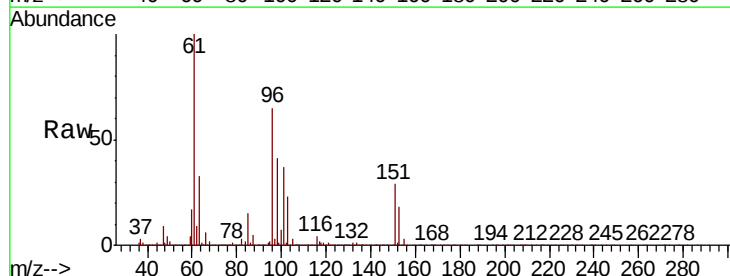
Tgt Ion: 59 Resp: 211189
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.7 13.1

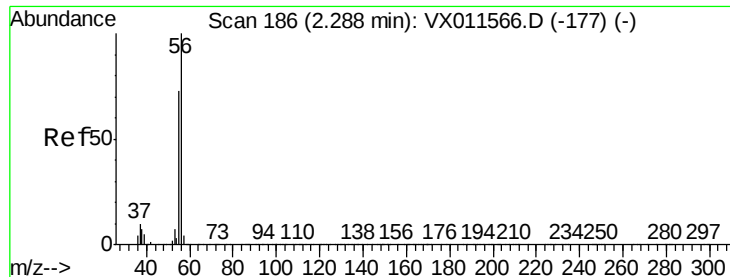


#12

1,1-Dichloroethene
 Concen: 52.997 ug/l
 RT: 2.36 min Scan# 198
 Delta R.T. 0.00 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

Tgt Ion: 96 Resp: 147795
 Ion Ratio Lower Upper
 96 100
 61 152.8 125.0 187.4
 98 62.3 51.5 77.3





#13

Acrolein

Concen: 295.813 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

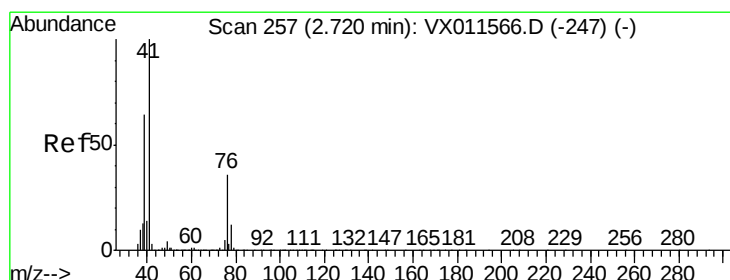
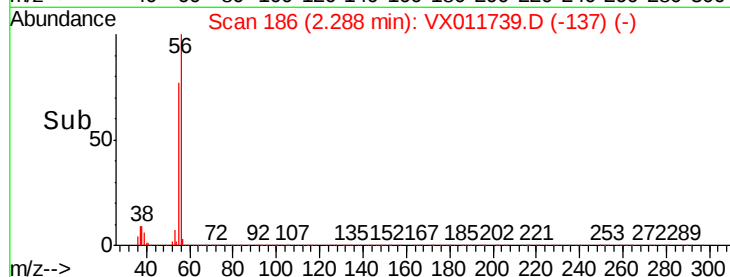
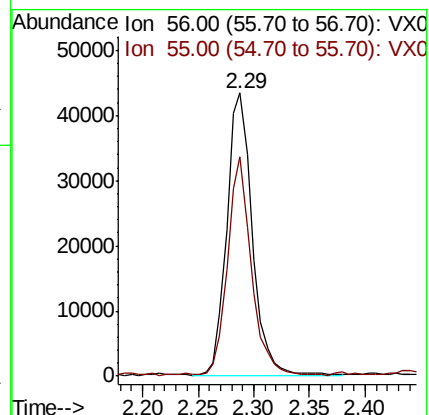
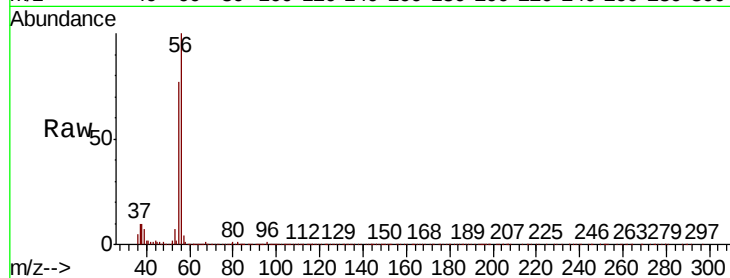
VSTDCCC050

Tgt Ion: 56 Resp: 68266

Ion Ratio Lower Upper

56 100

55 73.6 55.5 83.3



#14

Allyl chloride

Concen: 53.956 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

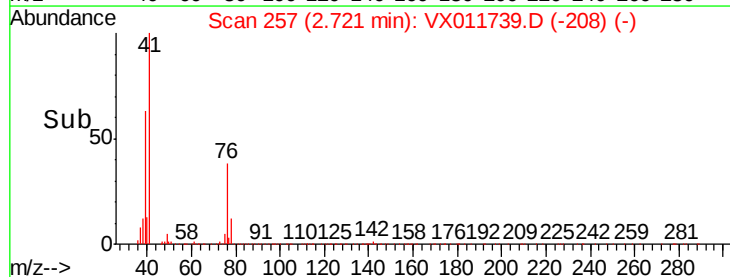
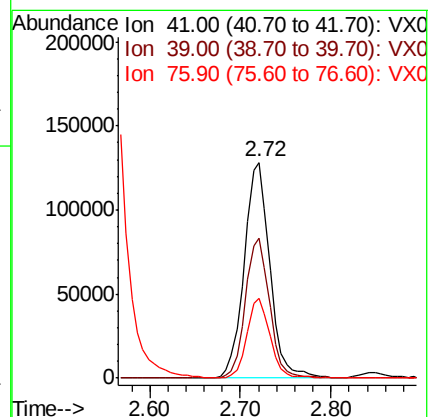
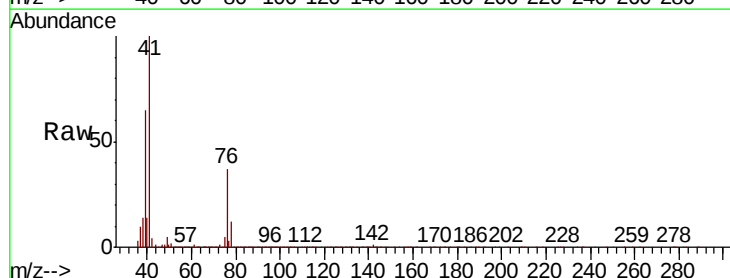
Tgt Ion: 41 Resp: 250305

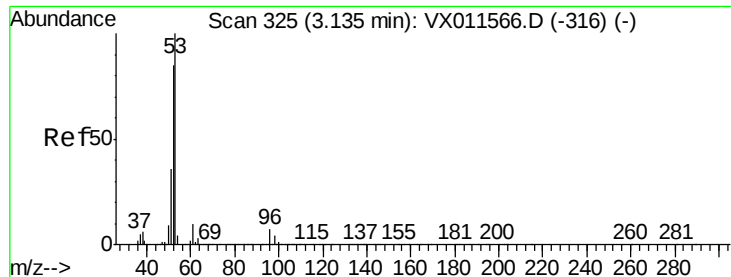
Ion Ratio Lower Upper

41 100

39 61.6 47.5 71.3

76 32.7 26.3 39.5





#15

Acrylonitrile

Concen: 284.698 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

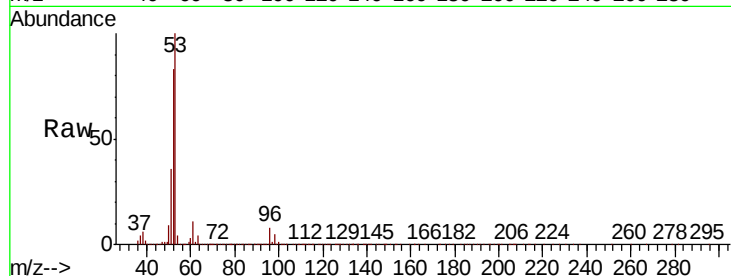
Tgt Ion: 53 Resp: 484848

Ion Ratio Lower Upper

53 100

52 82.5 66.7 100.1

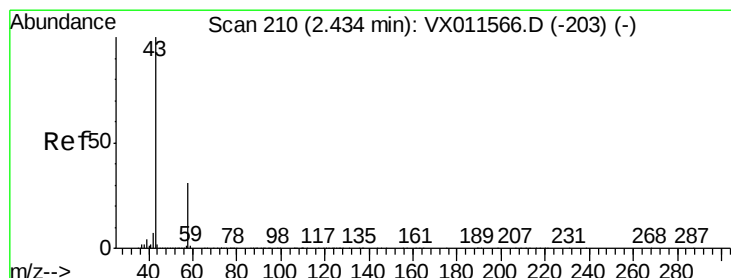
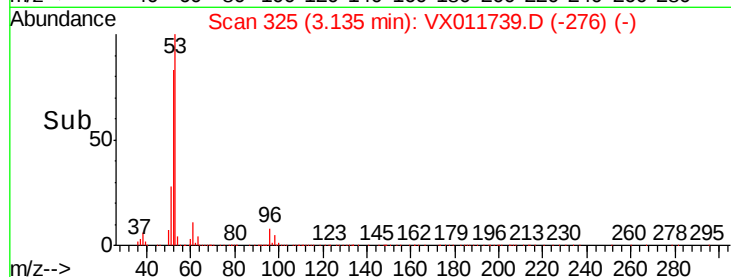
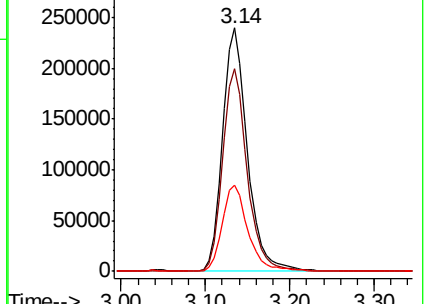
51 36.4 28.7 43.1



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: 272.856 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011739.D

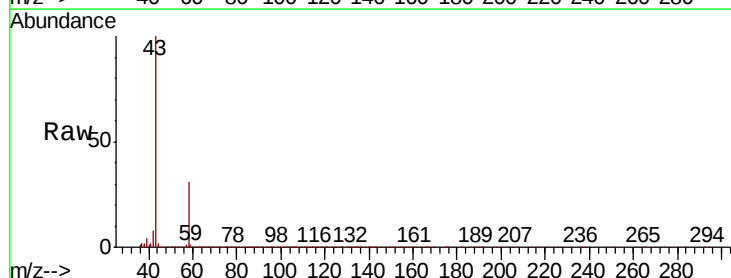
Acq: 21 Aug 2019 18:38

Tgt Ion: 43 Resp: 416130

Ion Ratio Lower Upper

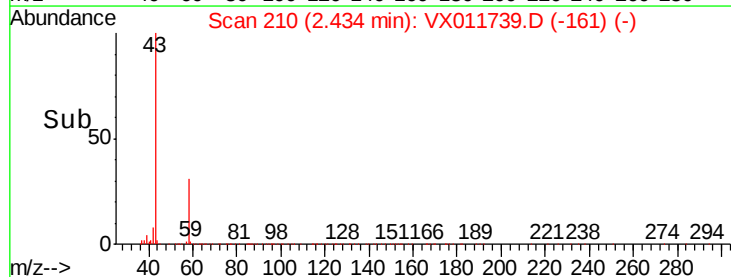
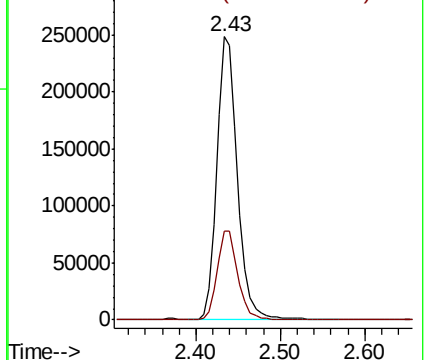
43 100

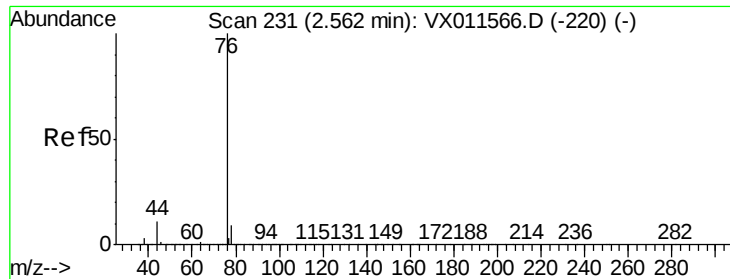
58 31.3 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

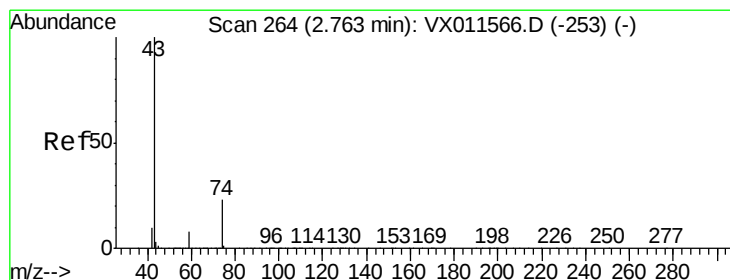
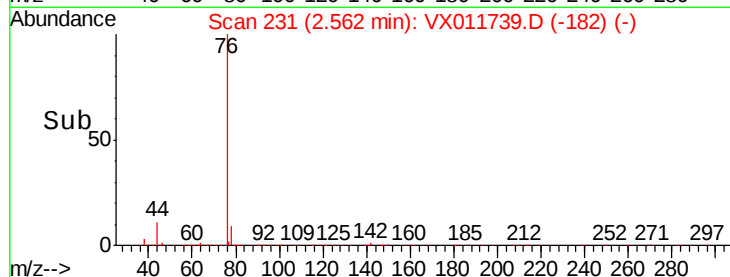
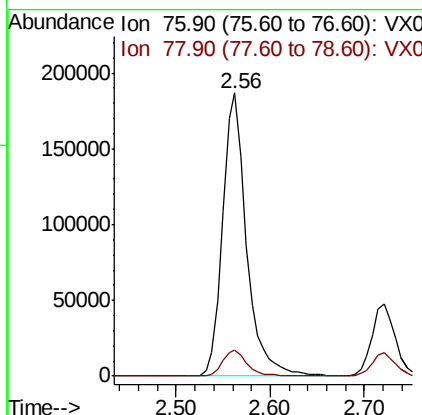
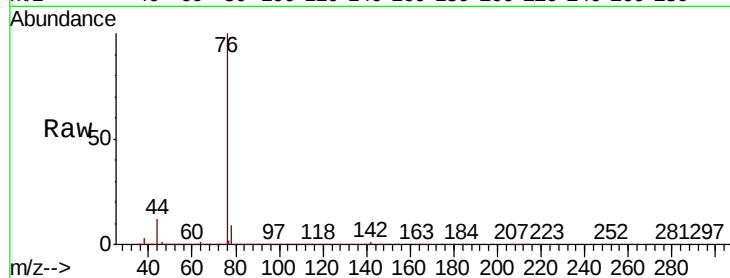




#17
Carbon Disulfide
Concen: 50.004 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

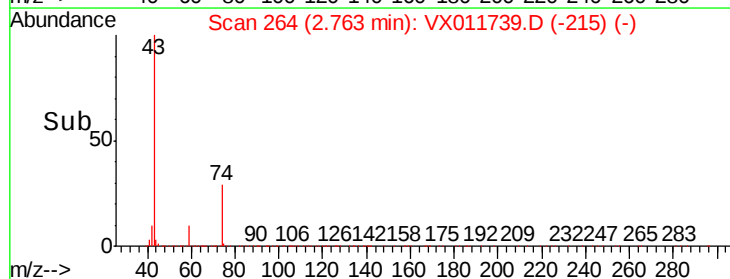
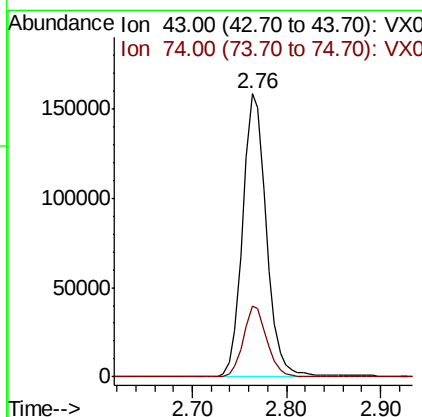
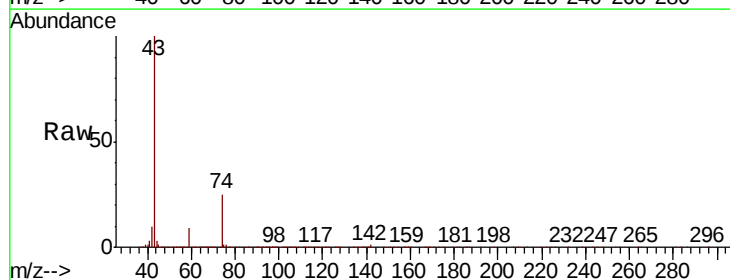
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

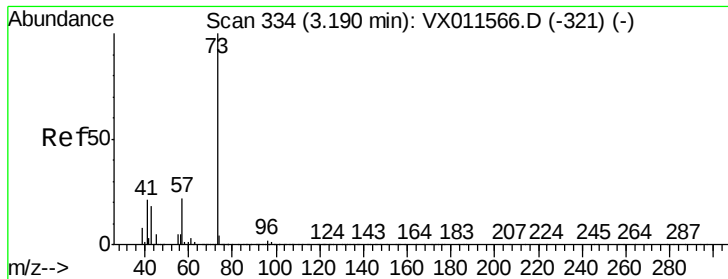
Tgt Ion: 76 Resp: 328590
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 58.740 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion: 43 Resp: 277832
Ion Ratio Lower Upper
43 100
74 24.2 19.7 29.5



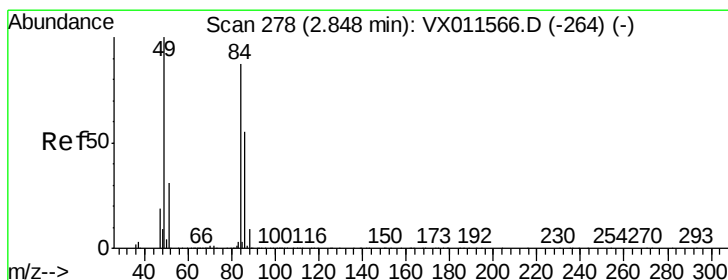
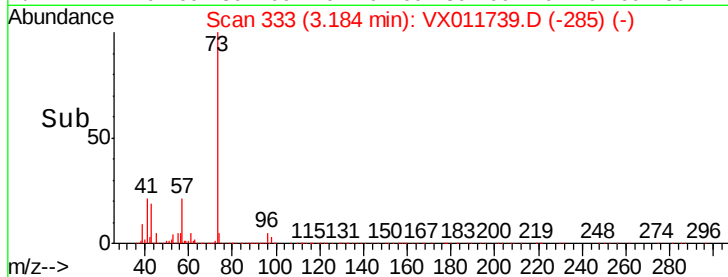
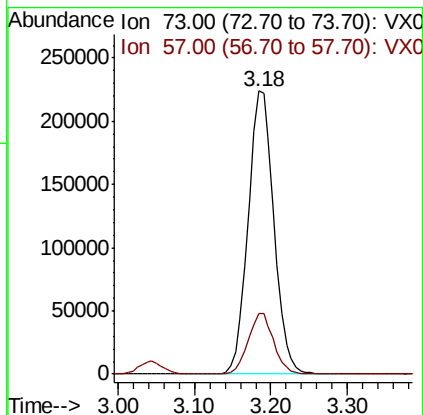
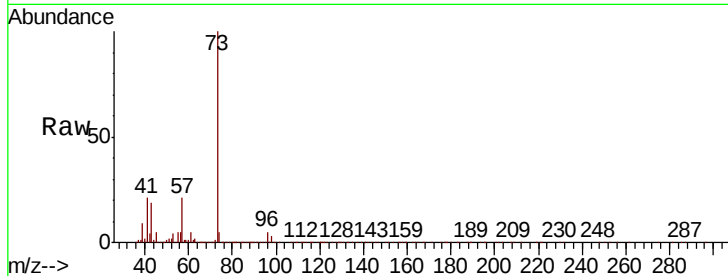


#19

Methyl tert-butyl Ether
 Concen: 57.861 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. -0.01 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

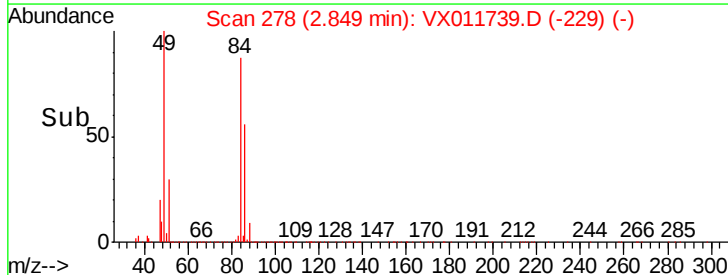
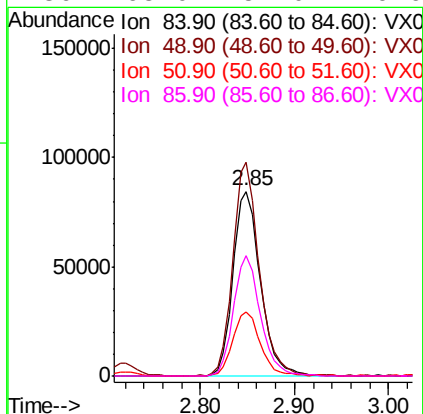
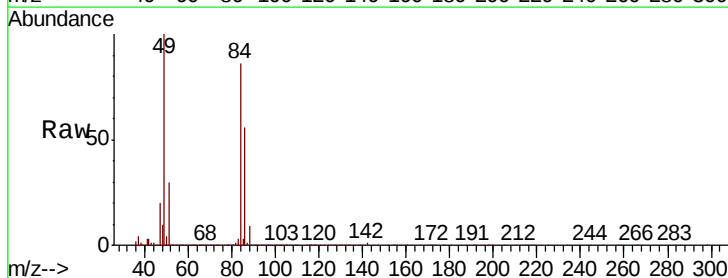
Tgt Ion: 73 Resp: 525524
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.2 25.8

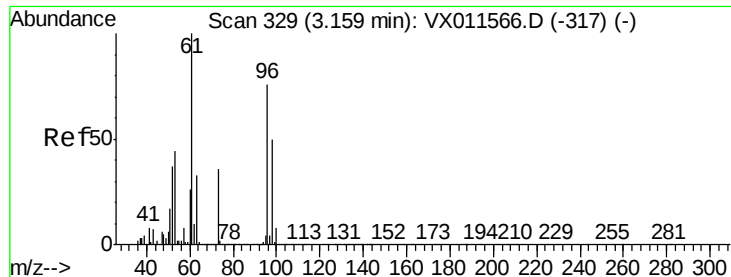


#20

Methylene Chloride
 Concen: 53.476 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

Tgt Ion: 84 Resp: 171236
 Ion Ratio Lower Upper
 84 100
 49 115.4 92.4 138.6
 51 34.6 28.5 42.7
 86 65.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 54.653 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

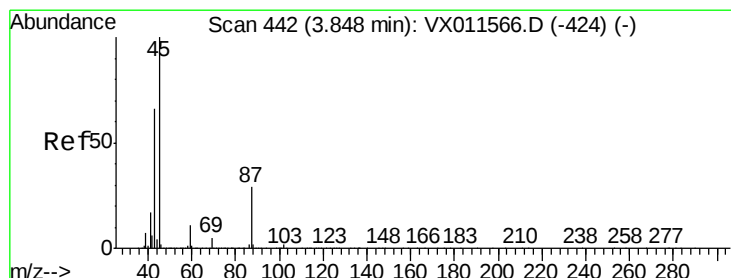
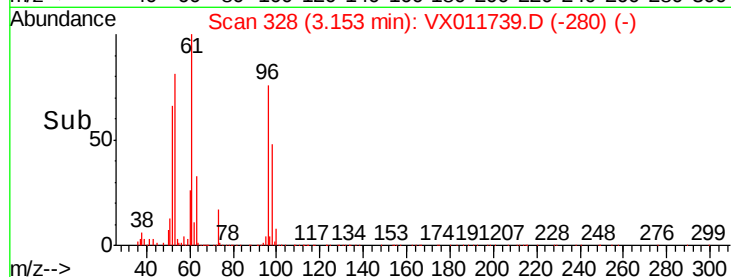
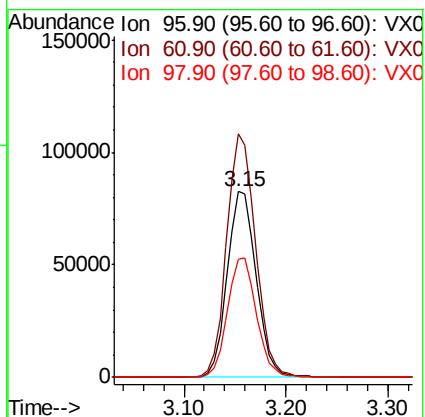
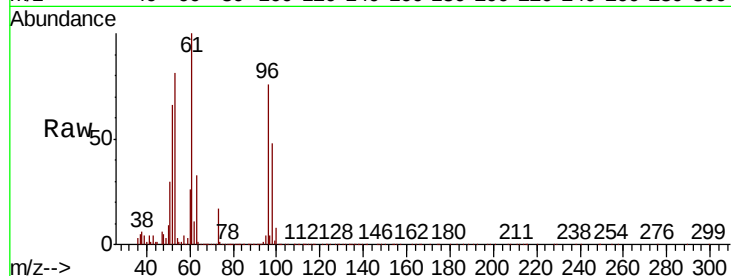
Tgt Ion: 96 Resp: 161511

Ion Ratio Lower Upper

96 100

61 131.1 105.5 158.3

98 63.4 52.6 78.8



#22

Diisopropyl ether

Concen: 53.358 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Tgt Ion: 45 Resp: 492957

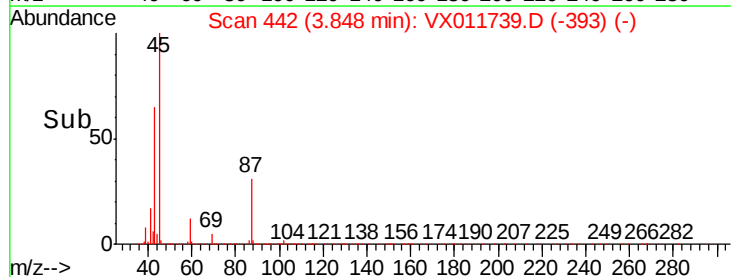
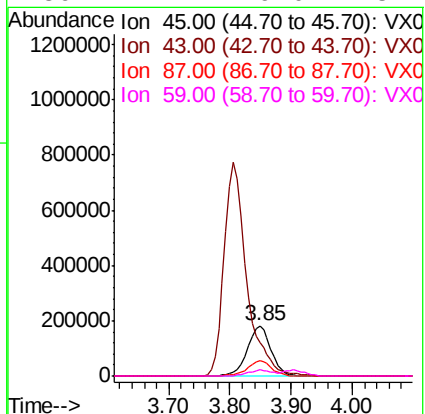
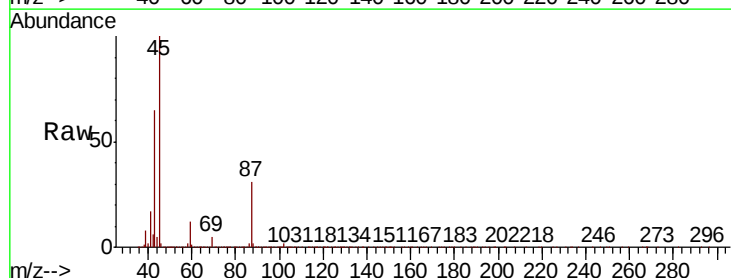
Ion Ratio Lower Upper

