

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
 Data File : VX007455.D
 Acq On : 08 Feb 2019 21:02
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 08 23:02:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	80878	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	431740	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	388297	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	156404	29.46	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.20%
60) 4-Bromofluorobenzene	11.13	95	179299	29.92	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.73%
63) Toluene-d8	8.71	98	515483	29.45	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	63192	17.406 ug/l	97
3) Chloromethane	1.33	50	72552	17.876 ug/l	100
4) Vinyl Chloride	1.41	62	86036	18.680 ug/l	100
5) Bromomethane	1.64	94	84308	17.562 ug/l	99
6) Chloroethane	1.73	64	59555	19.187 ug/l	96
7) Trichlorofluoromethane	1.93	101	146855	18.886 ug/l	99
8) Diethyl Ether	2.19	74	56861	19.345 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85627	18.644 ug/l	99
10) 1,1-Dichloroethene	2.38	96	79168	18.966 ug/l	97
11) Methyl Iodide	2.51	142	98096	14.485 ug/l	96
12) Methyl Acetate	2.78	43	143705	20.215 ug/l	99
13) Acrolein	2.30	56	38190	74.204 ug/l	96
14) Acrylonitrile	3.15	53	260543	97.892 ug/l	99
15) Acetone	2.45	58	71450	94.447 ug/l	96
16) Carbon Disulfide	2.57	76	182881	18.169 ug/l	97
17) Allyl chloride	2.73	41	134168	18.486 ug/l	98
18) Methylene Chloride	2.86	84	92655	19.259 ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	84748	18.749 ug/l	97
20) Diisopropyl ether	3.87	45	265279	19.633 ug/l	97
21) 1,1-Dichloroethane	3.70	63	146679	19.007 ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	96882	19.490 ug/l	96
23) tert-Butyl Alcohol	3.07	59	111941	100.082 ug/l	100
24) Methyl tert-Butyl Ether	3.20	73	286735	19.611 ug/l	99
25) Chloroform	5.22	83	158586	19.882 ug/l	97
26) Cyclohexane	5.57	56	121001	18.617 ug/l	# 99
29) 1,1-Dichloropropene	5.80	75	111326	19.780 ug/l	98
30) 2-Butanone	4.70	43	336016	99.917 ug/l	98
31) 2,2-Dichloropropane	4.59	77	93201	16.391 ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	131439	19.761 ug/l	99
33) Carbon Tetrachloride	5.78	117	113188	19.358 ug/l	94
34) Benzene	6.14	78	341514	19.672 ug/l	97
35) Methacrylonitrile	5.06	41	69848	20.348 ug/l	95
36) 1,2-Dichloroethane	6.20	62	115762	19.324 ug/l	99
37) Trichloroethene	7.21	130	102101	19.947 ug/l	96
38) Methylcyclohexane	7.46	83	132632	18.595 ug/l	97
39) 1,2-Dichloropropane	7.52	63	88322	20.287 ug/l	97
40) Dibromomethane	7.66	93	61923	19.745 ug/l	98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	106935	19.429	ug/l	96
42) Vinyl Acetate	3.82	43	1080241	94.740	ug/l	100
43) Ethyl Acetate	4.85	43	122704	19.554	ug/l	99
44) Isopropyl Acetate	6.46	43	192337	19.625	ug/l	100
45) 1,4-Dioxane	7.75	88	45152	380.185	ug/l	99
46) Methyl methacrylate	7.77	41	98463	19.649	ug/l	98
47) n-amyl Acetate	10.90	43	170233	19.754	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	109853	18.300	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	124620	18.687	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	94400	20.056	ug/l	92
51) Ethyl methacrylate	9.18	69	134758	20.036	ug/l	95
52) 1,3-Dichloropropane	9.37	76	153467	20.362	ug/l	97
53) Dibromochloromethane	9.59	129	92579	19.460	ug/l	98
54) 1,2-Dibromoethane	9.67	107	102508	20.230	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	355726	96.145	ug/l	99
56) Bromoform	10.85	173	68312	18.911	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	662402	102.018	ug/l	99
59) 2-Hexanone	9.49	43	504672	100.441	ug/l	99
61) Tetrachloroethene	9.34	164	107259	19.817	ug/l	96
62) Toluene	8.78	91	389656	19.936	ug/l	99
64) Chlorobenzene	10.14	112	258892	20.079	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	92974	20.358	ug/l	97
66) Ethyl Benzene	10.25	91	417852	19.732	ug/l	99
67) m/p-Xylenes	10.36	106	329134	39.357	ug/l	98
68) o-Xylene	10.69	106	160941	19.646	ug/l	99
69) Styrene	10.71	104	258766	19.579	ug/l	99
70) Isopropylbenzene	11.02	105	433158	19.972	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	141065	20.315	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	155005	23.743	ug/l	93
73) Bromobenzene	11.26	156	117638	19.597	ug/l	98
74) n-propylbenzene	11.36	91	476548	19.524	ug/l	99
75) 2-Chlorotoluene	11.42	91	289537	20.003	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	347717	19.210	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	33588	17.708	ug/l	97
78) 4-Chlorotoluene	11.51	91	323410	19.190	ug/l	99
79) tert-butylbenzene	12.06	119	379154	19.360	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	365103	19.920	ug/l	99
81) sec-Butylbenzene	11.94	105	423545	19.405	ug/l	99
82) p-Isopropyltoluene	12.06	119	379154	19.360	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	208390	19.529	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	209446	19.619	ug/l	99
85) n-Butylbenzene	12.38	91	304957	18.144	ug/l	99
86) Hexachloroethane	12.60	117	56209	18.563	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	211760	19.930	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	26491	18.717	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	138108	18.934	ug/l	99
90) Hexachlorobutadiene	13.78	225	66834	19.211	ug/l	98
91) Naphthalene	13.83	128	435898	19.742	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	141885	19.617	ug/l	99

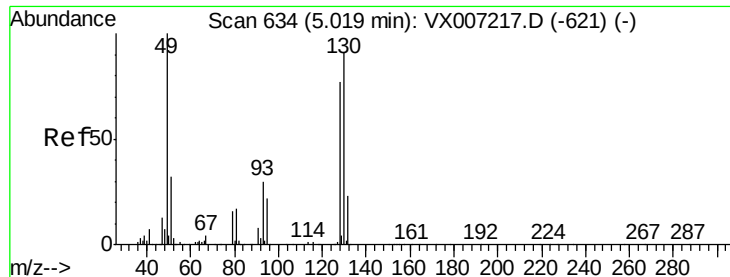
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QLast Update : Mon Jan 28 10:35:22 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

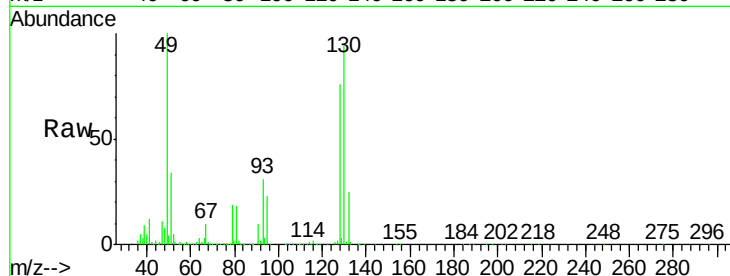
Tot Ion:128 Resp: 80878

Ion Ratio Lower Upper

128 100

49 134.3 0.0 345.5

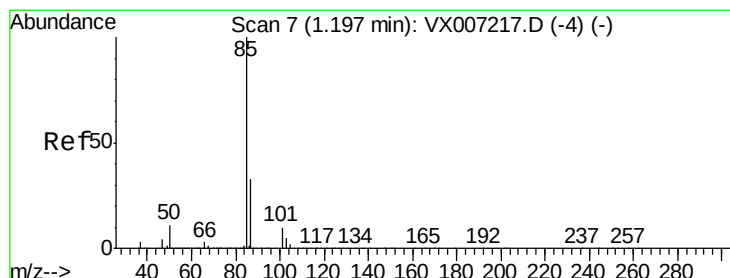
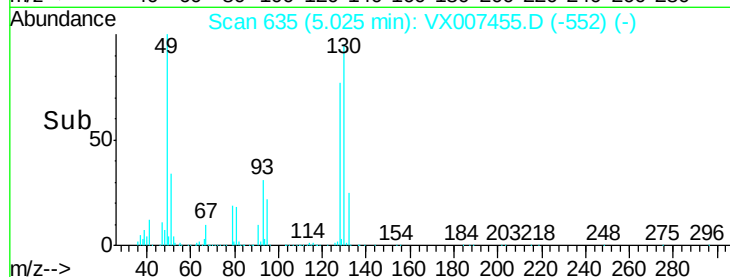
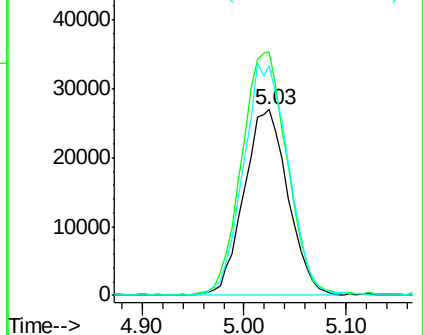
130 127.5 0.0 320.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.406 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007455.D

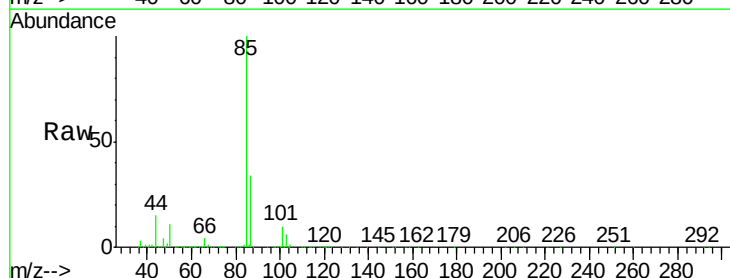
Acq: 08 Feb 2019 21:02

Tgt Ion: 85 Resp: 63192

Ion Ratio Lower Upper

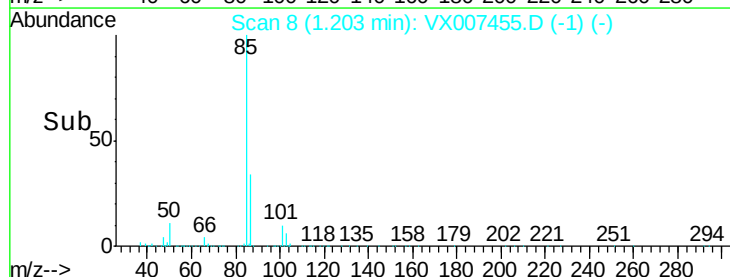
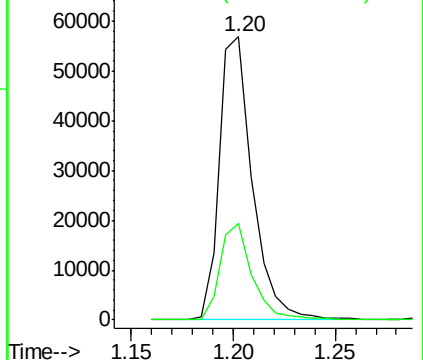
85 100

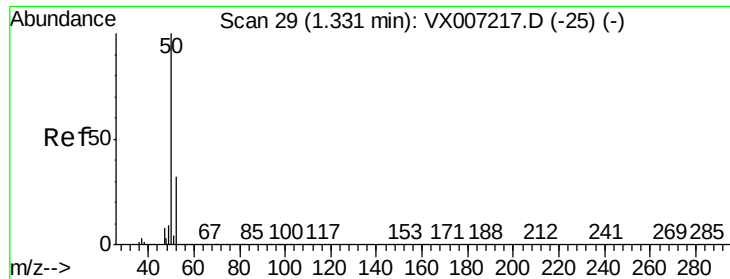
87 34.2 16.4 49.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

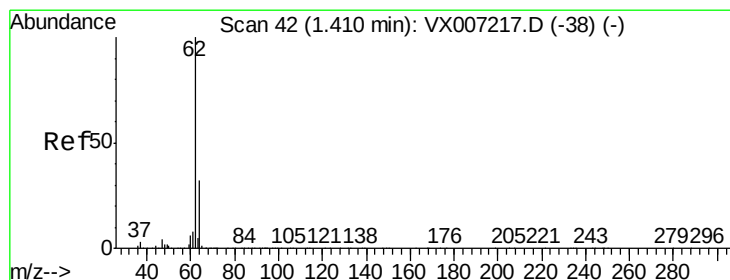
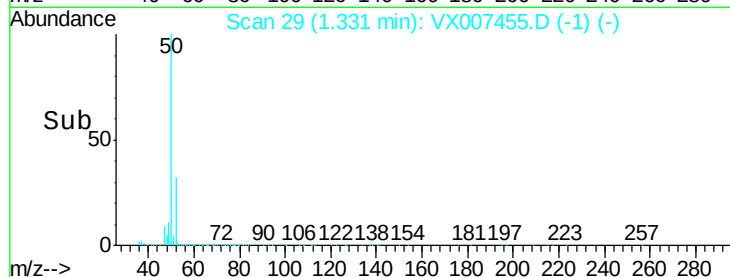
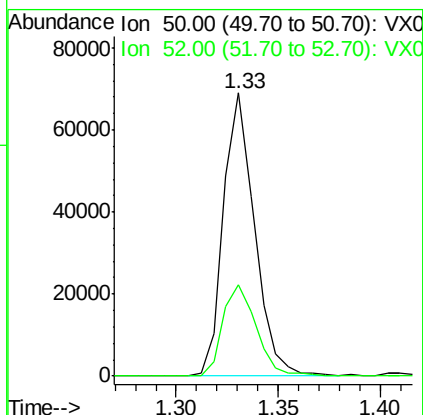
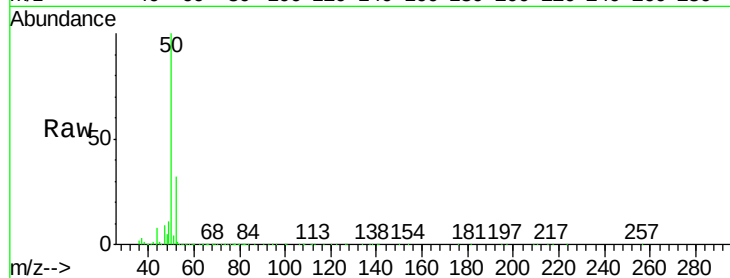




#3
Chloromethane
Concen: 17.876 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

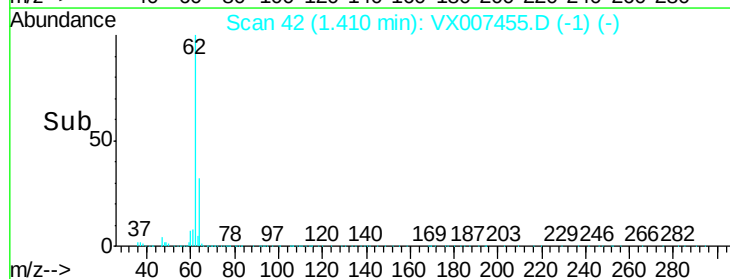
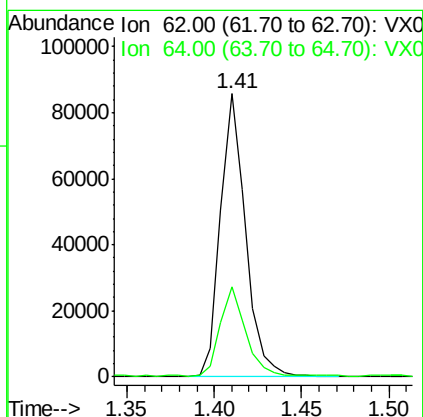
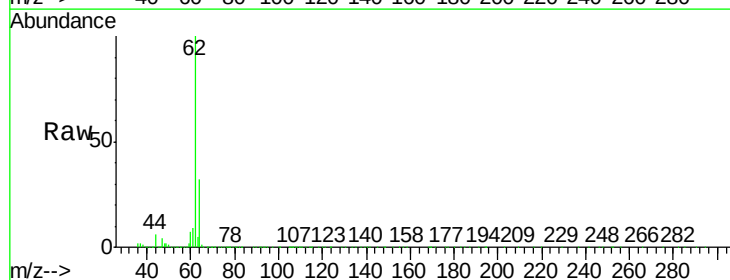
Instrument :
MSVOA_X
ClientSampleId :

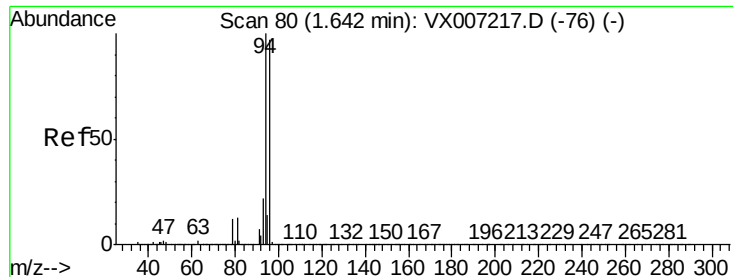
Tot Ion: 50 Resp: 72552
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5



#4
Vinyl Chloride
Concen: 18.680 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion: 62 Resp: 86036
Ion Ratio Lower Upper
62 100
64 31.6 25.5 38.3





#5

Bromomethane

Concen: 17.562 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

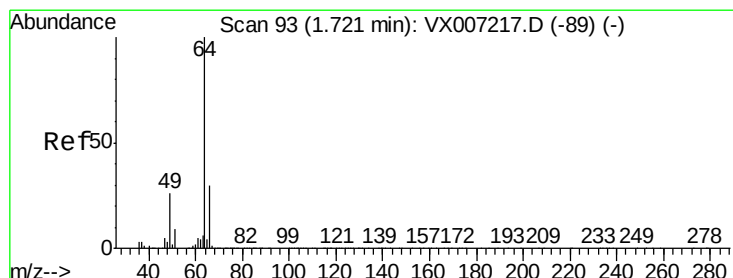
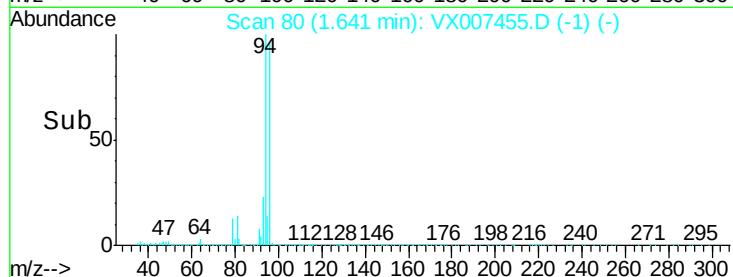
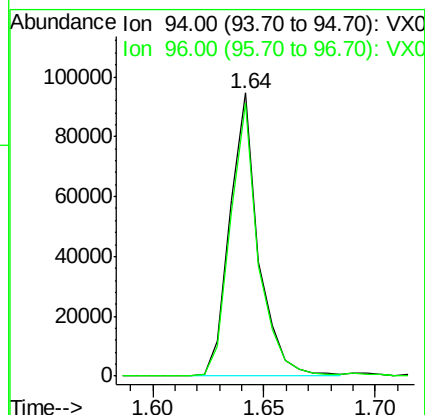
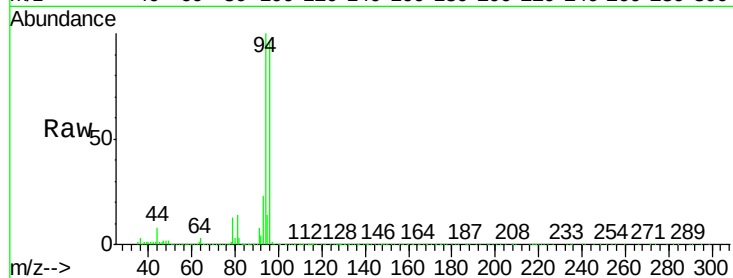
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 84308

Ion Ratio Lower Upper

94 100

96 96.1 77.4 116.2



#6

Chloroethane

Concen: 19.187 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007455.D

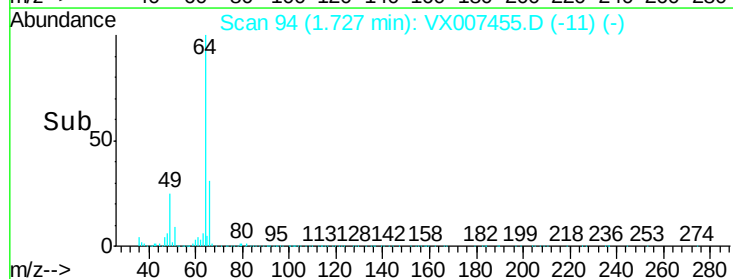
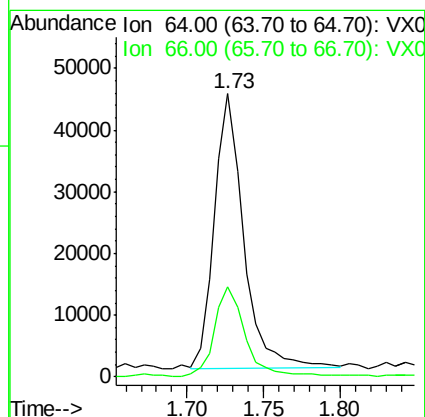
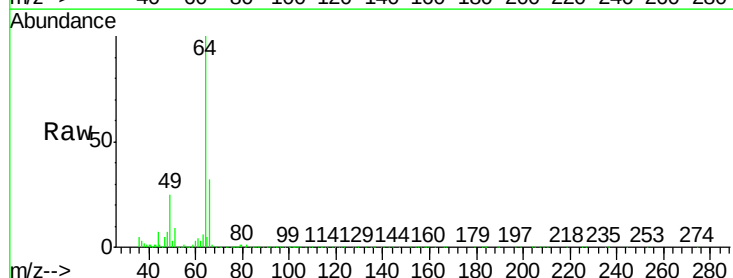
Acq: 08 Feb 2019 21:02

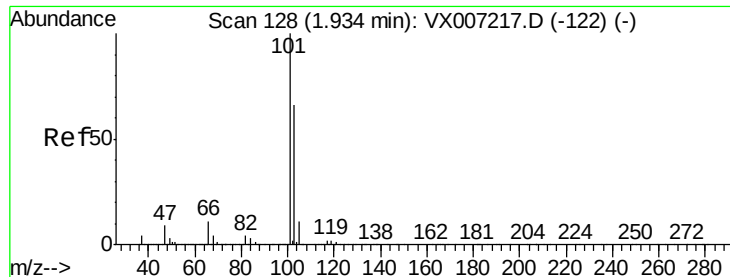
Tgt Ion: 64 Resp: 59555

Ion Ratio Lower Upper

64 100

66 32.6 24.2 36.2



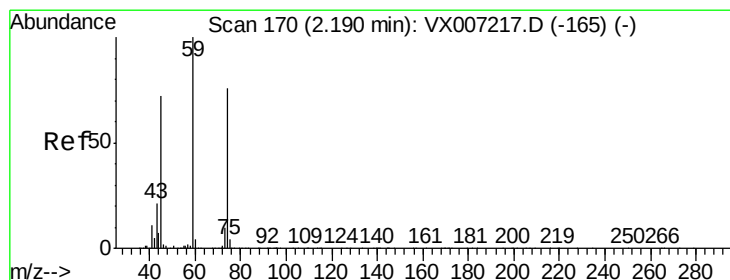
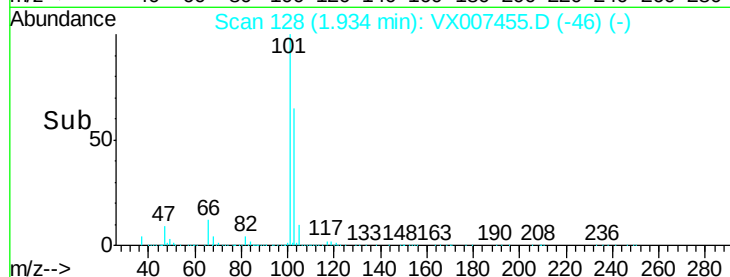
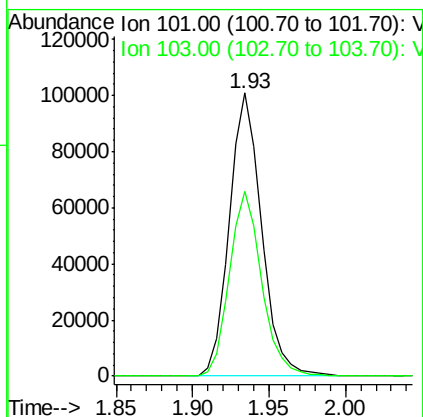
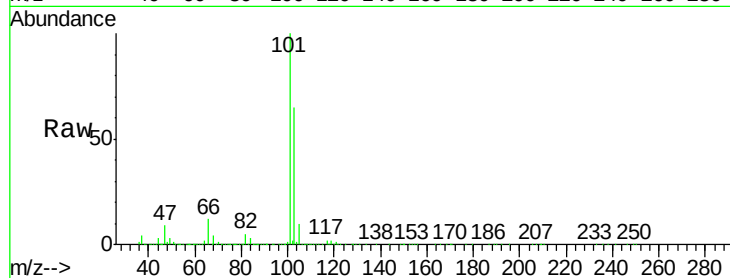


#7

Trichlorofluoromethane
Concen: 18.886 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :

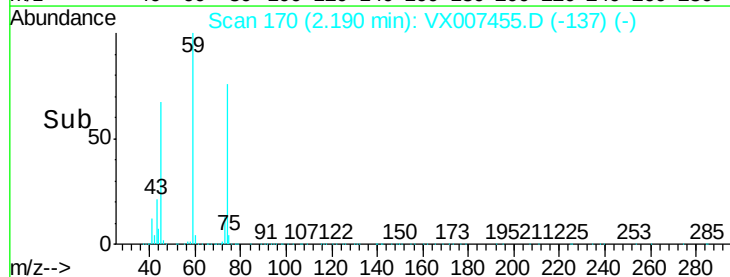
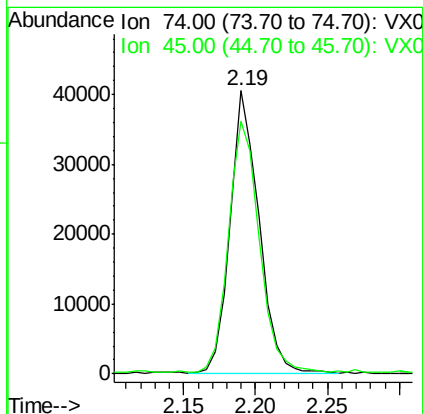
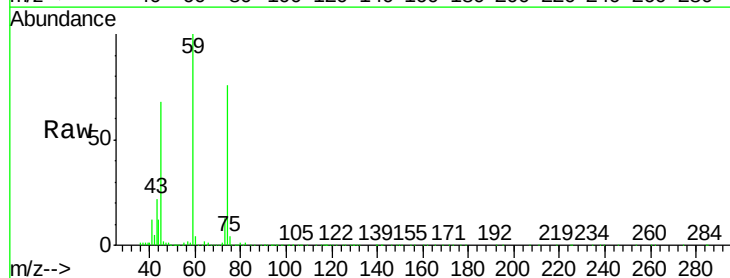
Tot Ion:101 Resp: 146855
Ion Ratio Lower Upper
101 100
103 65.2 52.6 78.8

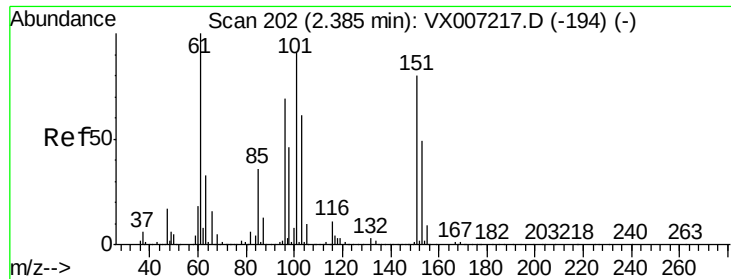


#8

Diethyl Ether
Concen: 19.345 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion: 74 Resp: 56861
Ion Ratio Lower Upper
74 100
45 95.3 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.644 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007455.D

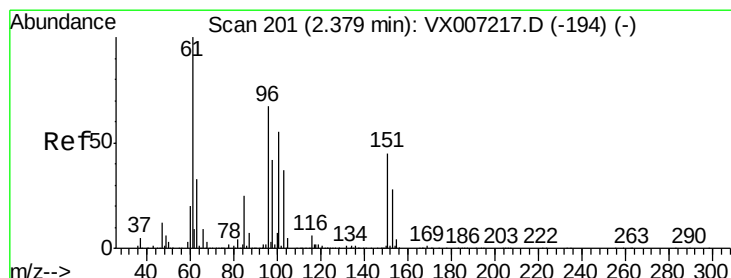
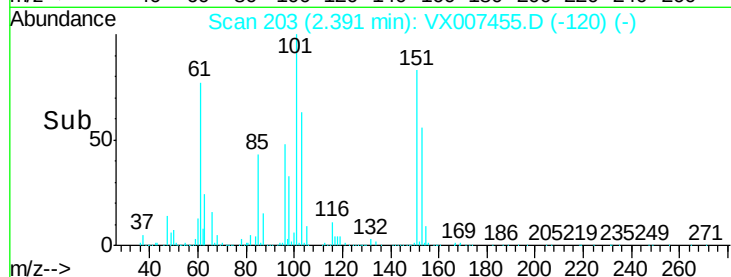
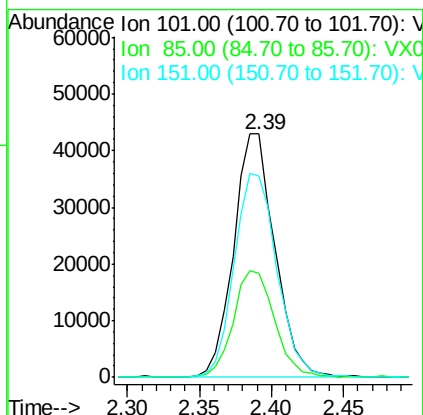
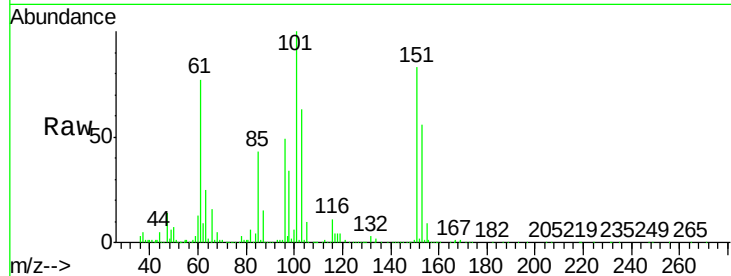
Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	85627
Ion	Ratio	Lower	Upper
101	100		
85	43.9	0.0	87.4
151	86.8	0.0	176.4



