

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011817.D
 Acq On : 24 Aug 2019 14:42
 Operator : JC/SP
 Sample : VX0824WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

Quant Time: Aug 26 04:22:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	355133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	510055	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	459700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	250578	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	185390	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
35) Dibromofluoromethane	5.49	113	163684	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
50) Toluene-d8	8.71	98	579758	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.13	95	214960	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	62378	18.820	ug/l	99
3) Chloromethane	1.32	50	57963	19.942	ug/l	95
4) Vinyl Chloride	1.40	62	57412	19.759	ug/l	98
5) Bromomethane	1.64	94	39185	24.480	ug/l	98
6) Chloroethane	1.72	64	35453	20.869	ug/l	100
7) Trichlorofluoromethane	1.93	101	80361	17.371	ug/l	98
8) Diethyl Ether	2.18	74	33109	21.048	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	49354	17.241	ug/l	97
10) Methyl Iodide	2.50	142	63673	18.210	ug/l	97
11) Tert butyl alcohol	3.03	59	71258	101.081	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52906	18.954	ug/l	92
13) Acrolein	2.29	56	28338	103.990	ug/l	97
14) Allyl chloride	2.72	41	78241	17.934	ug/l	98
15) Acrylonitrile	3.14	53	165901	102.888	ug/l	98
16) Acetone	2.43	43	144060	92.829	ug/l	98
17) Carbon Disulfide	2.56	76	120215	17.034	ug/l	99
18) Methyl Acetate	2.76	43	93416	22.184	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	180441	20.153	ug/l	100
20) Methylene Chloride	2.85	84	60121	18.949	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	57584	19.126	ug/l	98
22) Diisopropyl ether	3.85	45	173196	20.472	ug/l	99
23) Vinyl Acetate	3.81	43	677793	96.765	ug/l	98
24) 1,1-Dichloroethane	3.69	63	98049	19.630	ug/l	99
25) 2-Butanone	4.67	43	224244	100.669	ug/l	96
26) 2,2-Dichloropropane	4.57	77	38156	8.995	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	66166	19.164	ug/l	91
28) Bromochloromethane	5.01	49	48690	21.474	ug/l	95
29) Tetrahydrofuran	5.12	42	146757	102.778	ug/l	98
30) Chloroform	5.20	83	105437	19.456	ug/l	100
31) Cyclohexane	5.57	56	78921	17.991	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	89867	19.077	ug/l	100
36) 1,1-Dichloropropene	5.79	75	69683	17.422	ug/l	97
37) Ethyl Acetate	4.82	43	81780	19.321	ug/l	99
38) Carbon Tetrachloride	5.77	117	76081	16.784	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79328	16.005	ug/l	97
40) Benzene	6.14	78	226833	18.333	ug/l	98
41) Methacrylonitrile	5.04	41	46422	18.858	ug/l	99
42) 1,2-Dichloroethane	6.19	62	83234	18.402	ug/l	95
43) Isopropyl Acetate	6.44	43	126514	18.467	ug/l	97
44) Trichloroethene	7.21	130	68748	18.025	ug/l	97
45) 1,2-Dichloropropane	7.51	63	56947	18.311	ug/l	99
46) Dibromomethane	7.66	93	41182	17.961	ug/l	95
47) Bromodichloromethane	7.89	83	74328	18.008	ug/l	98
48) Methyl methacrylate	7.76	41	64983	19.060	ug/l	98
49) 1,4-Dioxane	7.74	88	34006	359.989	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	437468	96.911	ug/l	99
52) Toluene	8.78	92	144631	18.063	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	68510	15.811	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	79574	16.834	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	64166	19.235	ug/l	98
56) Ethyl methacrylate	9.18	69	91193	19.222	ug/l	99
57) 1,3-Dichloropropane	9.37	76	97485	18.098	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	248136	99.430	ug/l	100
59) 2-Hexanone	9.49	43	335765	96.909	ug/l	100
60) Dibromochloromethane	9.58	129	65300	18.105	ug/l	98
61) 1,2-Dibromoethane	9.67	107	68722	19.200	ug/l	99
64) Tetrachloroethene	9.34	164	71108	19.389	ug/l	98
65) Chlorobenzene	10.13	112	164164	18.291	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	61571	18.310	ug/l	98
67) Ethyl Benzene	10.25	91	269239	17.951	ug/l	97
68) m/p-Xylenes	10.35	106	211598	36.589	ug/l	99
69) o-Xylene	10.69	106	104775	18.453	ug/l	97
70) Styrene	10.71	104	173746	18.292	ug/l	99
71) Bromoform	10.85	173	52062	17.947	ug/l #	99
73) Isopropylbenzene	11.02	105	269833	17.869	ug/l	100
74) N-amyl acetate	10.90	43	108111	18.492	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	92625	18.531	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	80284m	18.259	ug/l	
77) Bromobenzene	11.25	156	84036	18.877	ug/l	96
78) n-propylbenzene	11.35	91	290991	18.021	ug/l	100
79) 2-Chlorotoluene	11.42	91	180861	18.004	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	231197	18.350	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18710	12.833	ug/l	89
82) 4-Chlorotoluene	11.51	91	206968	17.874	ug/l	97
83) tert-Butylbenzene	11.77	119	229833	18.489	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	232348	18.262	ug/l	100
85) sec-Butylbenzene	11.94	105	261251	18.373	ug/l	98
86) p-Isopropyltoluene	12.06	119	244239	17.852	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	141337	18.436	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	143861	18.548	ug/l	98
89) n-Butylbenzene	12.38	91	187561	16.561	ug/l	99
90) Hexachloroethane	12.59	117	37092	17.451	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	144477	18.685	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20932	18.016	ug/l	99

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

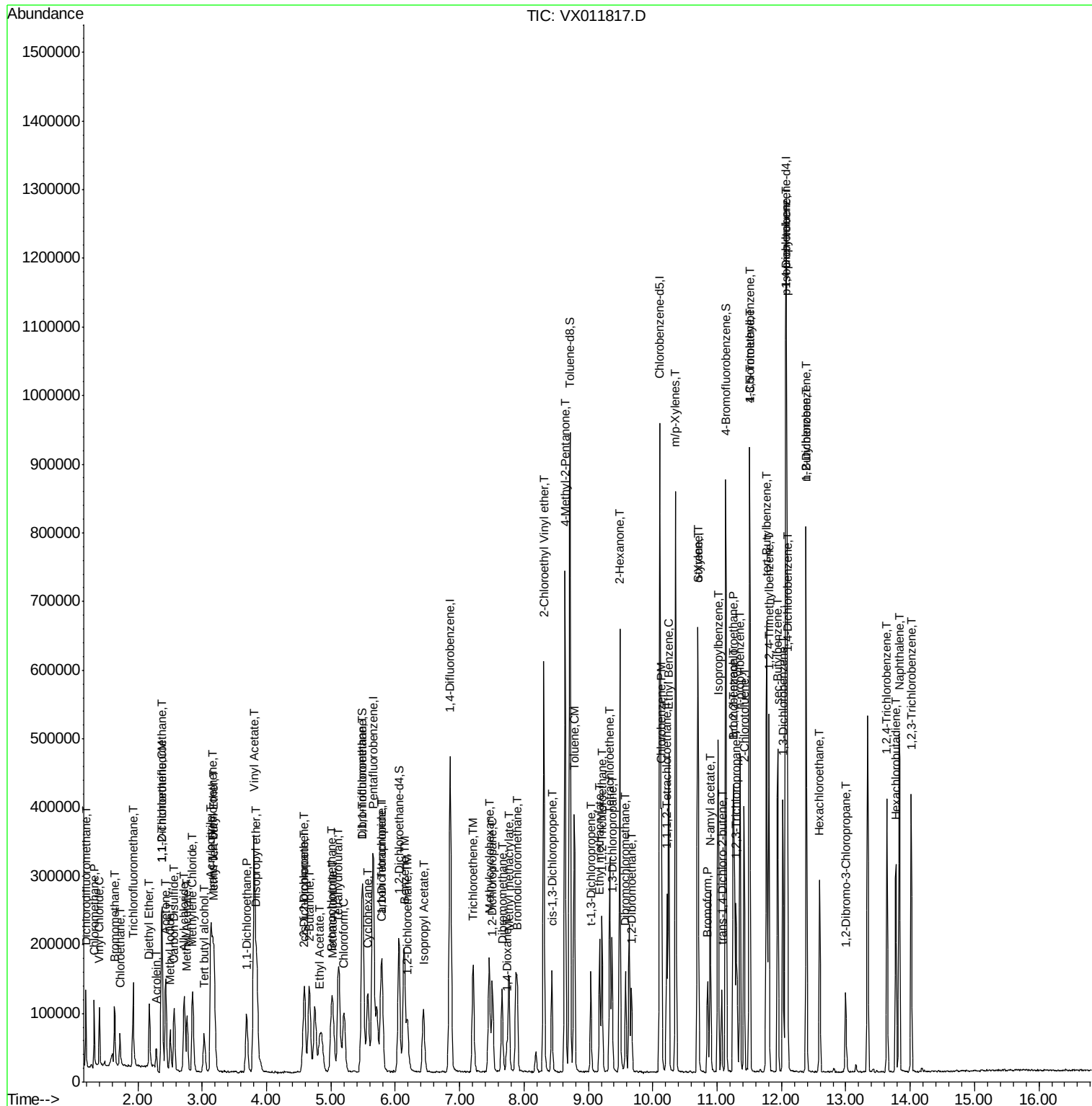
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	107553	18.910	ug/l	99
94) Hexachlorobutadiene	13.78	225	52305	16.783	ug/l	98
95) Naphthalene	13.83	128	324080	20.688	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111890	19.592	ug/l	99

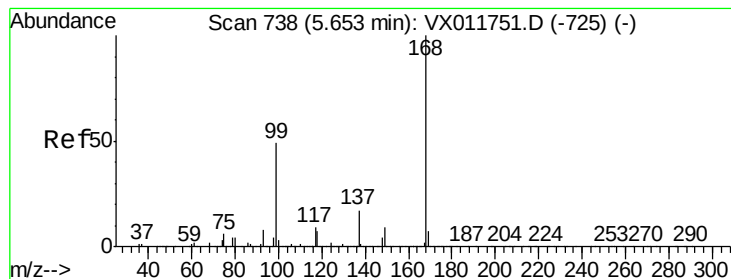
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082419\
Data File : VX011817.D
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

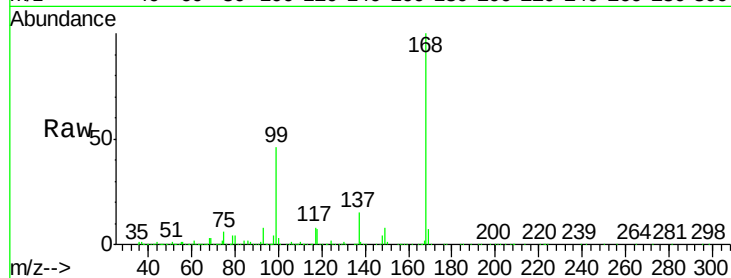
VX0824WBSD01

Tot Ion:168 Resp: 355133

Ion Ratio Lower Upper

168 100

99 45.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

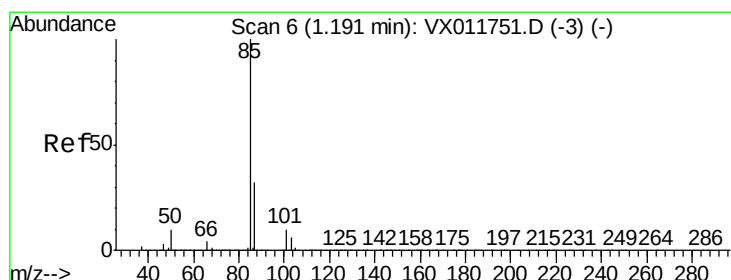
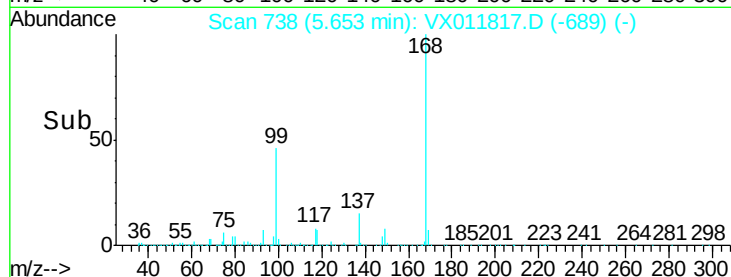
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.820 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011817.D

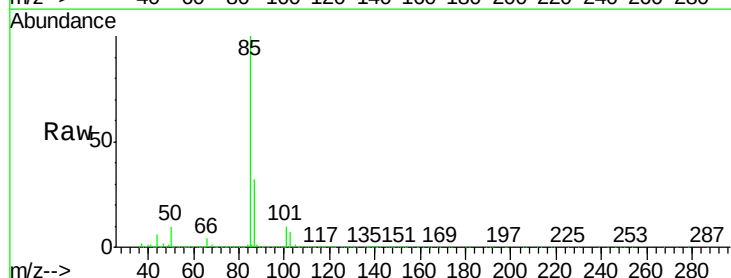
Acq: 24 Aug 2019 14:42

Tgt Ion: 85 Resp: 62378

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

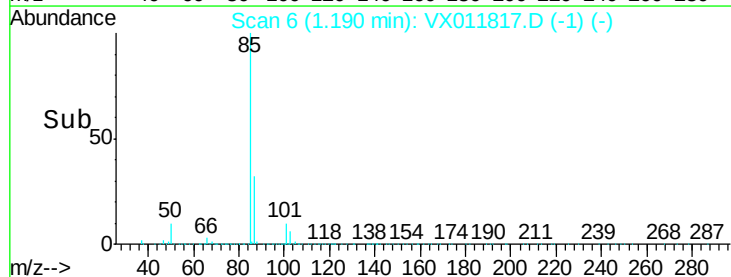
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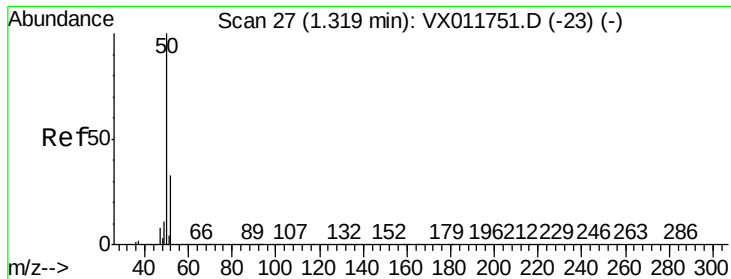
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Time-->

1.15 1.20 1.25 1.30

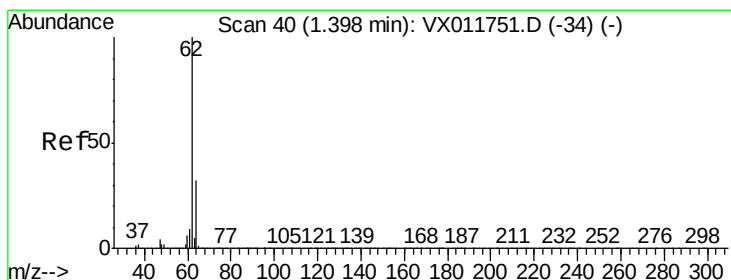
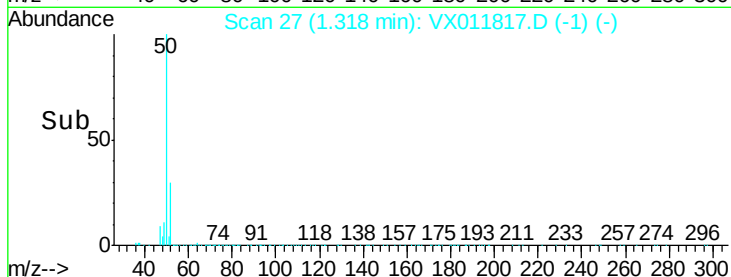
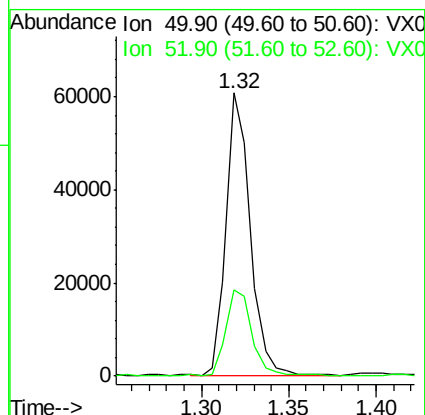
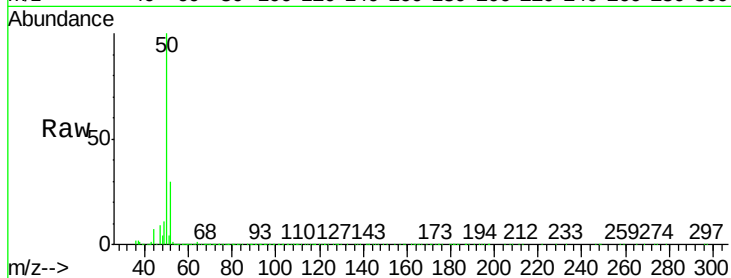




#3
Chloromethane
Concen: 19.942 ug/l
RT: 1.32 min Scan# 27
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

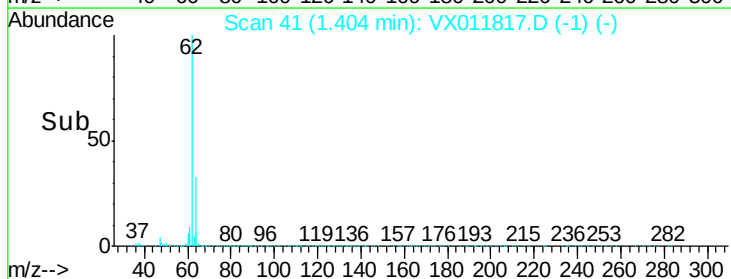
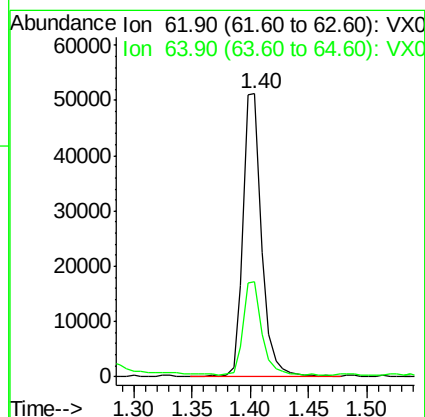
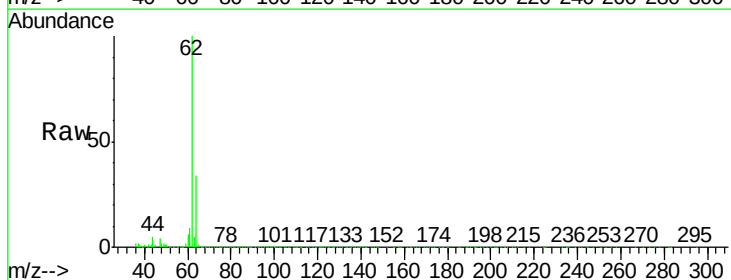
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

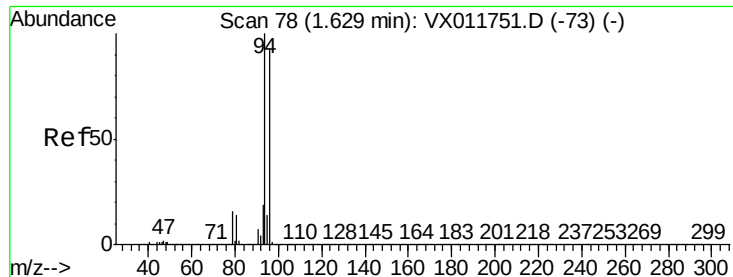
Tot Ion: 50 Resp: 57963
Ion Ratio Lower Upper
50 100
52 30.3 26.6 39.8



#4
Vinyl Chloride
Concen: 19.759 ug/l
RT: 1.40 min Scan# 41
Delta R.T. 0.01 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Tgt Ion: 62 Resp: 57412
Ion Ratio Lower Upper
62 100
64 32.8 25.5 38.3





#5

Bromomethane

Concen: 24.480 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

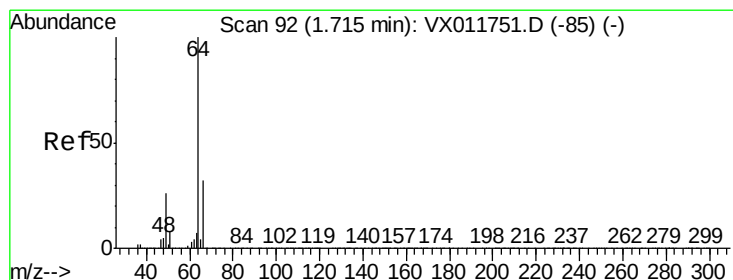
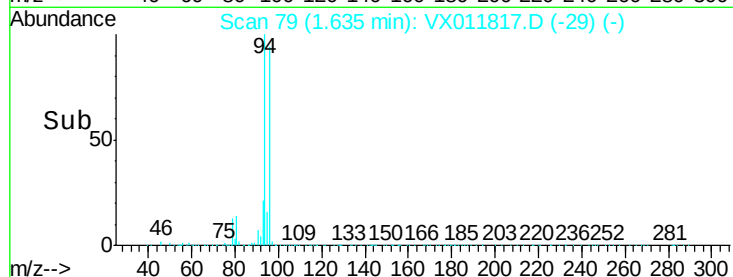
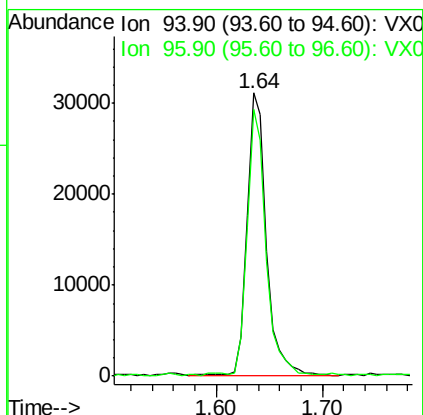
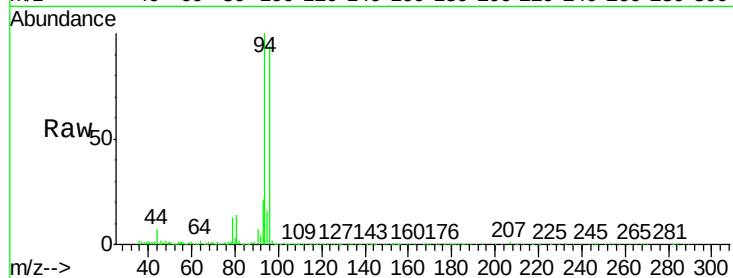
VX0824WBSD01