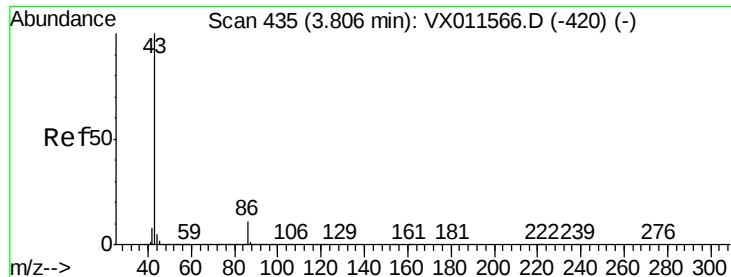
45 100

43 65.0 52.7 79.1

87 30.8 23.5 35.3

59 12.4 9.0 13.4





#23

Vinyl Acetate

Concen: 269.857 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

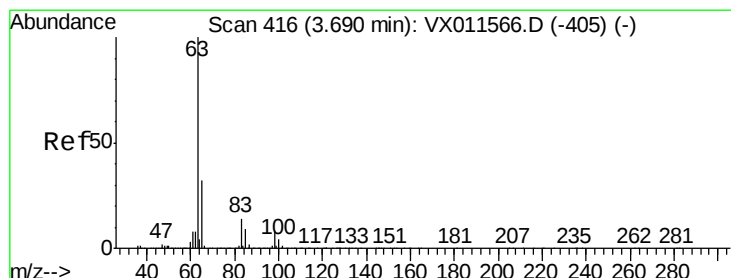
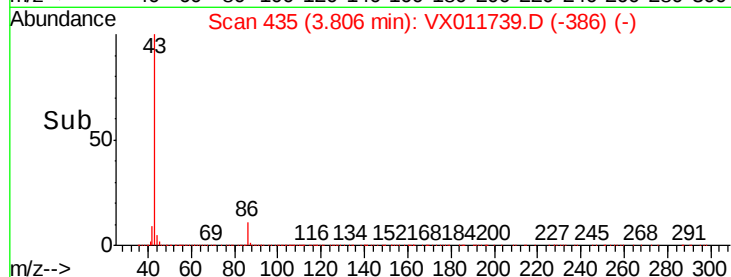
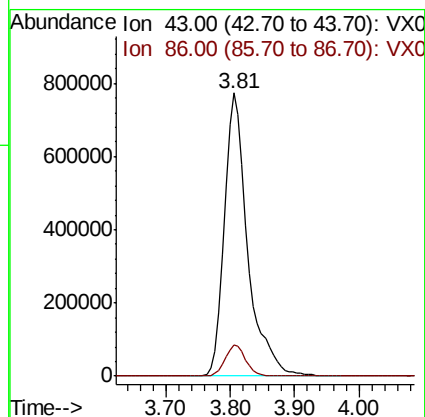
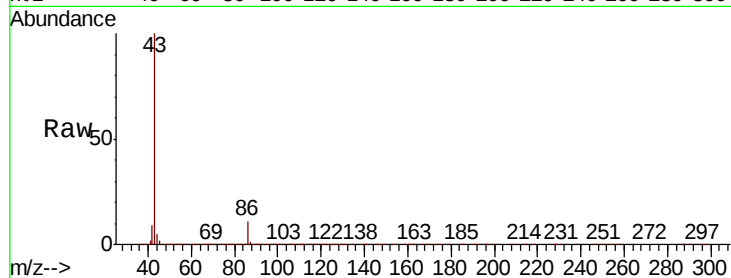
VSTDCCC050

Tgt Ion: 43 Resp: 1974217

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



#24

1,1-Dichloroethane

Concen: 52.874 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

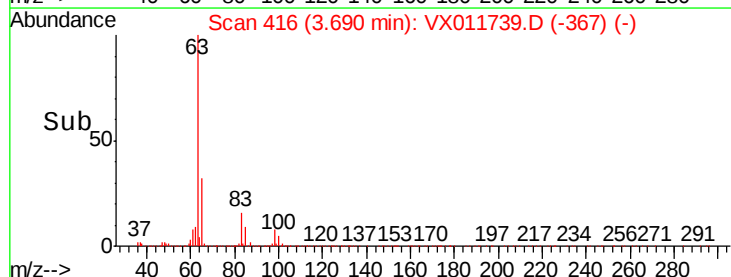
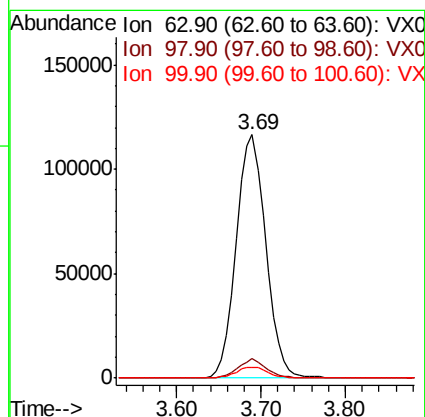
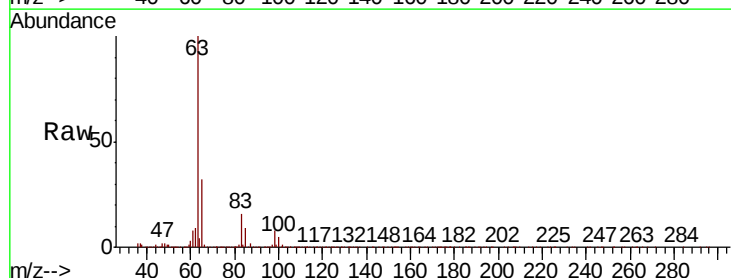
Tgt Ion: 63 Resp: 276180

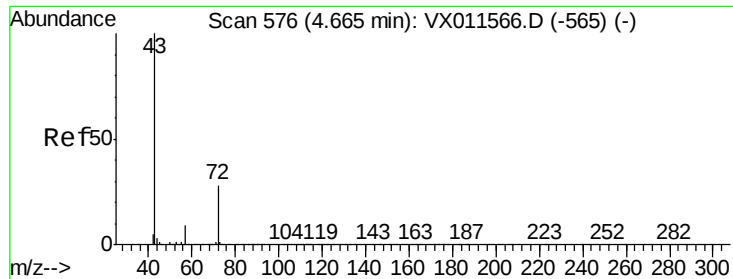
Ion Ratio Lower Upper

63 100

98 7.9 3.7 11.1

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 272.795 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

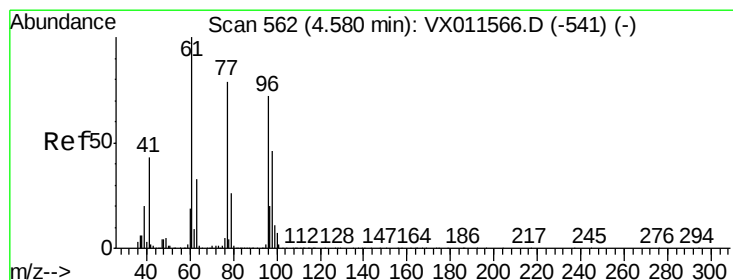
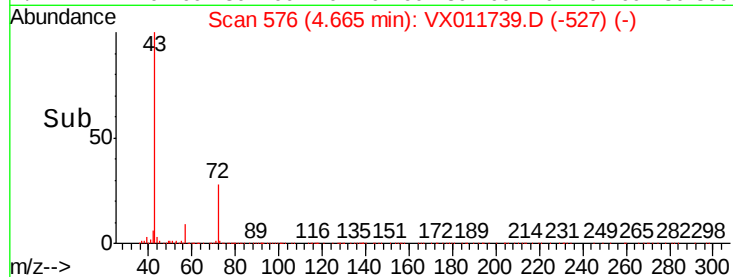
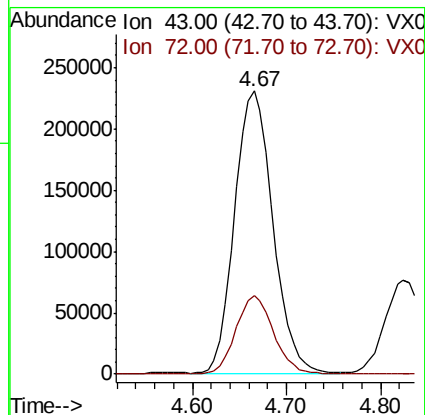
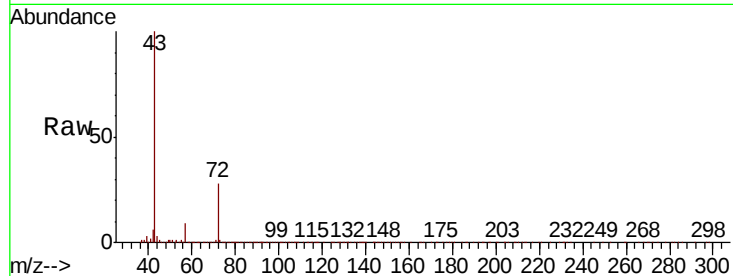
VSTDCCC050

Tgt Ion: 43 Resp: 653141

Ion Ratio Lower Upper

43 100

72 27.6 22.2 33.4



#26

2,2-Dichloropropane

Concen: 56.792 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011739.D

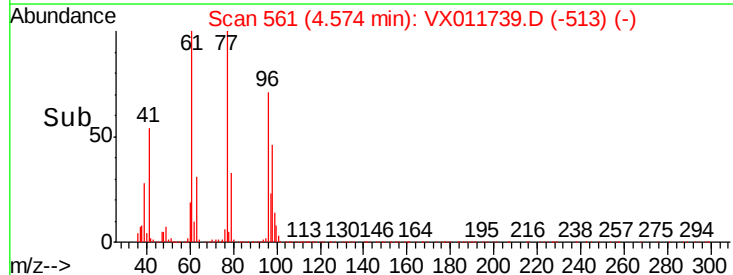
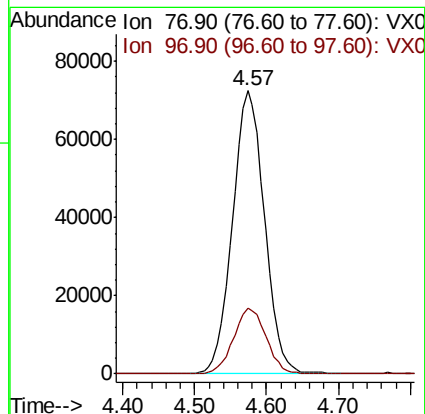
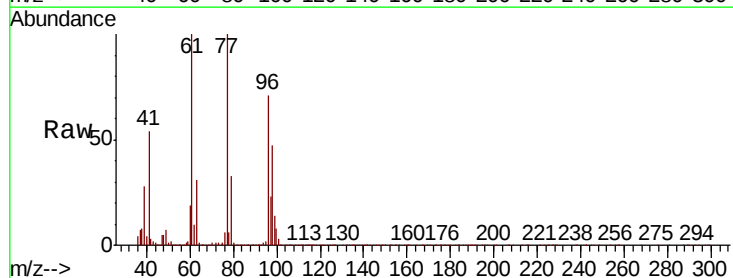
Acq: 21 Aug 2019 18:38

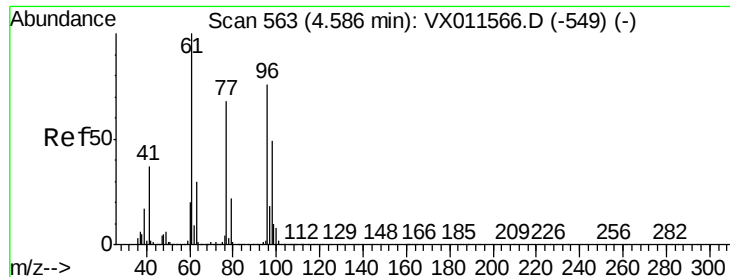
Tgt Ion: 77 Resp: 223268

Ion Ratio Lower Upper

77 100

97 23.4 12.4 37.2



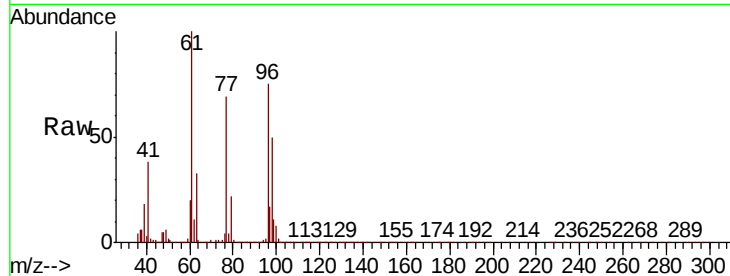


#27

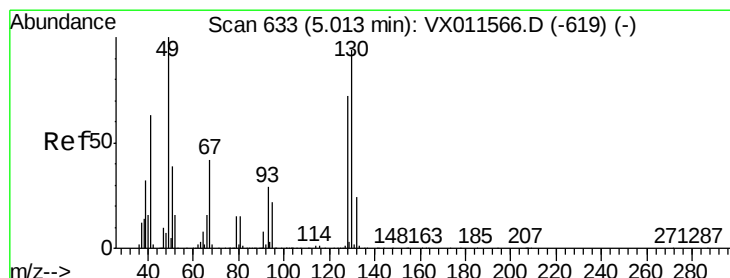
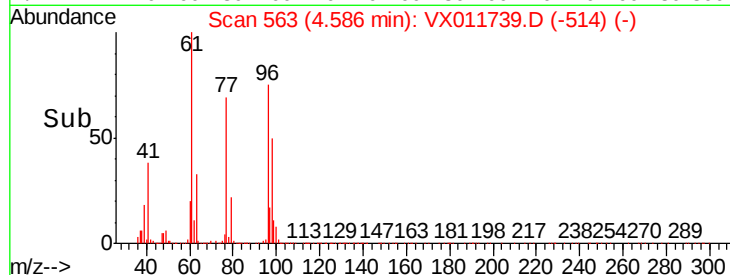
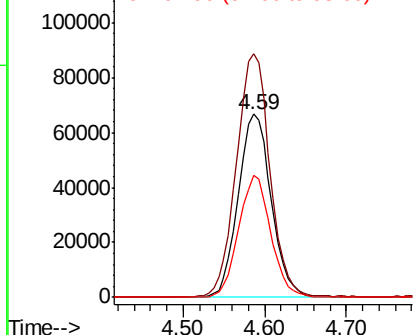
cis-1,2-Dichloroethene
Concen: 54.217 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 186782
Ion Ratio Lower Upper
96 100
61 136.3 0.0 272.6
98 65.3 0.0 129.4



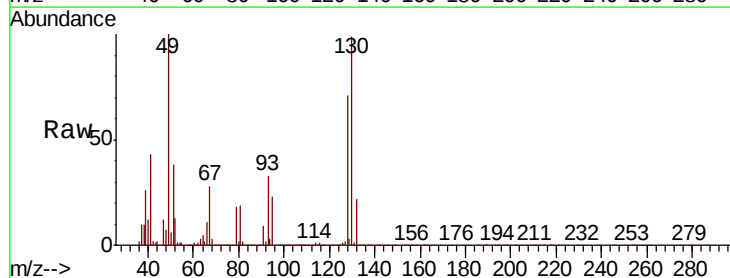
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



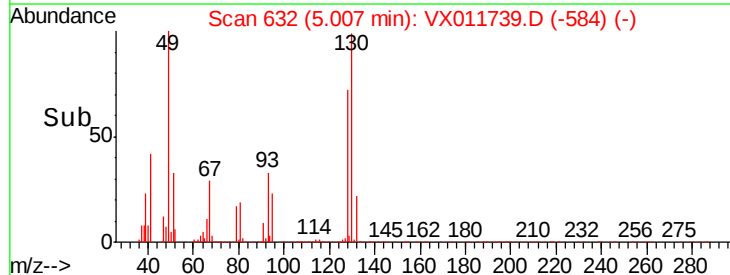
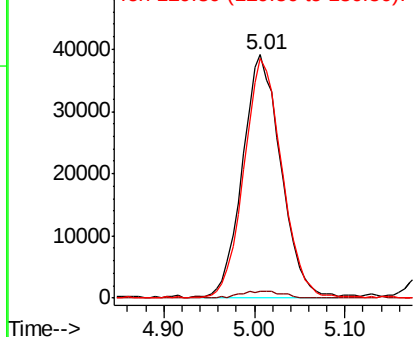
#28

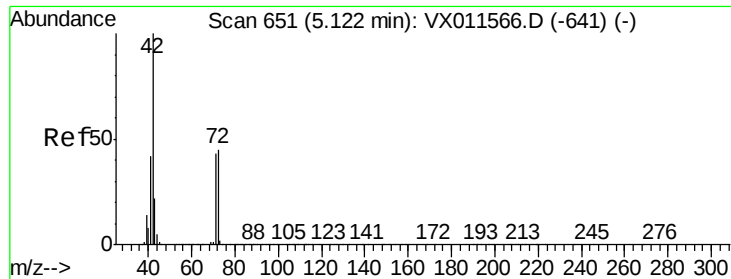
Bromochloromethane
Concen: 49.843 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion: 49 Resp: 114289
Ion Ratio Lower Upper
49 100
129 3.2 0.0 5.0
130 97.9 76.6 115.0



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

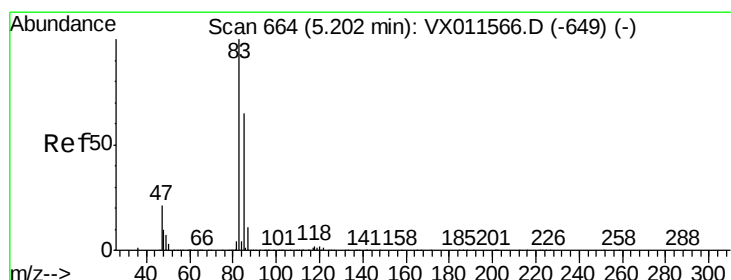
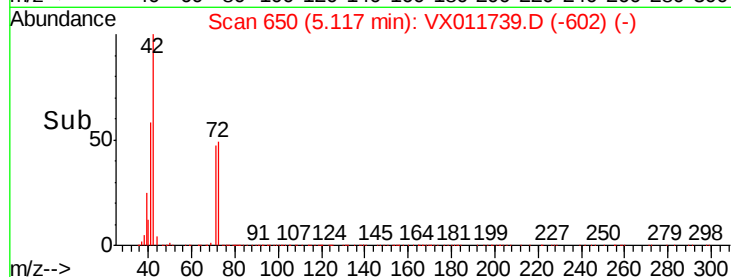
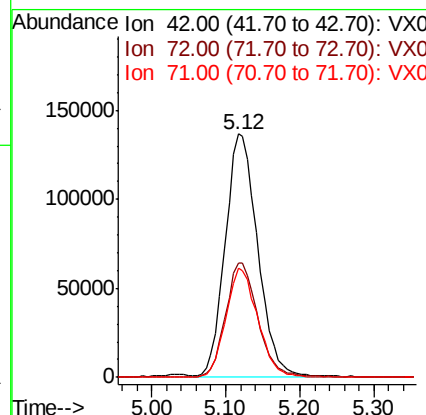
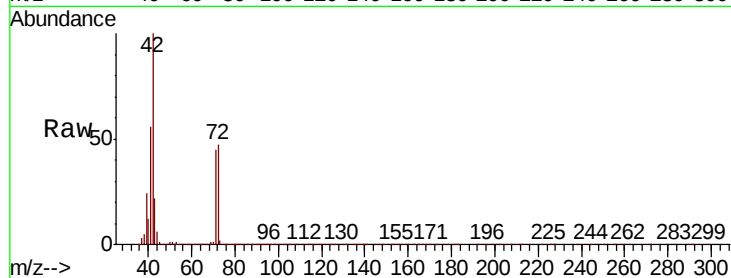




#29
Tetrahydrofuran
Concen: 264.089 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

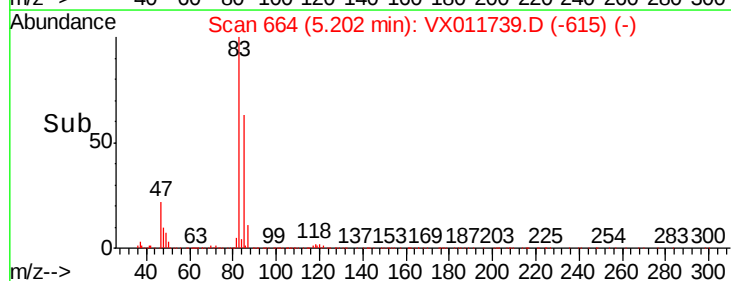
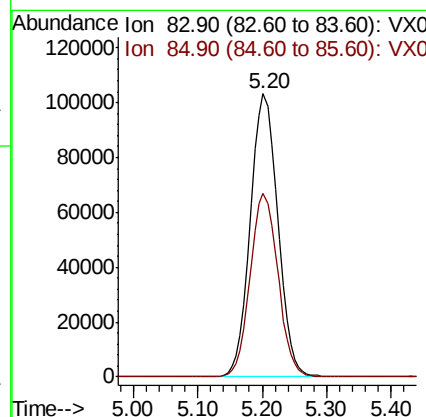
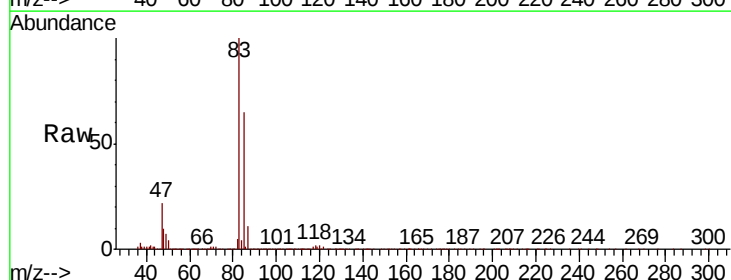
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

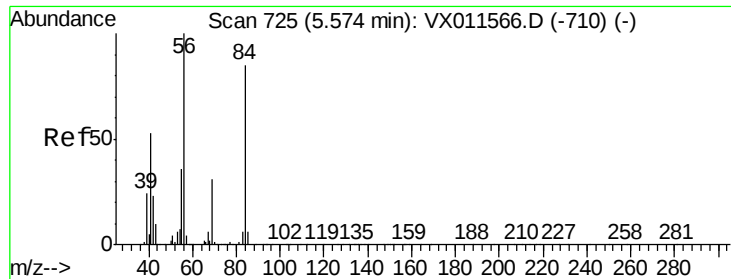
Tgt Ion: 42 Resp: 414769
Ion Ratio Lower Upper
42 100
72 46.8 36.1 54.1
71 44.0 33.8 50.8



#30
Chloroform
Concen: 54.973 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion: 83 Resp: 303038
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9

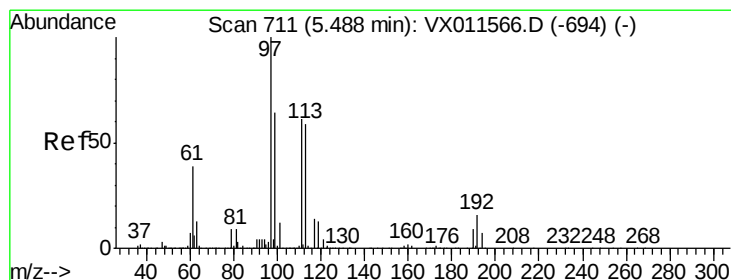
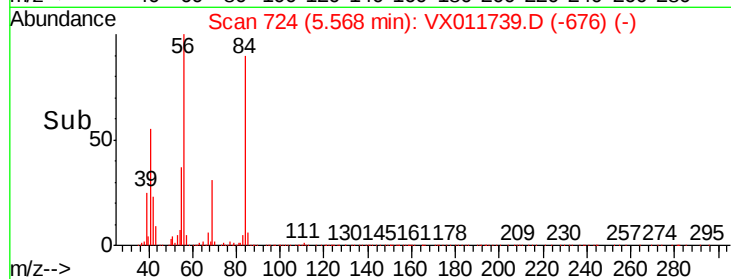
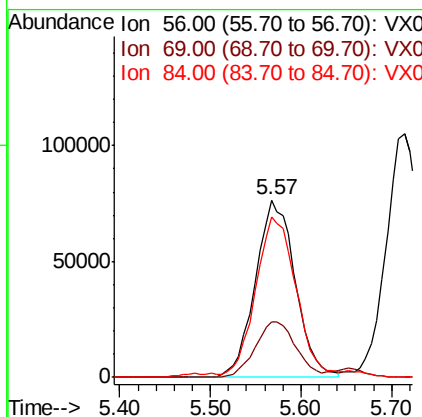
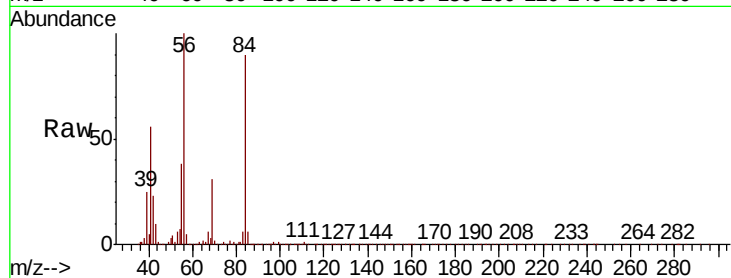




#31
Cyclohexane
Concen: 51.453 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

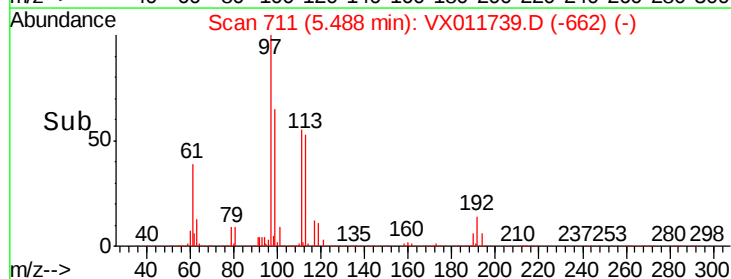
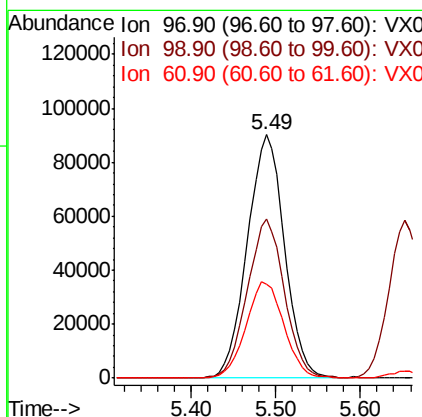
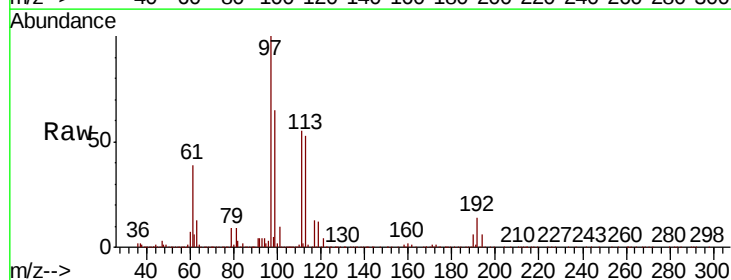
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

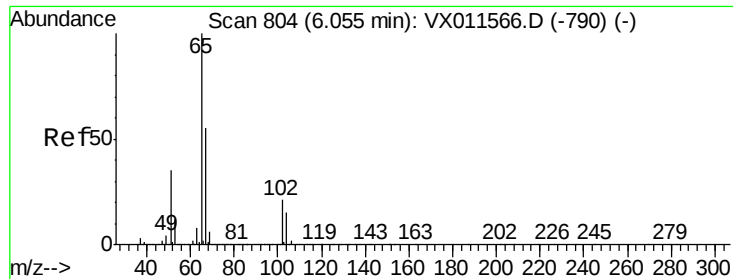
Tgt Ion: 56 Resp: 231399
Ion Ratio Lower Upper
56 100
69 31.1 24.8 37.2
84 88.6 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 57.280 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion: 97 Resp: 271504
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.0
61 40.2 31.4 47.2