#10

1,1-Dichloroethene

Concen: 18.966 ug/l

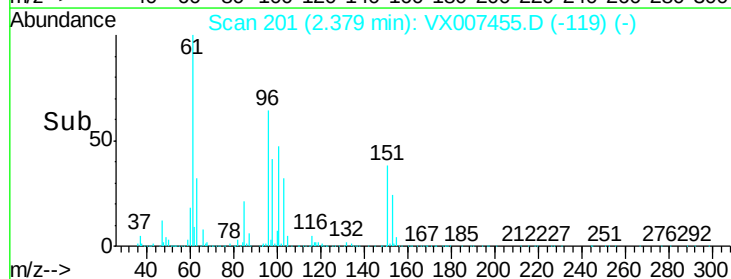
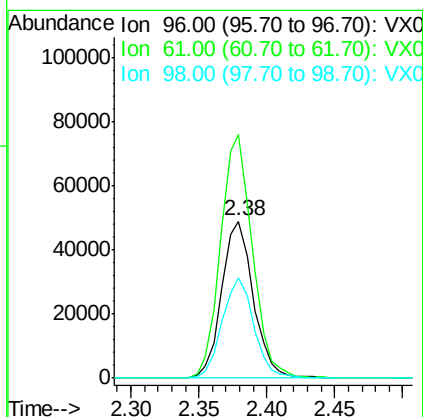
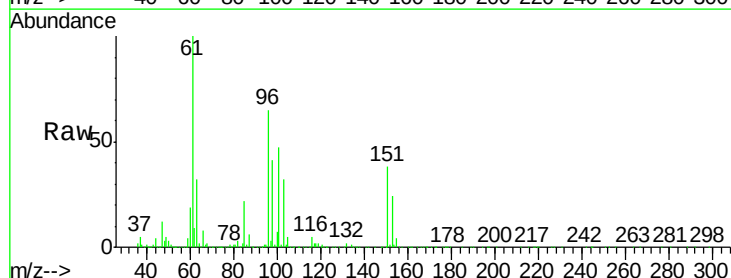
RT: 2.38 min Scan# 201

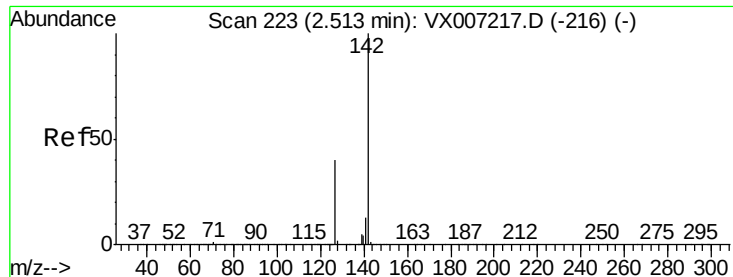
Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Tgt Ion:	96	Resp:	79168
Ion	Ratio	Lower	Upper
96	100		
61	154.8	119.6	179.4
98	64.0	50.9	76.3

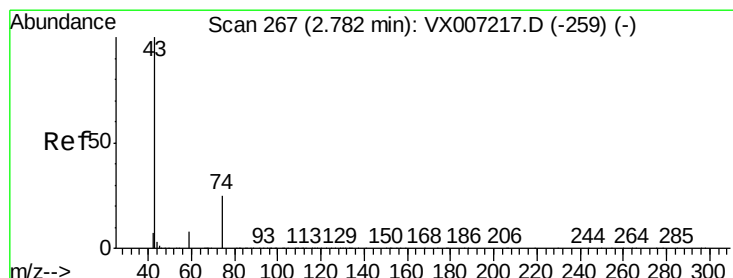
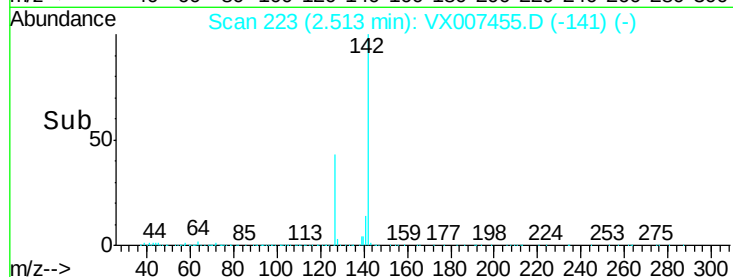
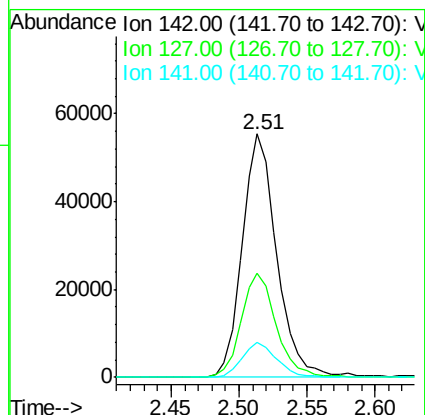
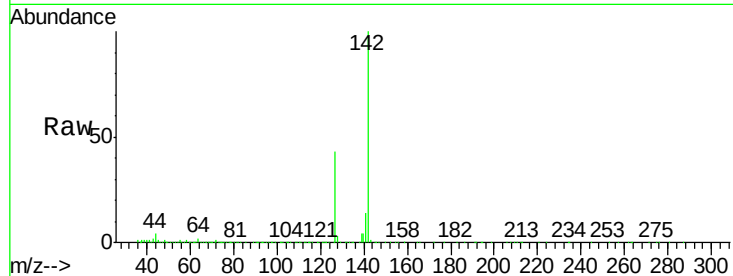




#11
Methvl Iodide
Concen: 14.485 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

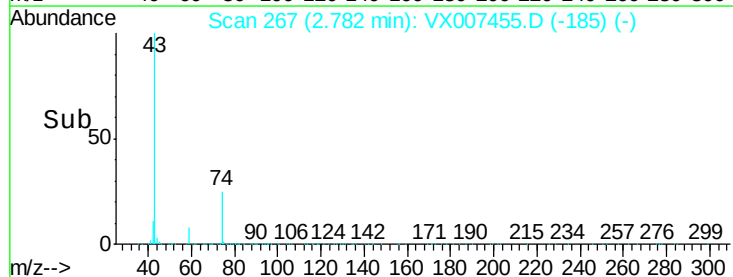
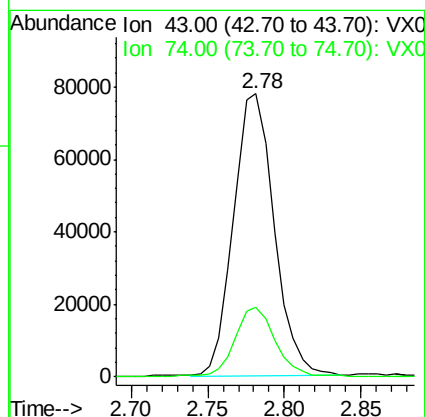
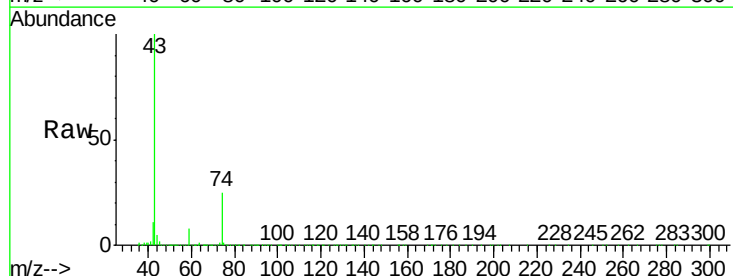
Instrument :
MSVOA_X
ClientSampleId :

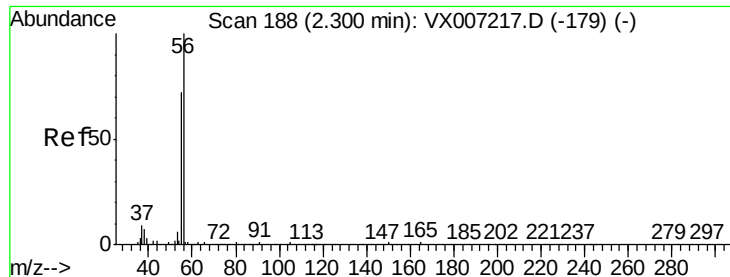
Tot Ion:142 Resp: 98096
Ion Ratio Lower Upper
142 100
127 42.6 20.0 59.9
141 14.1 6.3 19.1



#12
Methyl Acetate
Concen: 20.215 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion: 43 Resp: 143705
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.8





#13

Acrolein

Concen: 74.204 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

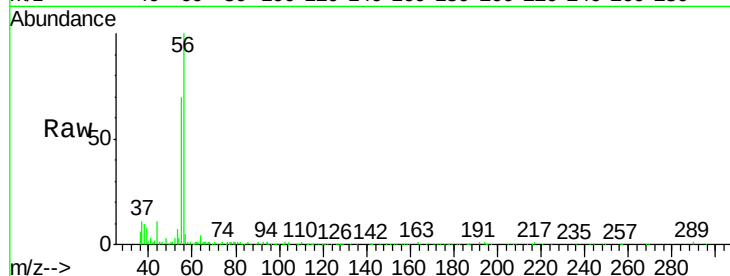
ClientSampleId :

Tot Ion: 56 Resp: 38190

Ion Ratio Lower Upper

56 100

55 69.5 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

5000

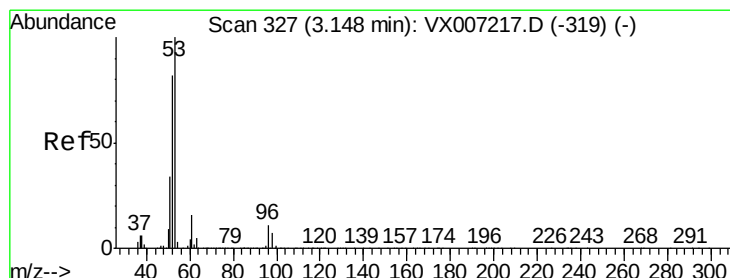
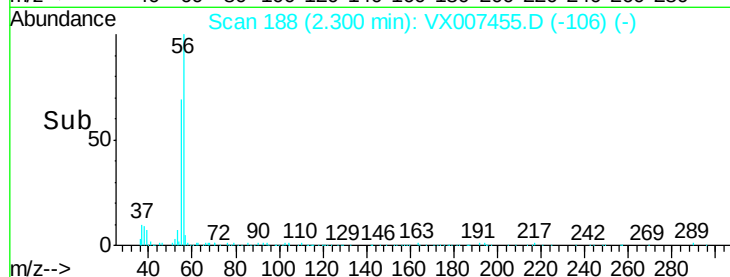
0

2.25

2.30

2.35

Time-->



#14

Acrylonitrile

Concen: 97.892 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

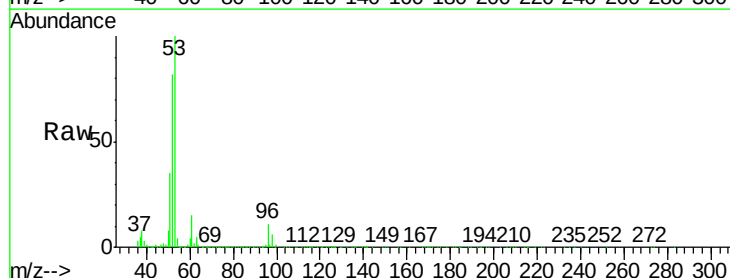
Tgt Ion: 53 Resp: 260543

Ion Ratio Lower Upper

53 100

52 81.1 41.3 124.1

51 36.3 17.9 53.8



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

150000

100000

50000

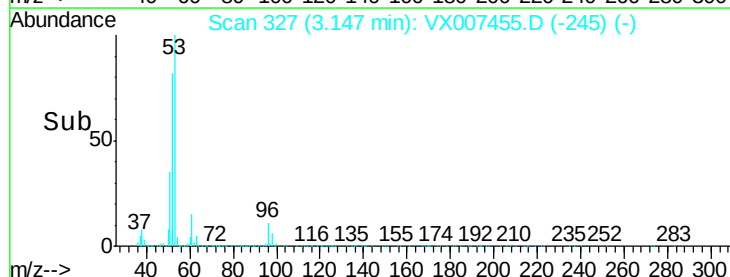
0

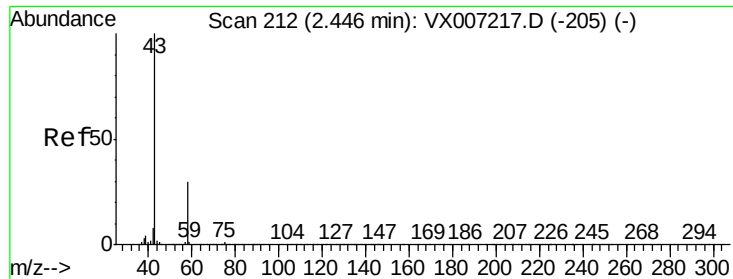
3.10

3.15

3.20

Time-->





#15

Acetone

Concen: 94.447 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

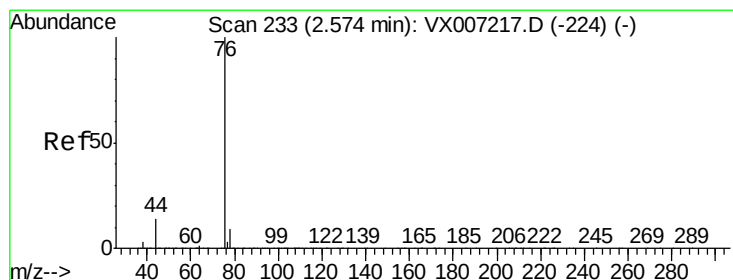
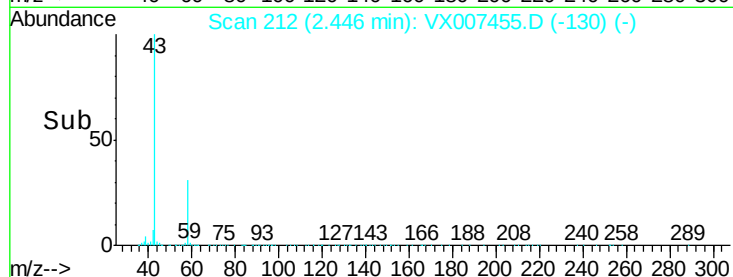
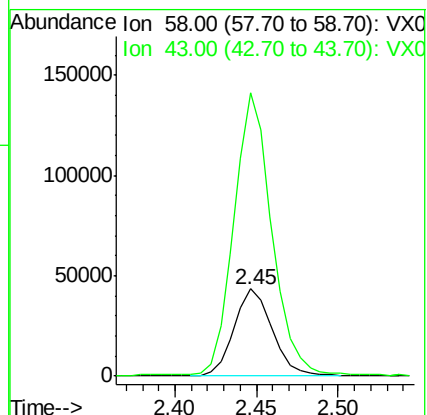
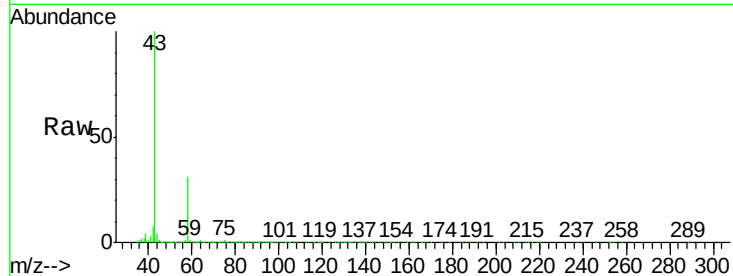
ClientSampleId :

Tot Ion: 58 Resp: 71450

Ion Ratio Lower Upper

58 100

43 324.0 265.9 398.9



#16

Carbon Disulfide

Concen: 18.169 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007455.D

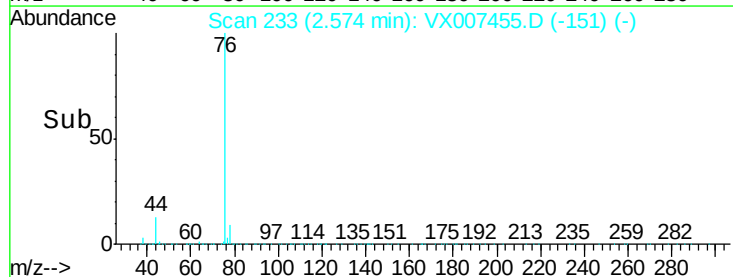
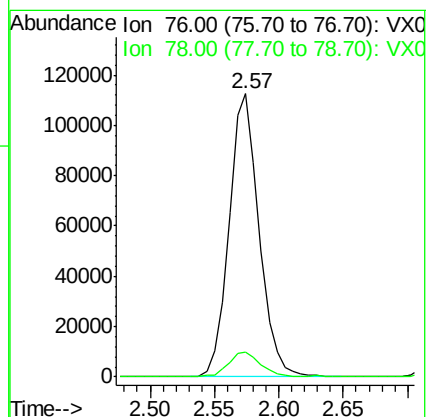
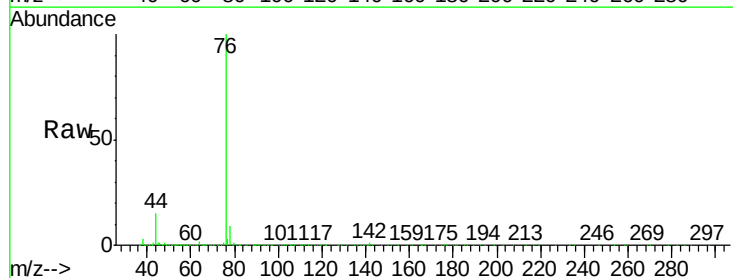
Acq: 08 Feb 2019 21:02

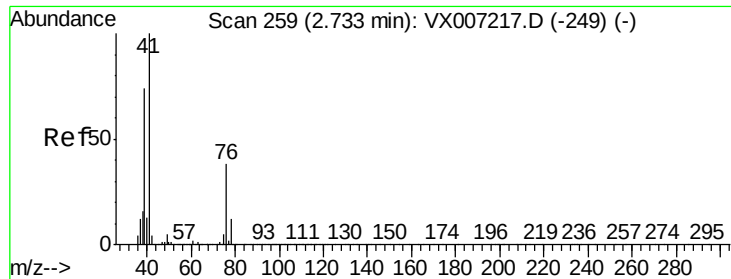
Tgt Ion: 76 Resp: 182881

Ion Ratio Lower Upper

76 100

78 8.5 7.7 11.5

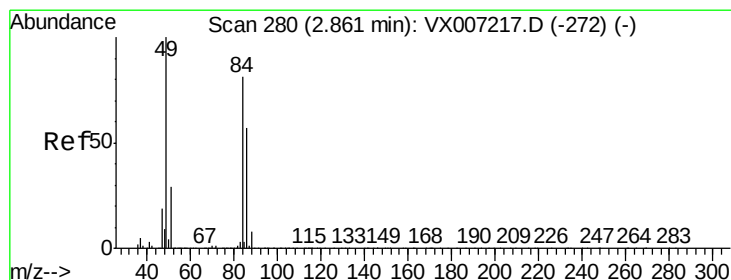
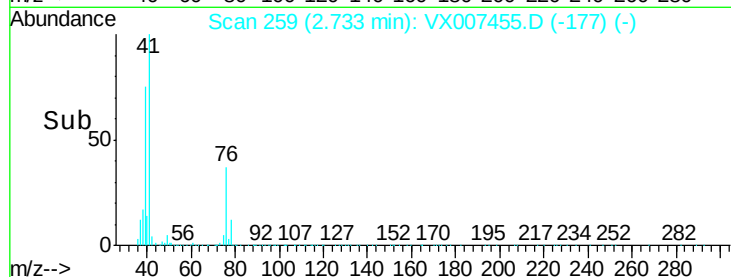
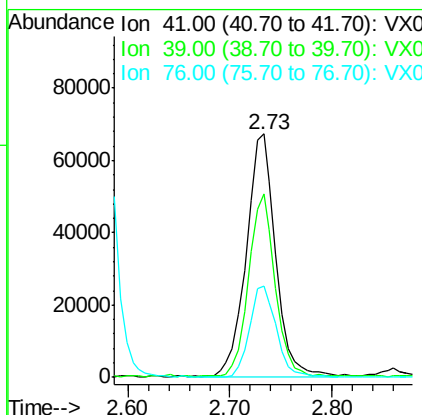
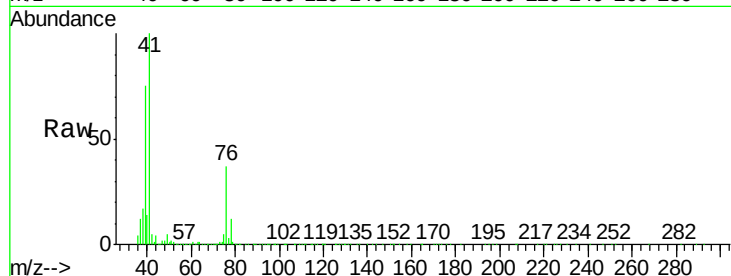




#17
Allvl chloride
Concen: 18.486 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

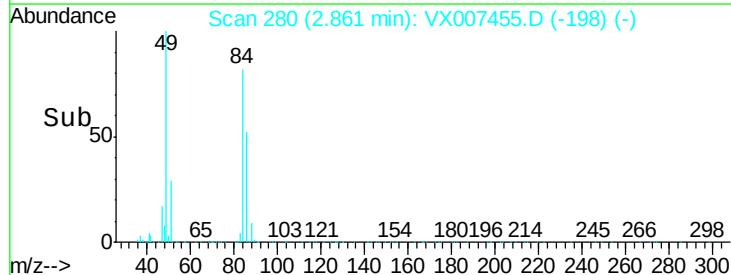
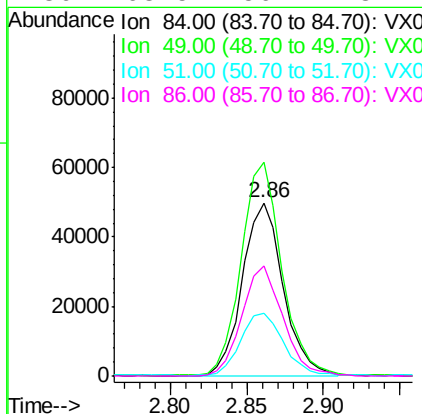
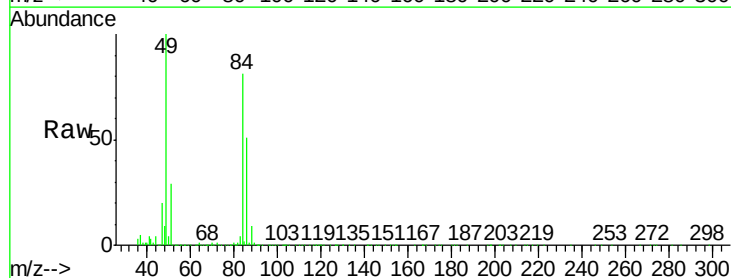
Instrument :
MSVOA_X
ClientSampleId :

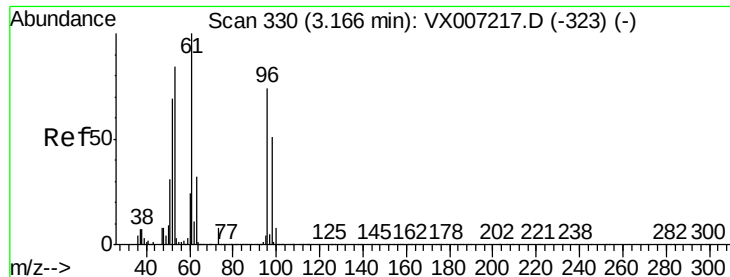
Tot Ion: 41 Resp: 134168
Ion Ratio Lower Upper
41 100
39 75.3 37.0 111.0
76 37.1 19.3 57.8



#18
Methylene Chloride
Concen: 19.259 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion: 84 Resp: 92655
Ion Ratio Lower Upper
84 100
49 122.8 98.4 147.6
51 36.0 28.9 43.3
86 63.5 56.1 84.1





#19

trans-1,2-Dichloroethene

Concen: 18.749 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :

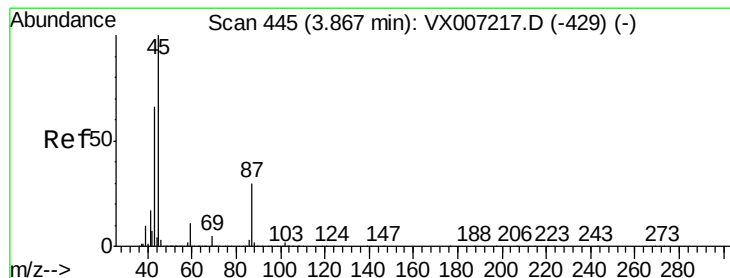
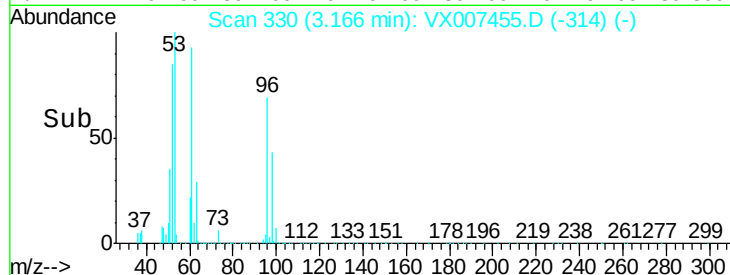
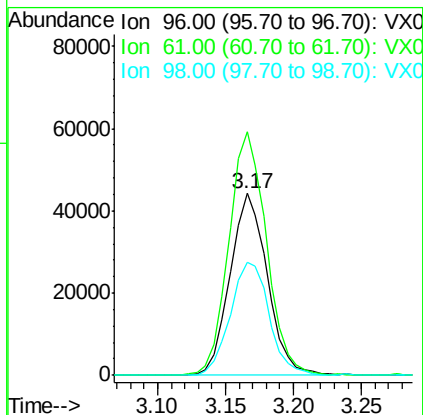
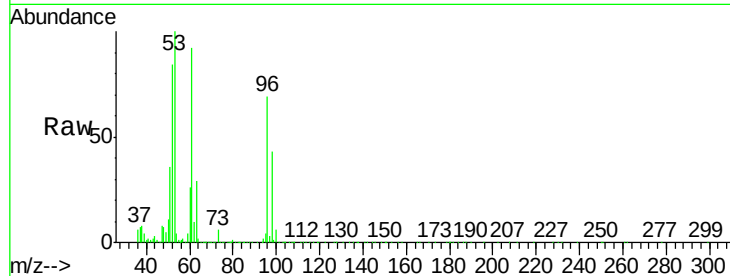
Tot Ion: 96 Resp: 84748

Ion Ratio Lower Upper

96 100

61 133.4 107.8 161.6

98 62.1 54.9 82.3



#20

Diisopropyl ether

Concen: 19.633 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Tgt Ion: 45 Resp: 265279

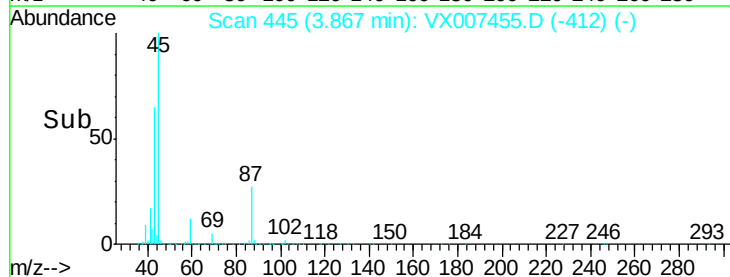
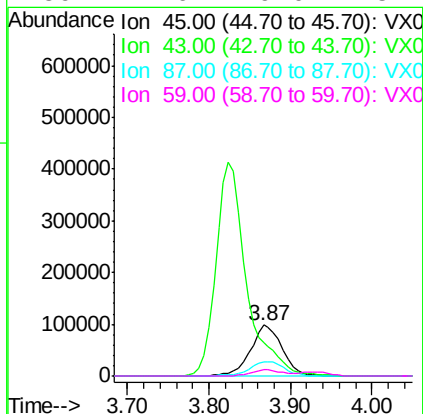
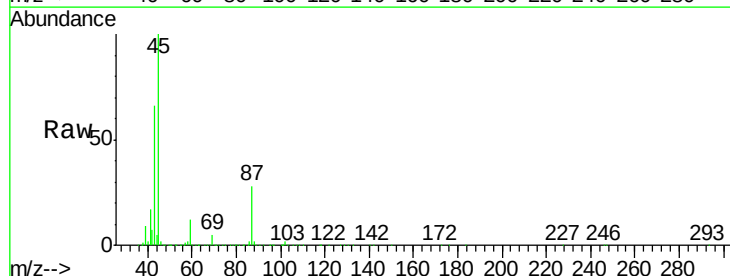
Ion Ratio Lower Upper

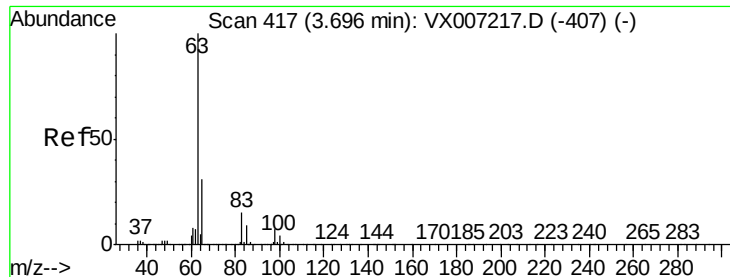
45 100

43 64.7 53.1 79.7

87 27.5 23.7 35.5

59 11.6 9.0 13.4





#21

1,1-Dichloroethane

Concen: 19.007 ug/l

RT: 3.70 min Scan# 417

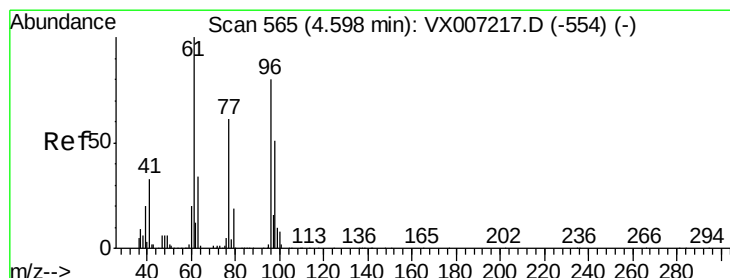
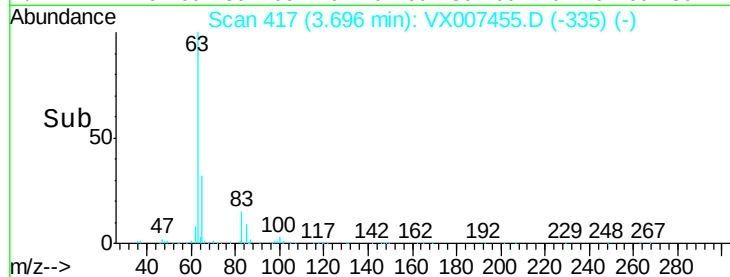
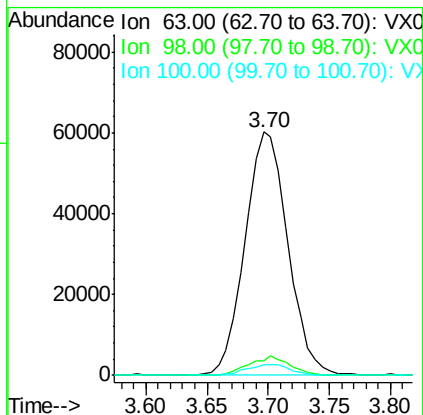
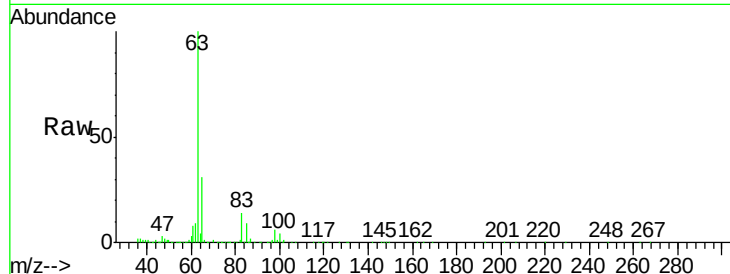
Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	146679
Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.3	9.9
100	4.3	2.1	6.2