Tot Ion: 94 Resp: 39185

Ion Ratio Lower Upper

94 100

96 94.3 74.1 111.1



#6

Chloroethane

Concen: 20.869 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011817.D

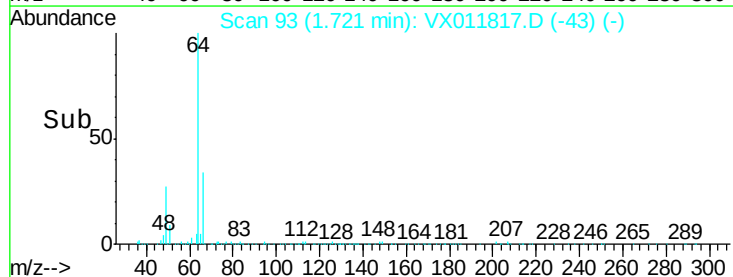
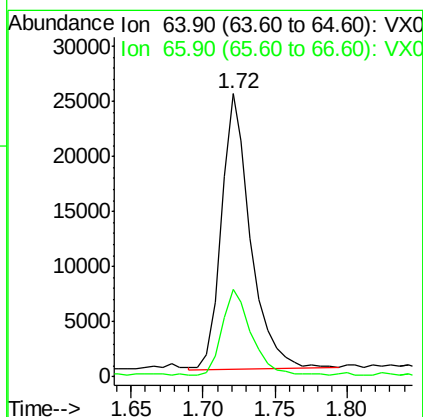
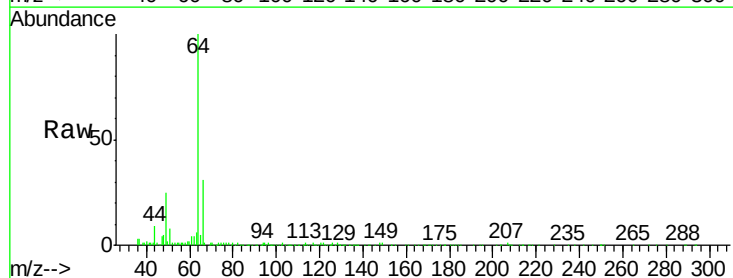
Acq: 24 Aug 2019 14:42

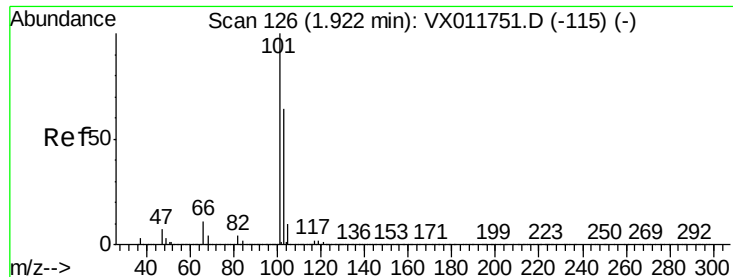
Tgt Ion: 64 Resp: 35453

Ion Ratio Lower Upper

64 100

66 31.1 24.9 37.3



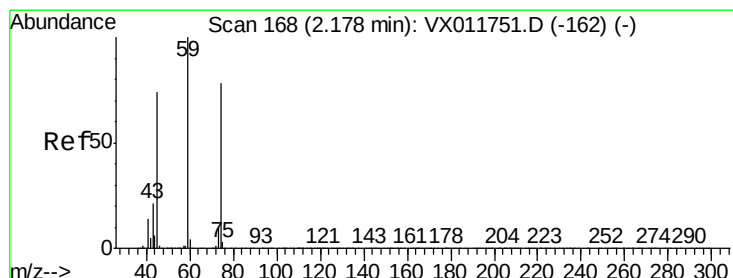
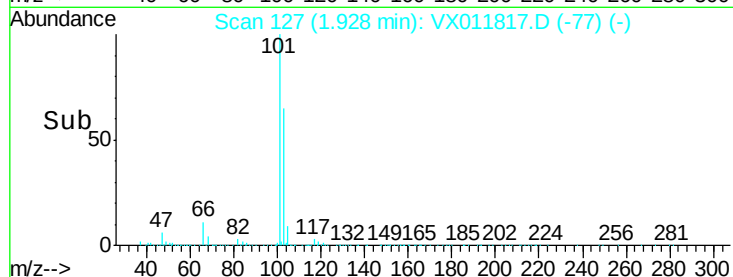
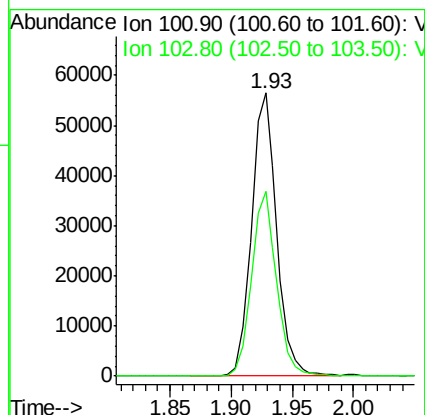
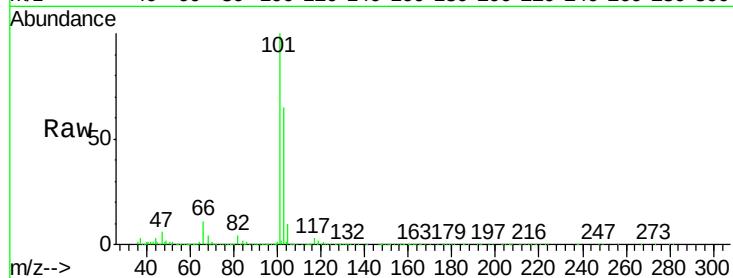


#7

Trichlorofluoromethane
 Concen: 17.371 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

Instrument :
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 ClientSampleId :
 VX0824WBSD01

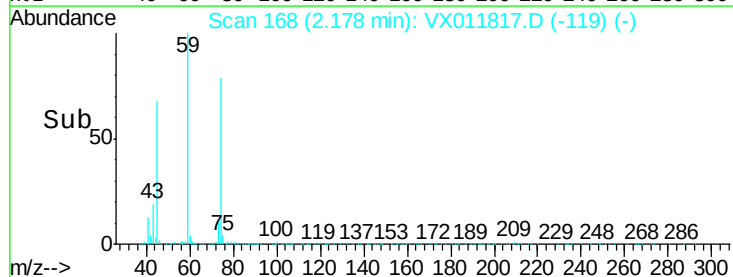
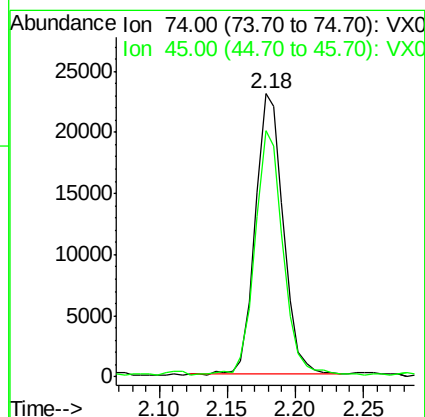
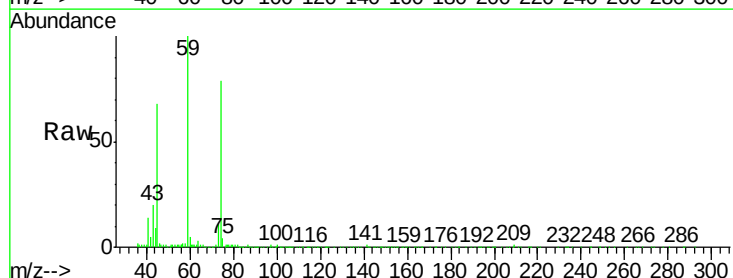
Tot Ion:101 Resp: 80361
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.2 76.8

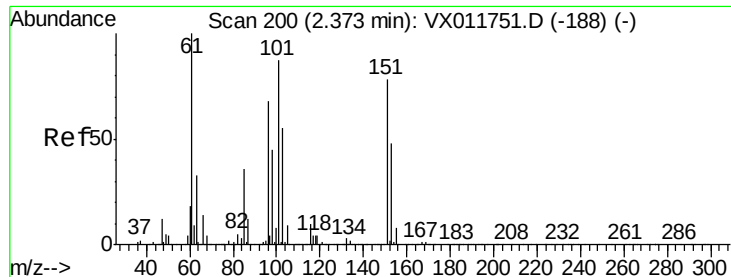


#8

Diethyl Ether
 Concen: 21.048 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

Tgt Ion: 74 Resp: 33109
 Ion Ratio Lower Upper
 74 100
 45 87.3 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.241 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampled :

VX0824WBSD01

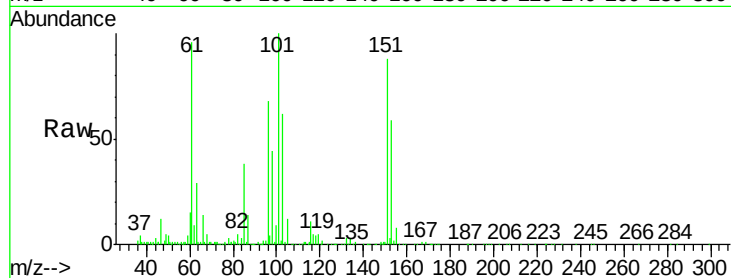
Tot Ion:101 Resp: 49354

Ion Ratio Lower Upper

101 100

85 41.0 33.7 50.5

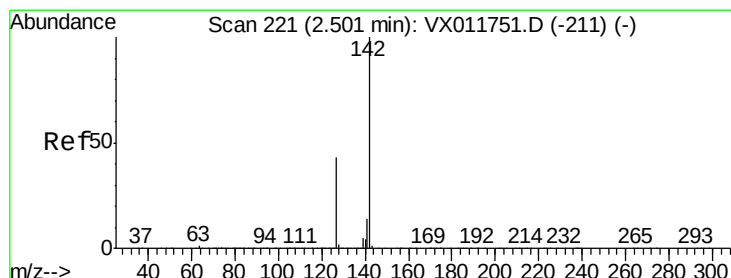
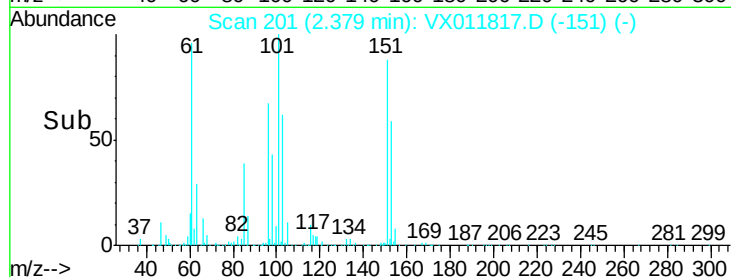
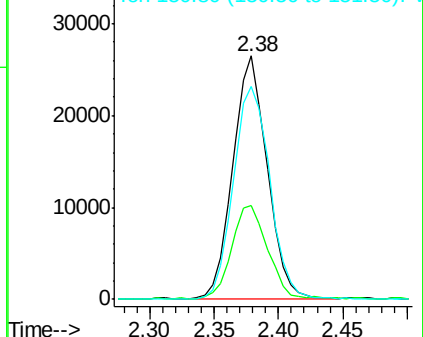
151 92.5 71.4 107.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.210 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

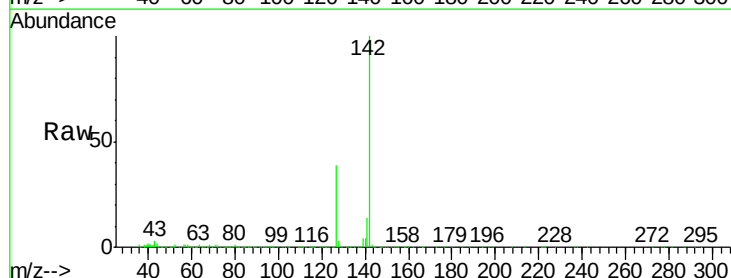
Tgt Ion:142 Resp: 63673

Ion Ratio Lower Upper

142 100

127 39.7 33.5 50.3

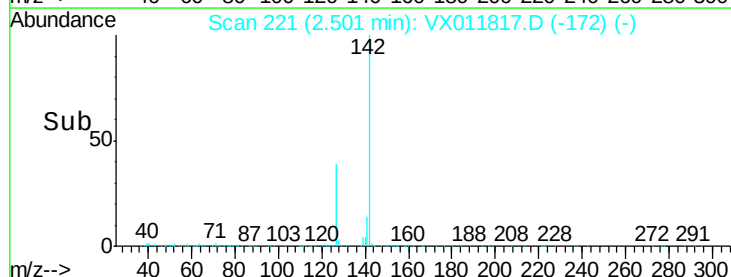
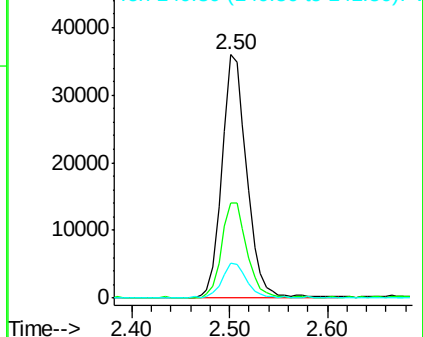
141 14.6 11.4 17.2

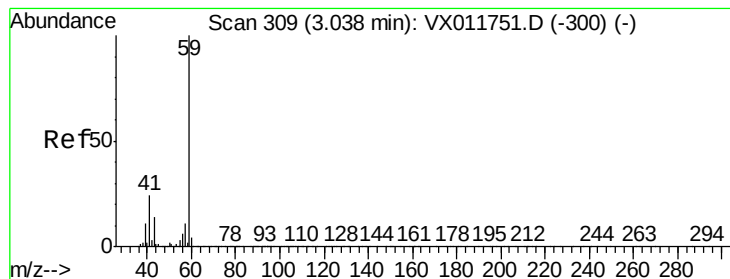


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



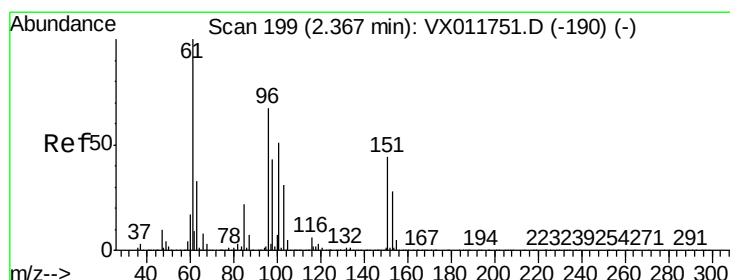
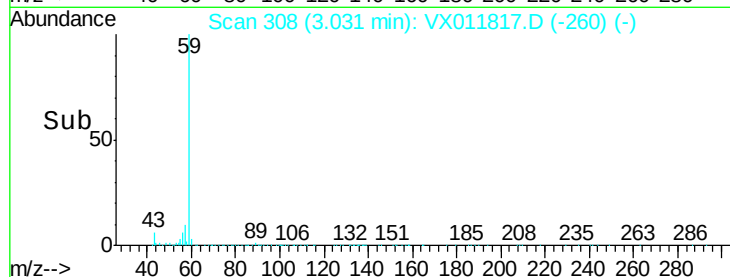
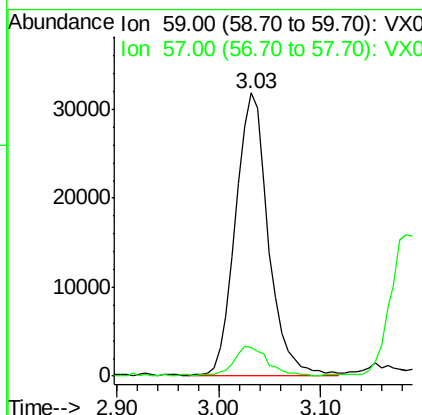
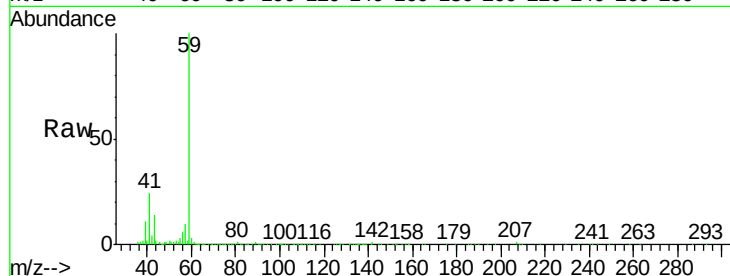


#11

Tert butyl alcohol
 Concen: 101.081 ug/l
 RT: 3.03 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

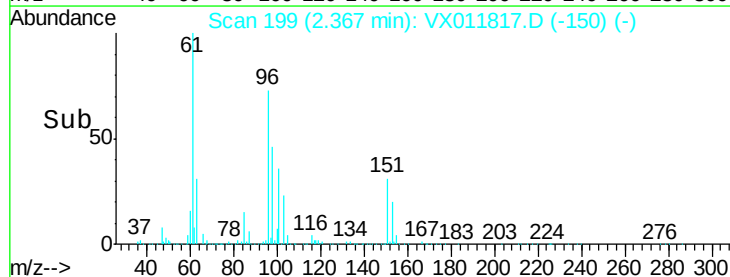
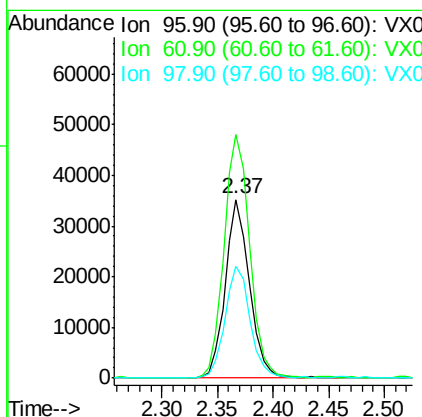
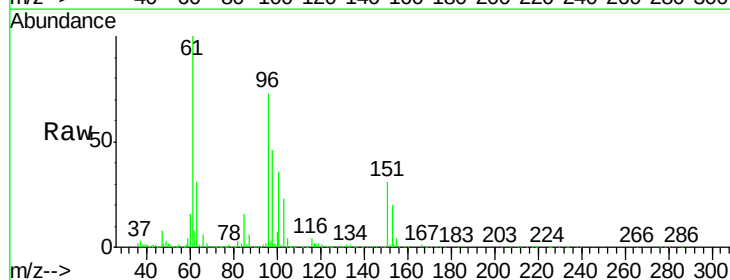
Tot Ion: 59 Resp: 71258
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

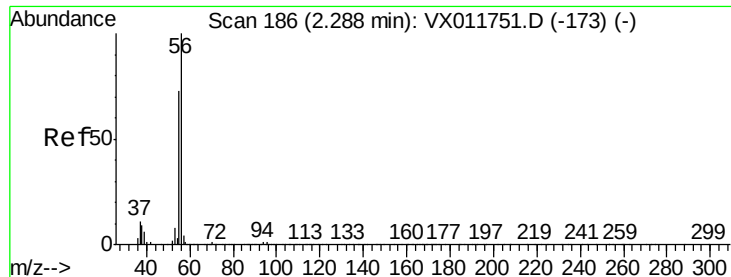


#12

1,1-Dichloroethene
 Concen: 18.954 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

Tgt Ion: 96 Resp: 52906
 Ion Ratio Lower Upper
 96 100
 61 136.1 119.4 179.2
 98 61.9 51.2 76.8





#13

Acrolein

Concen: 103.990 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

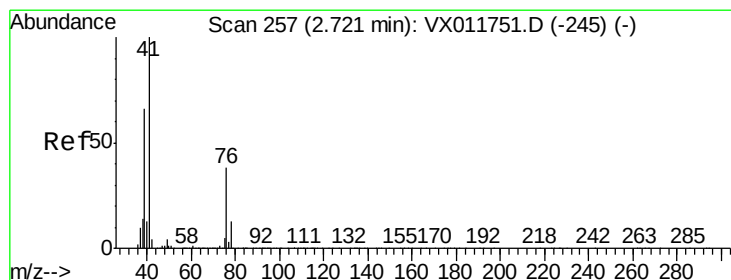
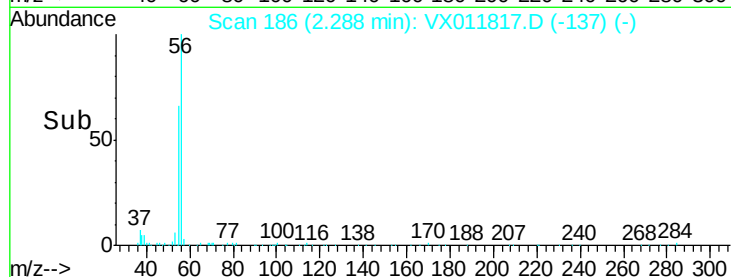
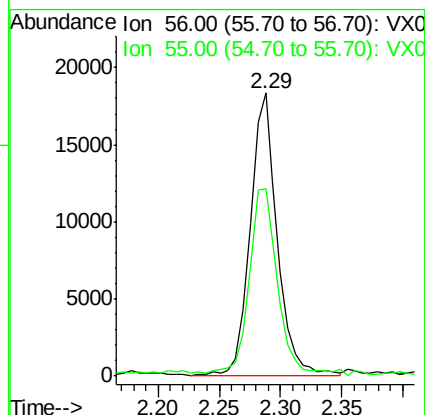
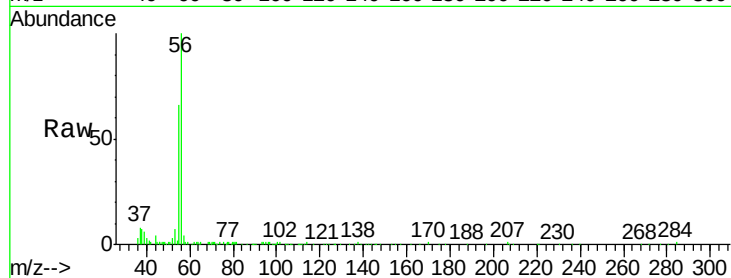
VX0824WBSD01