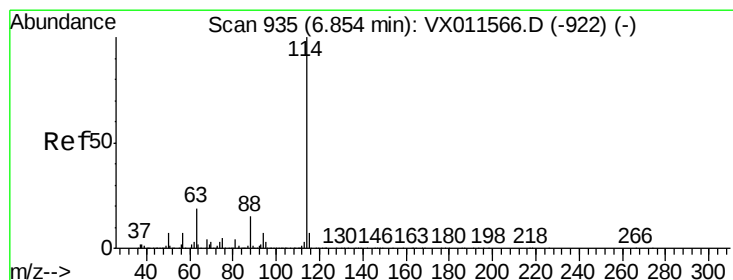
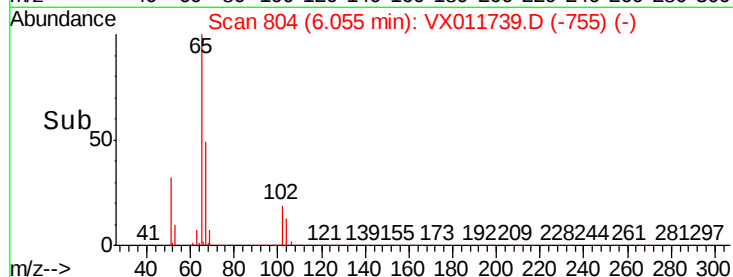
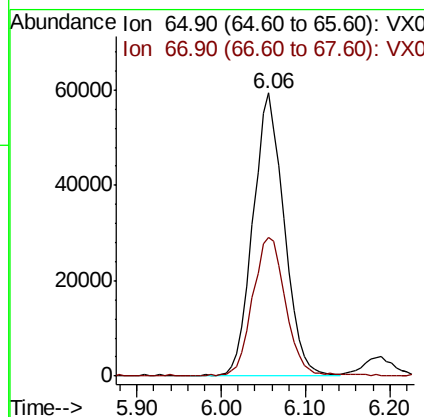
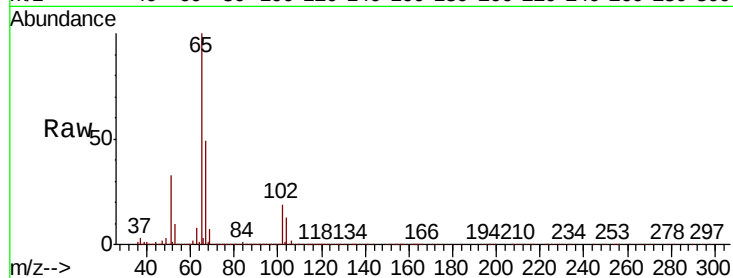




#33
 1,2-Dichloroethane-d4
 Concen: 49.401 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

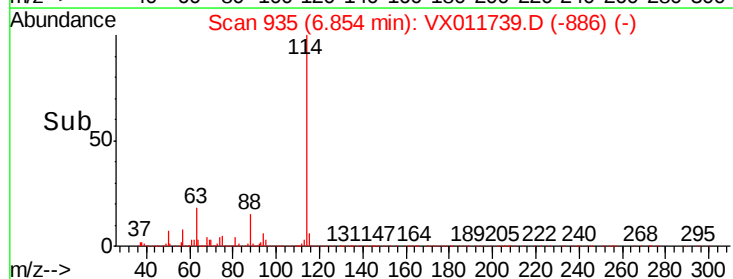
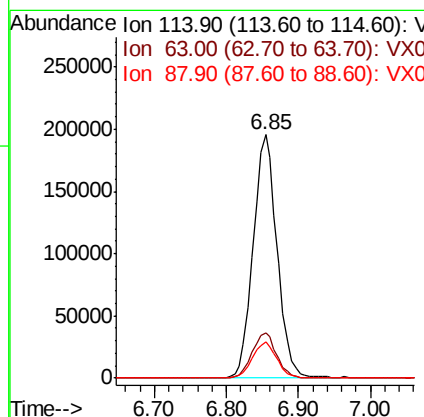
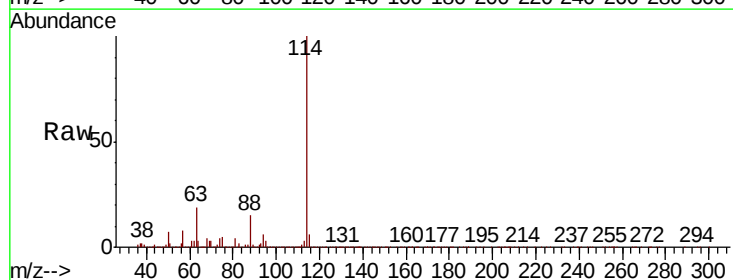
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

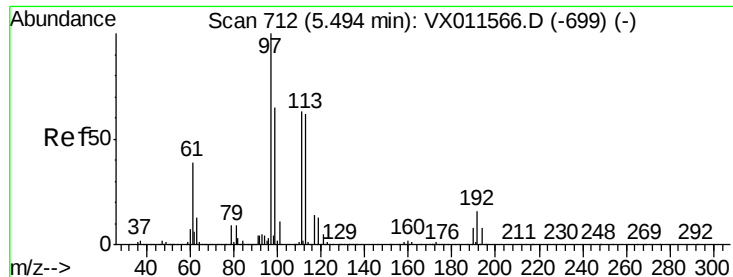
Tgt Ion: 65 Resp: 149835
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

Tgt Ion: 114 Resp: 449768
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 37.8
 88 14.9 0.0 30.2

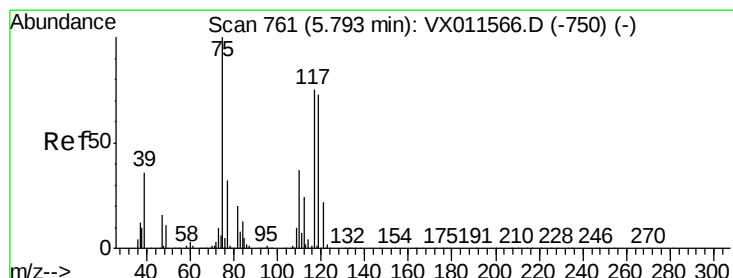
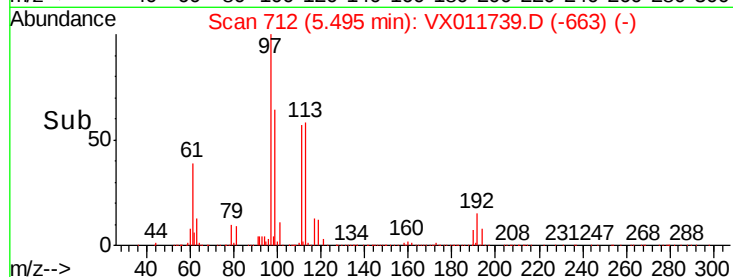
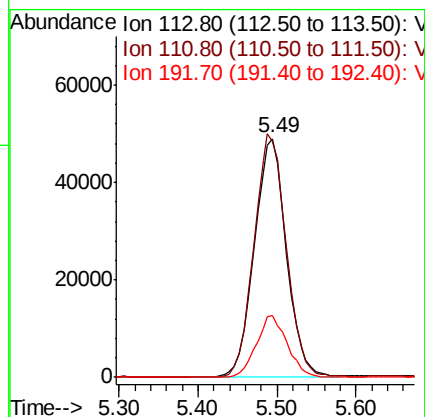
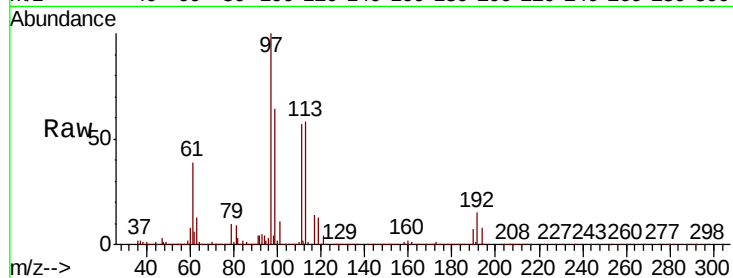




#35
Dibromofluoromethane
Concen: 47.042 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

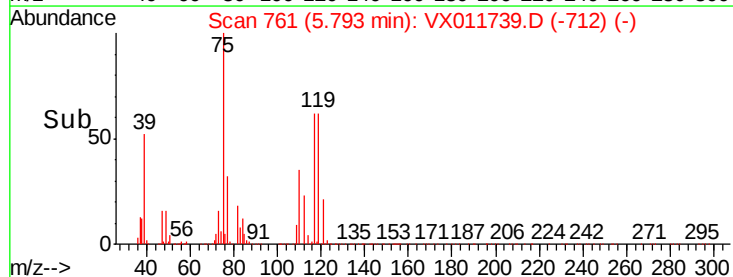
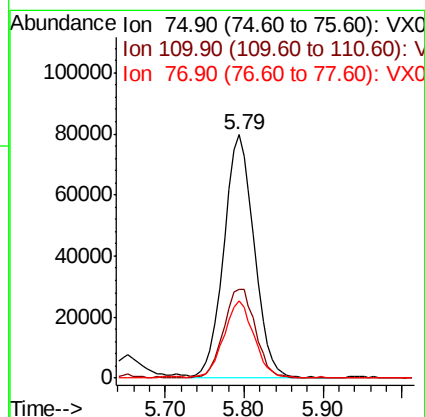
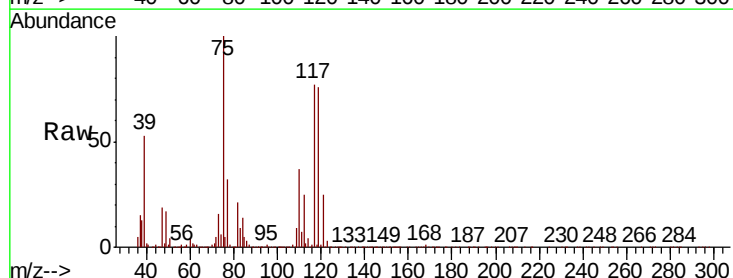
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

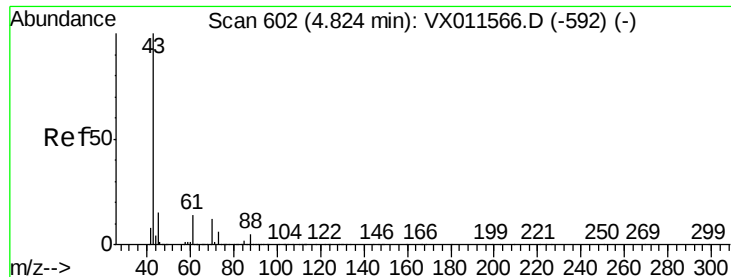
Tgt Ion: 113 Resp: 138388
Ion Ratio Lower Upper
113 100
111 101.9 81.1 121.7
192 25.3 20.8 31.2



#36
1,1-Dichloropropene
Concen: 55.174 ug/l
RT: 5.79 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion: 75 Resp: 212170
Ion Ratio Lower Upper
75 100
110 38.2 19.4 58.1
77 31.5 25.1 37.7

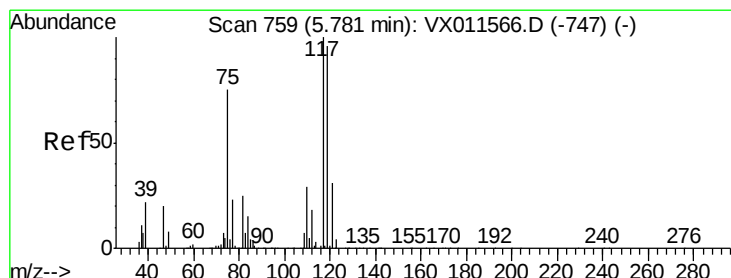
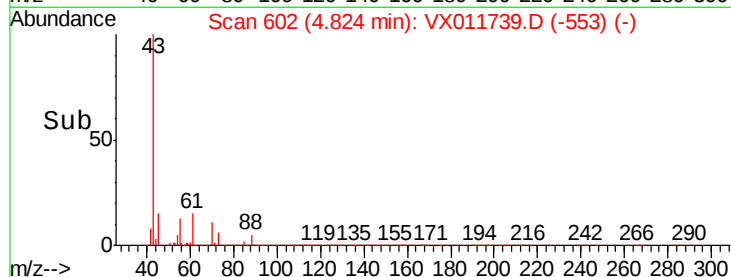
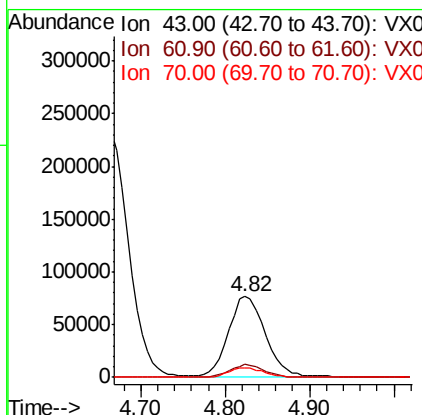
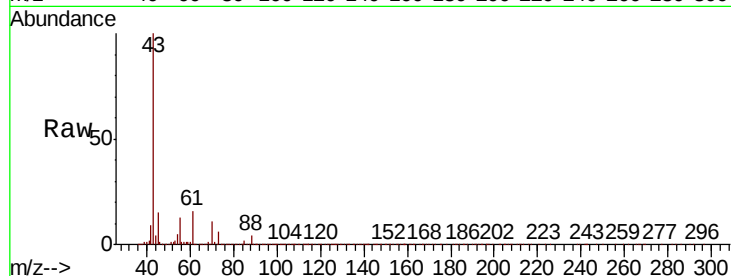




#37
Ethyl Acetate
Concen: 51.112 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

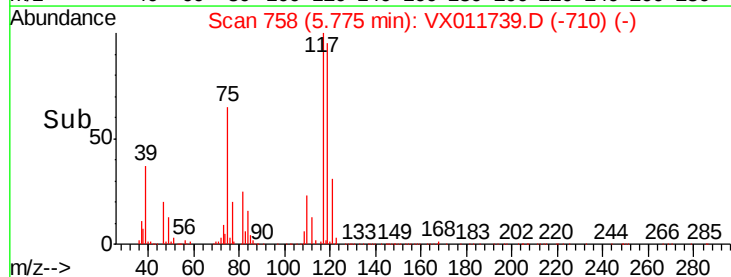
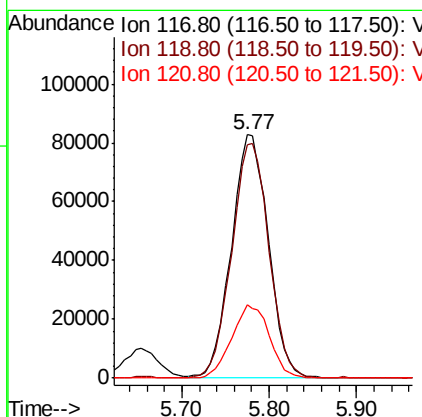
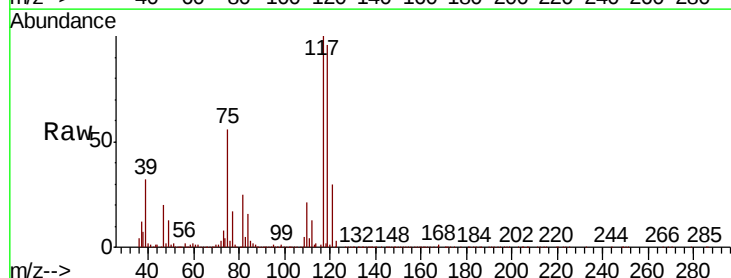
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

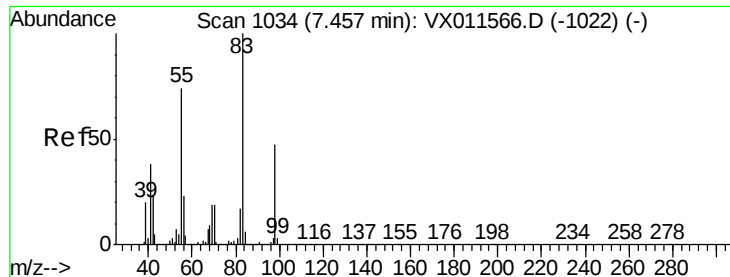
Tgt Ion: 43 Resp: 226067
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.0
70 11.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 57.182 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion: 117 Resp: 242263
Ion Ratio Lower Upper
117 100
119 95.5 76.9 115.3
121 30.3 24.8 37.2

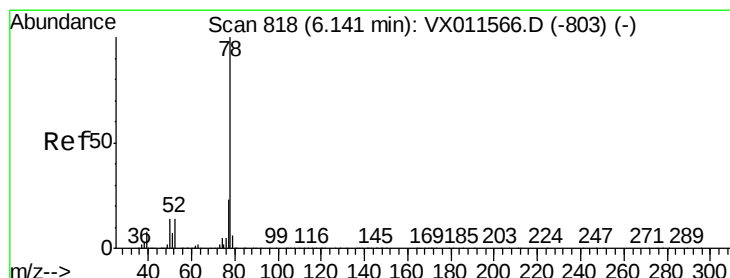
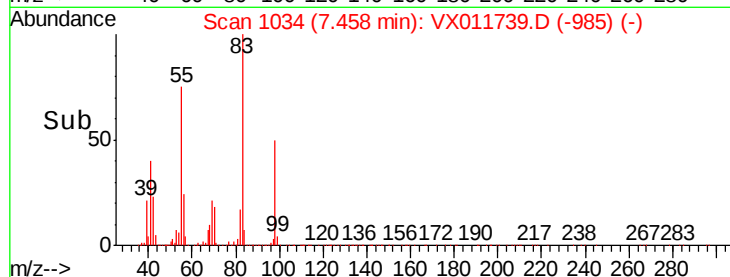
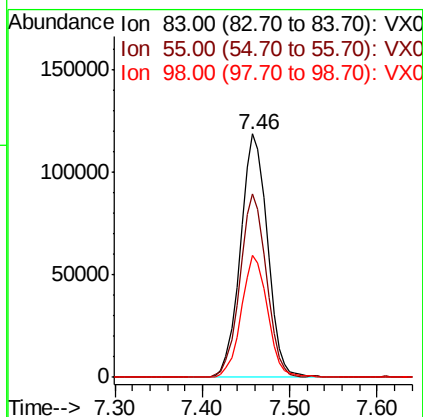
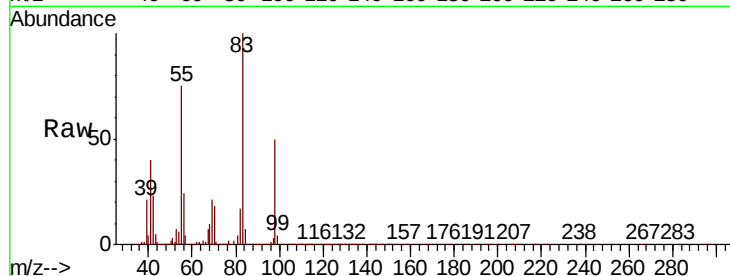




#39
Methylcyclohexane
Concen: 53.723 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

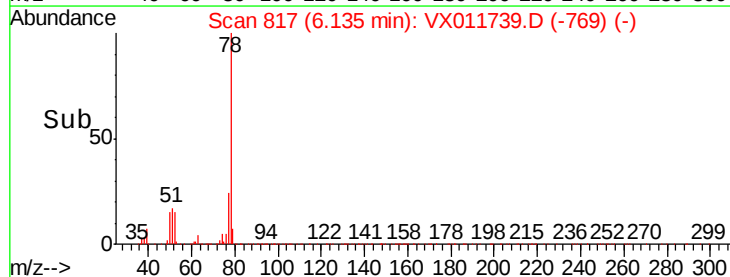
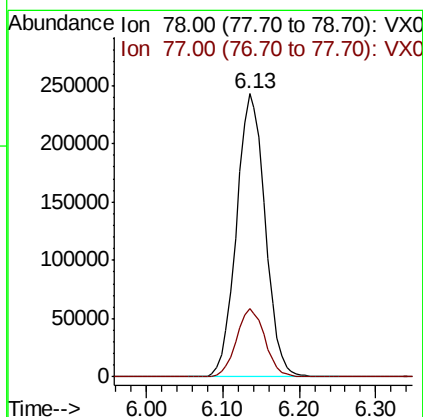
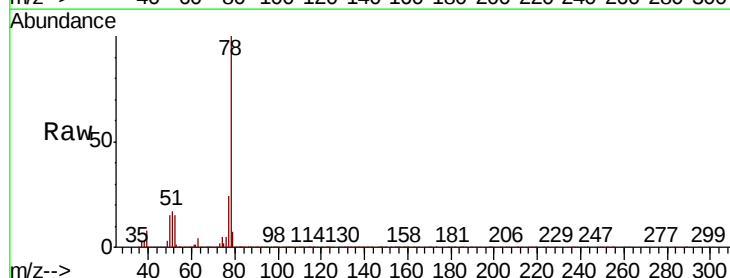
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

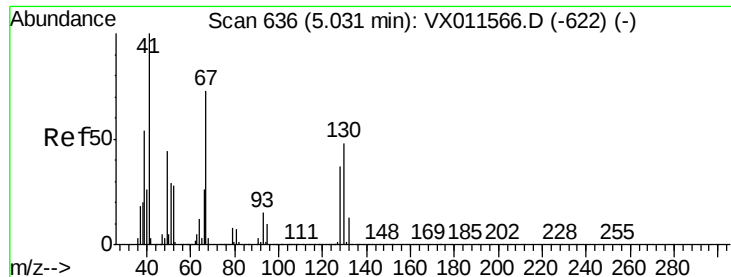
Tgt Ion: 83 Resp: 255123
Ion Ratio Lower Upper
83 100
55 74.9 58.8 88.2
98 49.9 37.8 56.6



#40
Benzene
Concen: 52.714 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion: 78 Resp: 629936
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0





#41

Methacrylonitrile

Concen: 54.138 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 131788

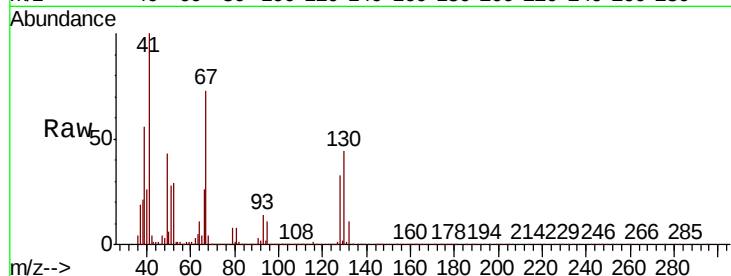
Ion Ratio Lower Upper

41 100

39 57.2 43.5 65.3

67 74.6 59.4 89.2

52 30.5 23.4 35.2

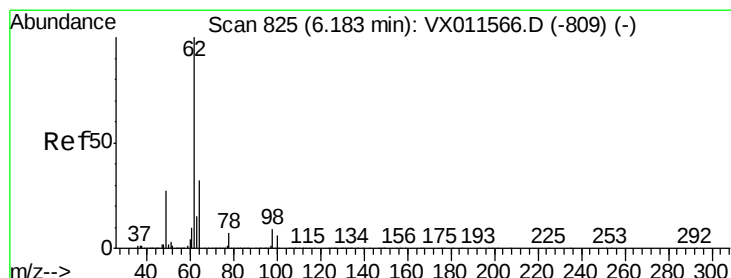
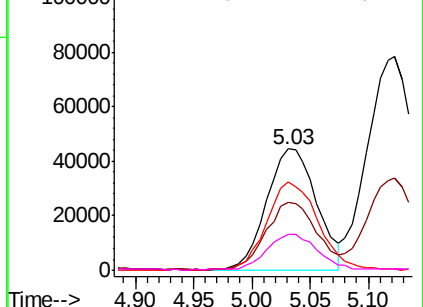
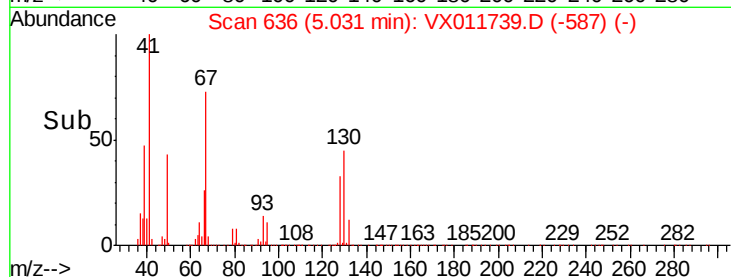


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 59.571 ug/l

RT: 6.18 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX011739.D

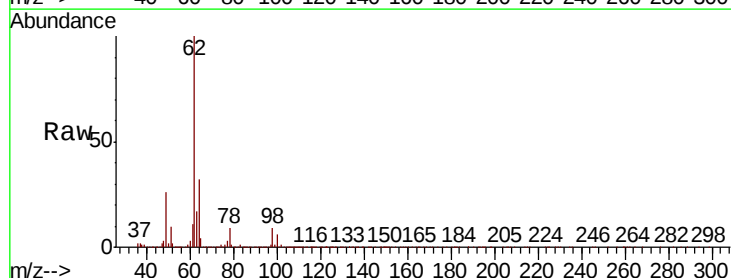
Acq: 21 Aug 2019 18:38

Tgt Ion: 62 Resp: 246641

Ion Ratio Lower Upper

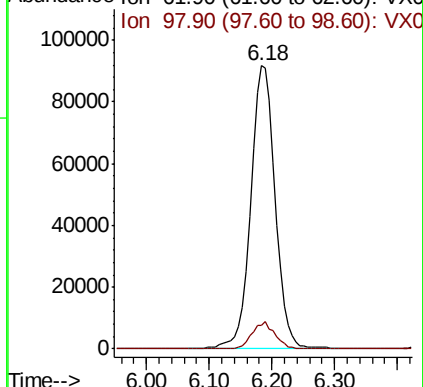
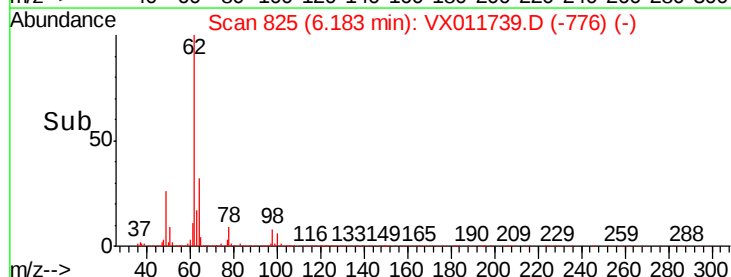
62 100

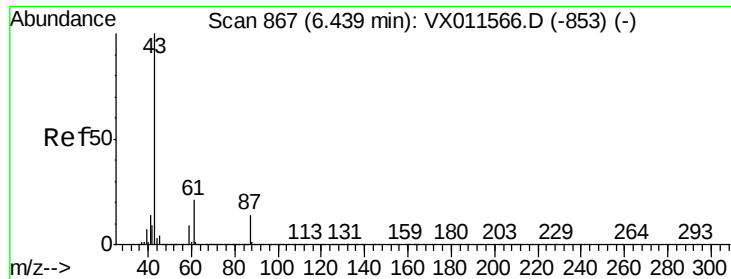
98 8.9 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.843 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

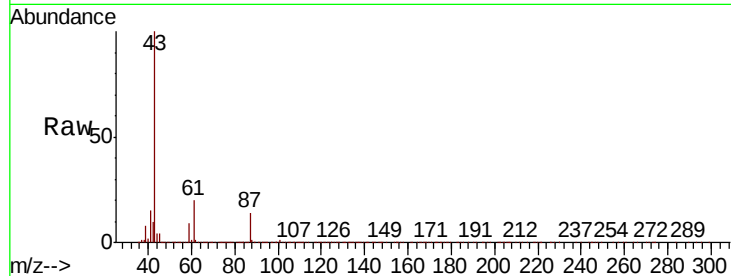
Tgt Ion: 43 Resp: 364758

Ion Ratio Lower Upper

43 100

61 20.2 16.6 24.8

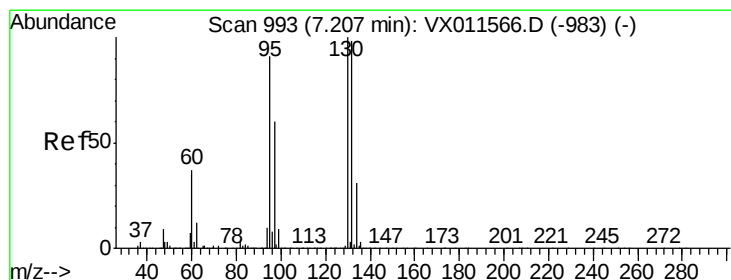
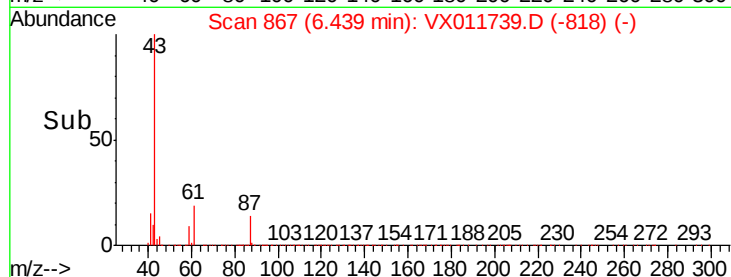
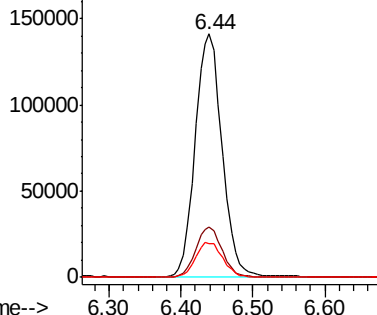
87 14.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 54.754 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011739.D

