

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010287.D
 Acq On : 13 Jun 2019 20:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 03:38:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	296681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	453306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	414074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211681	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	128930	44.52	ug/l	0.00
Spiked Amount			Recovery	=	89.04%	
35) Dibromofluoromethane	5.50	113	128690	46.02	ug/l	0.00
Spiked Amount			Recovery	=	92.04%	
50) Toluene-d8	8.71	98	490943	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.13	95	180866	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	130675	47.868	ug/l	99
3) Chloromethane	1.32	50	124618	45.966	ug/l	99
4) Vinyl Chloride	1.41	62	147581	57.919	ug/l	99
5) Bromomethane	1.64	94	53131	55.257	ug/l	98
6) Chloroethane	1.71	64	78856	61.382	ug/l	100
7) Trichlorofluoromethane	1.92	101	208764	55.157	ug/l	99
8) Diethyl Ether	2.19	74	74708	57.268	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.38	101	120462	46.171	ug/l	92
10) Methyl Iodide	2.51	142	169346	41.893	ug/l	97
11) Tert butyl alcohol	3.05	59	169993	239.620	ug/l	98
12) 1,1-Dichloroethene	2.37	96	122631	46.018	ug/l #	77
13) Acrolein	2.29	56	34176	264.199	ug/l	98
14) Allyl chloride	2.73	41	176308	43.830	ug/l #	89
15) Acrylonitrile	3.14	53	352985	243.429	ug/l	98
16) Acetone	2.45	43	299440	219.840	ug/l #	88
17) Carbon Disulfide	2.57	76	302820	39.328	ug/l	99
18) Methyl Acetate	2.78	43	149340	49.855	ug/l #	81
19) Methyl tert-butyl Ether	3.20	73	399572	46.672	ug/l	95
20) Methylene Chloride	2.85	84	138413	46.271	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	129171	43.801	ug/l #	79
22) Diisopropyl ether	3.85	45	375390	48.811	ug/l #	91
23) Vinyl Acetate	3.81	43	1625570	236.929	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	216336	46.330	ug/l	95
25) 2-Butanone	4.67	43	485205	239.222	ug/l #	80
26) 2,2-Dichloropropane	4.59	77	170311	39.980	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	153563	46.807	ug/l	77
28) Bromochloromethane	5.01	49	100802	48.167	ug/l #	49
29) Tetrahydrofuran	5.13	42	310143	243.312	ug/l #	75
30) Chloroform	5.21	83	229947	47.417	ug/l	96
31) Cyclohexane	5.57	56	192535	45.686	ug/l #	80
32) 1,1,1-Trichloroethane	5.49	97	204882	44.940	ug/l	93
36) 1,1-Dichloropropene	5.80	75	164680	44.529	ug/l	92
37) Ethyl Acetate	4.84	43	179265	46.587	ug/l #	92
38) Carbon Tetrachloride	5.79	117	186678	44.596	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	216813	43.053	ug/l #	83
40) Benzene	6.14	78	530681	46.405	ug/l	98
41) Methacrylonitrile	5.04	41	96697	46.456	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	165403	45.305	ug/l	93
43) Isopropyl Acetate	6.45	43	298869	46.453	ug/l #	89
44) Trichloroethene	7.21	130	158432	45.961	ug/l	86
45) 1,2-Dichloropropane	7.51	63	135233	47.246	ug/l	98
46) Dibromomethane	7.66	93	97284	45.367	ug/l	91
47) Bromodichloromethane	7.90	83	183611	45.823	ug/l	98
48) Methyl methacrylate	7.77	41	141508	47.030	ug/l #	77
49) 1,4-Dioxane	7.74	88	78059	909.918	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	959582	249.662	ug/l	90
52) Toluene	8.79	92	355326	47.268	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	202363	43.662	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	221576	44.595	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	149399	48.527	ug/l	97
56) Ethyl methacrylate	9.18	69	232796	47.869	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	229580	47.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	552495	240.987	ug/l #	86
59) 2-Hexanone	9.49	43	741171	241.858	ug/l	88
60) Dibromochloromethane	9.58	129	171550	47.110	ug/l	100
61) 1,2-Dibromoethane	9.67	107	161862	47.206	ug/l	100
64) Tetrachloroethene	9.34	164	152991	49.746	ug/l	98
65) Chlorobenzene	10.13	112	402551	47.103	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	154869	47.122	ug/l	100
67) Ethyl Benzene	10.25	91	681980	46.876	ug/l	94
68) m/p-Xylenes	10.36	106	528565	93.886	ug/l	90
69) o-Xylene	10.69	106	263227	47.035	ug/l	88
70) Styrene	10.71	104	447617	47.225	ug/l	95
71) Bromoform	10.85	173	138428	45.817	ug/l	99
73) Isopropylbenzene	11.02	105	689614	46.669	ug/l	95
74) N-amyl acetate	10.90	43	271403	46.463	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	235764	46.610	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	264156	62.389	ug/l	83
77) Bromobenzene	11.26	156	189576	46.653	ug/l	81
78) n-propylbenzene	11.36	91	763413	46.406	ug/l	94
79) 2-Chlorotoluene	11.42	91	451436	45.691	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	572002	45.959	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	78742	41.090	ug/l	86
82) 4-Chlorotoluene	11.51	91	517211	46.082	ug/l	92
83) tert-Butylbenzene	11.77	119	577507	45.845	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	584346	46.482	ug/l	97
85) sec-Butylbenzene	11.94	105	682572	46.509	ug/l	96
86) p-Isopropyltoluene	12.06	119	624505	46.547	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	333673	46.618	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	330020	45.739	ug/l	98
89) n-Butylbenzene	12.38	91	534236	46.259	ug/l	97
90) Hexachloroethane	12.60	117	115356	43.162	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	328612	47.225	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49425	41.524	ug/l	66

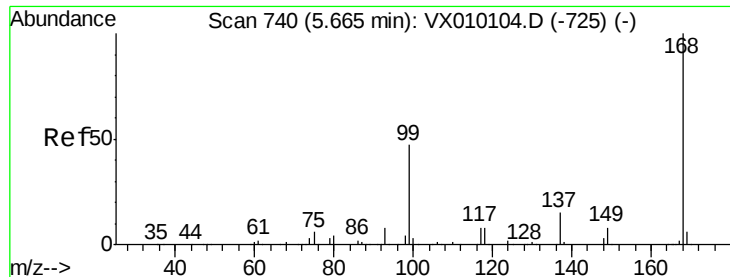
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	231092	45.370	ug/l	99
94) Hexachlorobutadiene	13.78	225	108204	47.767	ug/l	100
95) Naphthalene	13.83	128	754947	47.084	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	233925	46.449	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

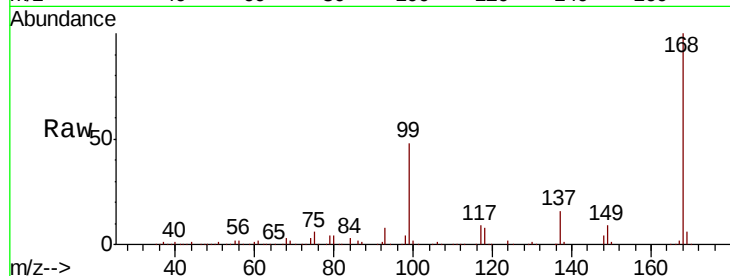
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 296681

Ion Ratio Lower Upper

168 100

99 47.6 43.0 64.6

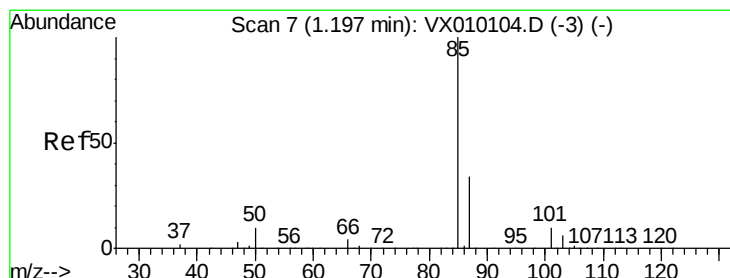
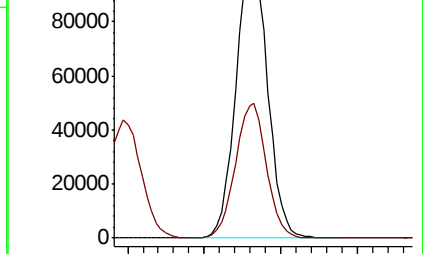
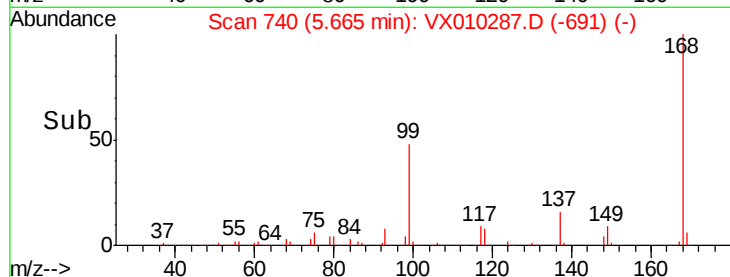


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 47.868 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010287.D

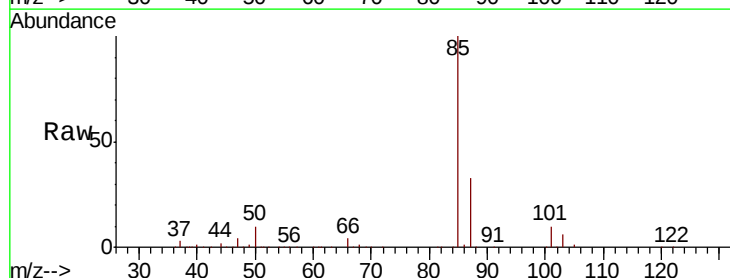
Acq: 13 Jun 2019 20:53

Tgt Ion: 85 Resp: 130675

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2

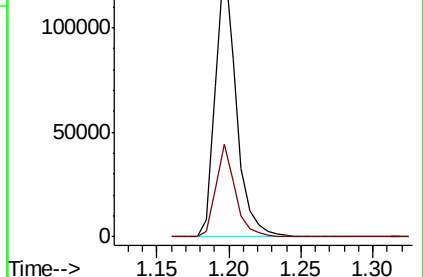
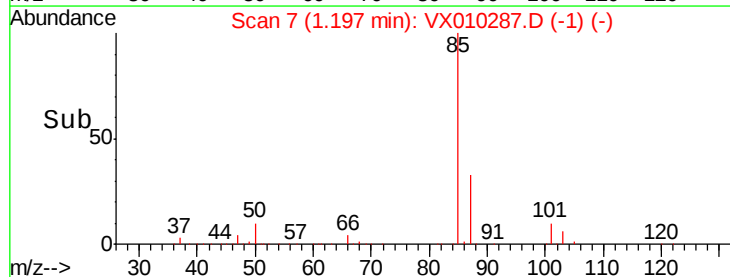


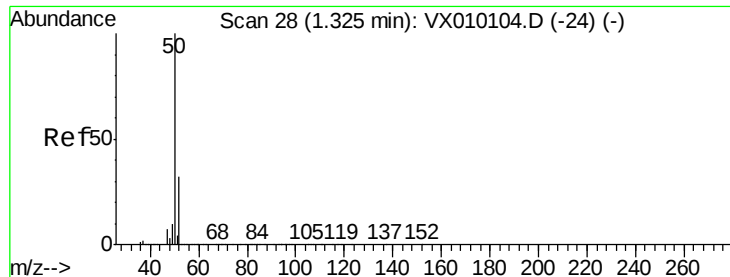
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 45.966 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

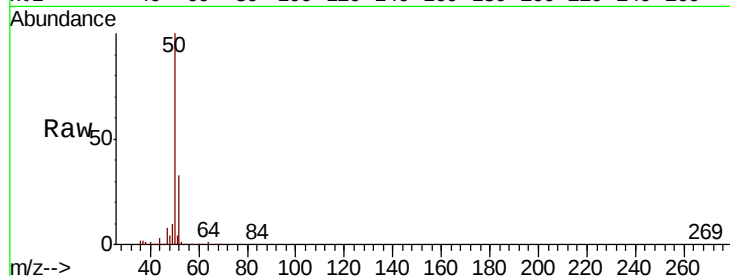
ClientSampleId :

Tot Ion: 50 Resp: 124618

Ion Ratio Lower Upper

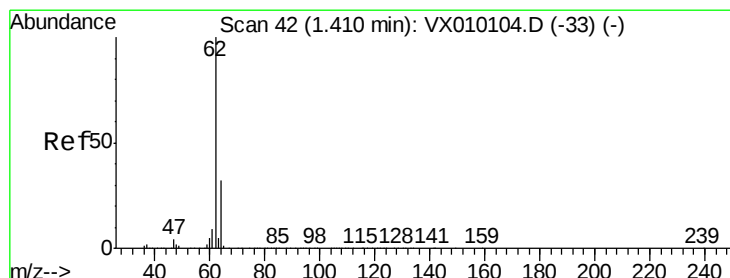
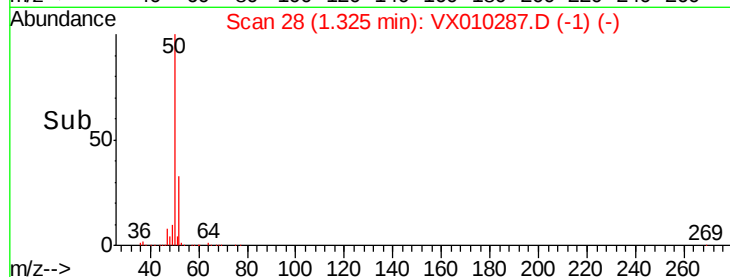
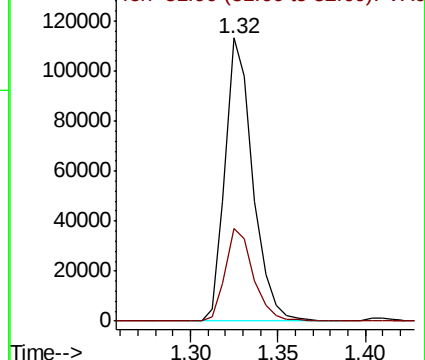
50 100

52 32.8 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 57.919 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010287.D

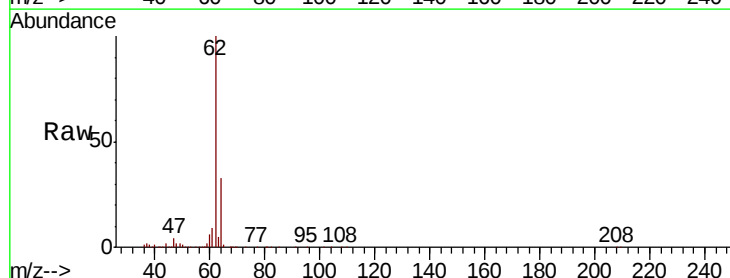
Acq: 13 Jun 2019 20:53

Tgt Ion: 62 Resp: 147581

Ion Ratio Lower Upper

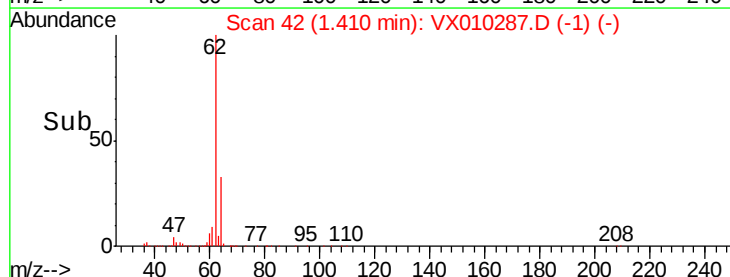
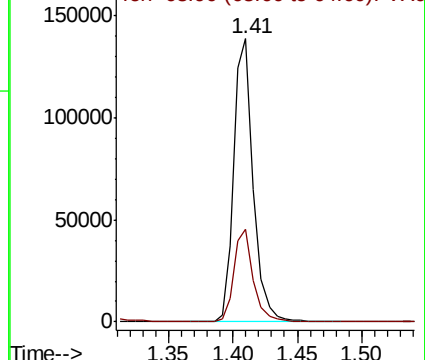
62 100

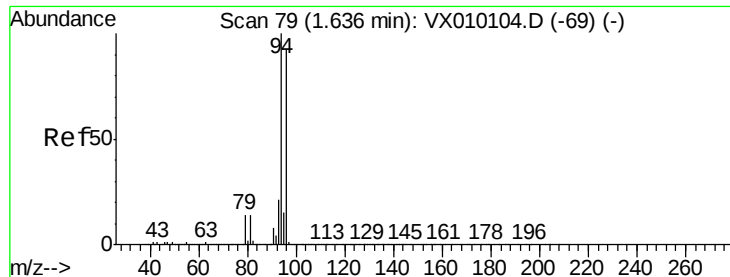
64 32.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.257 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

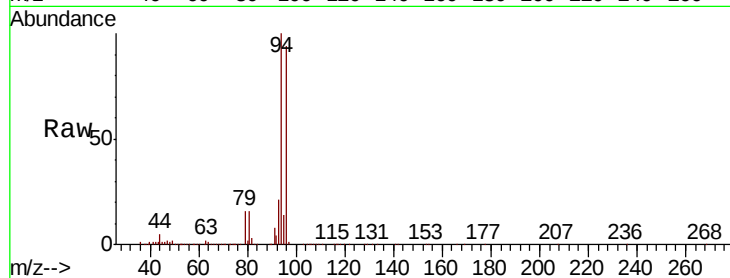
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 53131

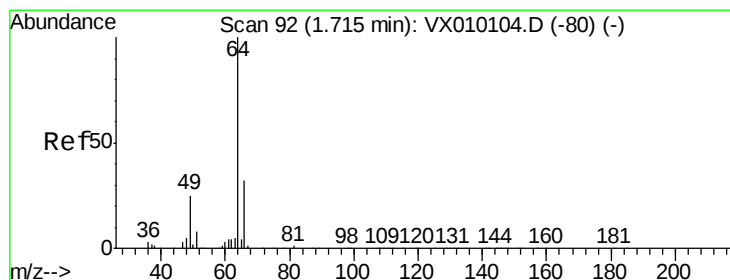
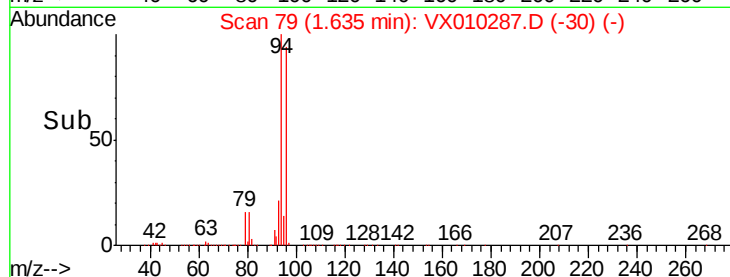
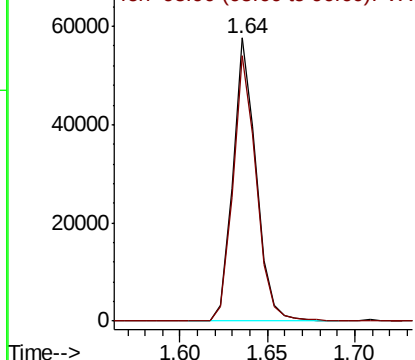
Ion Ratio Lower Upper

94 100

96 93.8 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 61.382 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010287.D

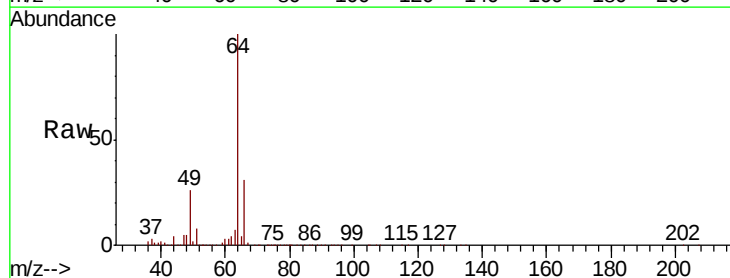
Acq: 13 Jun 2019 20:53

Tgt Ion: 64 Resp: 78856

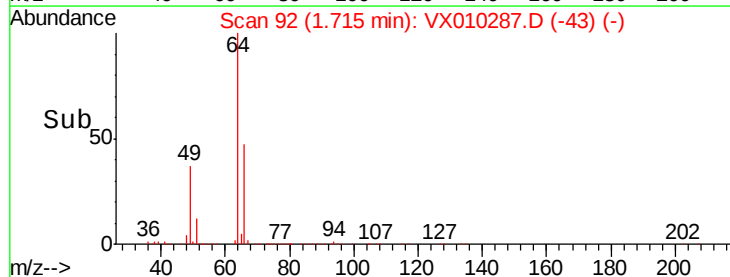
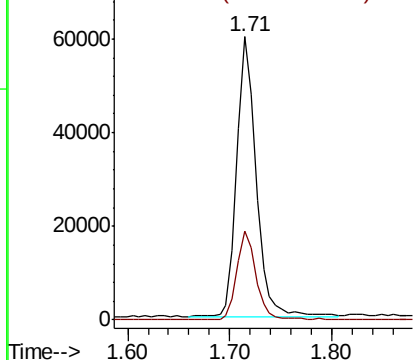
Ion Ratio Lower Upper

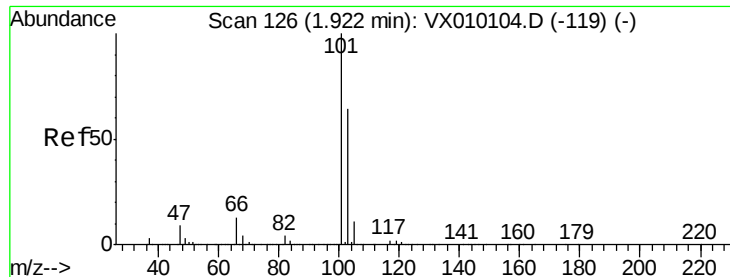
64 100

66 31.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



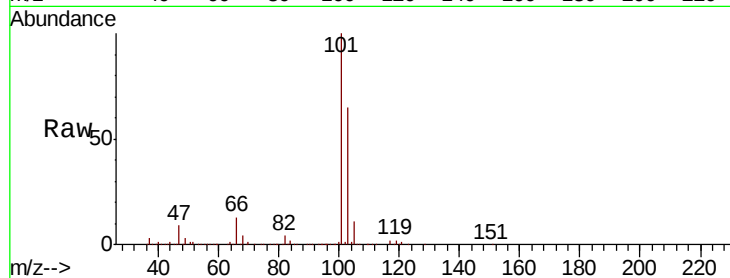


#7

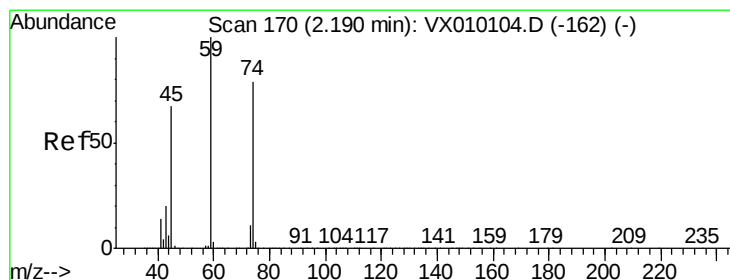
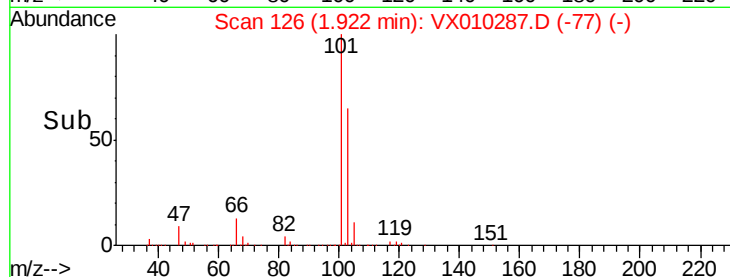
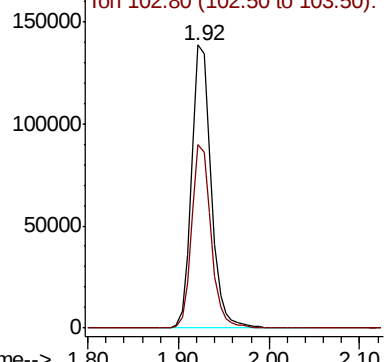
Trichlorofluoromethane
Concen: 55.157 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 208764
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4



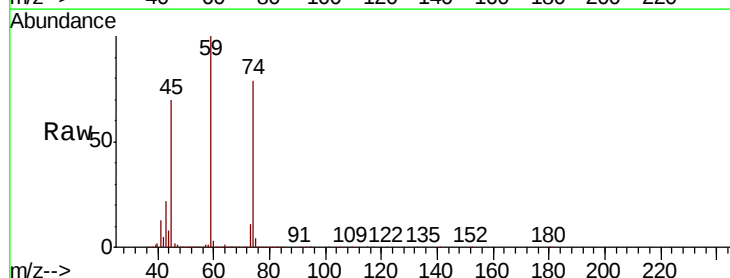
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



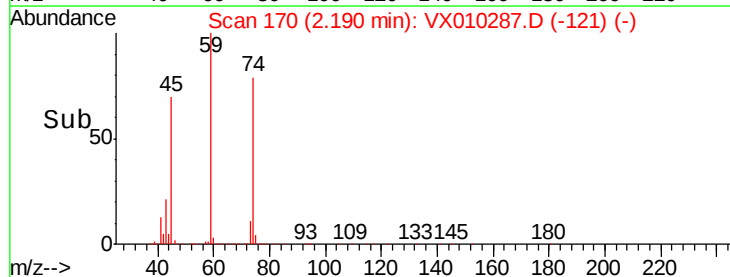
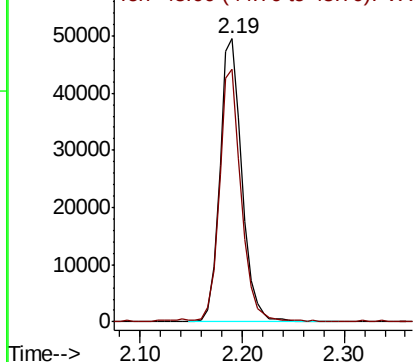
#8

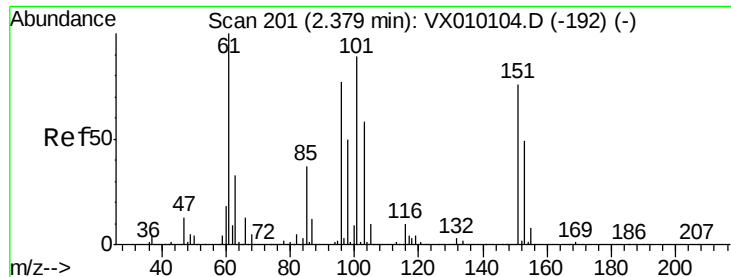
Diethyl Ether
Concen: 57.268 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

Tgt Ion: 74 Resp: 74708
Ion Ratio Lower Upper
74 100
45 86.5 56.1 168.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.171 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

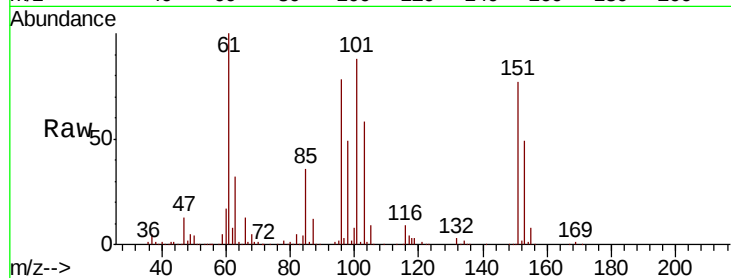
Tot Ion:101 Resp: 120462

Ion Ratio Lower Upper

101 100

85 41.4 35.2 52.8

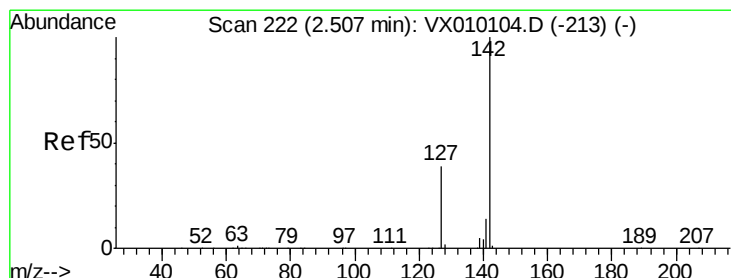
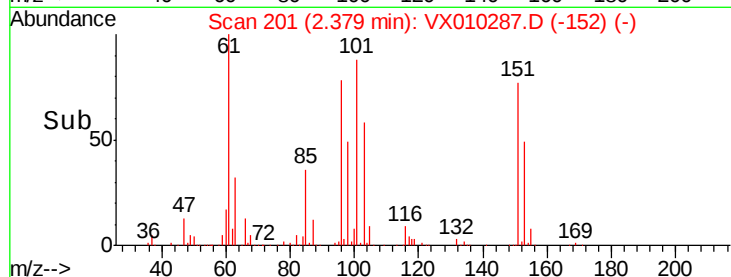
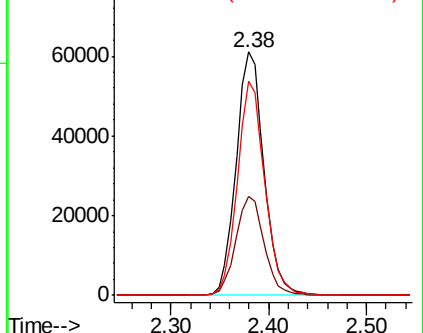
151 86.4 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.893 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

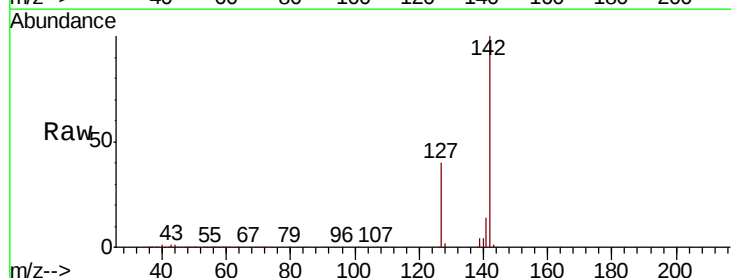
Tgt Ion:142 Resp: 169346

Ion Ratio Lower Upper

142 100

127 38.9 33.0 49.4

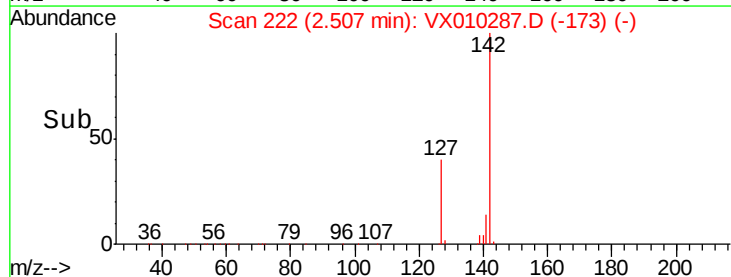
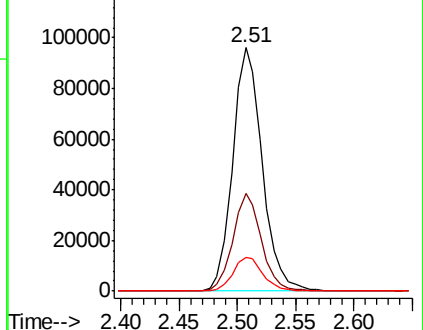
141 14.1 11.4 17.0