#22

cis-1,2-Dichloroethene

Concen: 19.490 ug/l

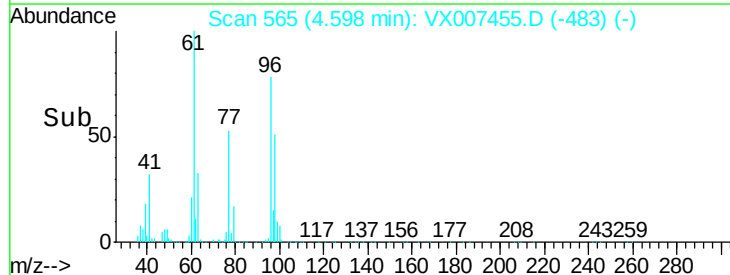
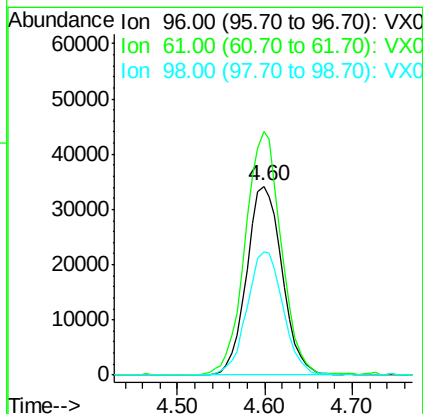
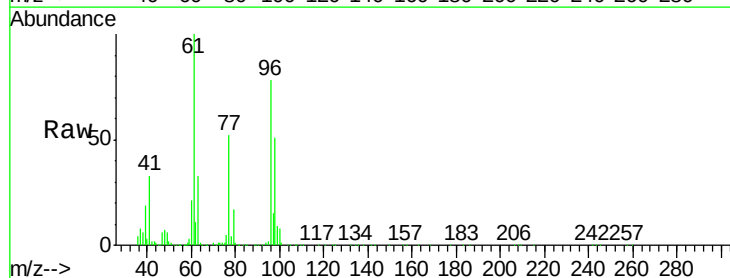
RT: 4.60 min Scan# 565

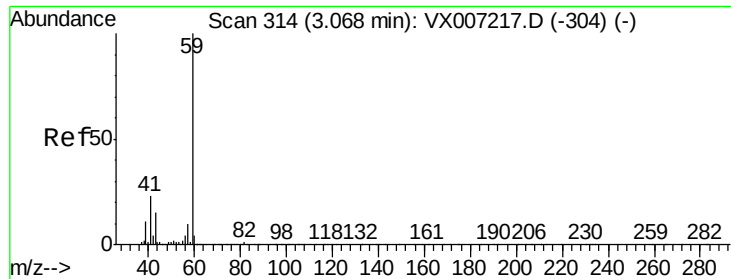
Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Tgt Ion:	96	Resp:	96882
Ion	Ratio	Lower	Upper
96	100		
61	129.1	108.1	162.1
98	66.1	51.9	77.9



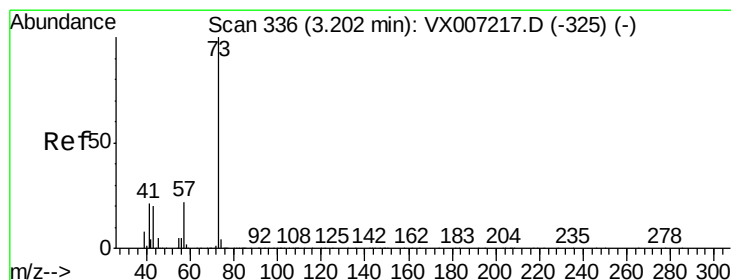
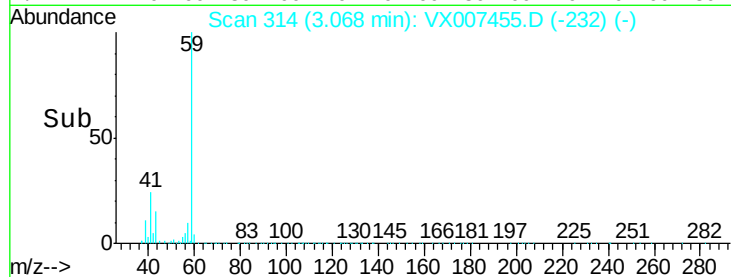
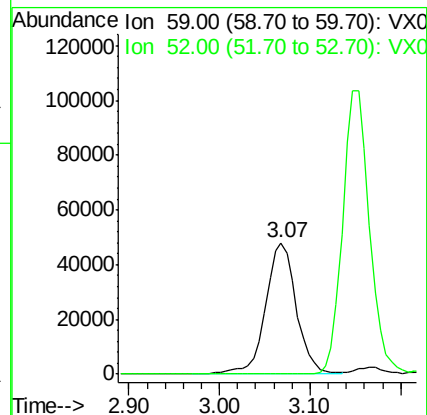
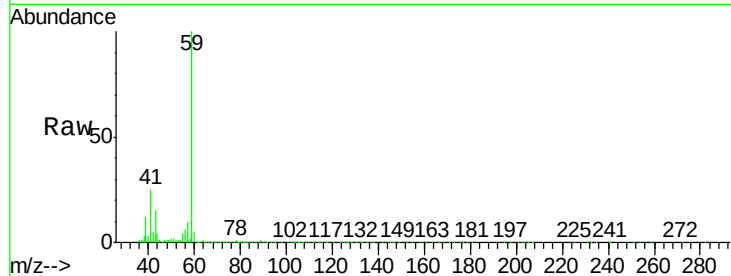


#23

tert-Butyl Alcohol
Concen: 100.082 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampled :

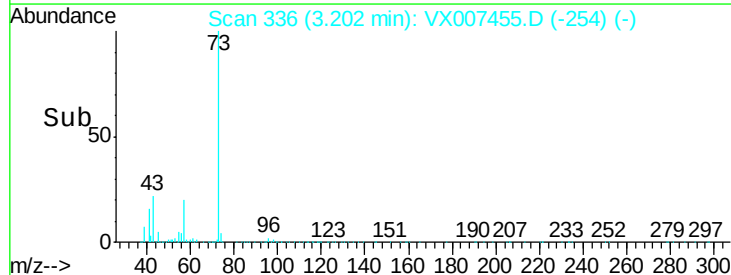
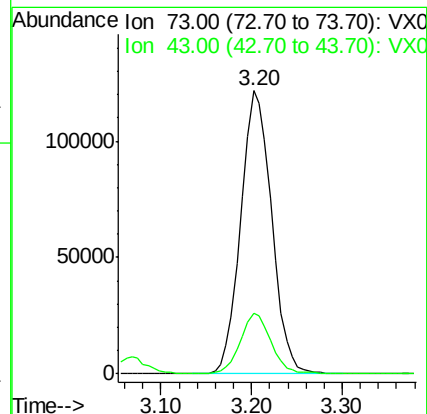
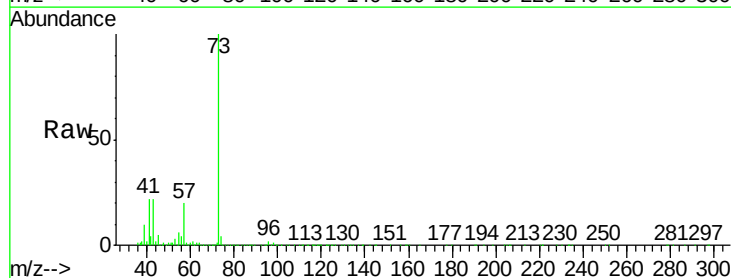
Tot Ion: 59 Resp: 111941
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2

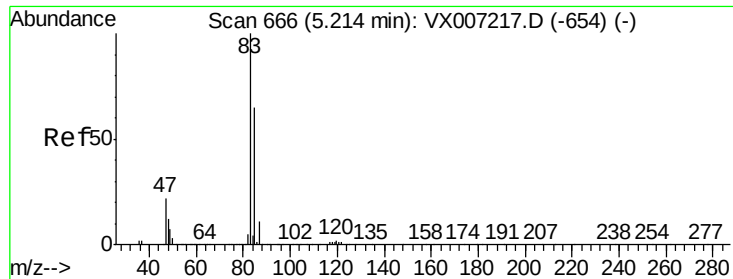


#24

Methyl tert-Butyl Ether
Concen: 19.611 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion: 73 Resp: 286735
Ion Ratio Lower Upper
73 100
43 20.5 16.2 24.4

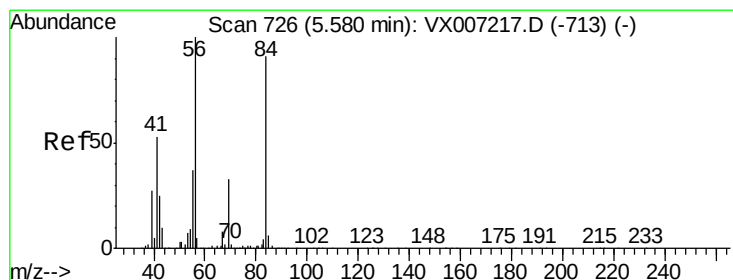
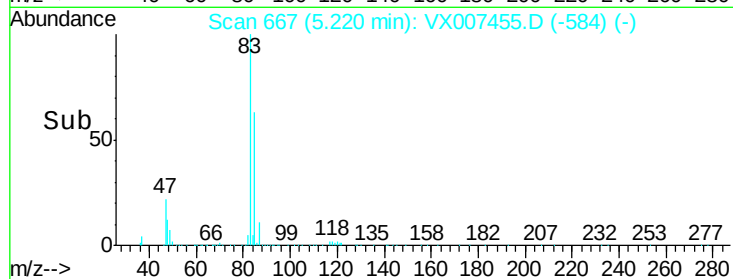
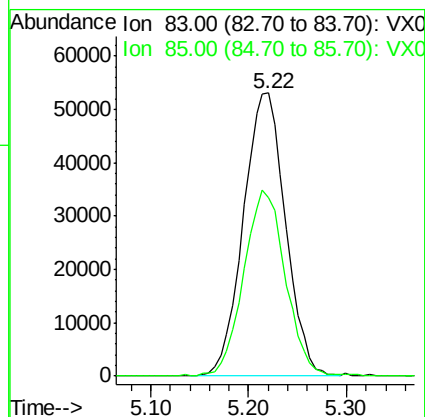
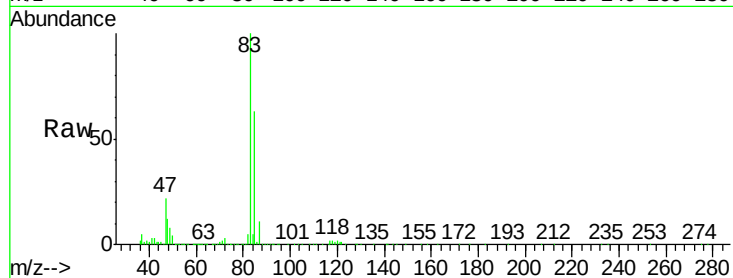




#25
Chloroform
Concen: 19.882 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

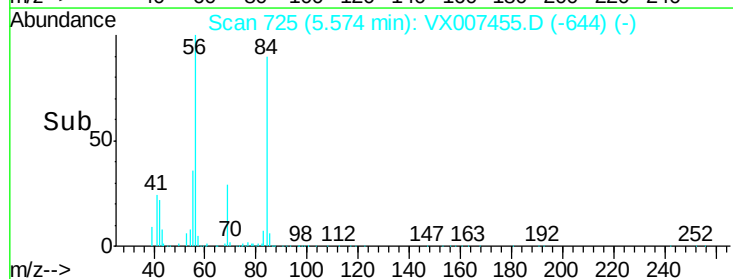
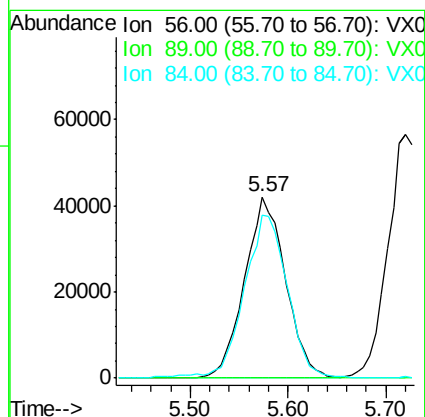
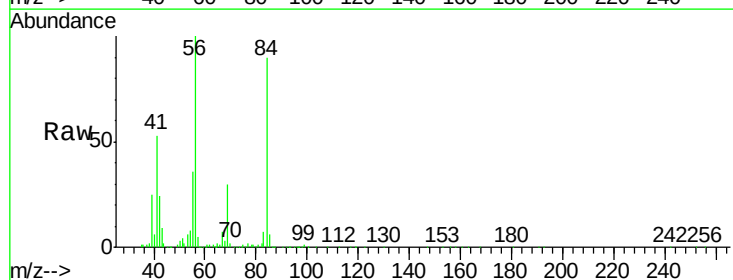
Instrument :
MSVOA_X
ClientSampled :

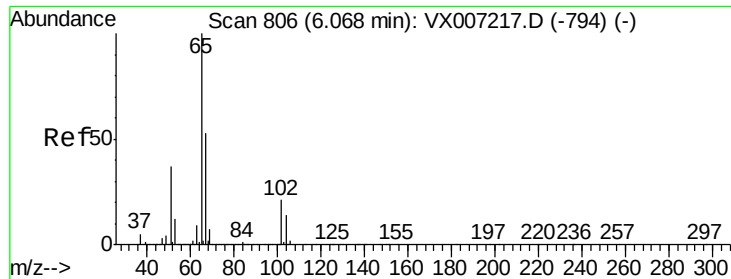
Tot Ion: 83 Resp: 158586
Ion Ratio Lower Upper
83 100
85 62.9 51.9 77.9



#26
Cyclohexane
Concen: 18.617 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion: 56 Resp: 121001
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 94.1 74.2 111.2

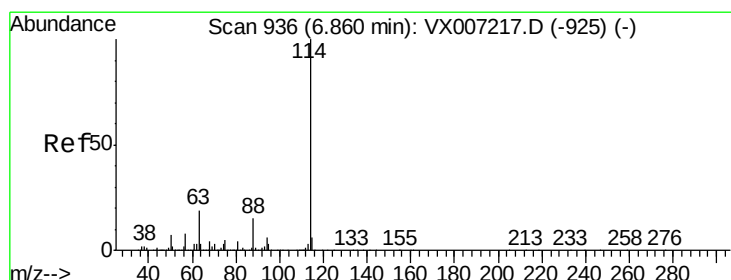
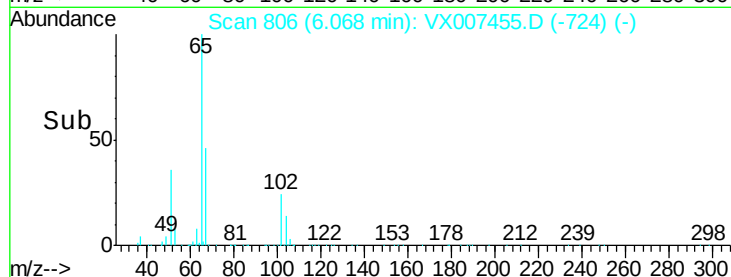
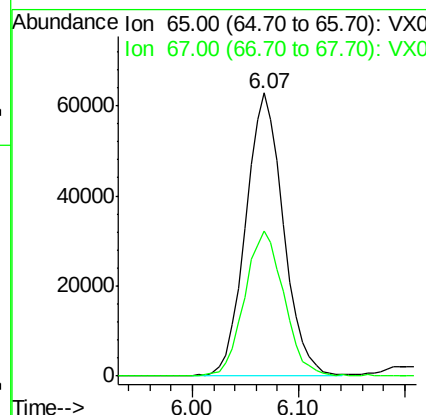
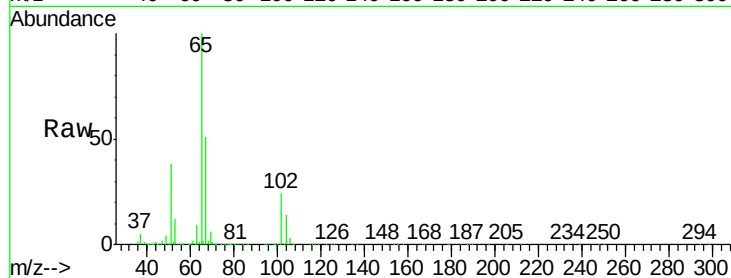




#27
 1,2-Dichloroethane-d4
 Concen: 29.460 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

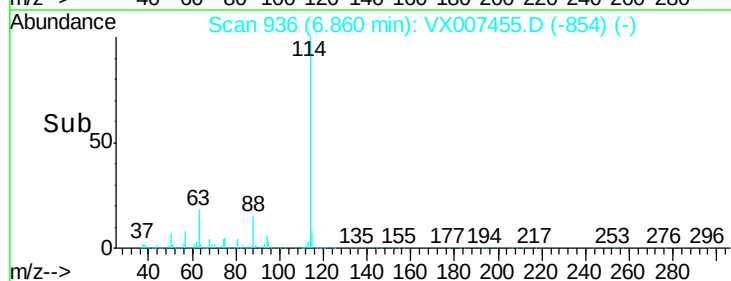
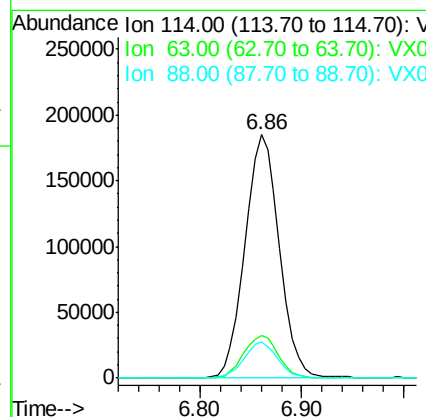
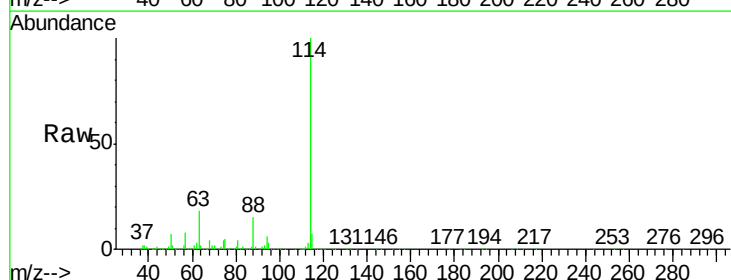
Instrument :
 MSVOA_X
 ClientSampleId :

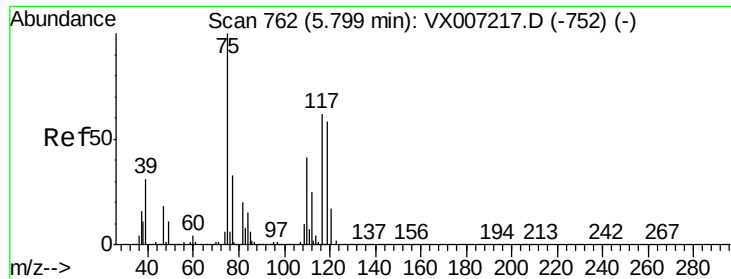
Tot Ion: 65 Resp: 156404
 Ion Ratio Lower Upper
 65 100
 67 52.8 42.0 63.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion: 114 Resp: 431740
 Ion Ratio Lower Upper
 114 100
 63 18.0 14.6 21.8
 88 14.6 11.8 17.6

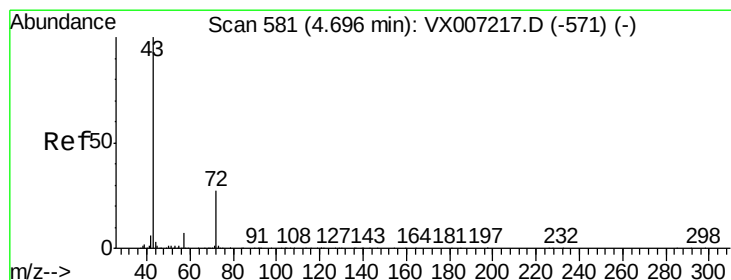
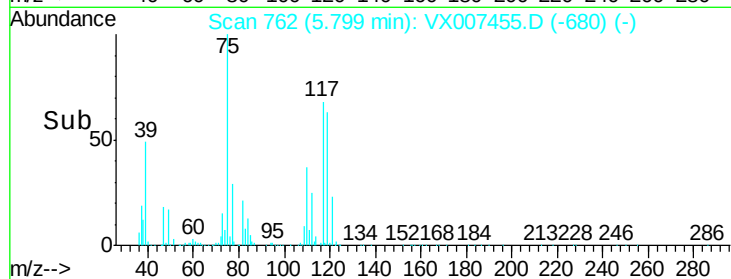
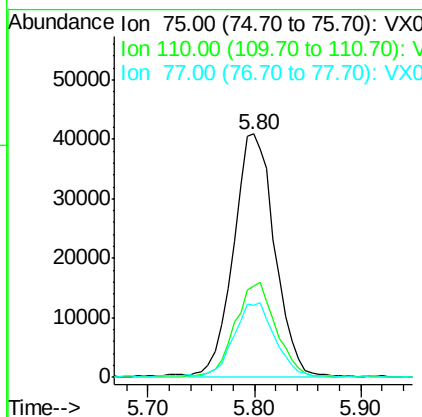
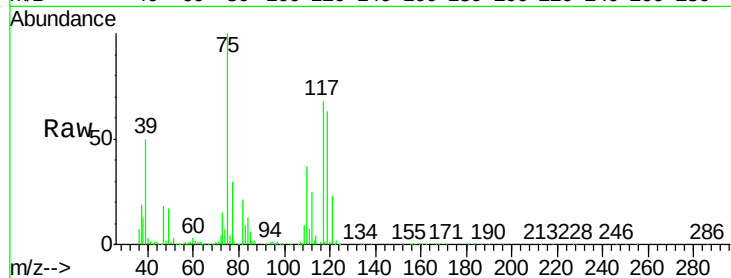




#29
 1,1-Dichloropropene
 Concen: 19.780 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

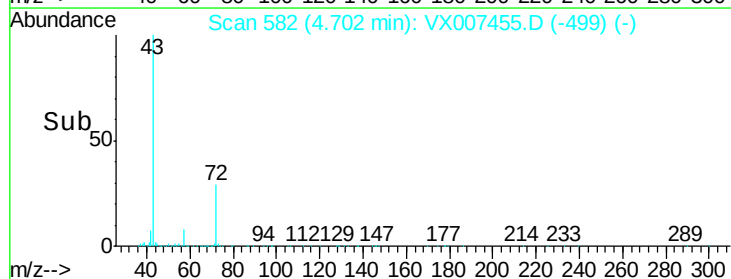
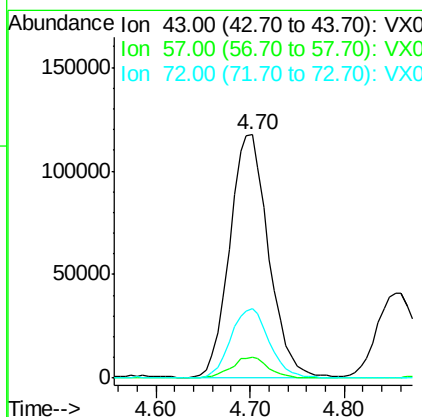
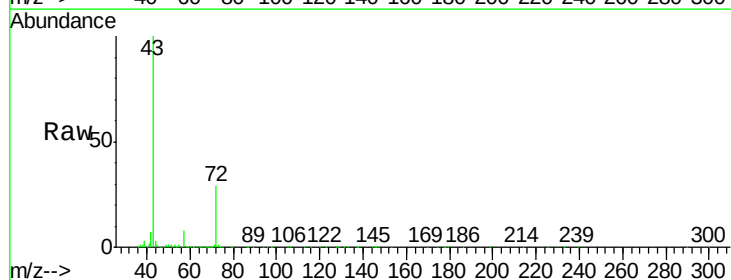
Instrument :
 MSVOA_X
 ClientSampled :

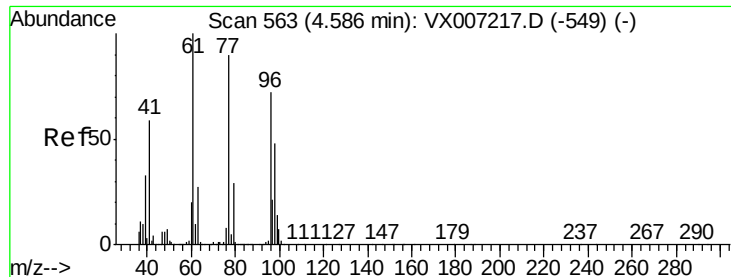
Tot Ion	Ratio	Lower	Upper
75	100		
110	38.7	0.0	78.8
77	29.5	0.0	61.8



#30
 2-Butanone
 Concen: 99.917 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
43	100		
57	3.8	3.3	4.9
72	28.7	22.0	33.0





#31

2,2-Dichloropropane

Concen: 16.391 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

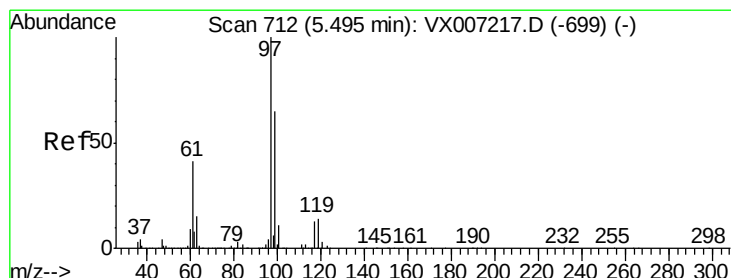
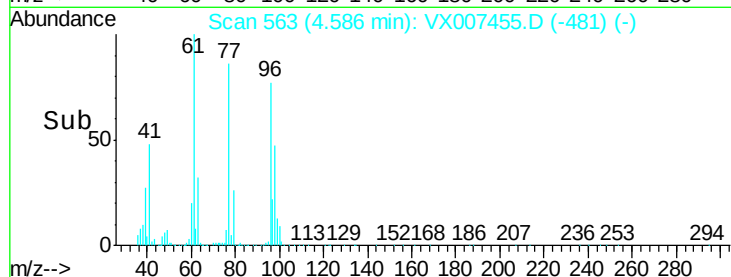
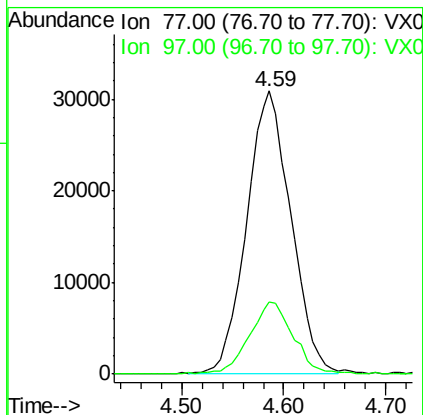
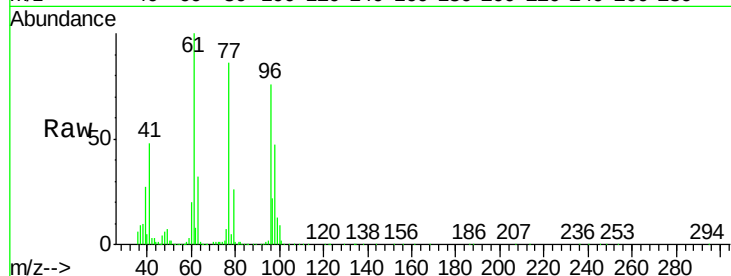
ClientSampleId :

Tot Ion: 77 Resp: 93201

Ion Ratio Lower Upper

77 100

97 25.1 19.8 29.8



#32

1,1,1-Trichloroethane

Concen: 19.761 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

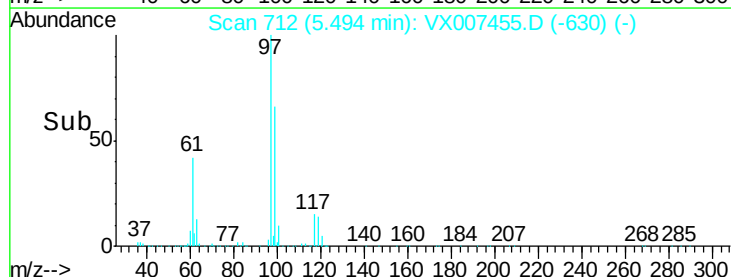
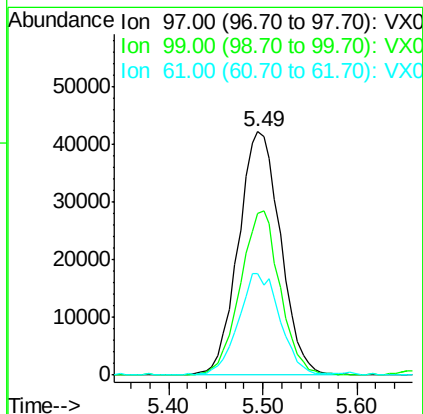
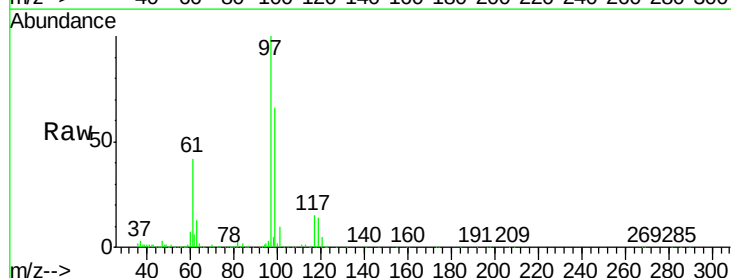
Tgt Ion: 97 Resp: 131439

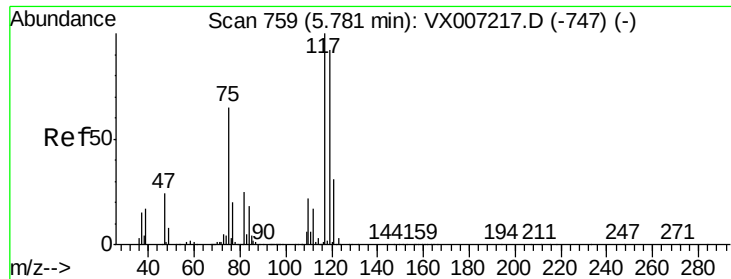
Ion Ratio Lower Upper

97 100

99 64.1 51.9 77.9

61 41.5 33.6 50.4





#33

Carbon Tetrachloride

Concen: 19.358 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX007455.D

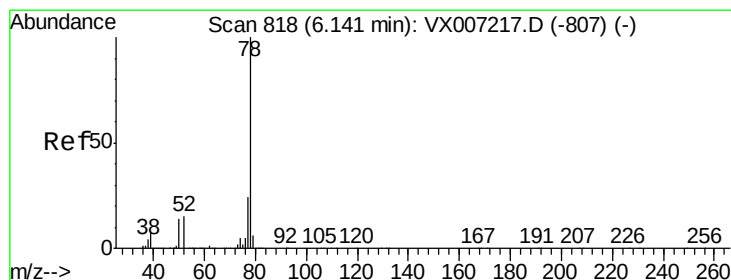
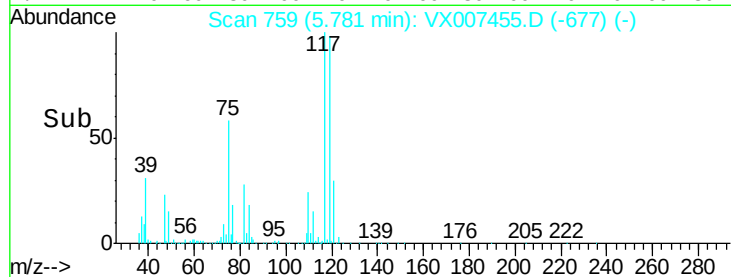
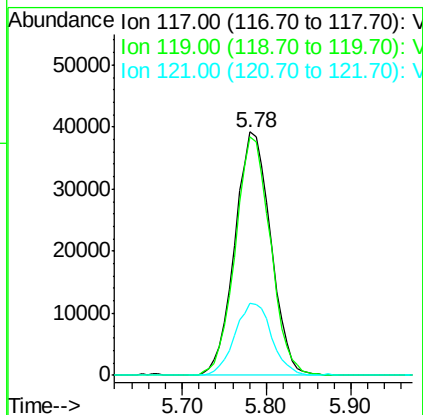
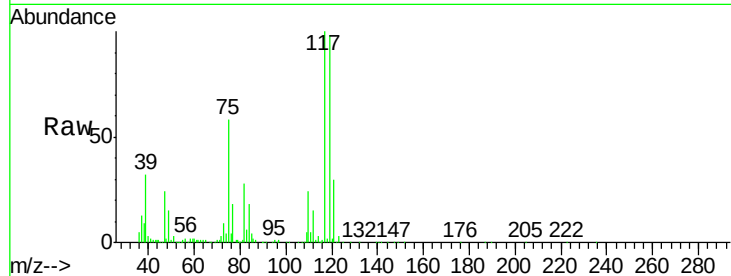
Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:117	Resp:	113188
Ion	Ratio	Lower Upper
117	100	
119	98.3	73.5 110.3
121	29.8	24.6 37.0