Tot Ion: 56 Resp: 28338

Ion Ratio Lower Upper

56 100

55 71.3 54.8 82.2



#14

Allyl chloride

Concen: 17.934 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

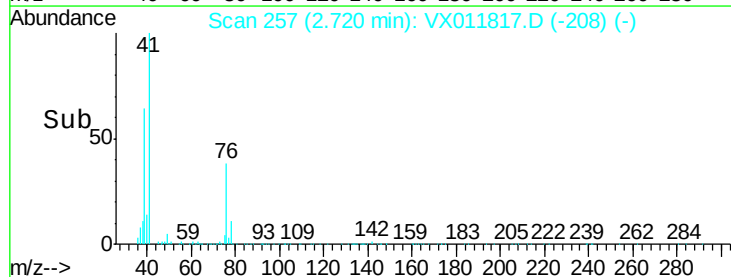
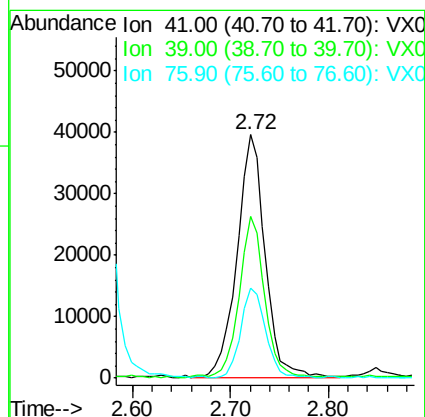
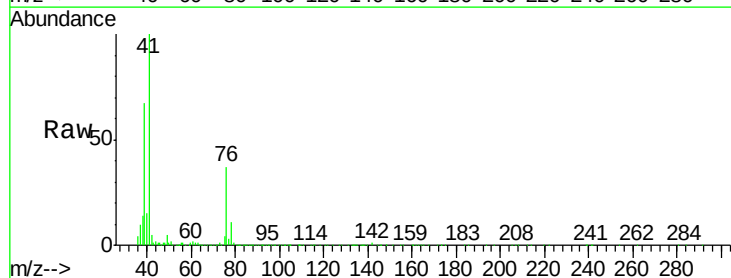
Tgt Ion: 41 Resp: 78241

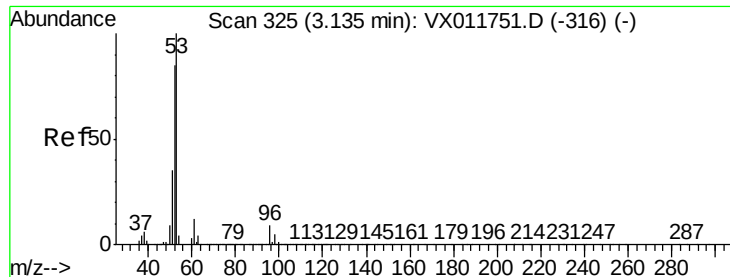
Ion Ratio Lower Upper

41 100

39 60.6 49.3 73.9

76 32.3 26.8 40.2

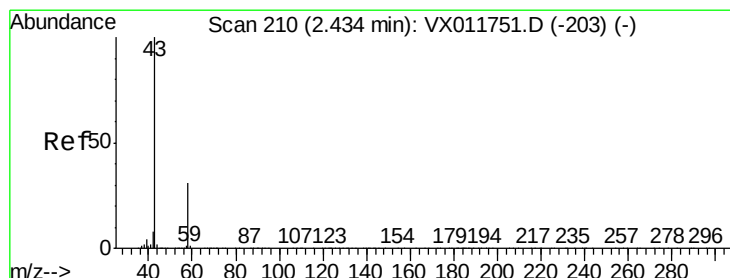
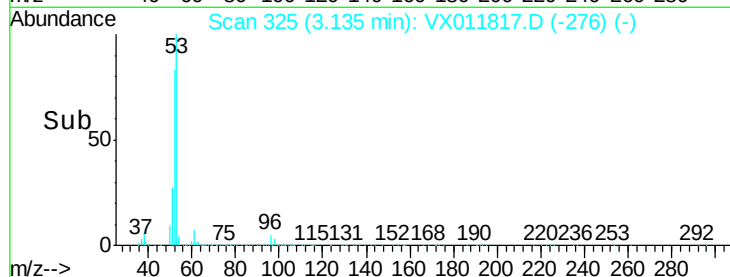
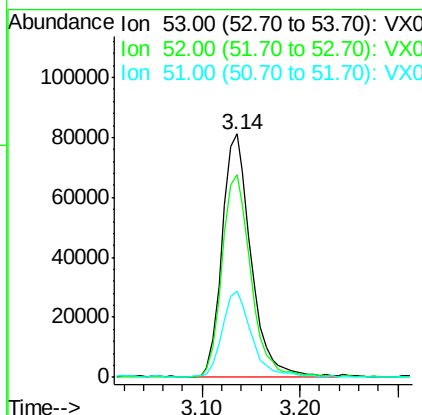
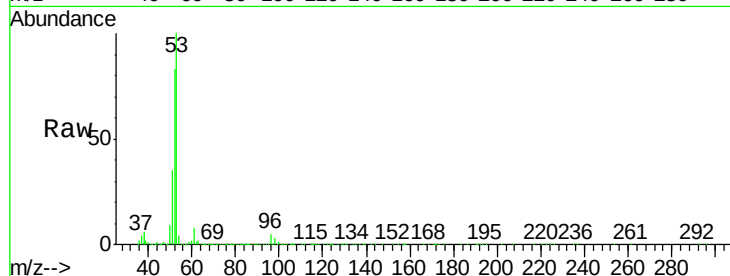




#15
 Acrylonitrile
 Concen: 102.888 ug/l
 RT: 3.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

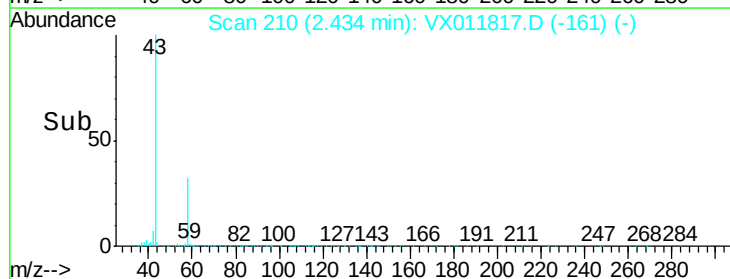
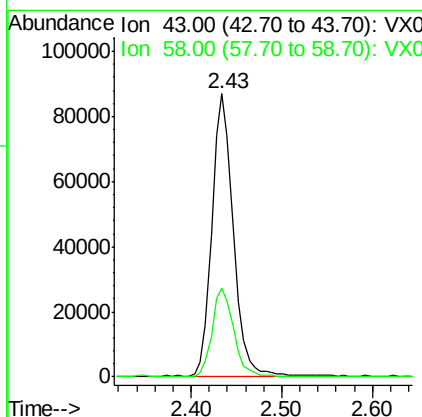
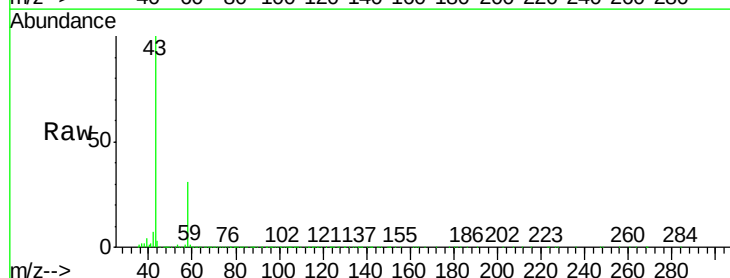
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0824WBSD01

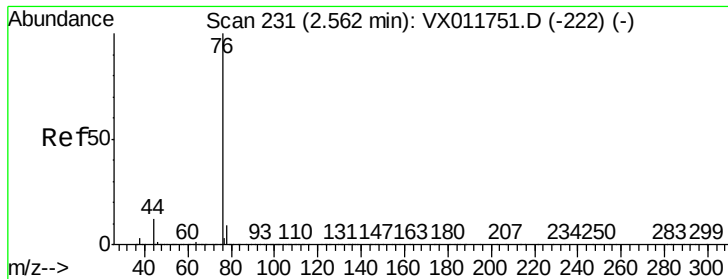
Tot Ion	53	Resp	165901
Ion Ratio	Lower	Upper	
53	100		
52	84.2	65.7	98.5
51	35.6	28.6	43.0



#16
 Acetone
 Concen: 92.829 ug/l
 RT: 2.43 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

Tgt Ion	43	Resp	144060
Ion Ratio	Lower	Upper	
43	100		
58	31.4	24.4	36.6





#17

Carbon Disulfide

Concen: 17.034 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

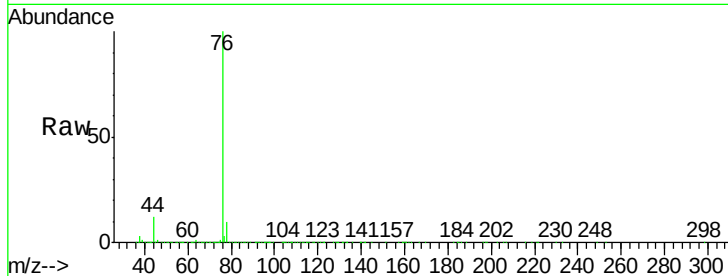
VX0824WBSD01

Tot Ion: 76 Resp: 120215

Ion Ratio Lower Upper

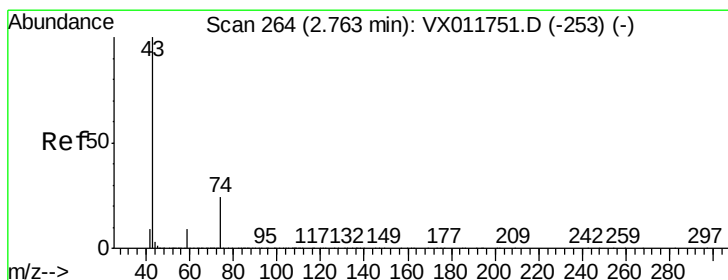
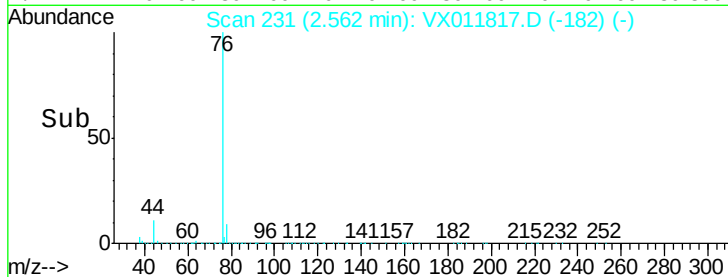
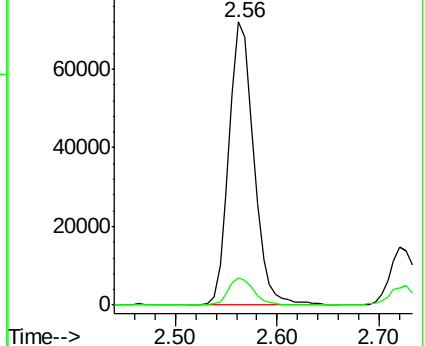
76 100

78 9.6 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.184 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011817.D

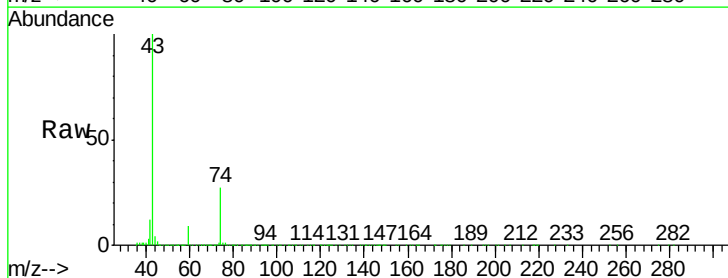
Acq: 24 Aug 2019 14:42

Tgt Ion: 43 Resp: 93416

Ion Ratio Lower Upper

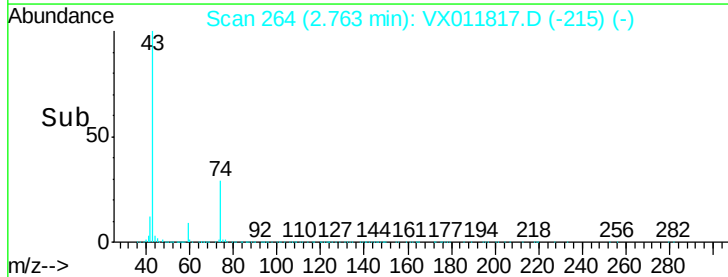
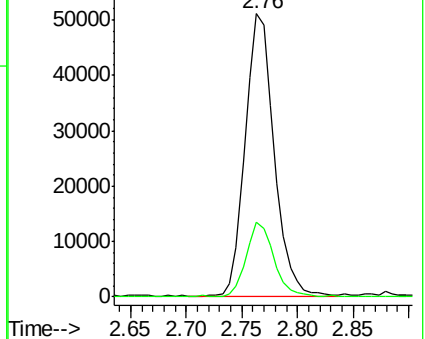
43 100

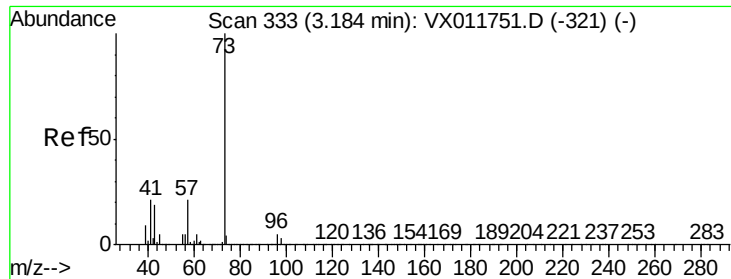
74 25.3 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

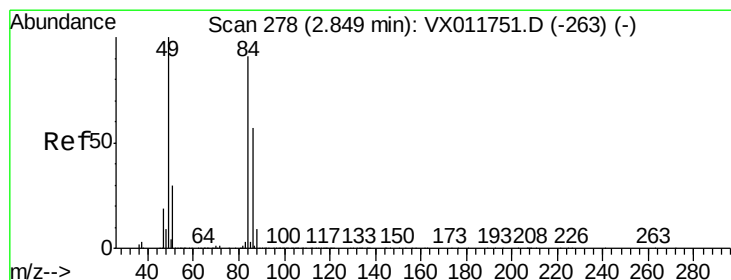
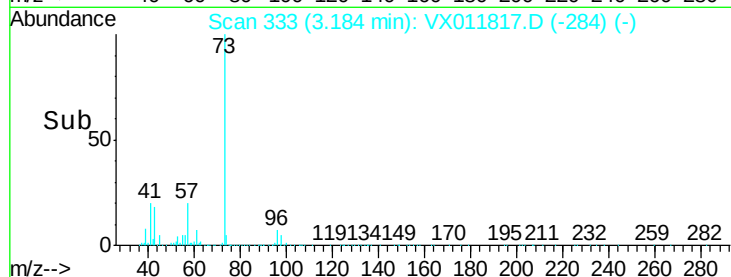
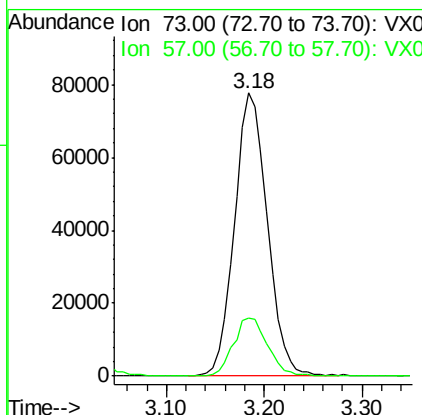
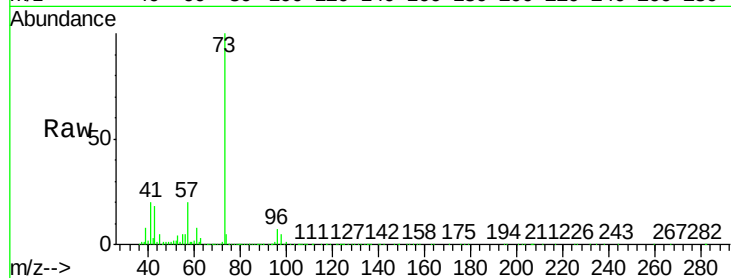




#19
Methyl tert-butyl Ether
Concen: 20.153 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

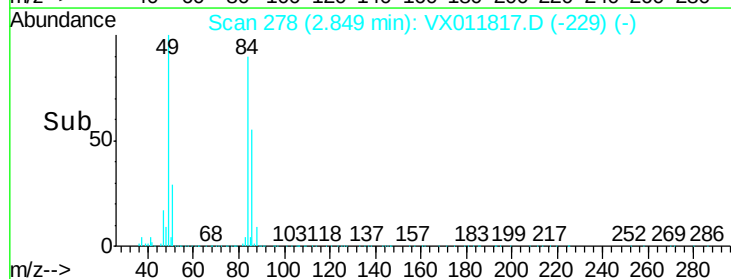
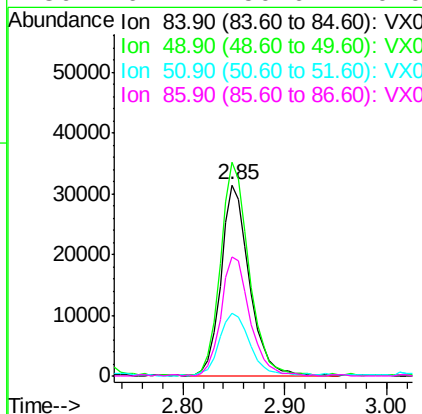
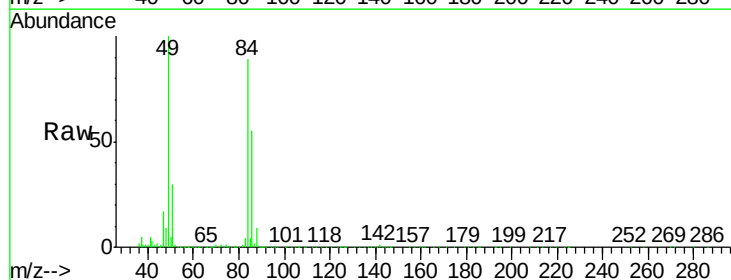
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

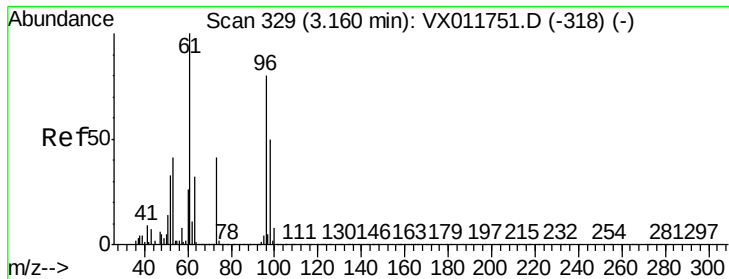
Tot Ion: 73 Resp: 180441
Ion Ratio Lower Upper
73 100
57 20.3 16.4 24.6



#20
Methylene Chloride
Concen: 18.949 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Tgt Ion: 84 Resp: 60121
Ion Ratio Lower Upper
84 100
49 111.5 88.3 132.5
51 32.8 26.2 39.2
86 61.7 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 19.126 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

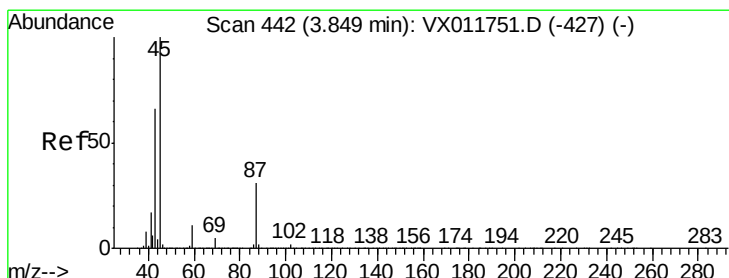
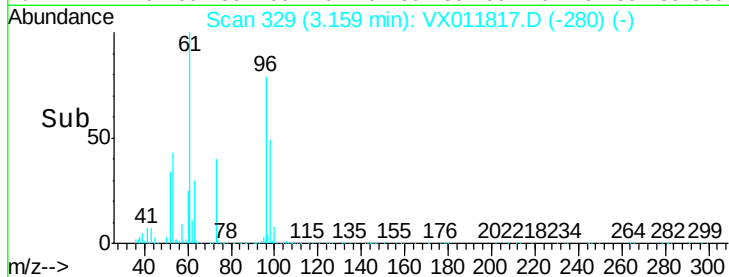
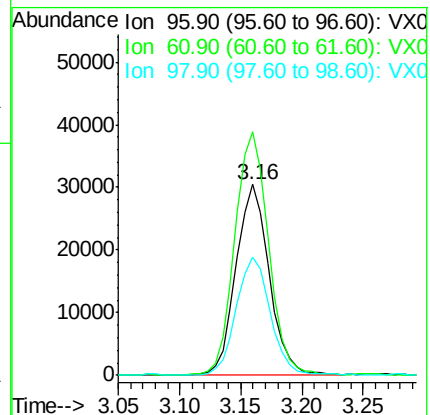
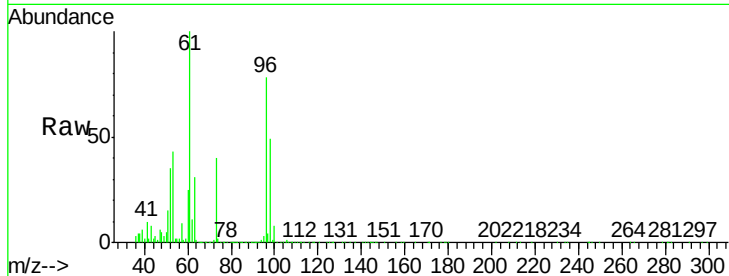
Tot Ion: 96 Resp: 57584

Ion Ratio Lower Upper

96 100

61 127.3 99.8 149.8

98 61.9 50.3 75.5



#22

Diisopropyl ether

Concen: 20.472 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Tgt Ion: 45 Resp: 173196