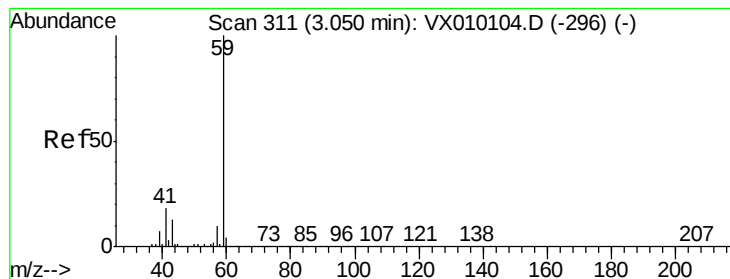


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



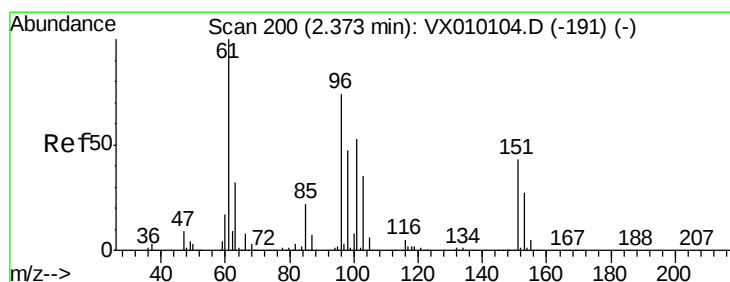
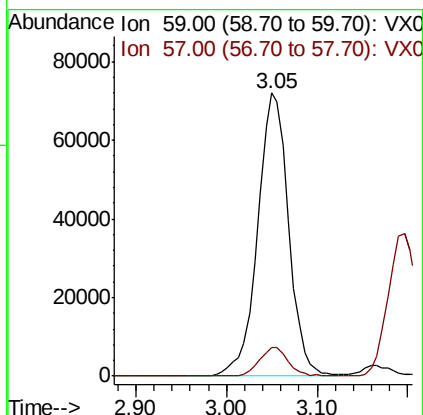
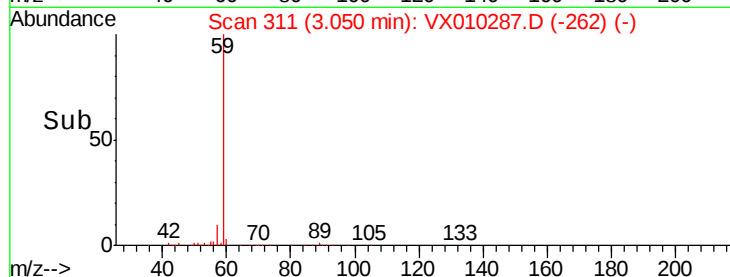
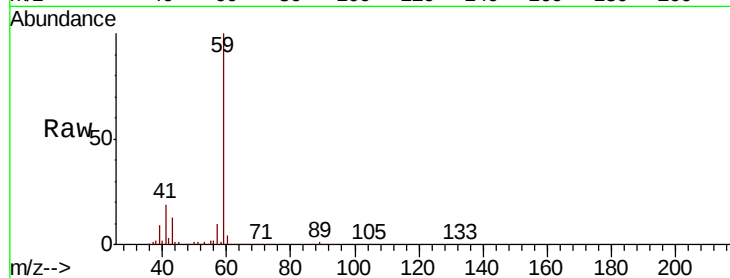


#11

Tert butyl alcohol
 Concen: 239.620 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX010287.D
 Acq: 13 Jun 2019 20:53

Instrument :
 MSVOA_X
 ClientSampled :

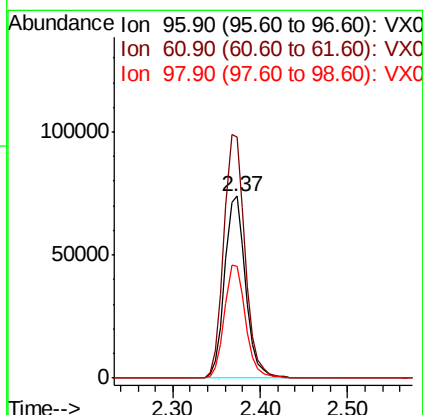
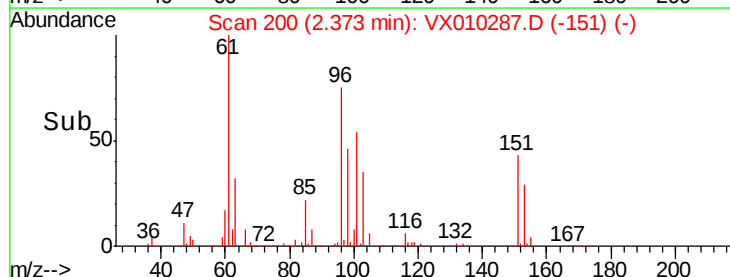
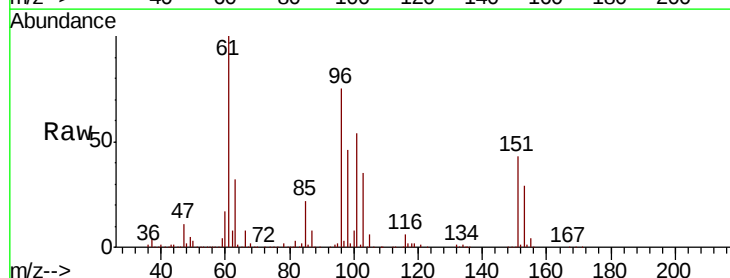
Tot Ion: 59 Resp: 169993
 Ion Ratio Lower Upper
 59 100
 57 9.3 8.2 12.2

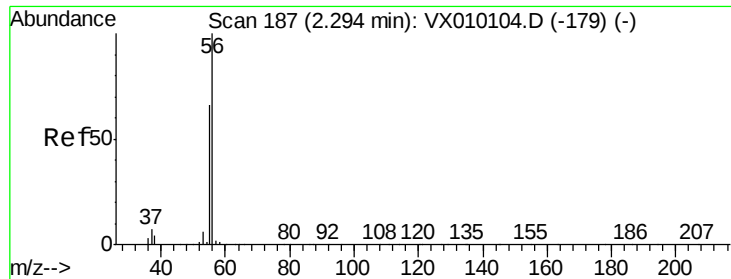


#12

1,1-Dichloroethene
 Concen: 46.018 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010287.D
 Acq: 13 Jun 2019 20:53

Tgt Ion: 96 Resp: 122631
 Ion Ratio Lower Upper
 96 100
 61 132.8 140.7 211.1#
 98 61.6 50.1 75.1





#13

Acrolein

Concen: 264.199 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

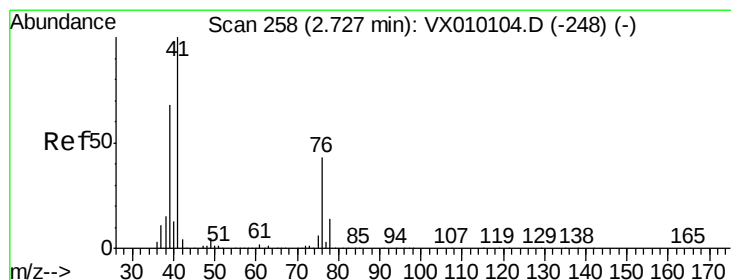
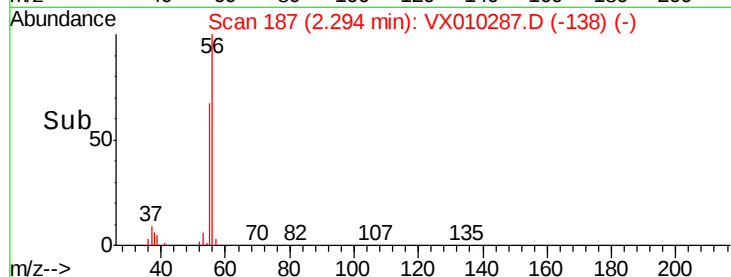
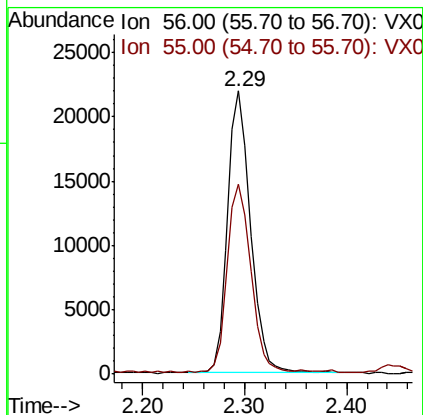
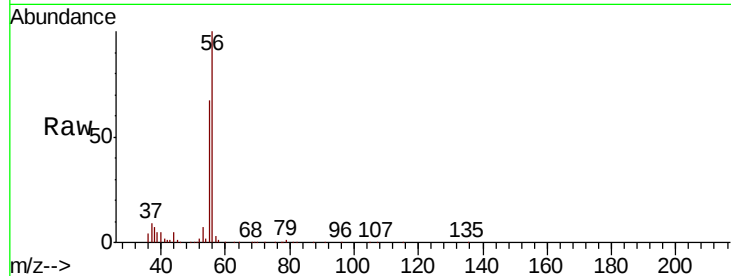
ClientSampleId :

Tot Ion: 56 Resp: 34176

Ion Ratio Lower Upper

56 100

55 69.3 57.0 85.4



#14

Allyl chloride

Concen: 43.830 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

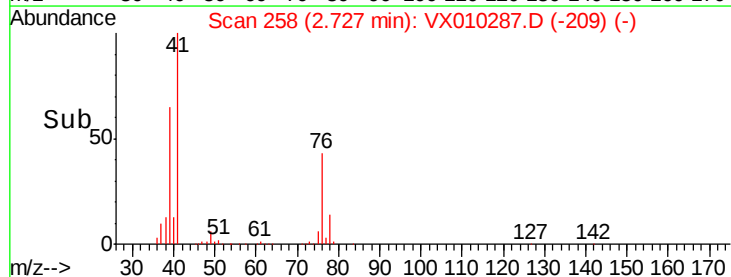
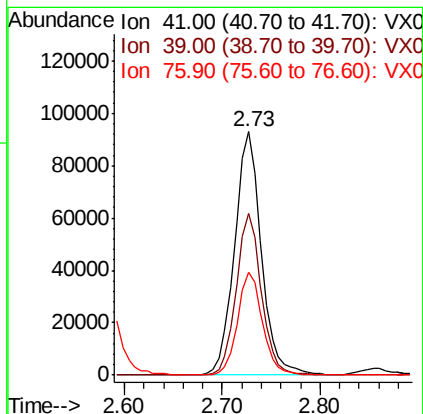
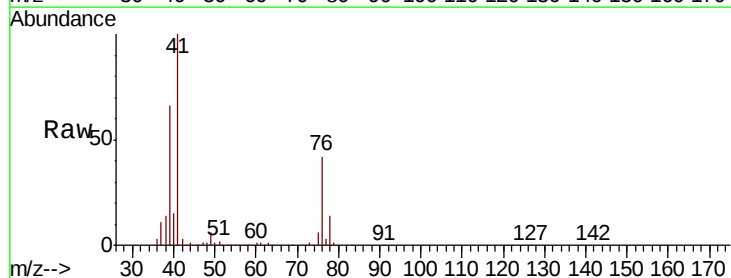
Tgt Ion: 41 Resp: 176308

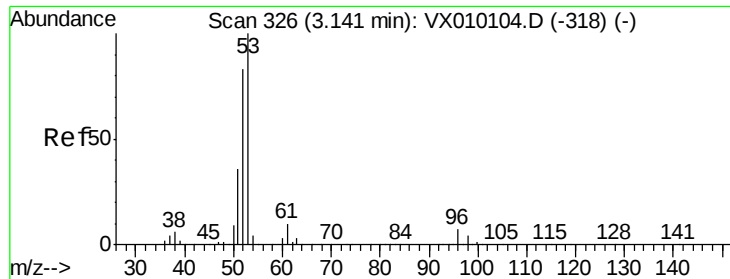
Ion Ratio Lower Upper

41 100

39 62.2 46.7 70.1

76 39.2 21.0 31.4#





#15

Acrylonitrile

Concen: 243.429 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

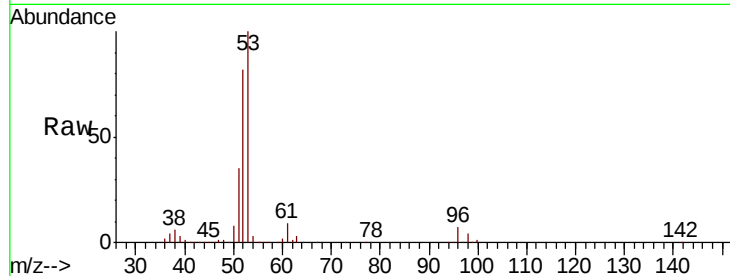
Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 352985

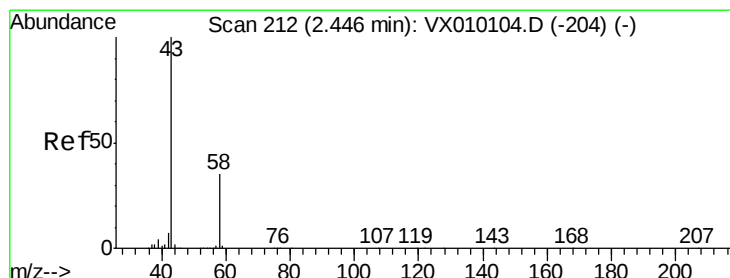
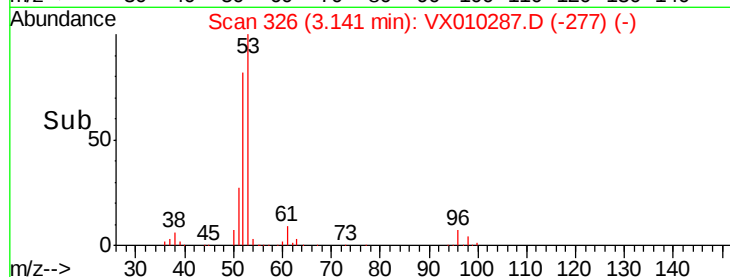
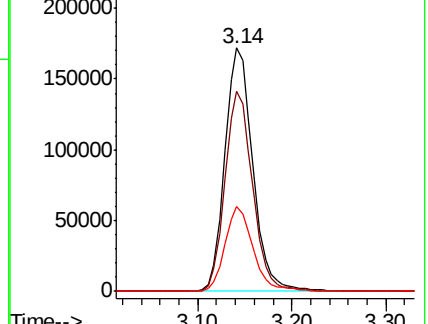
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.7	100.1
51	34.8	28.8	43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 219.840 ug/l

RT: 2.45 min Scan# 212

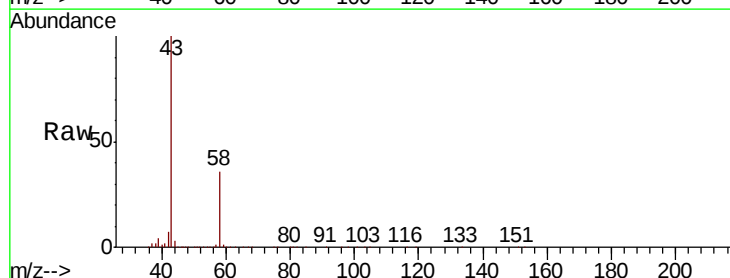
Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

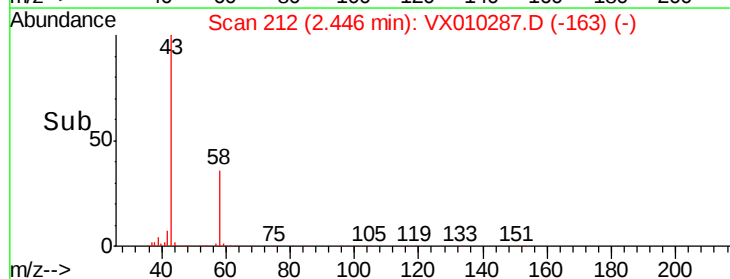
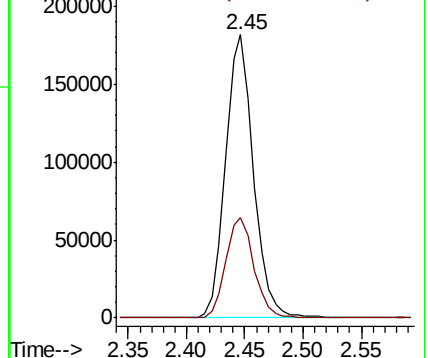
Tgt Ion: 43 Resp: 299440

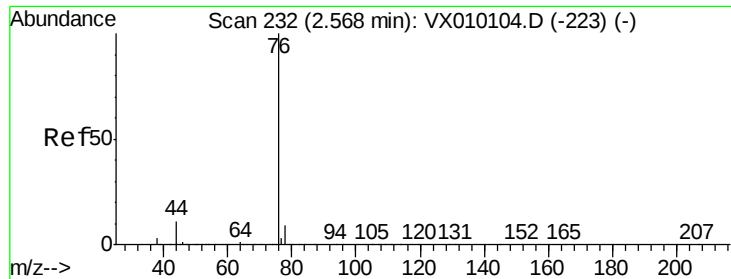
Ion	Ratio	Lower	Upper
43	100		
58	35.6	23.2	34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

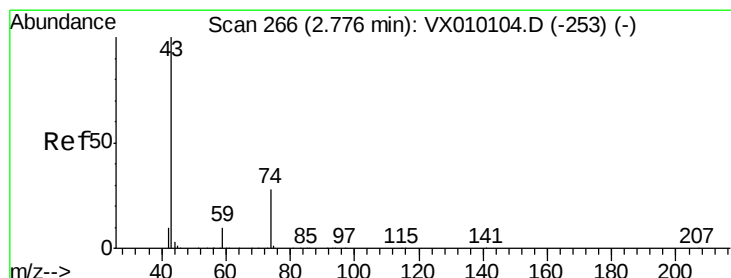
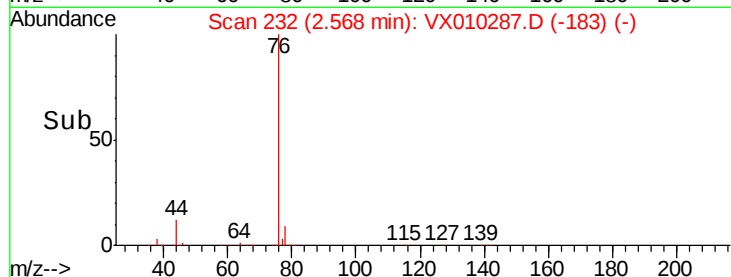
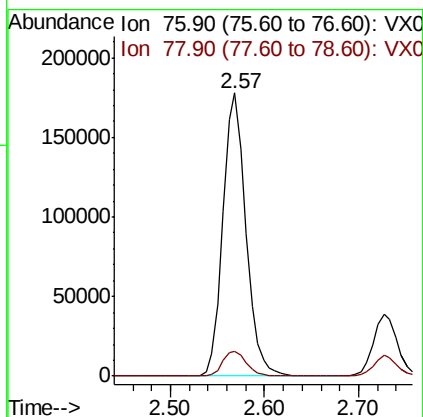
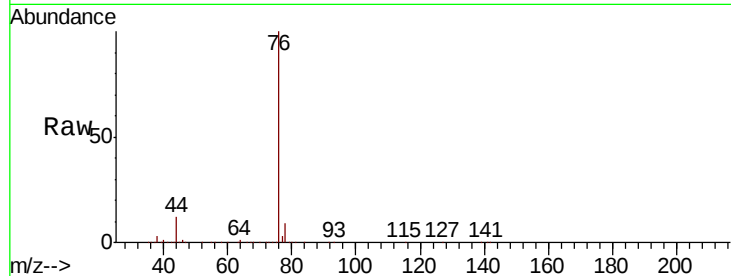




#17
Carbon Disulfide
Concen: 39.328 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

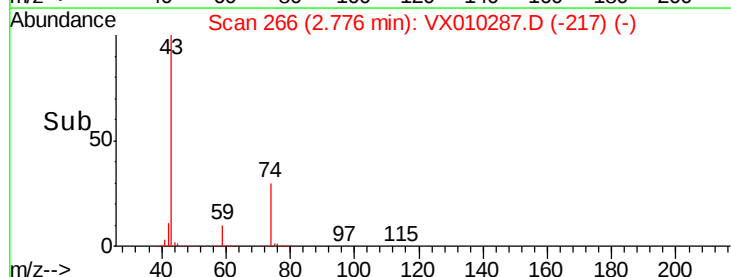
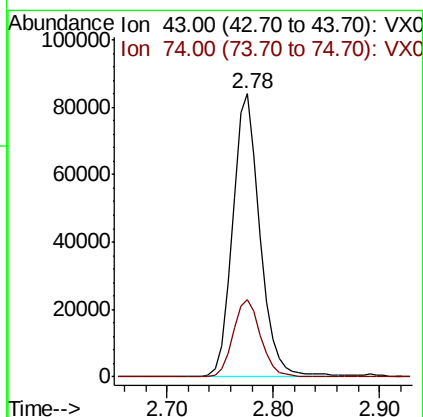
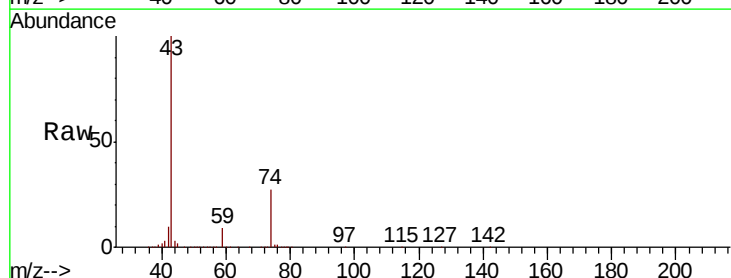
Instrument :
MSVOA_X
ClientSampleId :

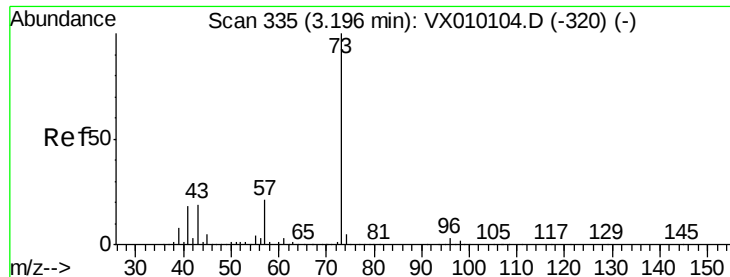
Tot Ion: 76 Resp: 302820
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 49.855 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

Tgt Ion: 43 Resp: 149340
Ion Ratio Lower Upper
43 100
74 28.3 15.8 23.6#

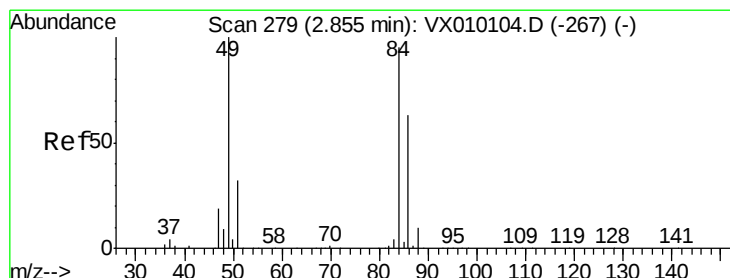
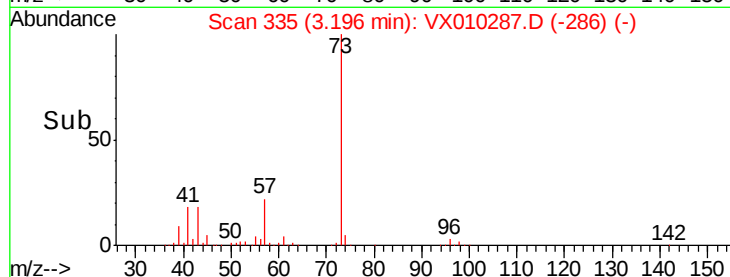
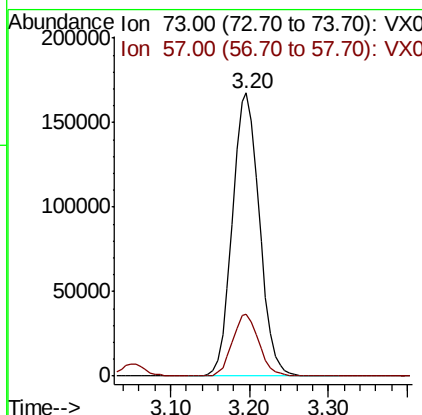
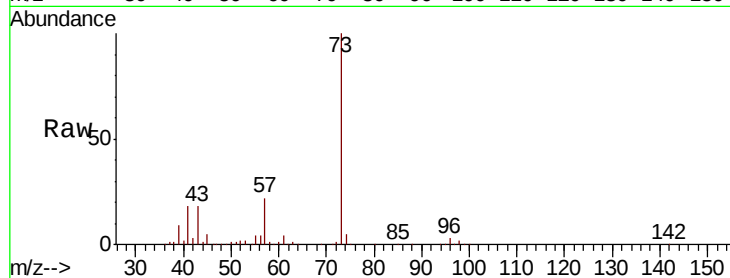




#19
Methvl tert-butvl Ether
Concen: 46.672 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

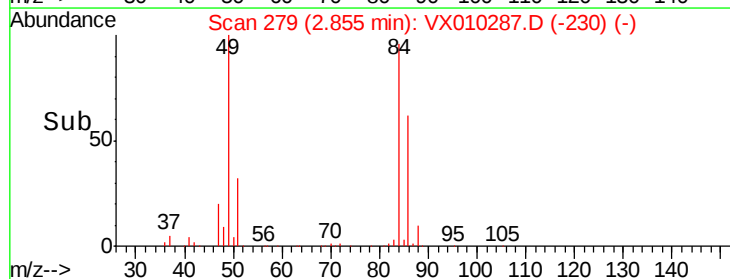
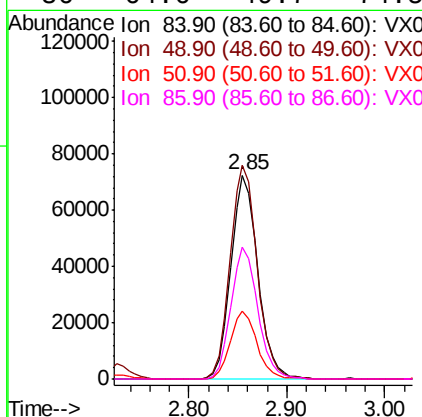
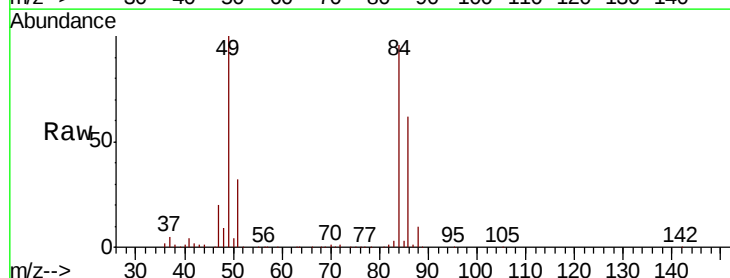
Instrument :
MSVOA_X
ClientSampleId :

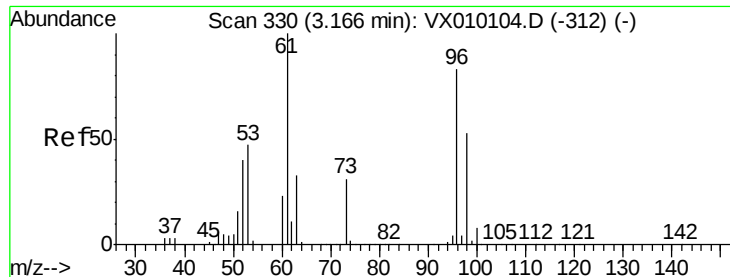
Tot Ion: 73 Resp: 399572
Ion Ratio Lower Upper
73 100
57 21.6 19.4 29.2



#20
Methylene Chloride
Concen: 46.271 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

Tgt Ion: 84 Resp: 138413
Ion Ratio Lower Upper
84 100
49 104.4 115.8 173.6#
51 33.1 34.4 51.6#
86 64.6 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 43.801 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

ClientSampled :

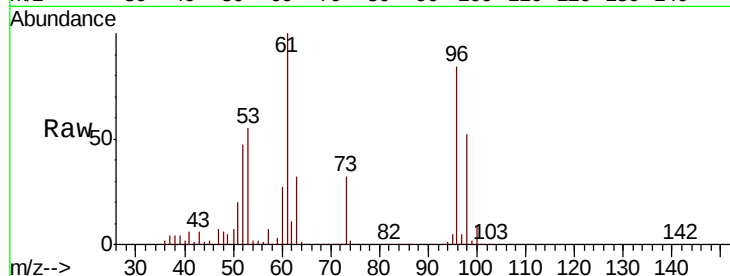
Tot Ion: 96 Resp: 129171

Ion Ratio Lower Upper

96 100

61 118.7 125.7 188.5#

98 61.5 49.0 73.6

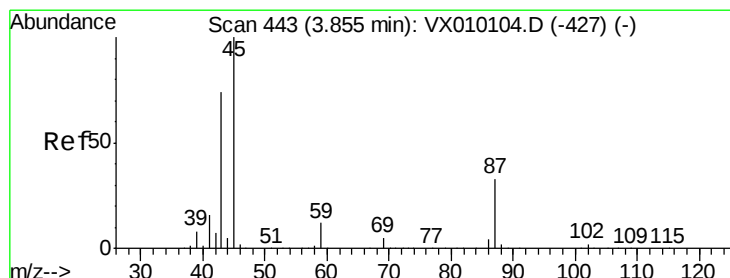
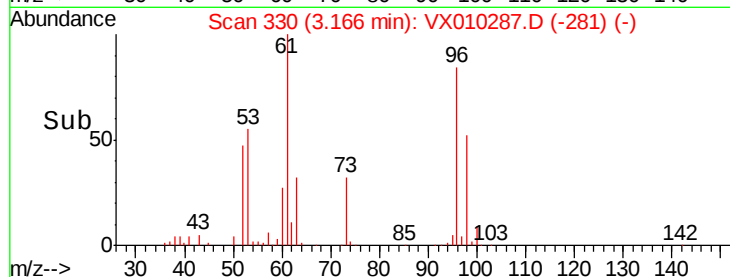
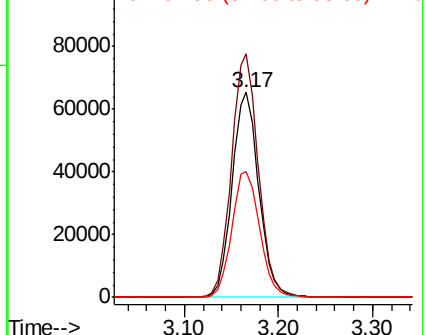


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.811 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Tgt Ion: 45 Resp: 375390

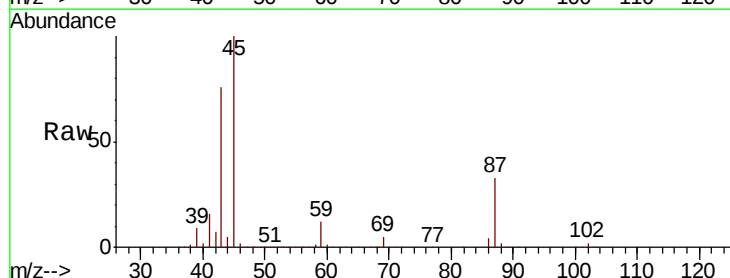
Ion Ratio Lower Upper

45 100

43 75.9 65.0 97.4

87 32.9 17.3 25.9#

59 11.9 8.1 12.1



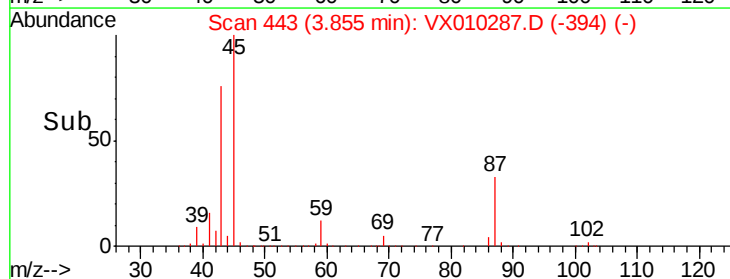
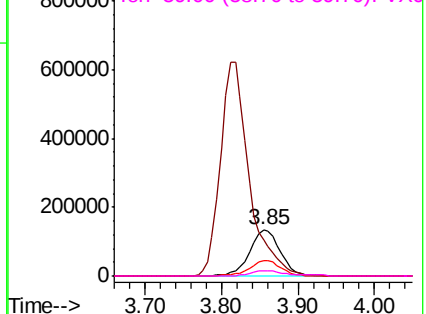
Abundance

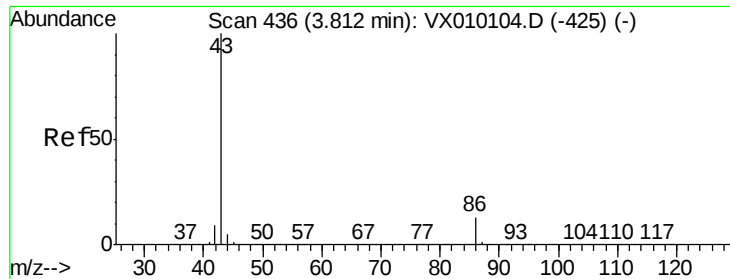
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 236.929 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