#34

Benzene

Concen: 19.672 ug/l

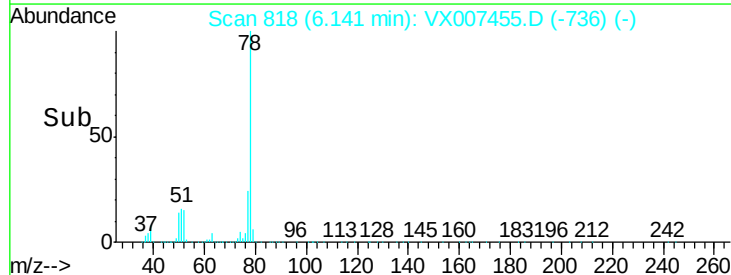
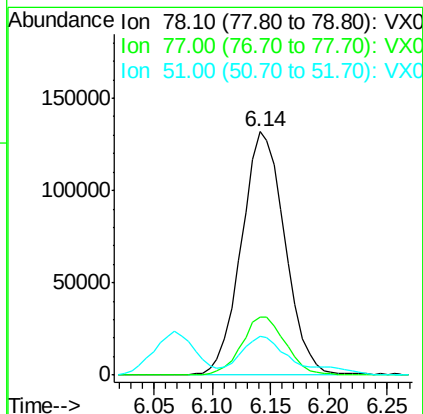
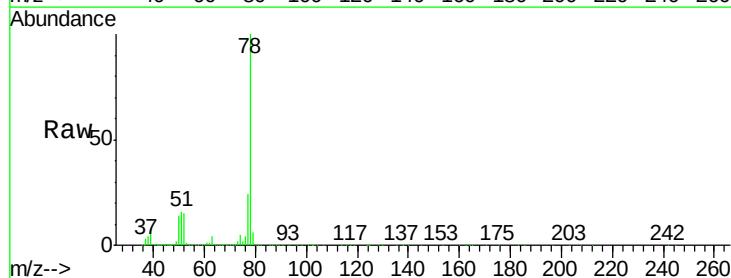
RT: 6.14 min Scan# 818

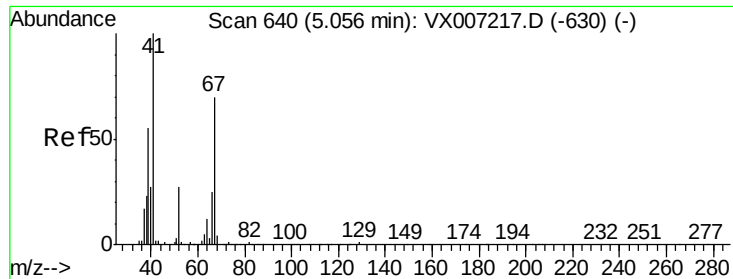
Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Tgt Ion: 78	Resp:	341514
Ion	Ratio	Lower Upper
78	100	
77	23.7	19.1 28.7
51	12.9	12.4 18.6

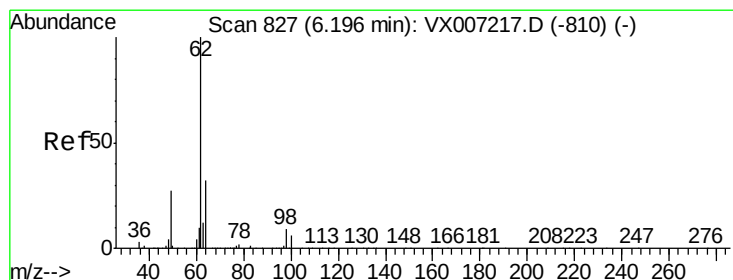
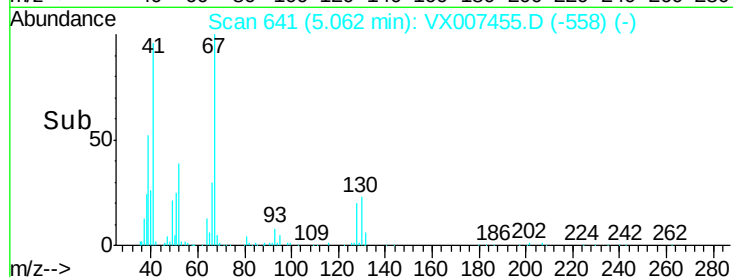
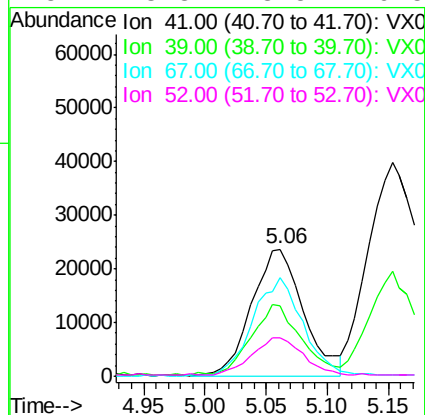
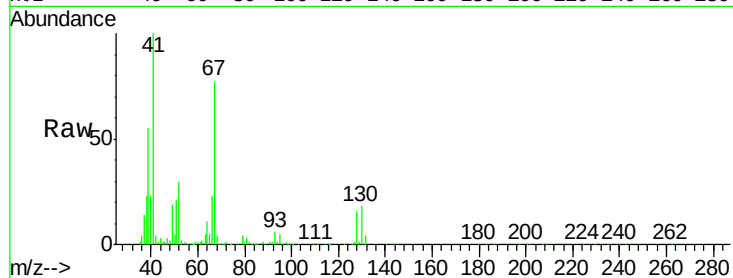




#35
Methacrylonitrile
Concen: 20.348 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

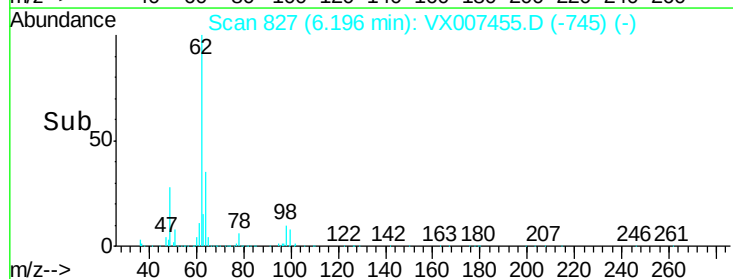
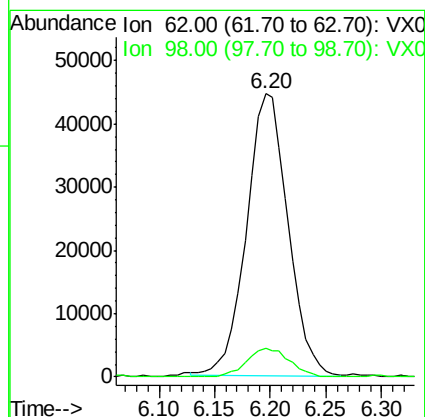
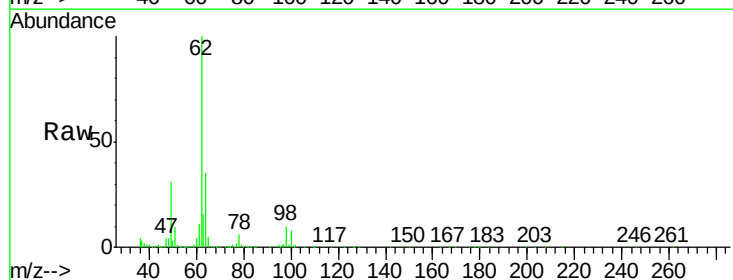
Instrument :
MSVOA_X
ClientSampleId :

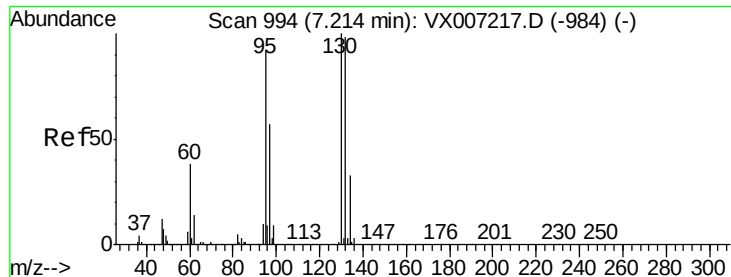
Tot Ion:	41	Resp:	69848
Ion	Ratio	Lower	Upper
41	100		
39	54.3	27.5	82.4
67	76.2	34.8	104.3
52	28.3	13.5	40.5



#36
1,2-Dichloroethane
Concen: 19.324 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion:	62	Resp:	115762
Ion	Ratio	Lower	Upper
62	100		
98	10.6	8.1	12.1





#37

Trichloroethene

Concen: 19.947 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

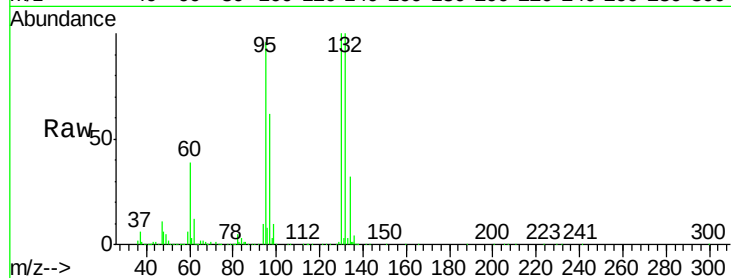
ClientSampled :

Tot Ion:130 Resp: 102101

Ion Ratio Lower Upper

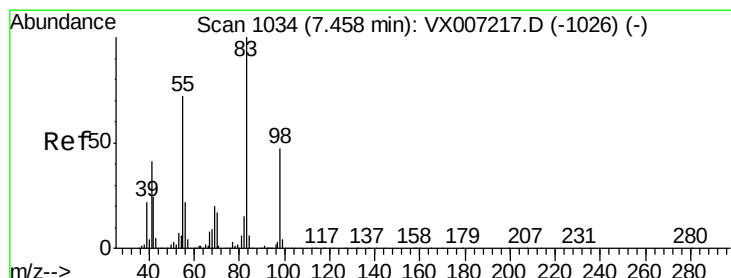
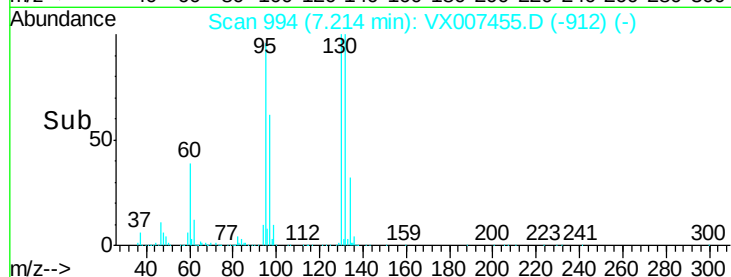
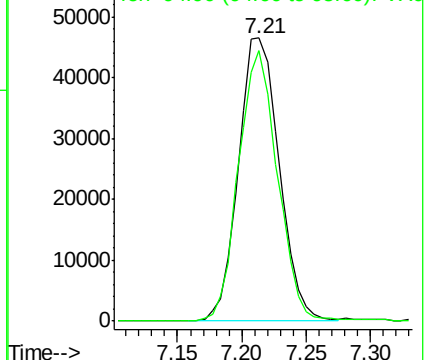
130 100

95 95.7 73.7 110.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.595 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

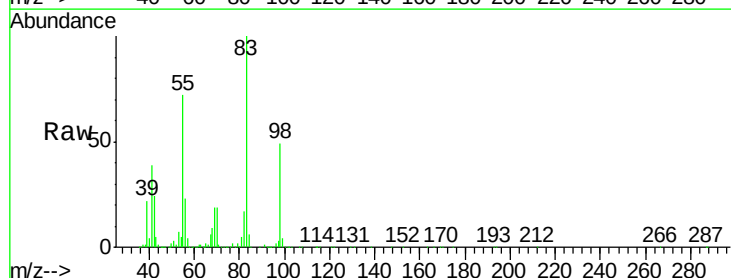
Tgt Ion: 83 Resp: 132632

Ion Ratio Lower Upper

83 100

55 69.7 36.6 109.8

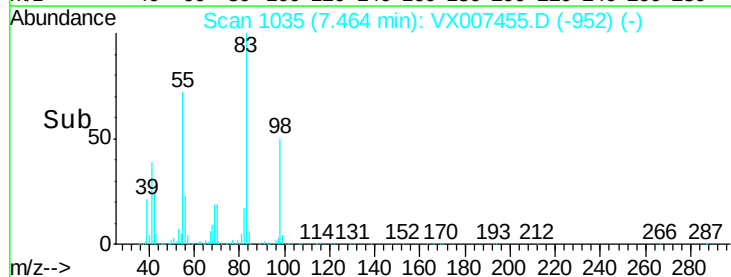
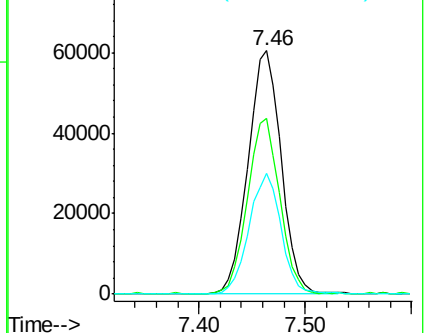
98 48.0 24.1 72.4

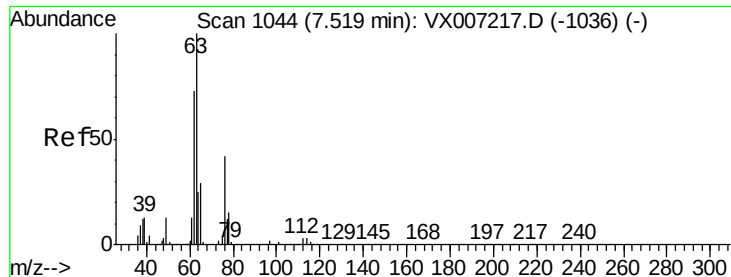


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 20.287 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

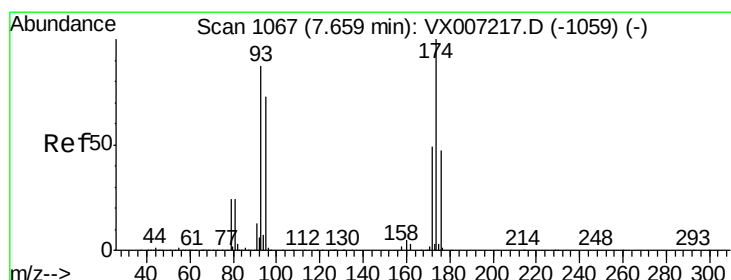
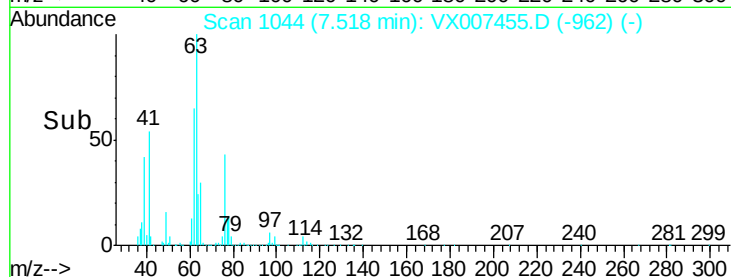
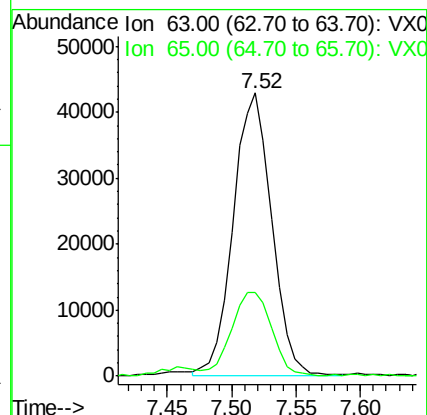
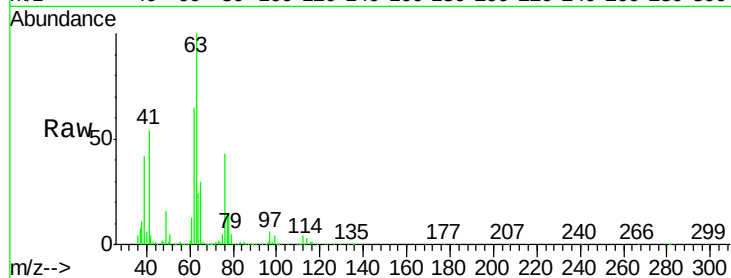
ClientSampleId :

Tot Ion: 63 Resp: 88322

Ion Ratio Lower Upper

63 100

65 29.5 24.7 37.1



#40

Dibromomethane

Concen: 19.745 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

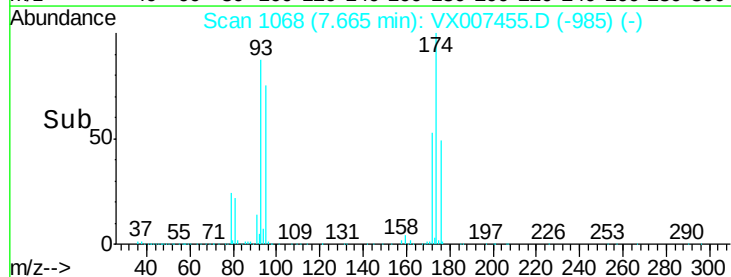
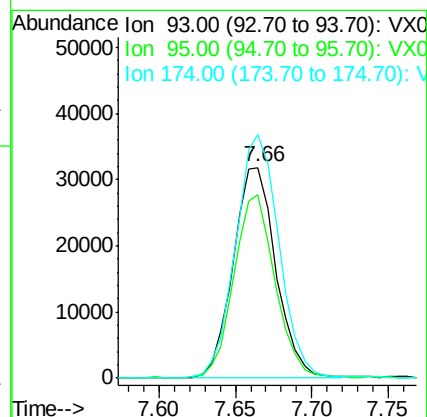
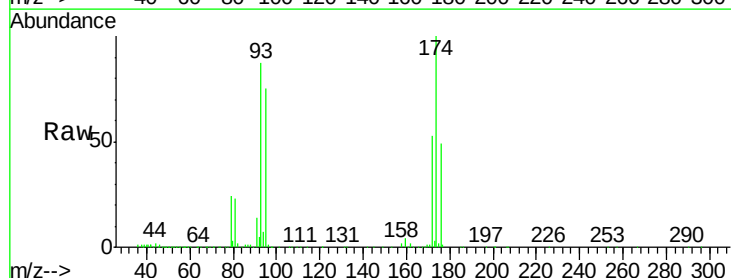
Tgt Ion: 93 Resp: 61923

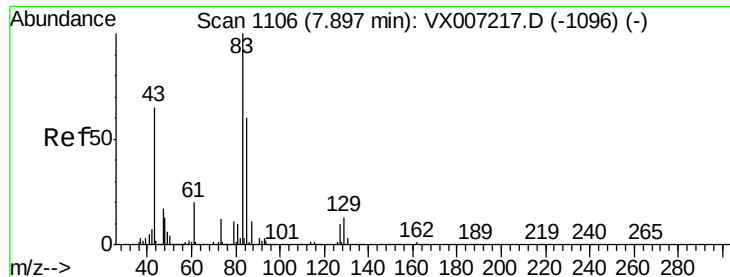
Ion Ratio Lower Upper

93 100

95 83.8 0.0 172.4

174 117.3 0.0 233.0





#41

Bromodichloromethane

Concen: 19.429 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

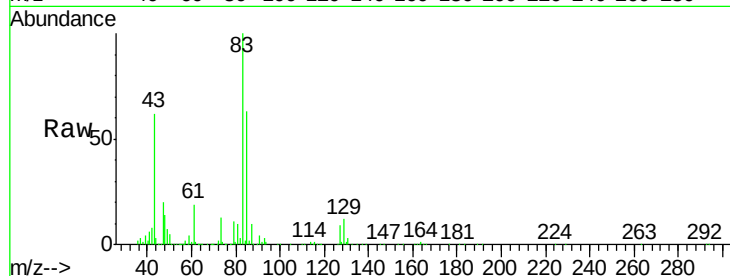
Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

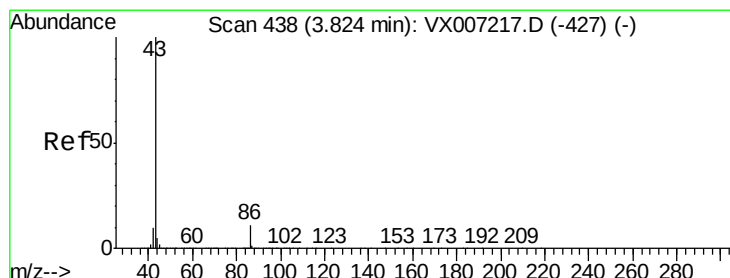
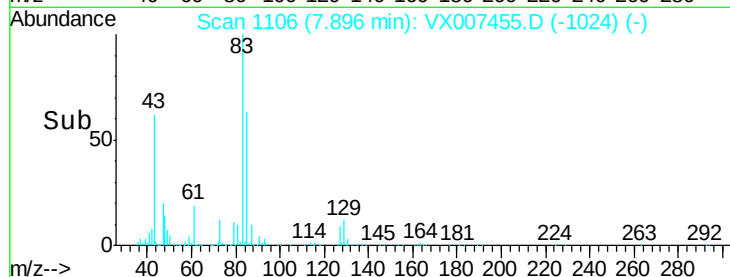
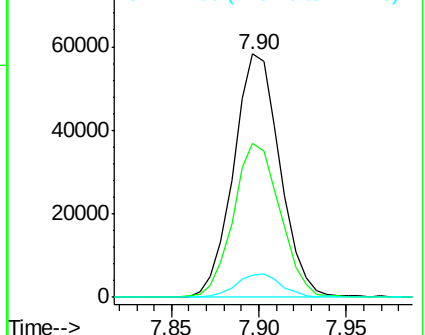
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 106935

Ion	Ratio	Lower	Upper
83	100		
85	63.0	48.2	72.2
127	8.9	8.3	12.5



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 94.740 ug/l

RT: 3.82 min Scan# 438

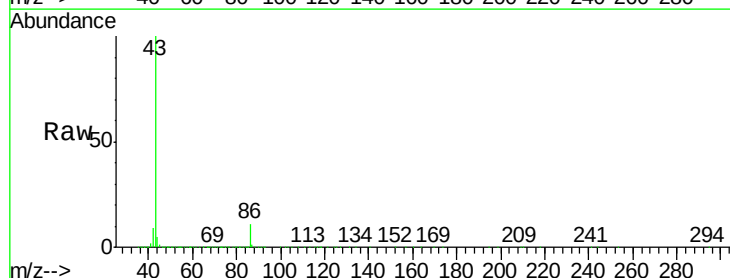
Delta R.T. -0.00 min

Lab File: VX007455.D

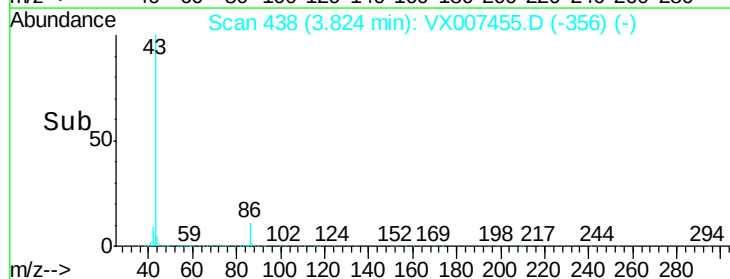
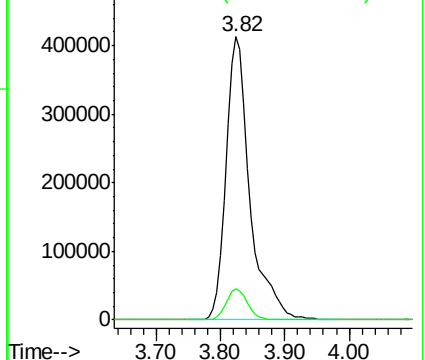
Acq: 08 Feb 2019 21:02

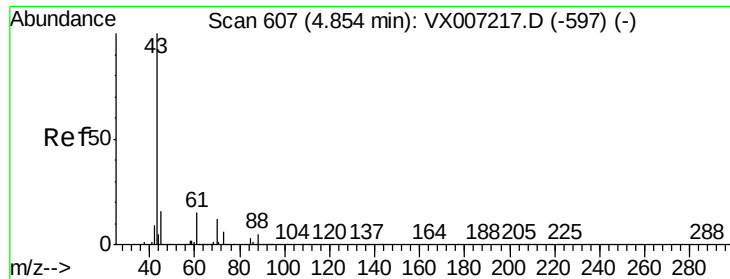
Tgt Ion: 43 Resp: 1080241

Ion	Ratio	Lower	Upper
43	100		
86	9.9	8.0	12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

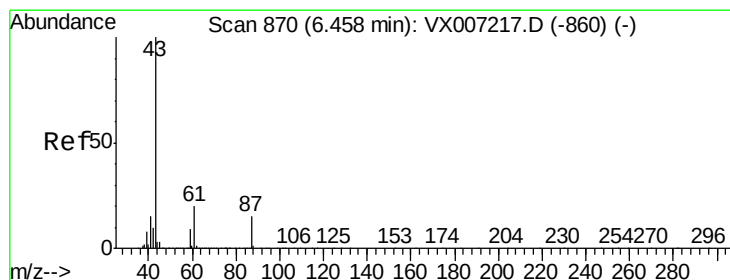
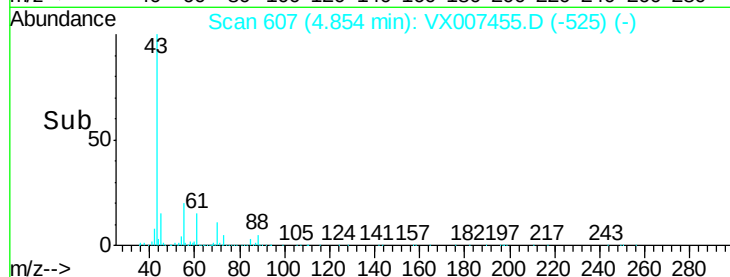
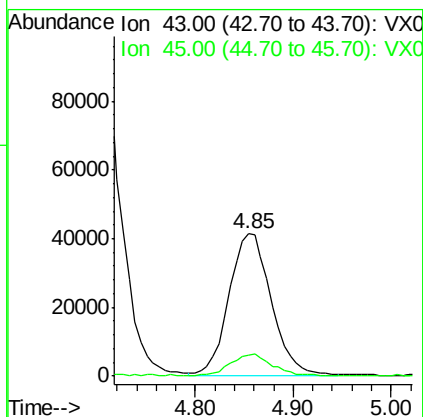
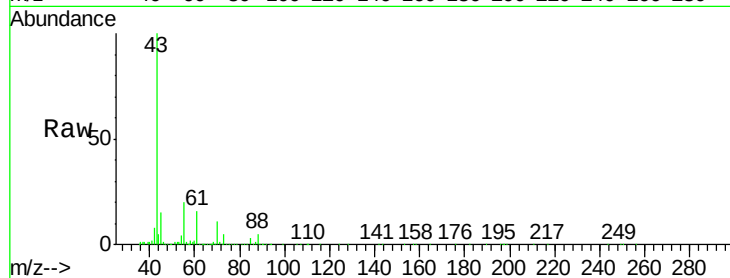




#43
Ethyl Acetate
Concen: 19.554 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

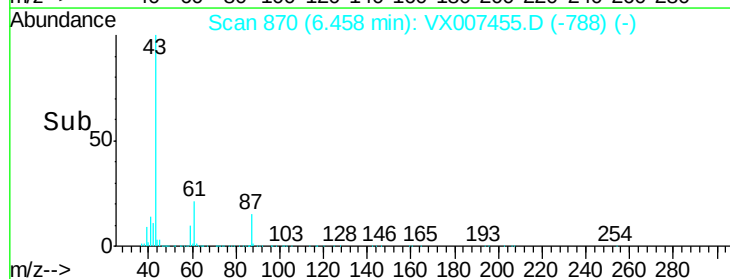
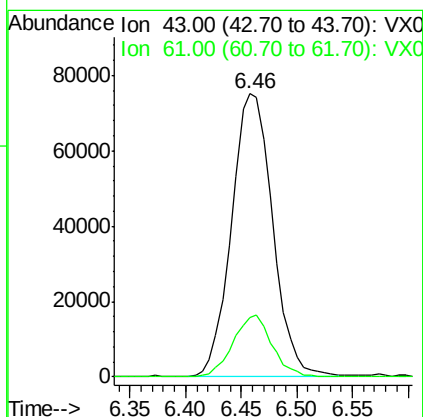
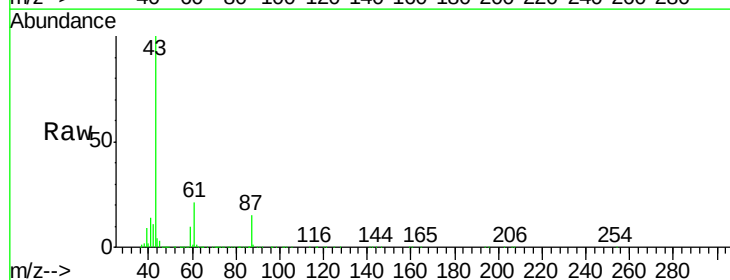
Instrument :
MSVOA_X
ClientSampled :

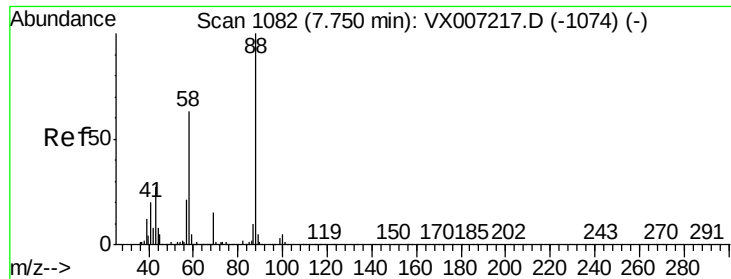
Tot Ion: 43 Resp: 122704
Ion Ratio Lower Upper
43 100
45 15.2 11.7 17.5



#44
Isopropyl Acetate
Concen: 19.625 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion: 43 Resp: 192337
Ion Ratio Lower Upper
43 100
61 20.8 16.8 25.2





#45

1,4-Dioxane

Concen: 380.185 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :