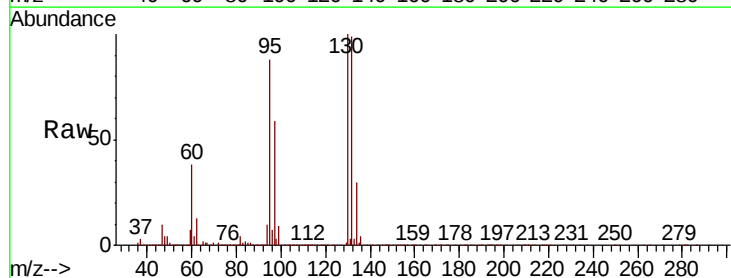
Acq: 21 Aug 2019 18:38

Tgt Ion: 130 Resp: 194103

Ion Ratio Lower Upper

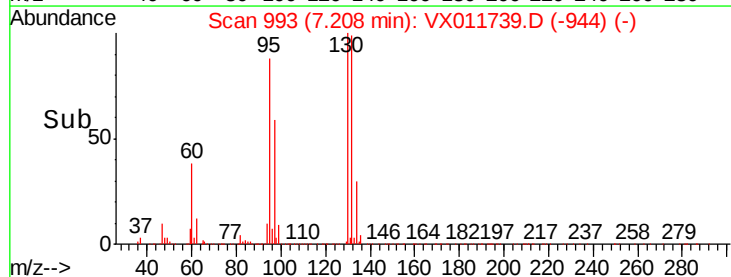
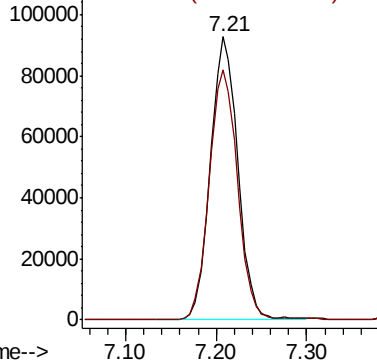
130 100

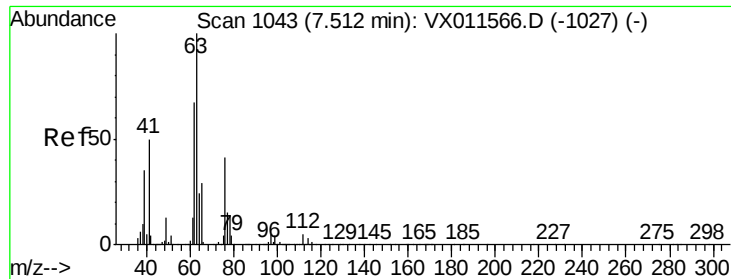
95 88.3 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

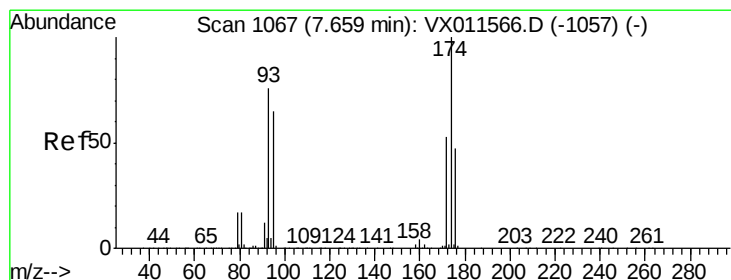
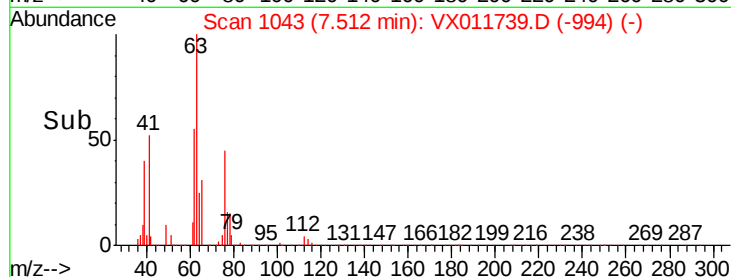
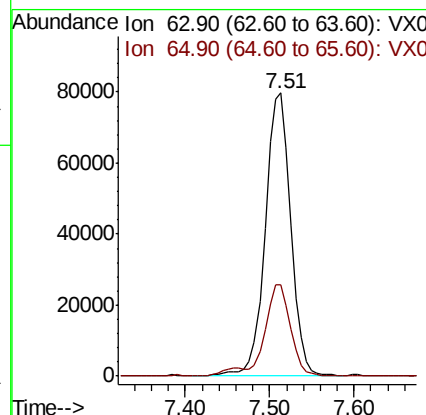
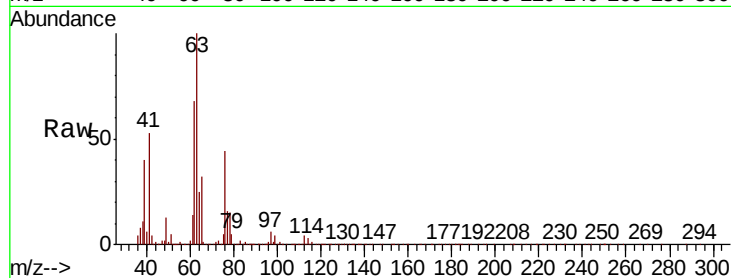




#45
 1,2-Dichloropropane
 Concen: 55.507 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

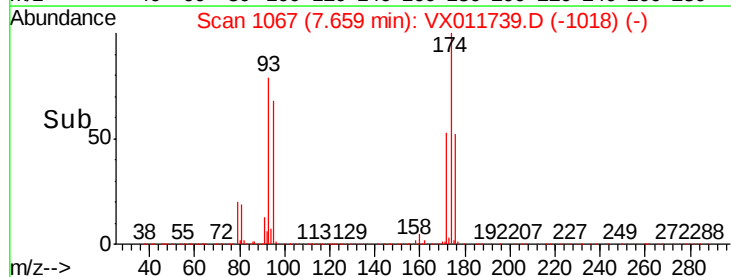
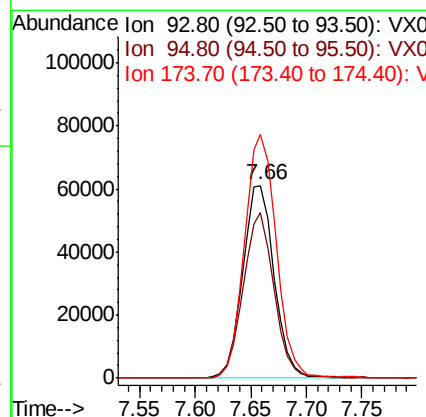
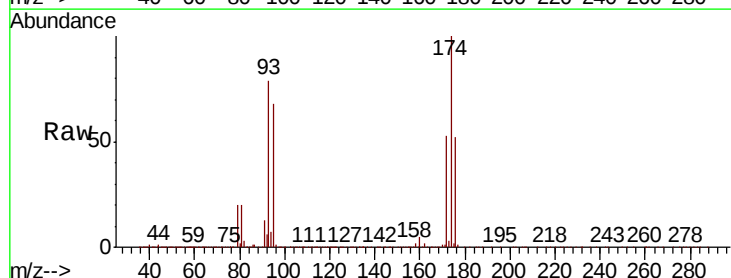
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

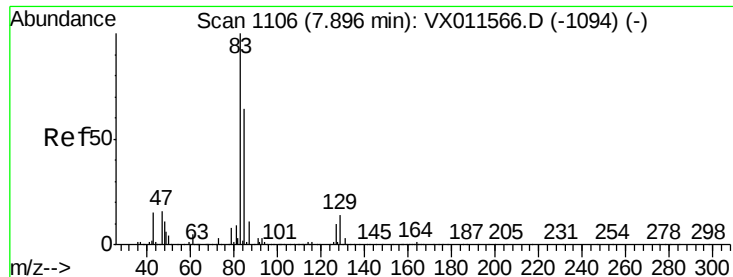
Tgt Ion: 63 Resp: 165424
 Ion Ratio Lower Upper
 63 100
 65 32.1 23.4 35.2



#46
 Dibromomethane
 Concen: 54.838 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

Tgt Ion: 93 Resp: 118764
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.2 100.8
 174 128.1 105.5 158.3





#47

Bromodichloromethane

Concen: 57.610 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

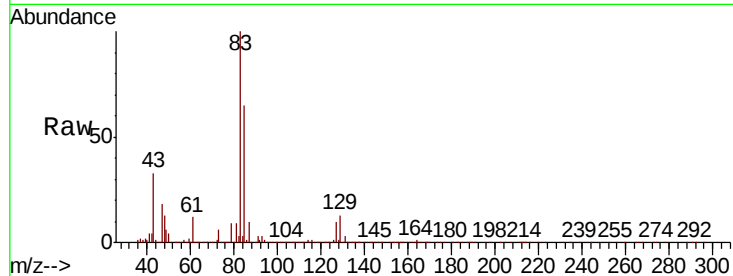
Tgt Ion: 83 Resp: 229089

Ion Ratio Lower Upper

83 100

85 65.0 51.2 76.8

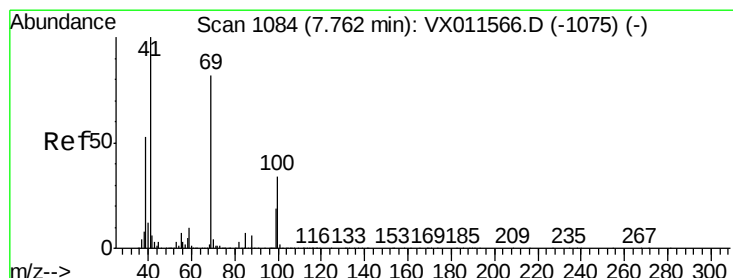
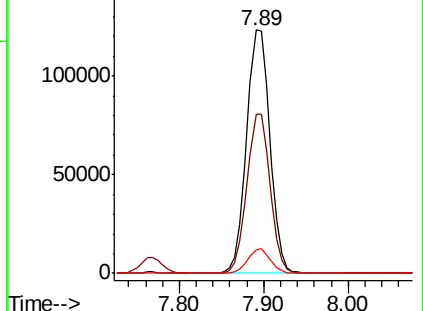
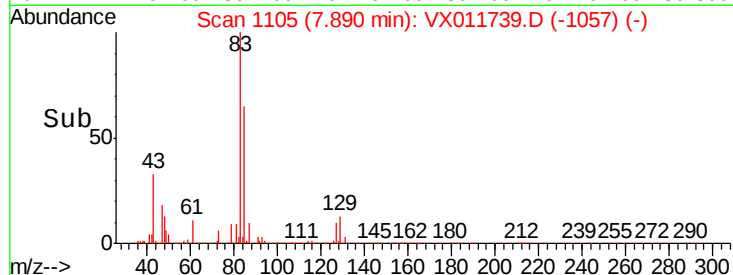
127 9.5 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.874 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

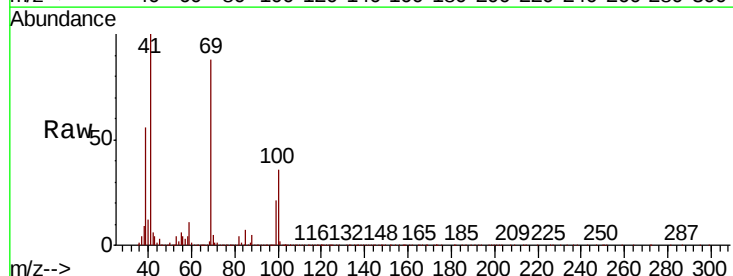
Tgt Ion: 41 Resp: 194412

Ion Ratio Lower Upper

41 100

69 86.4 67.9 101.9

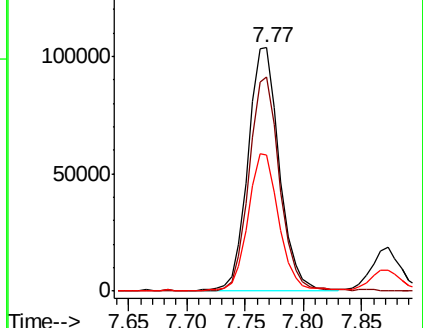
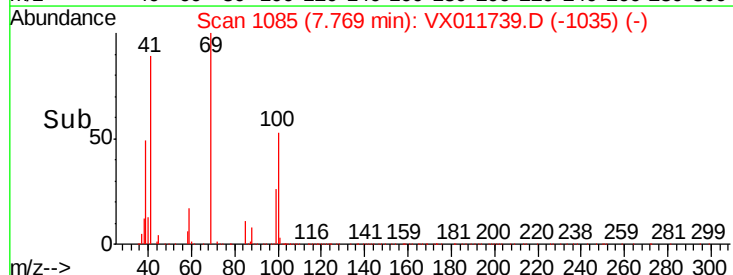
39 55.4 41.6 62.4

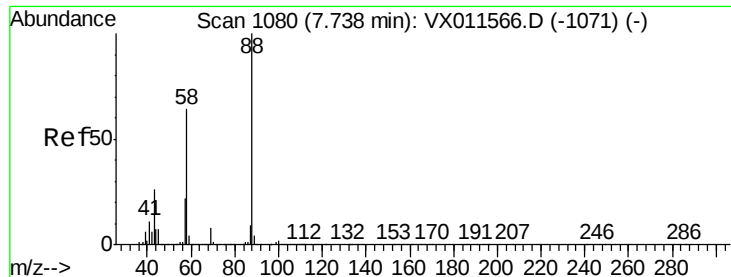


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

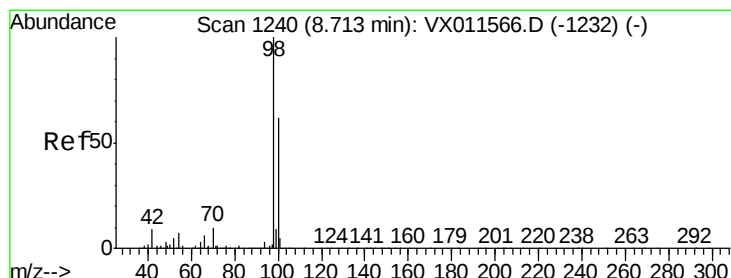
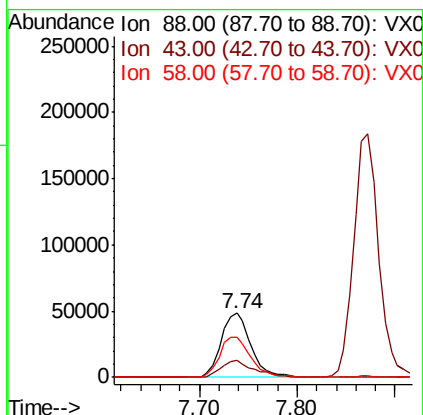
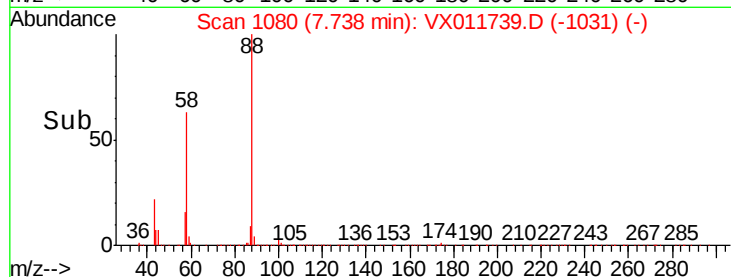
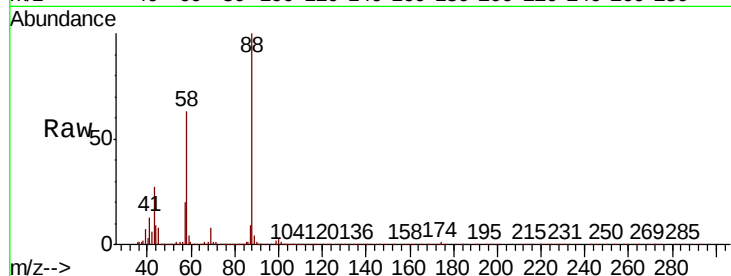




#49
1,4-Dioxane
Concen: 1106.180 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

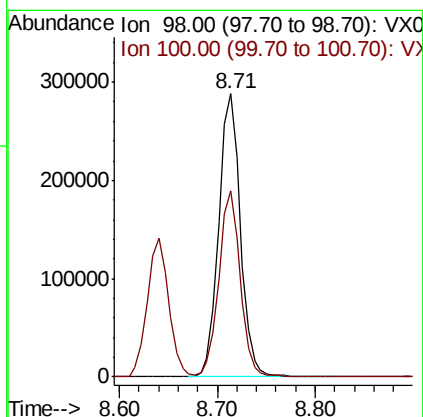
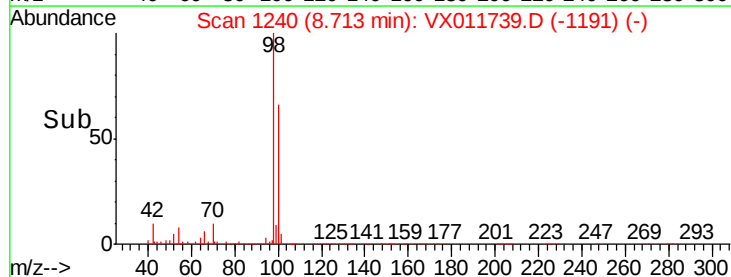
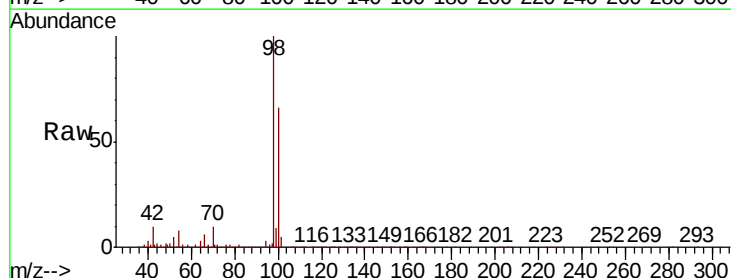
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

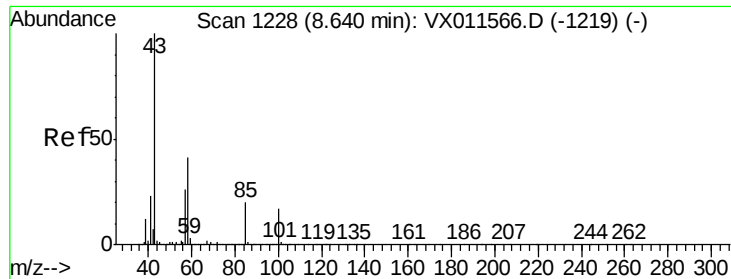
Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.7	23.4	35.0
58	66.8	54.3	81.5



#50
Toluene-d8
Concen: 48.262 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6

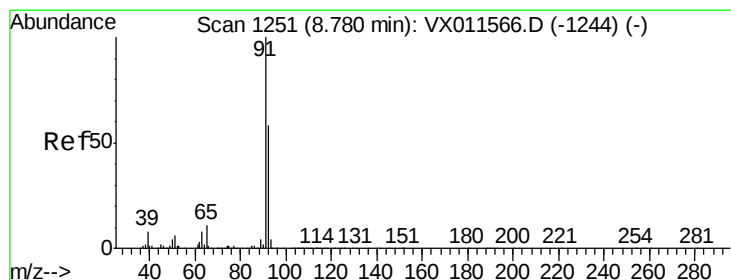
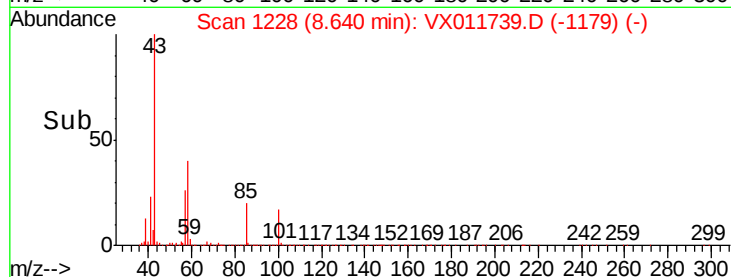
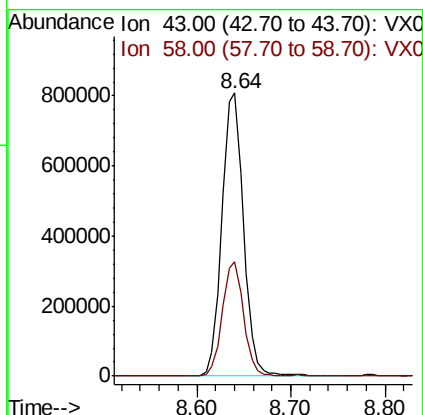
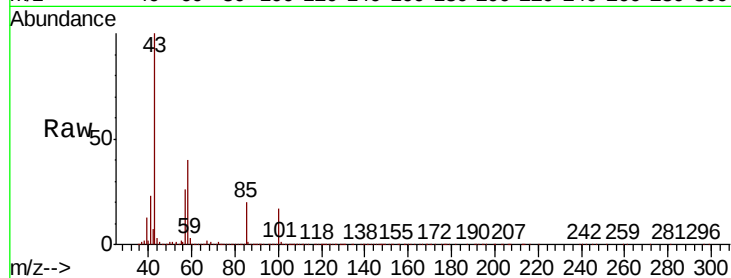




#51
 4-Methyl-2-Pentanone
 Concen: 284.579 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

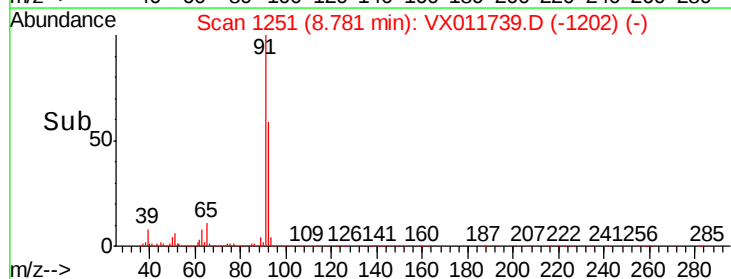
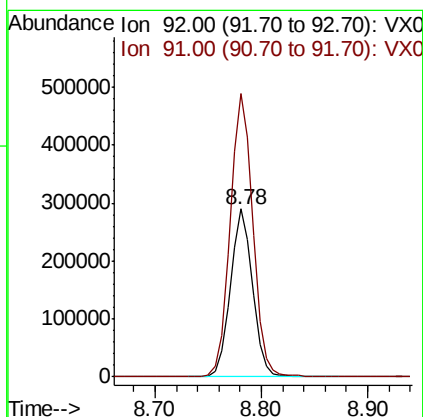
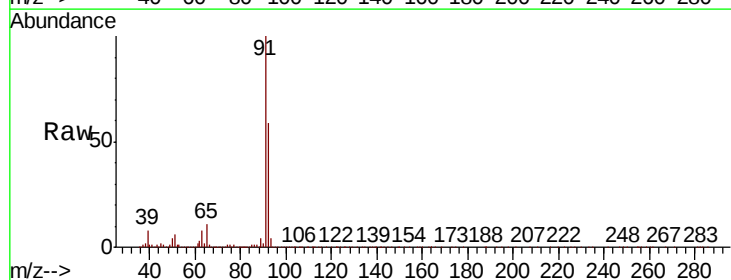
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

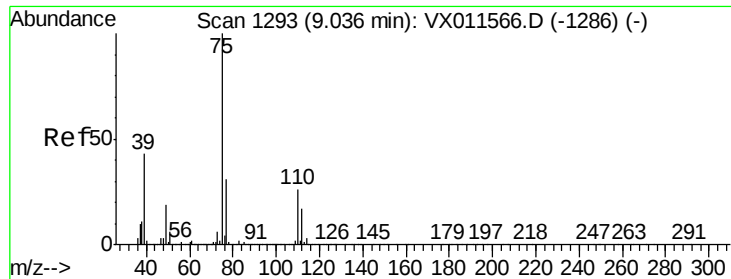
Tgt Ion: 43 Resp: 1285743
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.8 47.6



#52
 Toluene
 Concen: 55.615 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

Tgt Ion: 92 Resp: 423408
 Ion Ratio Lower Upper
 92 100
 91 172.9 138.0 207.0

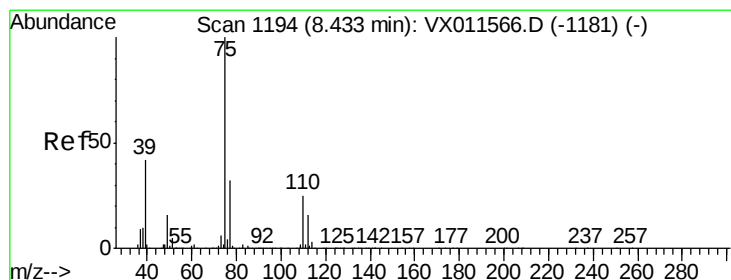
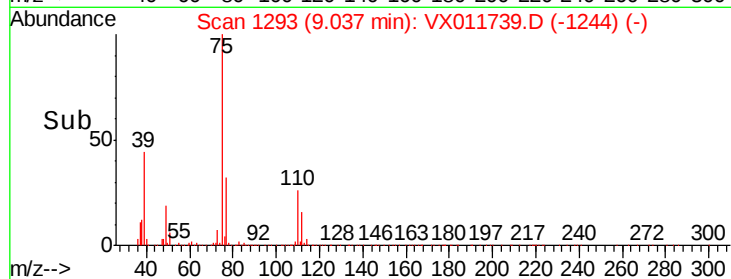
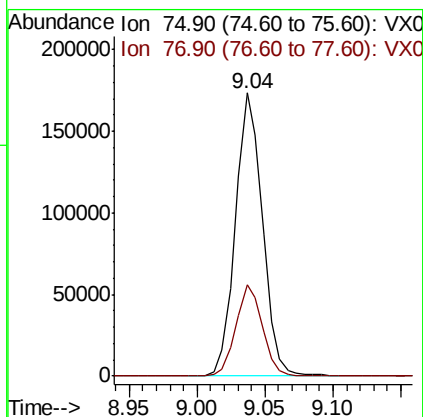
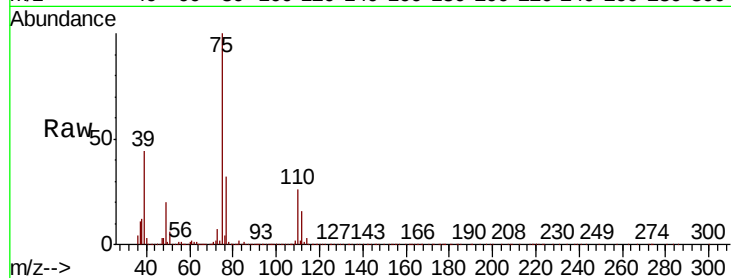




#53
t-1,3-Dichloropropene
Concen: 58.190 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