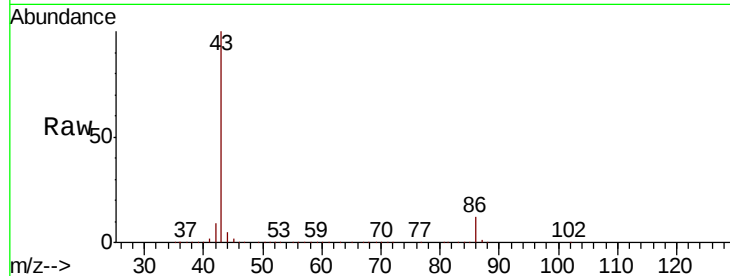
ClientSampleId :

Tot Ion: 43 Resp: 1625570

Ion Ratio Lower Upper

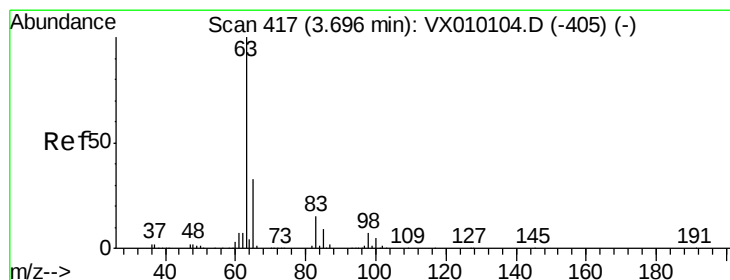
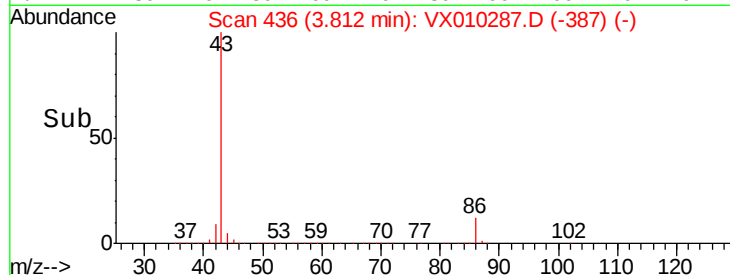
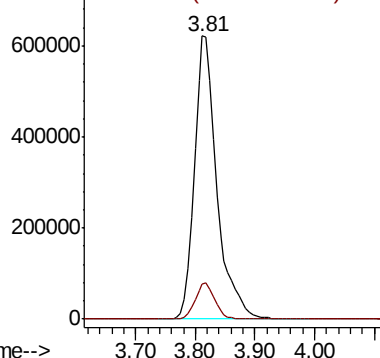
43 100

86 12.3 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.330 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

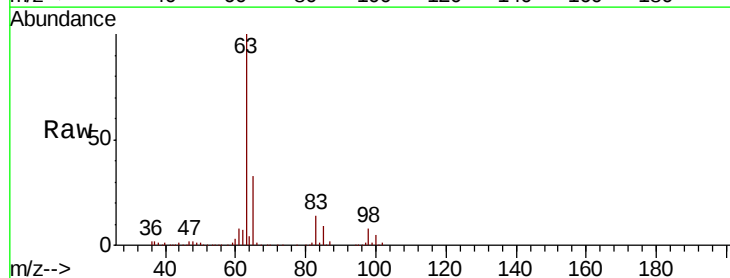
Tgt Ion: 63 Resp: 216336

Ion Ratio Lower Upper

63 100

98 7.7 2.9 8.8

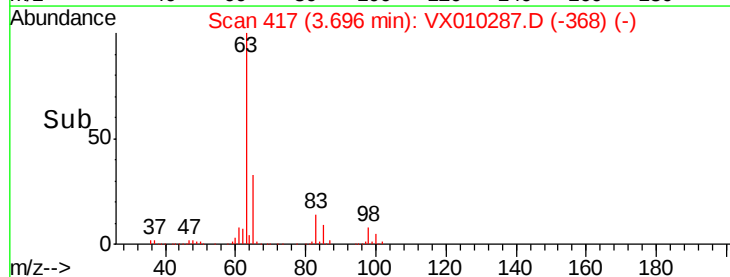
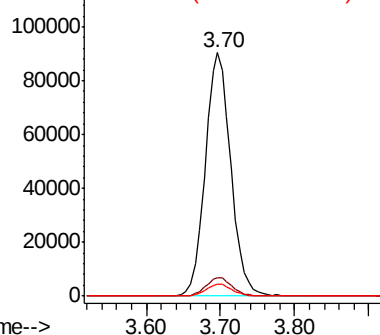
100 5.1 1.8 5.4

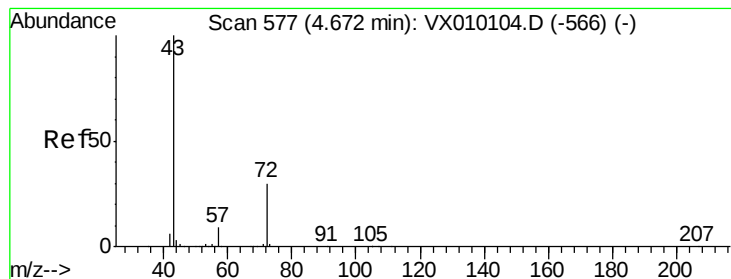


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 239.222 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

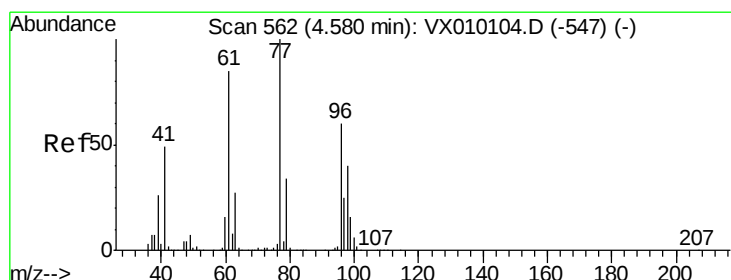
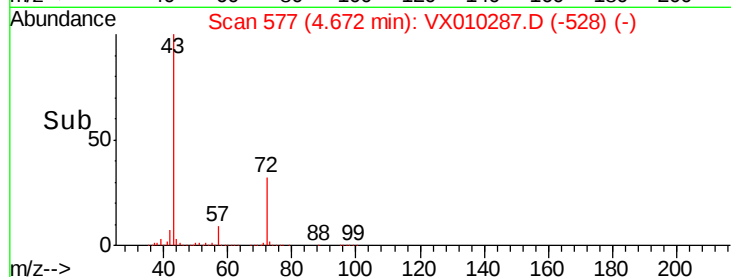
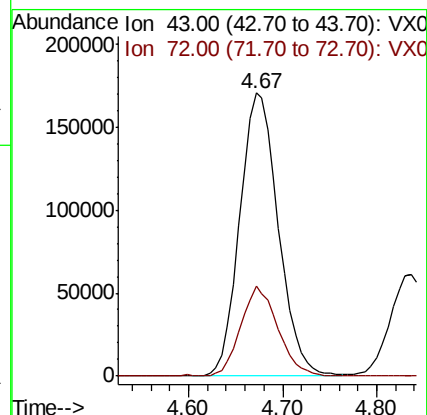
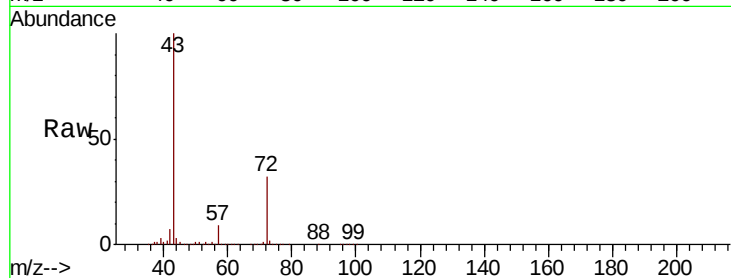
ClientSampleId :

Tot Ion: 43 Resp: 485205

Ion Ratio Lower Upper

43 100

72 31.6 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 39.980 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010287.D

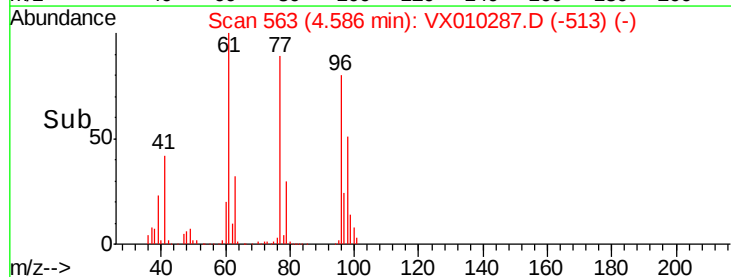
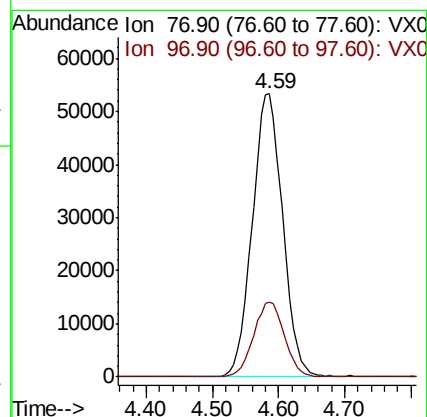
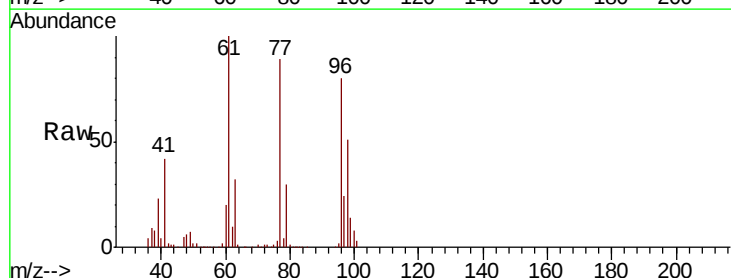
Acq: 13 Jun 2019 20:53

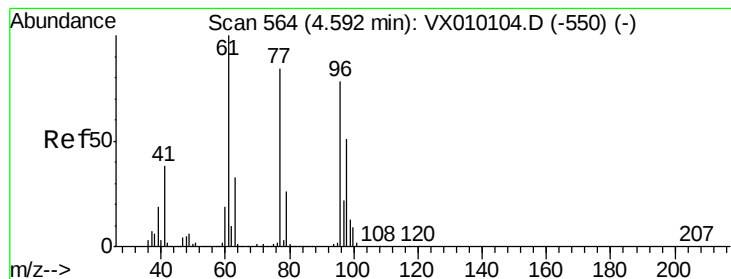
Tgt Ion: 77 Resp: 170311

Ion Ratio Lower Upper

77 100

97 26.9 11.4 34.2



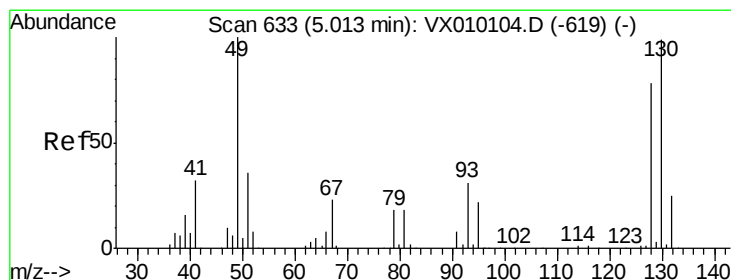
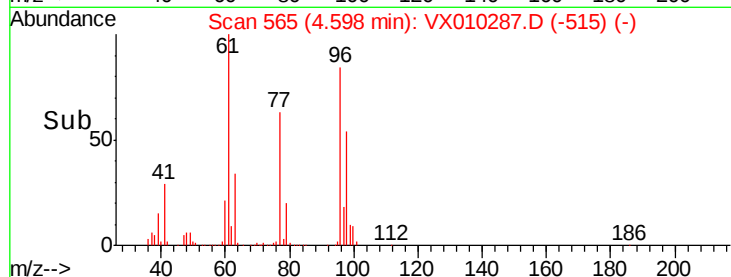
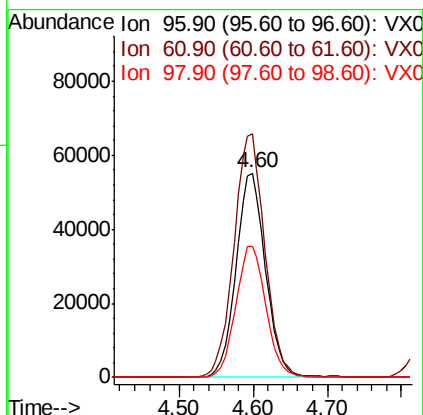
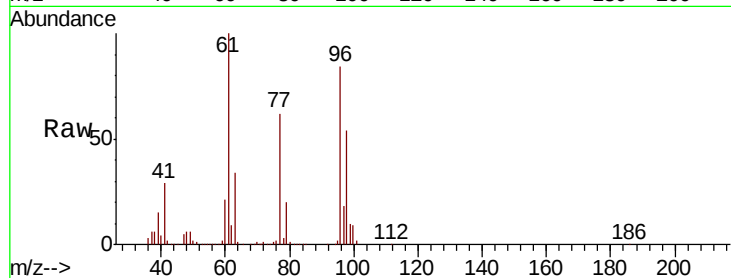


#27

cis-1,2-Dichloroethene
 Concen: 46.807 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010287.D
 Acq: 13 Jun 2019 20:53

Instrument :
 MSVOA_X
 ClientSampled :

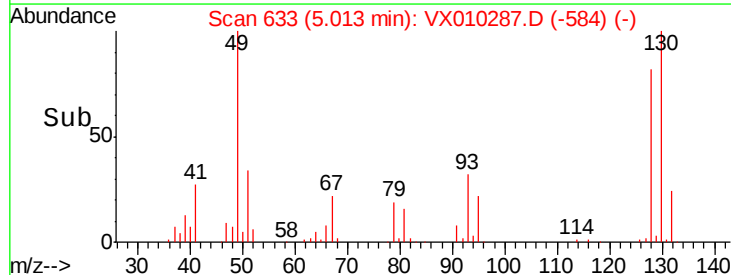
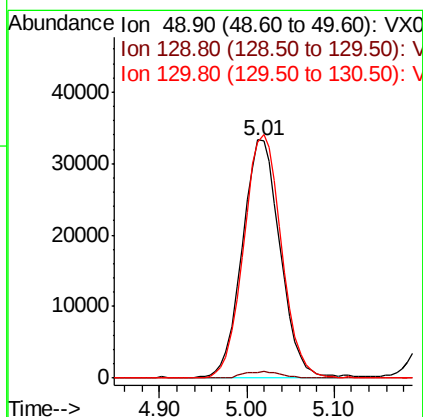
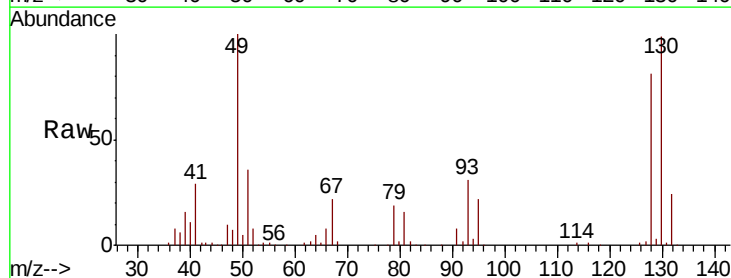
Tot Ion	96	Resp	153563
Ion Ratio	Lower	Upper	
96	100		
61	124.4	0.0	334.0
98	65.6	0.0	131.6

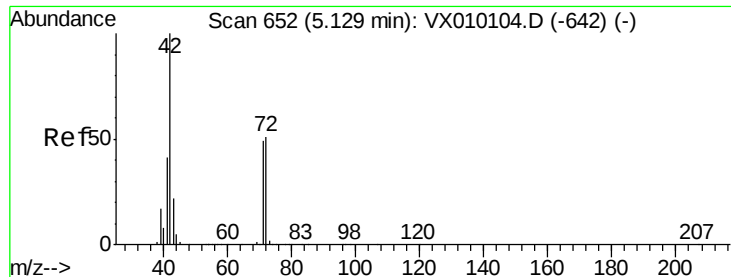


#28

Bromochloromethane
 Concen: 48.167 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX010287.D
 Acq: 13 Jun 2019 20:53

Tgt Ion	49	Resp	100802
Ion Ratio	Lower	Upper	
49	100		
129	2.9	0.0	3.4
130	101.6	49.4	74.2#





#29

Tetrahydrofuran

Concen: 243.312 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

ClientSampled :

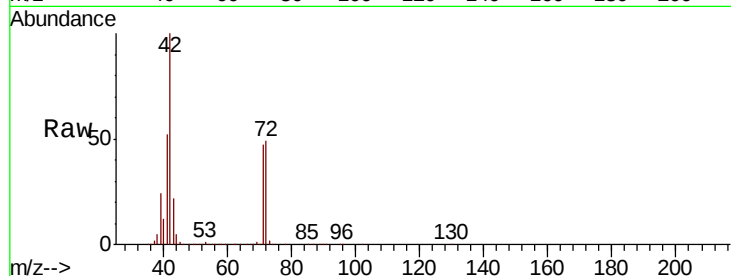
Tot Ion: 42 Resp: 310143

Ion Ratio Lower Upper

42 100

72 51.5 29.2 43.8#

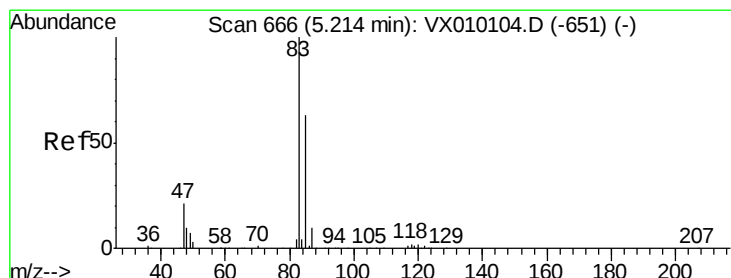
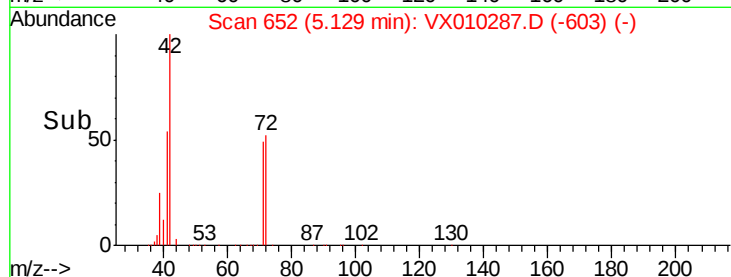
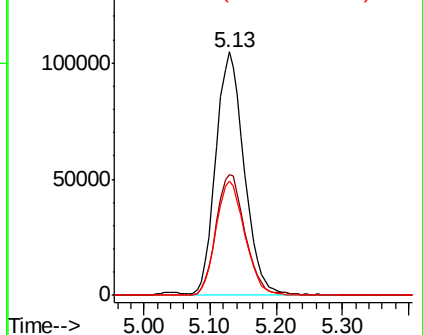
71 48.2 27.6 41.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.417 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010287.D

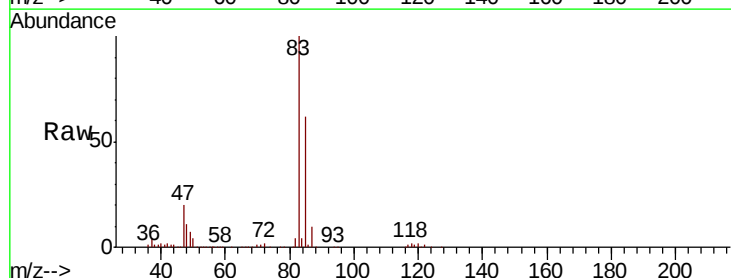
Acq: 13 Jun 2019 20:53

Tgt Ion: 83 Resp: 229947

Ion Ratio Lower Upper

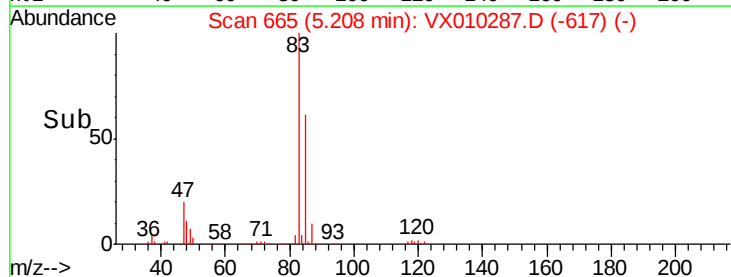
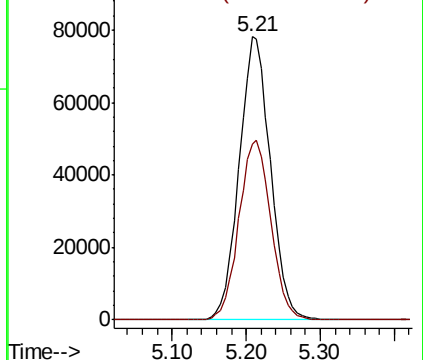
83 100

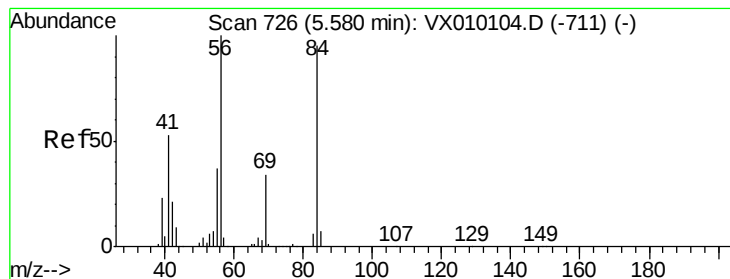
85 62.2 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 45.686 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

ClientSampled :

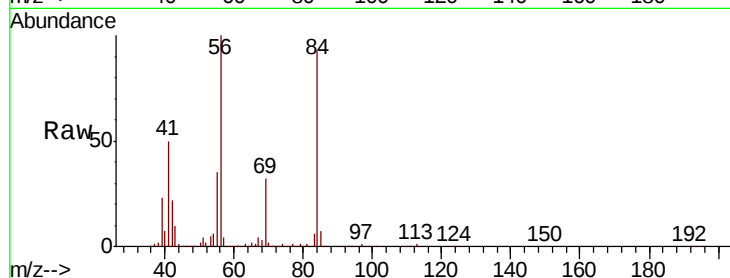
Tot Ion: 56 Resp: 192535

Ion Ratio Lower Upper

56 100

69 31.6 21.6 32.4

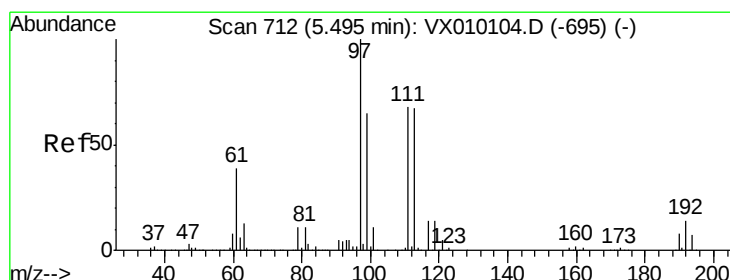
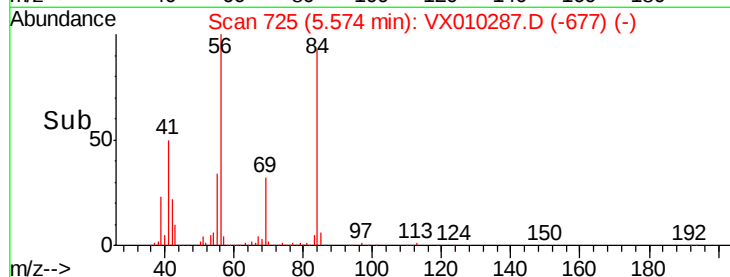
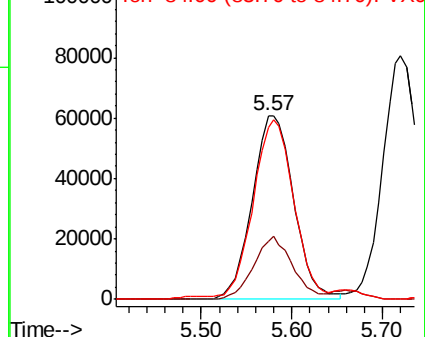
84 91.5 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 44.940 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

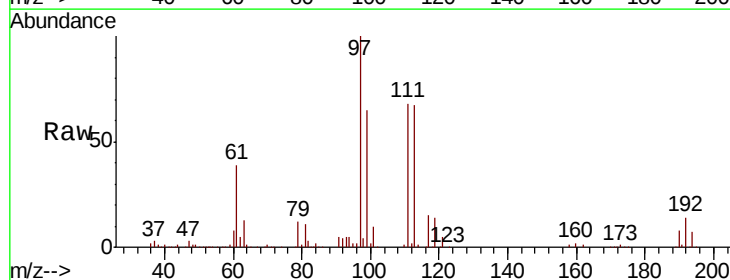
Tgt Ion: 97 Resp: 204882

Ion Ratio Lower Upper

97 100

99 65.4 51.0 76.4

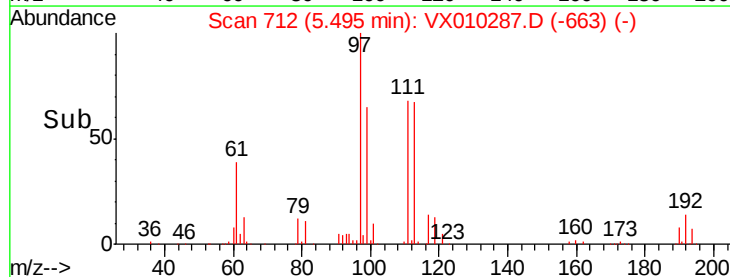
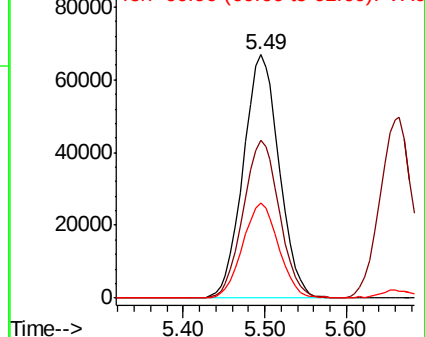
61 38.9 38.7 58.1

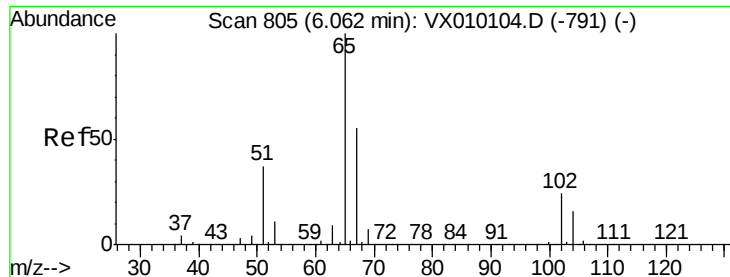


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.521 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

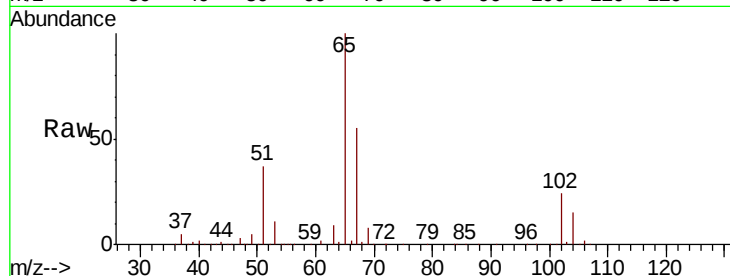
ClientSampleId :

Tot Ion: 65 Resp: 128930

Ion Ratio Lower Upper

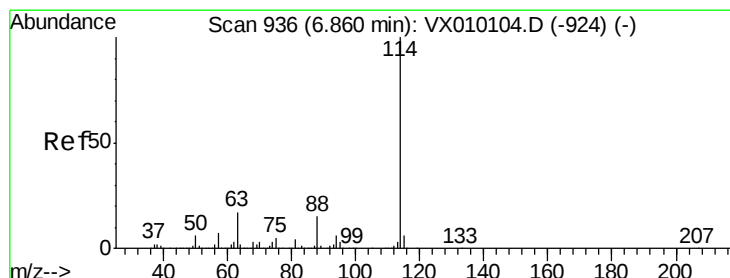
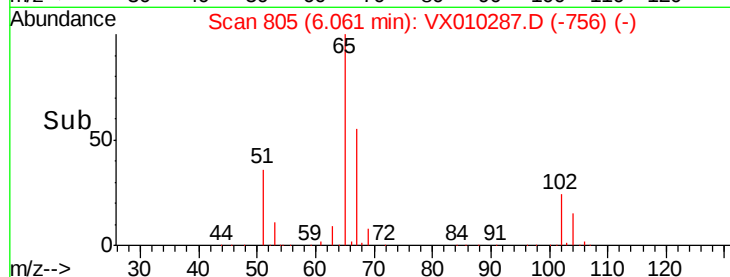
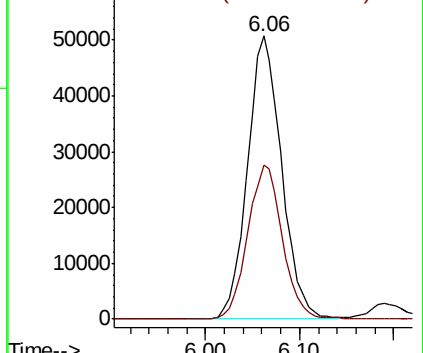
65 100

67 55.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

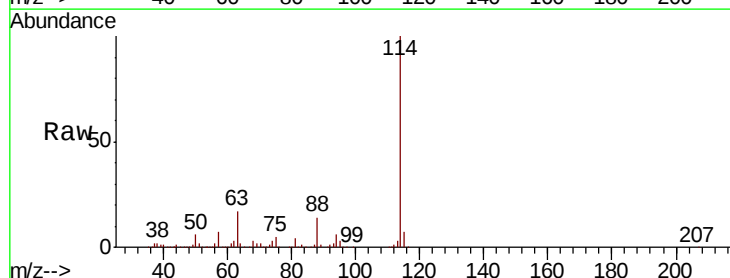
Tgt Ion: 114 Resp: 453306

Ion Ratio Lower Upper

114 100

63 16.8 0.0 47.4

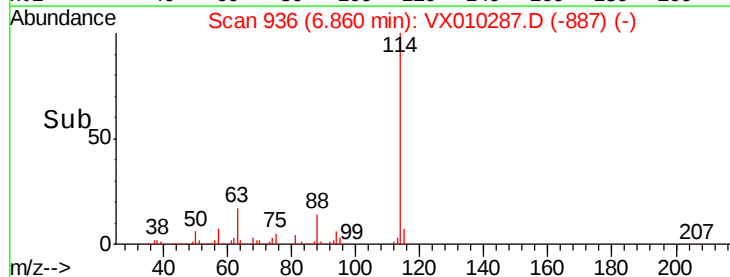
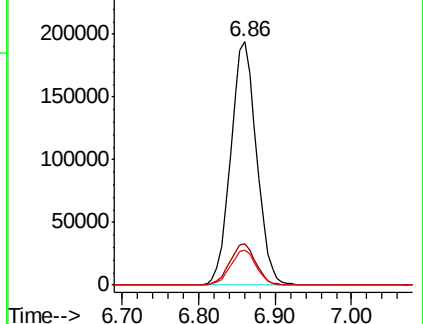
88 14.3 0.0 33.0

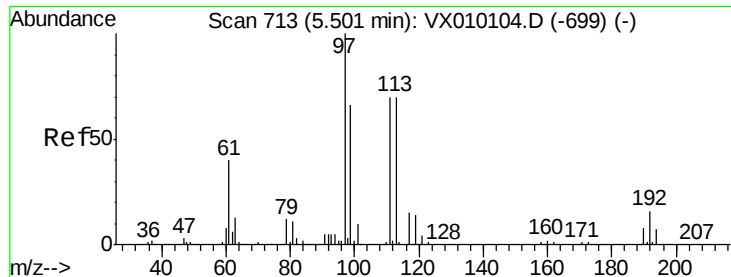


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

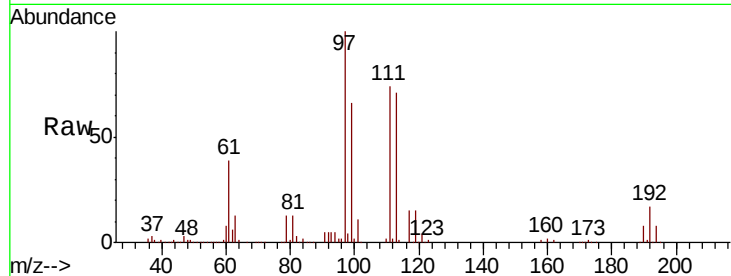




#35
Dibromofluoromethane
Concen: 46.025 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	22.4	17.1	25.7