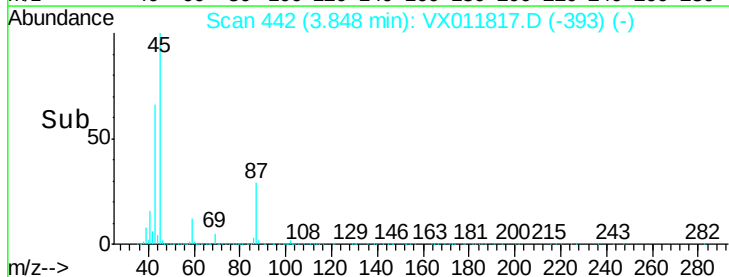
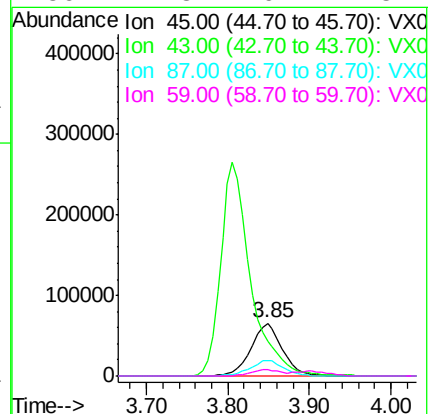
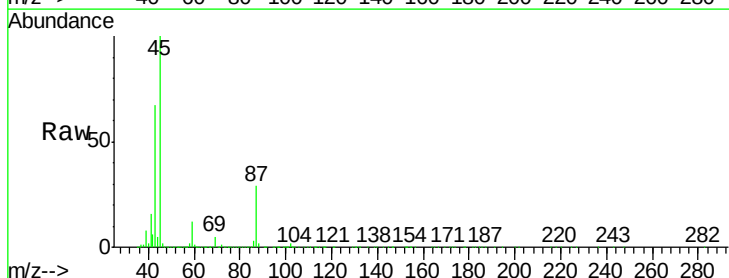
Ion Ratio Lower Upper

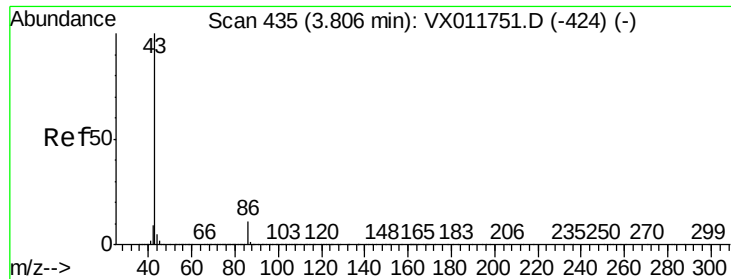
45 100

43 66.0 53.0 79.6

87 28.9 24.7 37.1

59 11.8 9.1 13.7





#23

Vinyl Acetate

Concen: 96.765 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

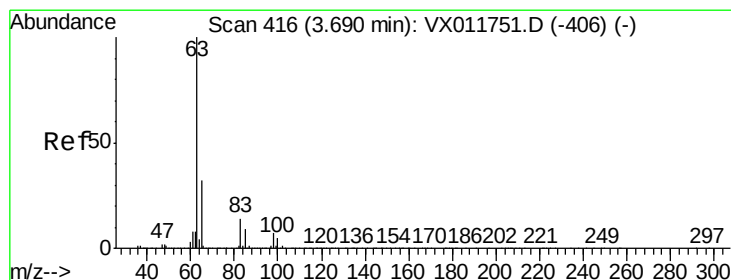
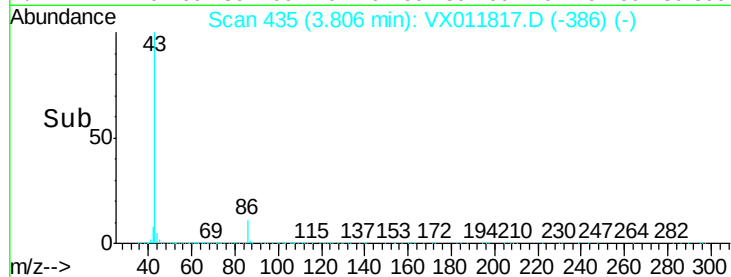
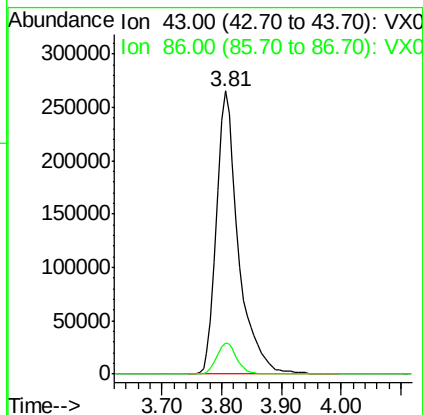
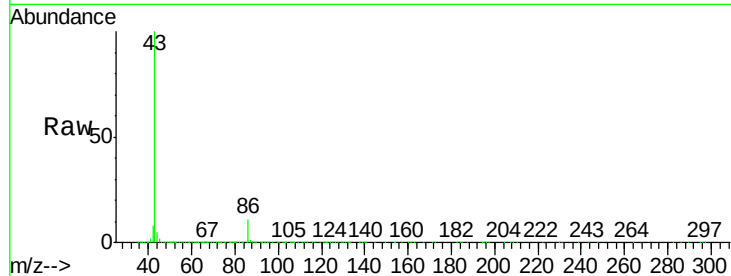
VX0824WBSD01

Tot Ion: 43 Resp: 677793

Ion Ratio Lower Upper

43 100

86 10.8 9.2 13.8



#24

1,1-Dichloroethane

Concen: 19.630 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

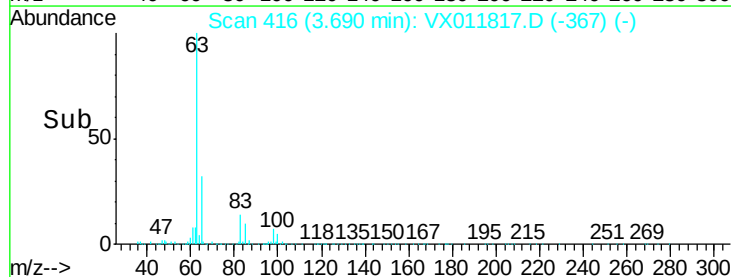
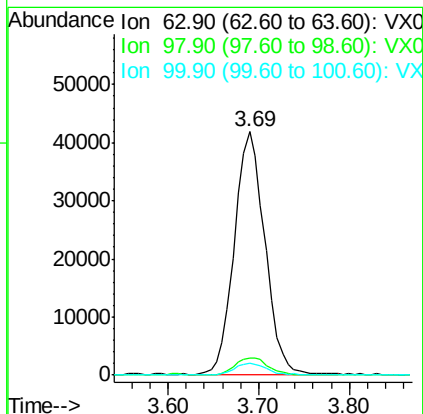
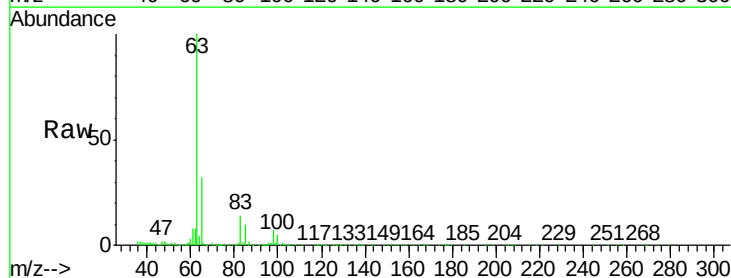
Tgt Ion: 63 Resp: 98049

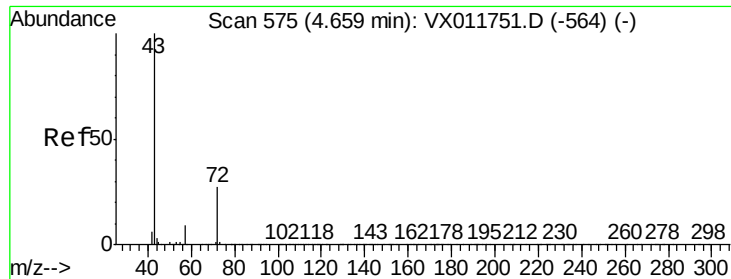
Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 100.669 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.01 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

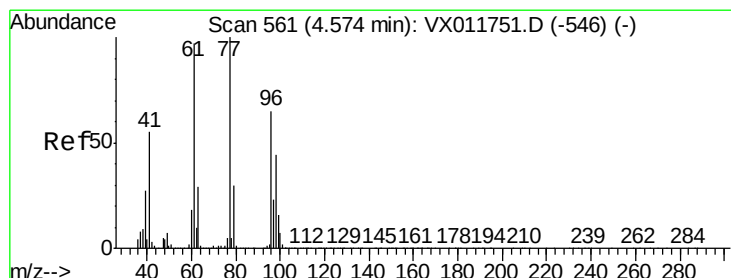
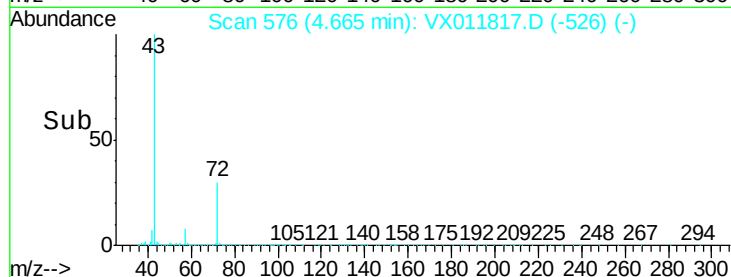
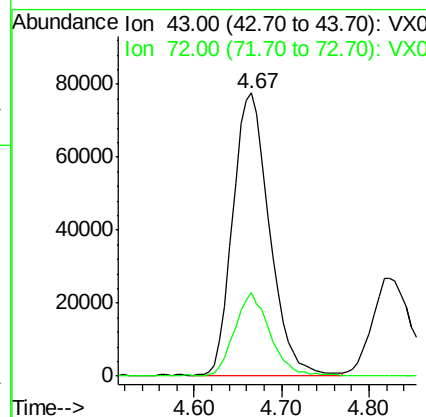
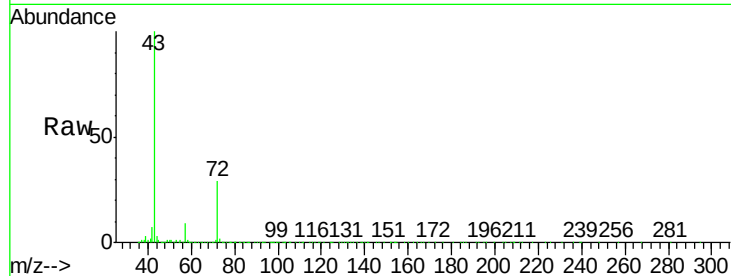
VX0824WBSD01

Tot Ion: 43 Resp: 224244

Ion Ratio Lower Upper

43 100

72 29.3 21.8 32.6



#26

2,2-Dichloropropane

Concen: 8.995 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011817.D

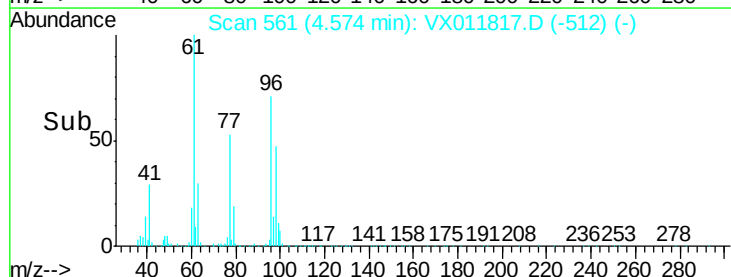
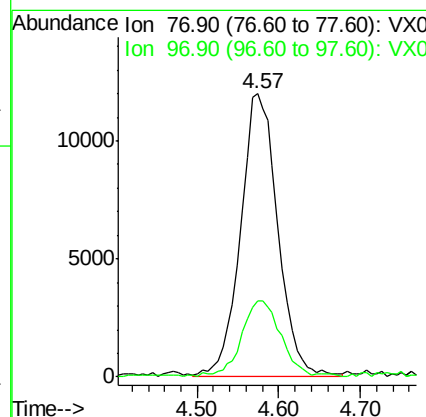
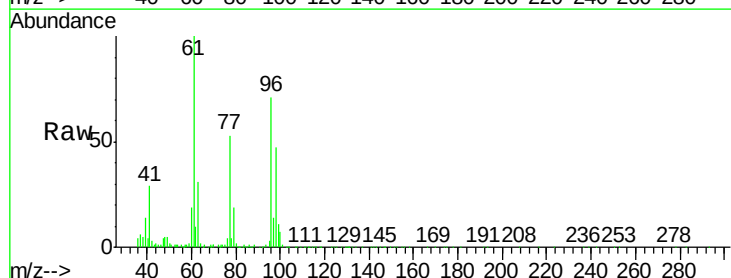
Acq: 24 Aug 2019 14:42

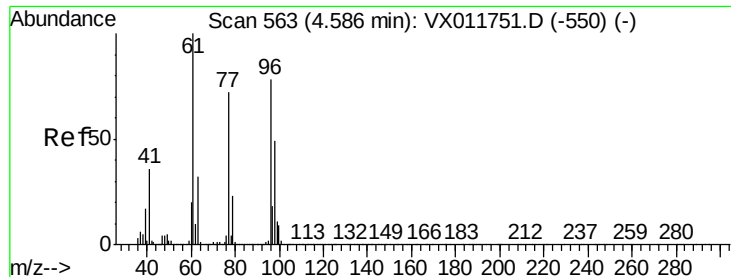
Tgt Ion: 77 Resp: 38156

Ion Ratio Lower Upper

77 100

97 28.3 12.2 36.6



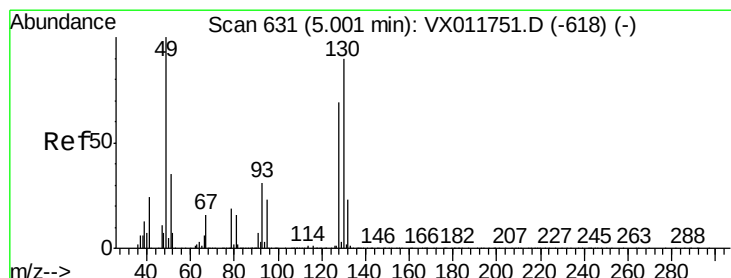
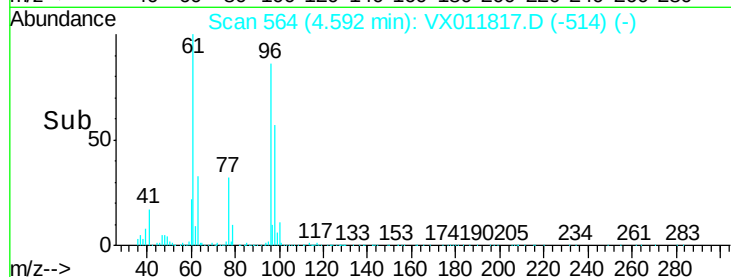
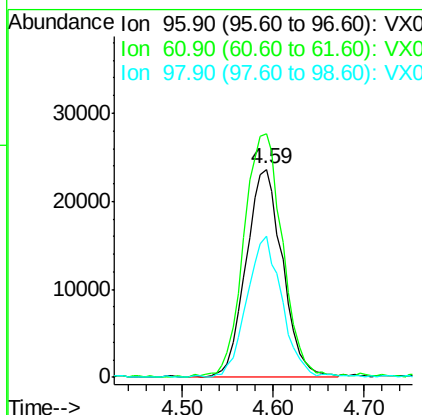
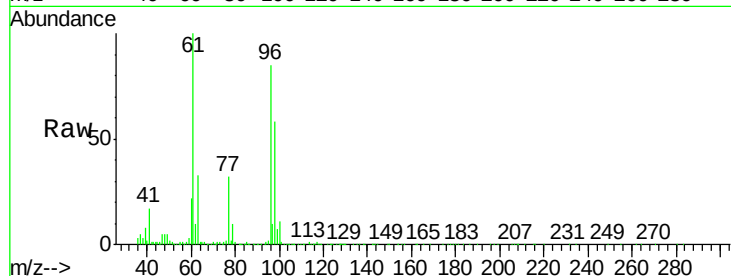


#27

cis-1,2-Dichloroethene
Concen: 19.164 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Instrument :
MSVOA_X
ClientSampled :
VX0824WBSD01

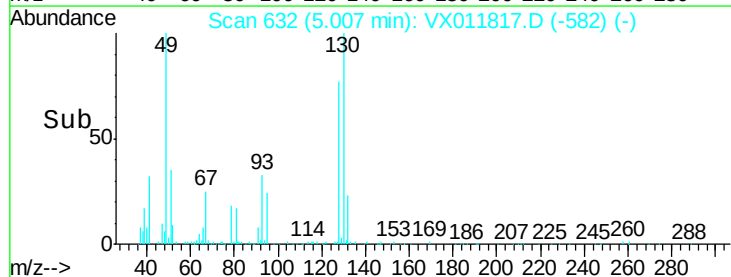
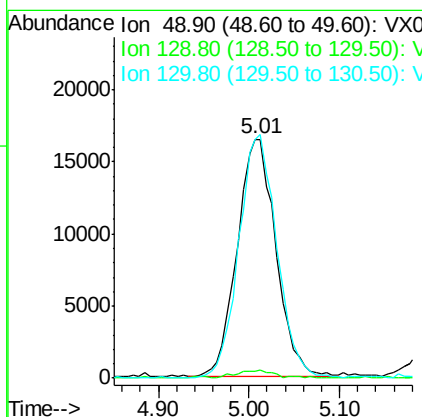
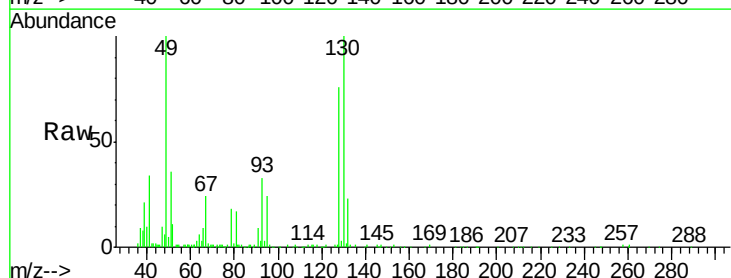
Tot Ion: 96 Resp: 66166
Ion Ratio Lower Upper
96 100
61 122.4 0.0 275.8
98 64.9 0.0 128.2

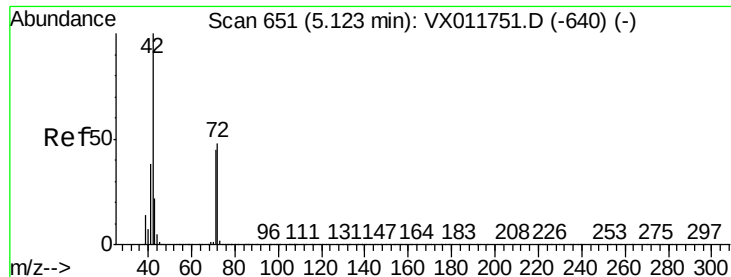


#28

Bromochloromethane
Concen: 21.474 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Tgt Ion: 49 Resp: 48690
Ion Ratio Lower Upper
49 100
129 3.0 0.0 5.8
130 101.1 76.8 115.2

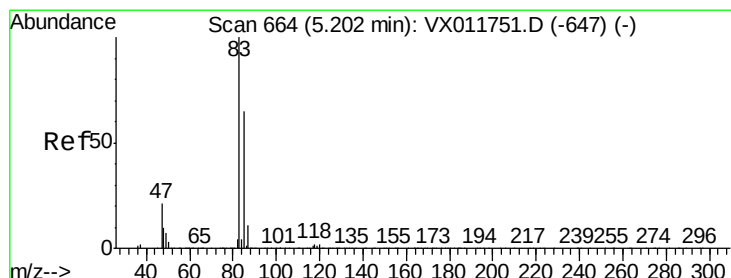
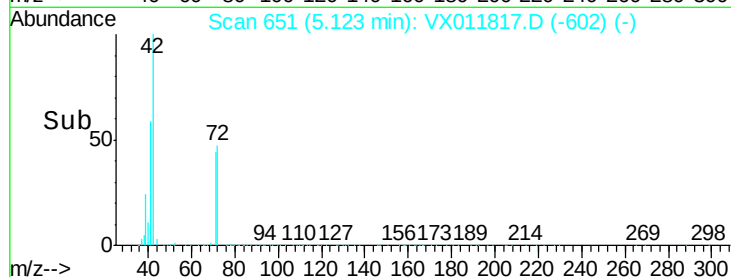
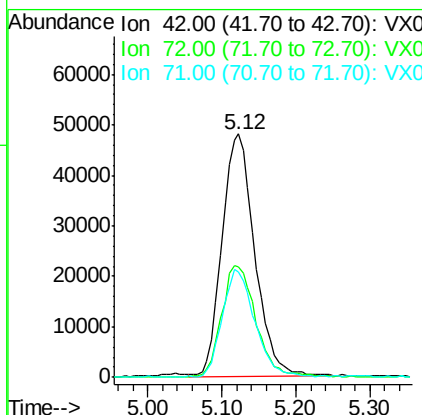
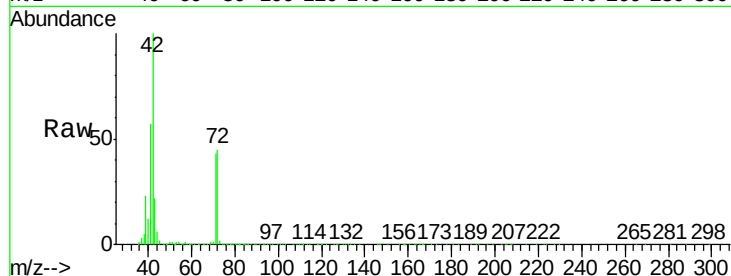




#29
Tetrahydrofuran
Concen: 102.778 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