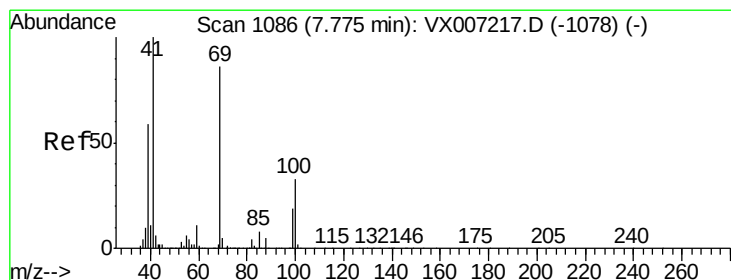
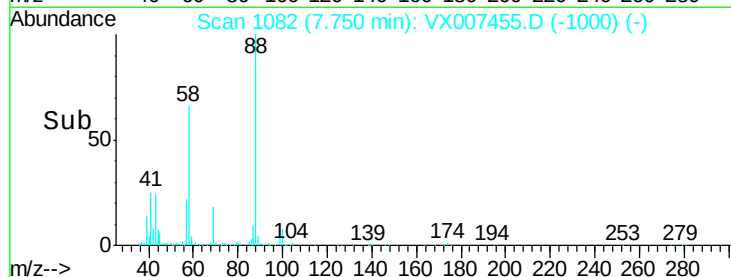
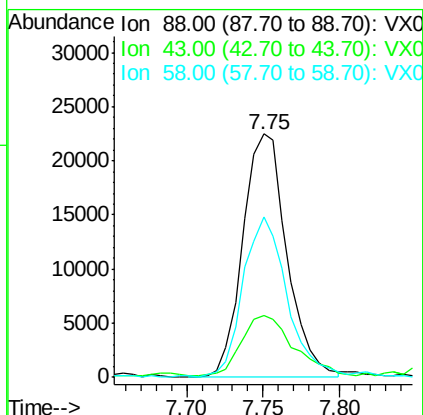
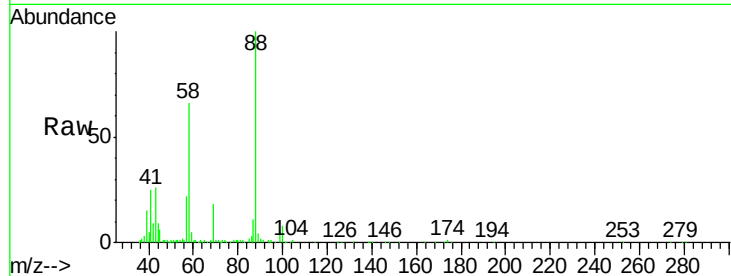
Tot Ion: 88 Resp: 45152

Ion Ratio Lower Upper

88 100

43 29.2 23.5 35.3

58 65.9 51.6 77.4



#46

Methyl methacrylate

Concen: 19.649 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

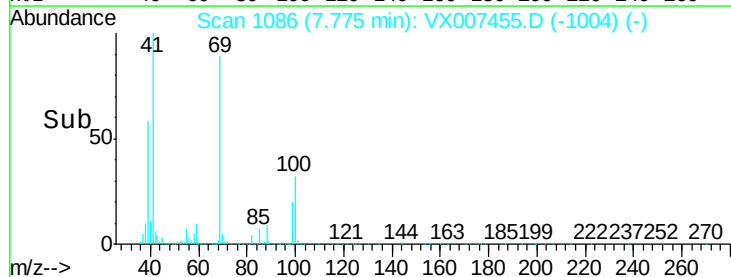
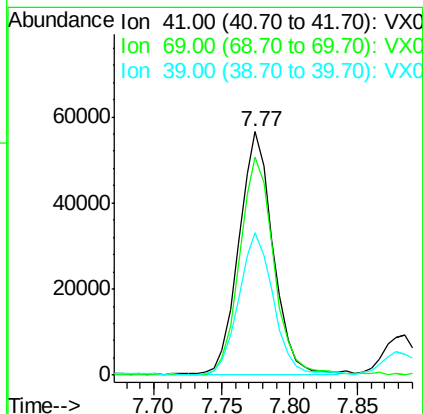
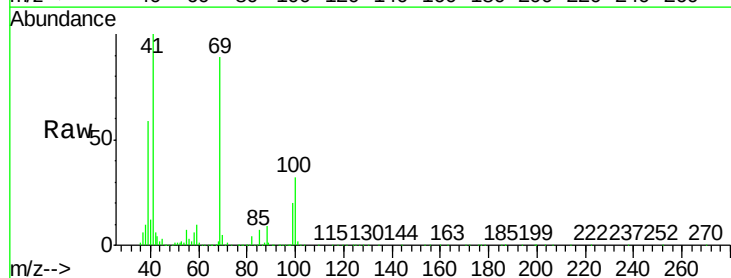
Tgt Ion: 41 Resp: 98463

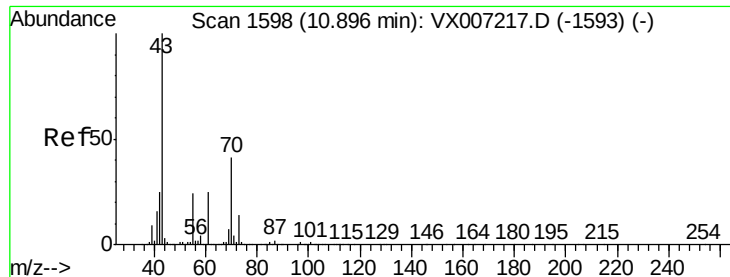
Ion Ratio Lower Upper

41 100

69 89.6 43.0 129.2

39 58.5 29.4 88.2





#47

n-amvl Acetate

Concen: 19.754 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

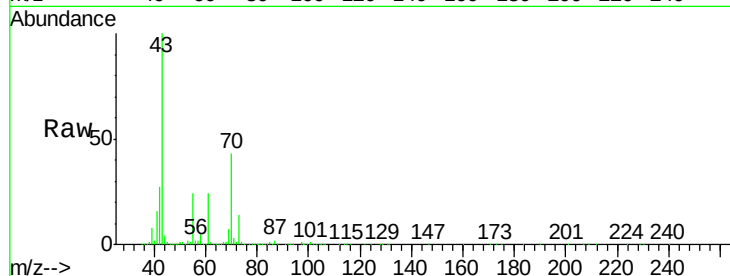
ClientSampleId :

Tot Ion: 43 Resp: 170233

Ion Ratio Lower Upper

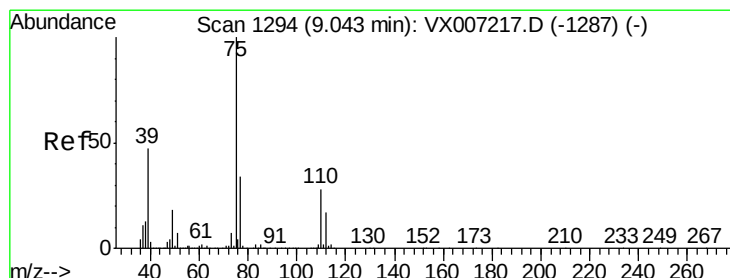
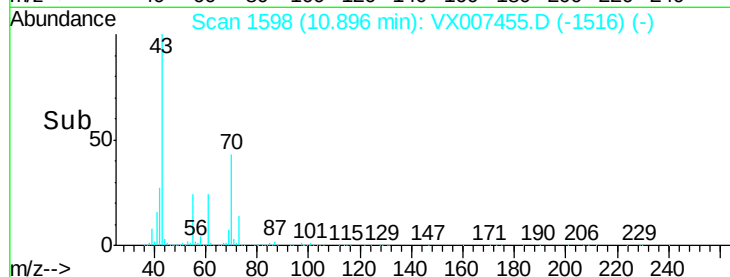
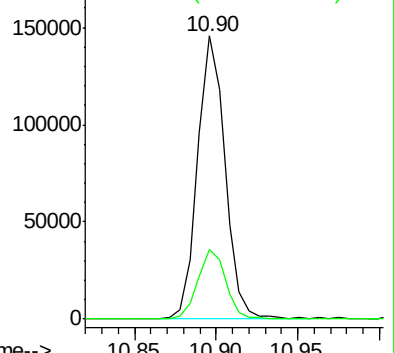
43 100

55 25.2 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.300 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007455.D

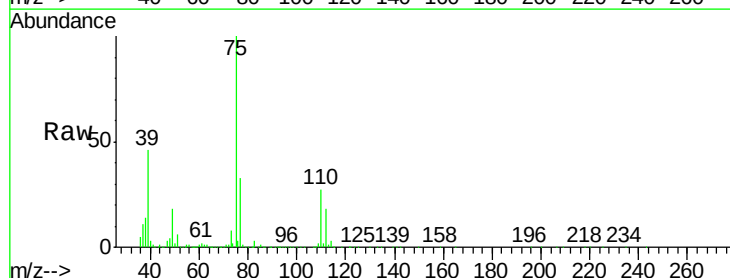
Acq: 08 Feb 2019 21:02

Tgt Ion: 75 Resp: 109853

Ion Ratio Lower Upper

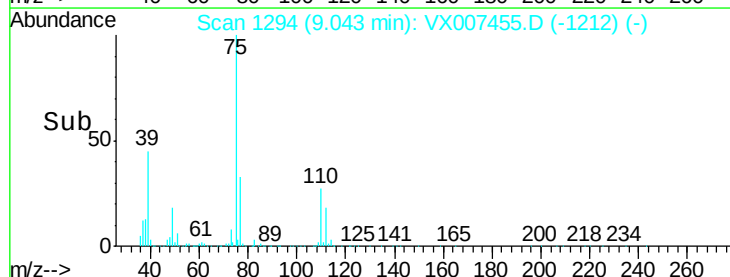
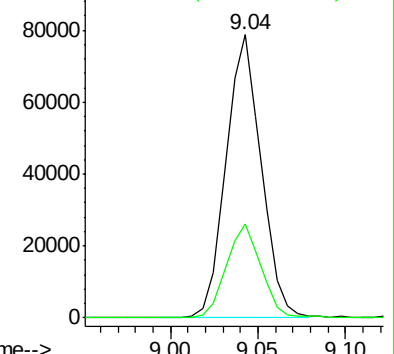
75 100

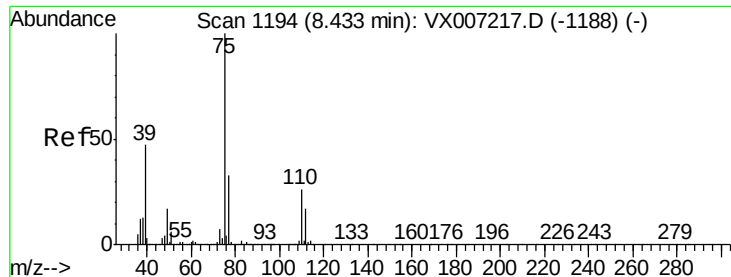
77 32.8 26.7 40.1



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



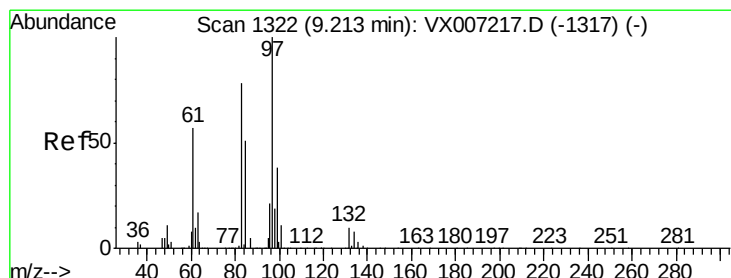
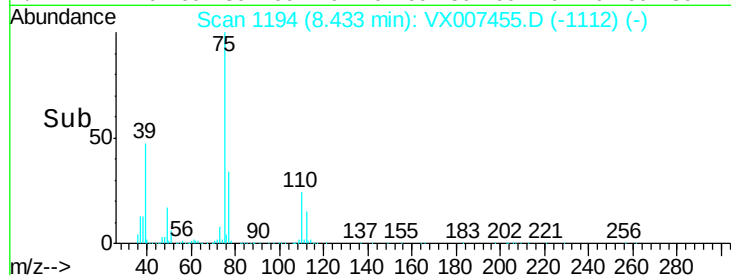
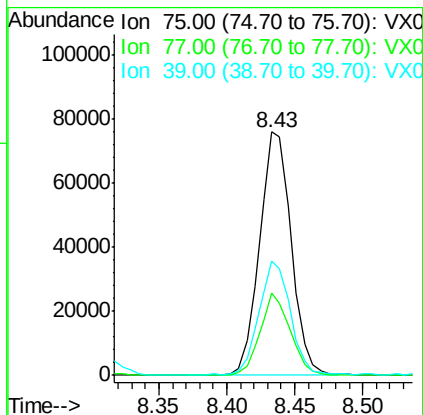
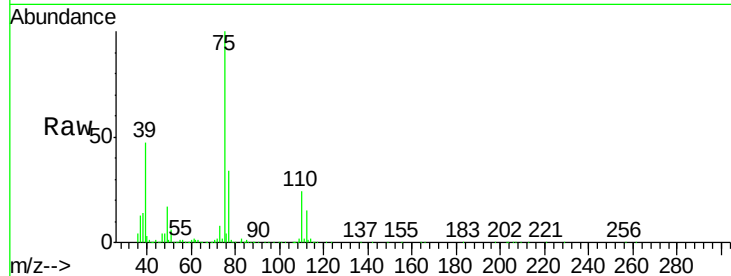


#49

cis-1,3-Dichloropropene
Concen: 18.687 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampled :

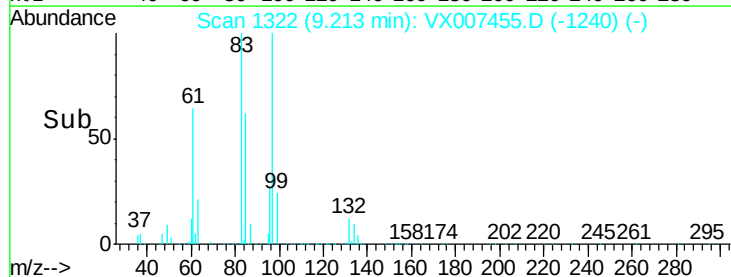
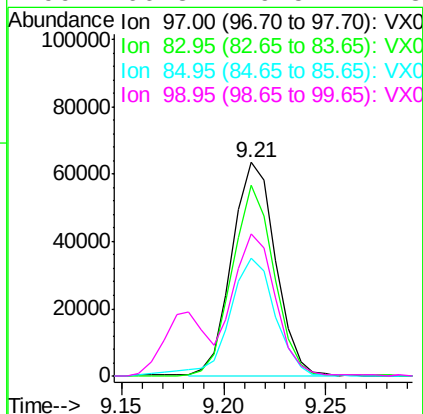
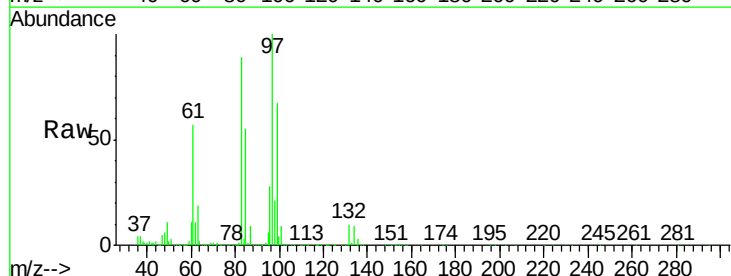
Tot Ion	Ratio	Lower	Upper
75	100		
77	33.9	26.2	39.4
39	46.6	37.2	55.8

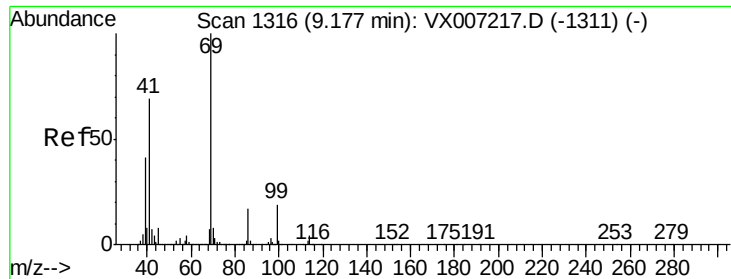


#50

1,1,2-Trichloroethane
Concen: 20.056 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.2	62.5	93.7
85	55.2	41.8	62.6
99	66.3	49.5	74.3

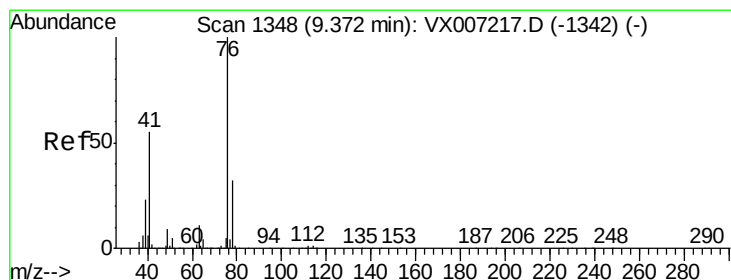
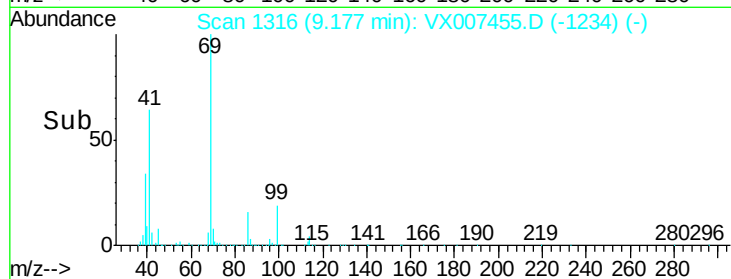
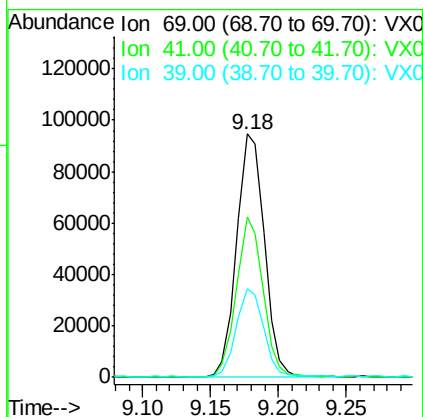
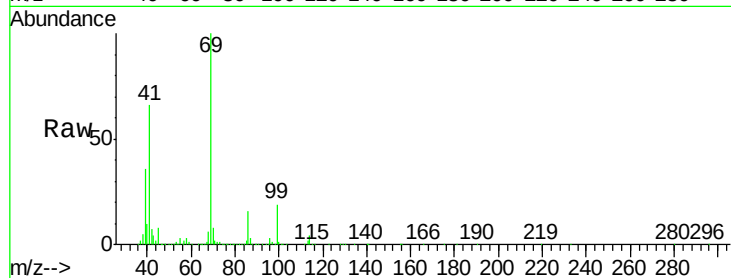




#51
Ethyl methacrylate
Concen: 20.036 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

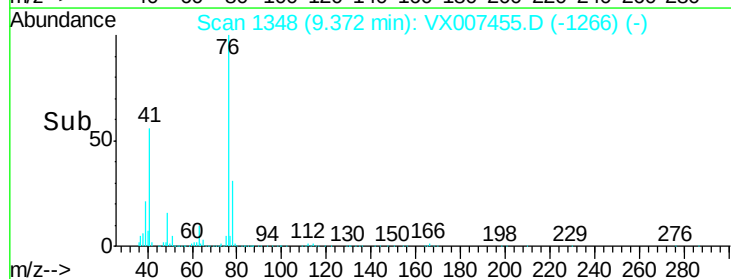
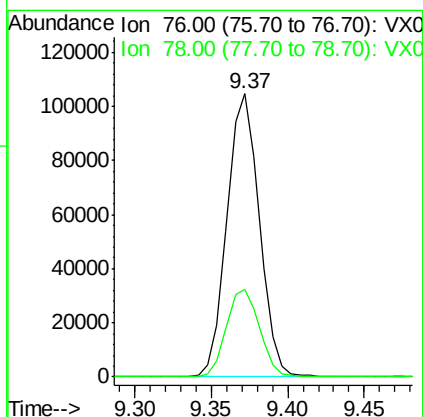
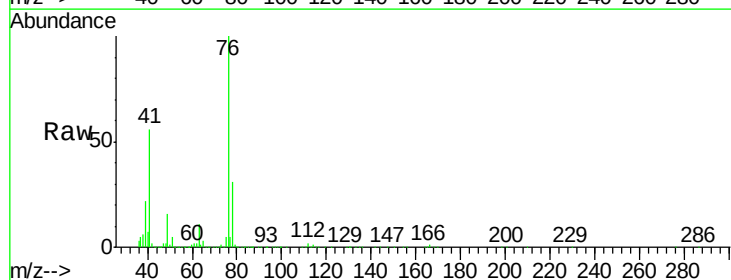
Instrument :
MSVOA_X
ClientSampleId :

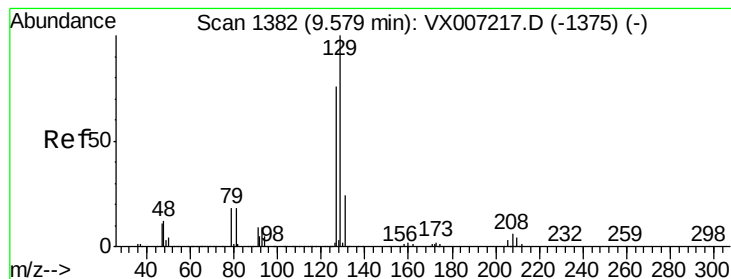
Tot Ion	Ratio	Lower	Upper
69	100		
41	66.0	34.2	102.6
39	36.0	20.3	60.8



#52
1,3-Dichloropropane
Concen: 20.362 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.6	0.0	66.2





#53

Dibromochloromethane

Concen: 19.460 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

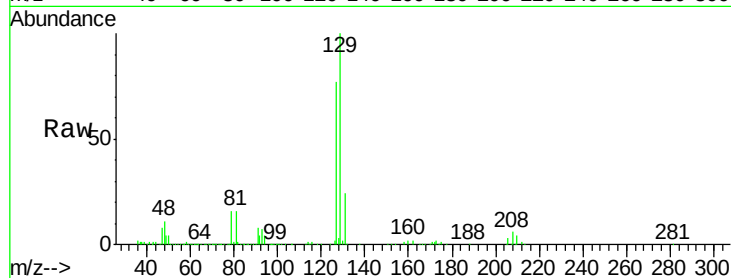
ClientSampleId :

Tot Ion:129 Resp: 92579

Ion Ratio Lower Upper

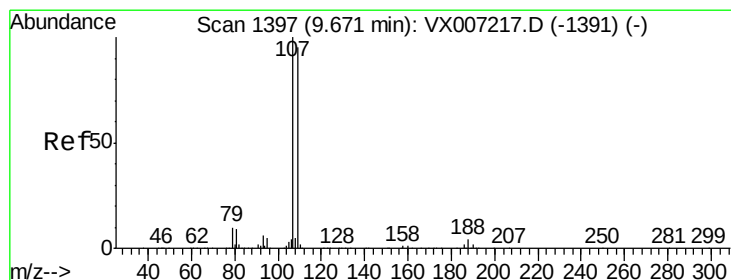
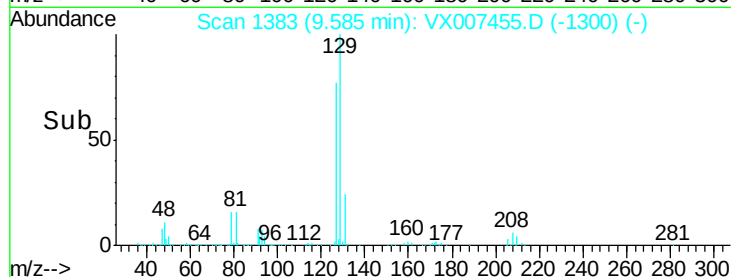
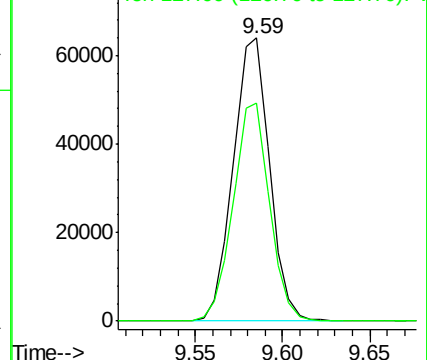
129 100

127 77.1 37.7 113.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.230 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007455.D

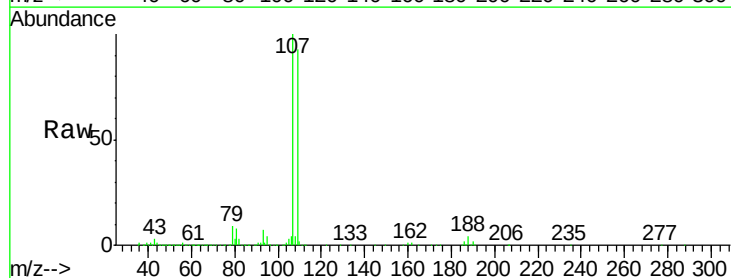
Acq: 08 Feb 2019 21:02

Tgt Ion:107 Resp: 102508

Ion Ratio Lower Upper

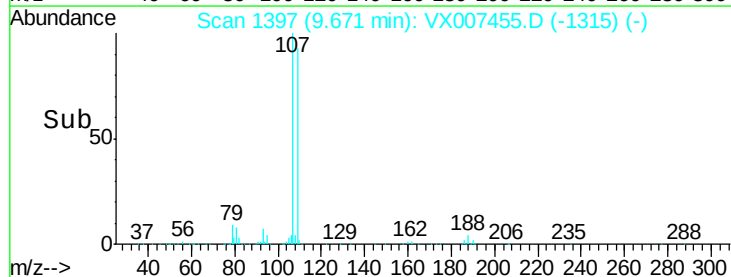
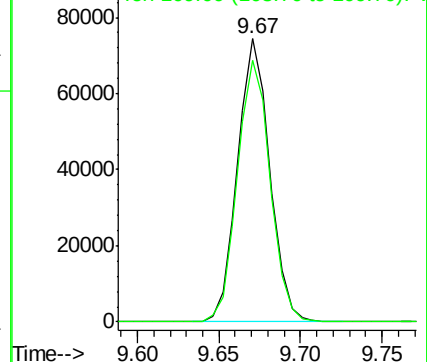
107 100

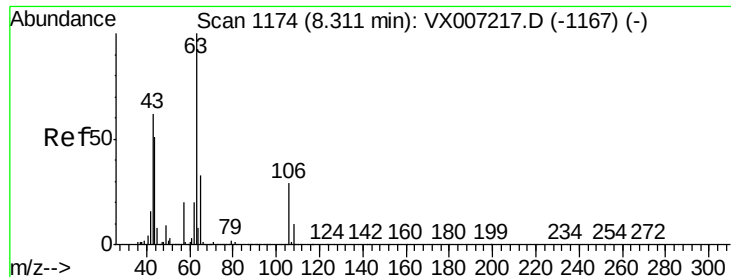
109 93.6 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

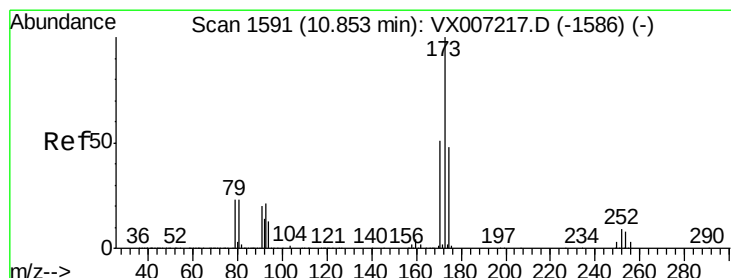
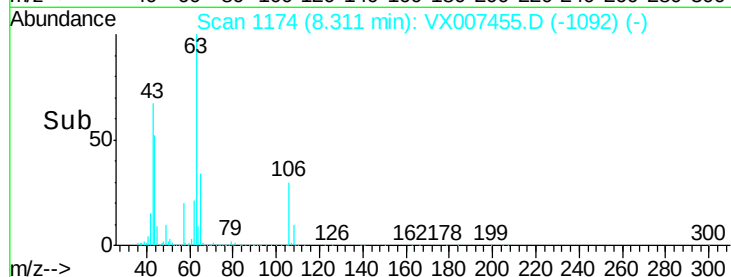
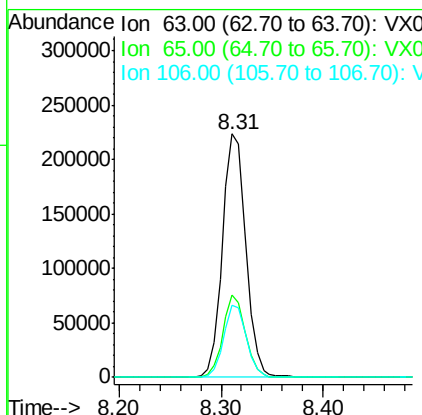
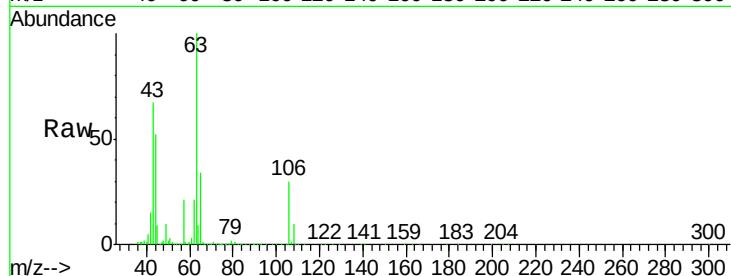




#55
 2-Chloroethyl vinyl ether
 Concen: 96.145 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

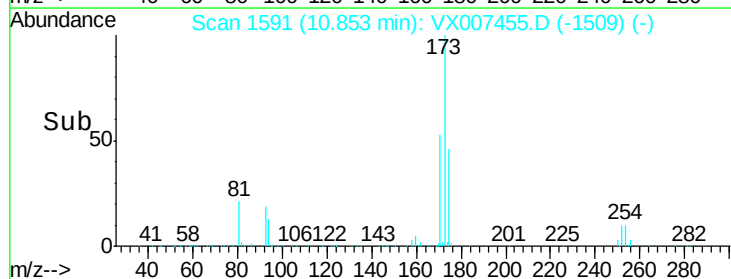
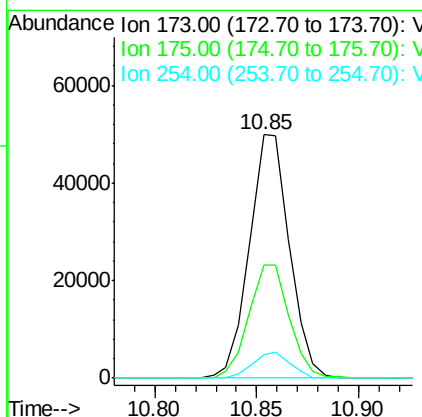
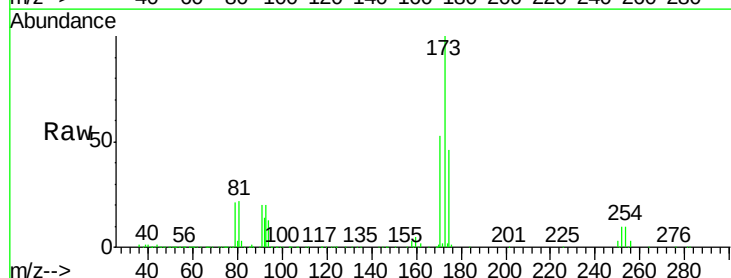
Instrument :
 MSVOA_X
 ClientSampled :