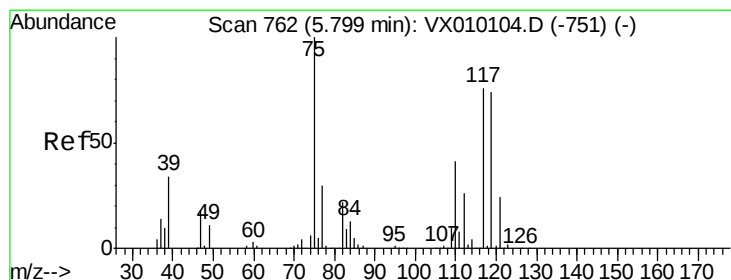
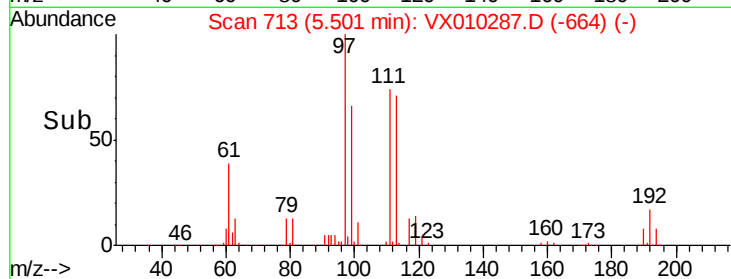
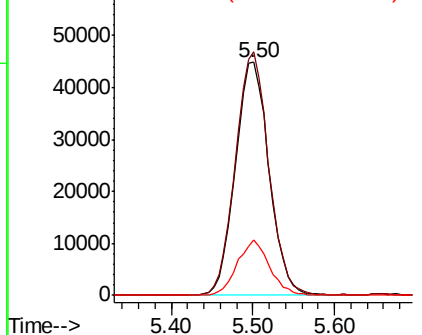


Abundance

Ion 112.80 (112.50 to 113.50): V

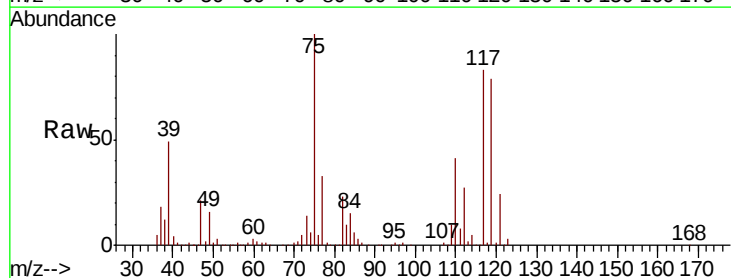
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 44.529 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	42.1	16.7	50.1
77	31.6	25.0	37.4

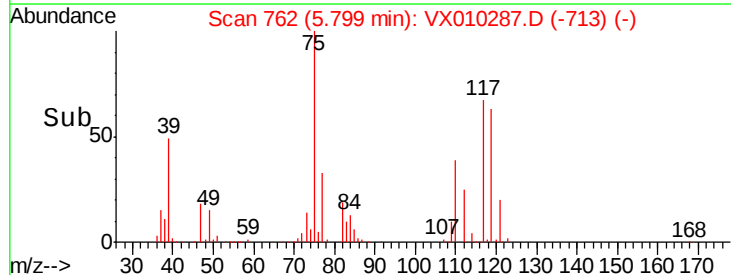
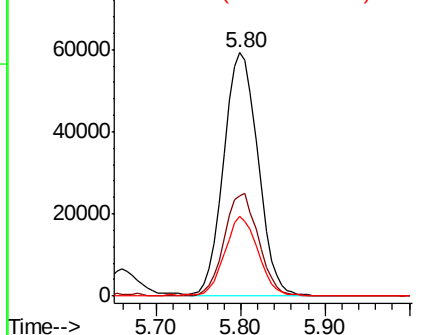


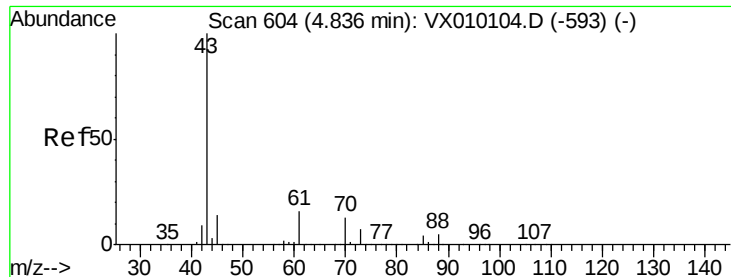
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

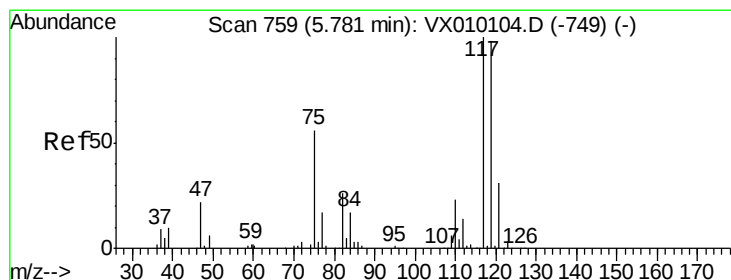
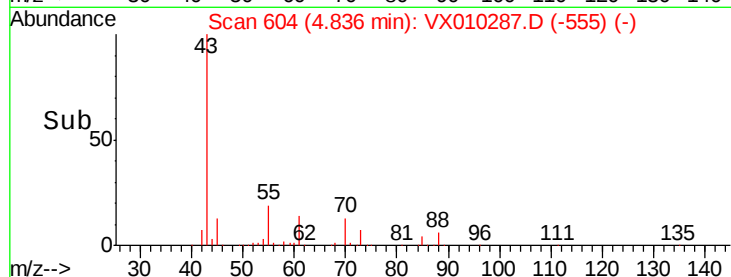
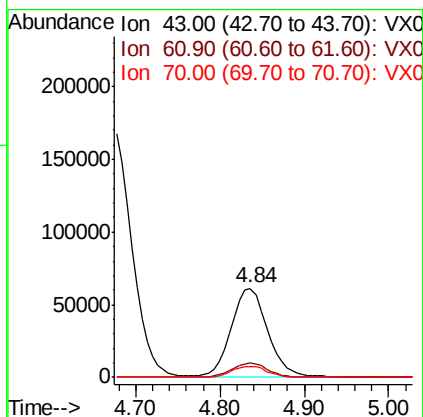
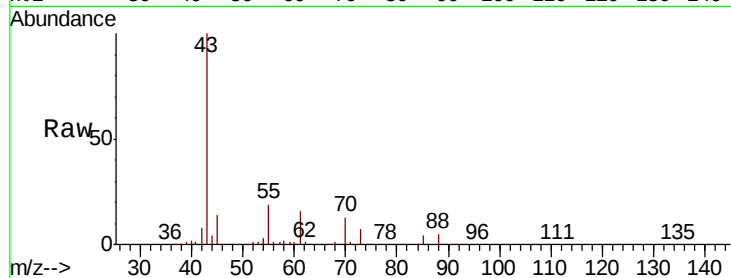




#37
Ethyl Acetate
Concen: 46.587 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

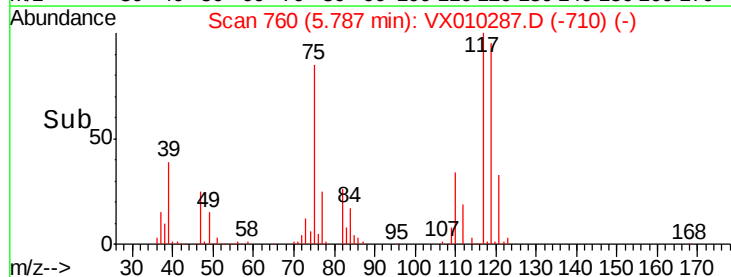
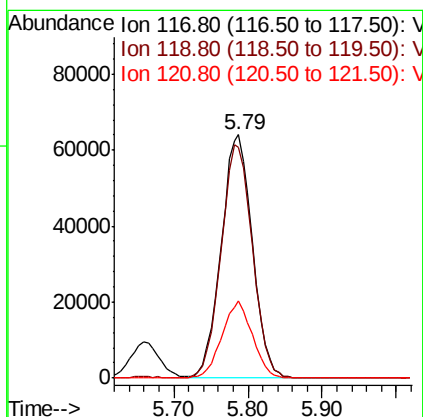
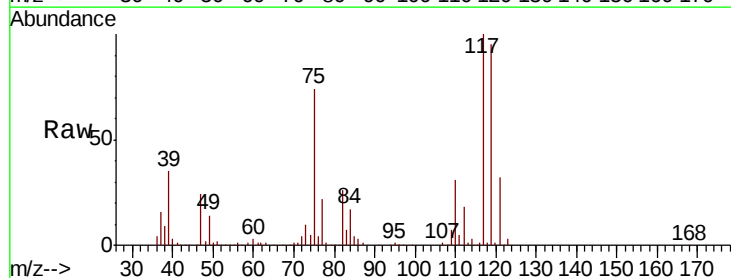
Instrument :
MSVOA_X
ClientSampled :

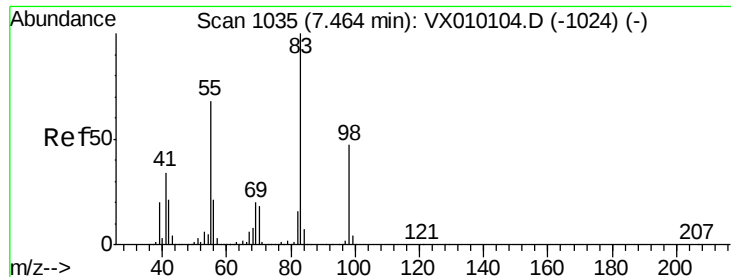
Tot Ion: 43 Resp: 179265
Ion Ratio Lower Upper
43 100
61 15.9 10.2 15.2#
70 12.4 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 44.596 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

Tgt Ion: 117 Resp: 186678
Ion Ratio Lower Upper
117 100
119 94.8 77.3 115.9
121 31.6 25.4 38.0

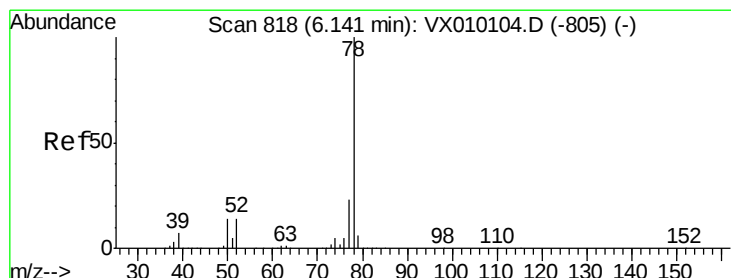
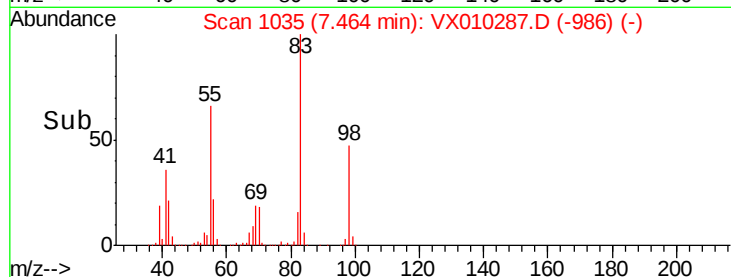
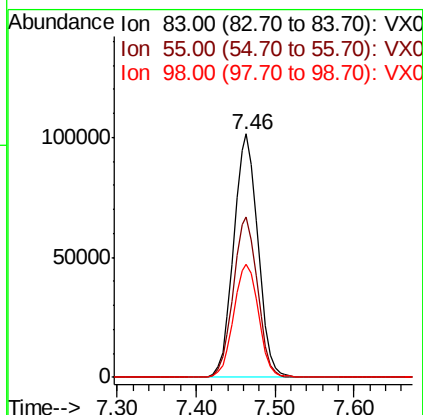
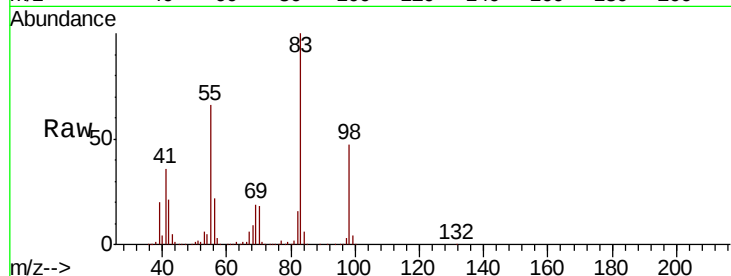




#39
Methvlcvclohexane
Concen: 43.053 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

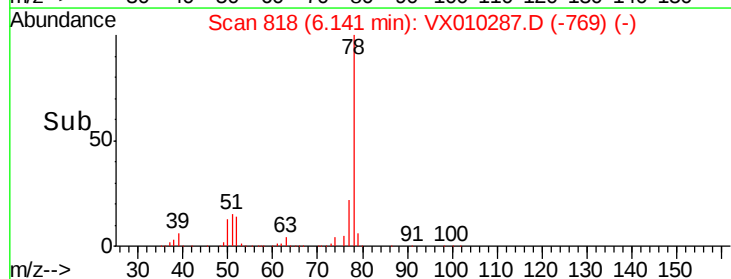
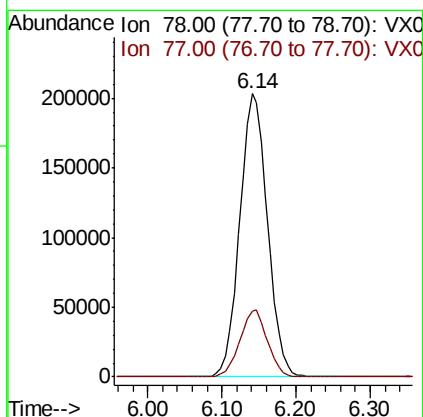
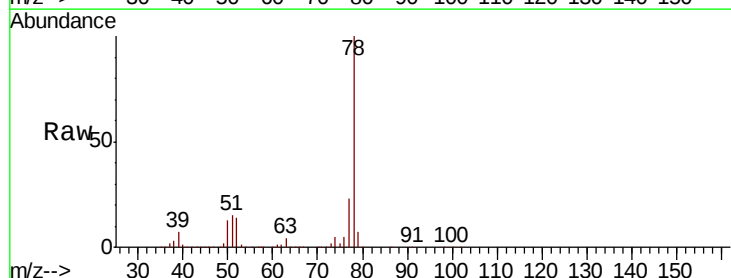
Instrument :
MSVOA_X
ClientSampled :

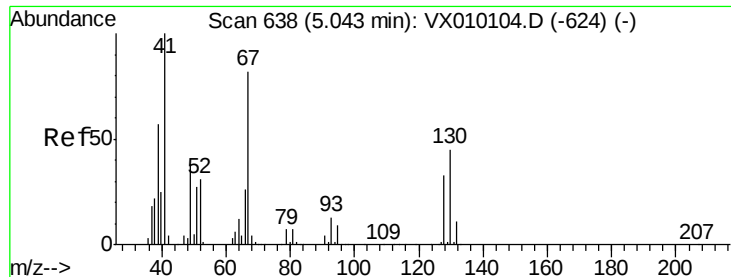
Tot Ion: 83 Resp: 216813
Ion Ratio Lower Upper
83 100
55 65.9 69.9 104.9#
98 46.6 35.1 52.7



#40
Benzene
Concen: 46.405 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

Tgt Ion: 78 Resp: 530681
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8





#41

Methacrylonitrile

Concen: 46.456 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 96697

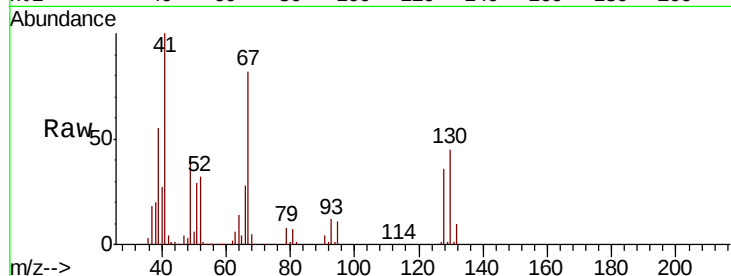
Ion Ratio Lower Upper

41 100

39 54.8 42.2 63.4

67 85.5 48.9 73.3#

52 31.0 20.1 30.1#



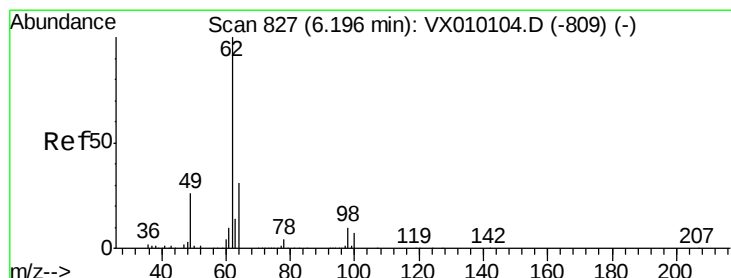
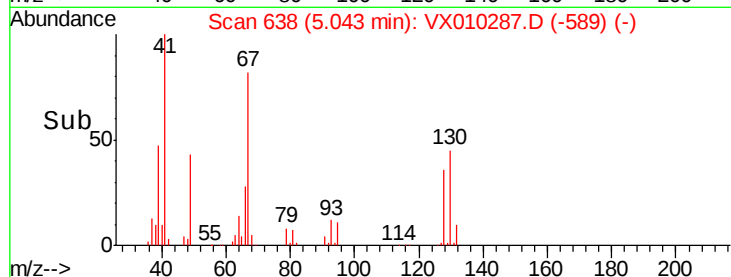
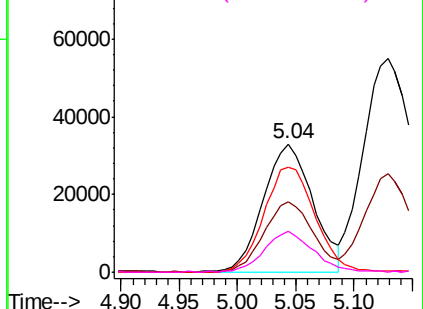
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 45.305 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010287.D

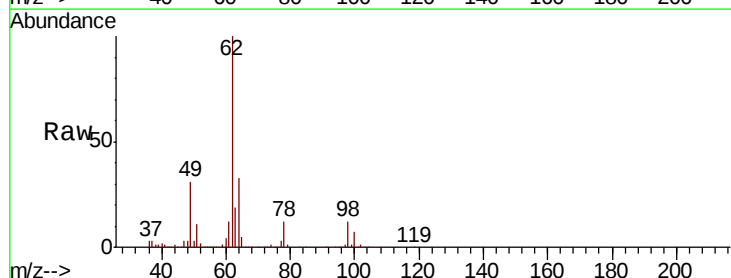
Acq: 13 Jun 2019 20:53

Tgt Ion: 62 Resp: 165403

Ion Ratio Lower Upper

62 100

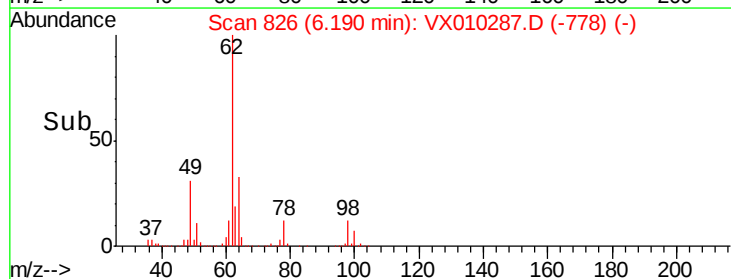
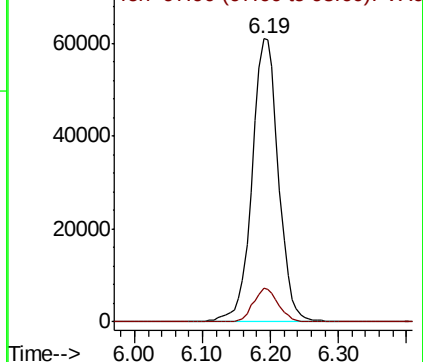
98 11.2 0.0 17.2

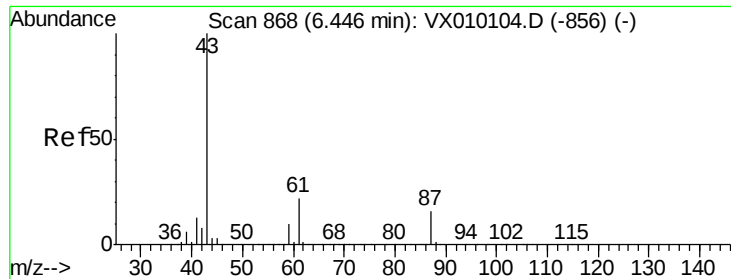


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.453 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

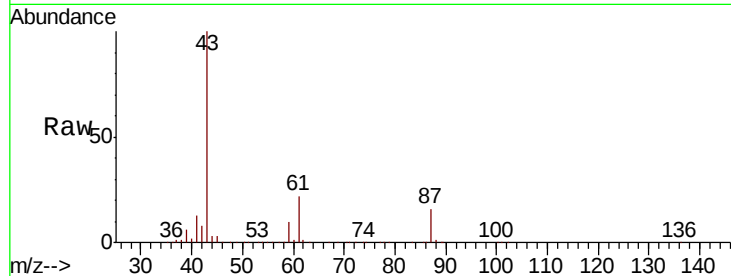
Tot Ion: 43 Resp: 298869

Ion Ratio Lower Upper

43 100

61 22.4 14.6 21.8#

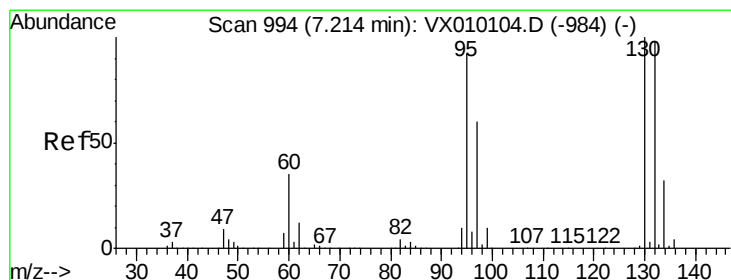
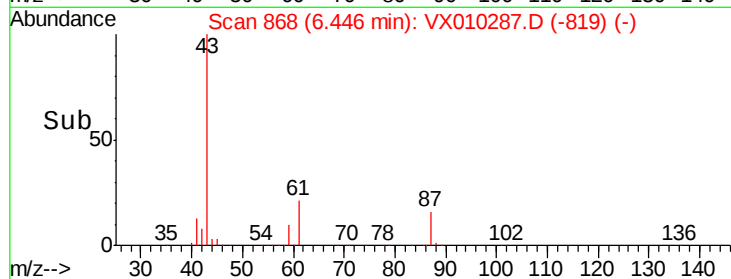
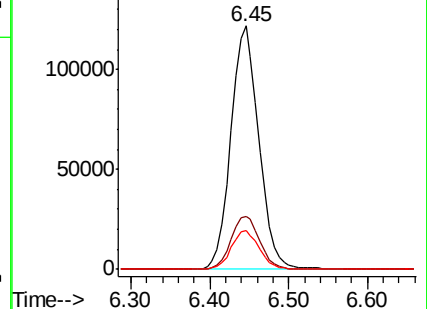
87 16.2 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 45.961 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010287.D

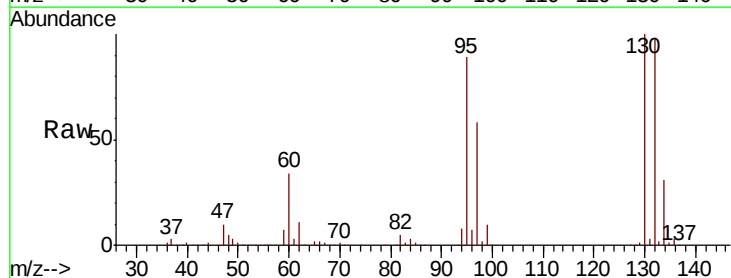
Acq: 13 Jun 2019 20:53

Tgt Ion:130 Resp: 158432

Ion Ratio Lower Upper

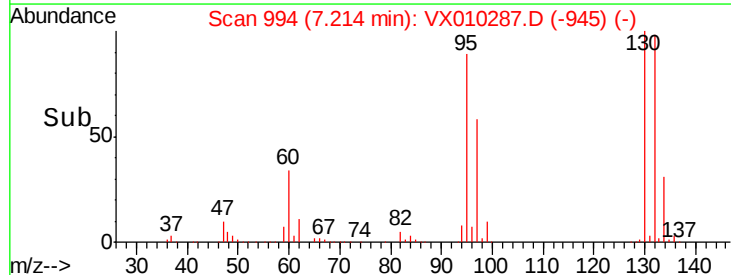
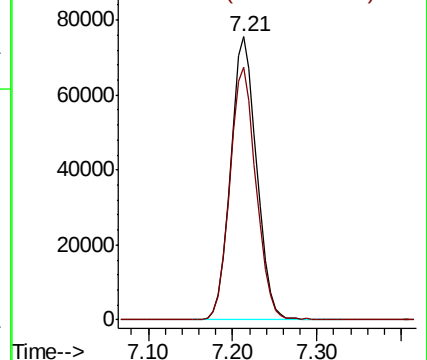
130 100

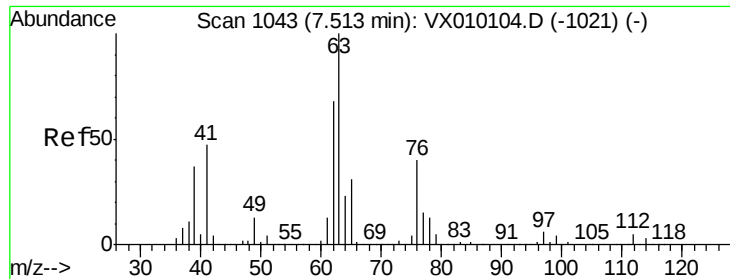
95 89.3 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

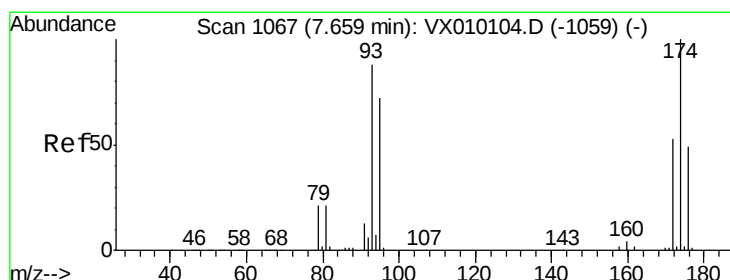
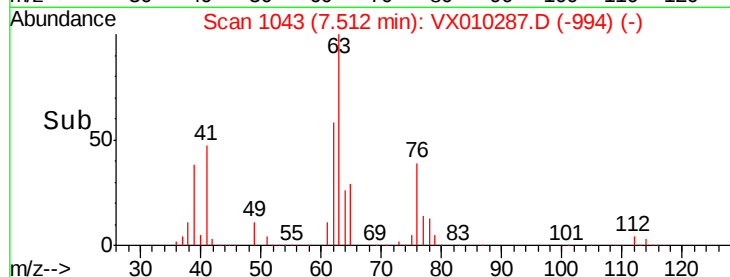
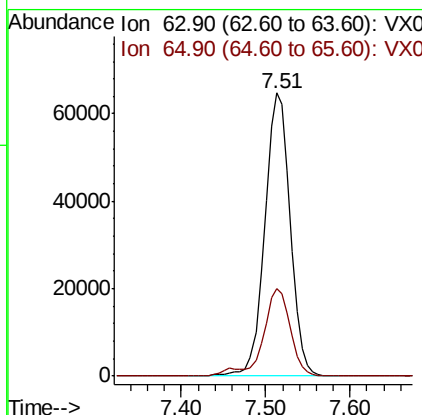
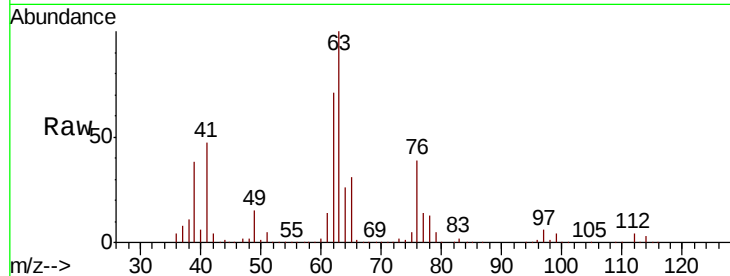




#45
 1,2-Dichloropropane
 Concen: 47.246 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010287.D
 Acq: 13 Jun 2019 20:53

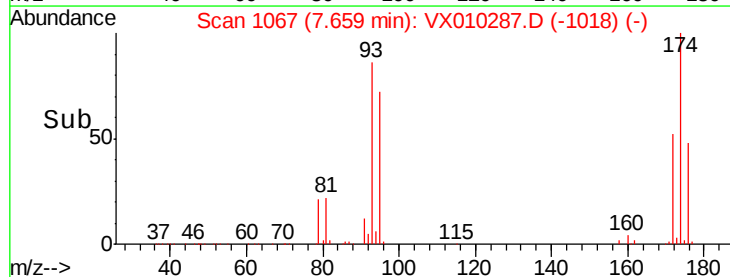
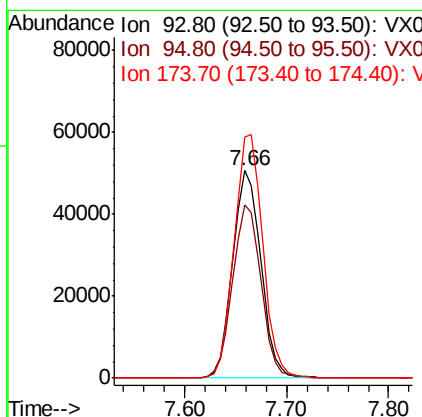
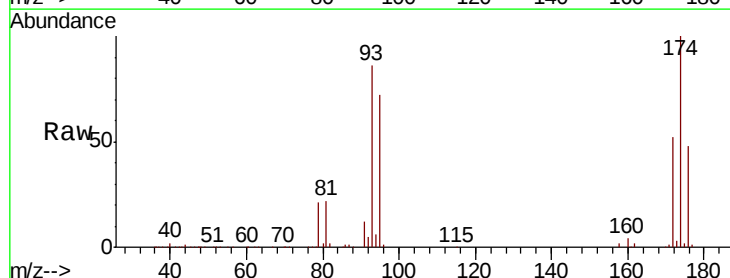
Instrument :
 MSVOA_X
 ClientSampleId :

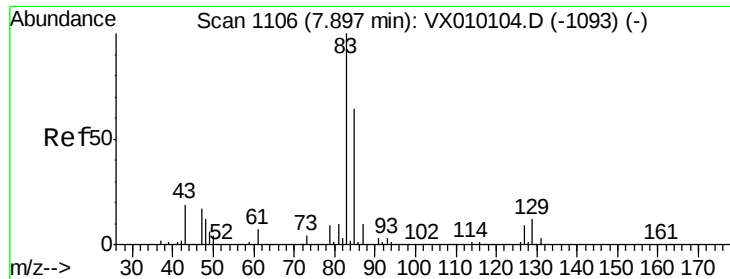
Tot Ion: 63 Resp: 135233
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.7 38.5



#46
 Dibromomethane
 Concen: 45.367 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010287.D
 Acq: 13 Jun 2019 20:53

Tgt Ion: 93 Resp: 97284
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.8 100.2
 174 118.7 81.9 122.9





#47

Bromodichloromethane

Concen: 45.823 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :
MSVOA_X
ClientSampled :