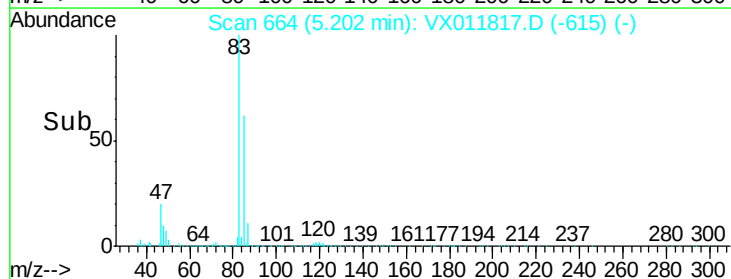
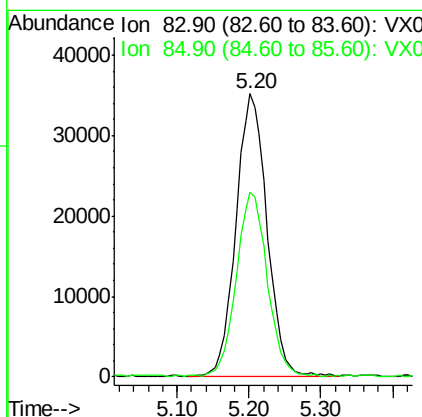
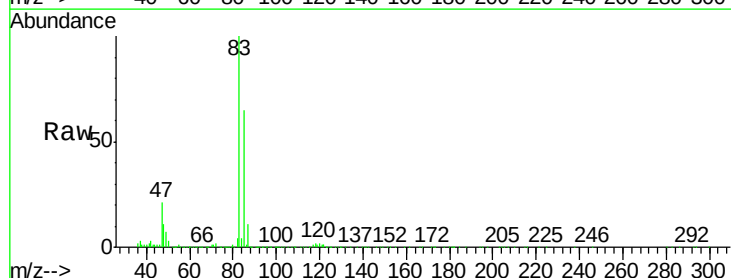
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

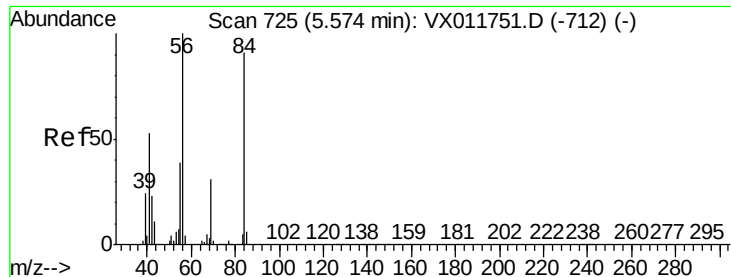
Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.6	56.4
71	44.8	34.6	51.8



#30
Chloroform
Concen: 19.456 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8





#31

Cyclohexane

Concen: 17.991 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

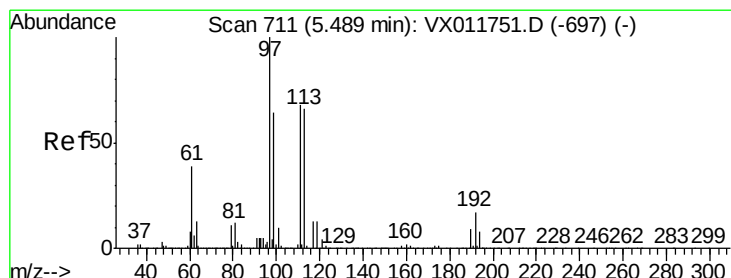
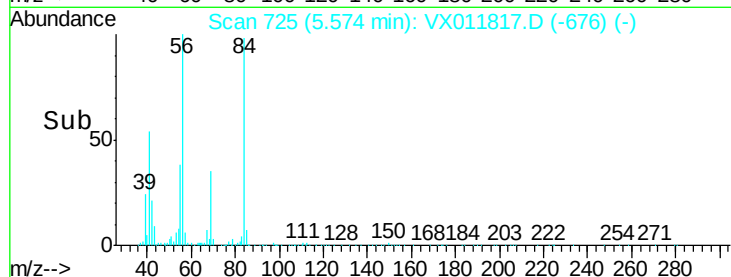
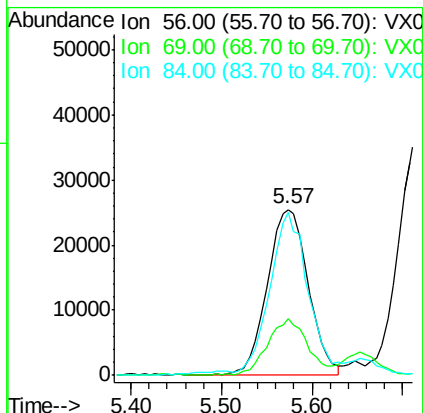
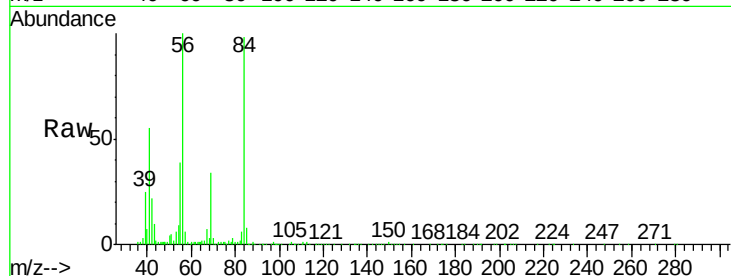
Tot Ion: 56 Resp: 78921

Ion Ratio Lower Upper

56 100

69 33.8 24.5 36.7

84 97.2 72.7 109.1



#32

1,1,1-Trichloroethane

Concen: 19.077 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

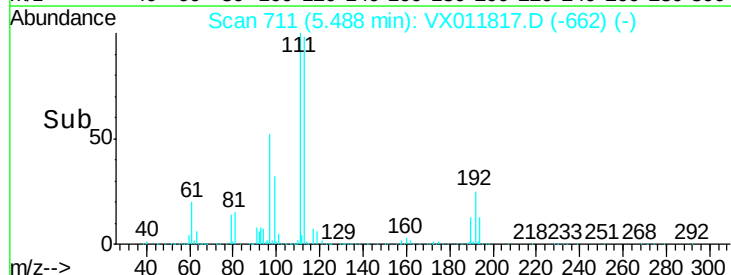
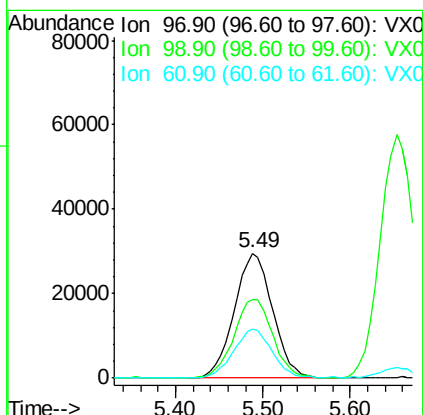
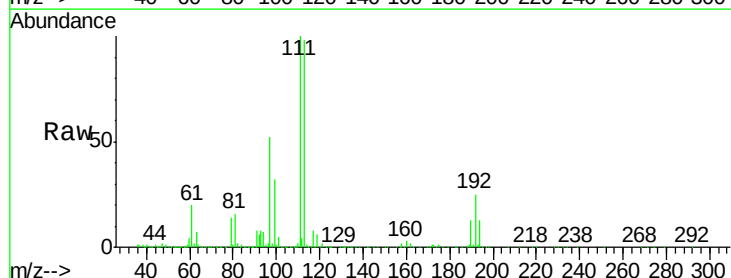
Tgt Ion: 97 Resp: 89867

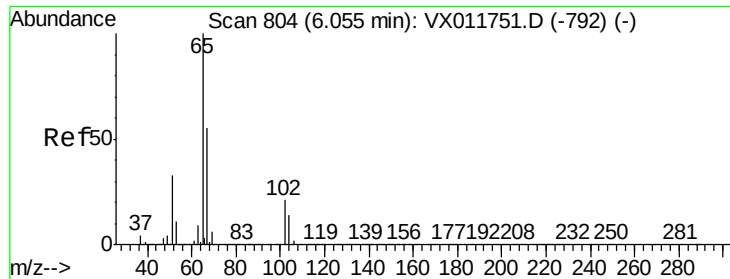
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 40.0 31.6 47.4

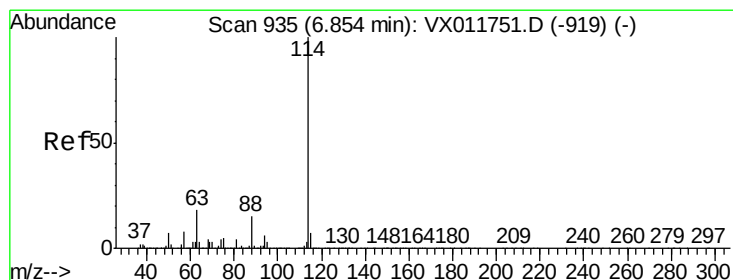
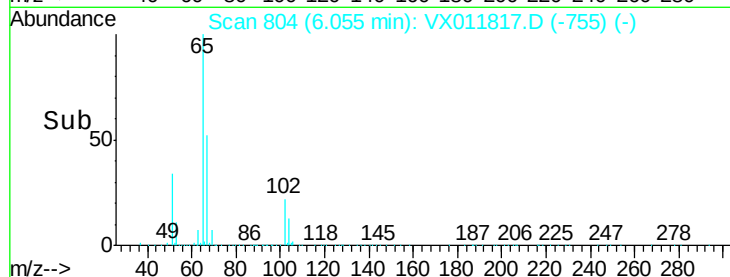
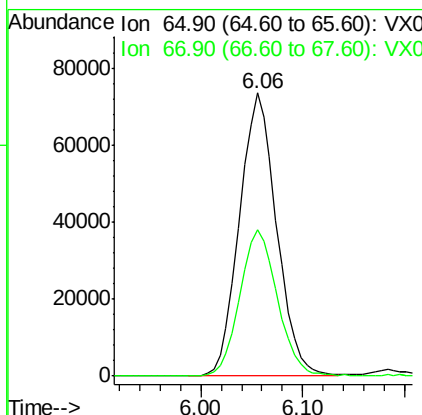
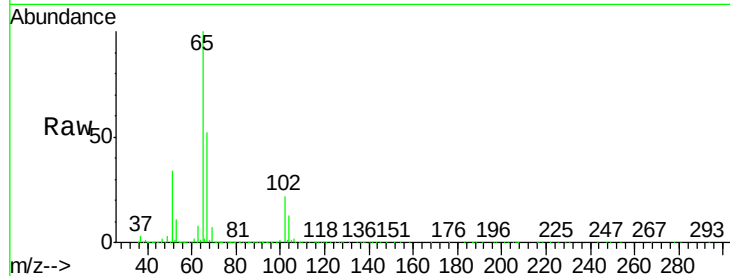




#33
 1,2-Dichloroethane-d4
 Concen: 51.966 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

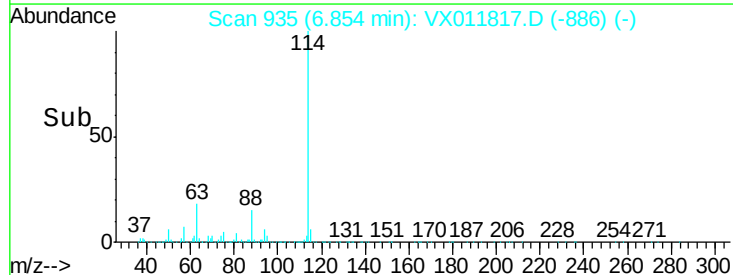
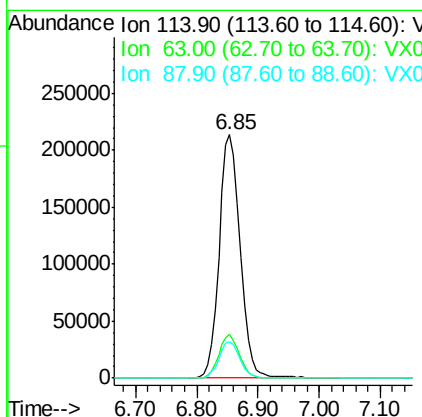
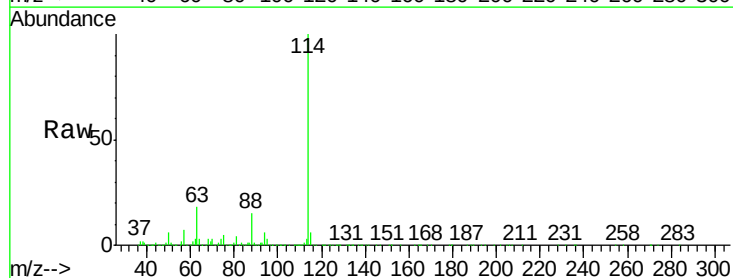
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

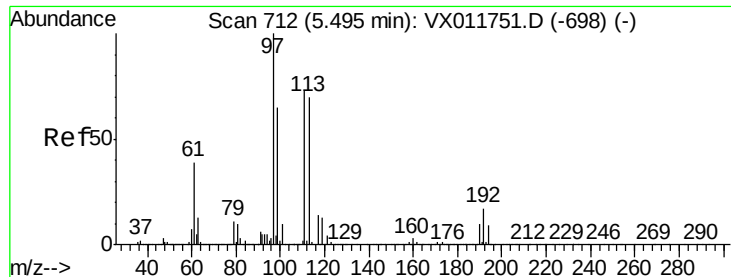
Tot Ion: 65 Resp: 185390
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

Tgt Ion: 114 Resp: 510055
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.8
 88 14.9 0.0 30.2

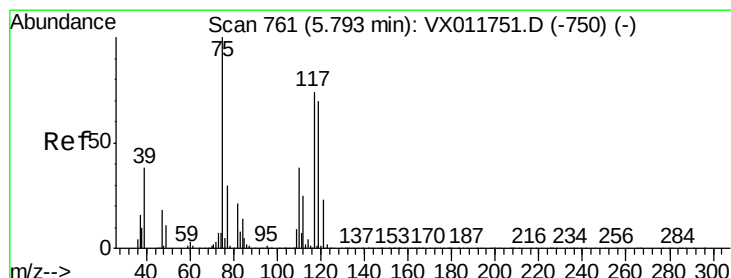
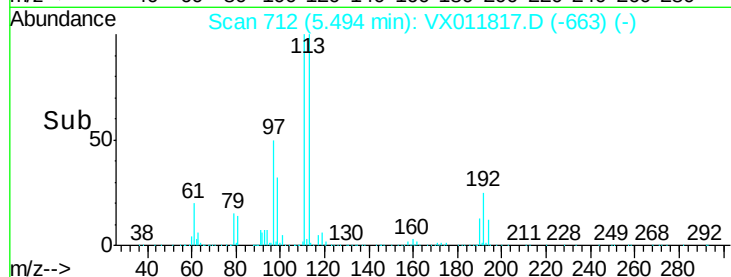
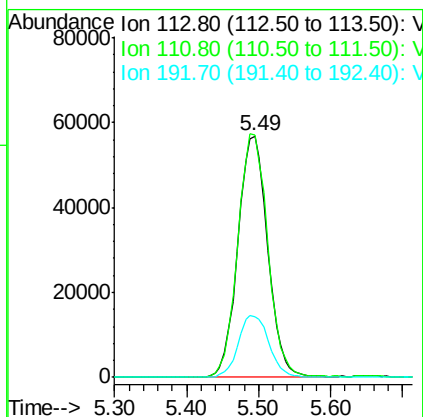
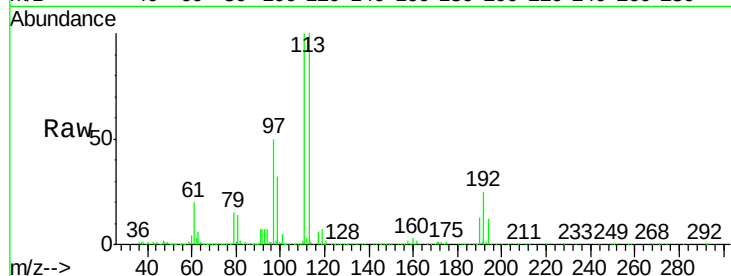




#35
 Dibromofluoromethane
 Concen: 49.628 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

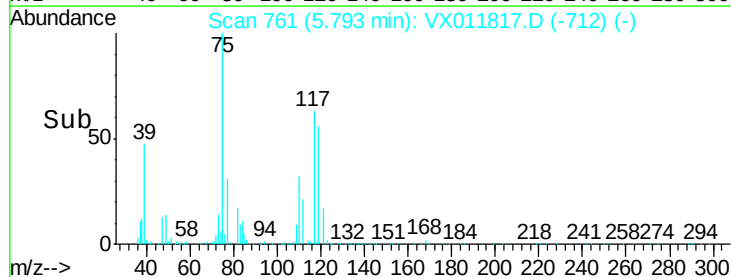
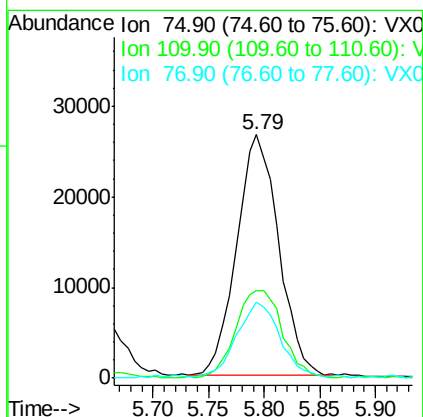
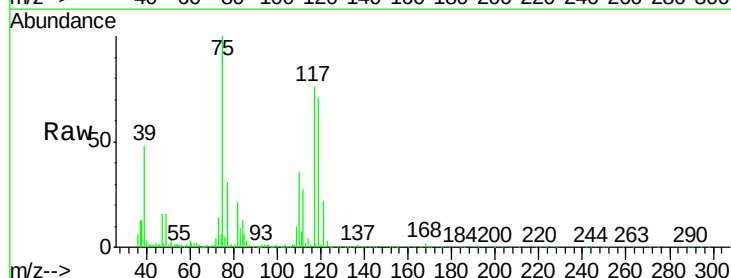
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

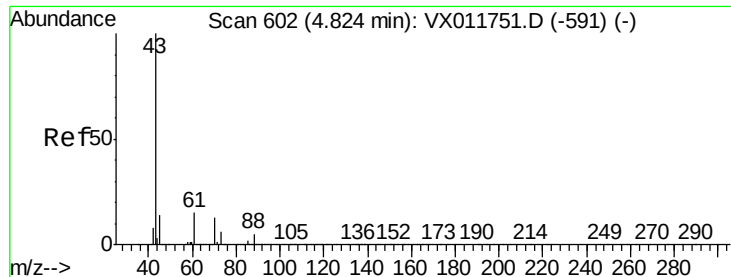
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.0	121.4
192	26.3	19.9	29.9



#36
 1,1-Dichloropropene
 Concen: 17.422 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.9	19.0	57.0
77	31.7	24.6	36.8

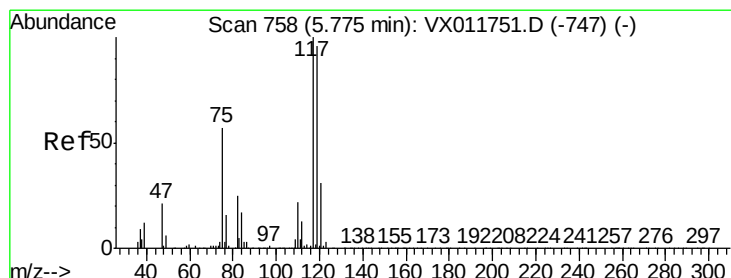
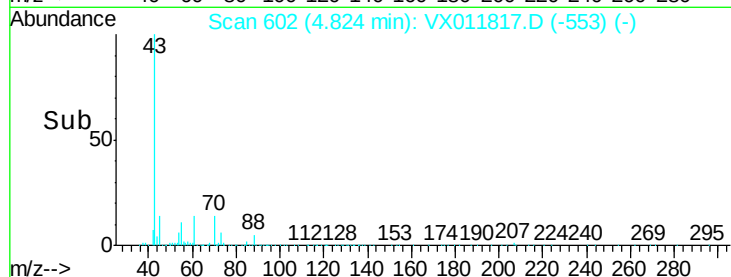
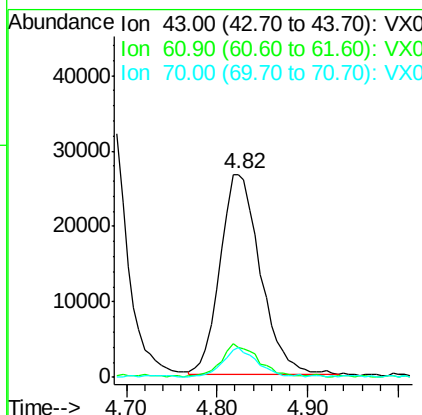
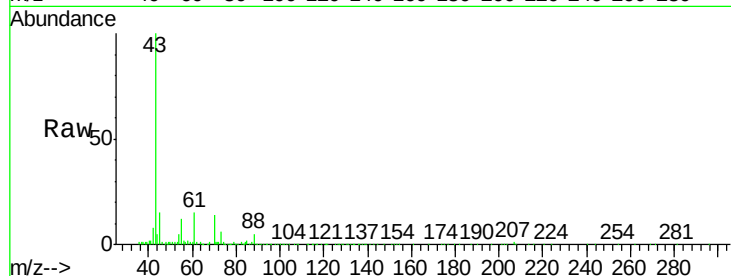




#37
Ethyl Acetate
Concen: 19.321 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

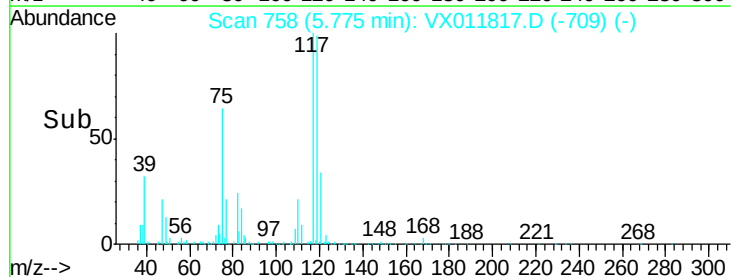
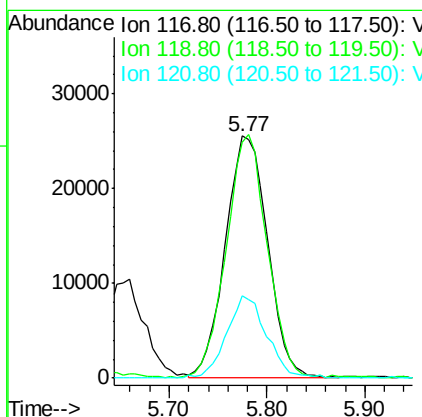
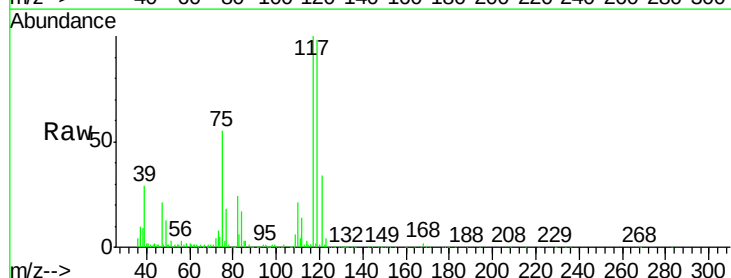
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