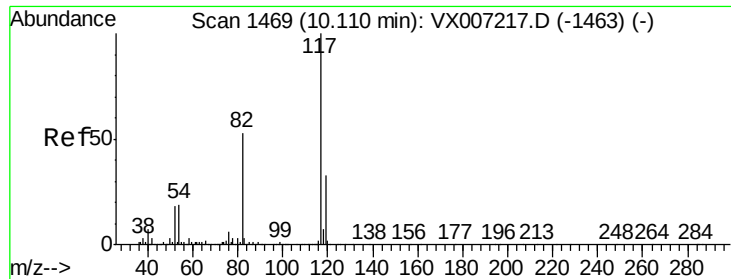
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.9	38.9
106	29.1	23.8	35.8



#56
 Bromoform
 Concen: 18.911 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.3	38.9	58.3
254	9.8	8.5	12.7

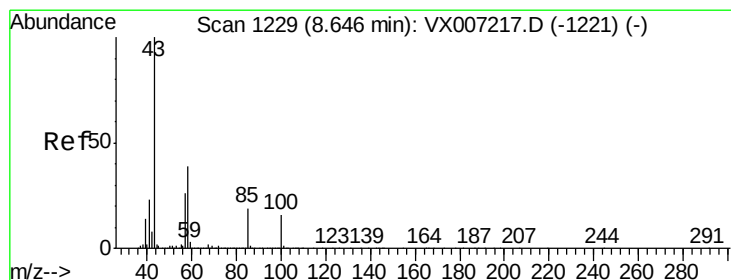
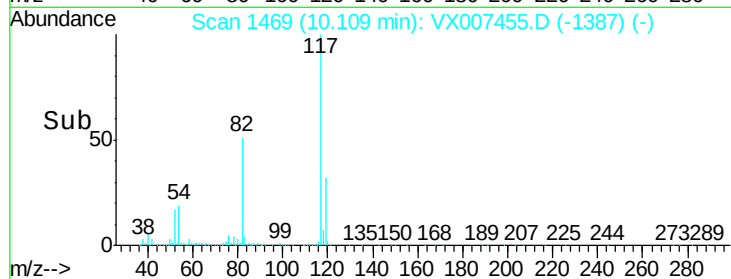
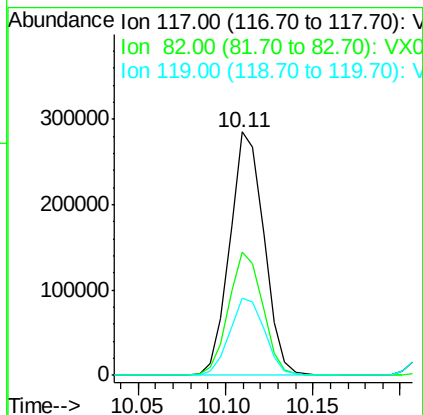
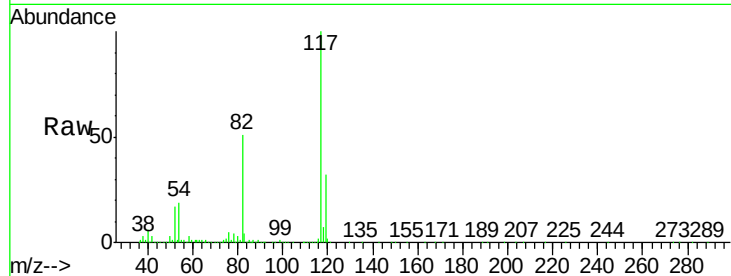




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

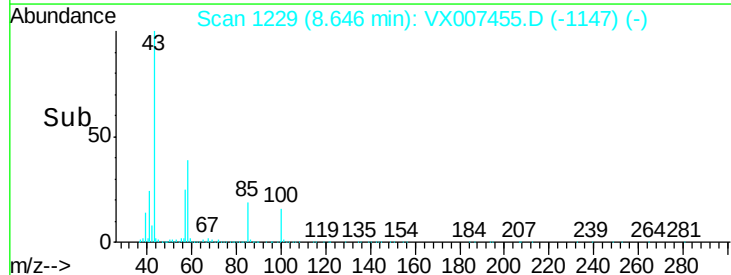
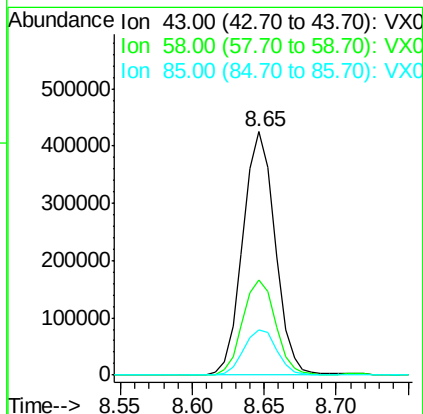
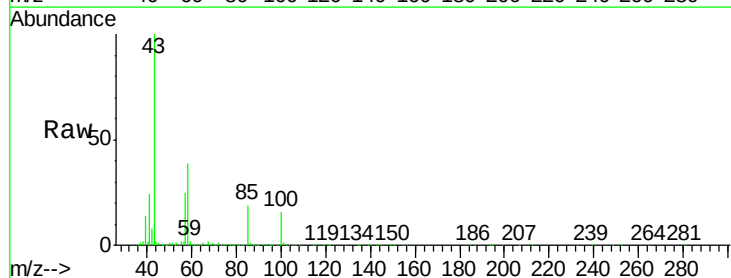
Instrument :
MSVOA_X
ClientSampleId :

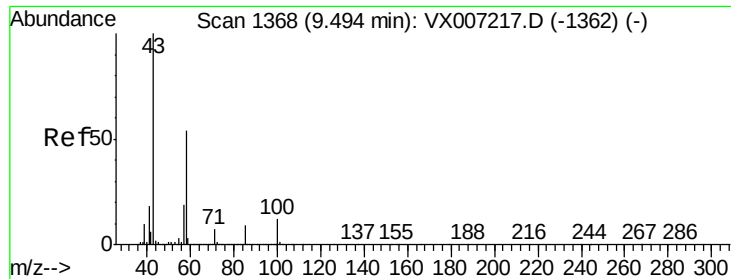
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.4	62.0
119	32.5	25.7	38.5



#58
4-Methyl-2-Pentanone
Concen: 102.018 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.6	47.4
85	19.2	14.9	22.3

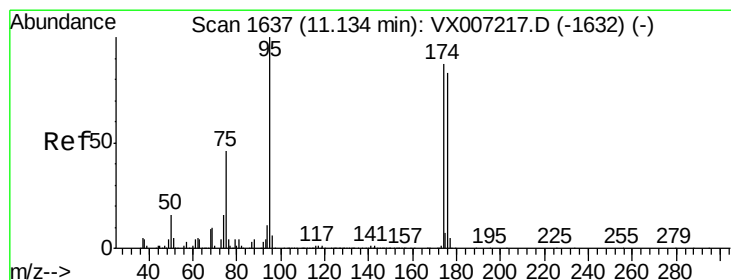
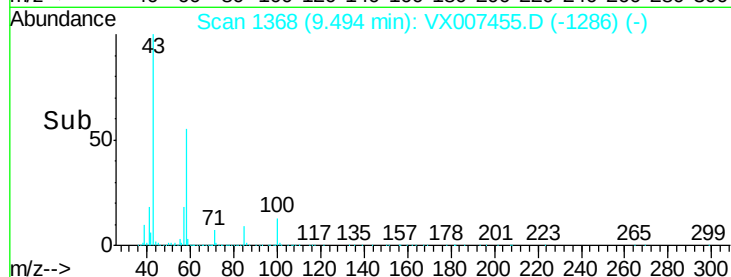
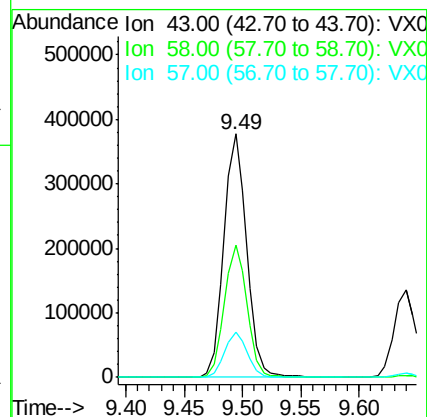
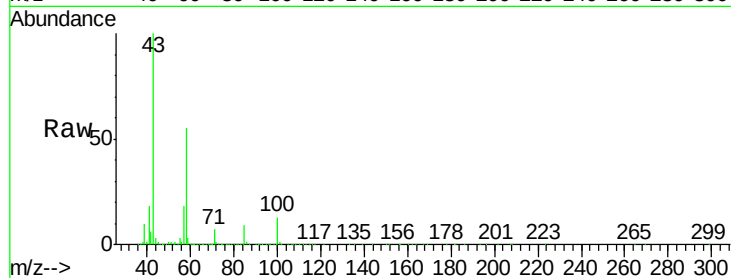




#59
2-Hexanone
Concen: 100.441 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

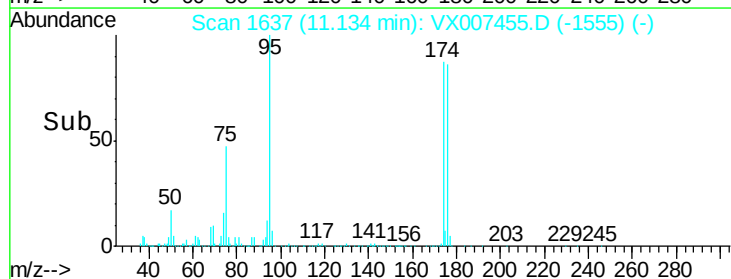
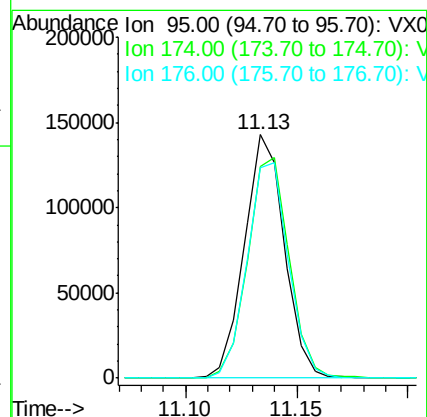
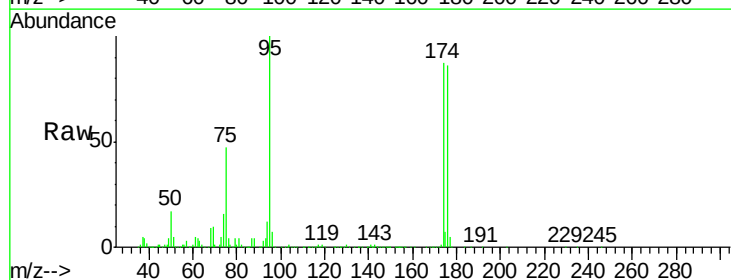
Instrument :
MSVOA_X
ClientSampleId :

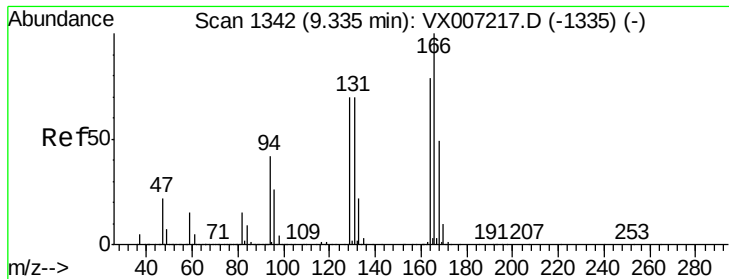
Tot Ion: 43 Resp: 504672
Ion Ratio Lower Upper
43 100
58 54.6 42.8 64.2
57 18.4 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 29.918 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion: 95 Resp: 179299
Ion Ratio Lower Upper
95 100
174 94.1 74.8 112.2
176 91.7 72.5 108.7





#61

Tetrachloroethene

Concen: 19.817 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 107259

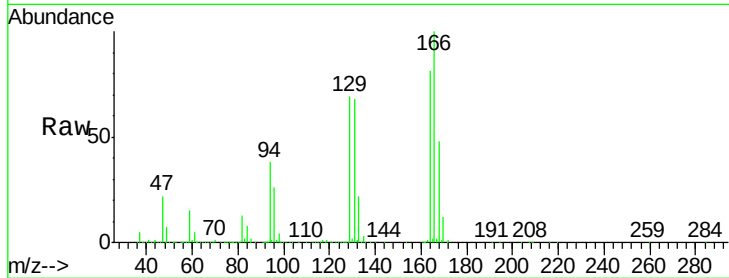
Ion Ratio Lower Upper

164 100

166 123.7 101.6 152.4

129 85.8 70.6 106.0

131 83.5 71.1 106.7

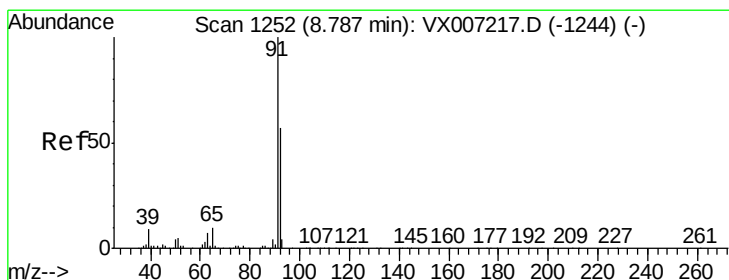
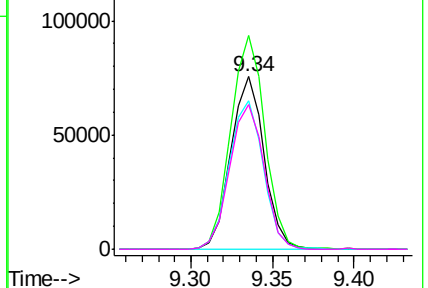
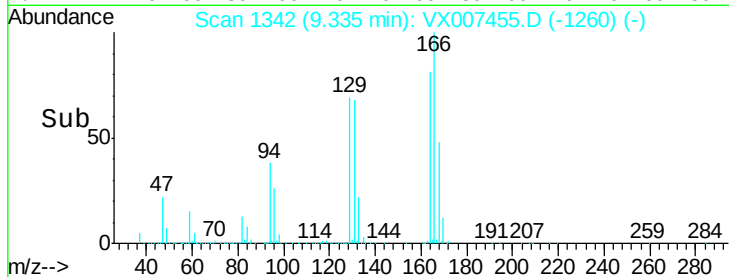


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.936 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007455.D

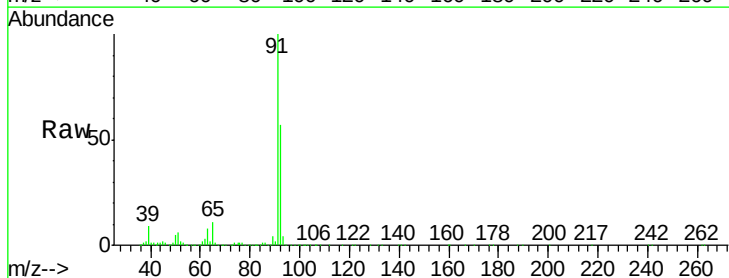
Acq: 08 Feb 2019 21:02

Tgt Ion: 91 Resp: 389656

Ion Ratio Lower Upper

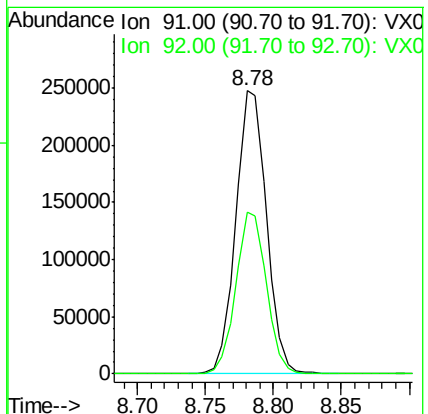
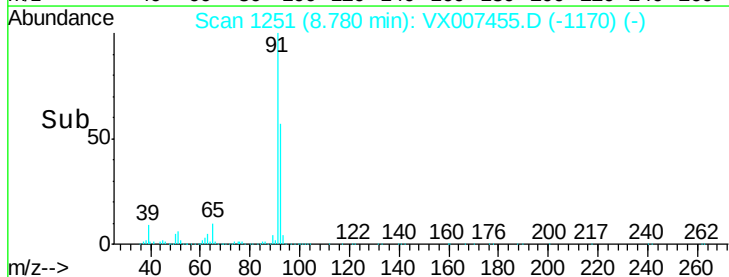
91 100

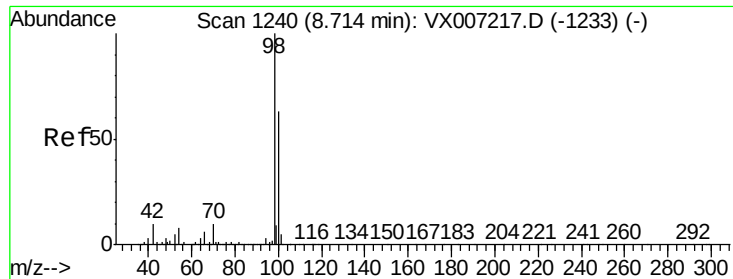
92 56.5 46.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

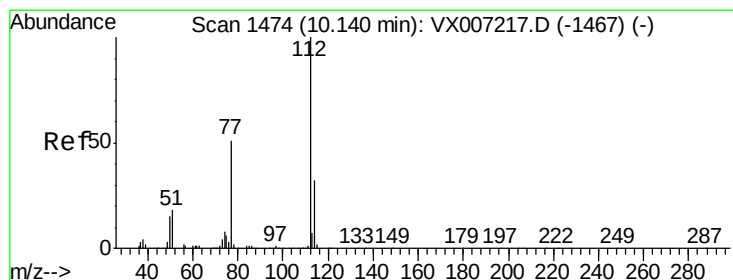
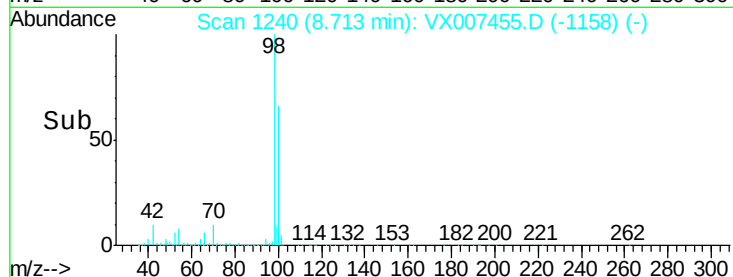
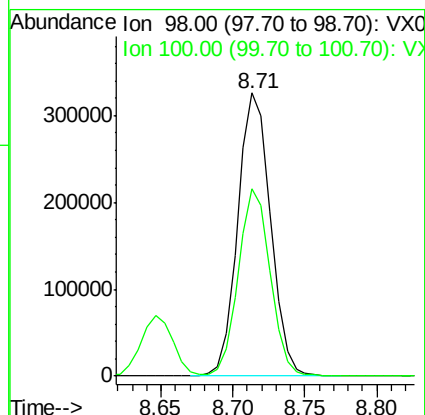
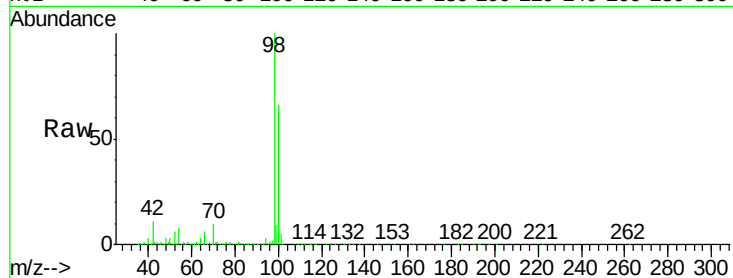




#63
Toluene-d8
Concen: 29.452 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

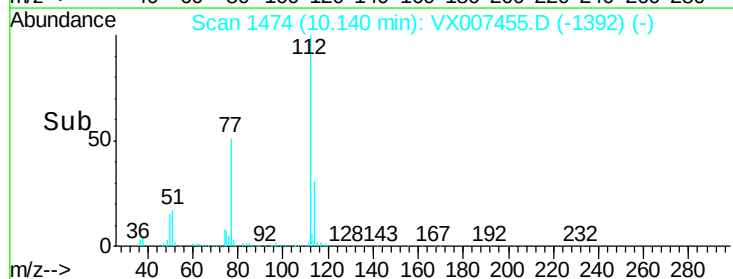
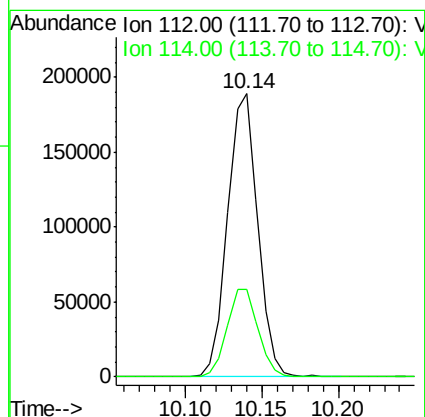
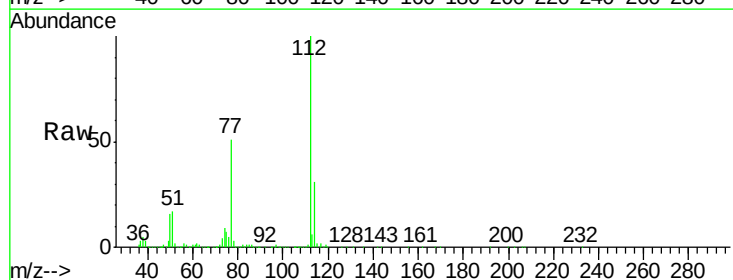
Instrument :
MSVOA_X
ClientSampleId :

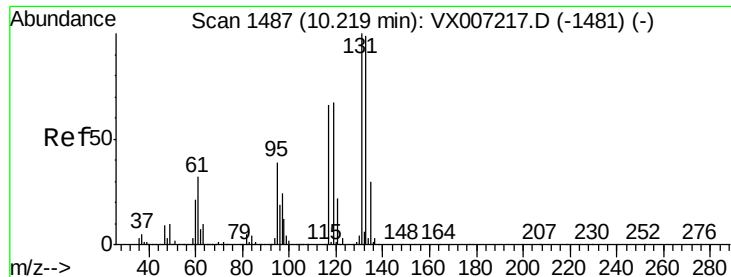
Tot Ion: 98 Resp: 515483
Ion Ratio Lower Upper
98 100
100 64.8 49.9 74.9



#64
Chlorobenzene
Concen: 20.079 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion: 112 Resp: 258892
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0

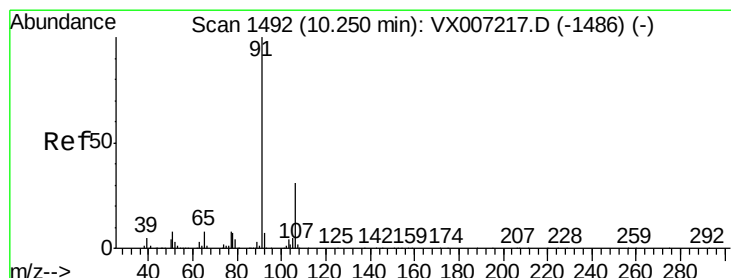
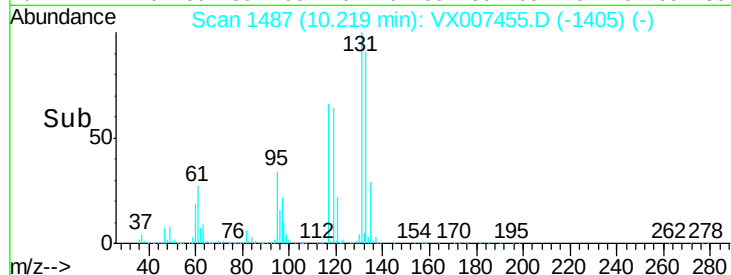
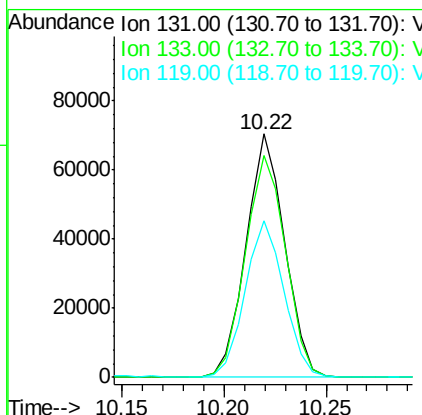
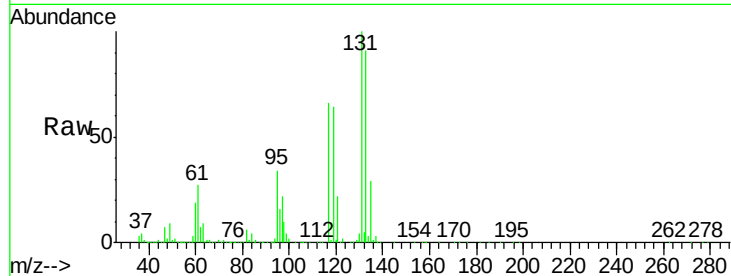




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.358 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

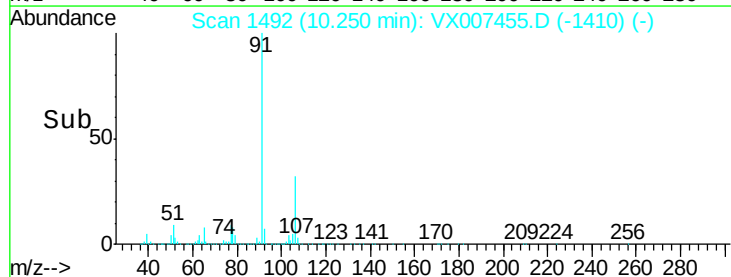
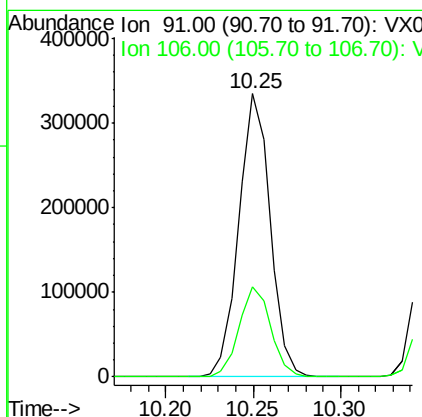
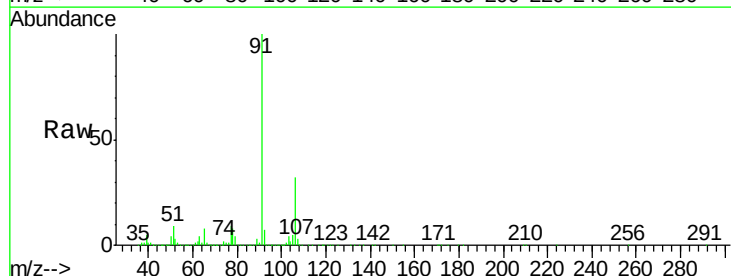
Instrument :
 MSVOA_X
 ClientSampled :

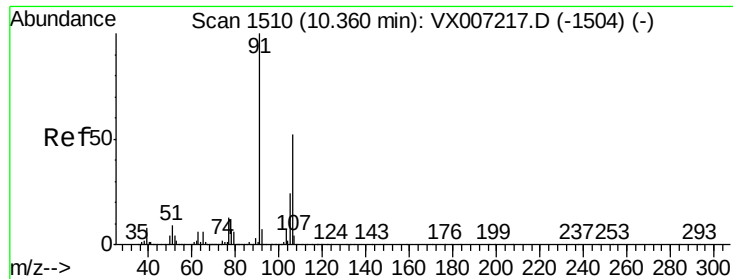
Tot Ion:131 Resp: 92974
 Ion Ratio Lower Upper
 131 100
 133 95.1 0.0 196.4
 119 64.6 0.0 134.4



#66
 Ethyl Benzene
 Concen: 19.732 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion: 91 Resp: 417852
 Ion Ratio Lower Upper
 91 100
 106 31.9 25.1 37.7





#67

m/p-Xylenes

Concen: 39.357 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

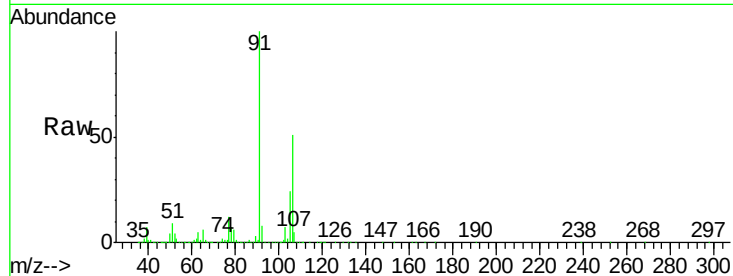
ClientSampleId :

Tot Ion:106 Resp: 329134

Ion Ratio Lower Upper

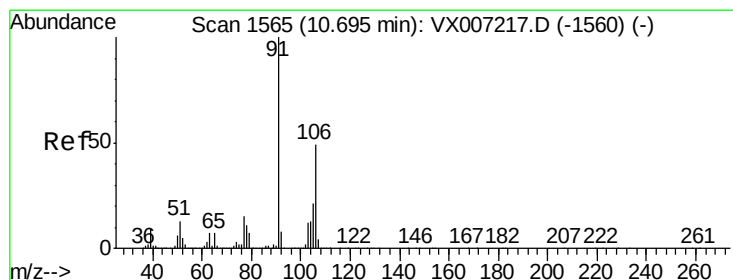
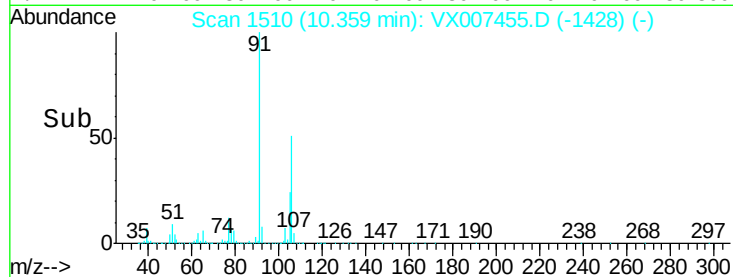
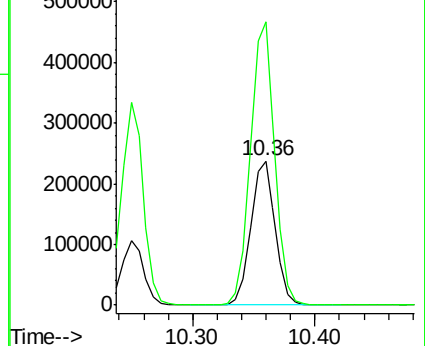
106 100

91 194.6 157.6 236.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.646 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX007455.D

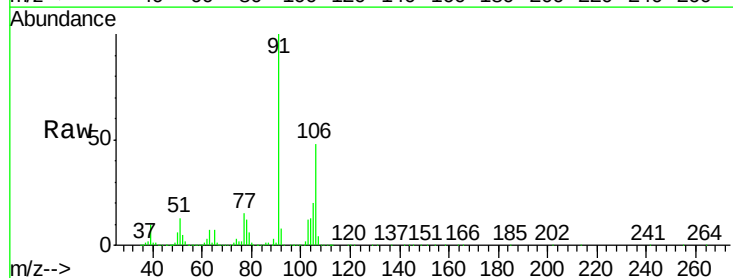
Acq: 08 Feb 2019 21:02

Tgt Ion:106 Resp: 160941

Ion Ratio Lower Upper

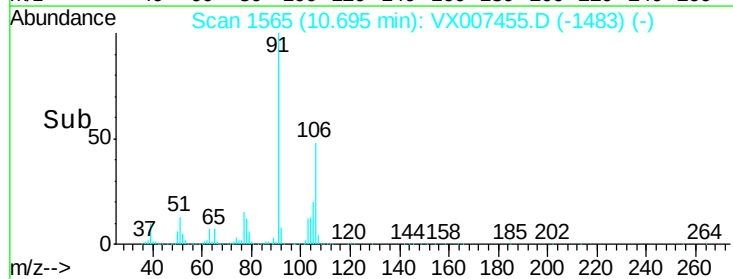
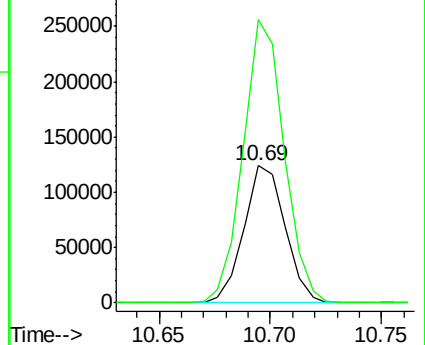
106 100