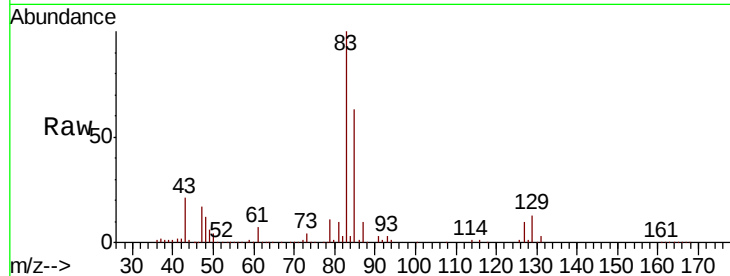
Tot Ion: 83 Resp: 183611

Ion Ratio Lower Upper

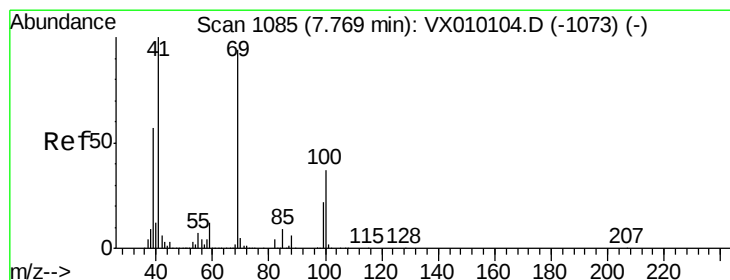
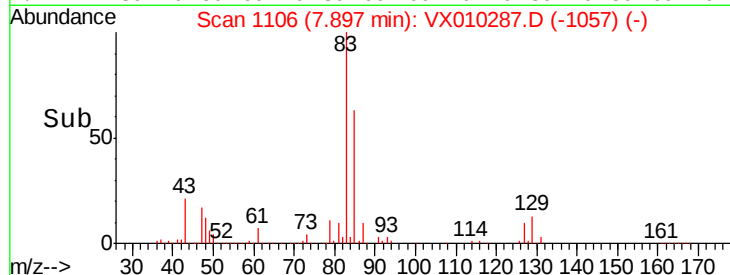
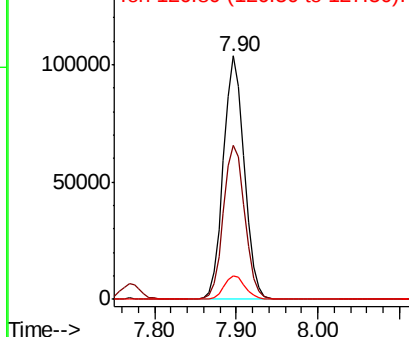
83 100

85 63.1 51.4 77.2

127 9.5 6.4 9.6



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



#48

Methyl methacrylate

Concen: 47.030 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

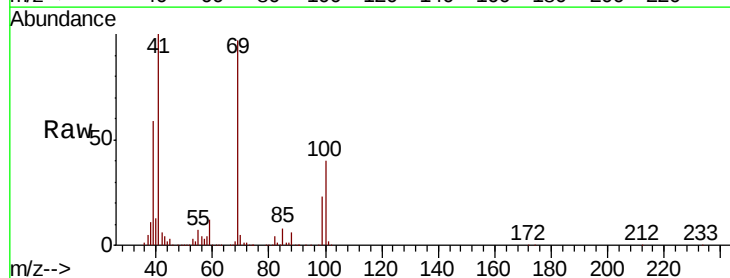
Tgt Ion: 41 Resp: 141508

Ion Ratio Lower Upper

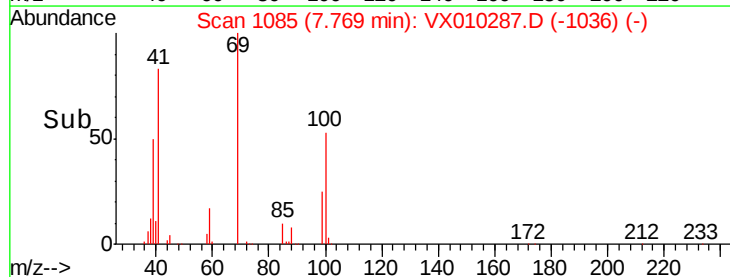
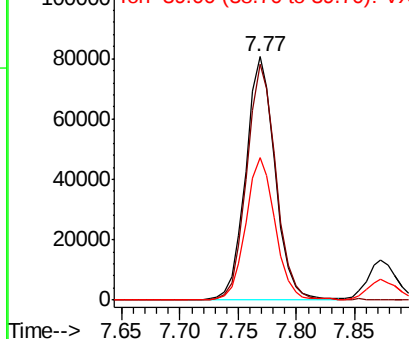
41 100

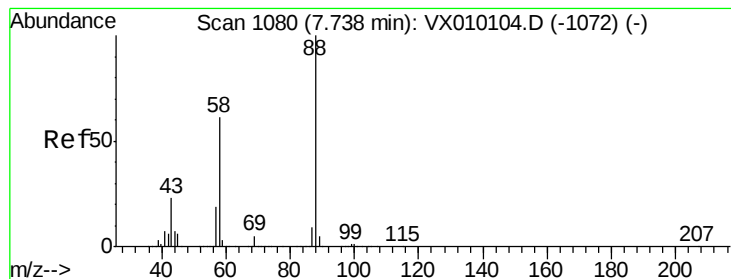
69 96.5 56.4 84.6#

39 58.3 40.6 60.8



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





#49

1,4-Dioxane

Concen: 909.918 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :

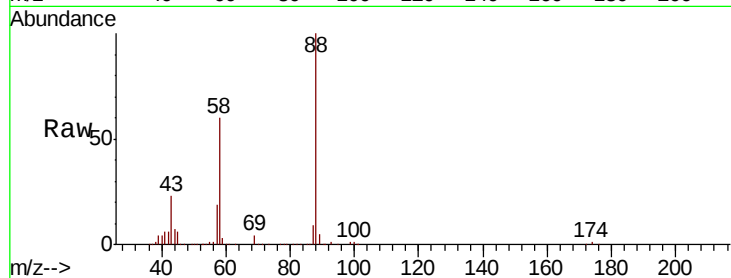
Tot Ion: 88 Resp: 78059

Ion Ratio Lower Upper

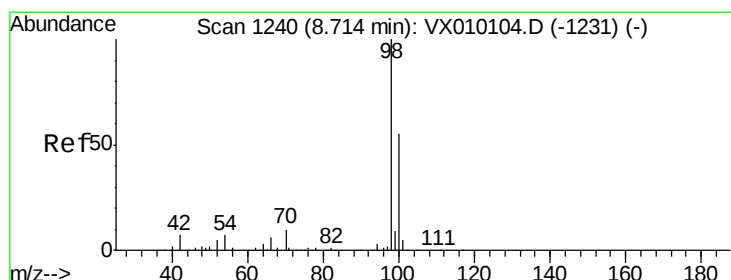
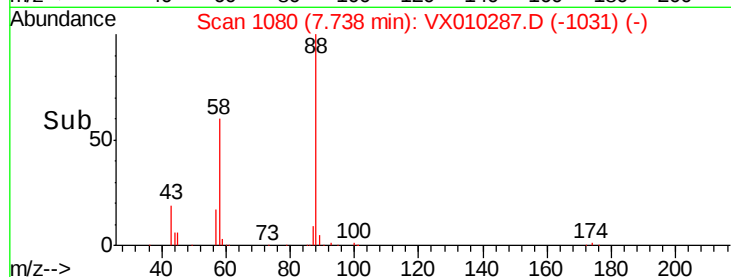
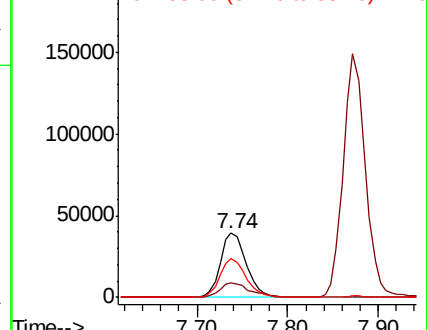
88 100

43 26.4 30.2 45.4#

58 61.5 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.849 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010287.D

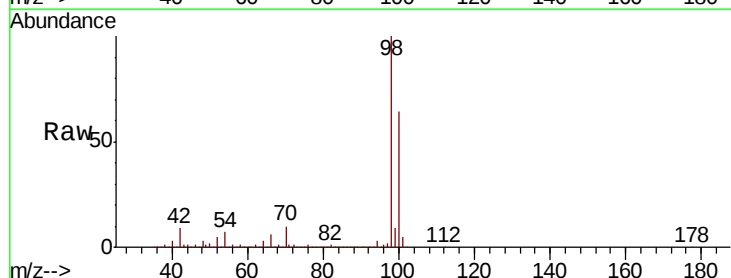
Acq: 13 Jun 2019 20:53

Tgt Ion: 98 Resp: 490943

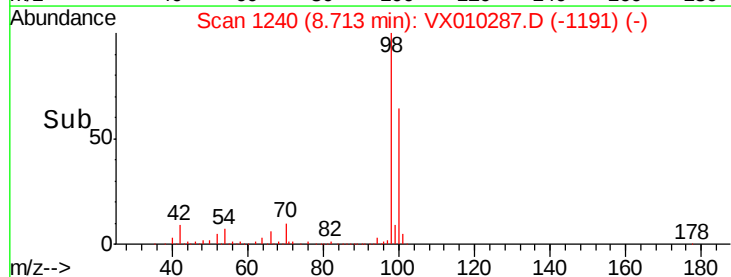
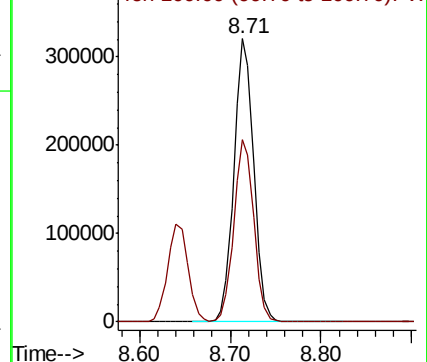
Ion Ratio Lower Upper

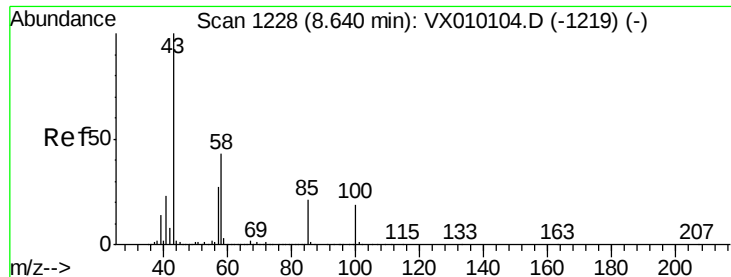
98 100

100 64.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 249.662 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

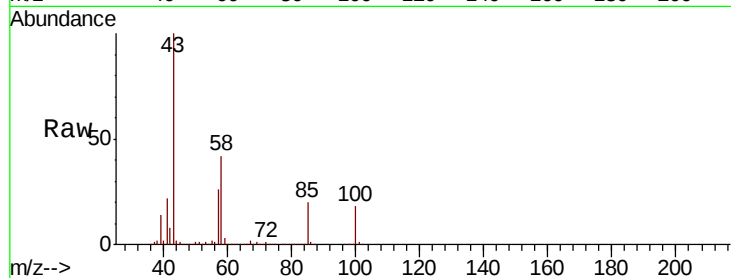
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 959582

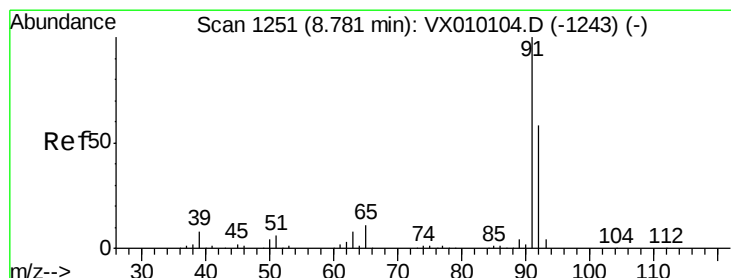
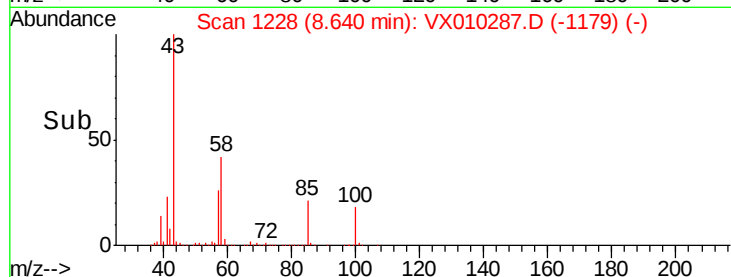
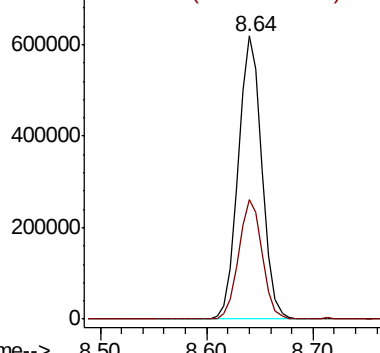
Ion Ratio Lower Upper

43 100

58 42.0 28.8 43.2



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



#52

Toluene

Concen: 47.268 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010287.D

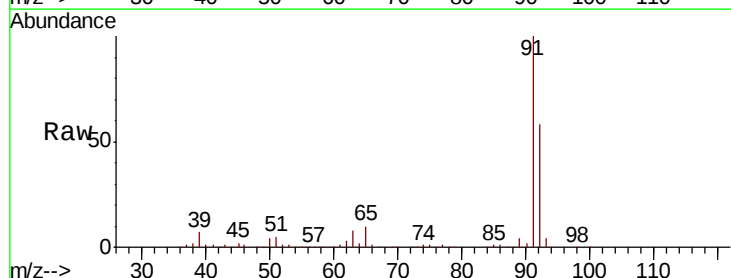
Acq: 13 Jun 2019 20:53

Tgt Ion: 92 Resp: 355326

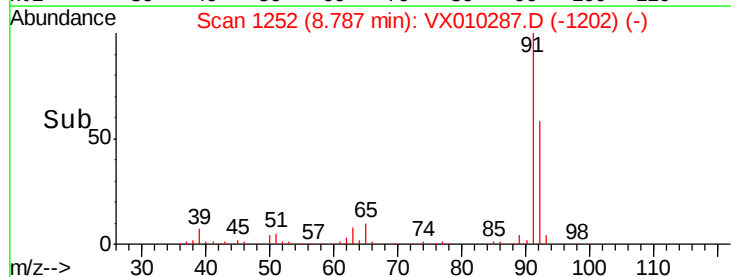
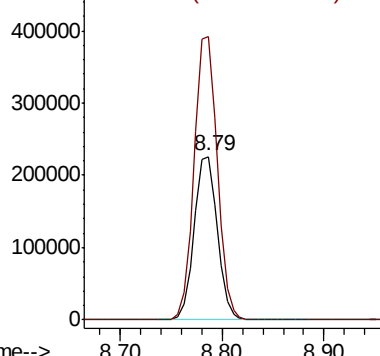
Ion Ratio Lower Upper

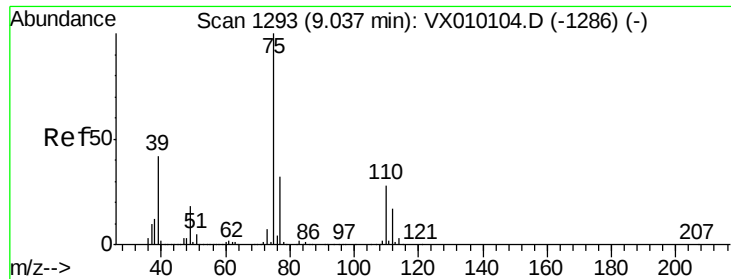
92 100

91 173.6 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

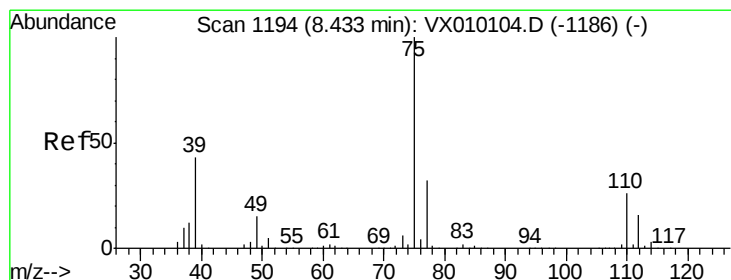
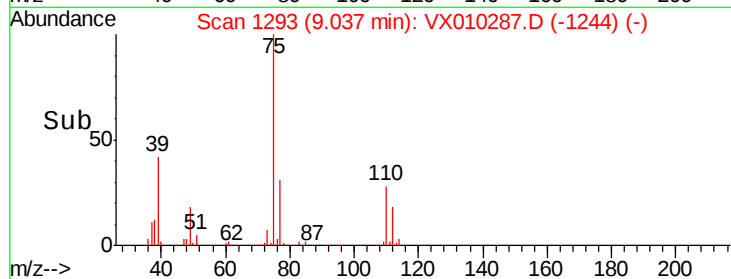
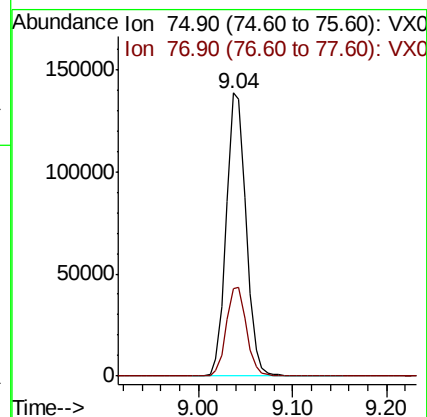
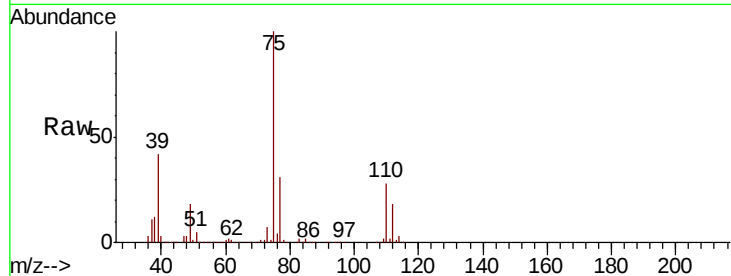




#53
 t-1,3-Dichloropropene
 Concen: 43.662 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX010287.D
 Acq: 13 Jun 2019 20:53

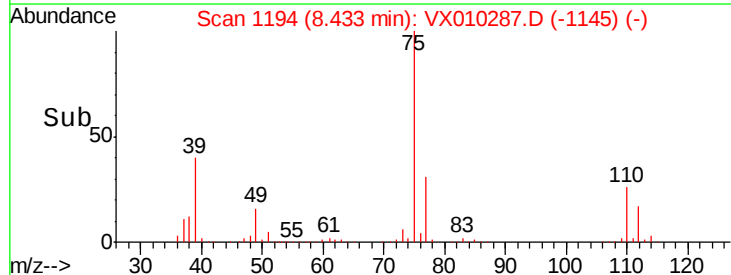
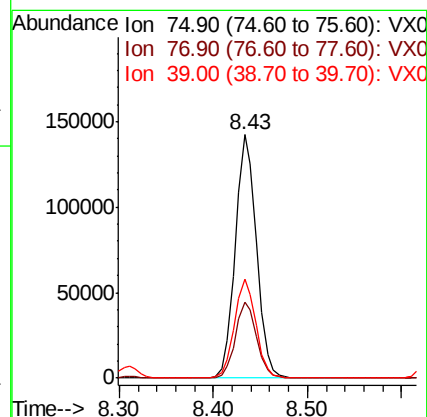
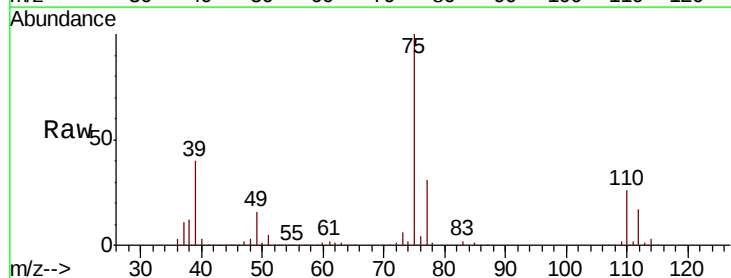
Instrument :
 MSVOA_X
 ClientSampleId :

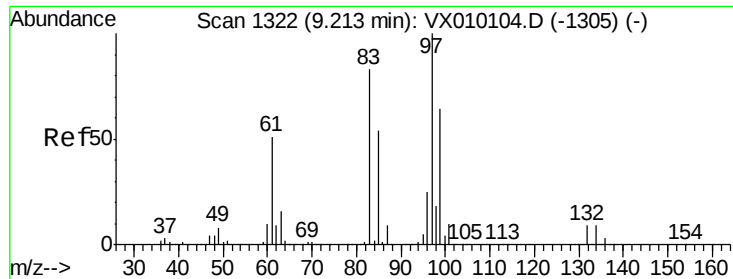
Tot Ion: 75 Resp: 202363
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 44.595 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010287.D
 Acq: 13 Jun 2019 20:53

Tgt Ion: 75 Resp: 221576
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.8 37.2
 39 40.3 43.4 65.0#





#55

1,1,2-Trichloroethane

Concen: 48.527 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 149399

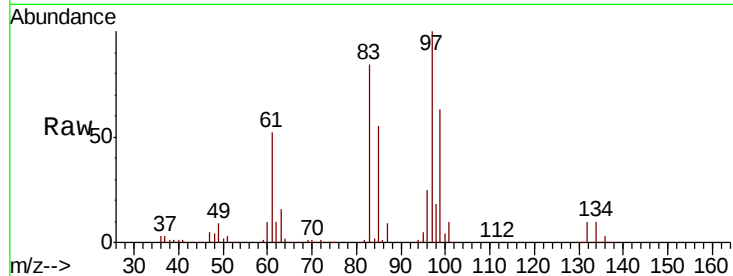
Ion Ratio Lower Upper

97 100

83 84.0 69.8 104.8

85 54.7 45.3 67.9

99 63.0 49.0 73.4

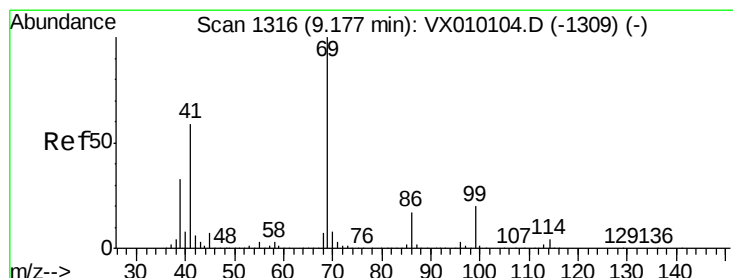
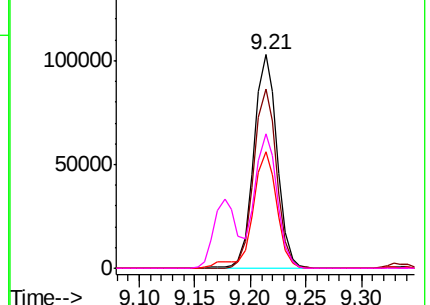
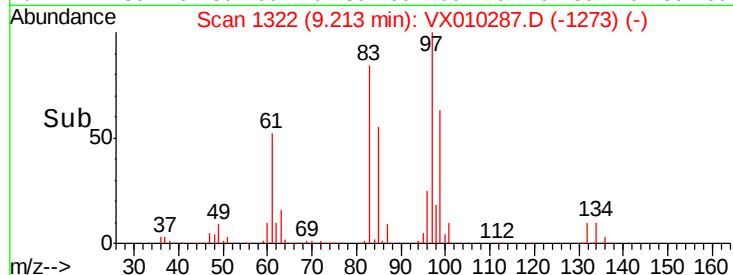


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 47.869 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

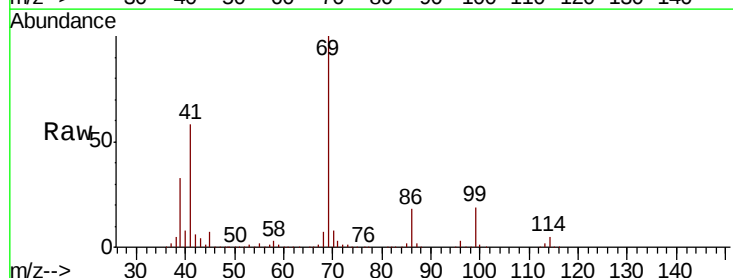
Tgt Ion: 69 Resp: 232796

Ion Ratio Lower Upper

69 100

41 58.6 62.7 94.1#

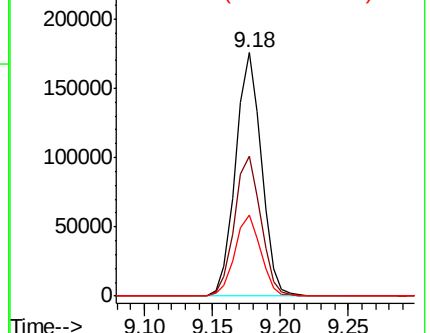
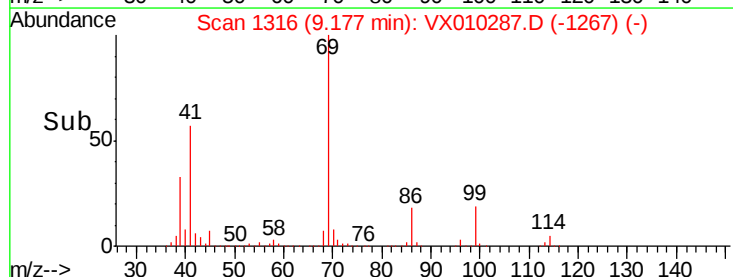
39 33.5 29.5 44.3

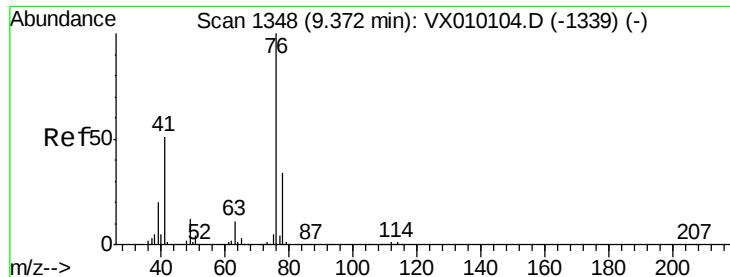


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

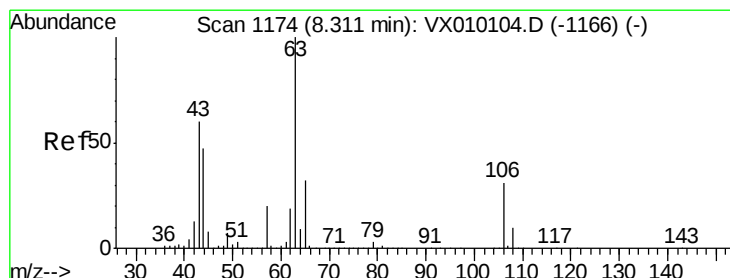
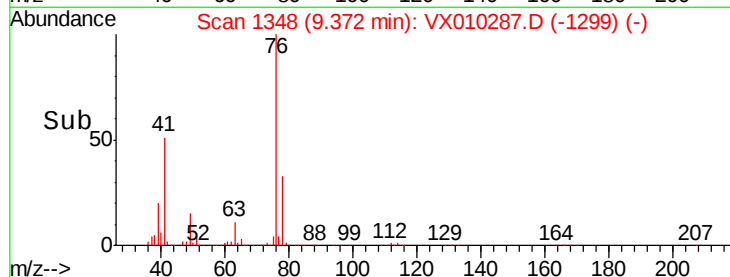
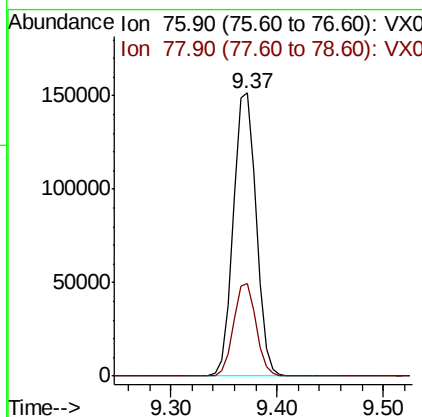
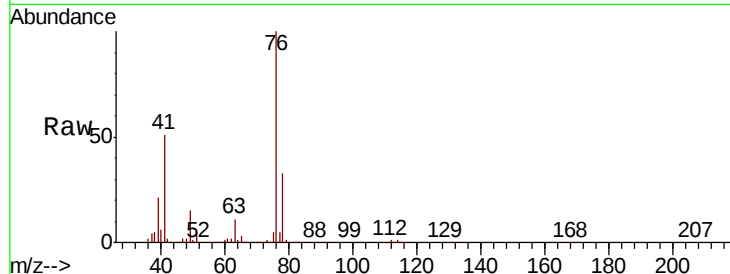




#57
 1,3-Dichloropropane
 Concen: 47.367 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010287.D
 Acq: 13 Jun 2019 20:53

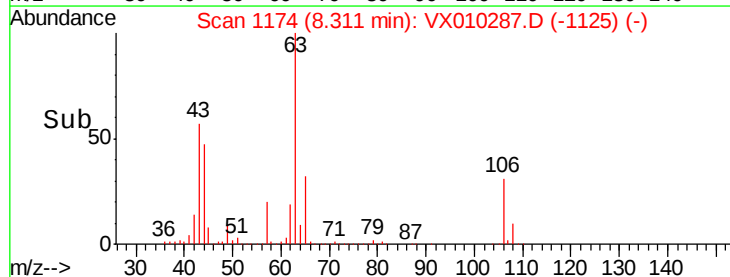
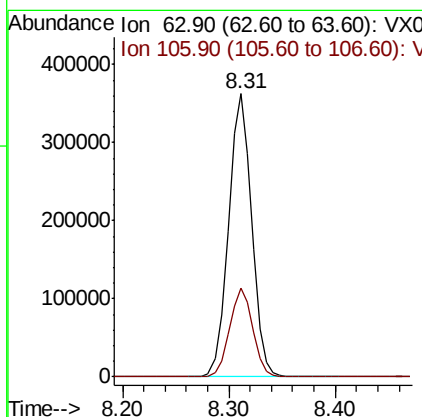
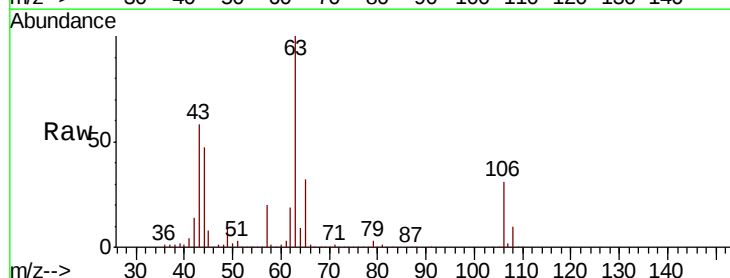
Instrument :
 MSVOA_X
 ClientSampleId :

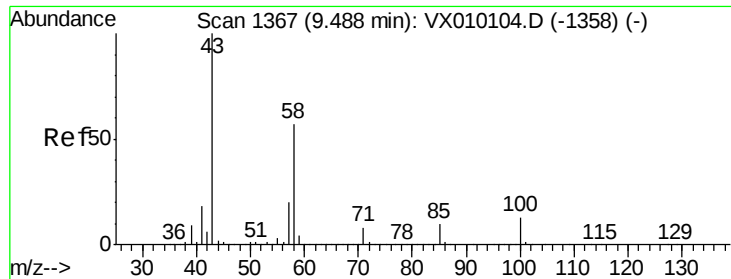
Tot Ion: 76 Resp: 229580
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.987 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010287.D
 Acq: 13 Jun 2019 20:53

Tgt Ion: 63 Resp: 552495
 Ion Ratio Lower Upper
 63 100
 106 31.3 19.4 29.2#

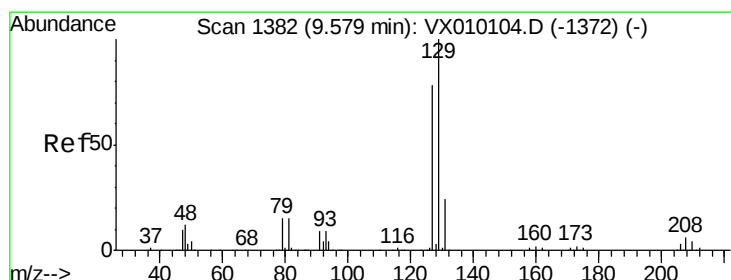
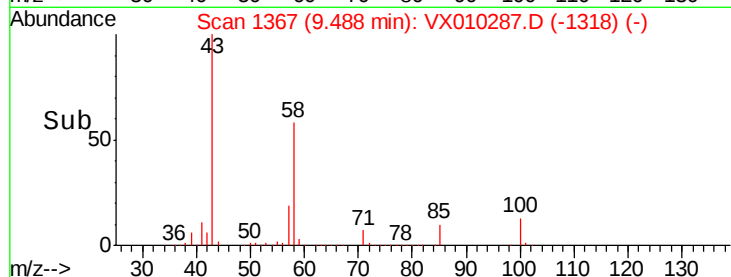
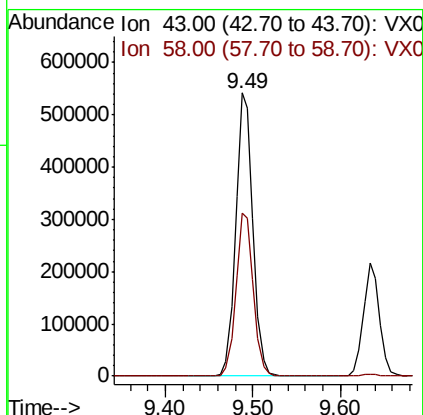
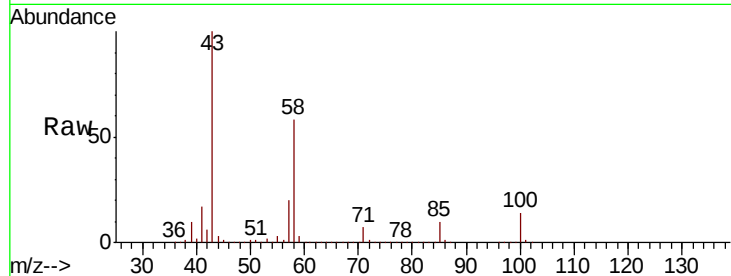