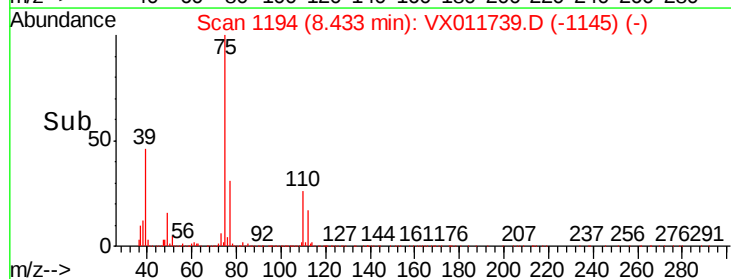
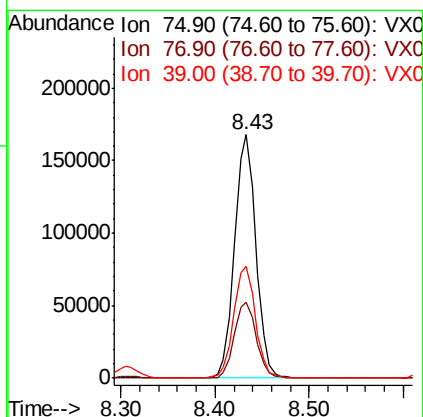
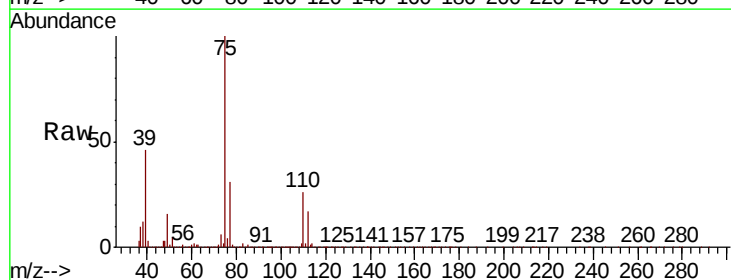
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

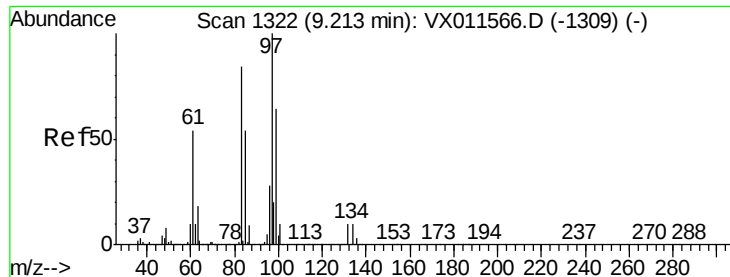
Tgt Ion: 75 Resp: 240150
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 58.412 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion: 75 Resp: 263814
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 45.9 33.6 50.4

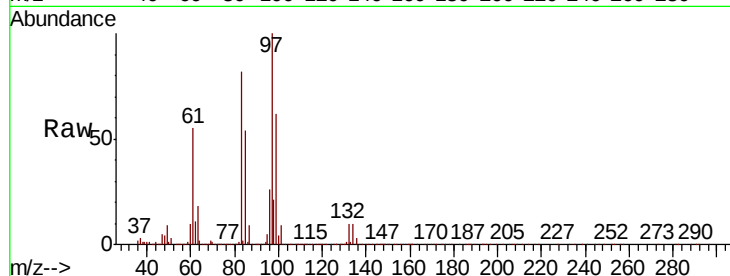




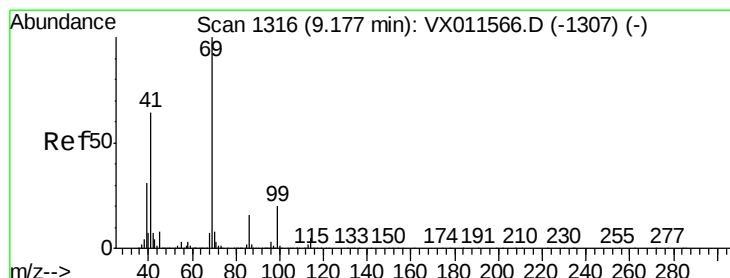
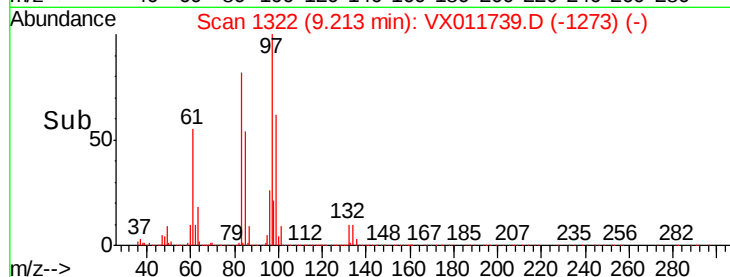
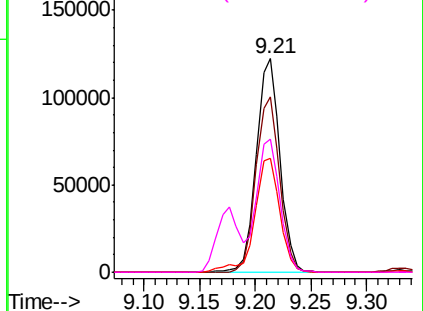
#55
 1,1,2-Trichloroethane
 Concen: 55.830 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	180752
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.4	101.0
85	53.5	43.4	65.2
99	61.9	51.1	76.7

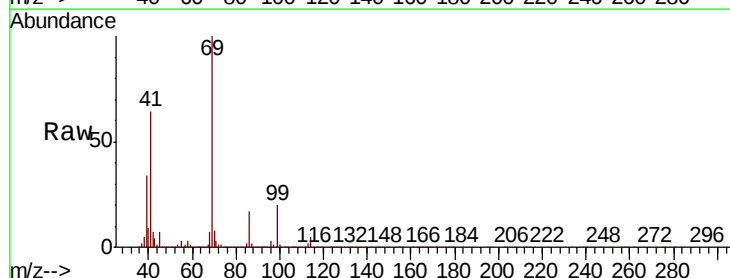


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

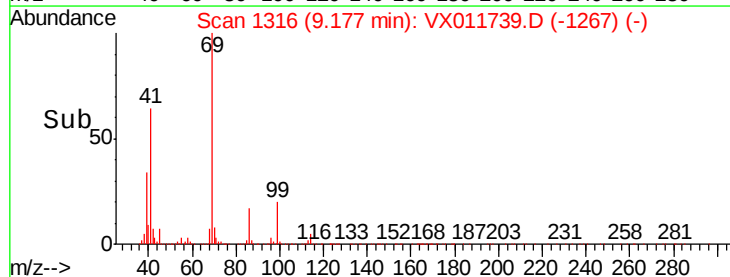
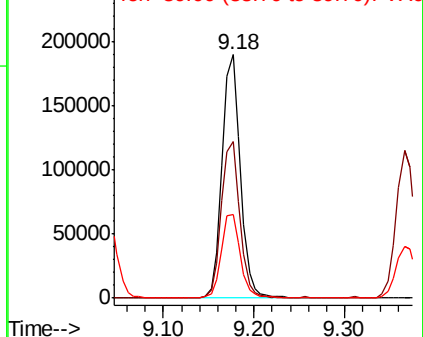


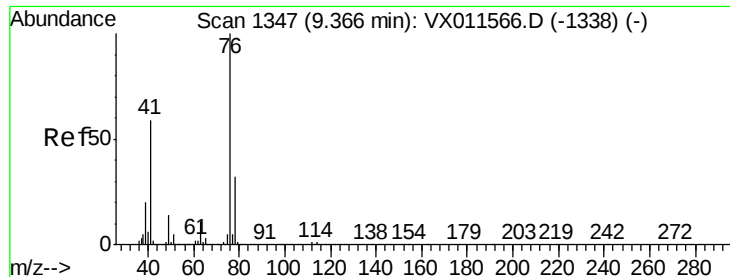
#56
 Ethyl methacrylate
 Concen: 56.711 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

Tgt Ion:	69	Resp:	266856
Ion	Ratio	Lower	Upper
69	100		
41	64.7	52.1	78.1
39	35.1	25.4	38.0



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





#57

1,3-Dichloropropane

Concen: 55.654 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

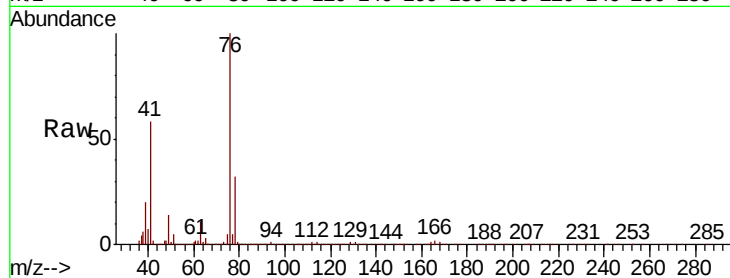
VSTDCCC050

Tgt Ion: 76 Resp: 286414

Ion Ratio Lower Upper

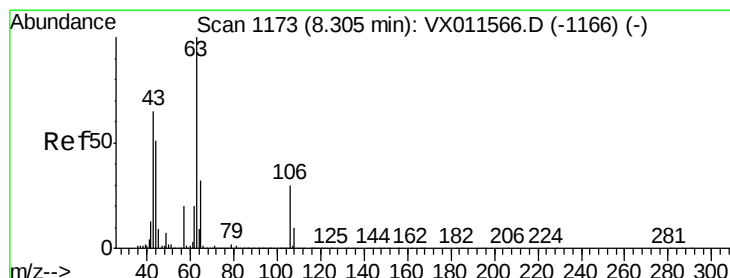
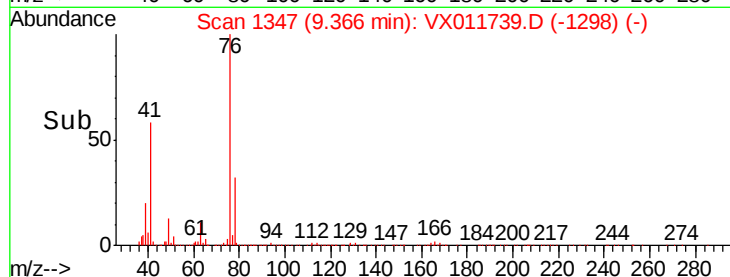
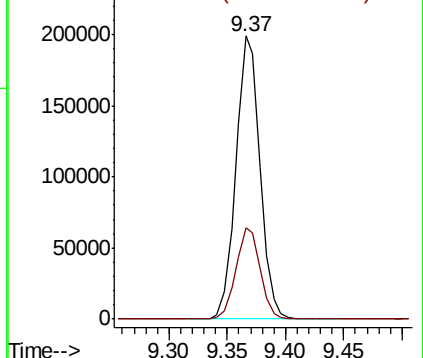
76 100

78 32.4 26.2 39.4



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: 282.806 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011739.D

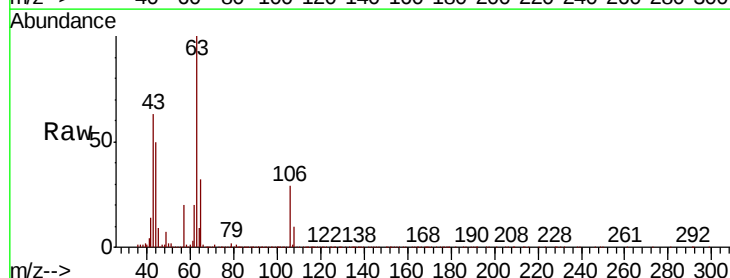
Acq: 21 Aug 2019 18:38

Tgt Ion: 63 Resp: 663071

Ion Ratio Lower Upper

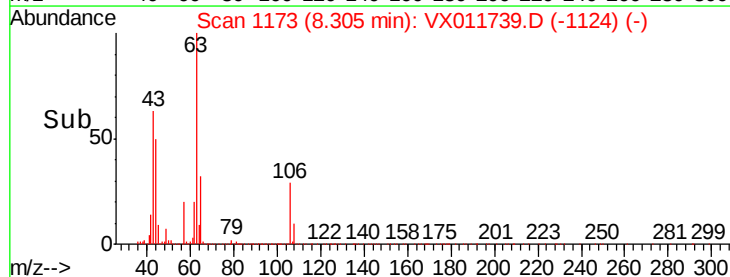
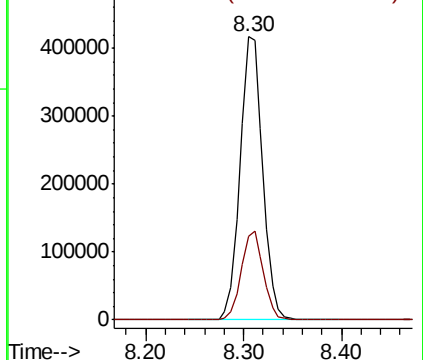
63 100

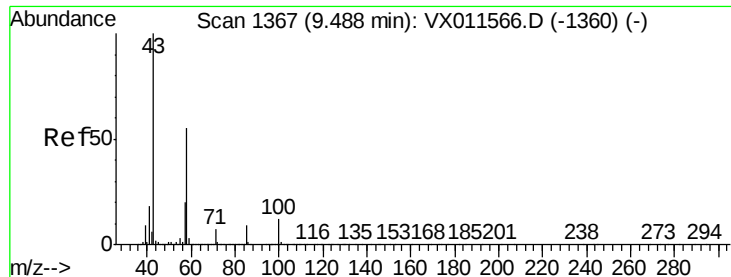
106 30.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

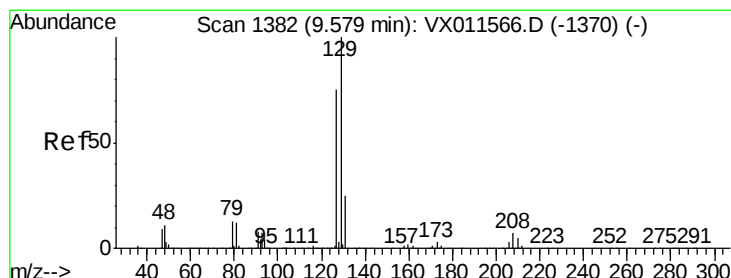
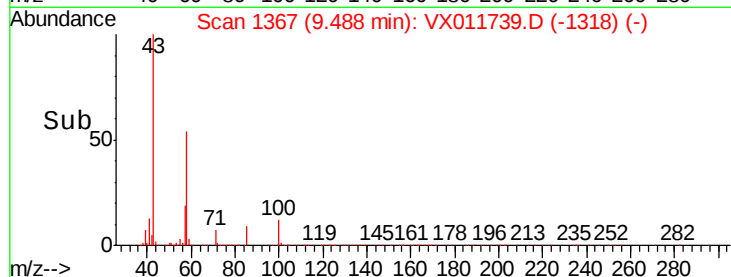
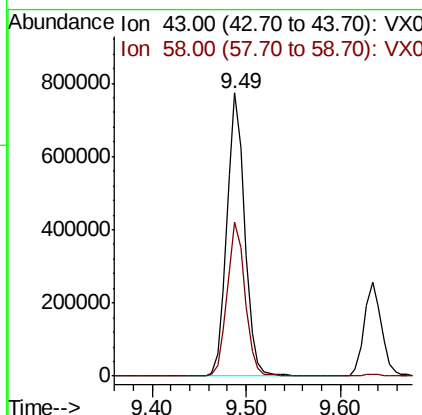
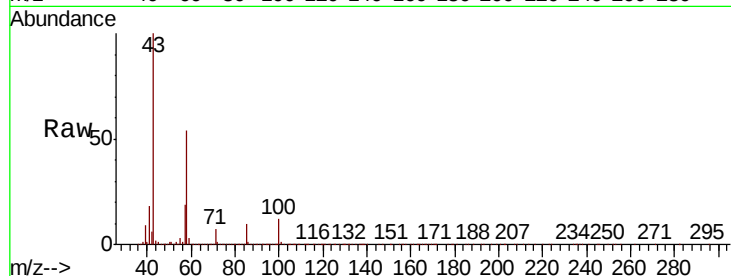




#59
2-Hexanone
Concen: 290.142 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

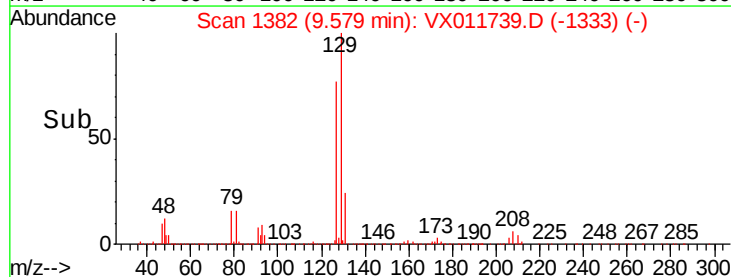
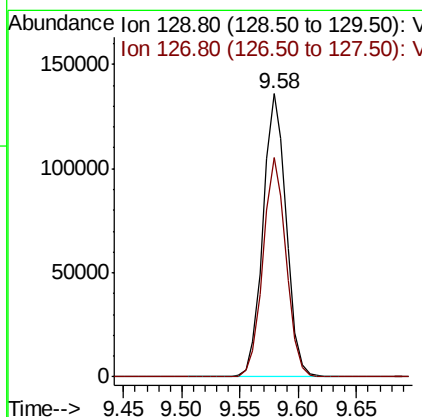
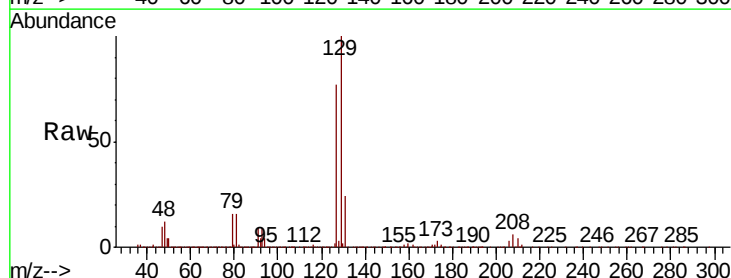
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

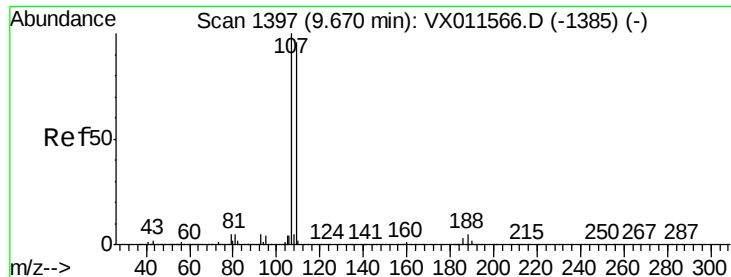
Tgt Ion: 43 Resp: 1010890
Ion Ratio Lower Upper
43 100
58 55.0 27.5 82.4



#60
Dibromochloromethane
Concen: 56.054 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion: 129 Resp: 189080
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.1





#61

1,2-Dibromoethane

Concen: 54.170 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

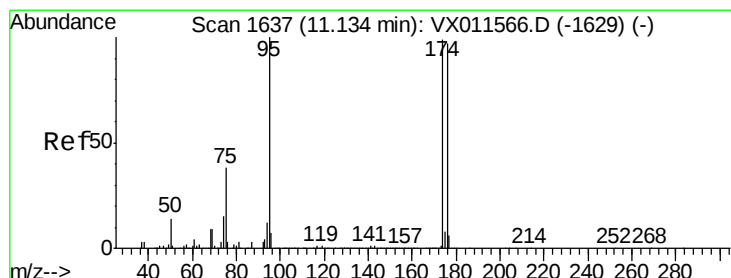
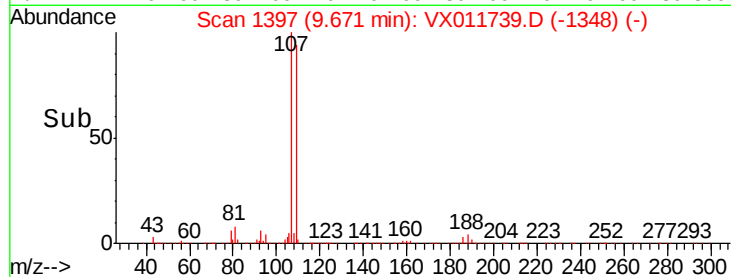
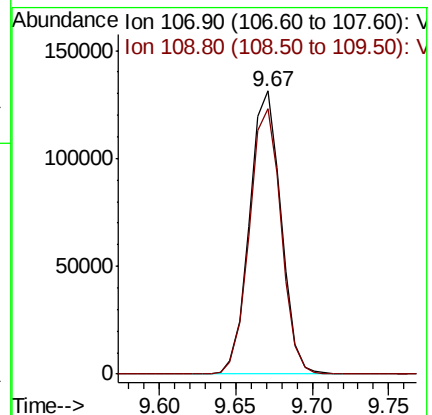
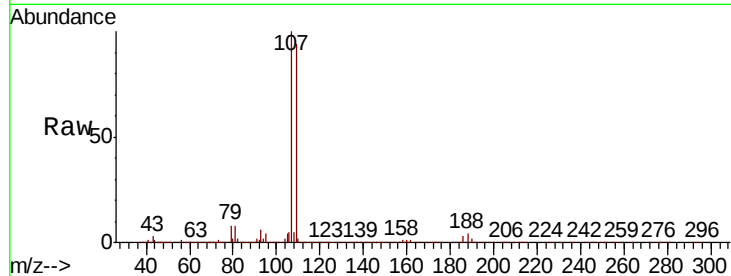
VSTDCCC050

Tgt Ion: 107 Resp: 187172

Ion Ratio Lower Upper

107 100

109 94.6 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 48.950 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

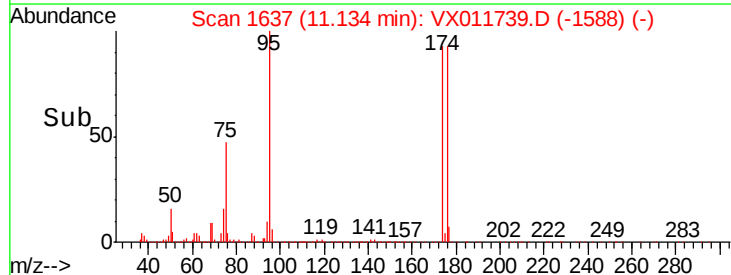
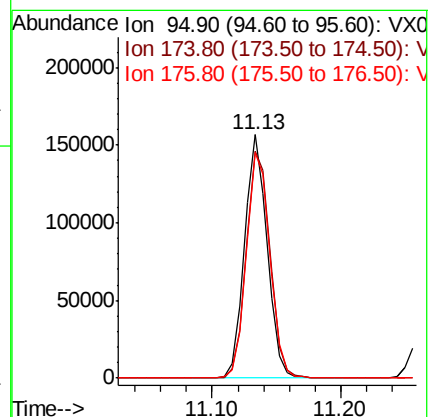
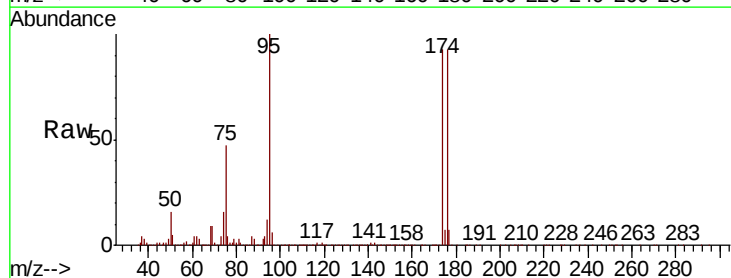
Tgt Ion: 95 Resp: 189382

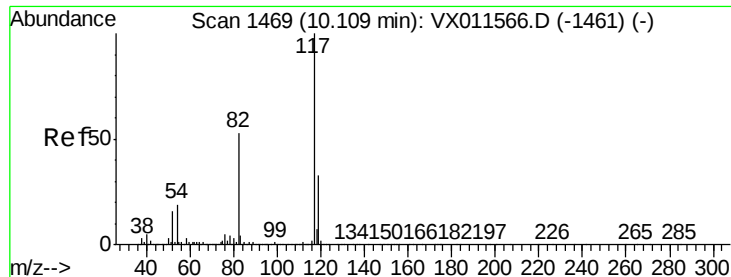
Ion Ratio Lower Upper

95 100

174 98.5 0.0 200.6

176 96.3 0.0 196.6

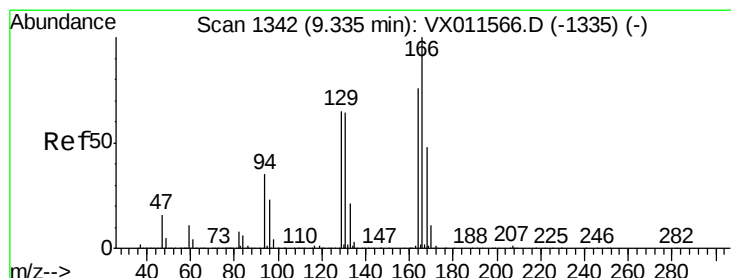
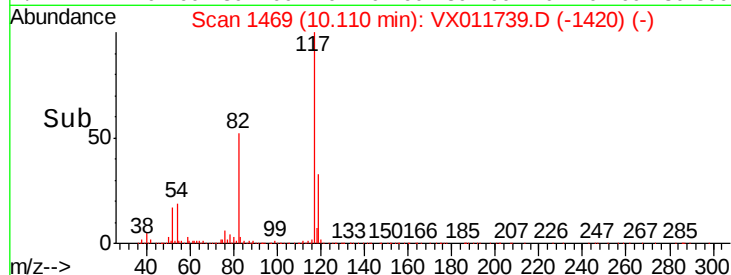
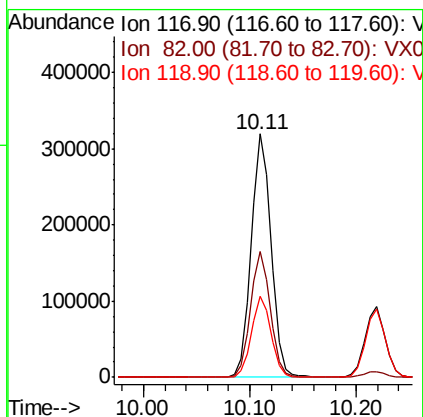
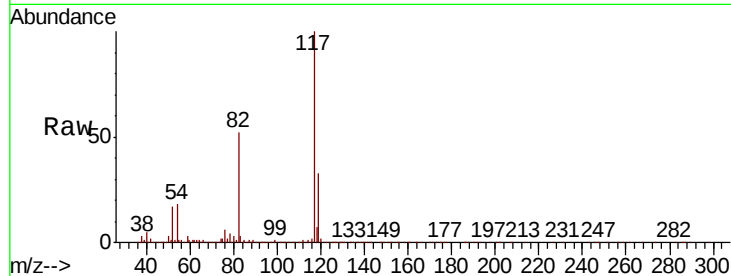




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

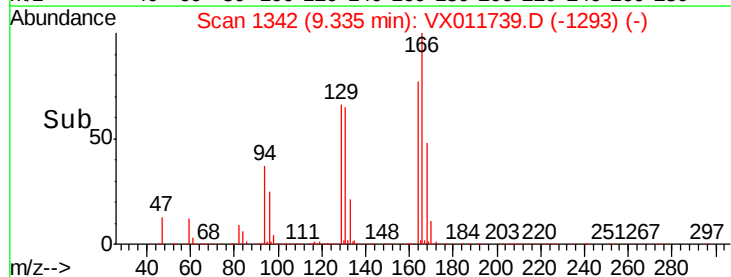
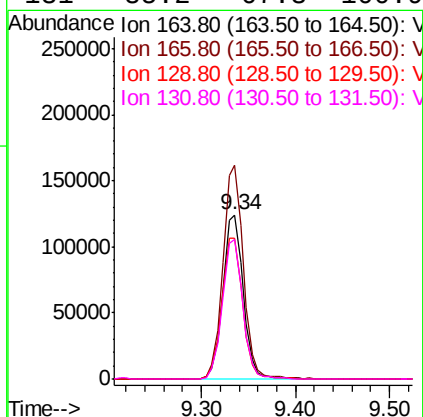
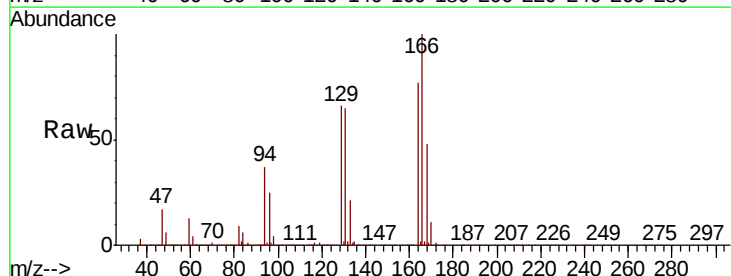
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