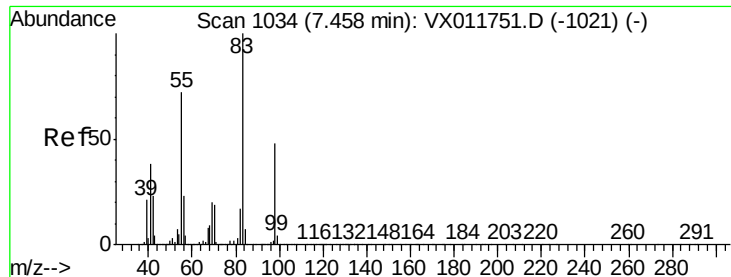
Tot Ion: 43 Resp: 81780
Ion Ratio Lower Upper
43 100
61 14.3 11.5 17.3
70 12.3 9.5 14.3



#38
Carbon Tetrachloride
Concen: 16.784 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Tgt Ion: 117 Resp: 76081
Ion Ratio Lower Upper
117 100
119 97.5 76.6 114.8
121 33.8 25.2 37.8

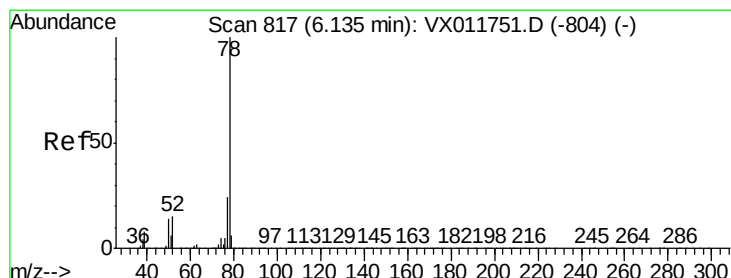
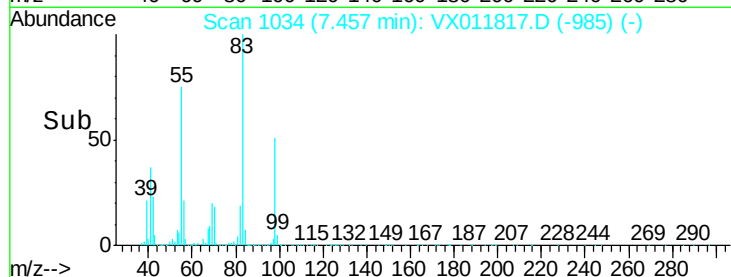
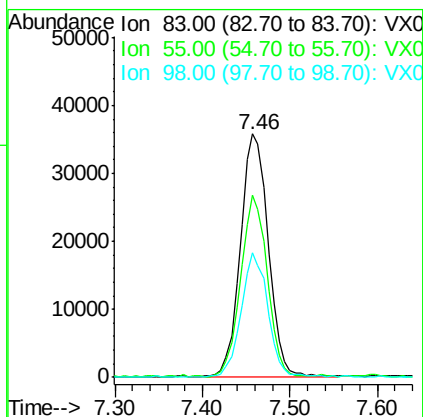
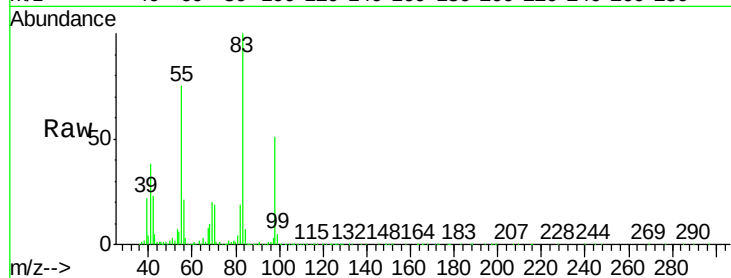




#39
Methylvlcyclohexane
Concen: 16.005 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

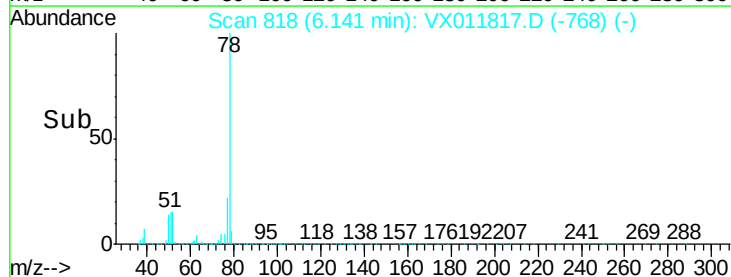
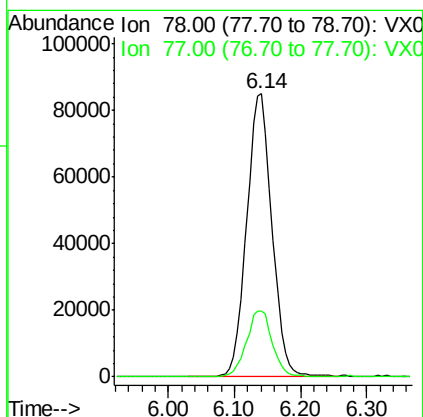
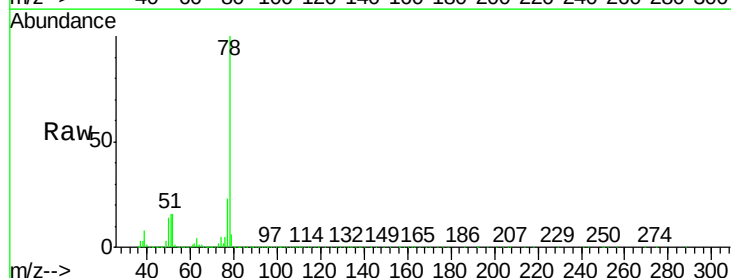
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

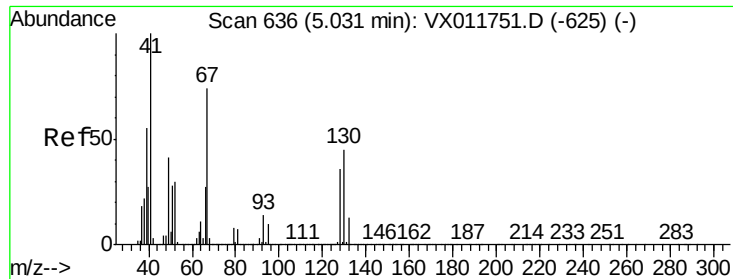
Tot Ion: 83 Resp: 79328
Ion Ratio Lower Upper
83 100
55 74.5 57.8 86.6
98 51.0 38.6 58.0



#40
Benzene
Concen: 18.333 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Tgt Ion: 78 Resp: 226833
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7

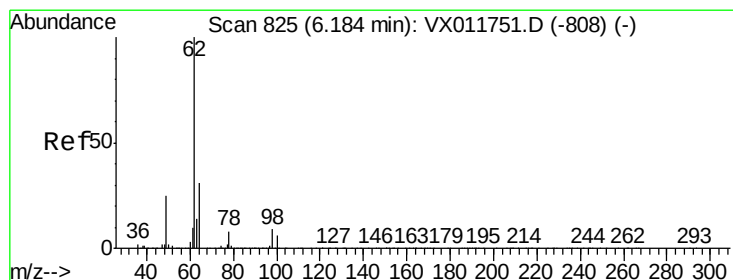
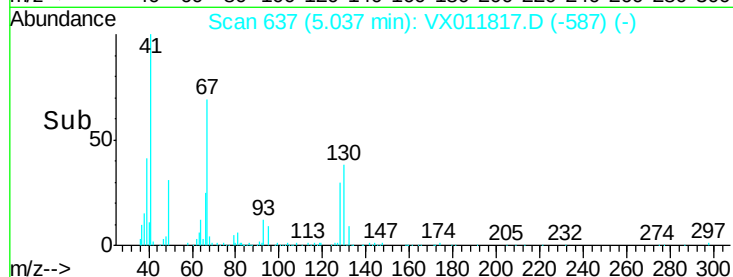
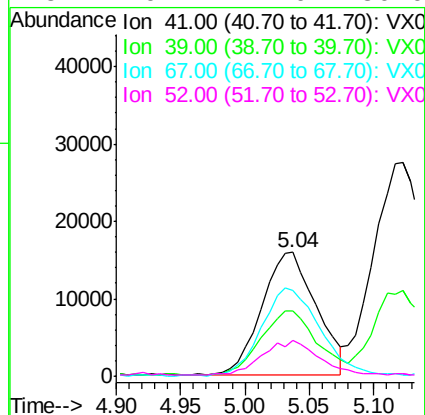
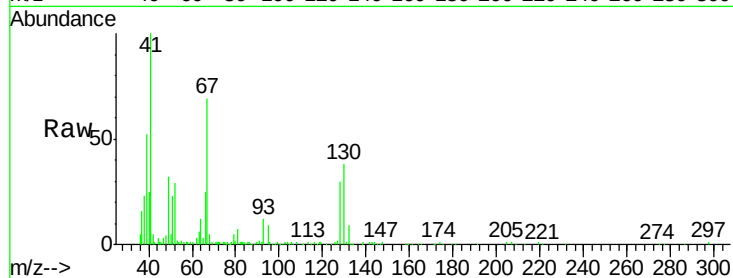




#41
Methacrylonitrile
Concen: 18.858 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

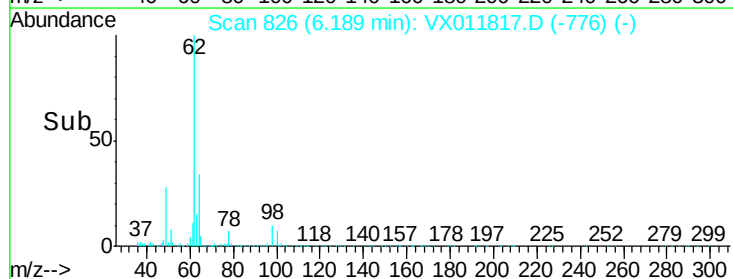
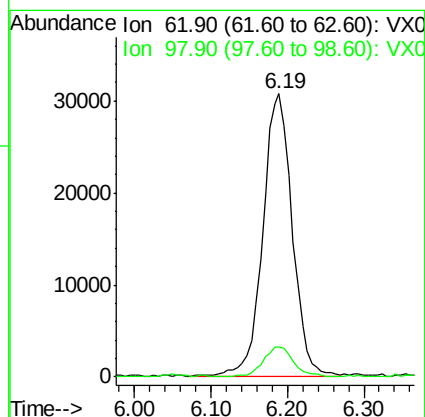
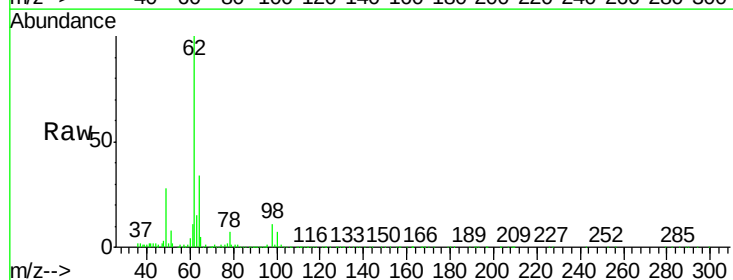
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

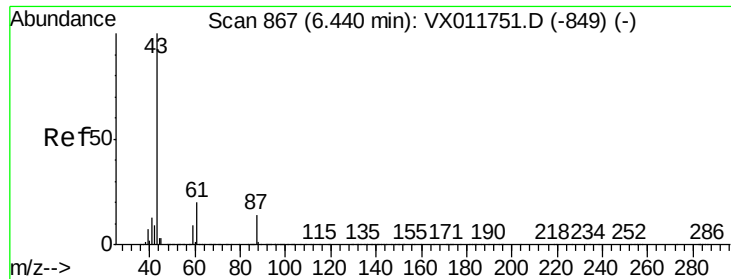
Tot Ion:	41	Resp:	46422
Ion	Ratio	Lower	Upper
41	100		
39	54.0	44.3	66.5
67	76.7	60.3	90.5
52	29.7	24.0	36.0



#42
1,2-Dichloroethane
Concen: 18.402 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Tgt Ion:	62	Resp:	83234
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	18.8





#43

Isopropyl Acetate

Concen: 18.467 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

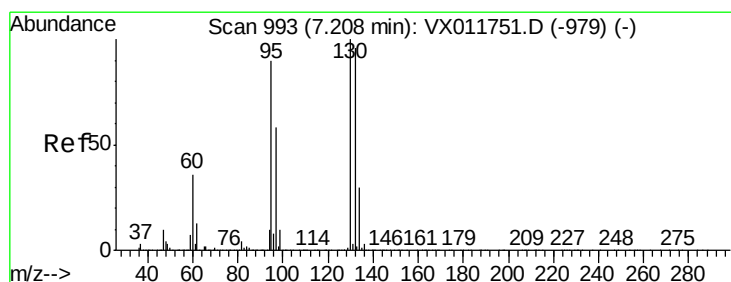
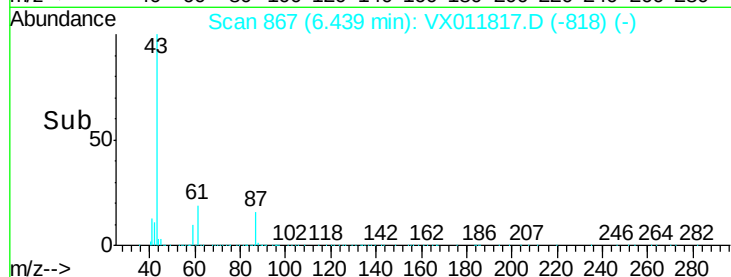
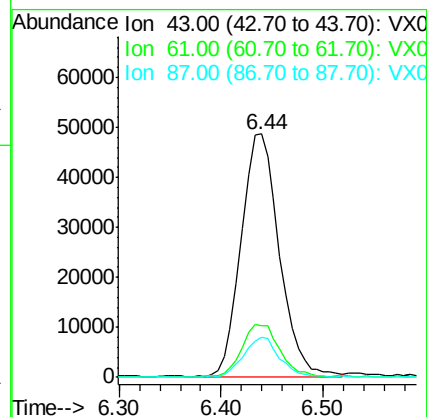
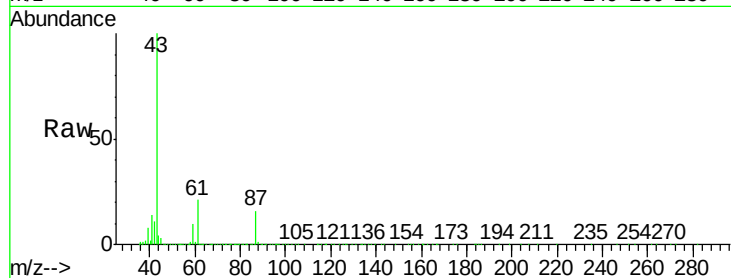
Tot Ion: 43 Resp: 126514

Ion Ratio Lower Upper

43 100

61 21.8 16.2 24.2

87 15.8 11.6 17.4



#44

Trichloroethene

Concen: 18.025 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX011817.D

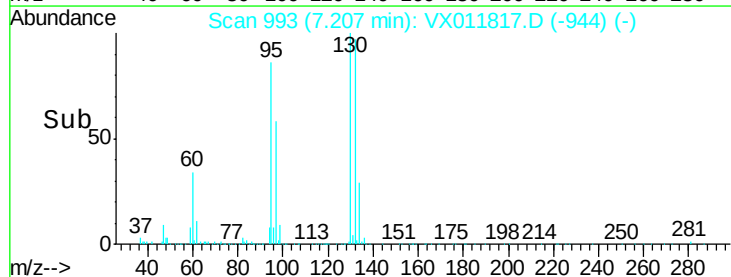
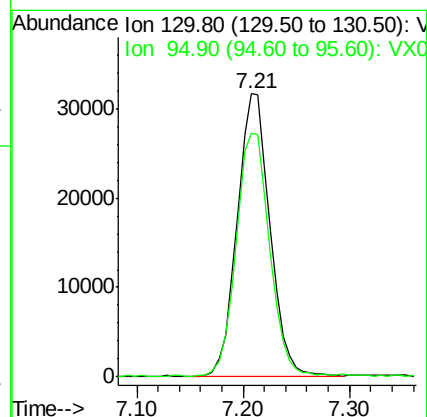
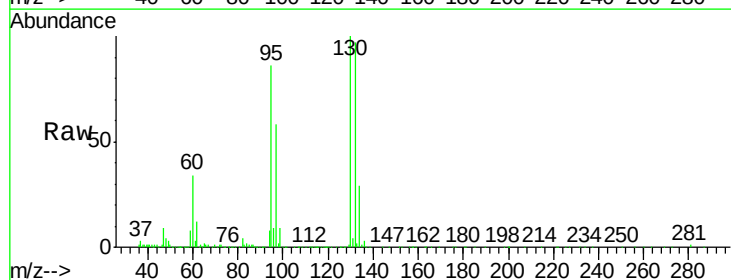
Acq: 24 Aug 2019 14:42

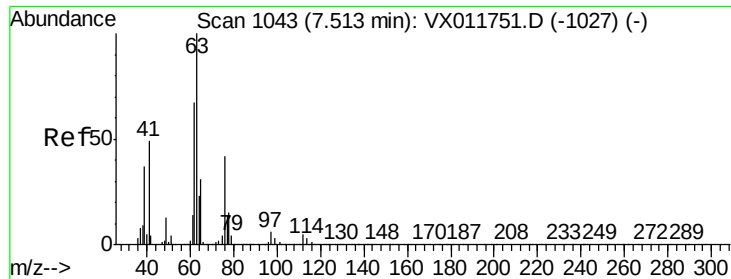
Tgt Ion:130 Resp: 68748

Ion Ratio Lower Upper

130 100

95 86.3 0.0 179.0





#45

1,2-Dichloropropane

Concen: 18.311 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

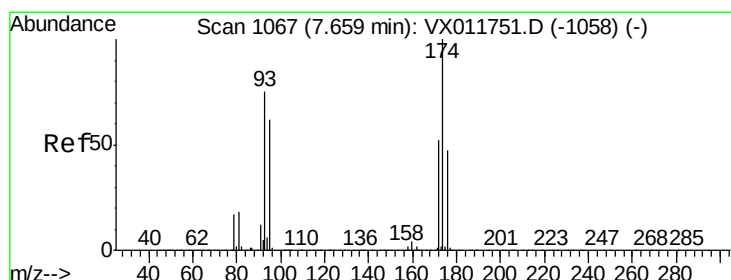
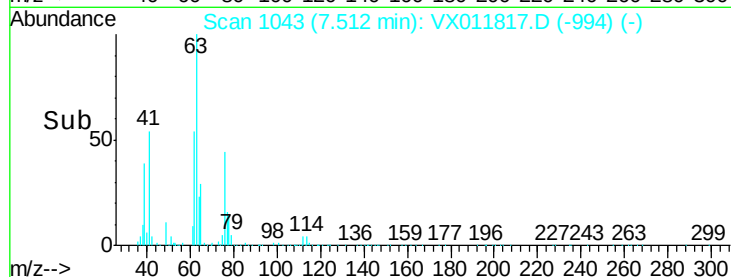
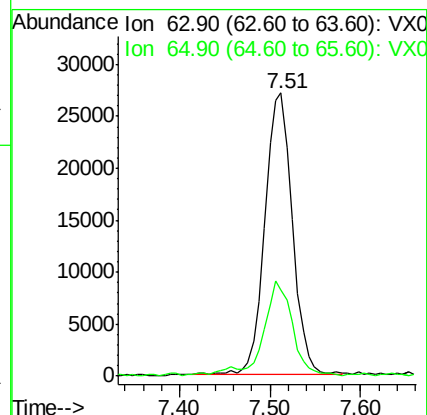
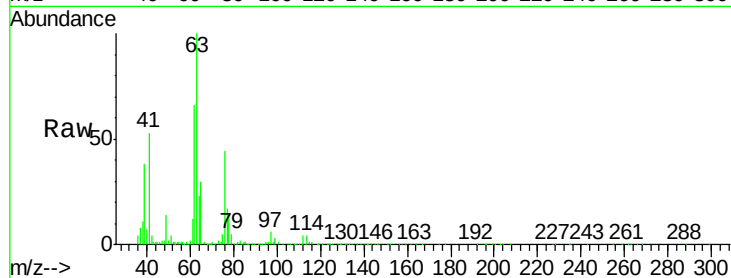
VX0824WBSD01

Tot Ion: 63 Resp: 56947

Ion Ratio Lower Upper

63 100

65 30.2 24.8 37.2



#46

Dibromomethane

Concen: 17.961 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

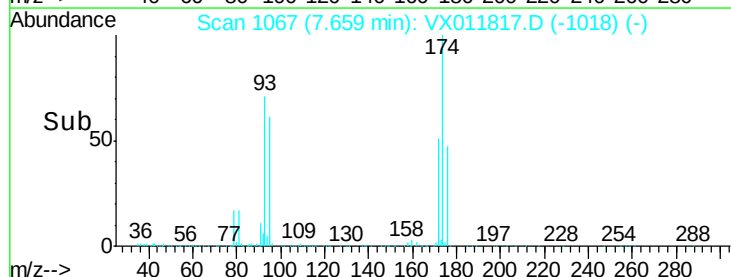
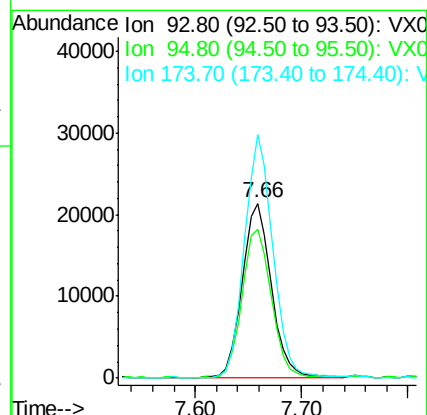
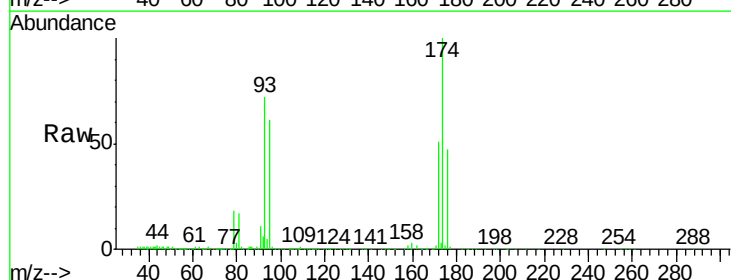
Tgt Ion: 93 Resp: 41182