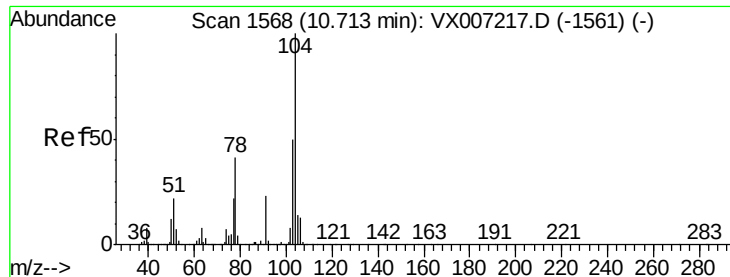
91 205.1 103.6 310.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 19.579 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

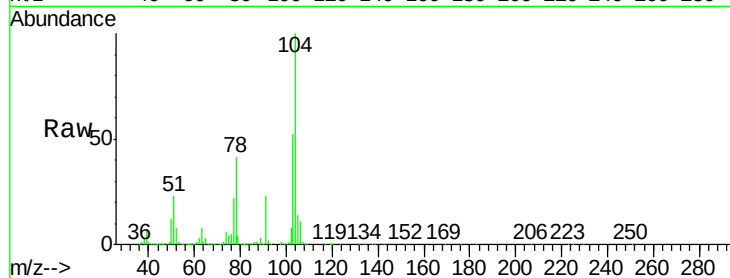
Tot Ion:104 Resp: 258766

Ion Ratio Lower Upper

104 100

78 47.7 37.8 56.8

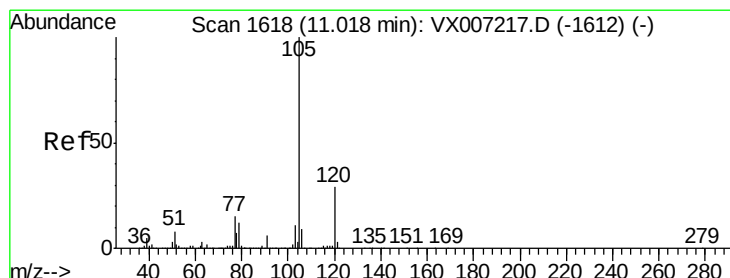
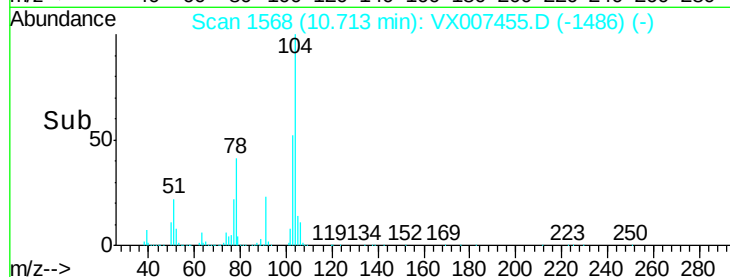
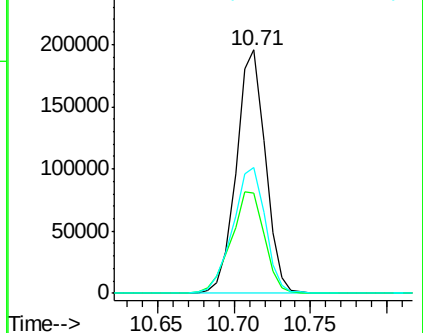
103 57.6 45.3 67.9



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.972 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007455.D

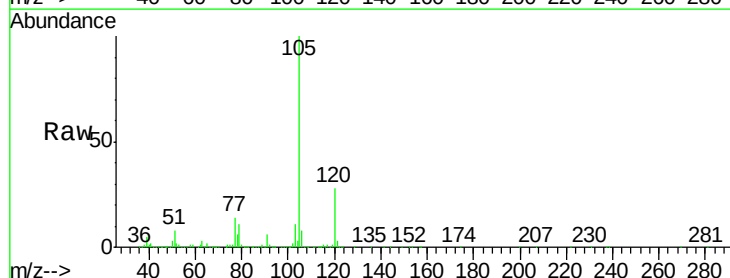
Acq: 08 Feb 2019 21:02

Tgt Ion:105 Resp: 433158

Ion Ratio Lower Upper

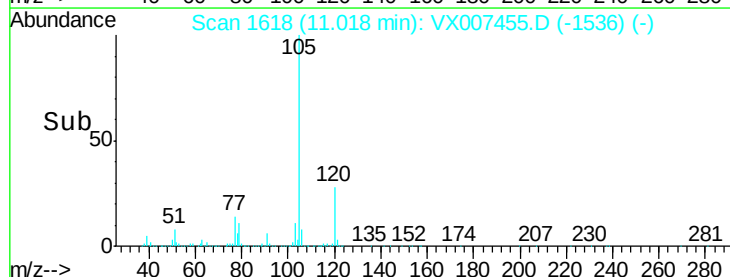
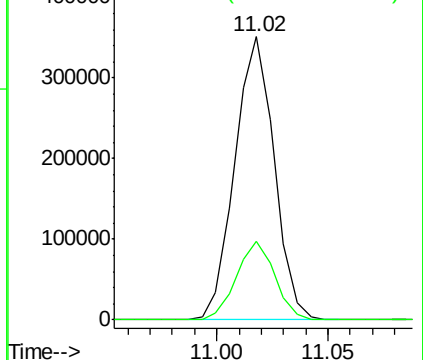
105 100

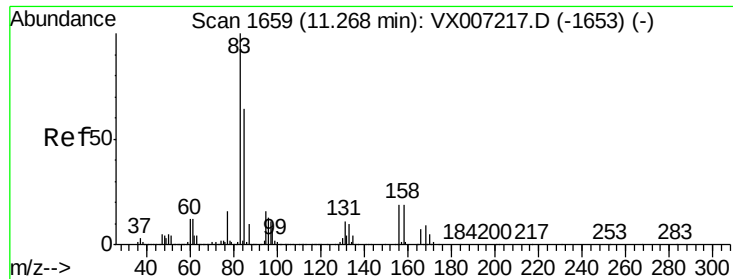
120 27.1 19.9 36.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 20.315 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampled :

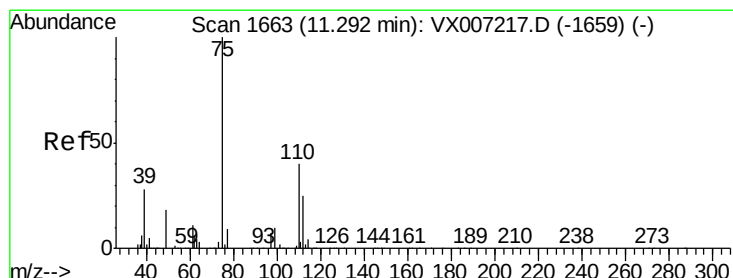
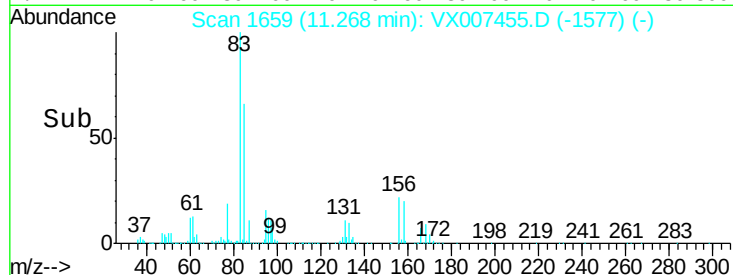
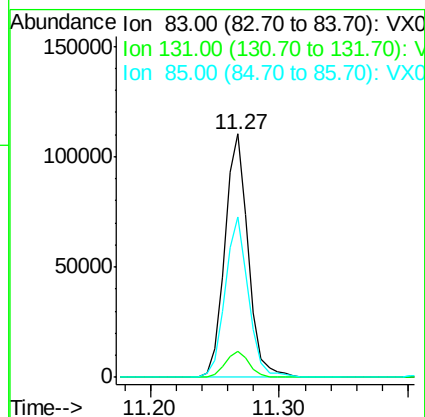
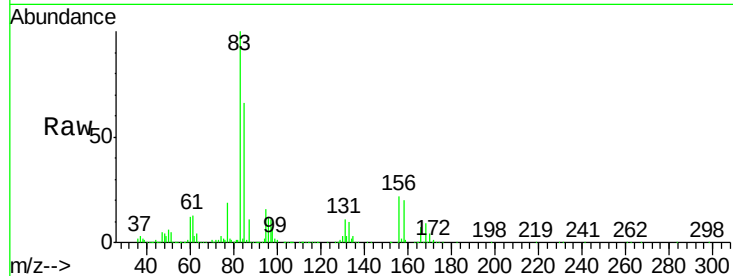
Tot Ion: 83 Resp: 141065

Ion Ratio Lower Upper

83 100

131 11.0 5.3 15.9

85 65.6 31.8 95.3



#72

1,2,3-Trichloropropane

Concen: 23.743 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007455.D

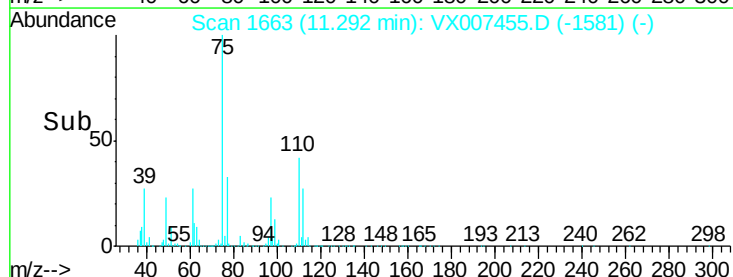
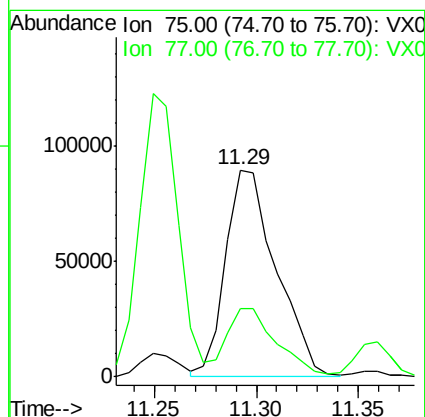
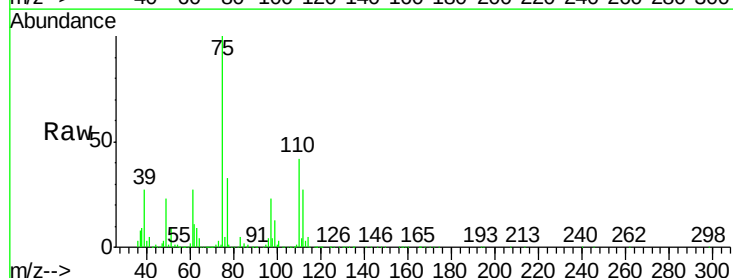
Acq: 08 Feb 2019 21:02

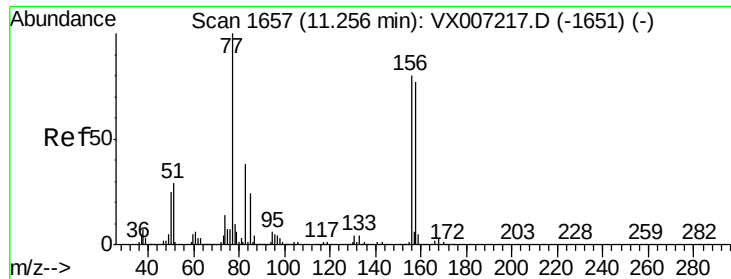
Tgt Ion: 75 Resp: 155005

Ion Ratio Lower Upper

75 100

77 32.5 0.0 73.2





#73

Bromobenzene

Concen: 19.597 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

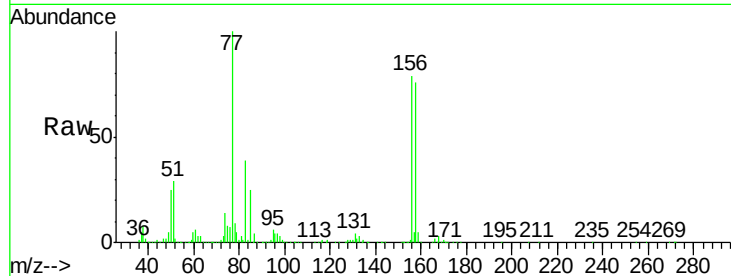
Tot Ion:156 Resp: 117638

Ion Ratio Lower Upper

156 100

77 135.6 0.0 267.0

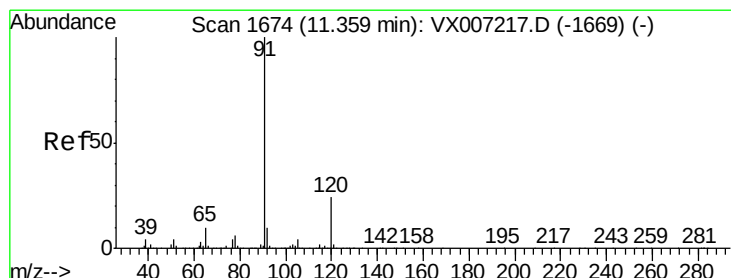
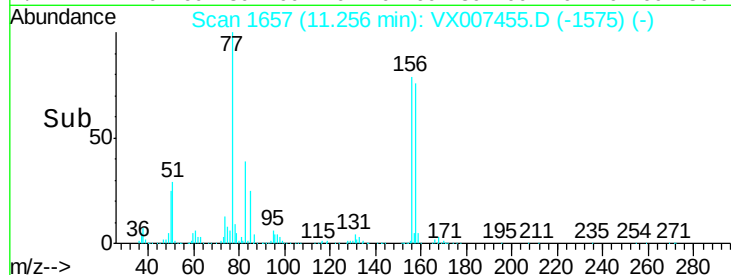
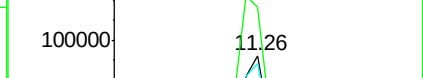
158 98.4 0.0 194.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.524 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007455.D

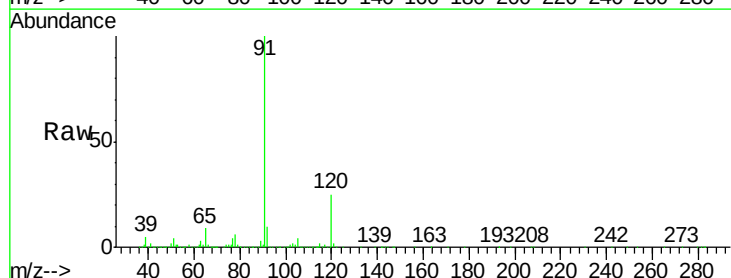
Acq: 08 Feb 2019 21:02

Tgt Ion: 91 Resp: 476548

Ion Ratio Lower Upper

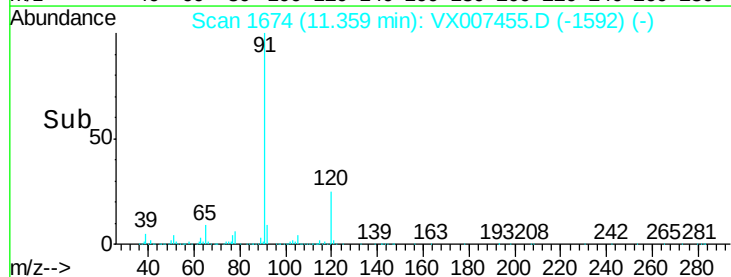
91 100

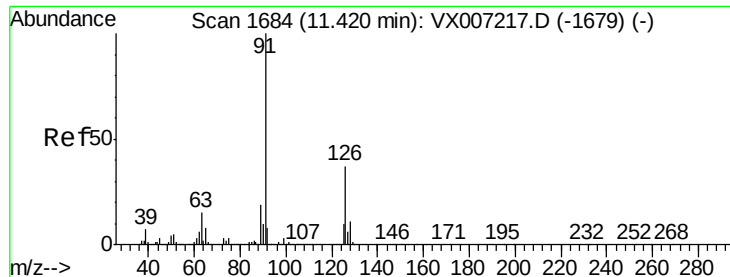
120 24.4 0.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.003 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

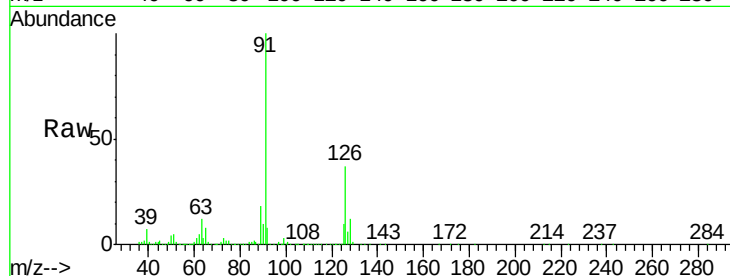
ClientSampled :

Tot Ion: 91 Resp: 289537

Ion Ratio Lower Upper

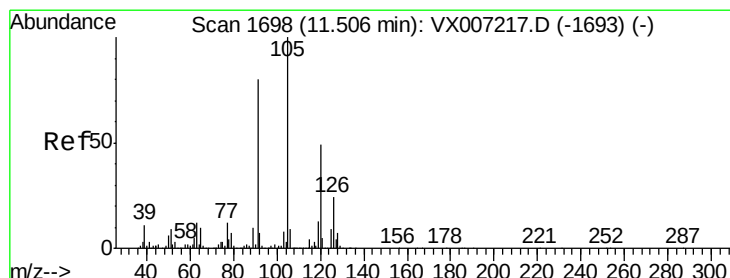
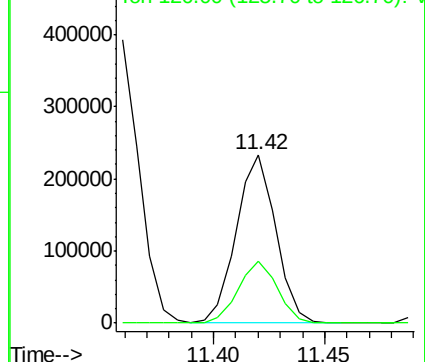
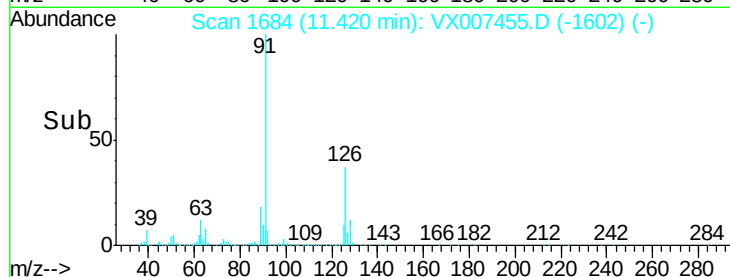
91 100

126 36.1 0.0 72.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.210 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007455.D

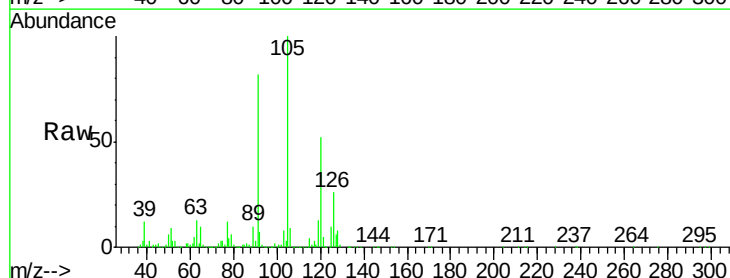
Acq: 08 Feb 2019 21:02

Tgt Ion:105 Resp: 347717

Ion Ratio Lower Upper

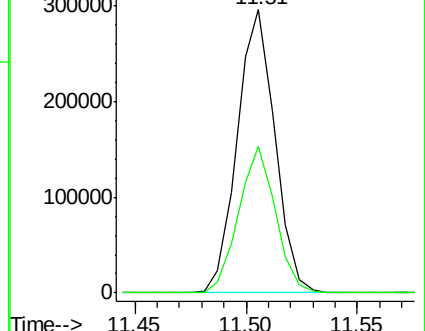
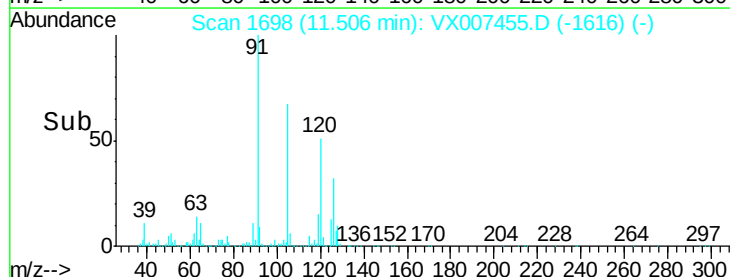
105 100

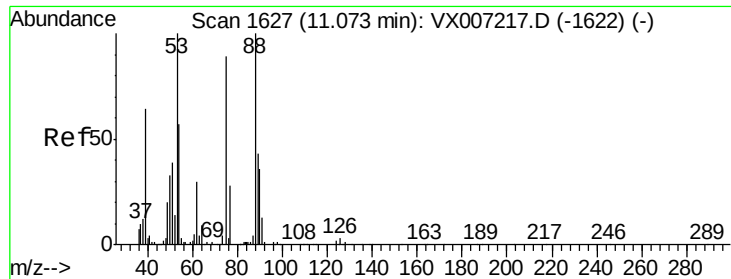
120 50.6 0.0 99.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

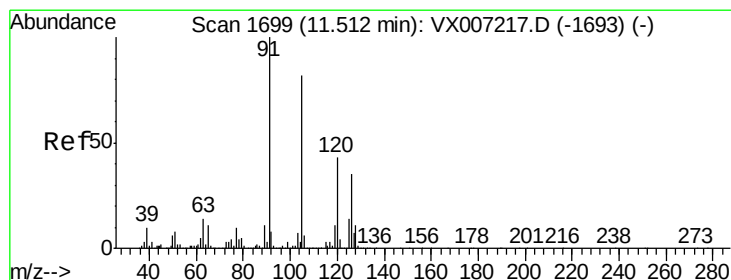
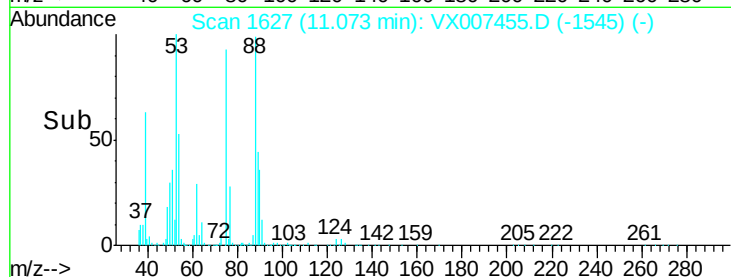
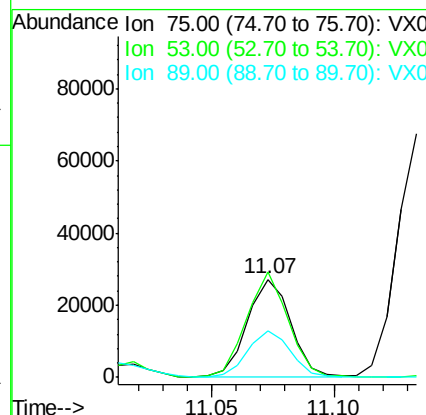
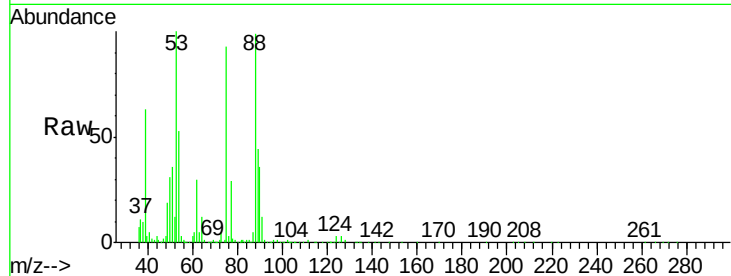




#77
t-1,4-Dichloro-2-butene
Concen: 17.708 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

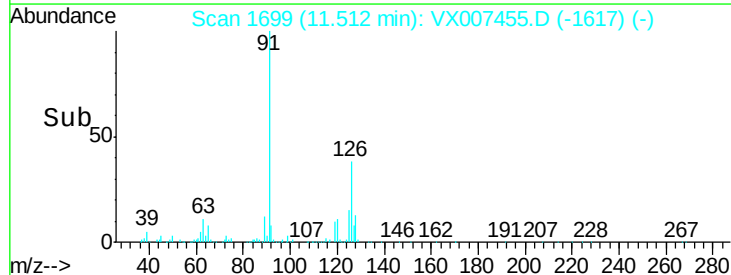
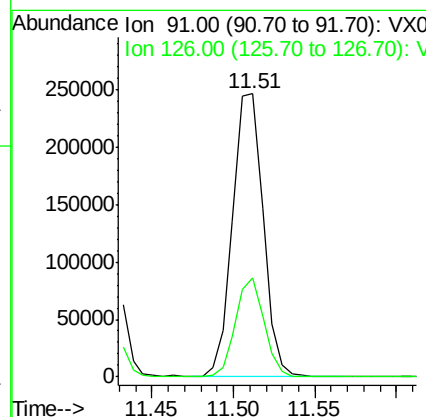
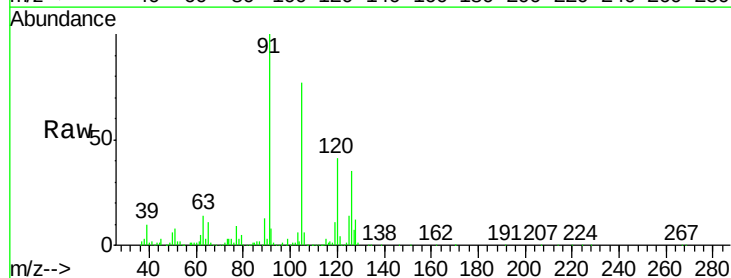
Instrument :
MSVOA_X
ClientSampleId :

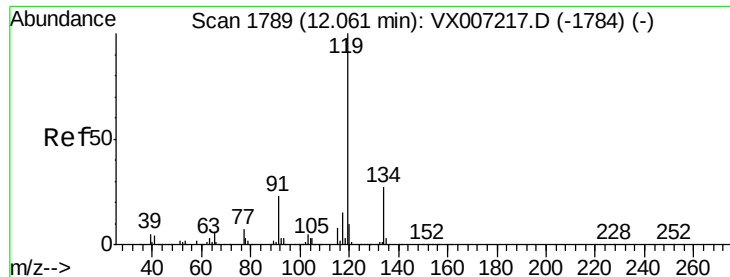
Tot Ion: 75 Resp: 33588
Ion Ratio Lower Upper
75 100
53 107.7 55.9 167.6
89 47.3 24.1 72.4



#78
4-Chlorotoluene
Concen: 19.190 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion: 91 Resp: 323410
Ion Ratio Lower Upper
91 100
126 32.3 0.0 63.8

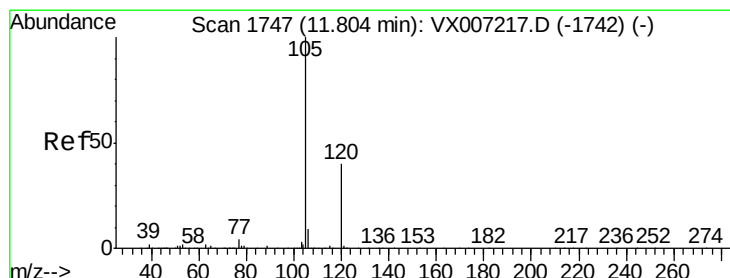
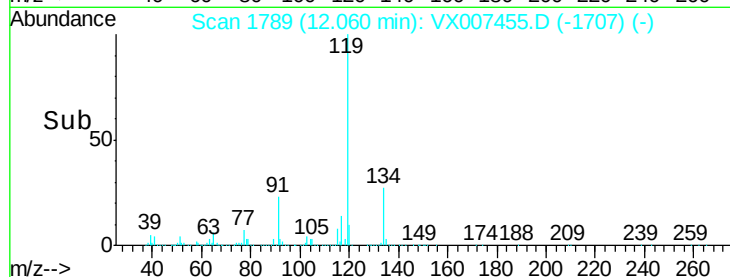
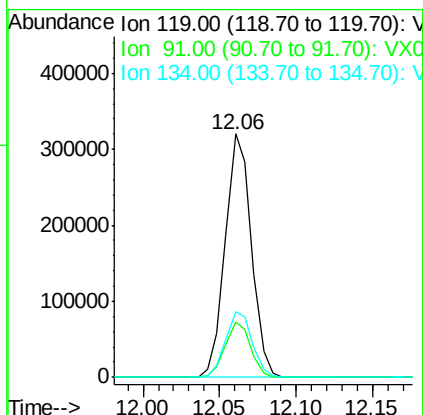
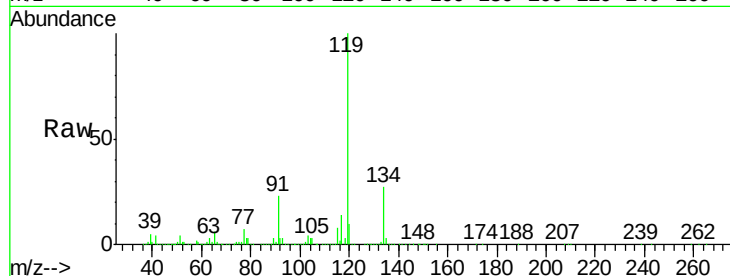




#79
tert-butylbenzene
Concen: 19.360 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

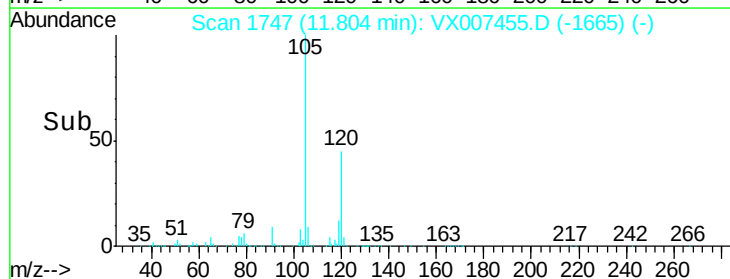
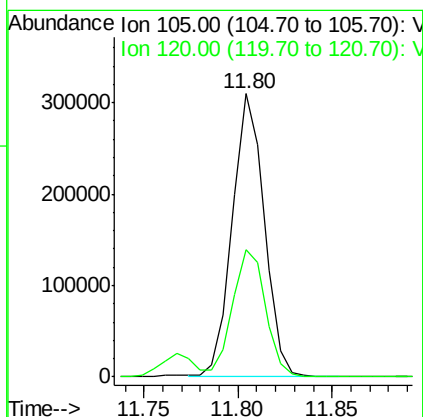
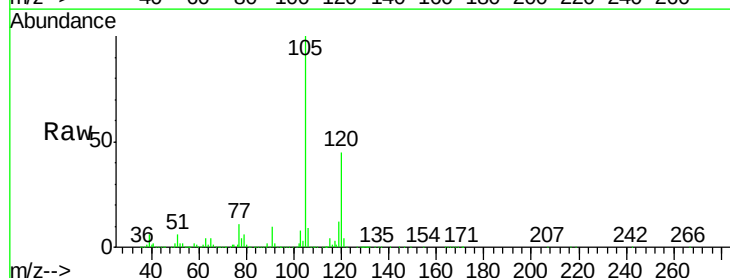
Instrument :
MSVOA_X
ClientSampleId :