#59
2-Hexanone
Concen: 241.858 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

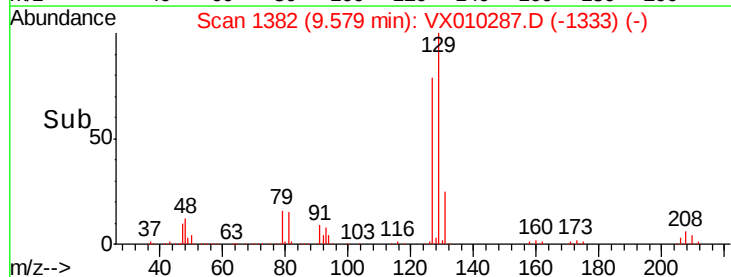
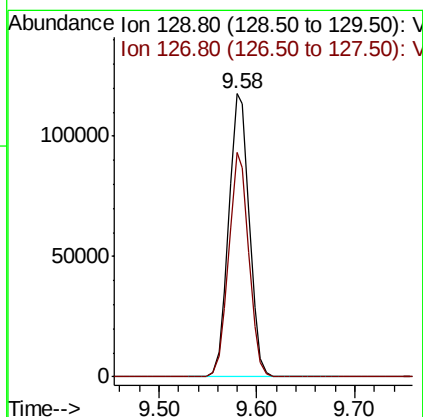
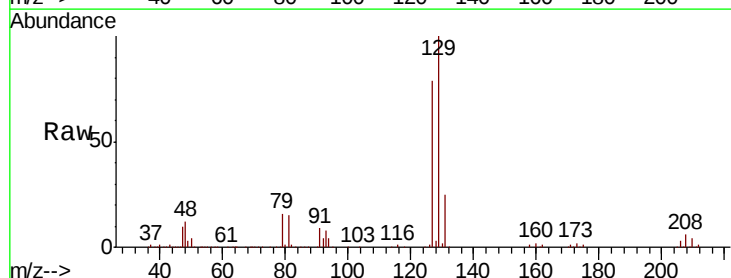
Instrument :
MSVOA_X
ClientSampleId :

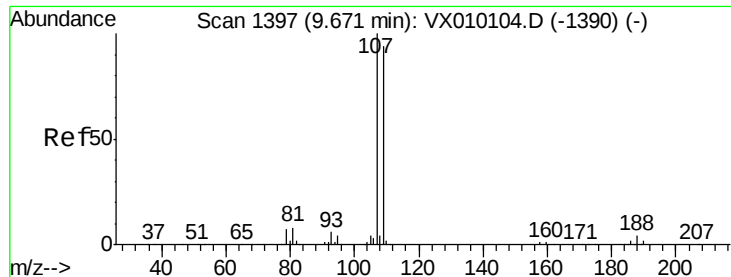
Tot Ion: 43 Resp: 741171
Ion Ratio Lower Upper
43 100
58 58.5 25.1 75.3



#60
Dibromochloromethane
Concen: 47.110 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

Tgt Ion:129 Resp: 171550
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 47.206 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

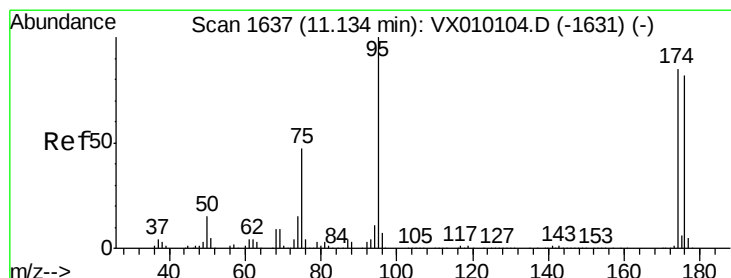
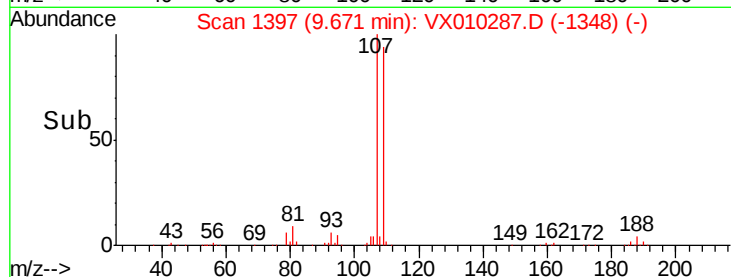
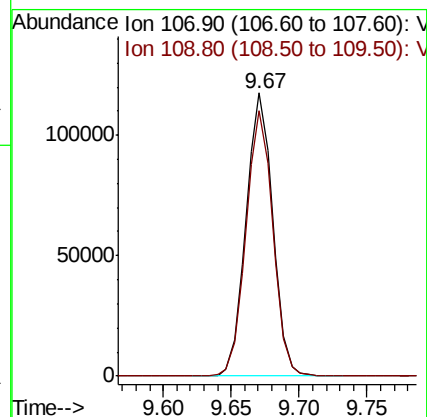
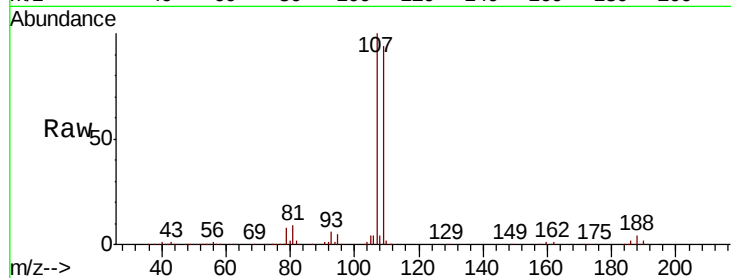
ClientSampleId :

Tot Ion:107 Resp: 161862

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 46.215 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

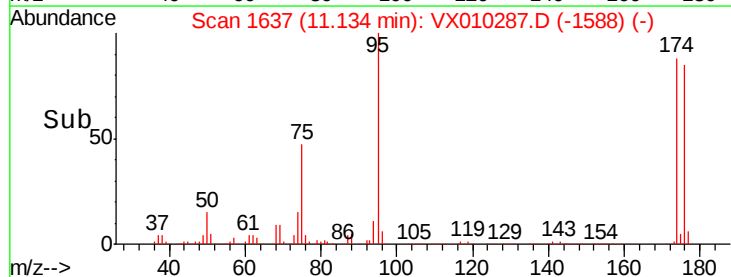
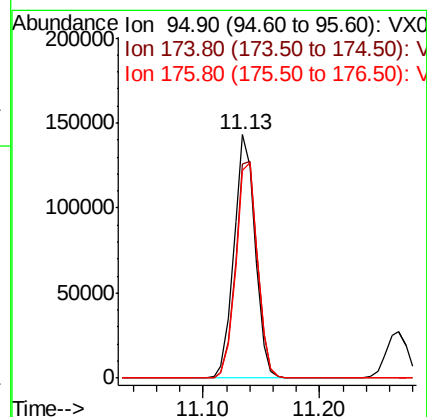
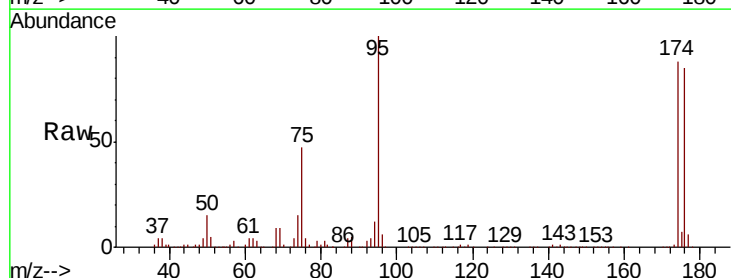
Tgt Ion: 95 Resp: 180866

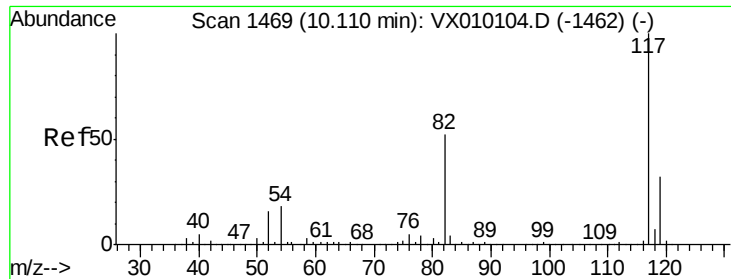
Ion Ratio Lower Upper

95 100

174 92.6 0.0 160.4

176 90.6 0.0 154.6

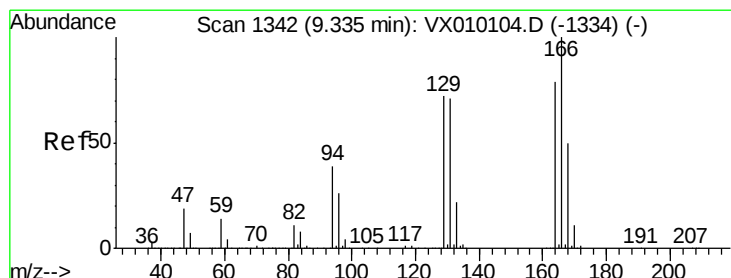
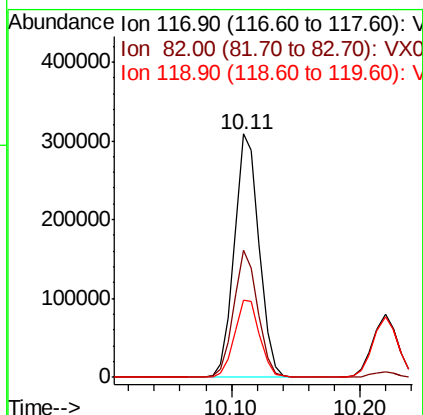
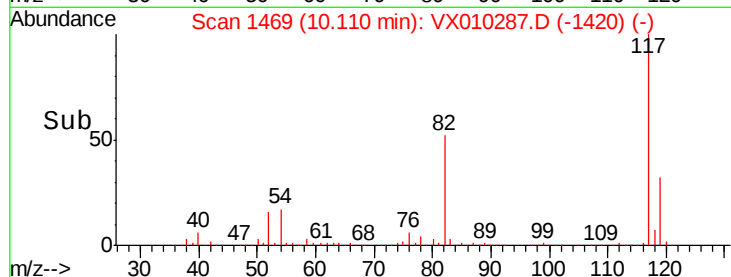
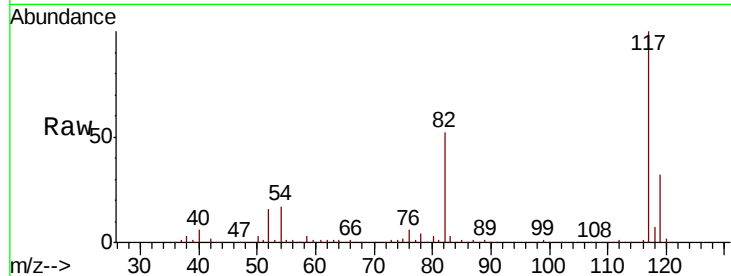




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

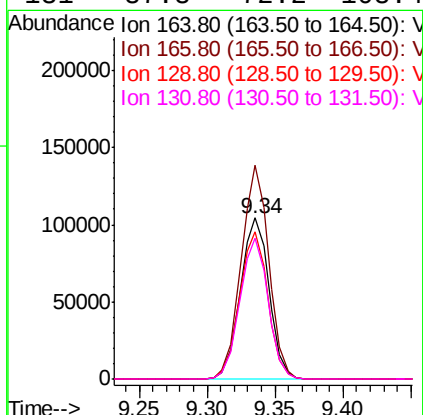
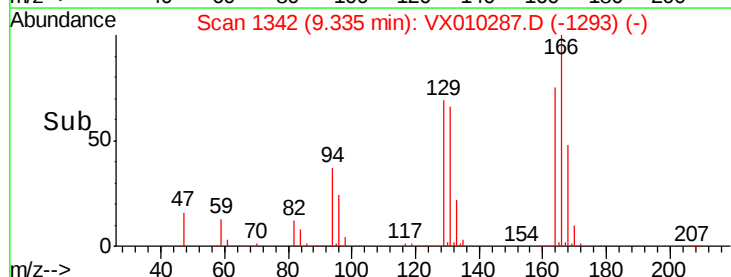
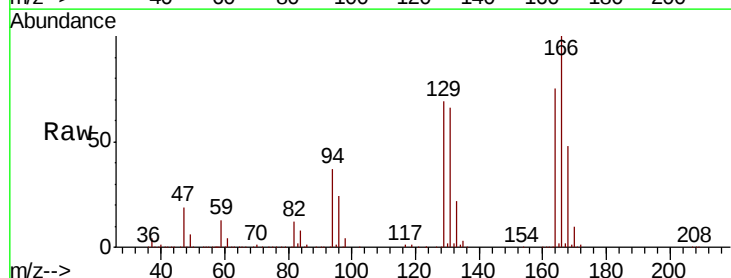
Instrument :
MSVOA_X
ClientSampleId :

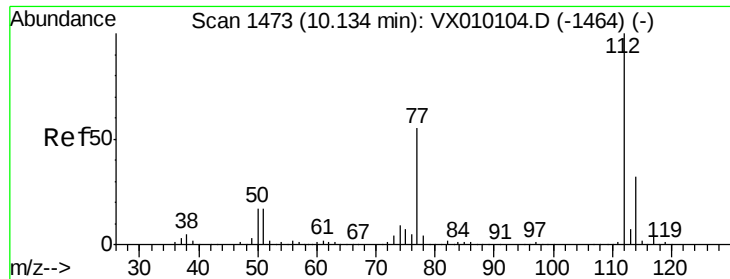
Tot Ion:117 Resp: 414074
Ion Ratio Lower Upper
117 100
82 52.1 49.2 73.8
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 49.746 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

Tgt Ion:164 Resp: 152991
Ion Ratio Lower Upper
164 100
166 132.8 105.0 157.4
129 91.5 75.1 112.7
131 87.8 72.2 108.4

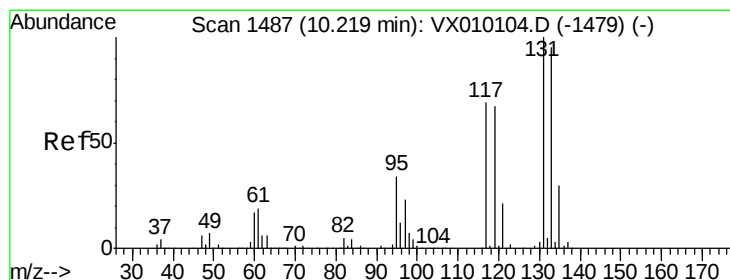
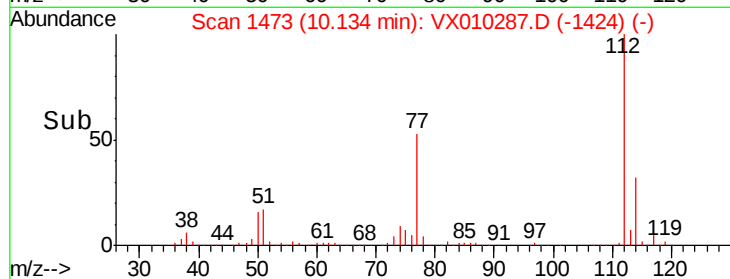
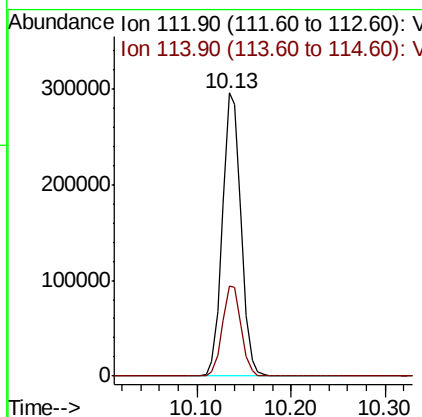
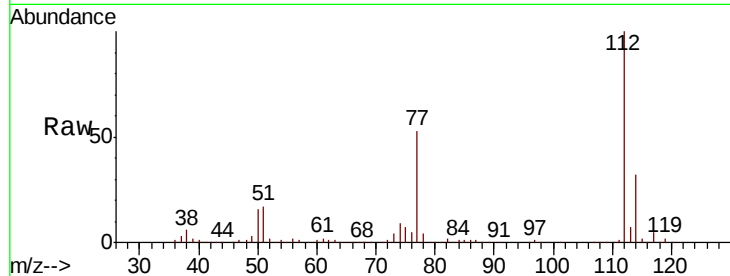




#65
Chlorobenzene
Concen: 47.103 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

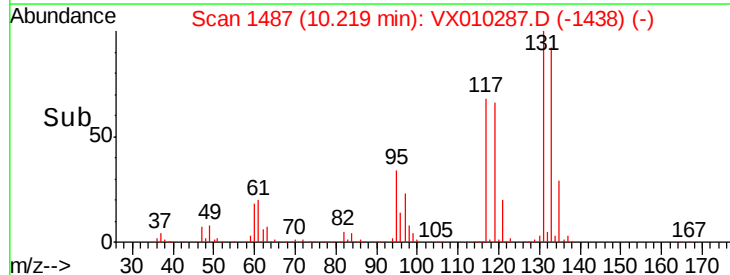
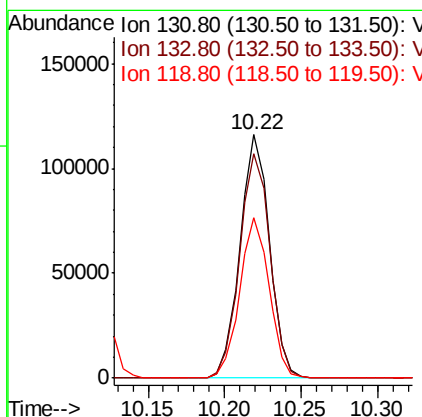
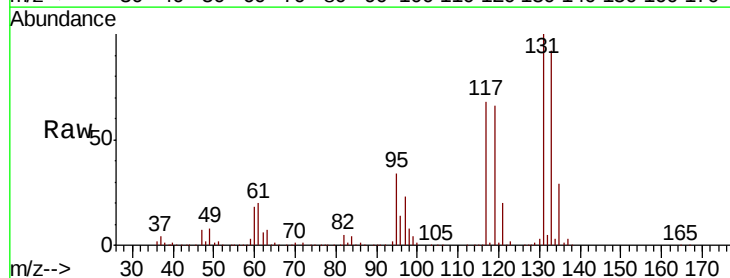
Instrument :
MSVOA_X
ClientSampleId :

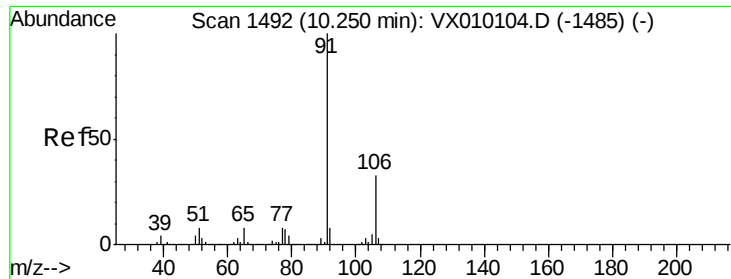
Tot Ion:112 Resp: 402551
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 47.122 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

Tgt Ion:131 Resp: 154869
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 66.2 33.4 100.1





#67

Ethyl Benzene

Concen: 46.876 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

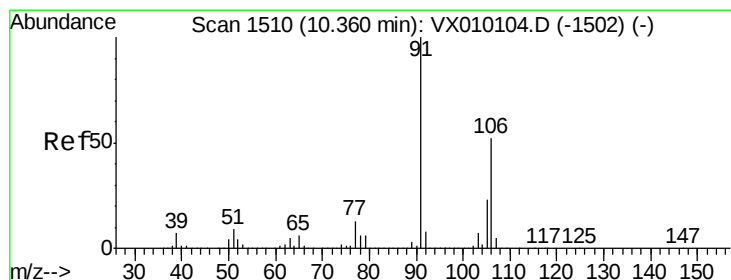
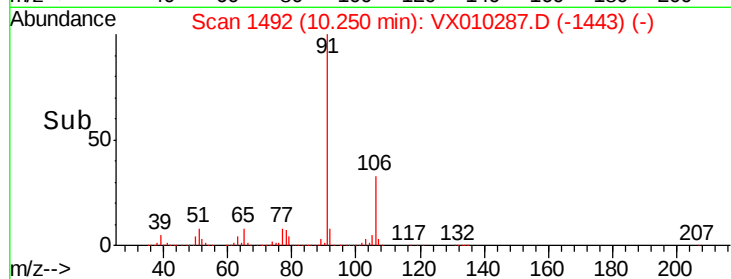
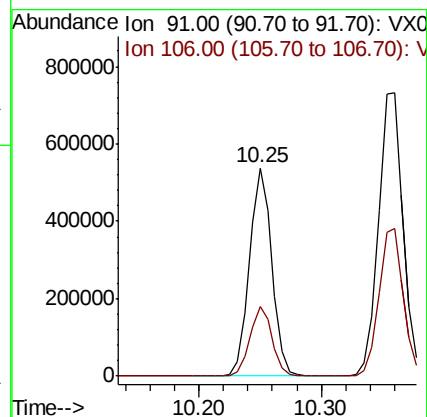
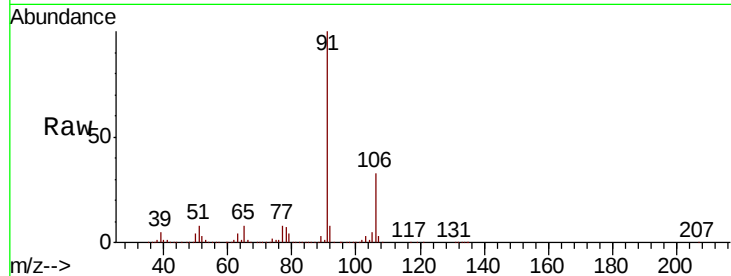
ClientSampled :

Tot Ion: 91 Resp: 681980

Ion Ratio Lower Upper

91 100

106 33.3 23.9 35.9



#68

m/p-Xylenes

Concen: 93.886 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010287.D

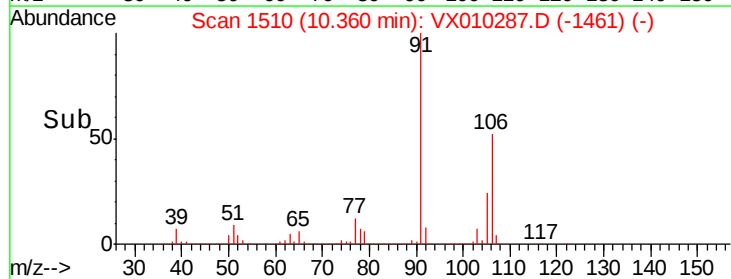
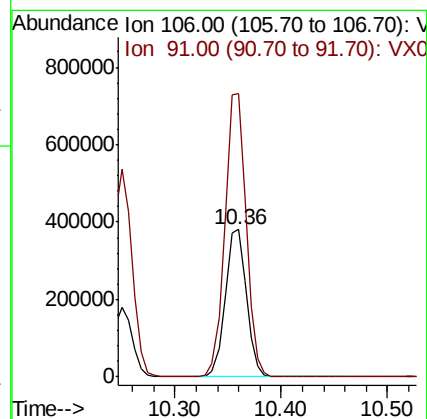
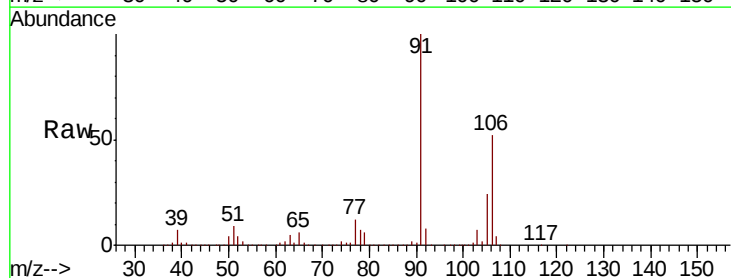
Acq: 13 Jun 2019 20:53

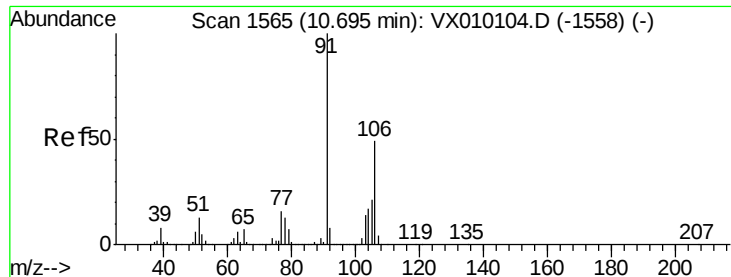
Tgt Ion: 106 Resp: 528565

Ion Ratio Lower Upper

106 100

91 193.3 167.3 250.9

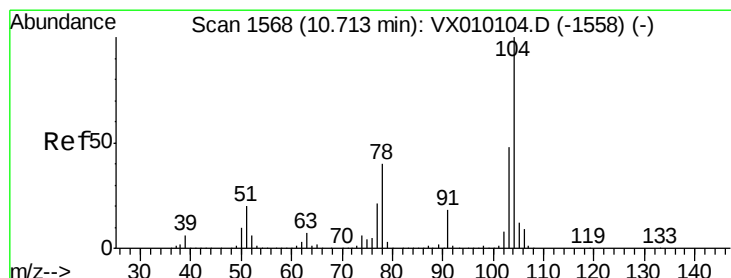
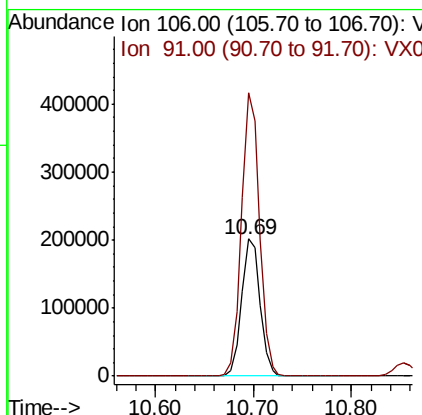
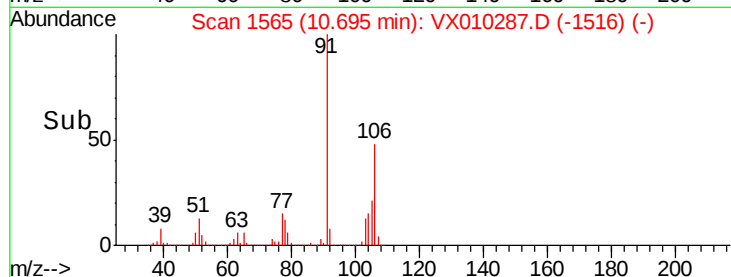
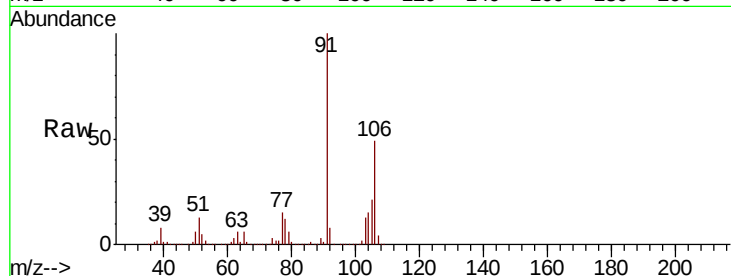




#69
o-Xylene
Concen: 47.035 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

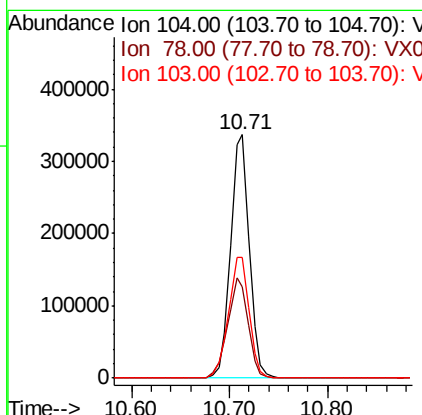
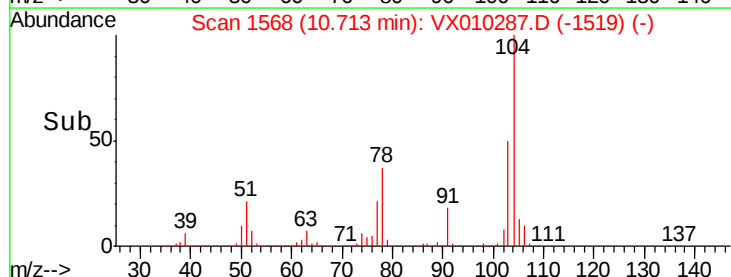
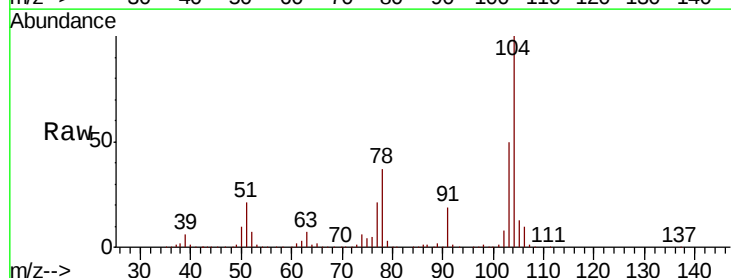
Instrument :
MSVOA_X
ClientSampled :

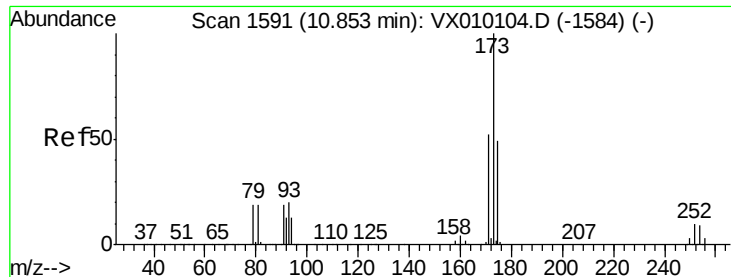
Tot Ion:106 Resp: 263227
Ion Ratio Lower Upper
106 100
91 201.9 110.4 331.2



#70
Styrene
Concen: 47.225 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

Tgt Ion:104 Resp: 447617
Ion Ratio Lower Upper
104 100
78 44.9 42.1 63.1
103 55.1 44.1 66.1





#71

Bromoform

Concen: 45.817 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

ClientSampled :

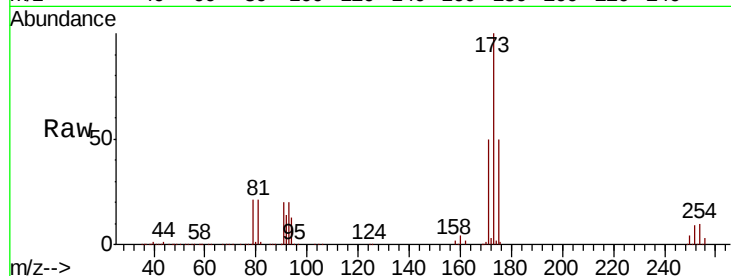
Tot Ion:173 Resp: 138428

Ion Ratio Lower Upper

173 100

175 49.0 25.0 75.0

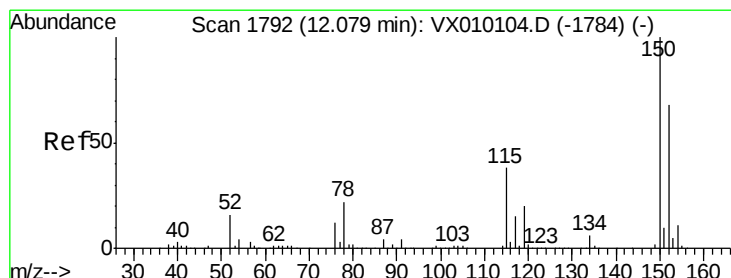
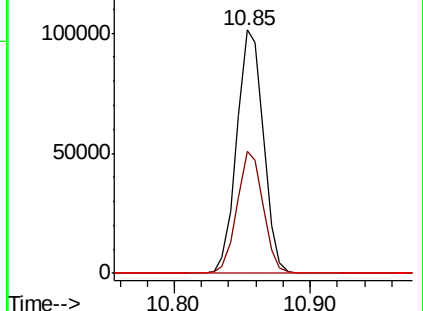
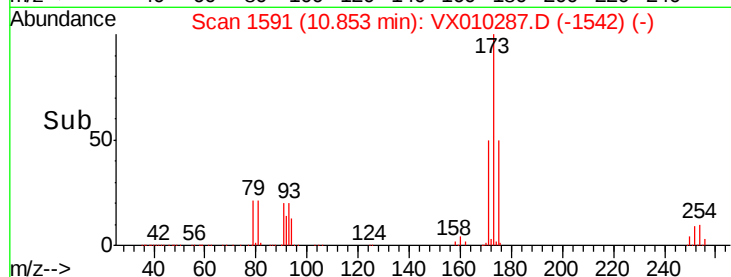
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