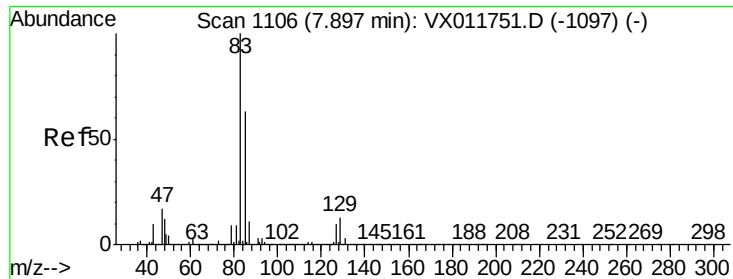
Ion Ratio Lower Upper

93 100

95 86.7 66.2 99.2

174 135.8 104.2 156.4





#47

Bromodichloromethane

Concen: 18.008 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

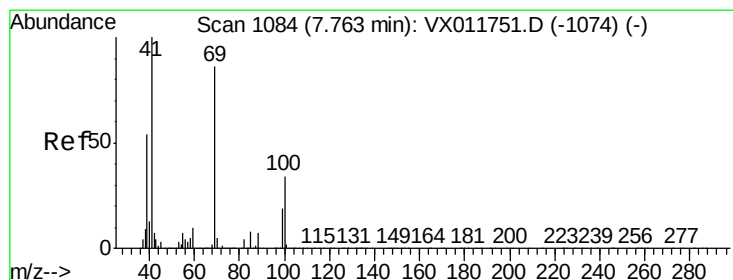
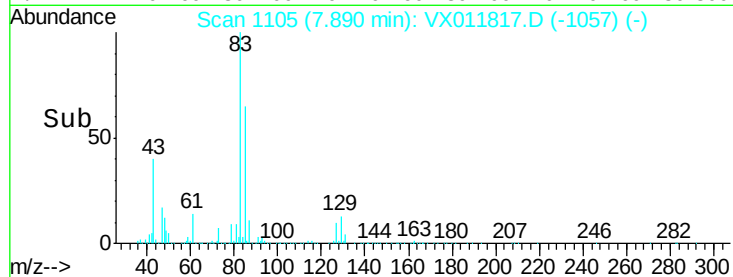
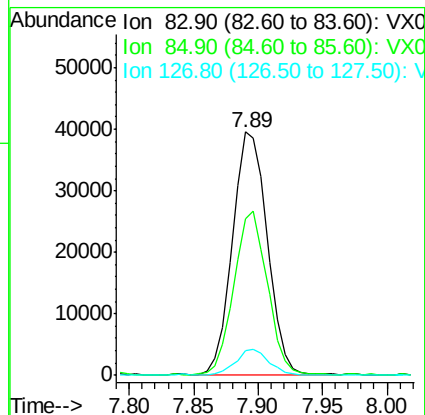
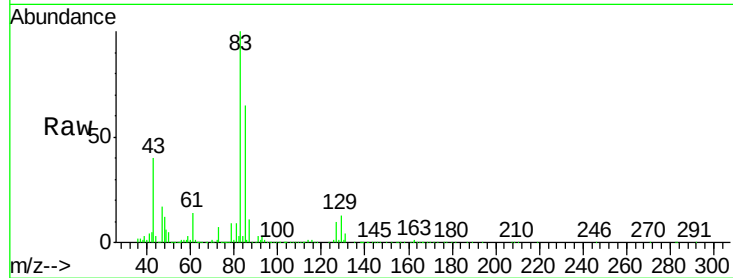
Tot Ion: 83 Resp: 74328

Ion Ratio Lower Upper

83 100

85 64.4 50.6 76.0

127 9.7 8.4 12.6



#48

Methyl methacrylate

Concen: 19.060 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

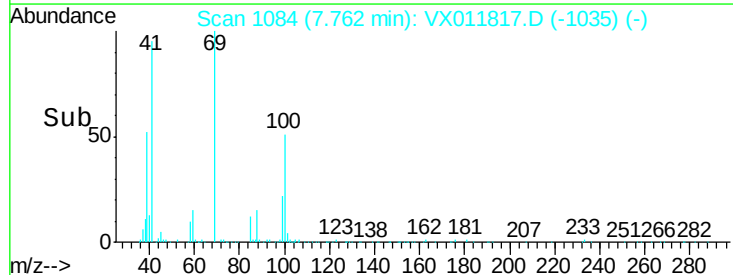
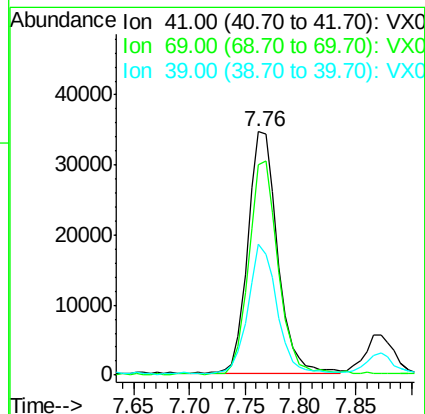
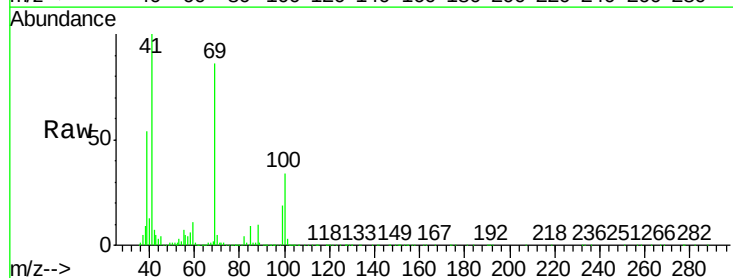
Tgt Ion: 41 Resp: 64983

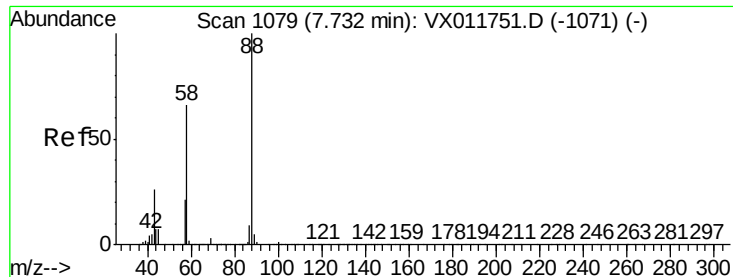
Ion Ratio Lower Upper

41 100

69 86.8 69.4 104.2

39 51.6 43.6 65.4

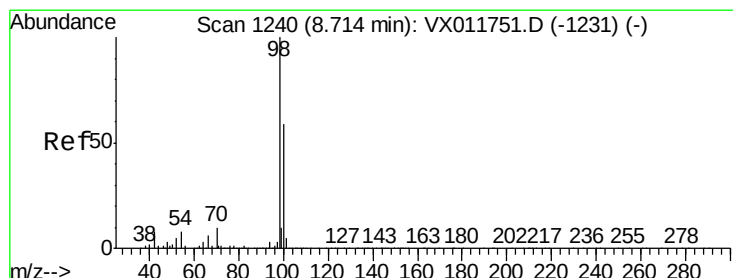
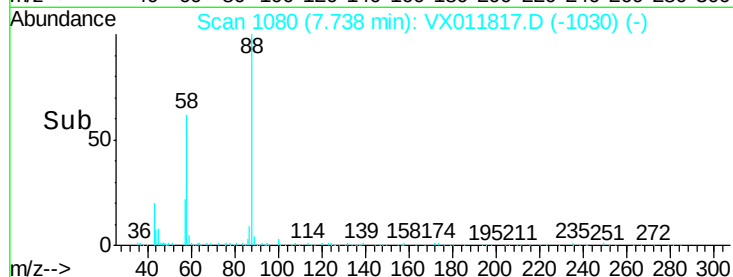
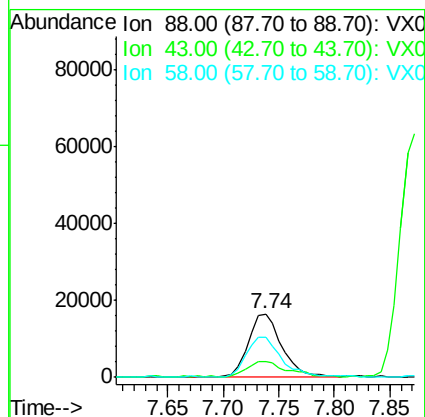
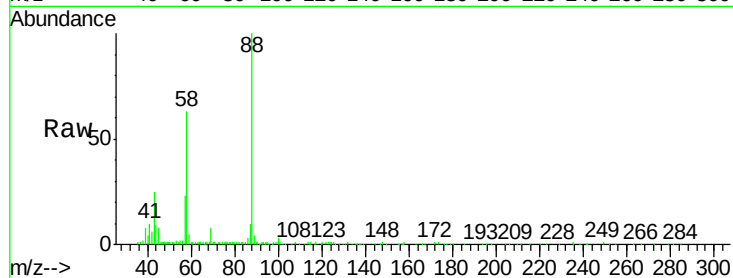




#49
1,4-Dioxane
Concen: 359.989 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

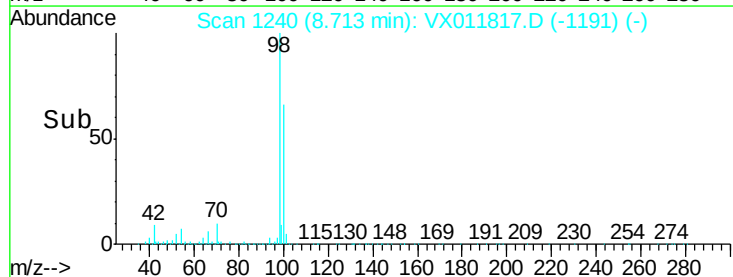
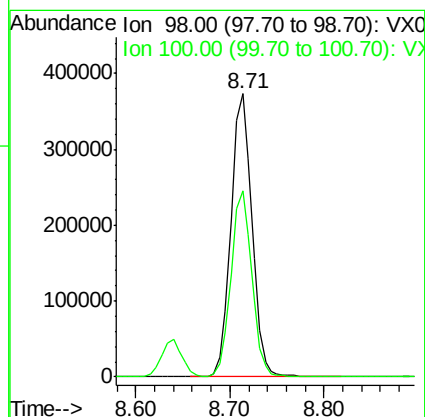
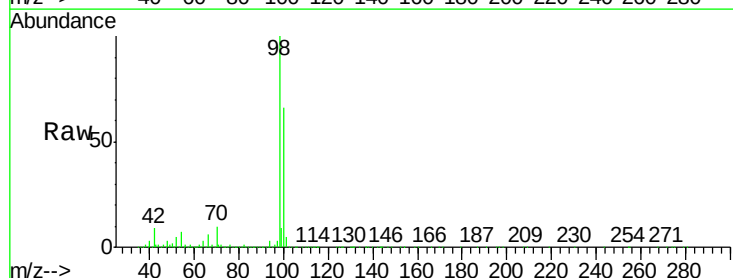
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

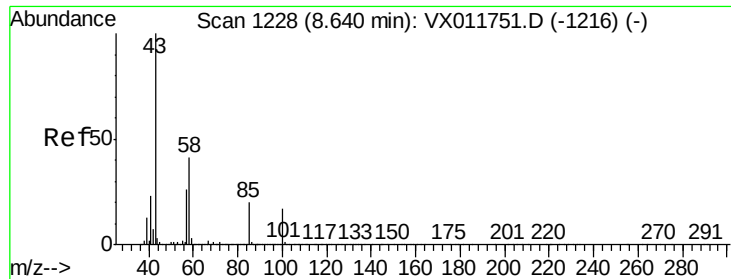
Tot Ion: 88 Resp: 34006
Ion Ratio Lower Upper
88 100
43 32.8 24.6 37.0
58 70.1 51.4 77.2



#50
Toluene-d8
Concen: 50.395 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Tgt Ion: 98 Resp: 579758
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 96.911 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

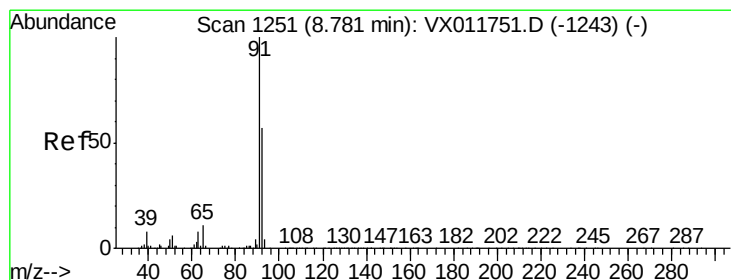
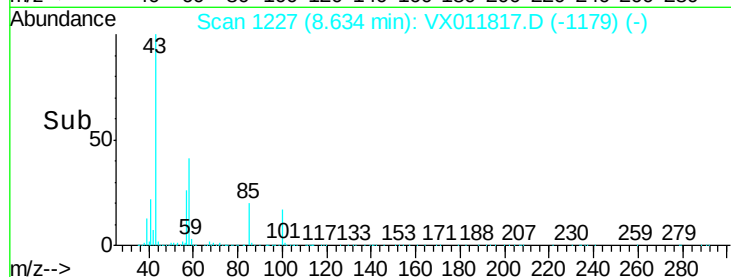
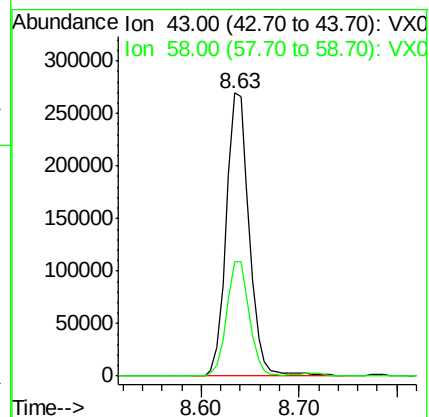
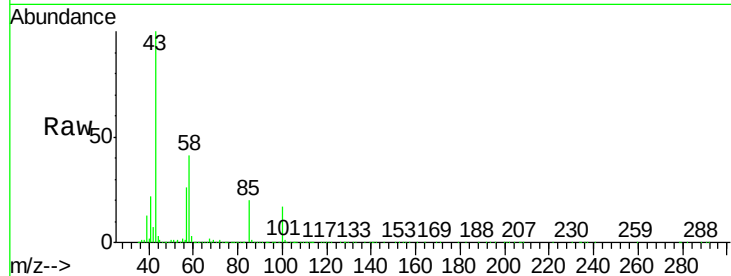
VX0824WBSD01

Tot Ion: 43 Resp: 437468

Ion Ratio Lower Upper

43 100

58 40.2 31.8 47.6



#52

Toluene

Concen: 18.063 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011817.D

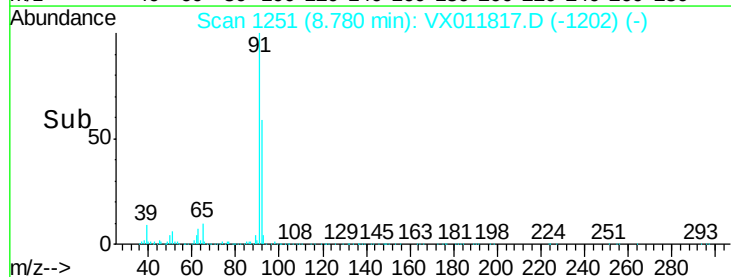
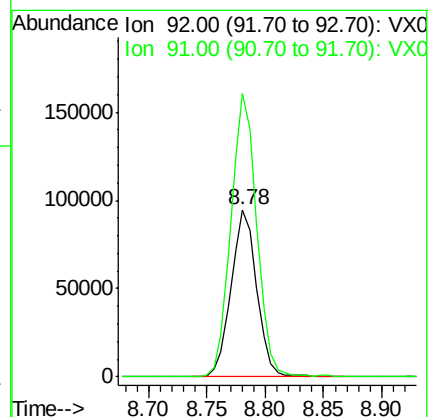
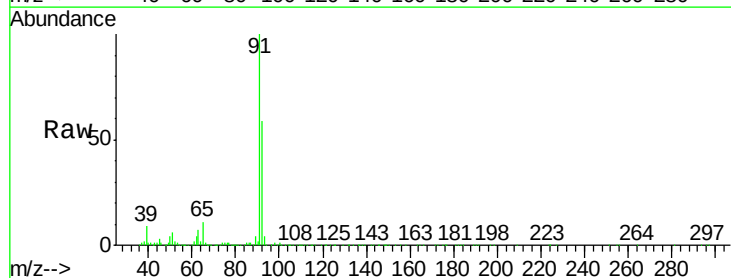
Acq: 24 Aug 2019 14:42

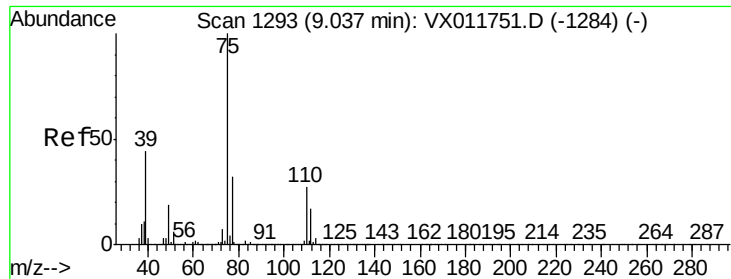
Tgt Ion: 92 Resp: 144631

Ion Ratio Lower Upper

92 100

91 170.9 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 15.811 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

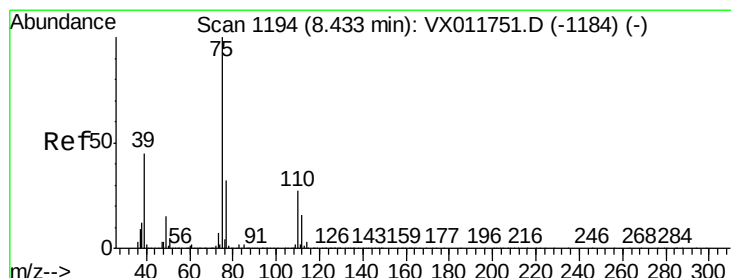
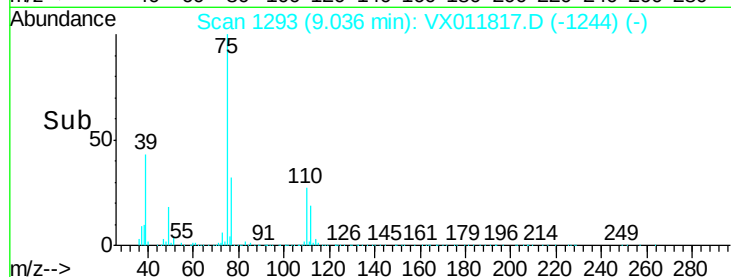
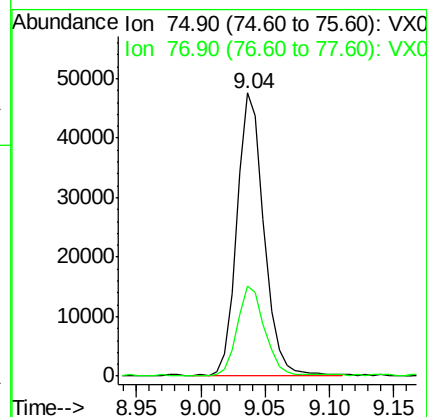
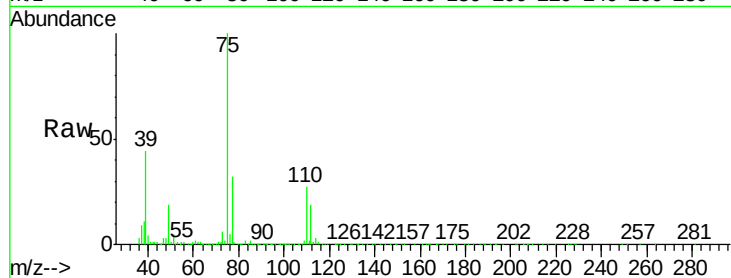
VX0824WBSD01

Tot Ion: 75 Resp: 68510

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 16.834 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

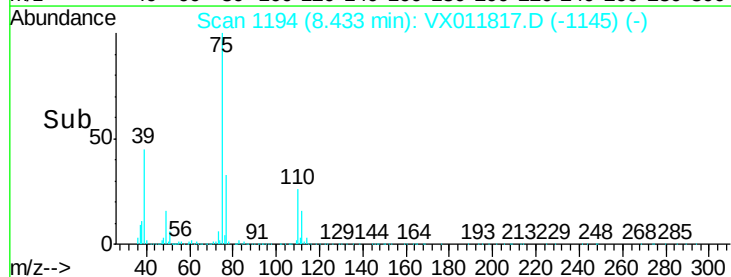
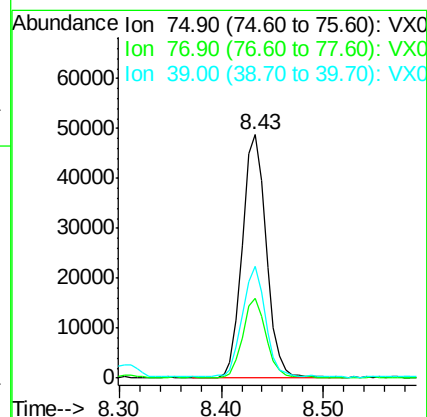
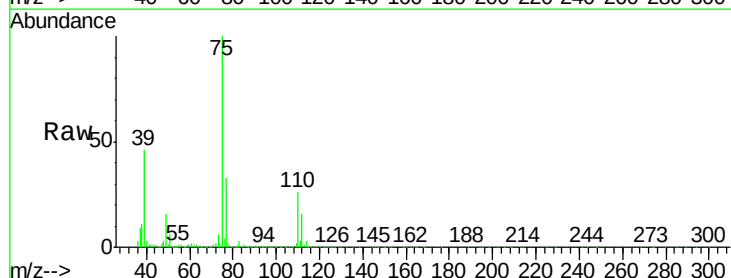
Tgt Ion: 75 Resp: 79574