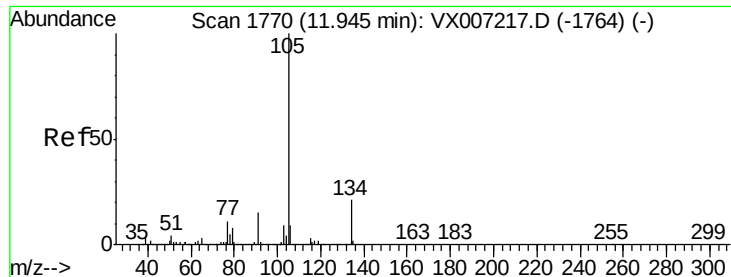
Tot Ion:119 Resp: 379154
Ion Ratio Lower Upper
119 100
91 22.4 0.0 45.0
134 27.5 0.0 55.8



#80
1,2,4-Trimethylbenzene
Concen: 19.920 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion:105 Resp: 365103
Ion Ratio Lower Upper
105 100
120 46.6 0.0 94.4





#81

sec-Butylbenzene

Concen: 19.405 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

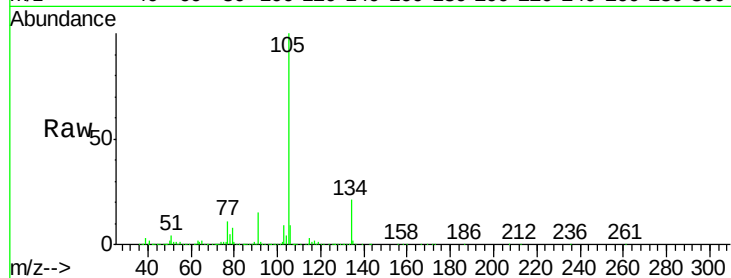
ClientSampleId :

Tot Ion:105 Resp: 423545

Ion Ratio Lower Upper

105 100

134 21.5 0.0 42.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

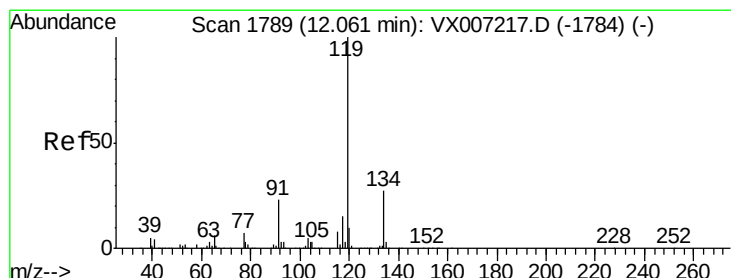
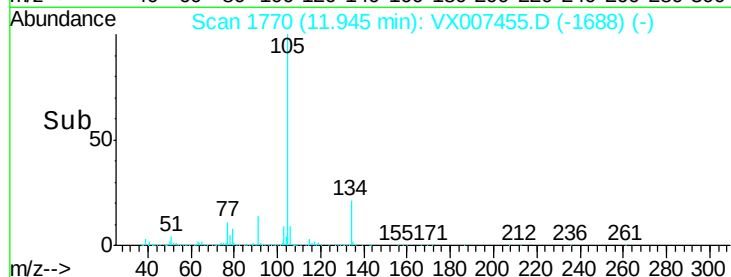
300000

200000

100000

0

Time--> 11.90 11.95 12.00



#82

p-Isopropyltoluene

Concen: 19.360 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

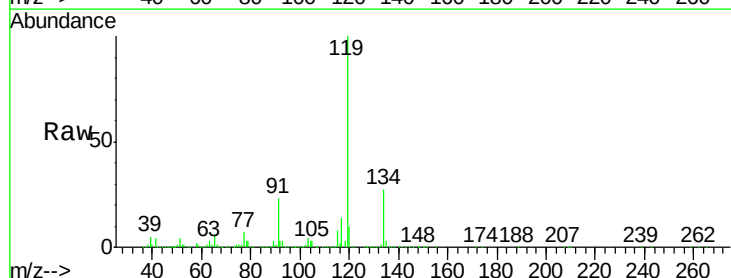
Tgt Ion:119 Resp: 379154

Ion Ratio Lower Upper

119 100

134 27.5 0.0 55.8

91 22.4 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

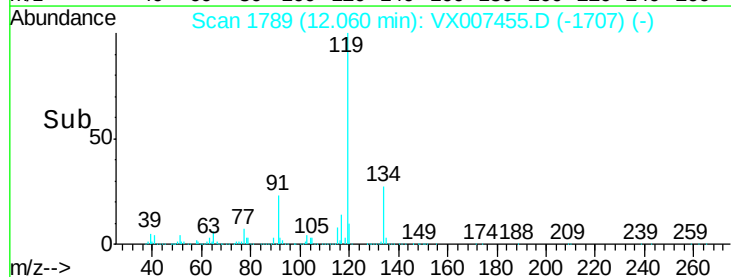
300000

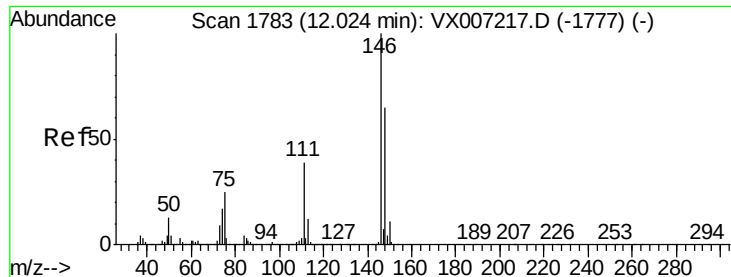
200000

100000

0

Time--> 12.00 12.05 12.10 12.15





#83

1,3-Dichlorobenzene

Concen: 19.529 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007455.D

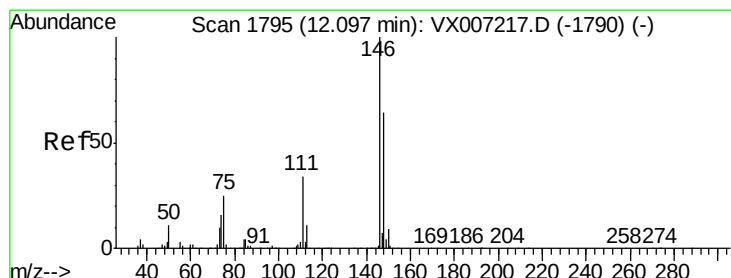
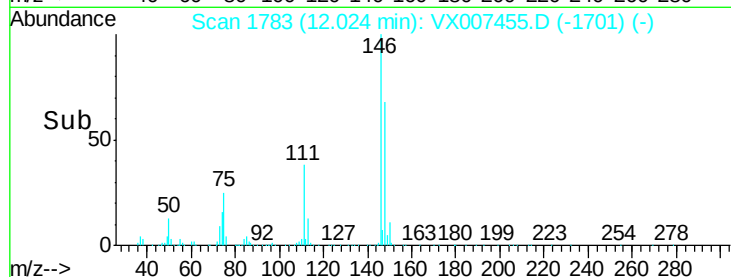
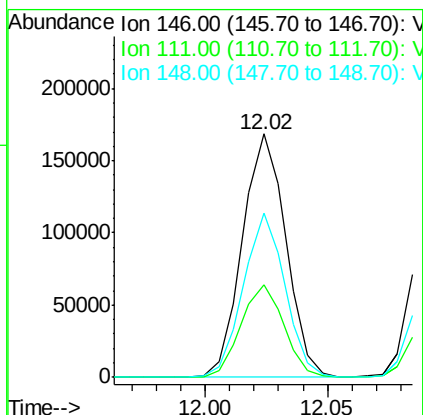
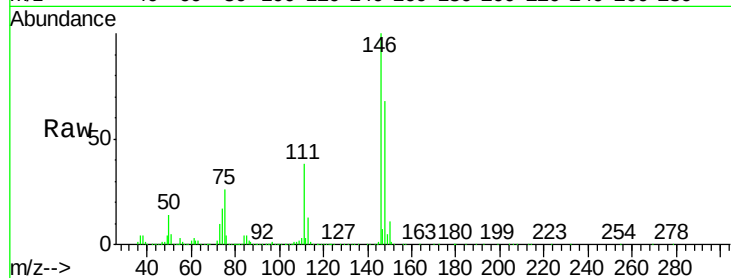
Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:146	Resp:	208390
Ion Ratio	Lower	Upper
146	100	
111	37.9	19.0 57.0
148	65.4	31.6 94.7



#84

1,4-Dichlorobenzene

Concen: 19.619 ug/l

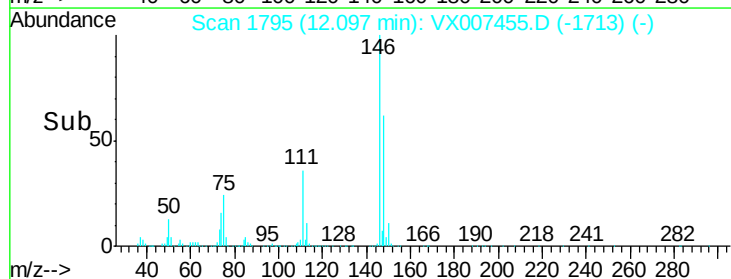
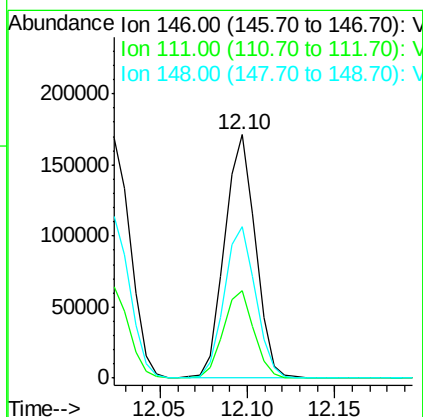
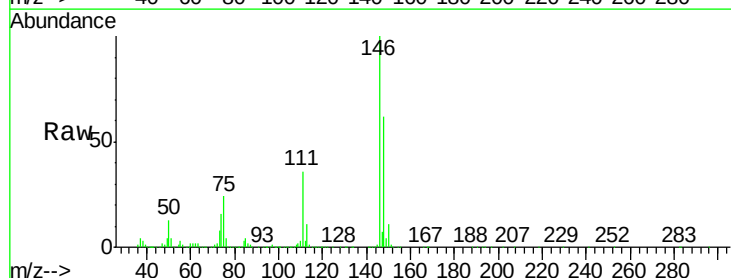
RT: 12.10 min Scan# 1795

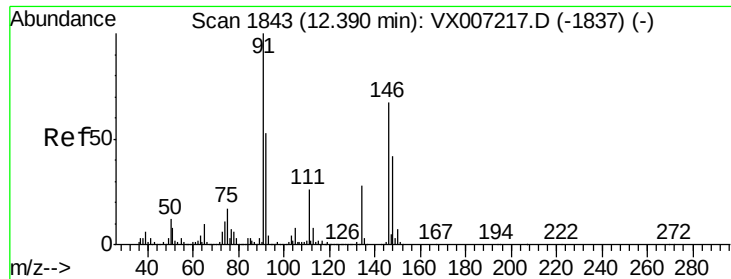
Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Tgt Ion:146	Resp:	209446
Ion Ratio	Lower	Upper
146	100	
111	36.1	17.4 52.2
148	63.4	31.9 95.5





#85

n-Butylbenzene

Concen: 18.144 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

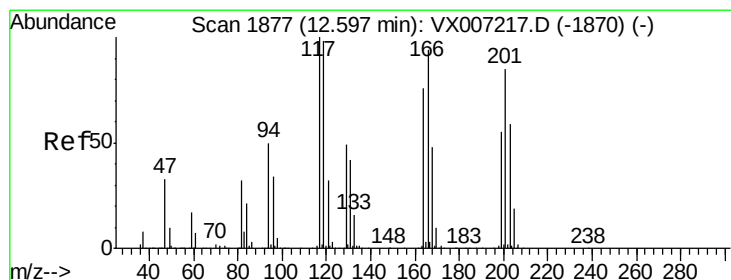
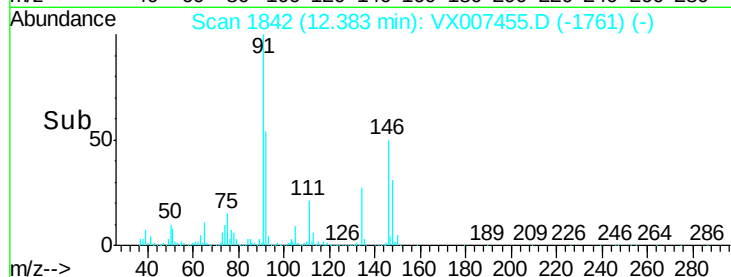
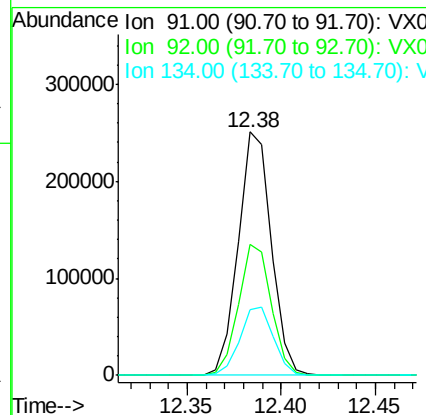
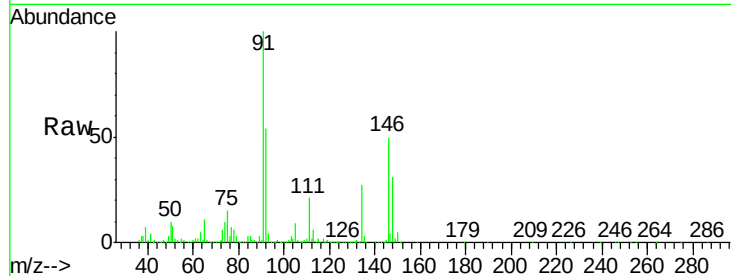
Tot Ion: 91 Resp: 304957

Ion Ratio Lower Upper

91 100

92 53.3 0.0 106.2

134 28.3 0.0 55.4



#86

Hexachloroethane

Concen: 18.563 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007455.D

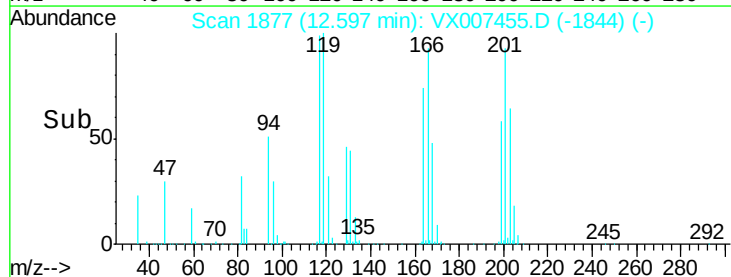
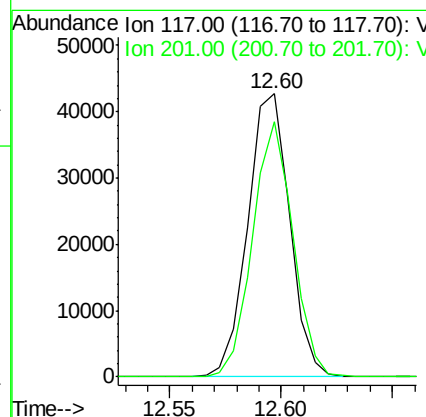
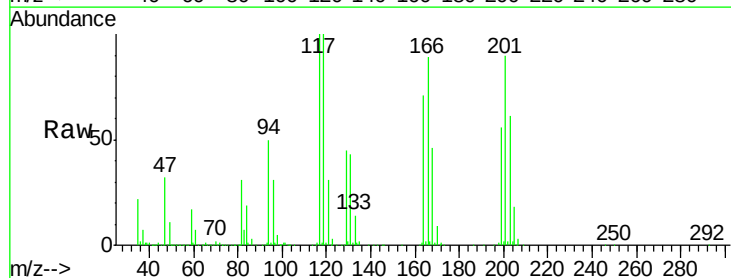
Acq: 08 Feb 2019 21:02

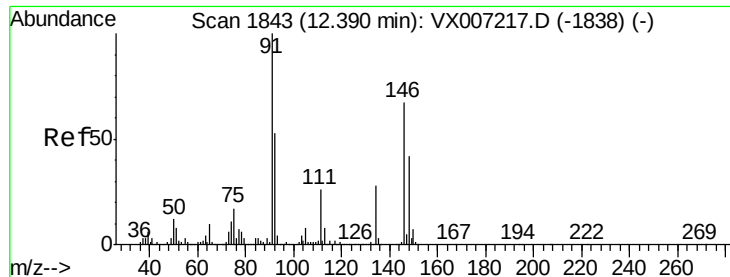
Tgt Ion: 117 Resp: 56209

Ion Ratio Lower Upper

117 100

201 86.4 41.6 124.8

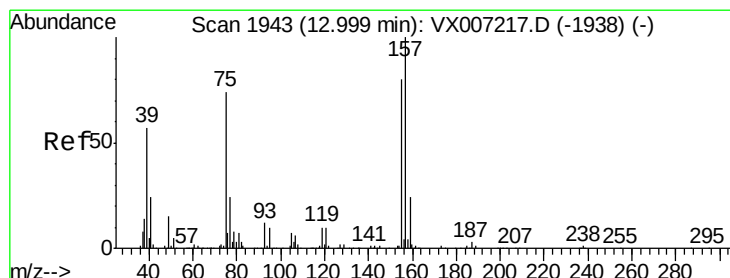
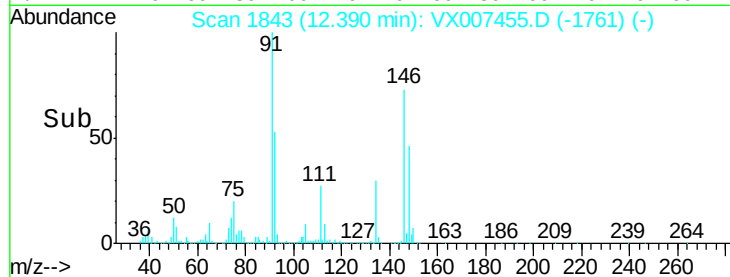
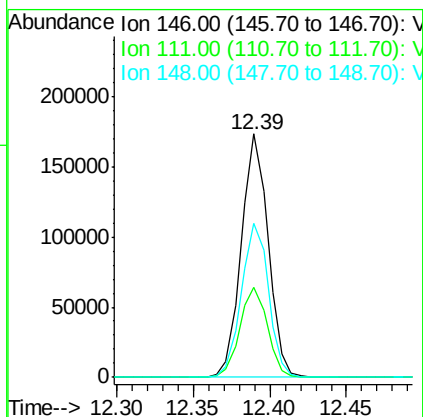
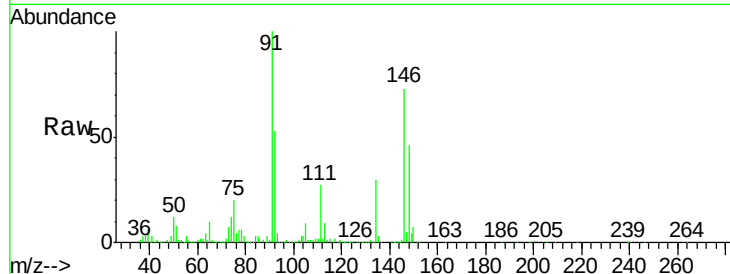




#87
 1,2-Dichlorobenzene
 Concen: 19.930 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

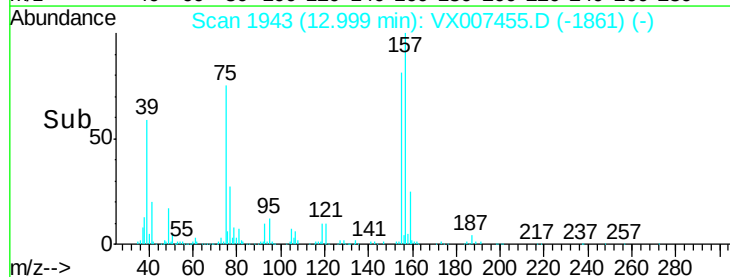
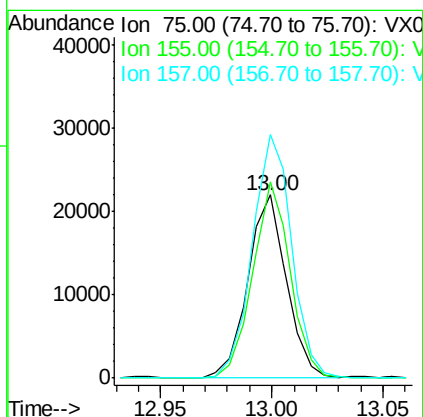
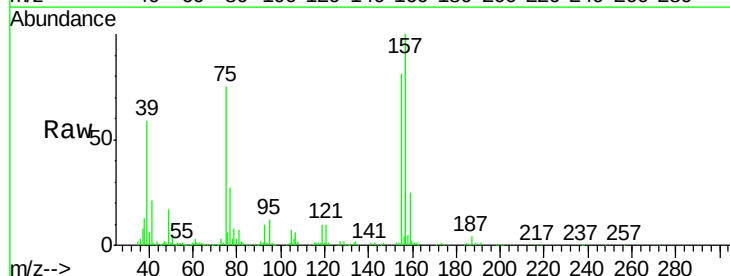
Instrument :
 MSVOA_X
 ClientSampleId :

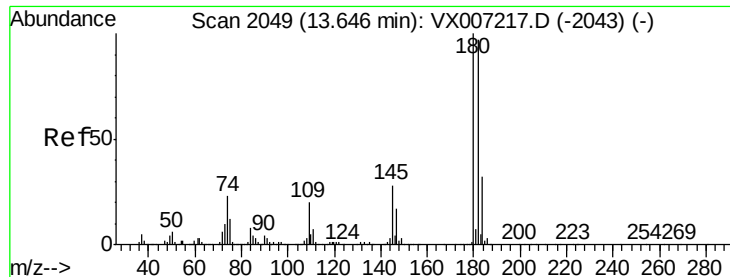
Tot Ion:146 Resp: 211760
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.3 57.9
 148 63.9 32.0 96.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.717 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion: 75 Resp: 26491
 Ion Ratio Lower Upper
 75 100
 155 104.6 82.8 124.2
 157 136.3 106.9 160.3

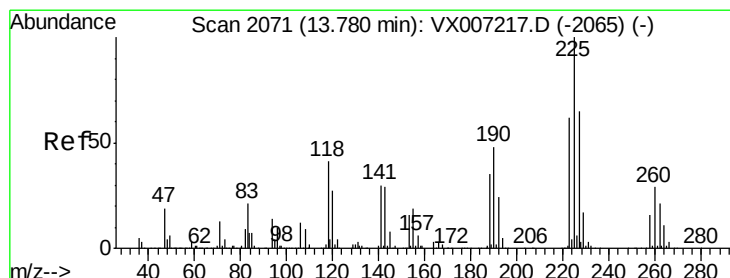
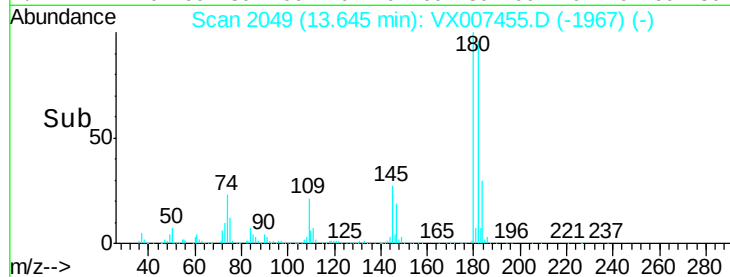
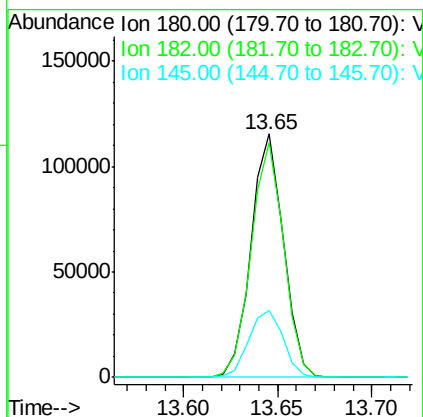
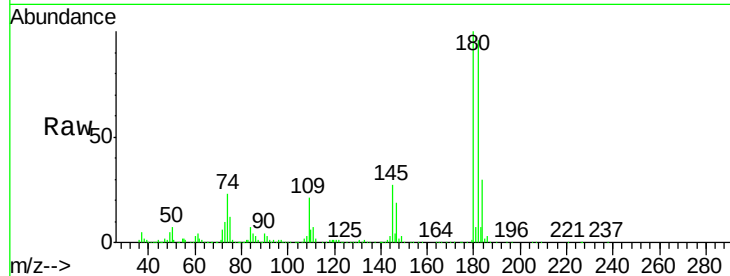




#89
 1,2,4-Trichlorobenzene
 Concen: 18.934 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

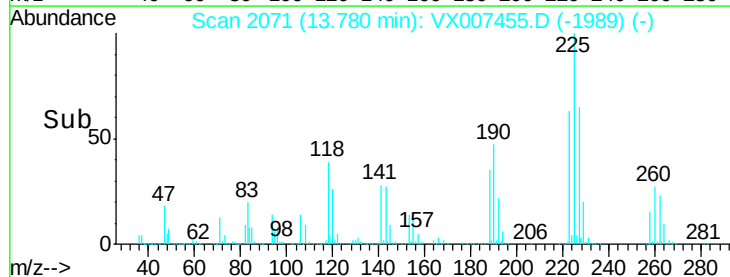
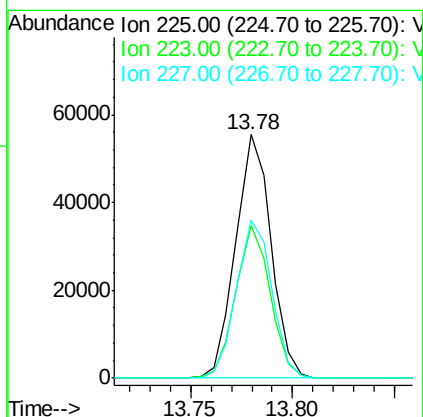
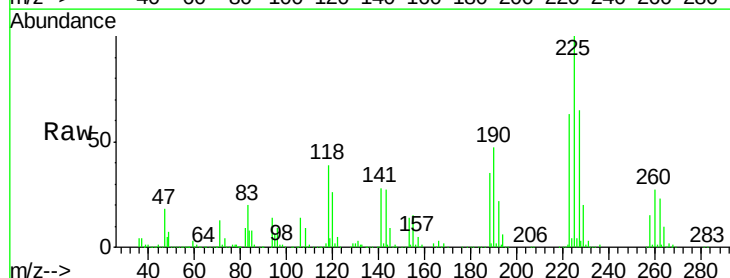
Instrument :
 MSVOA_X
 ClientSampleId :

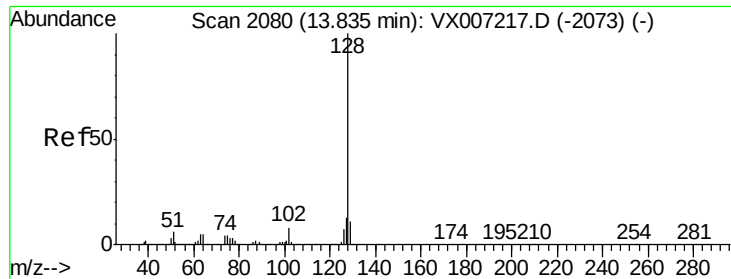
Tot Ion:180 Resp: 138108
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.7 115.1
 145 28.9 23.1 34.7



#90
 Hexachlorobutadiene
 Concen: 19.211 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion:225 Resp: 66834
 Ion Ratio Lower Upper
 225 100
 223 61.1 0.0 124.6
 227 65.4 0.0 128.2





#91

Naphthalene

Concen: 19.742 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

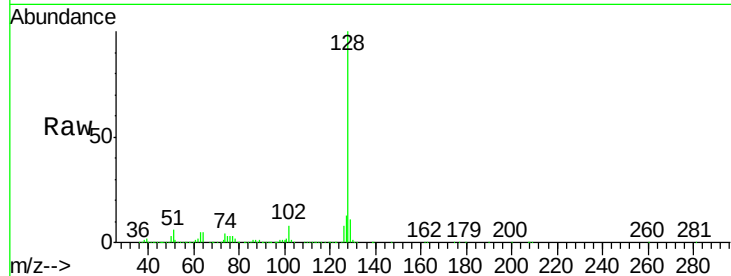
Tot Ion:128 Resp: 435898

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

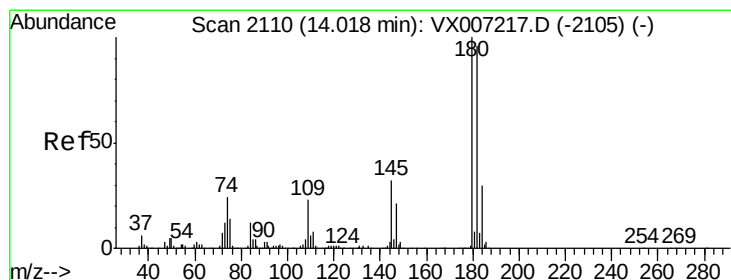
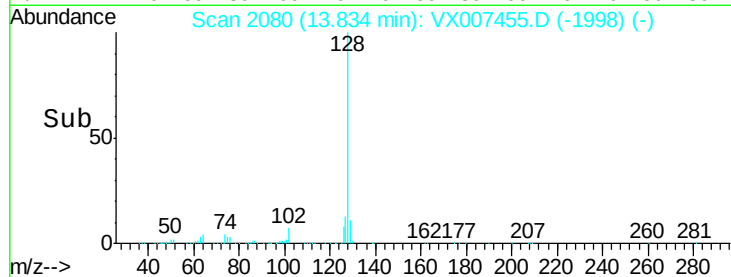
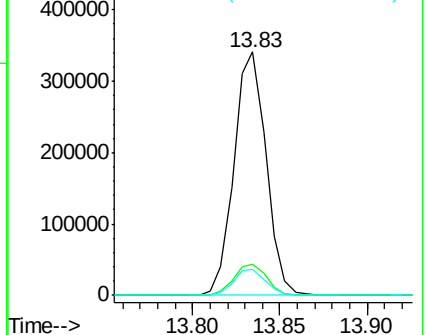
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.617 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

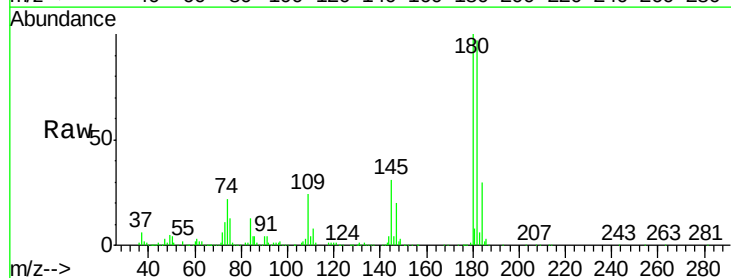
Tgt Ion:180 Resp: 141885

Ion Ratio Lower Upper

180 100

182 94.8 0.0 187.6

145 30.8 0.0 62.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