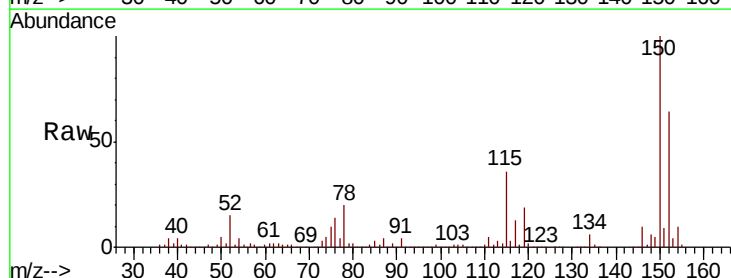
Tgt Ion:152 Resp: 211681

Ion Ratio Lower Upper

152 100

115 76.9 41.4 124.2

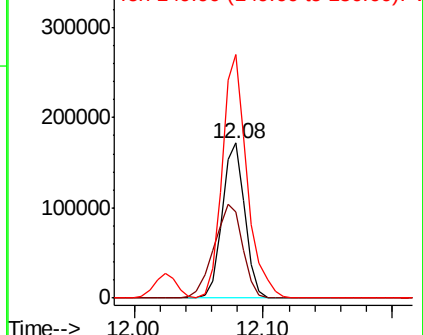
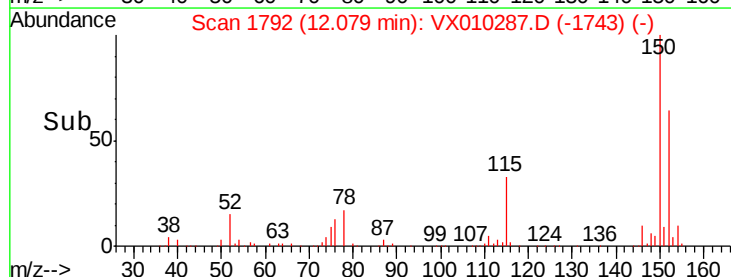
150 172.3 0.0 345.2

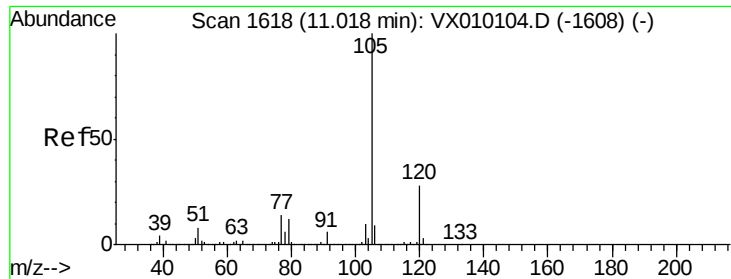


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.669 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

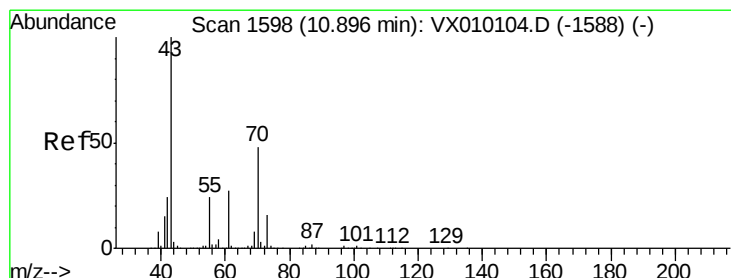
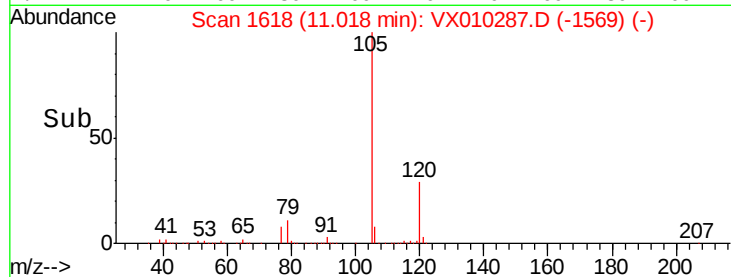
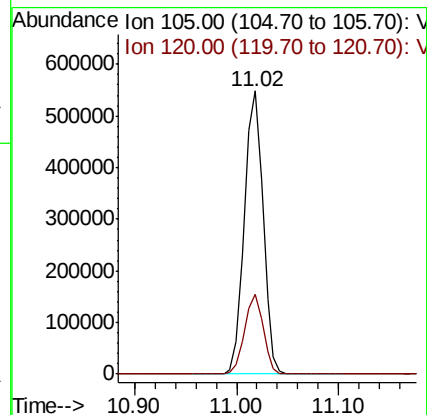
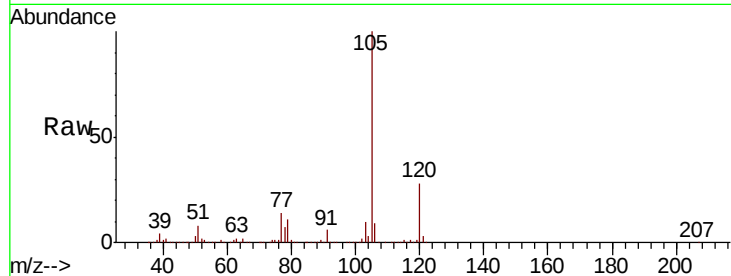
ClientSampleId :

Tot Ion:105 Resp: 689614

Ion Ratio Lower Upper

105 100

120 28.0 12.8 38.4



#74

N-ethyl acetate

Concen: 46.463 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Tgt Ion: 43 Resp: 271403

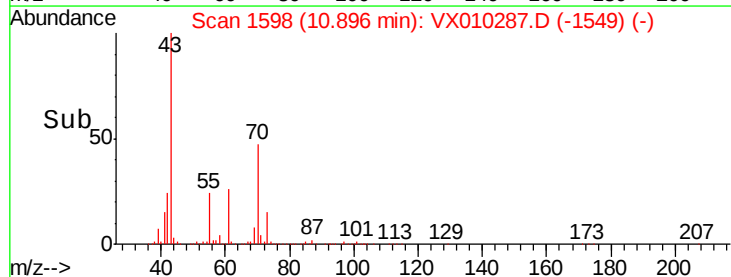
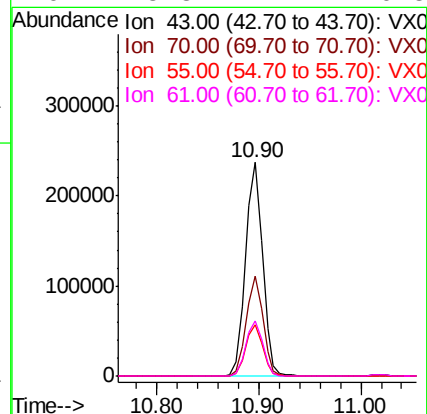
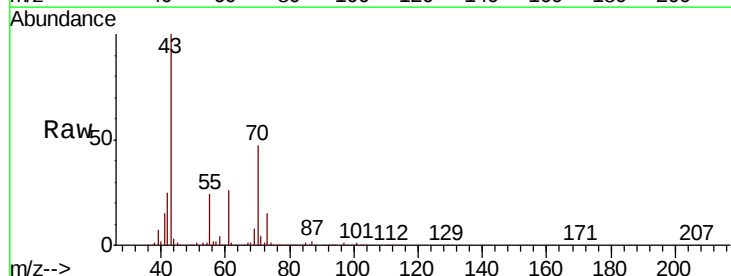
Ion Ratio Lower Upper

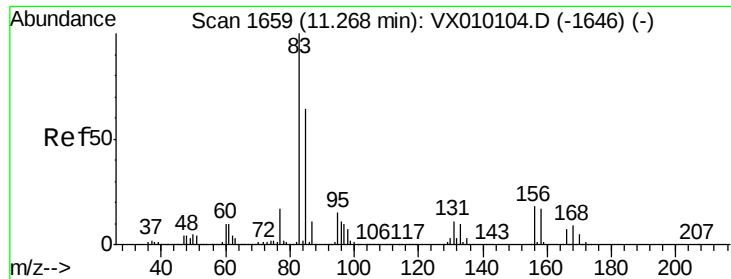
43 100

70 46.1 28.6 43.0#

55 24.0 17.8 26.8

61 25.8 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.610 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

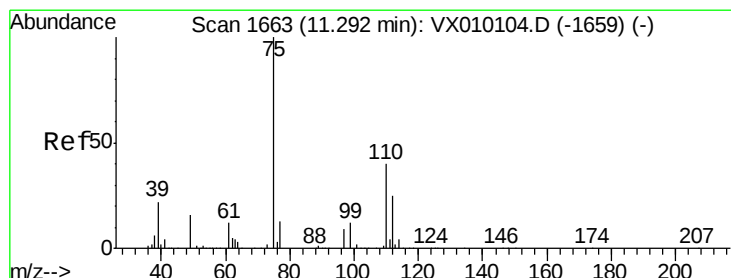
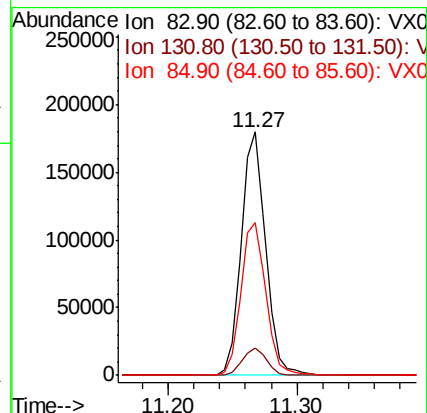
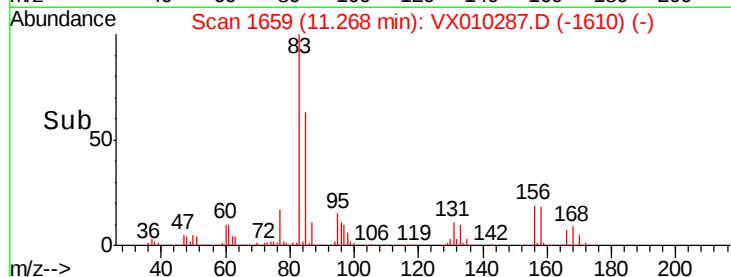
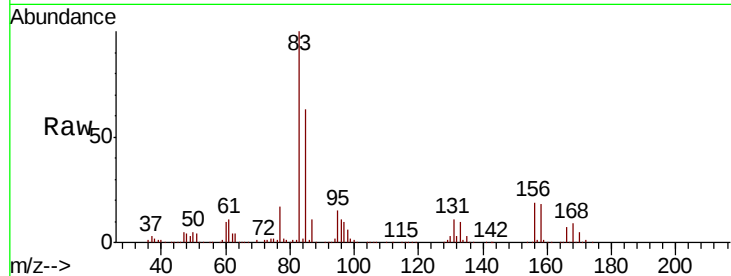
Tot Ion: 83 Resp: 235764

Ion Ratio Lower Upper

83 100

131 11.1 4.7 14.1

85 64.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 62.389 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010287.D

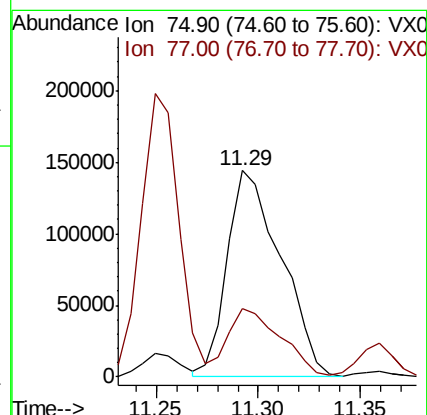
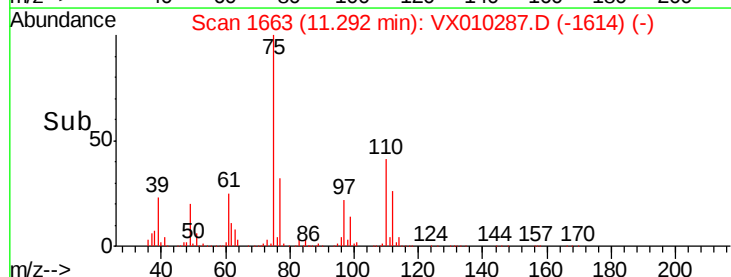
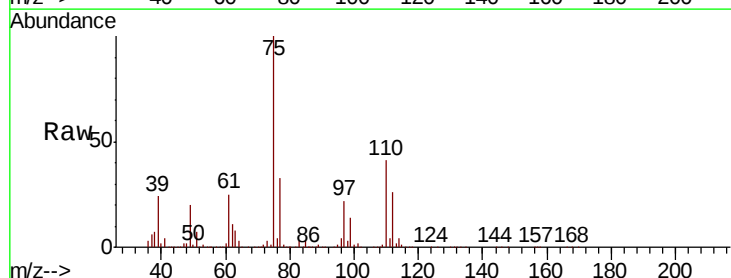
Acq: 13 Jun 2019 20:53

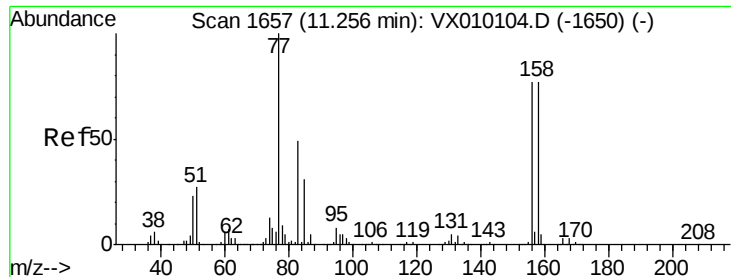
Tgt Ion: 75 Resp: 264156

Ion Ratio Lower Upper

75 100

77 32.8 22.1 66.1





#77

Bromobenzene

Concen: 46.653 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

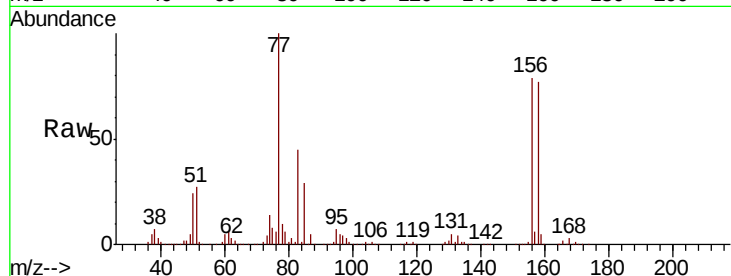
Tot Ion:156 Resp: 189576

Ion Ratio Lower Upper

156 100

77 133.9 86.8 260.3

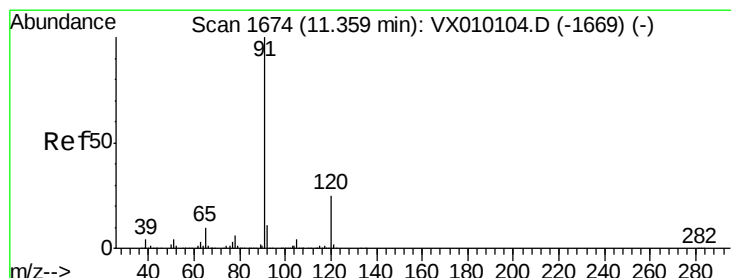
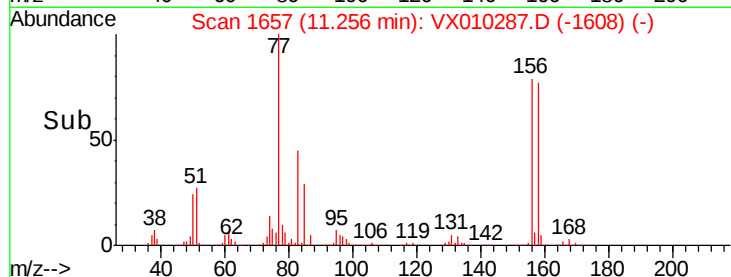
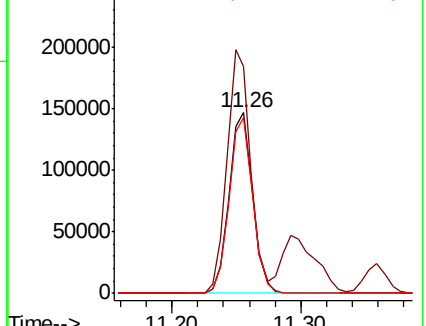
158 97.0 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.406 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010287.D

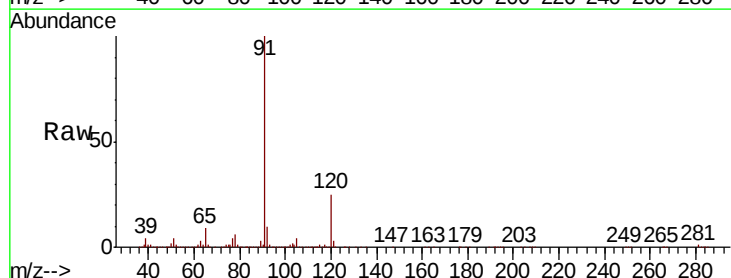
Acq: 13 Jun 2019 20:53

Tgt Ion: 91 Resp: 763413

Ion Ratio Lower Upper

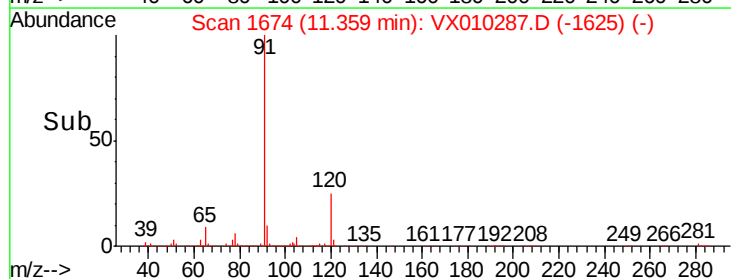
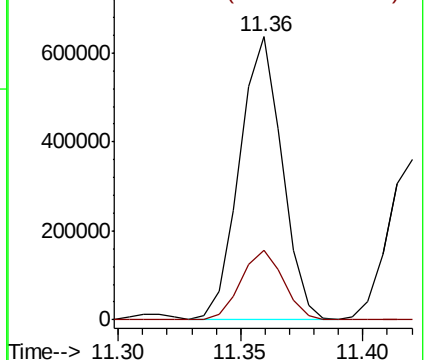
91 100

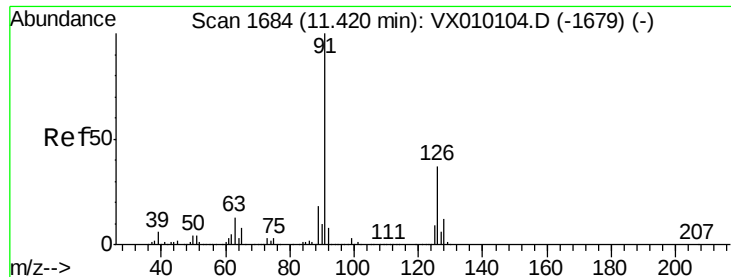
120 24.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.691 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

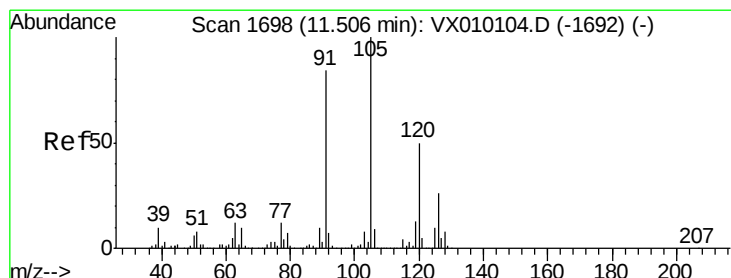
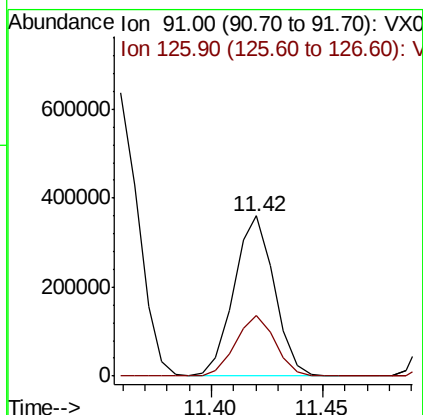
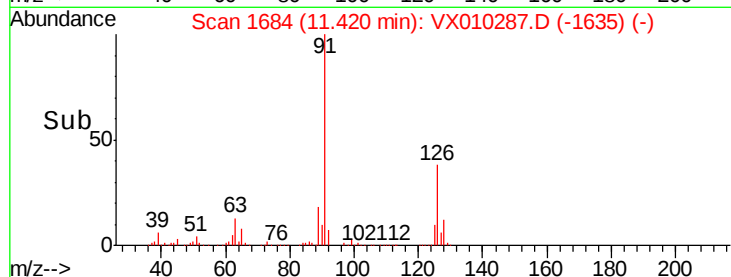
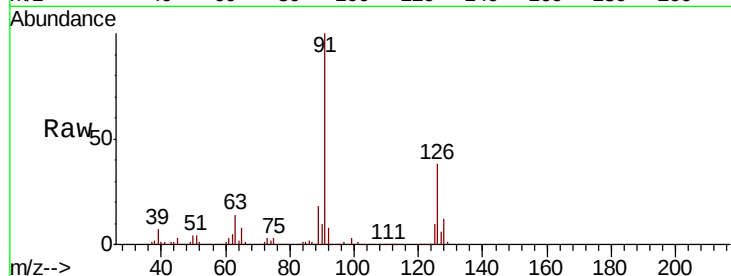
ClientSampleId :

Tot Ion: 91 Resp: 451436

Ion Ratio Lower Upper

91 100

126 37.6 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 45.959 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010287.D

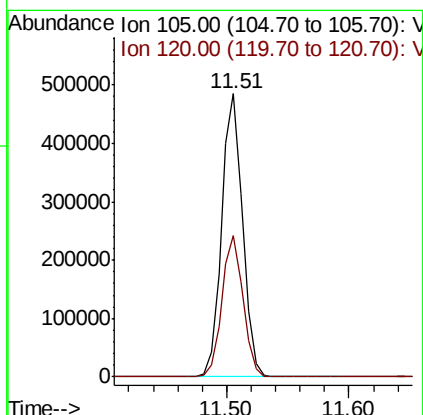
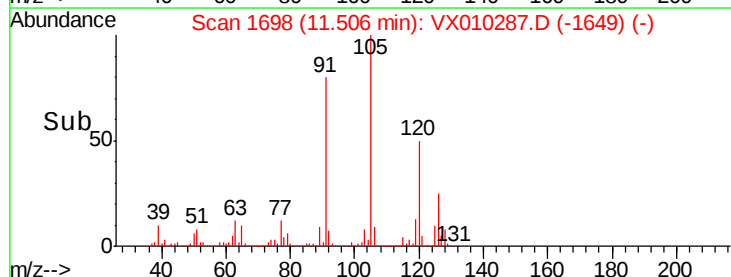
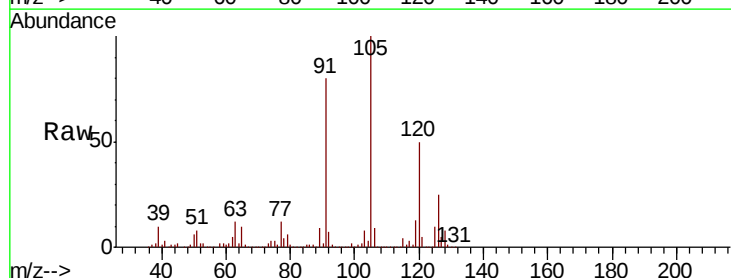
Acq: 13 Jun 2019 20:53

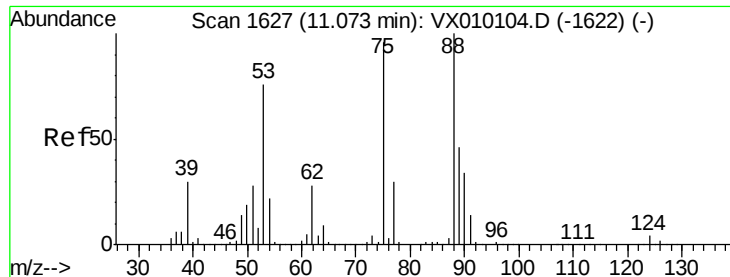
Tgt Ion:105 Resp: 572002

Ion Ratio Lower Upper

105 100

120 50.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 41.090 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

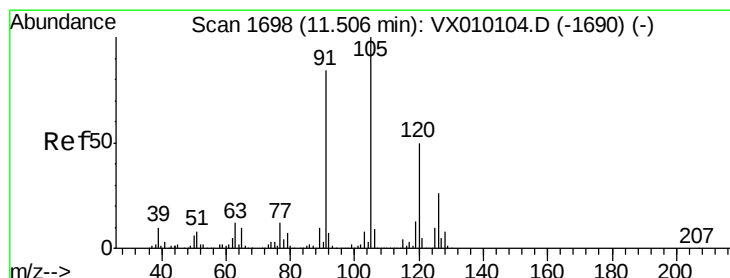
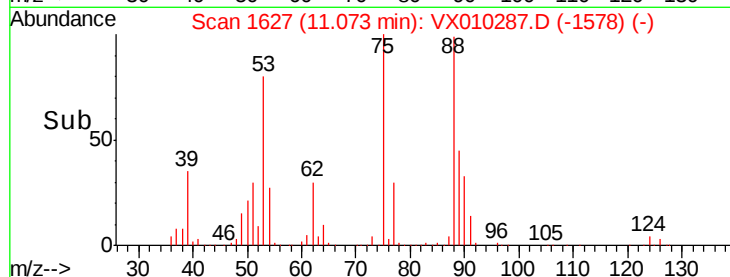
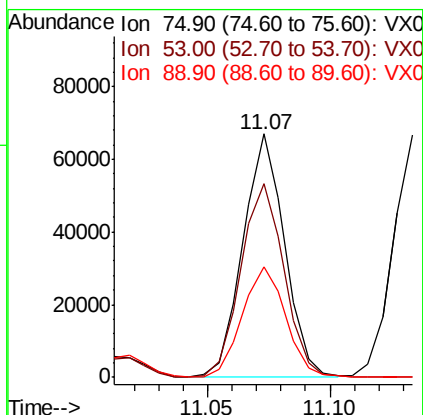
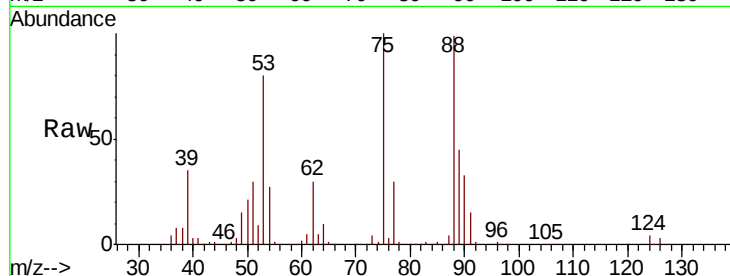
Tot Ion: 75 Resp: 78742

Ion Ratio Lower Upper

75 100

53 82.6 79.8 119.6

89 47.5 34.2 51.4



#82

4-Chlorotoluene

Concen: 46.082 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010287.D

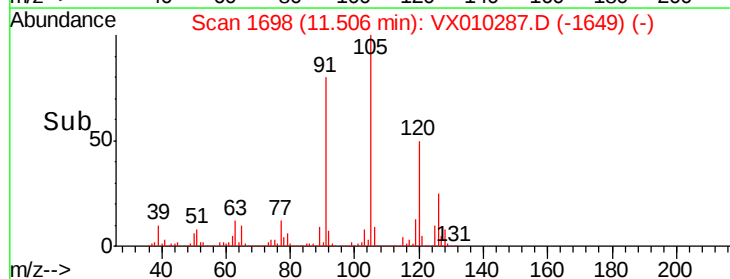
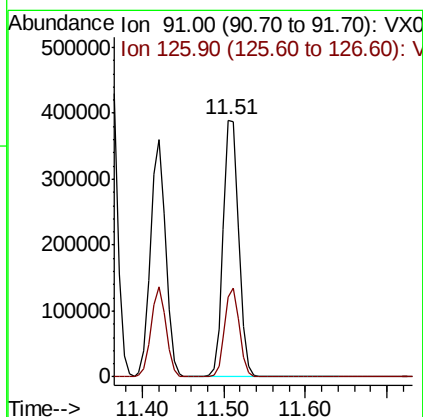
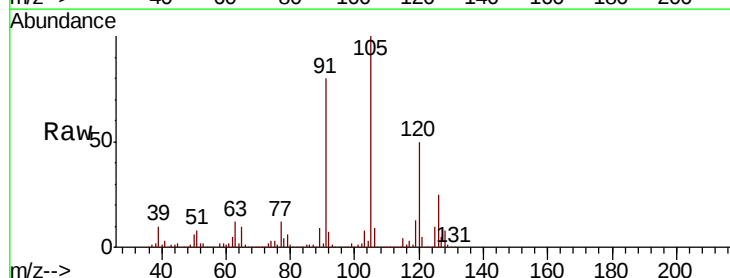
Acq: 13 Jun 2019 20:53

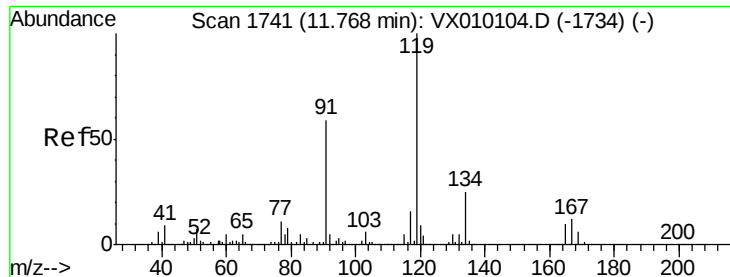
Tgt Ion: 91 Resp: 517211

Ion Ratio Lower Upper

91 100

126 32.8 14.2 42.6

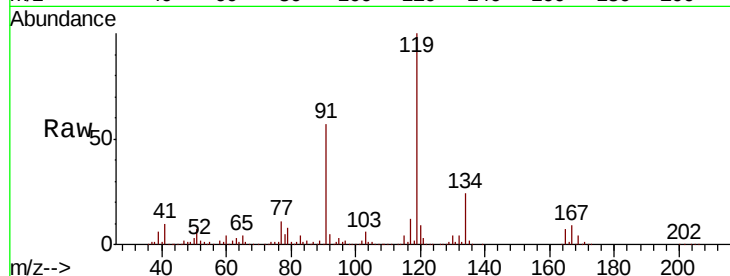




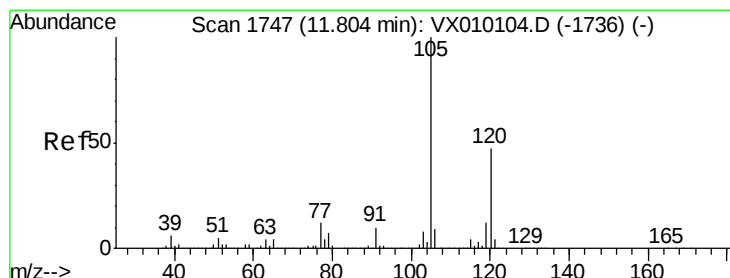
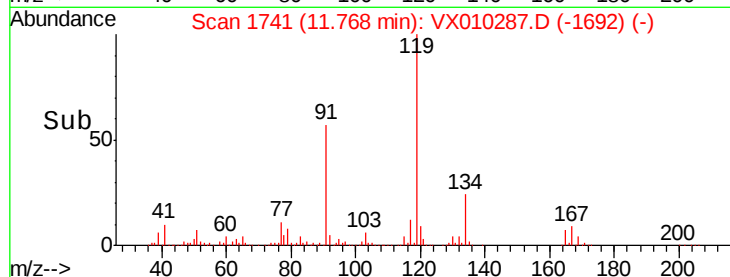
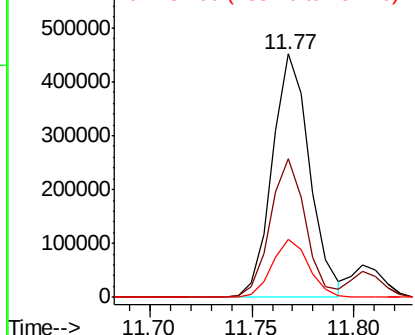
#83
tert-Butylbenzene
Concen: 45.845 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 577507
Ion Ratio Lower Upper
119 100
91 53.9 30.0 90.0
134 23.4 11.2 33.5