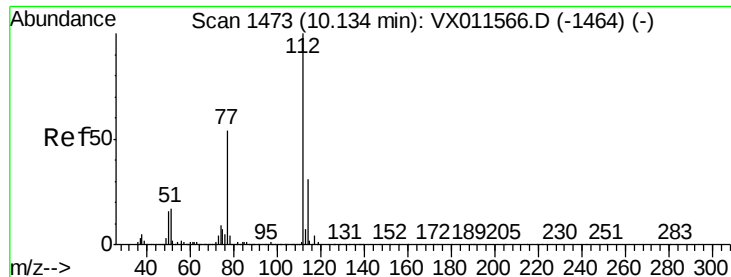
Tgt Ion:117 Resp: 419752
Ion Ratio Lower Upper
117 100
82 51.8 42.0 63.0
119 33.3 26.5 39.7



#64
Tetrachloroethene
Concen: 54.252 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion:164 Resp: 186843
Ion Ratio Lower Upper
164 100
166 130.1 104.7 157.1
129 85.8 68.2 102.4
131 85.2 67.3 100.9

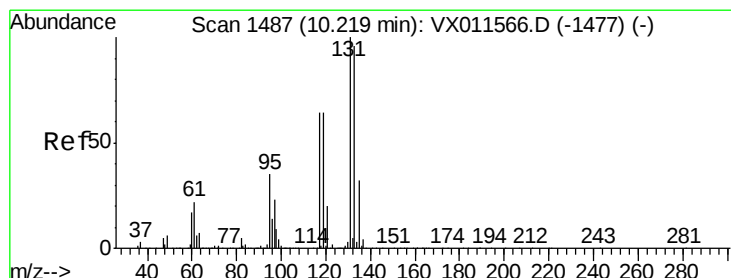
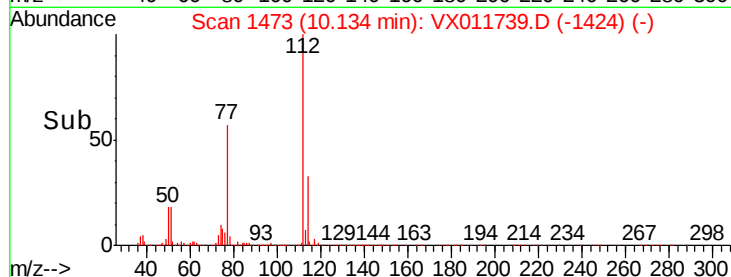
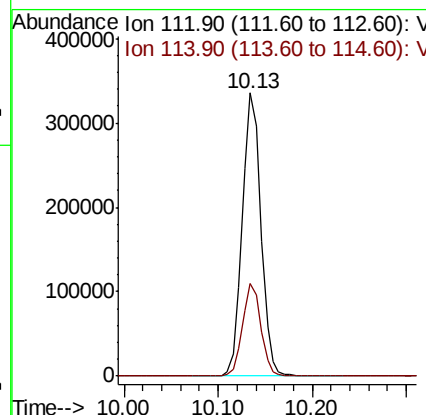
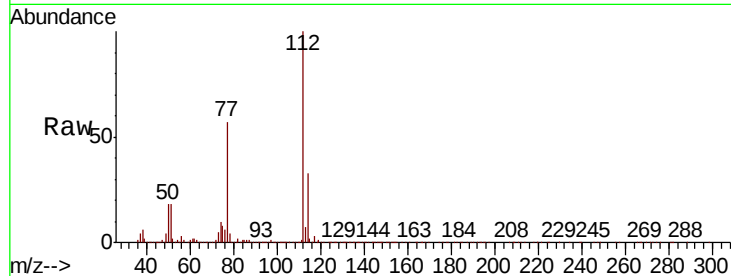




#65
Chlorobenzene
Concen: 51.788 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

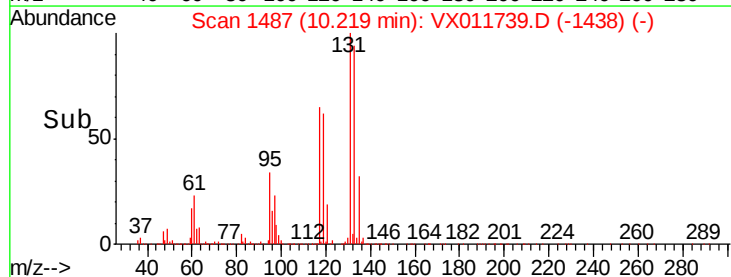
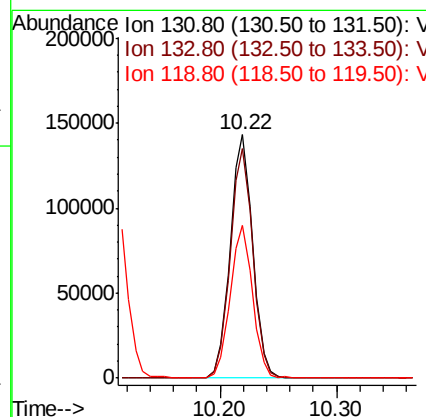
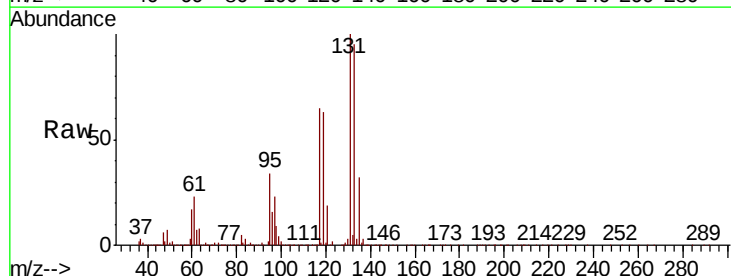
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

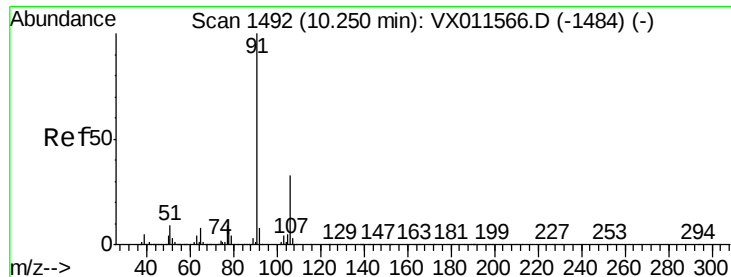
Tgt Ion:112 Resp: 463651
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.124 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion:131 Resp: 191153
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.4
119 62.3 31.3 93.8





#67

Ethyl Benzene

Concen: 55.707 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

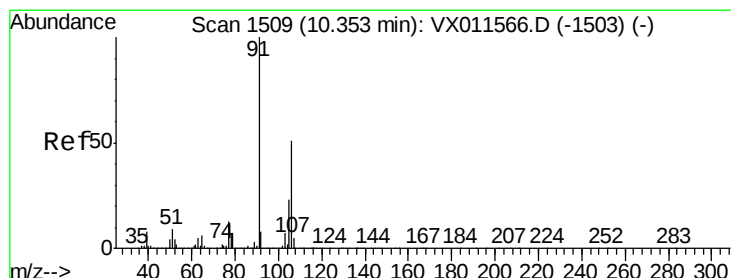
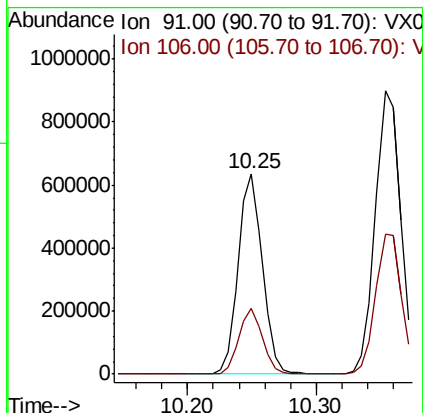
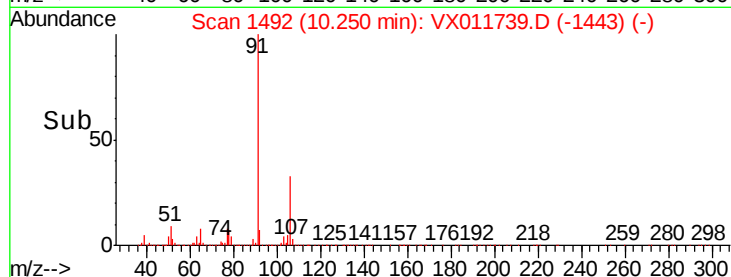
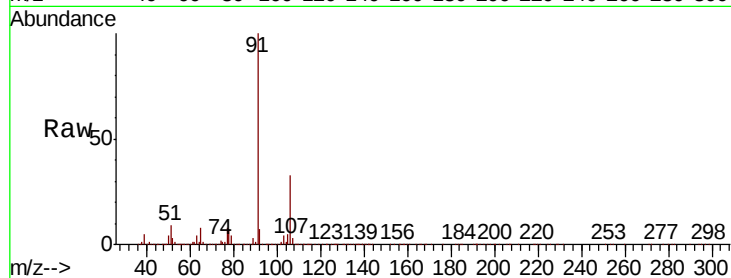
VSTDCCC050

Tgt Ion: 91 Resp: 832350

Ion Ratio Lower Upper

91 100

106 32.8 26.0 39.0



#68

m/p-Xylenes

Concen: 107.136 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011739.D

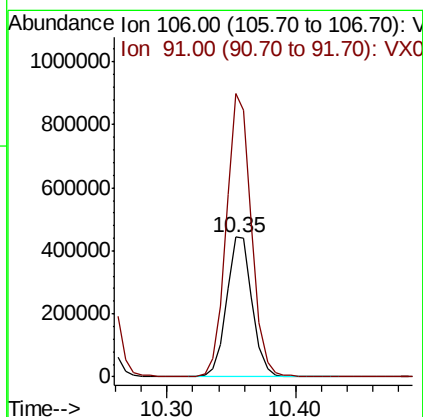
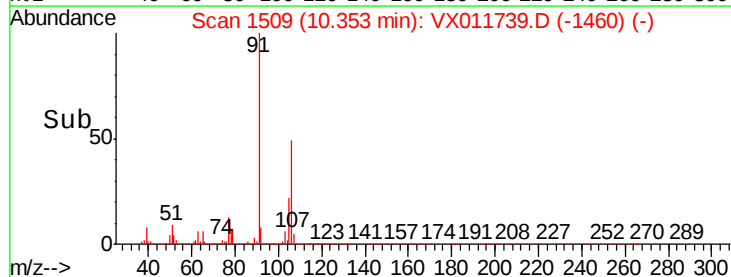
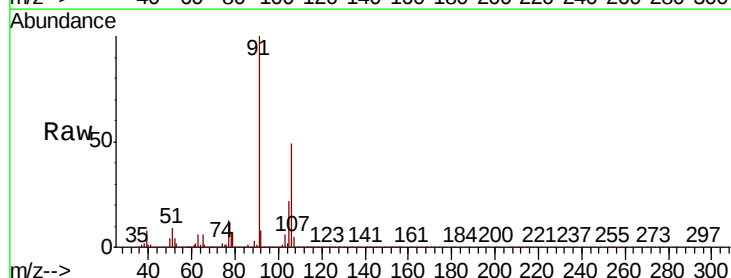
Acq: 21 Aug 2019 18:38

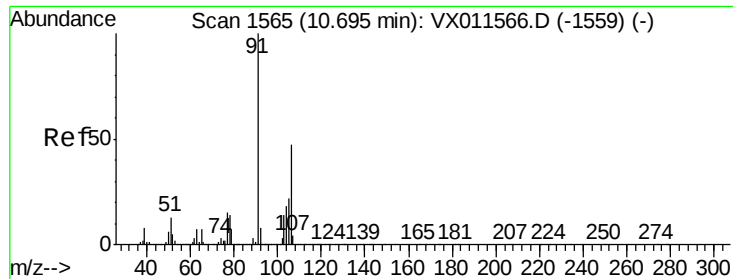
Tgt Ion: 106 Resp: 614463

Ion Ratio Lower Upper

106 100

91 199.6 156.0 234.0

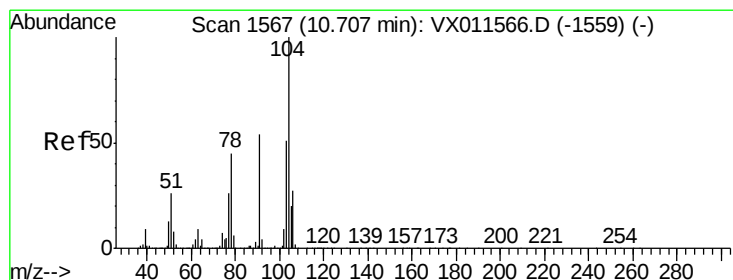
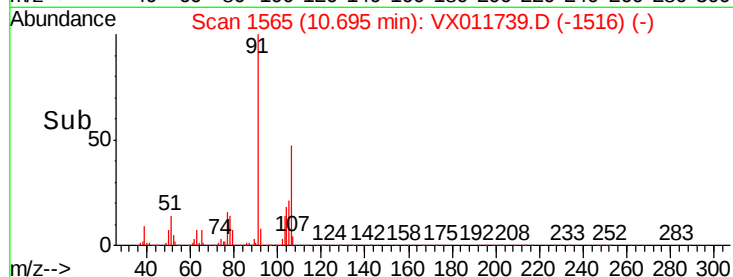
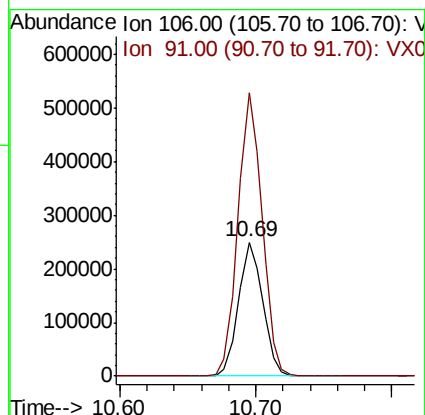
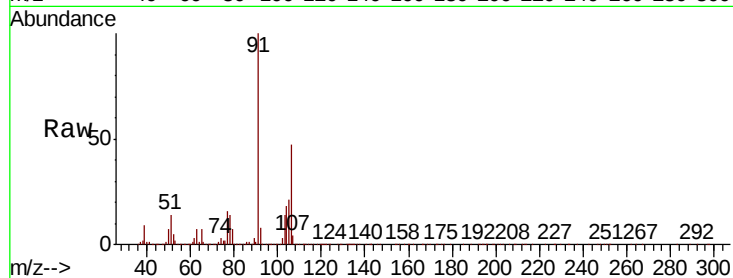




#69
o-Xylene
Concen: 55.363 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

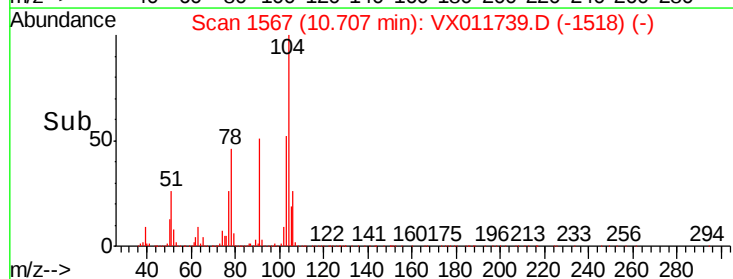
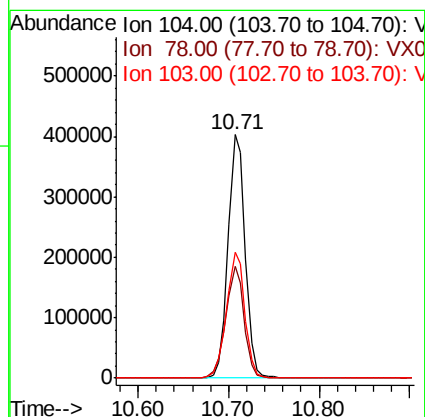
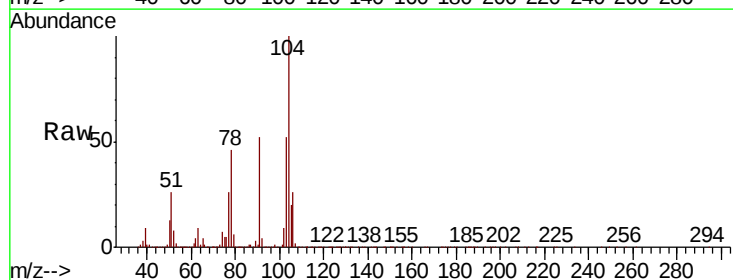
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

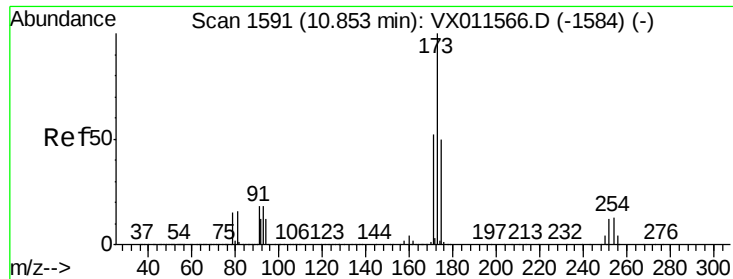
Tgt Ion:106 Resp: 311030
Ion Ratio Lower Upper
106 100
91 211.1 105.5 316.4



#70
Styrene
Concen: 55.834 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion:104 Resp: 528049
Ion Ratio Lower Upper
104 100
78 49.1 38.2 57.4
103 55.6 43.6 65.4

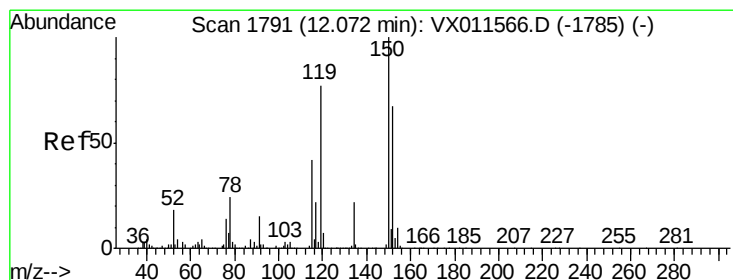
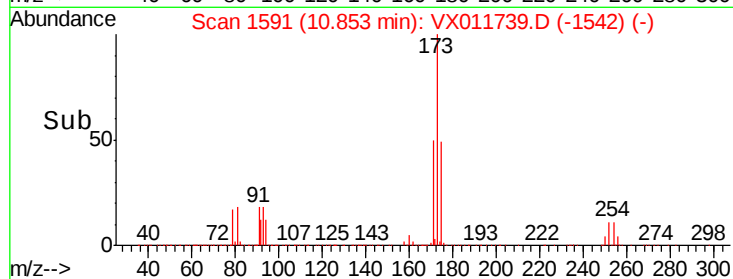
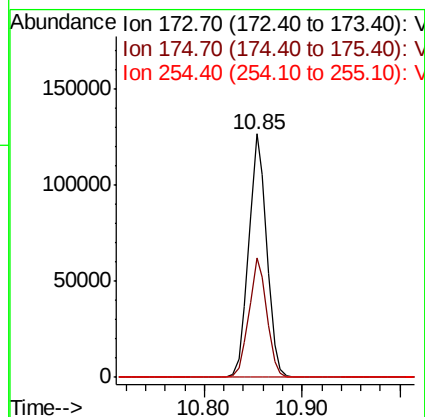
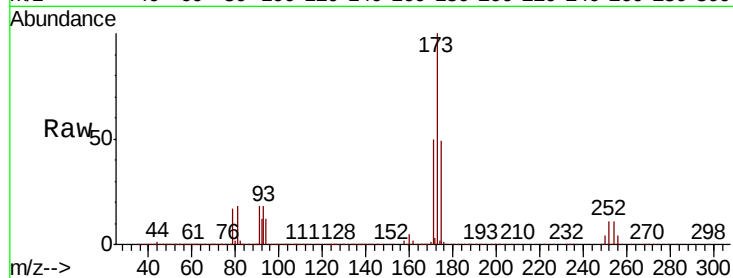




#71
Bromoform
Concen: 49.721 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

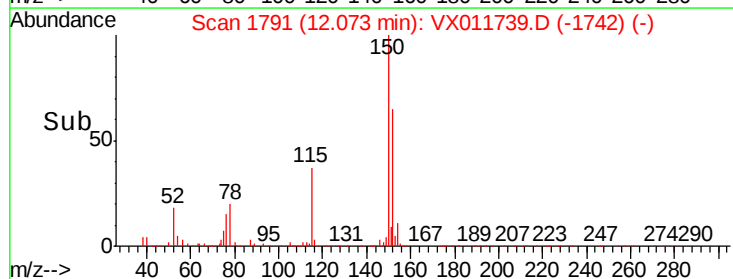
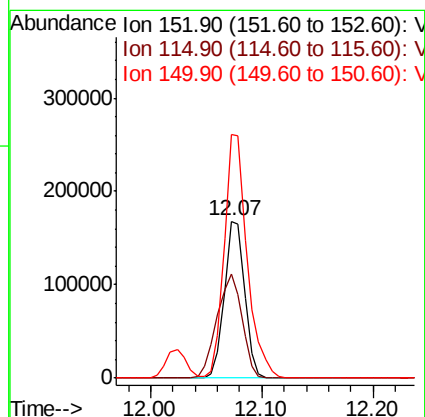
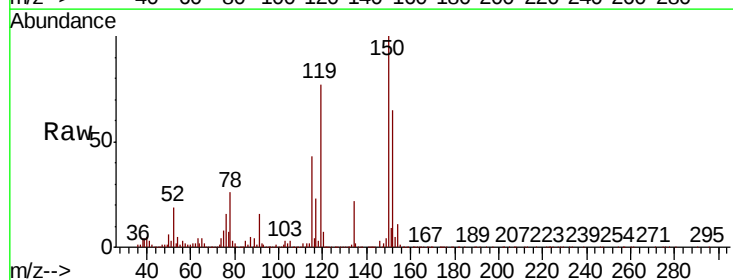
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

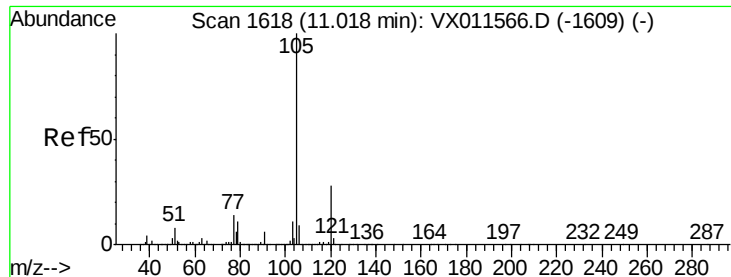
Tgt Ion:173 Resp: 161621
Ion Ratio Lower Upper
173 100
175 48.6 24.9 74.7
254 0.3 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion:152 Resp: 211809
Ion Ratio Lower Upper
152 100
115 82.9 37.3 111.9
150 175.0 0.0 346.2





#73

Isopropylbenzene

Concen: 61.797 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

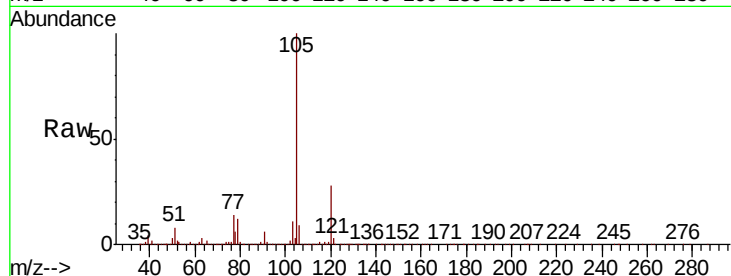
VSTDCCC050

Tgt Ion: 105 Resp: 849344

Ion Ratio Lower Upper

105 100

120 27.6 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

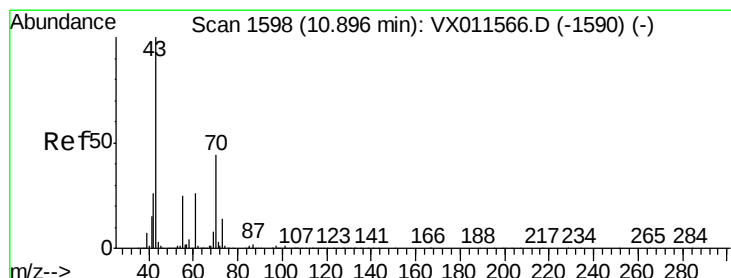
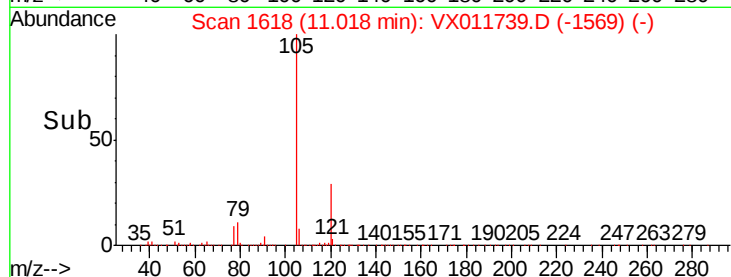
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 57.143 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Tgt Ion: 43 Resp: 333757

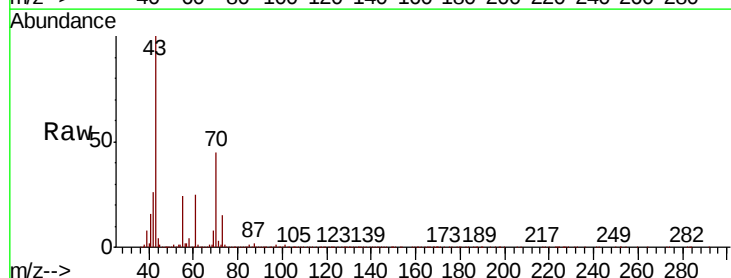
Ion Ratio Lower Upper

43 100

70 44.1 34.7 52.1

55 24.6 19.6 29.4

61 24.8 19.9 29.9



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

400000

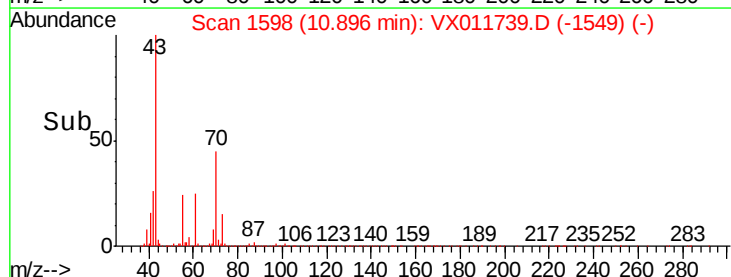
300000

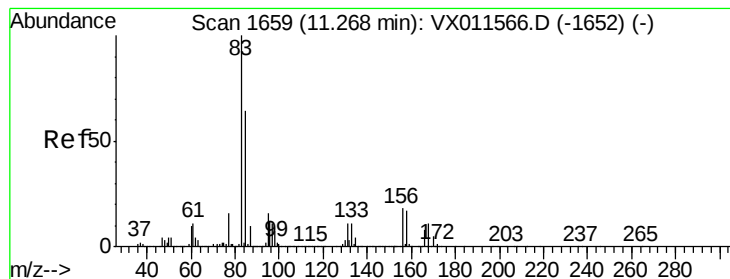
200000

100000

0

Time--> 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 60.289 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

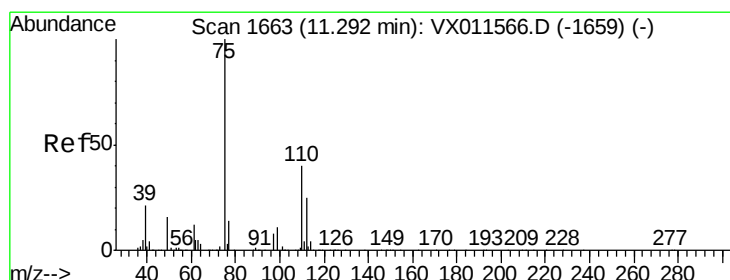
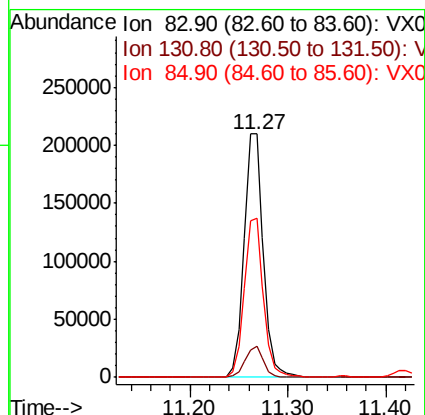
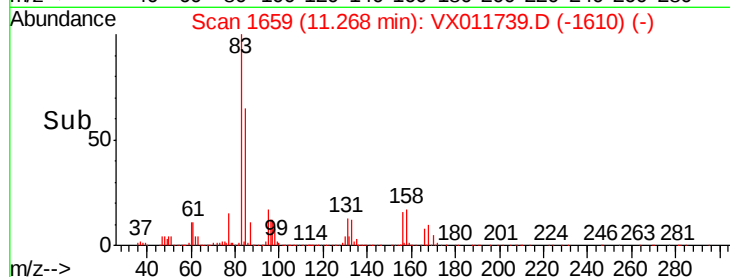
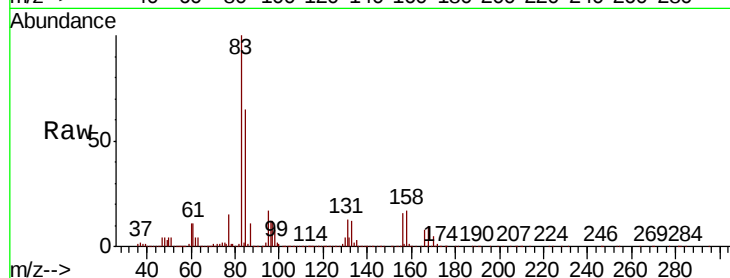
Tgt Ion: 83 Resp: 285043

Ion Ratio Lower Upper

83 100

131 12.1 5.8 17.3

85 65.1 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 79.089 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011739.D

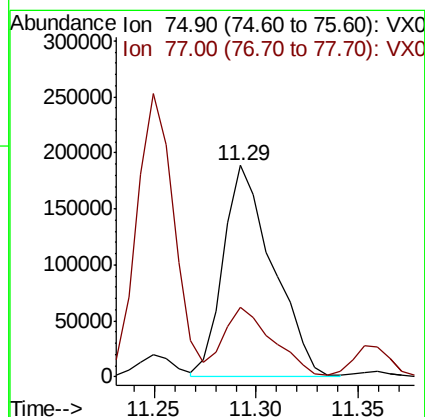
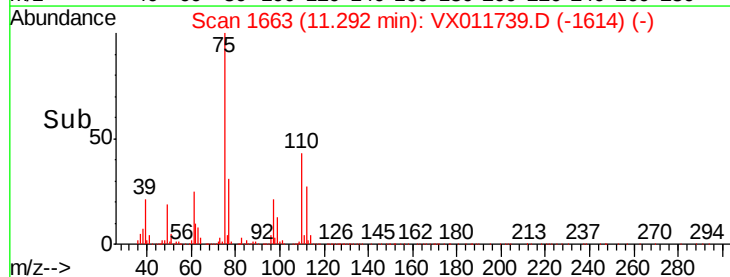
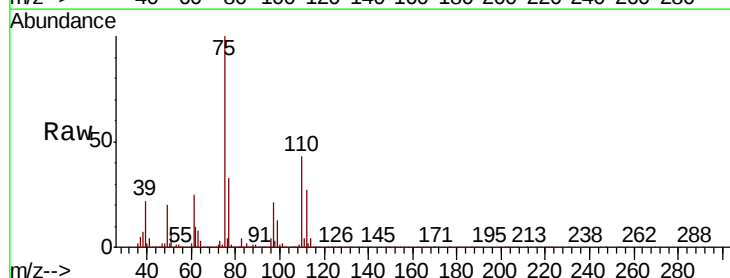
Acq: 21 Aug 2019 18:38

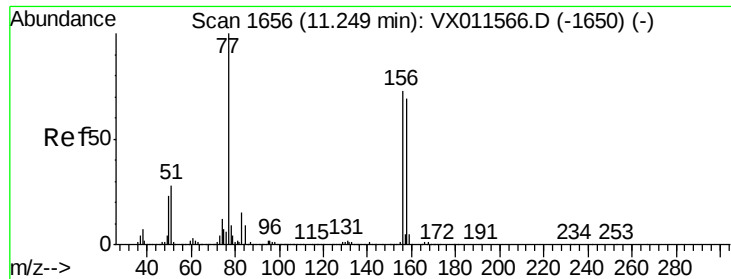
Tgt Ion: 75 Resp: 317651

Ion Ratio Lower Upper

75 100

77 32.5 20.9 62.8





#77

Bromobenzene

Concen: 60.133 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

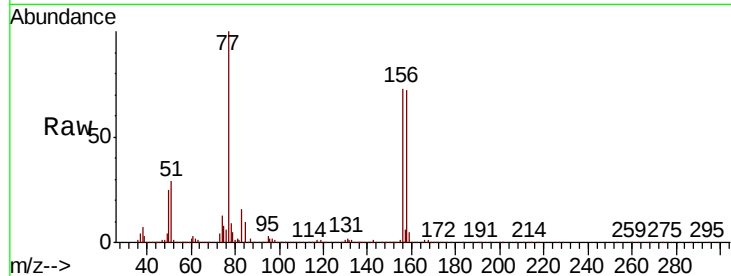
Tgt Ion:156 Resp: 245887

Ion Ratio Lower Upper

156 100

77 130.3 64.6 193.9

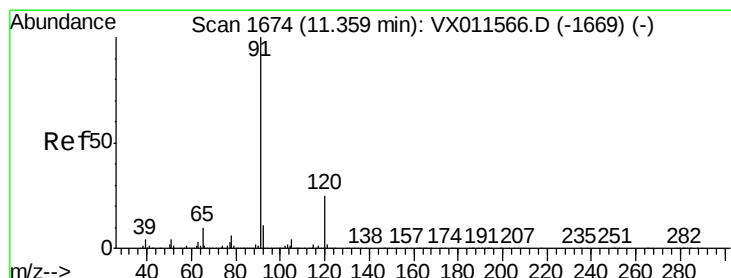
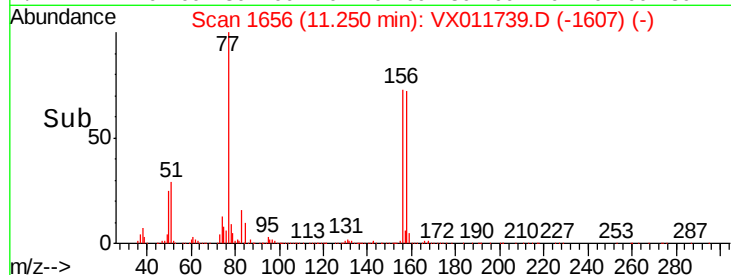
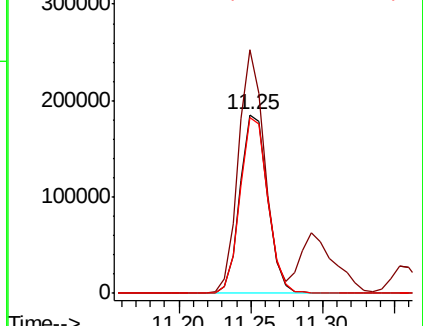
158 98.8 48.4 145.3



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: 60.856 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011739.D

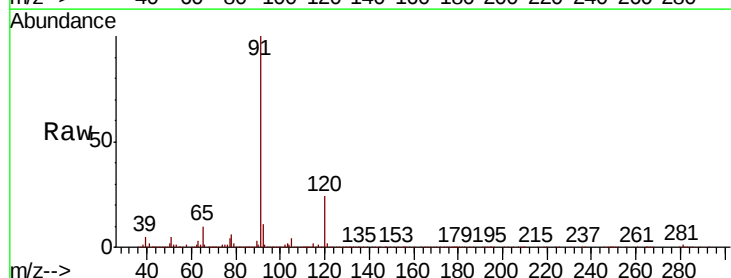
Acq: 21 Aug 2019 18:38

Tgt Ion: 91 Resp: 901900

Ion Ratio Lower Upper

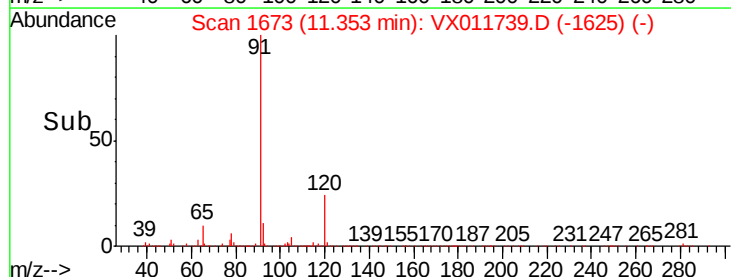
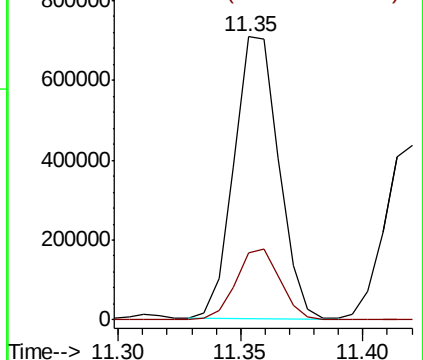
91 100

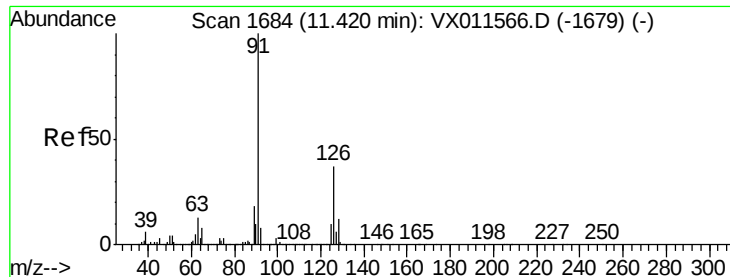
120 24.7 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 60.814 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

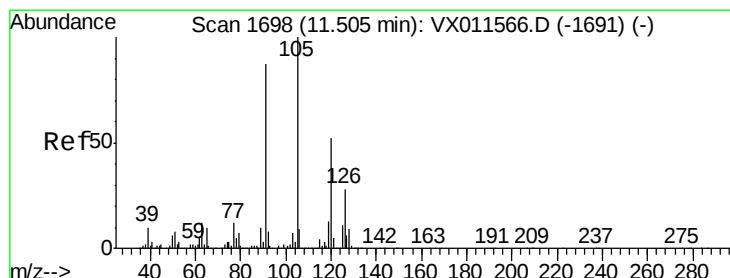
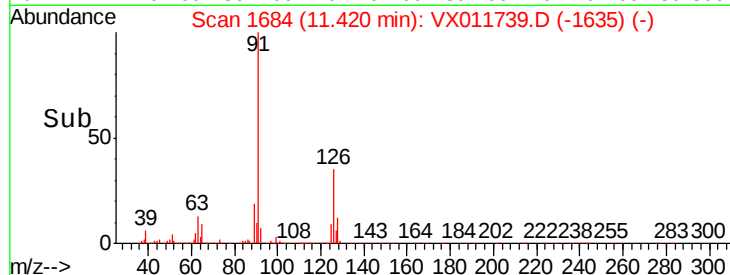
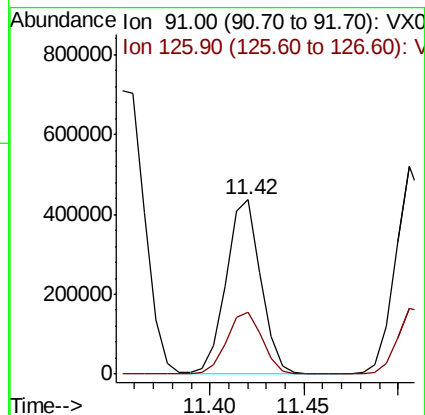
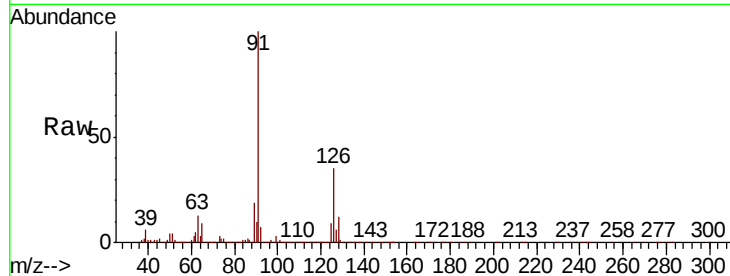
VSTDCCC050

Tgt Ion: 91 Resp: 553426

Ion Ratio Lower Upper

91 100

126 36.4 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 62.666 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011739.D

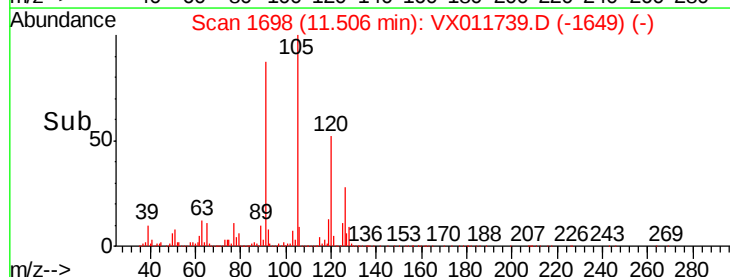
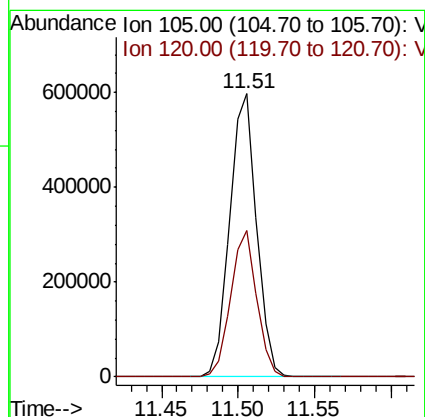
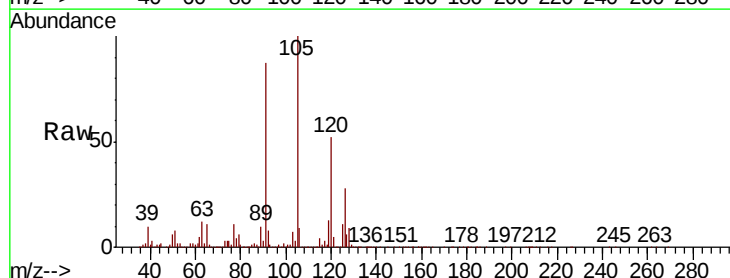
Acq: 21 Aug 2019 18:38

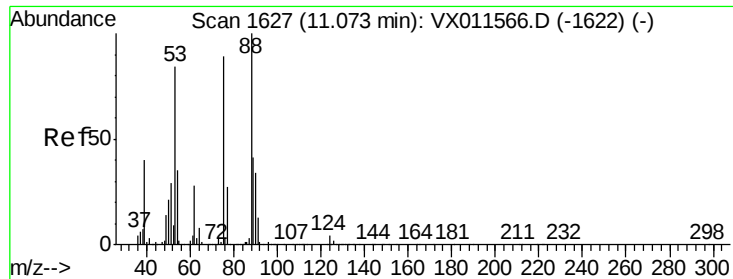
Tgt Ion: 105 Resp: 723507

Ion Ratio Lower Upper

105 100

120 50.3 25.3 75.8

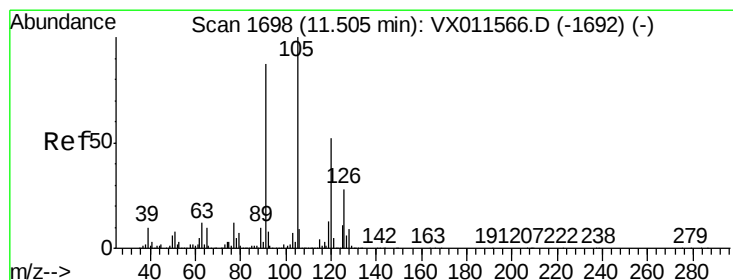
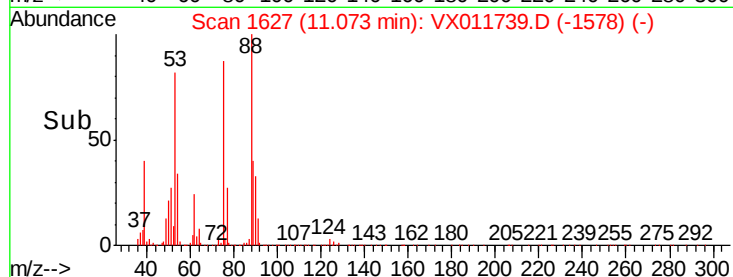
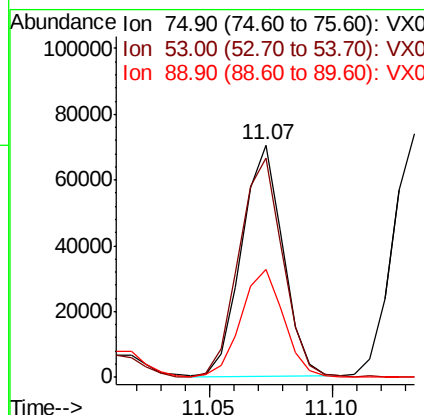
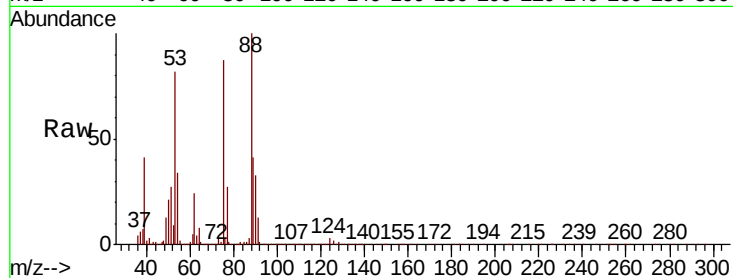




#81
trans-1,4-Dichloro-2-butene
Concen: 55.343 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

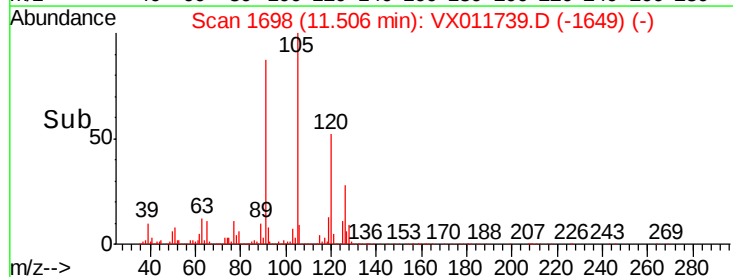
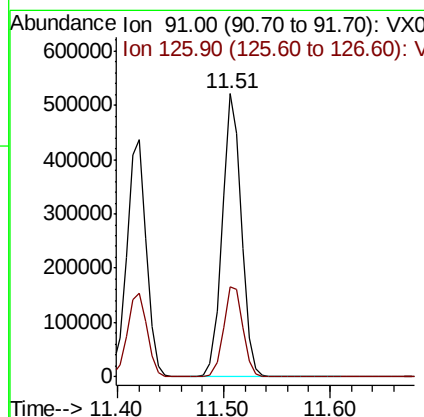
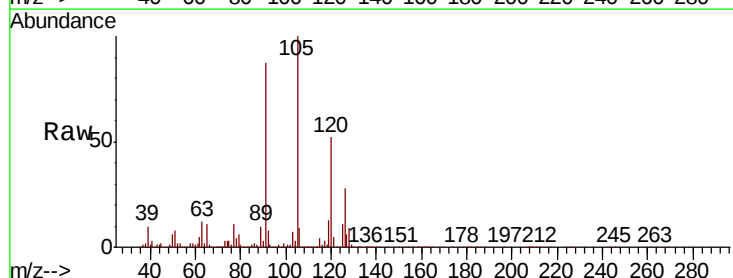
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

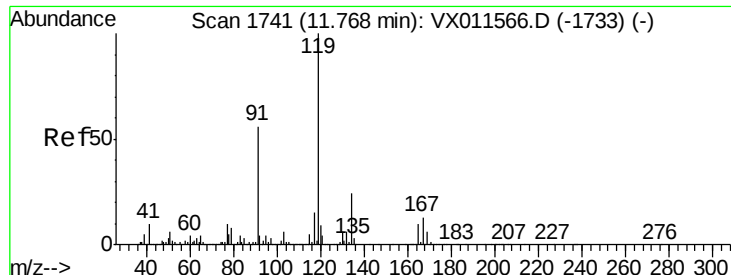
Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.2	77.4	116.0
89	48.1	37.3	55.9



#82
4-Chlorotoluene
Concen: 61.606 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.4	49.1

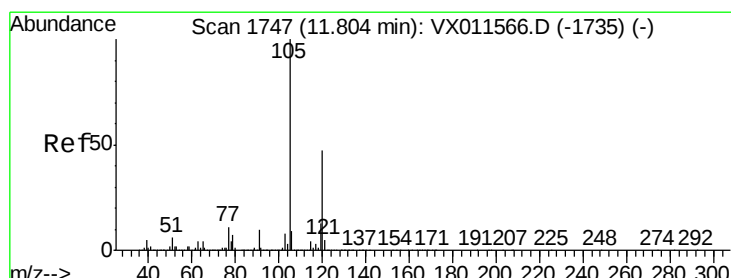
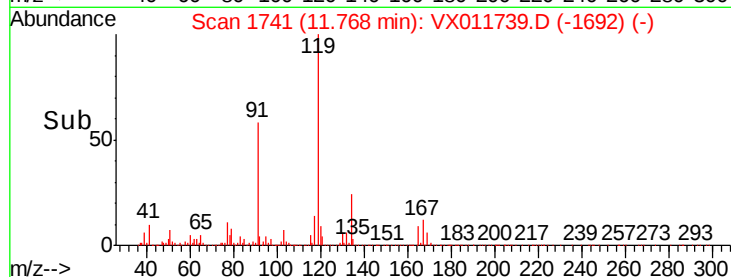
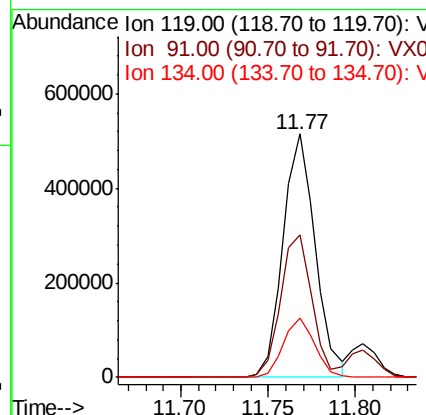
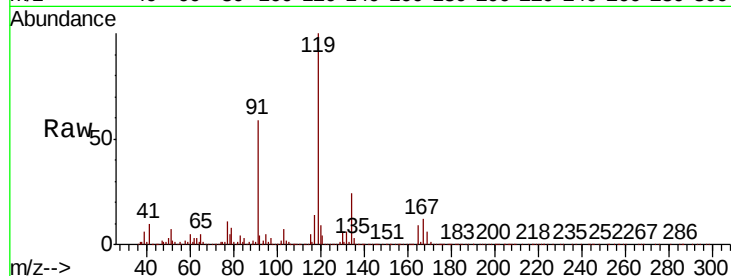




#83
 tert-Butylbenzene
 Concen: 56.560 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

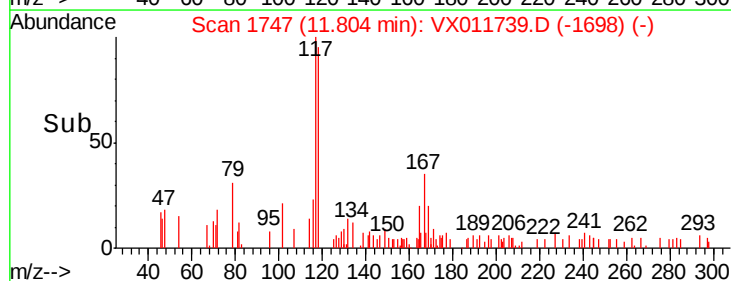
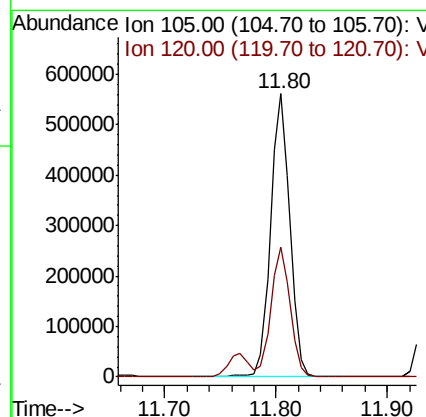
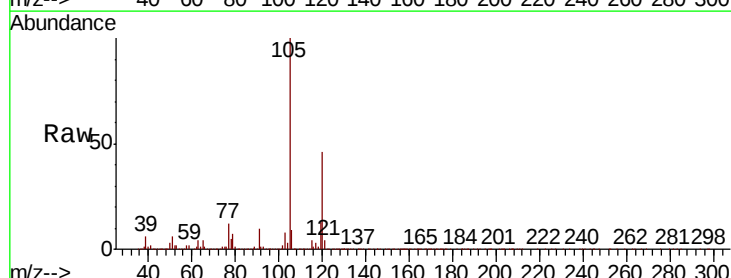
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

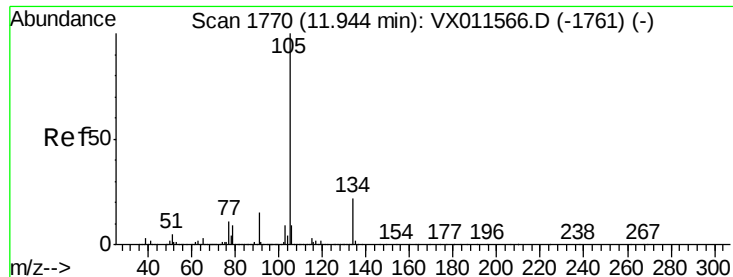
Tgt Ion:119 Resp: 665072
 Ion Ratio Lower Upper
 119 100
 91 56.5 27.1 81.3
 134 23.8 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 58.703 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

Tgt Ion:105 Resp: 680410
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.3 69.9





#85

sec-Butylbenzene

Concen: 57.531 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

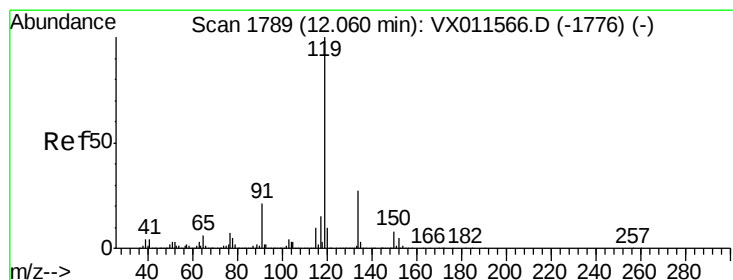
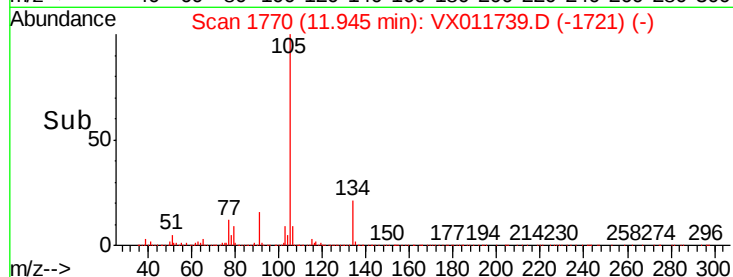
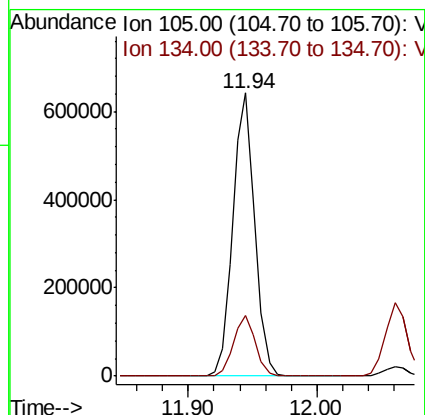
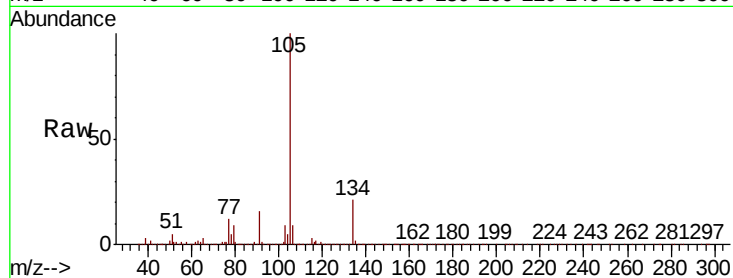
VSTDCCC050