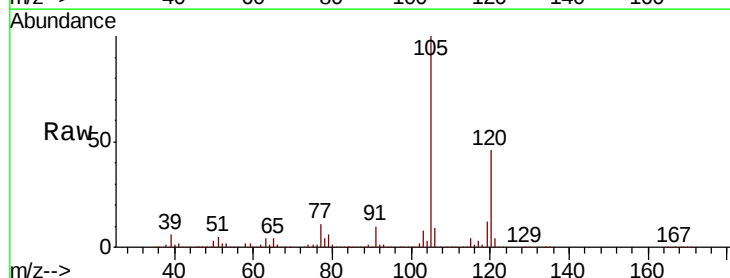


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

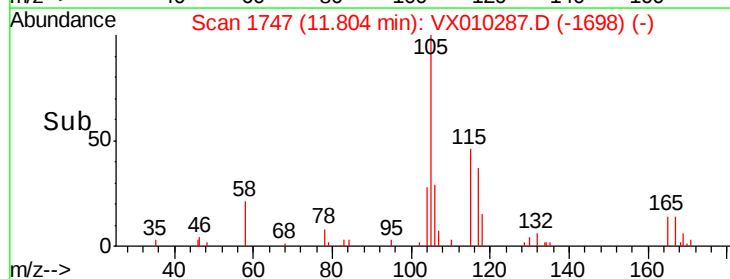
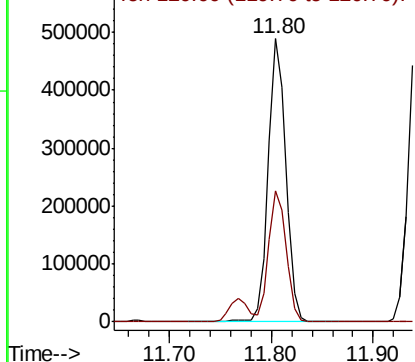


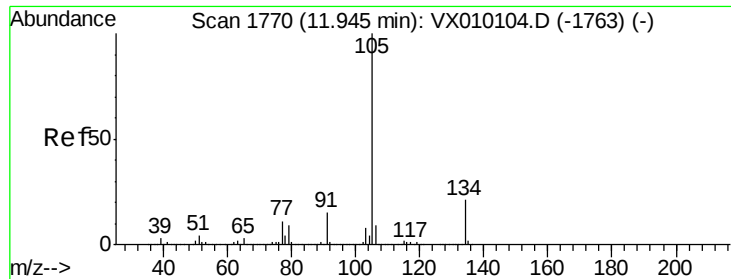
#84
1,2,4-Trimethylbenzene
Concen: 46.482 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

Tgt Ion:105 Resp: 584346
Ion Ratio Lower Upper
105 100
120 46.1 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 46.509 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

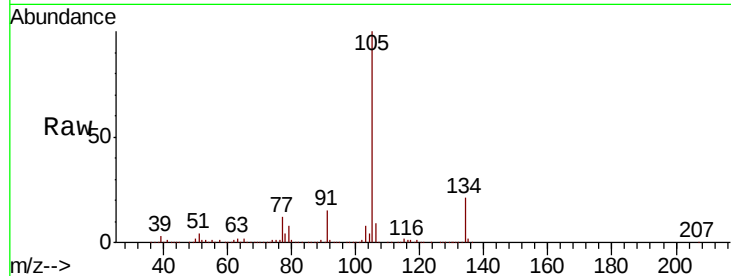
ClientSampleId :

Tot Ion:105 Resp: 682572

Ion Ratio Lower Upper

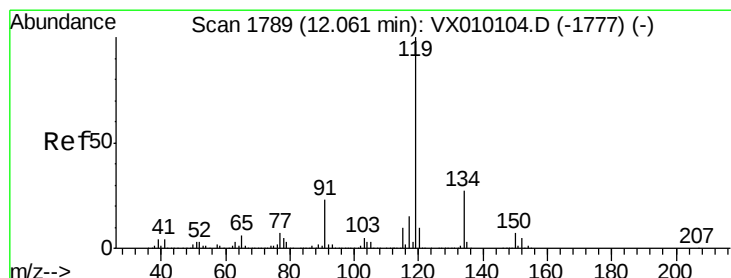
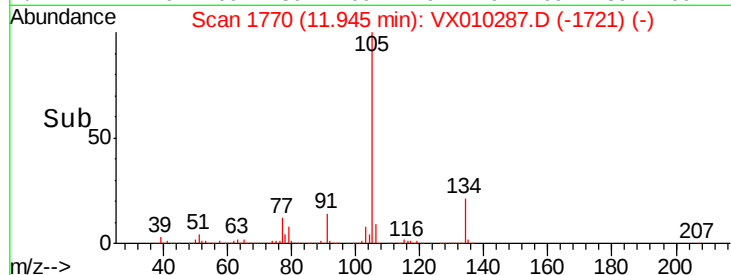
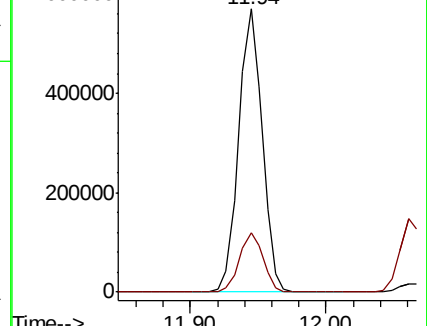
105 100

134 21.2 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.547 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

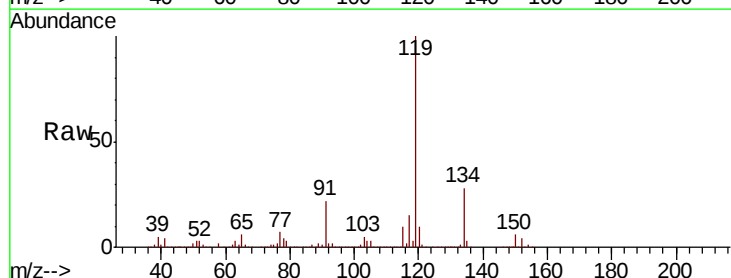
Tgt Ion:119 Resp: 624505

Ion Ratio Lower Upper

119 100

134 27.4 12.9 38.6

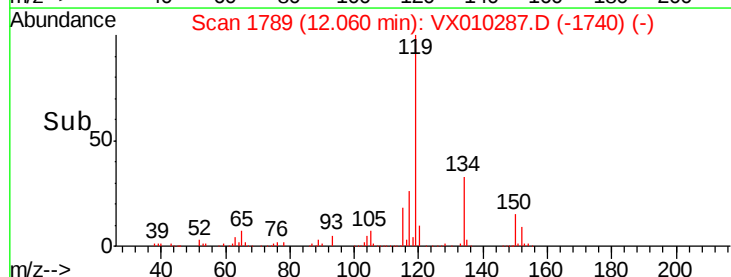
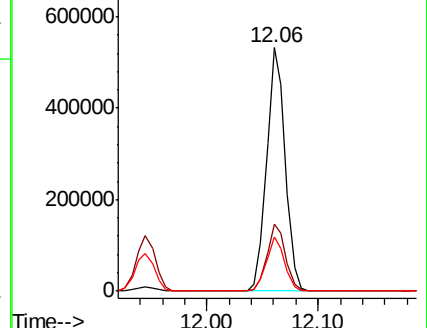
91 21.9 11.9 35.9

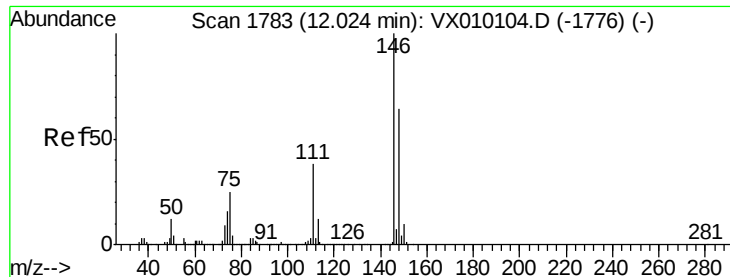


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

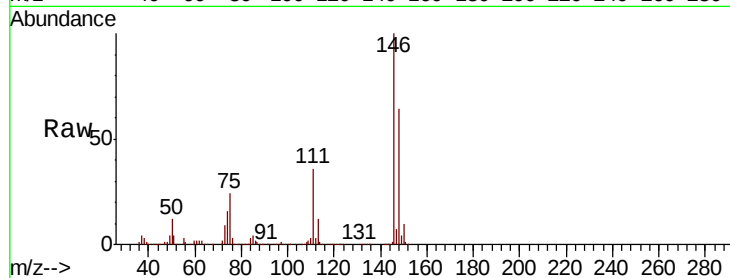




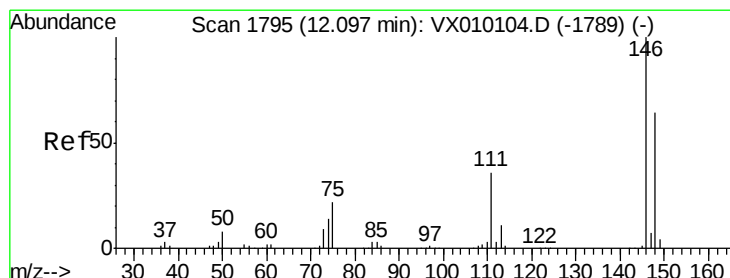
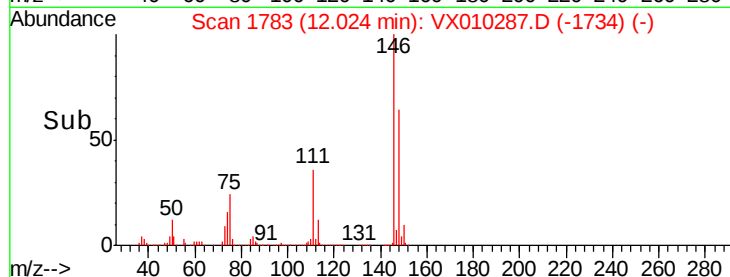
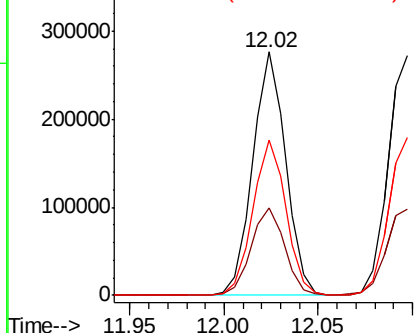
#87
 1,3-Dichlorobenzene
 Concen: 46.618 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010287.D
 Acq: 13 Jun 2019 20:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	20.1	60.2
148	64.2	31.9	95.5

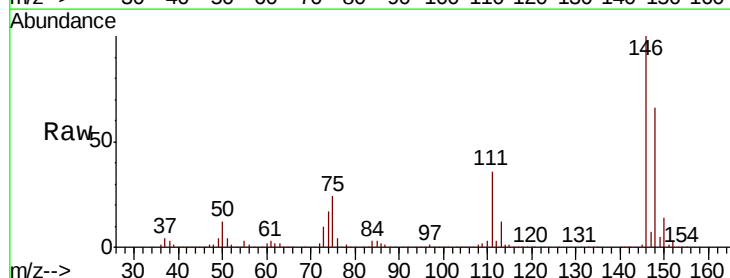


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

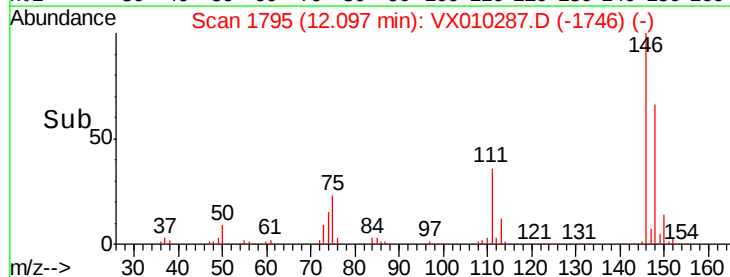
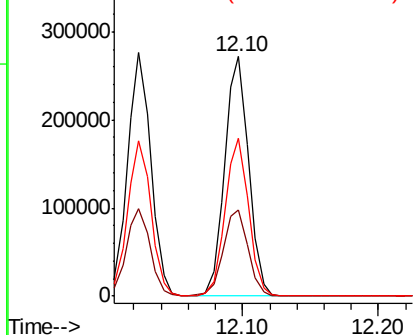


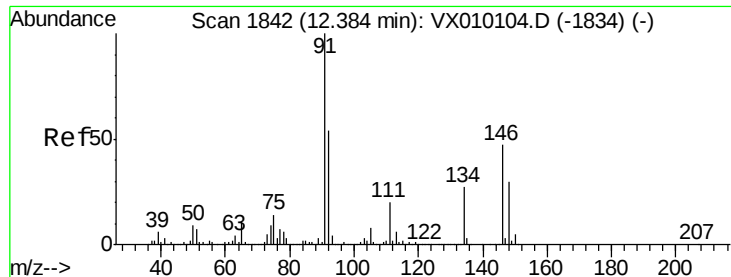
#88
 1,4-Dichlorobenzene
 Concen: 45.739 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010287.D
 Acq: 13 Jun 2019 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	20.0	59.9
148	64.5	32.3	96.9



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

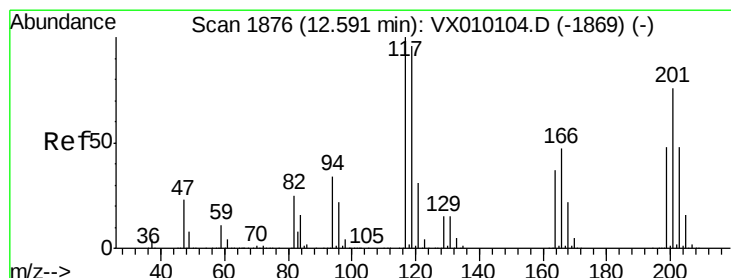
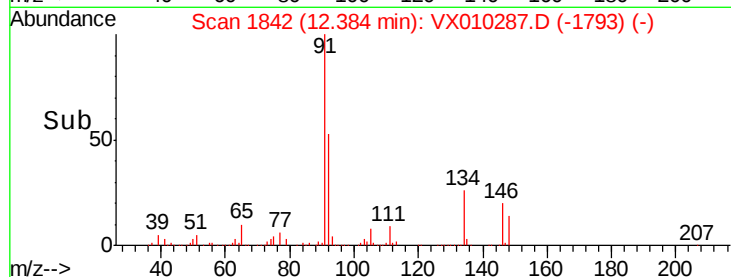
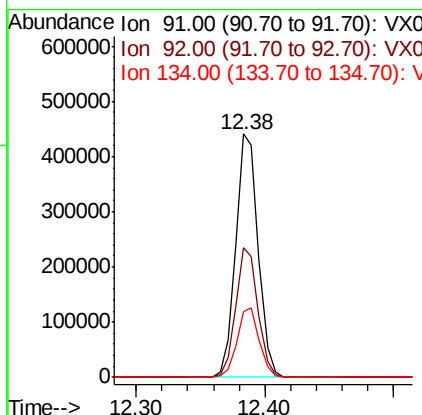
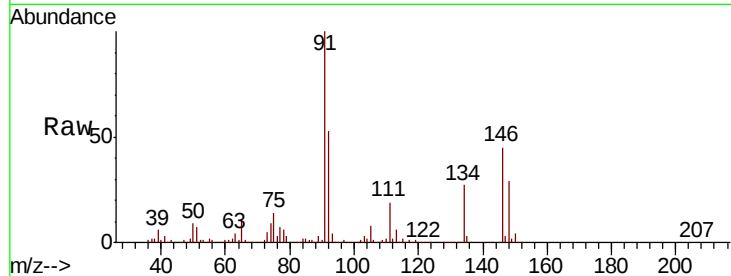




#89
n-Butylbenzene
Concen: 46.259 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

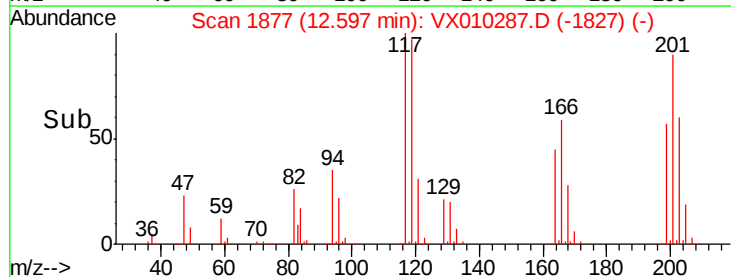
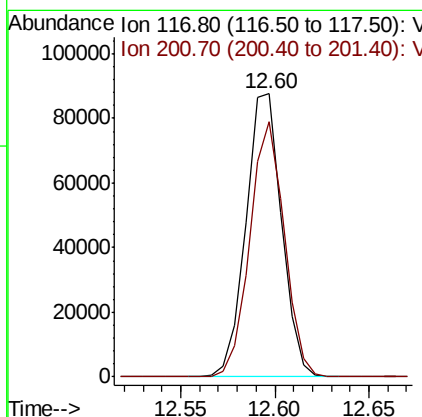
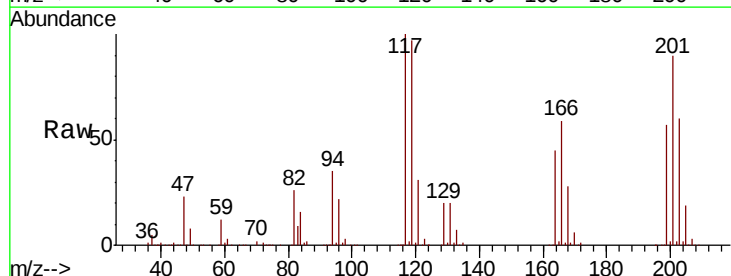
Instrument :
MSVOA_X
ClientSampled :

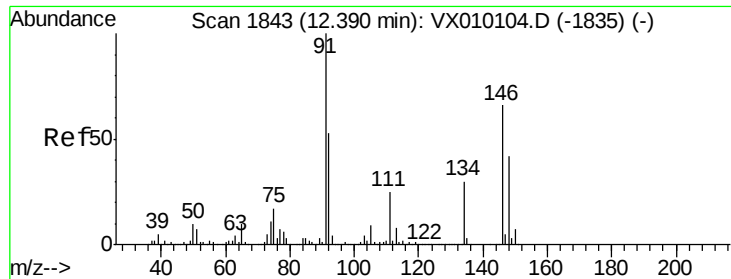
Tot Ion: 91 Resp: 534236
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.8
134 28.3 12.3 36.8



#90
Hexachloroethane
Concen: 43.162 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010287.D
Acq: 13 Jun 2019 20:53

Tgt Ion: 117 Resp: 115356
Ion Ratio Lower Upper
117 100
201 87.0 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 47.225 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

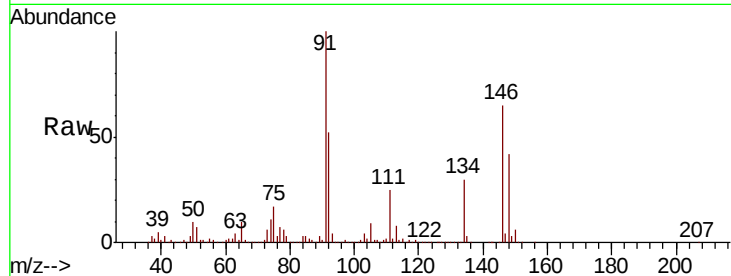
Tot Ion:146 Resp: 328612

Ion Ratio Lower Upper

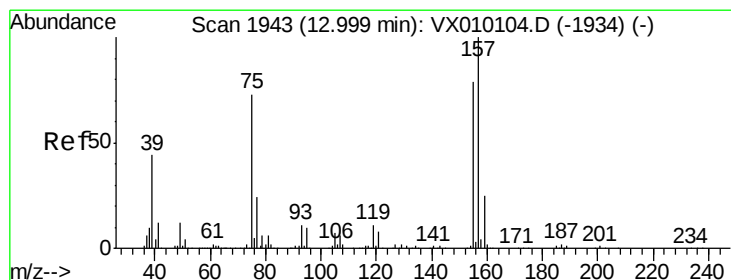
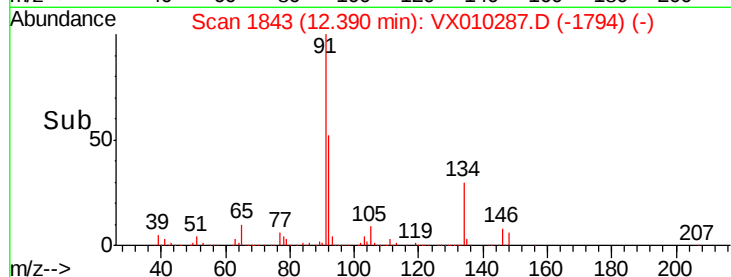
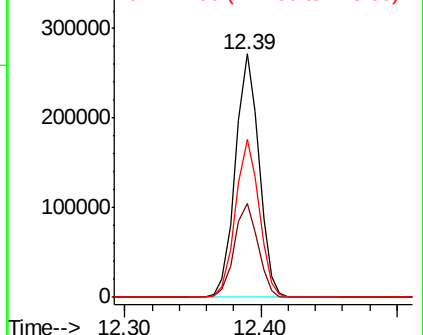
146 100

111 38.8 21.1 63.1

148 65.1 32.3 96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.524 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

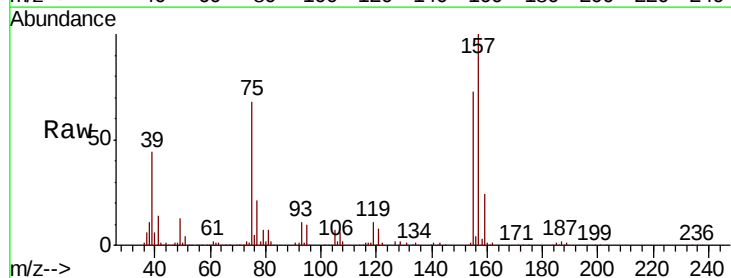
Tgt Ion: 75 Resp: 49425

Ion Ratio Lower Upper

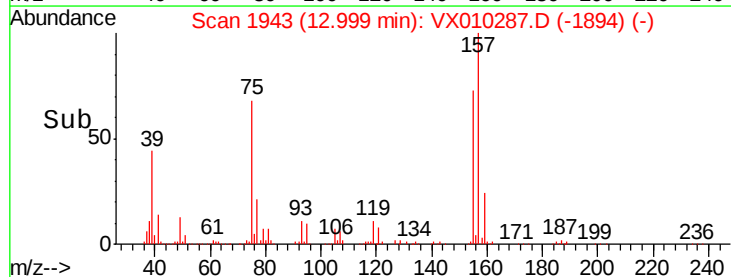
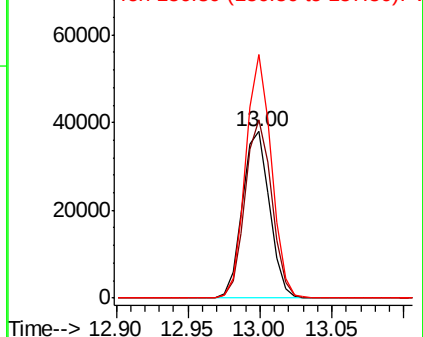
75 100

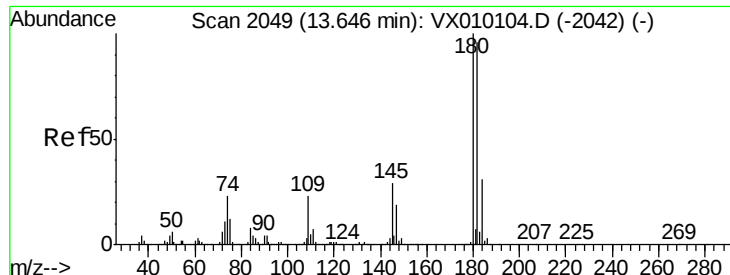
155 105.5 39.3 117.8

157 138.0 50.6 151.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

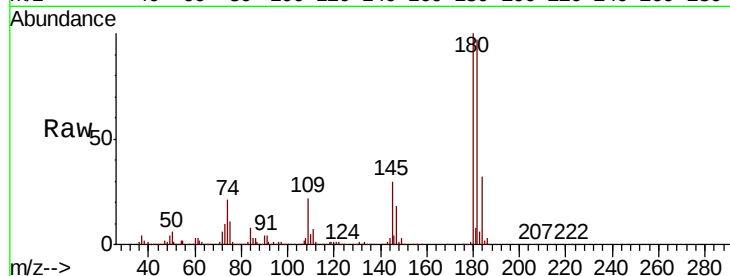




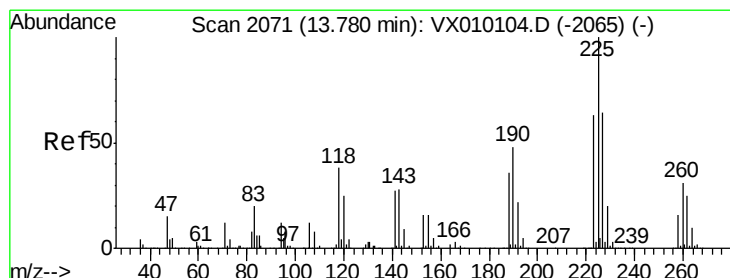
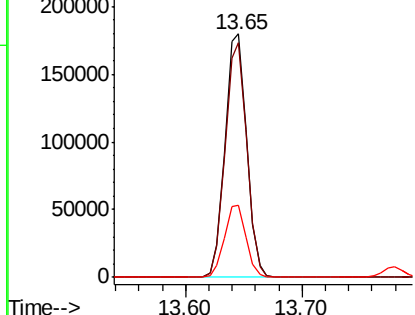
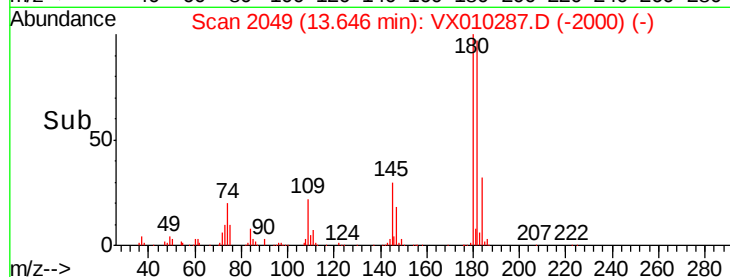
#93
 1,2,4-Trichlorobenzene
 Concen: 45.370 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010287.D
 Acq: 13 Jun 2019 20:53

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.4	142.2
145	29.6	14.5	43.5

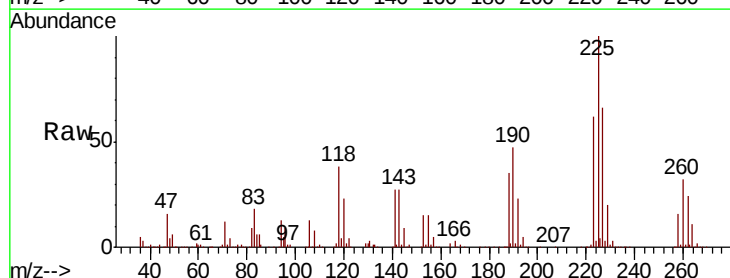


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

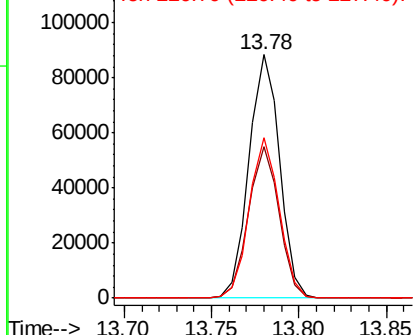
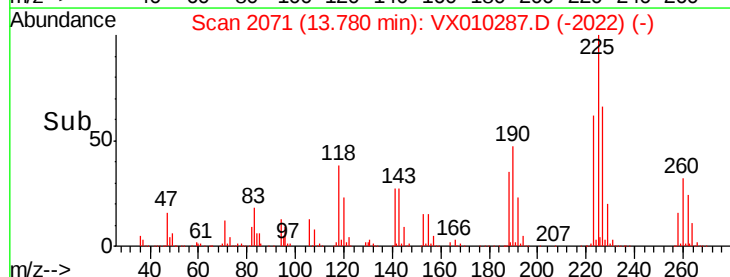


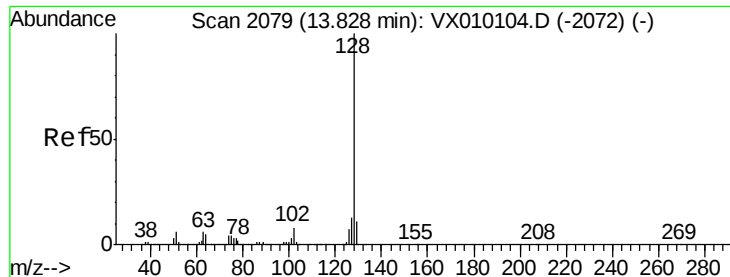
#94
 Hexachlorobutadiene
 Concen: 47.767 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010287.D
 Acq: 13 Jun 2019 20:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.3	93.8
227	64.5	32.3	96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.084 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

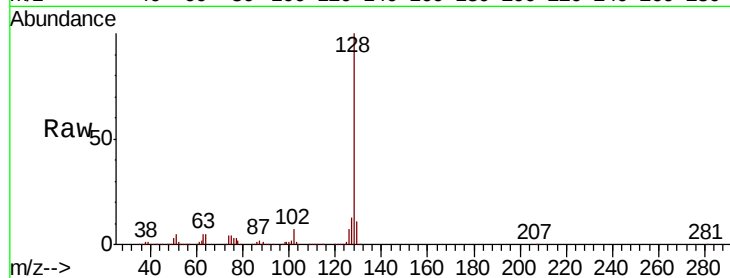
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 754947

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.8	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83

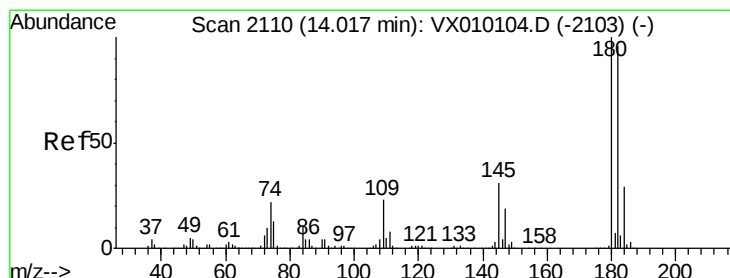
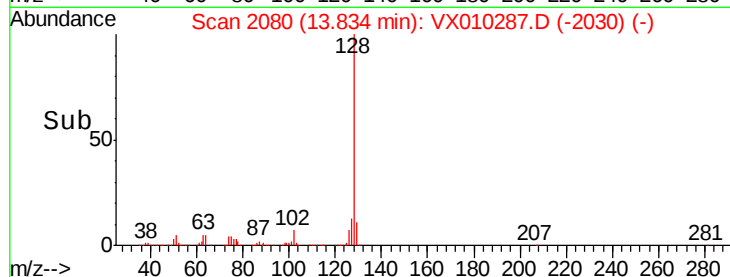
600000

400000

200000

0

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 46.449 ug/l

RT: 14.02 min Scan# 2110

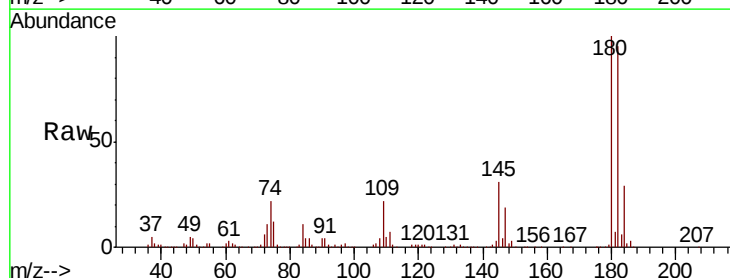
Delta R.T. -0.00 min

Lab File: VX010287.D

Acq: 13 Jun 2019 20:53

Tgt Ion:180 Resp: 233925

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	142.0
145	30.8	15.6	46.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.02

250000

200000

150000

100000

50000

0

Time-->