Tgt Ion:105 Resp: 763252

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.4



#86

p-Isopropyltoluene

Concen: 58.274 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

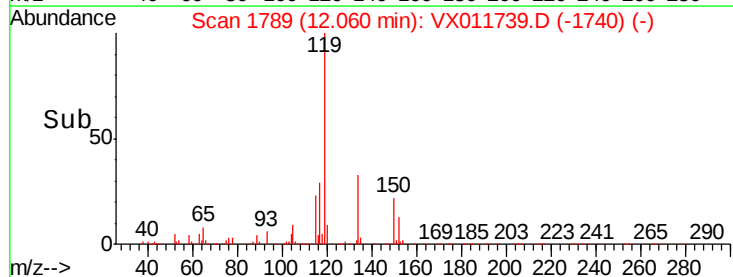
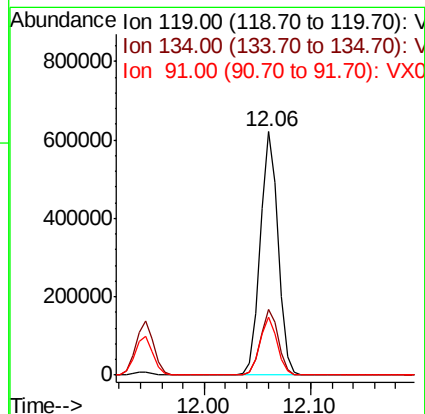
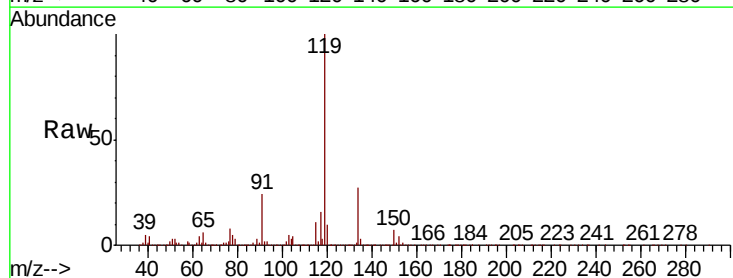
Tgt Ion:119 Resp: 727314

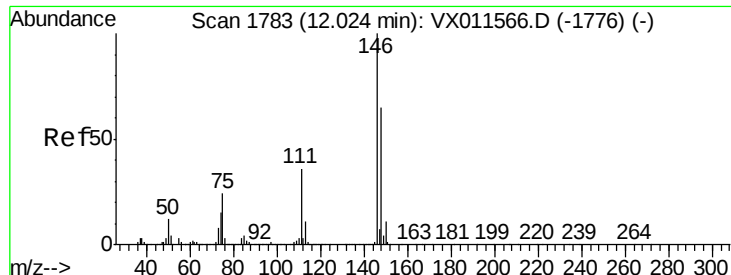
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 23.4 10.9 32.9

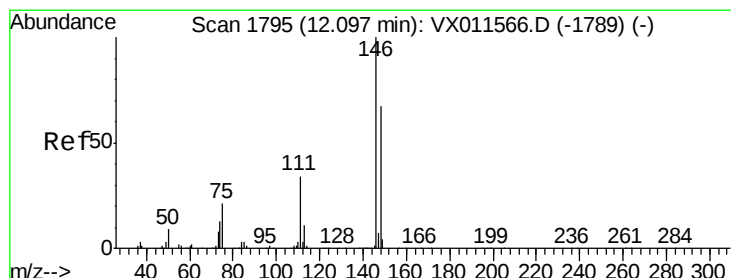
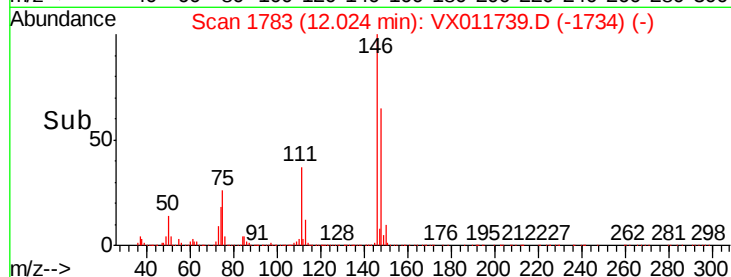
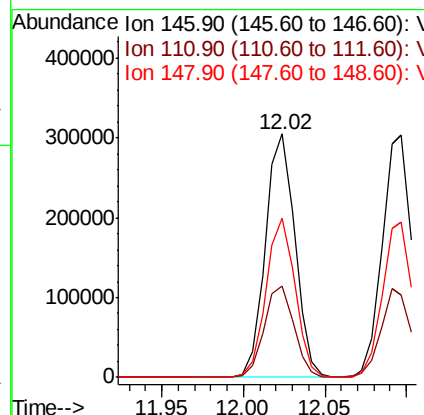
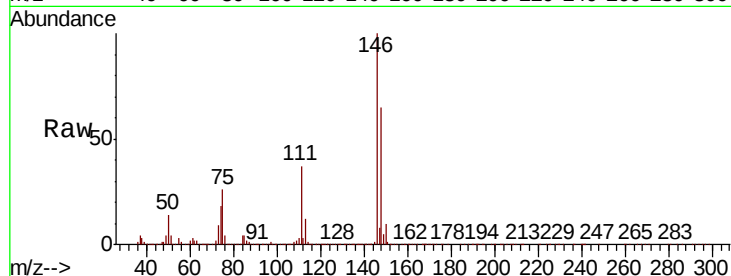




#87
 1,3-Dichlorobenzene
 Concen: 54.720 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

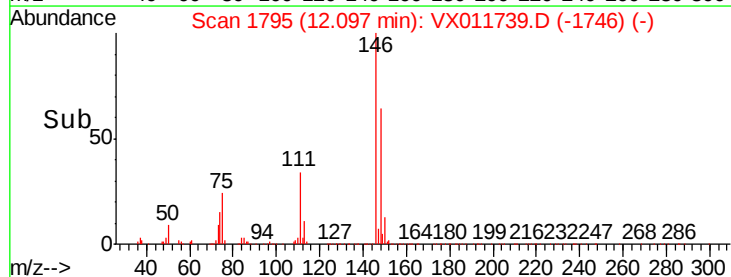
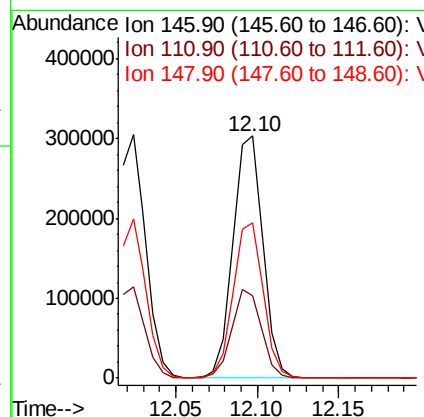
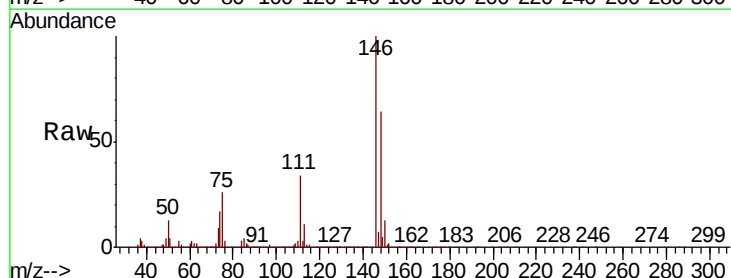
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

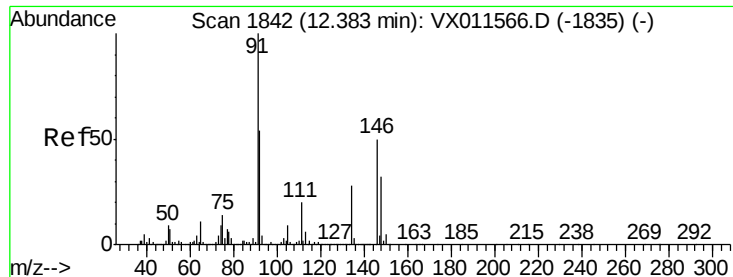
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.4
148	64.4	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 54.286 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	17.9	53.7
148	64.1	32.5	97.5

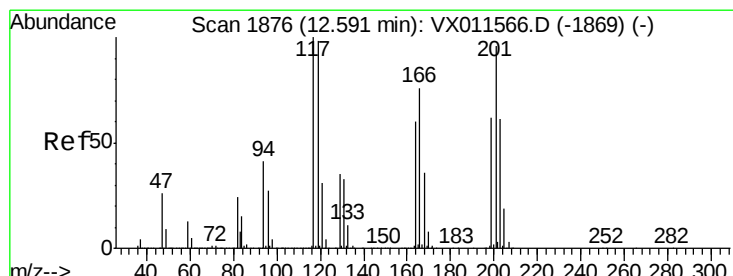
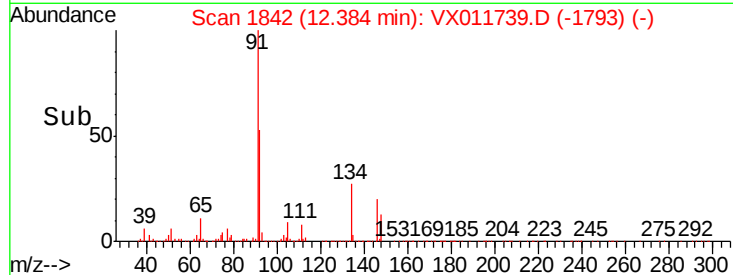
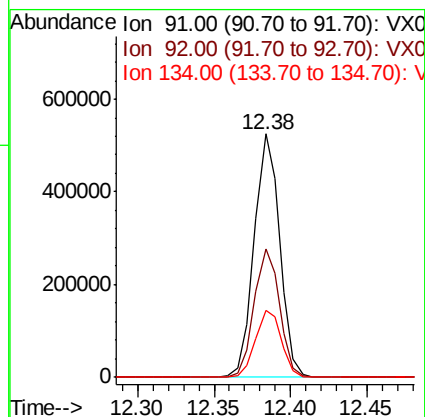
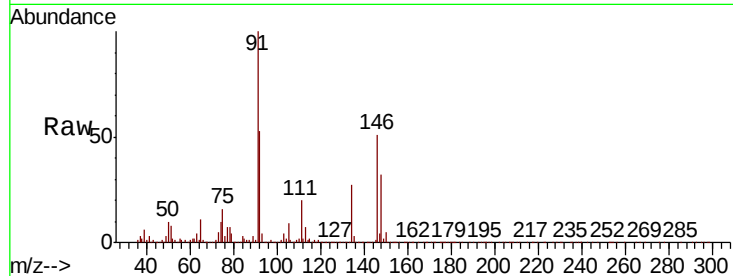




#89
n-Butylbenzene
Concen: 59.374 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

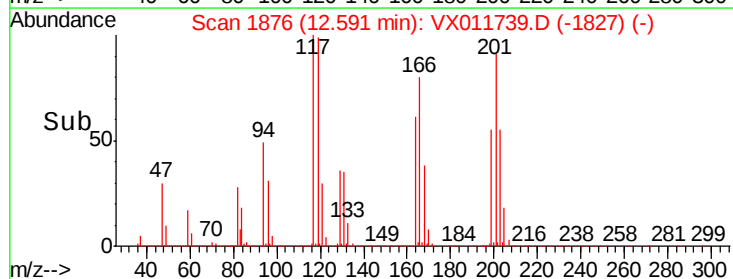
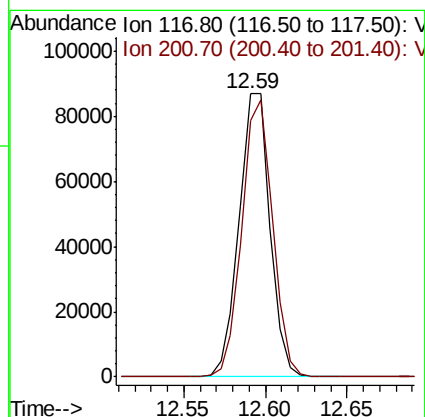
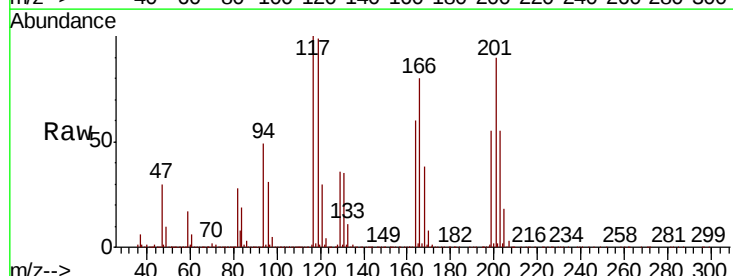
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

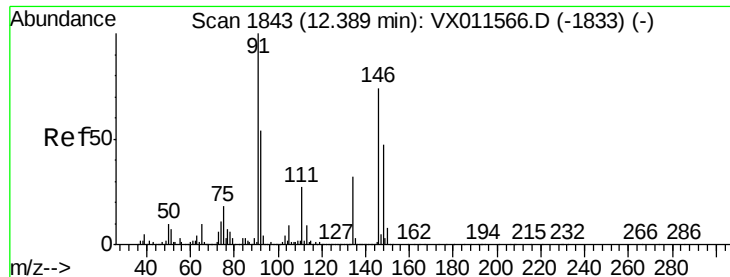
Tgt Ion:	91	Resp:	609235
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.8	80.3
134	28.2	14.6	44.0



#90
Hexachloroethane
Concen: 58.481 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion:	117	Resp:	115262
Ion	Ratio	Lower	Upper
117	100		
201	97.3	51.9	155.7





#91

1,2-Dichlorobenzene

Concen: 55.962 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

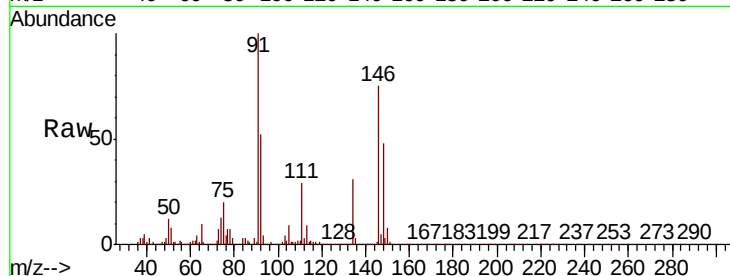
Tgt Ion:146 Resp: 394839

Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.7

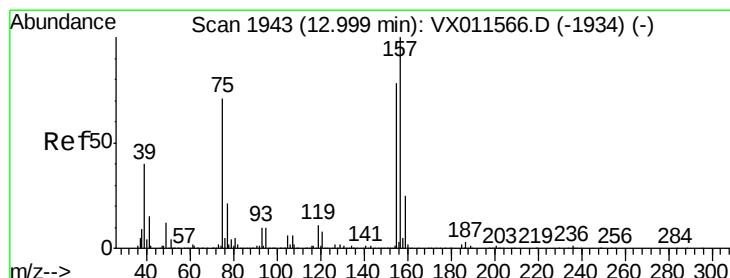
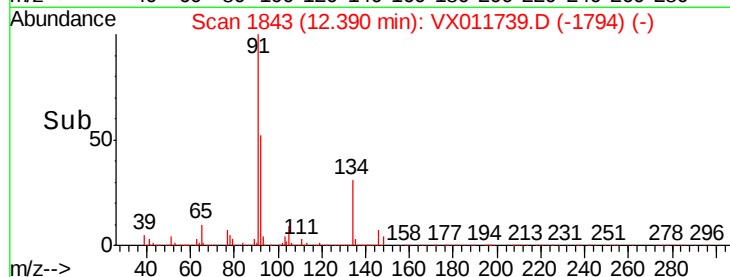
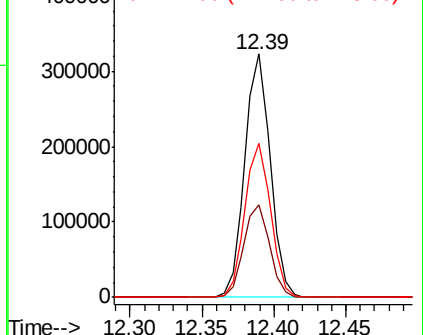
148 64.0 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.844 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011739.D

Acq: 21 Aug 2019 18:38

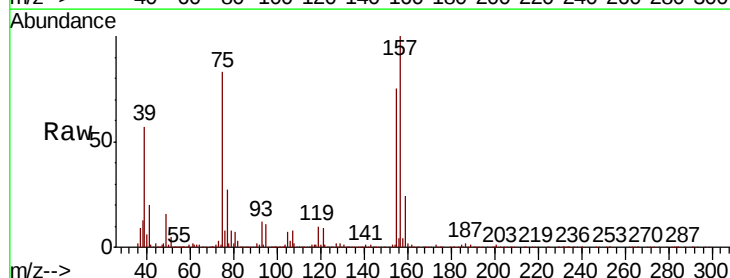
Tgt Ion: 75 Resp: 63650

Ion Ratio Lower Upper

75 100

155 96.4 53.0 159.0

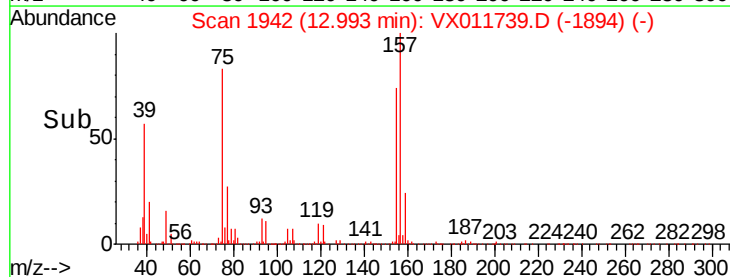
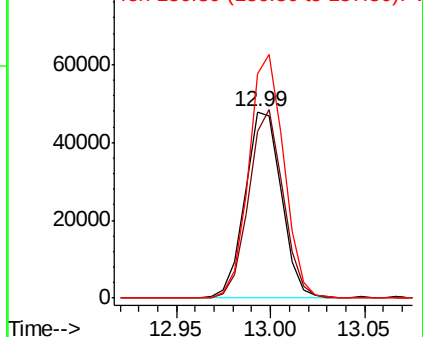
157 126.9 68.3 205.1

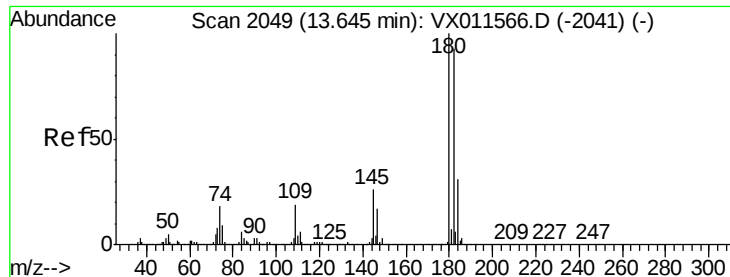


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

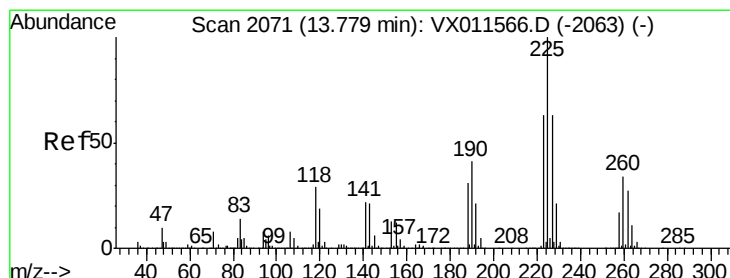
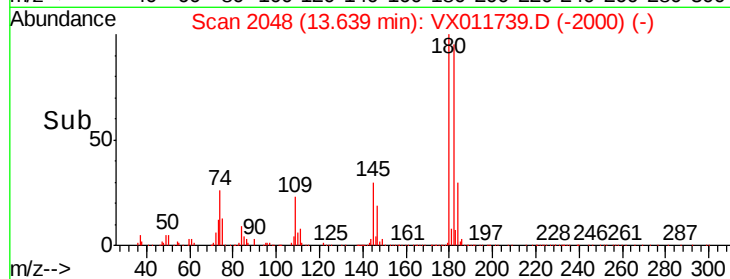
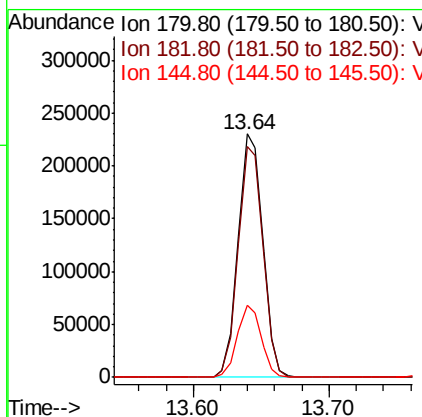
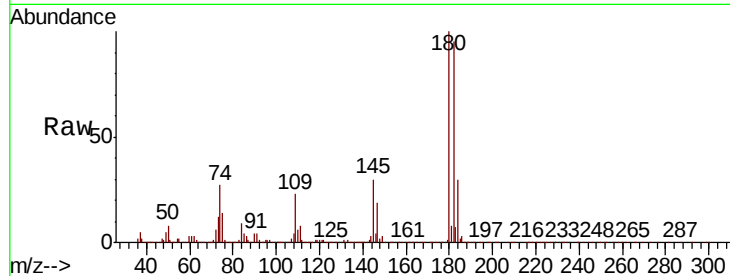




#93
 1,2,4-Trichlorobenzene
 Concen: 55.361 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

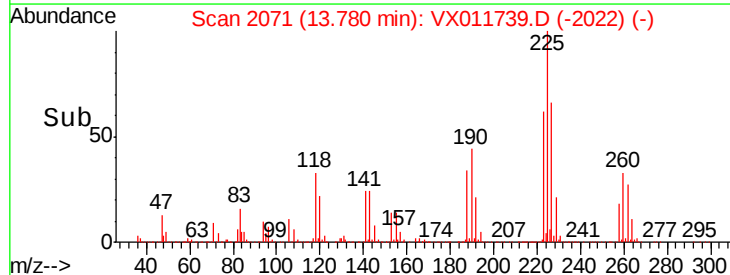
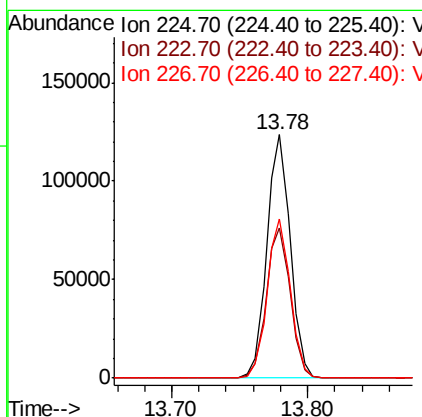
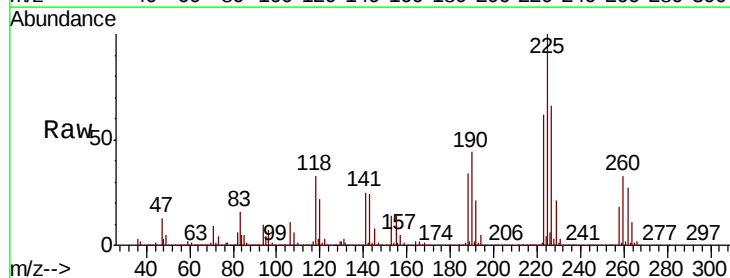
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

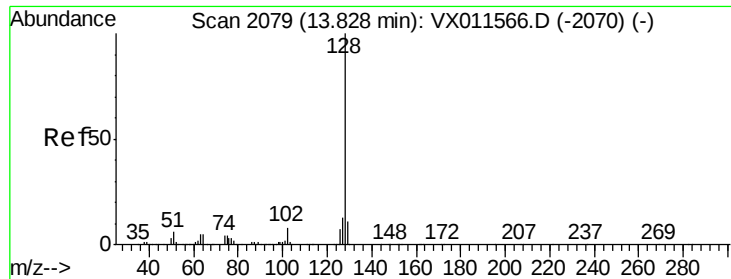
Tgt Ion:180 Resp: 291034
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.3 142.0
 145 28.8 13.6 40.8



#94
 Hexachlorobutadiene
 Concen: 52.214 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011739.D
 Acq: 21 Aug 2019 18:38

Tgt Ion:225 Resp: 149465
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.4 94.0
 227 64.8 31.2 93.6

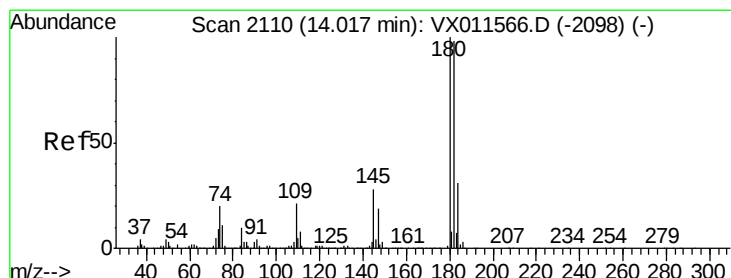
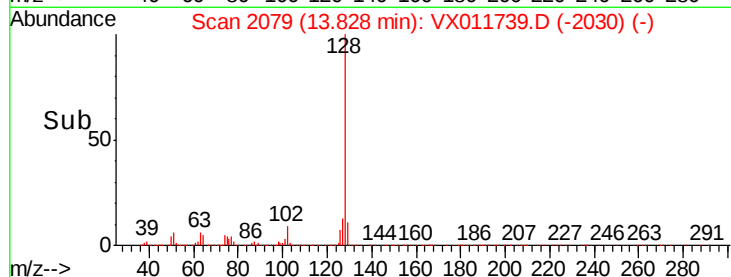
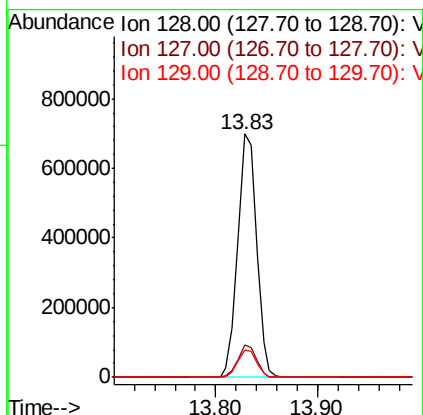
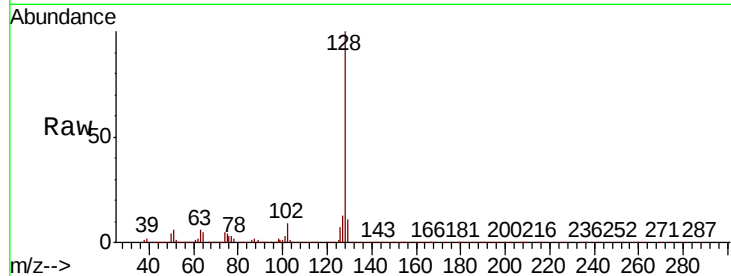




#95
Naphthalene
Concen: 59.708 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 887370
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.487 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011739.D
Acq: 21 Aug 2019 18:38

Tgt Ion:180 Resp: 294211
Ion Ratio Lower Upper
180 100
182 97.1 48.0 144.0
145 30.1 14.6 43.8