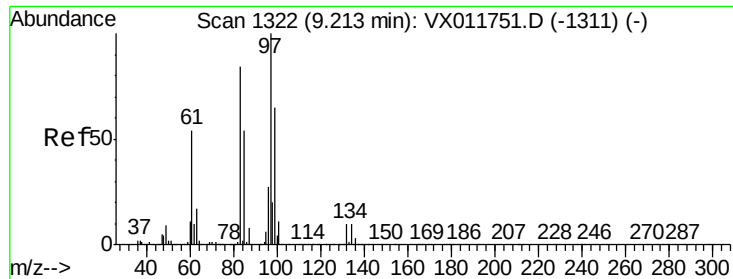
Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2

39 45.4 36.2 54.4

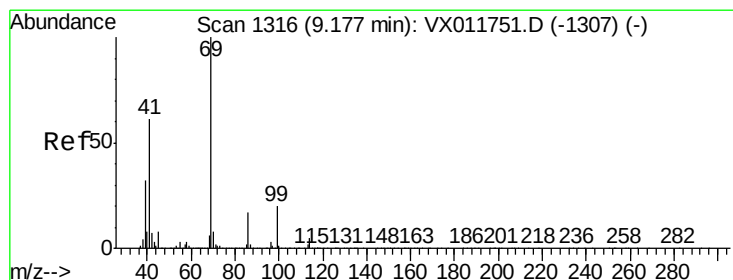
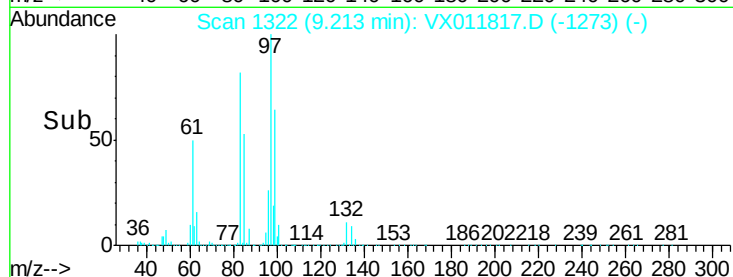
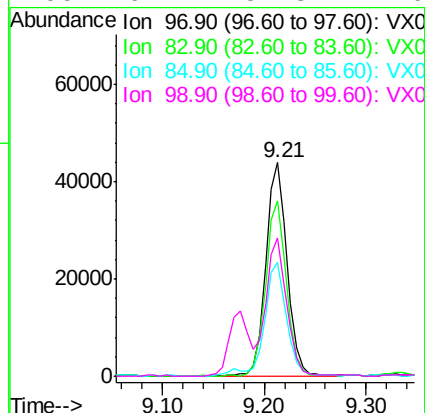
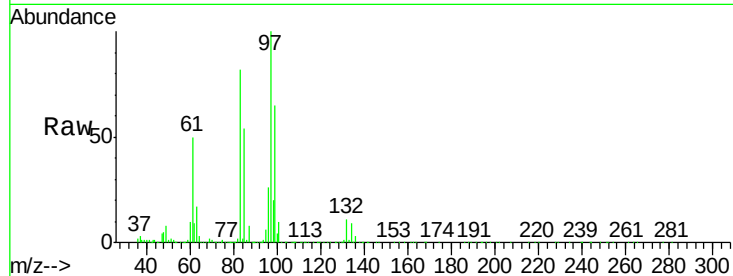




#55
 1,1,2-Trichloroethane
 Concen: 19.235 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

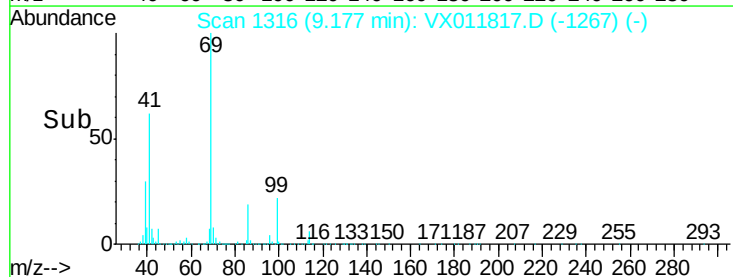
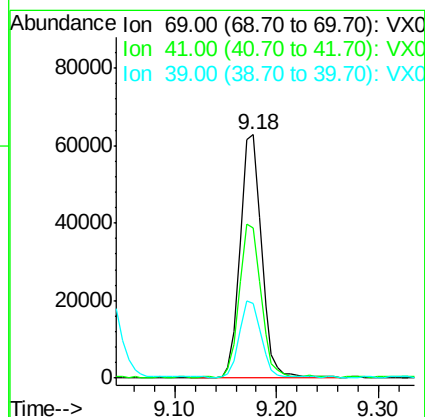
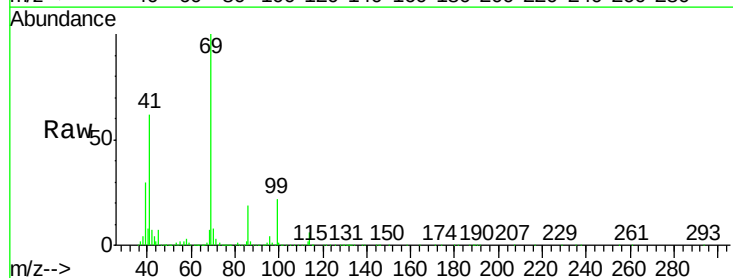
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

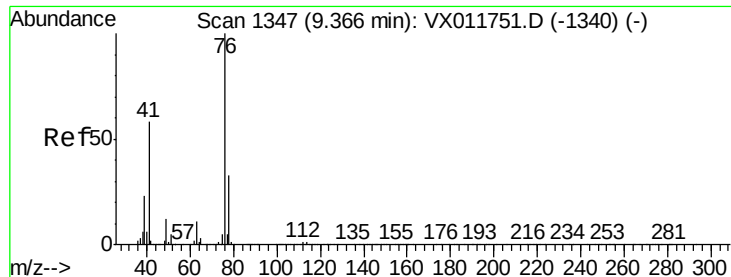
Tot Ion:	97	Resp:	64166
Ion	Ratio	Lower	Upper
97	100		
83	81.7	67.3	100.9
85	53.3	43.4	65.2
99	64.4	51.8	77.6



#56
 Ethyl methacrylate
 Concen: 19.222 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

Tgt Ion:	69	Resp:	91193
Ion	Ratio	Lower	Upper
69	100		
41	63.2	50.7	76.1
39	31.3	26.4	39.6





#57

1,3-Dichloropropane

Concen: 18.098 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

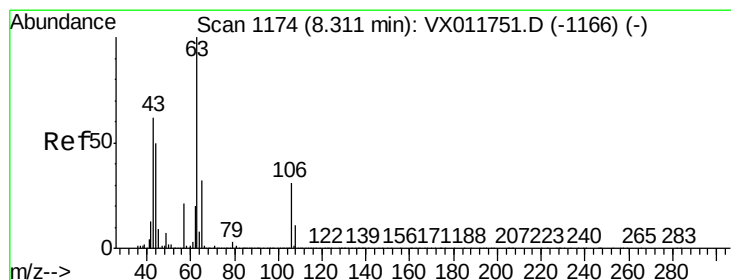
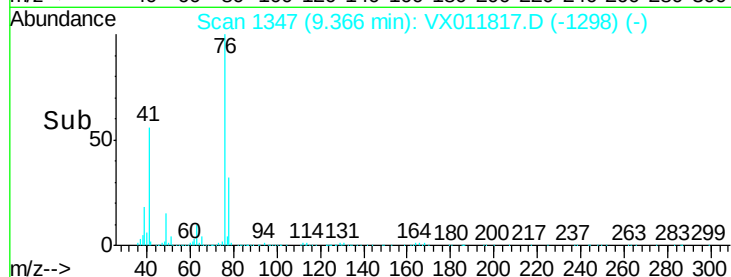
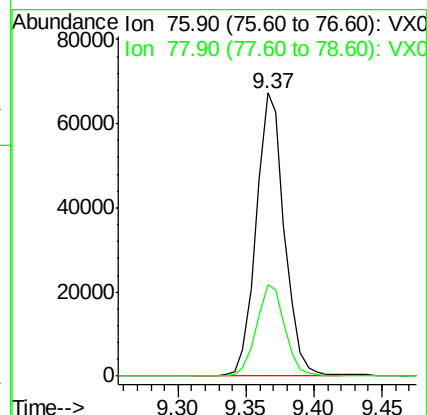
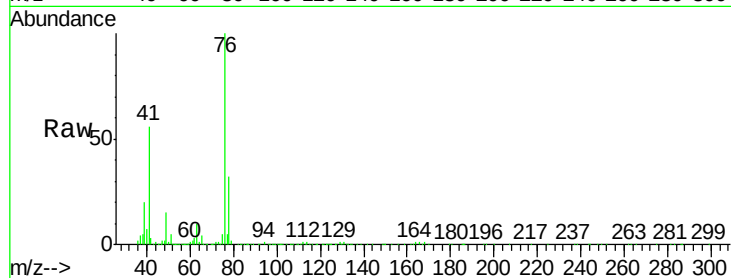
VX0824WBSD01

Tot Ion: 76 Resp: 97485

Ion Ratio Lower Upper

76 100

78 32.5 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 99.430 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011817.D

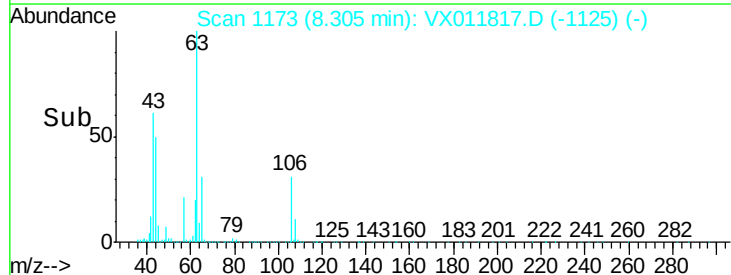
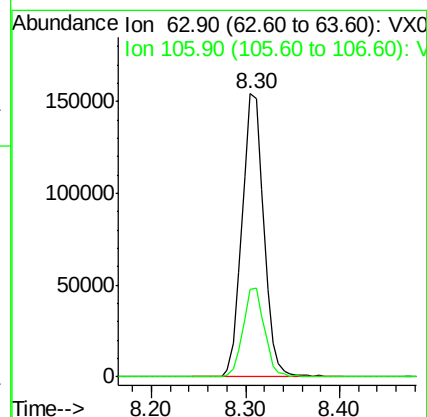
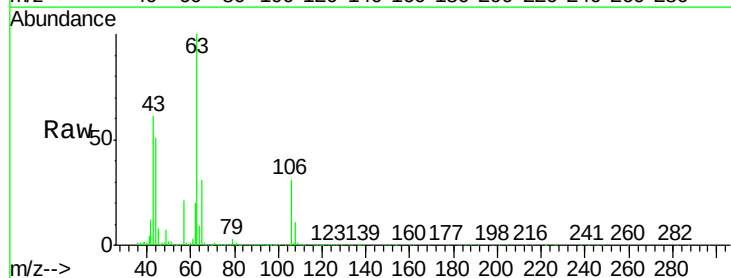
Acq: 24 Aug 2019 14:42

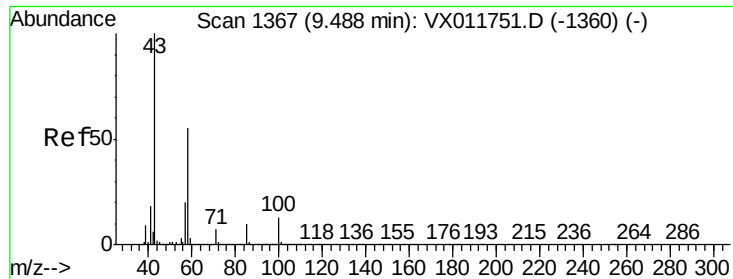
Tgt Ion: 63 Resp: 248136

Ion Ratio Lower Upper

63 100

106 31.3 24.9 37.3

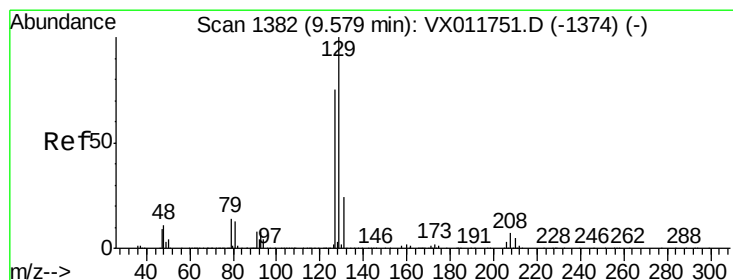
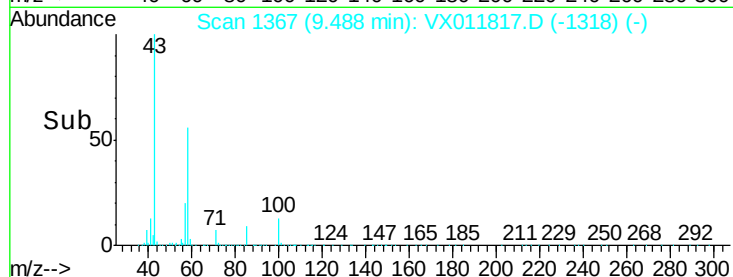
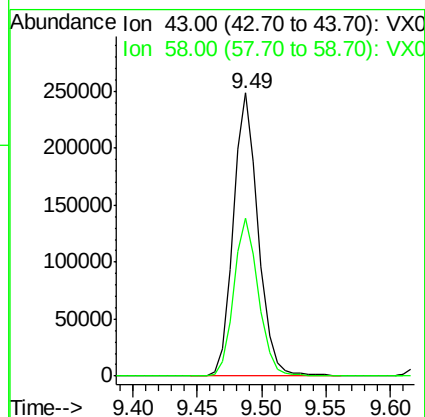
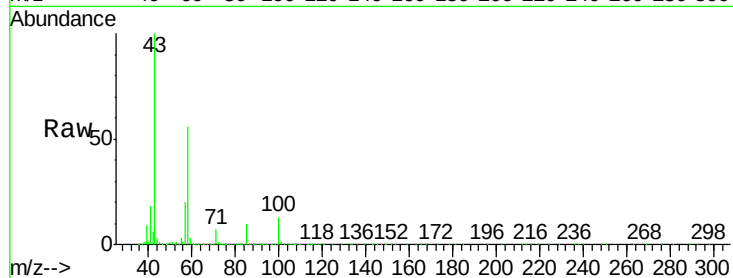




#59
2-Hexanone
Concen: 96.909 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

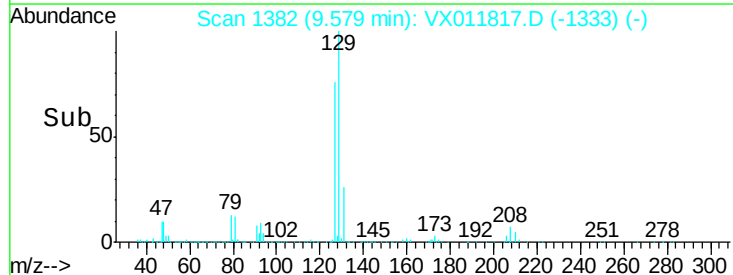
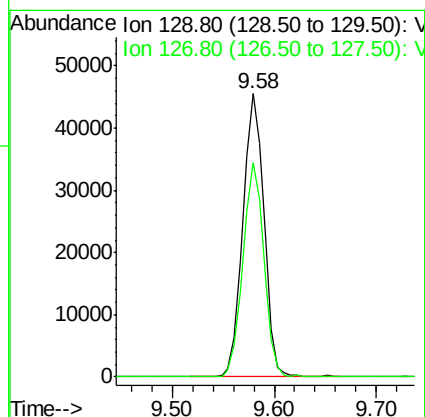
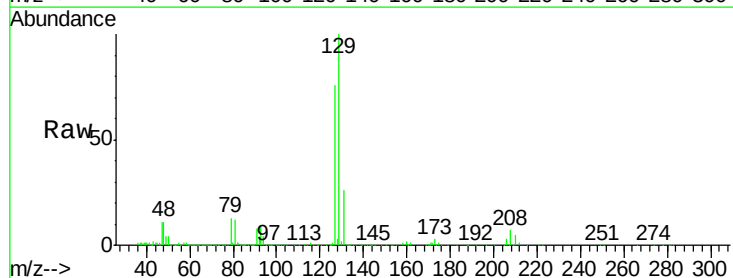
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

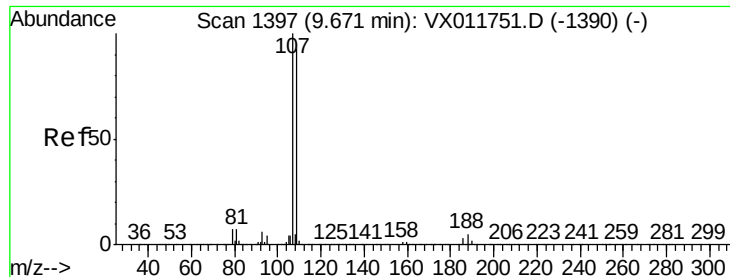
Tot Ion: 43 Resp: 335765
Ion Ratio Lower Upper
43 100
58 55.7 27.7 83.1



#60
Dibromochloromethane
Concen: 18.105 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Tgt Ion: 129 Resp: 65300
Ion Ratio Lower Upper
129 100
127 74.9 38.3 114.8

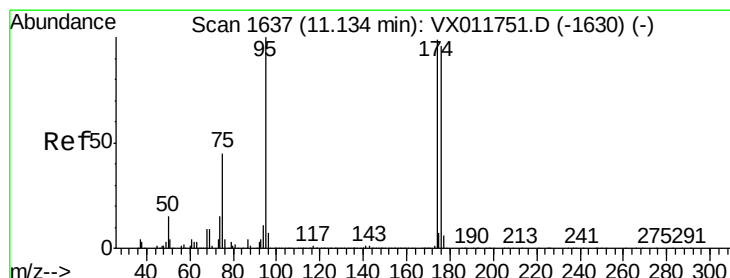
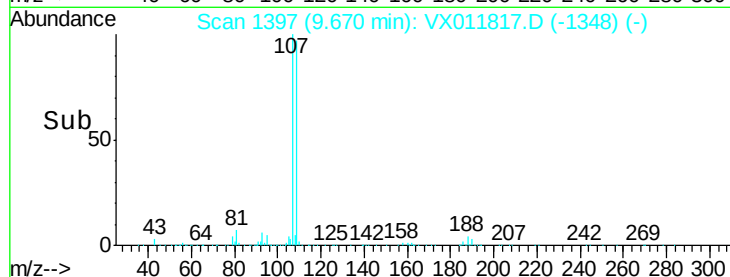
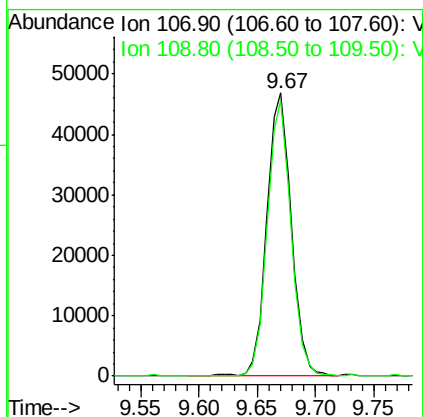
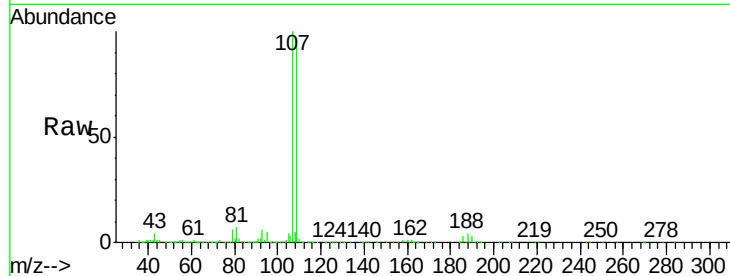




#61
 1,2-Dibromoethane
 Concen: 19.200 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

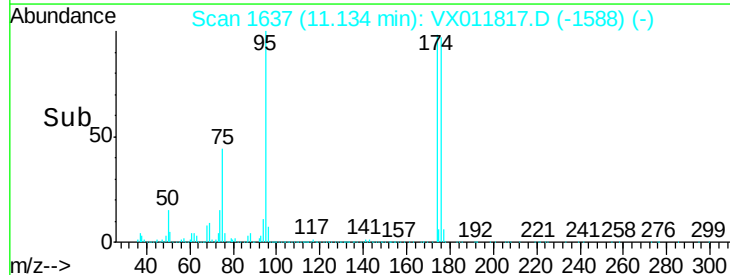
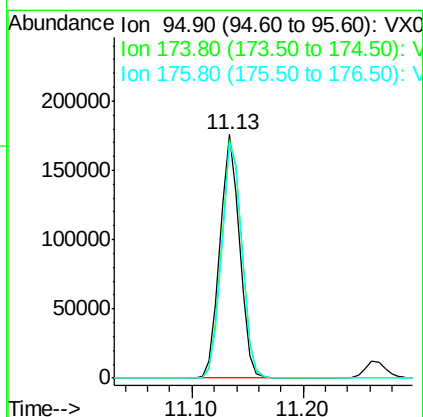
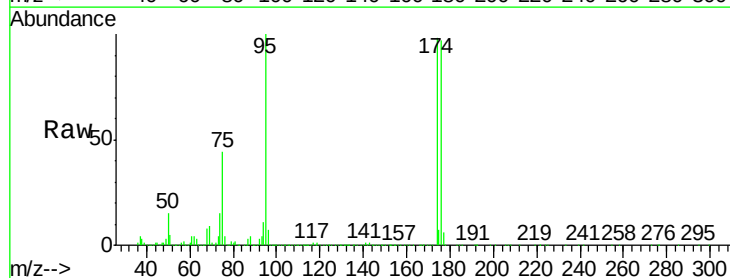
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

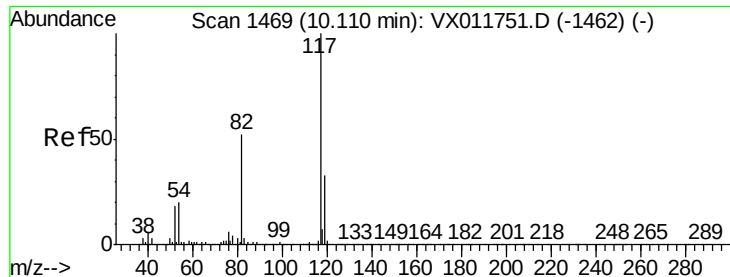
Tot Ion: 107 Resp: 68722
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 47.273 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

Tgt Ion: 95 Resp: 214960
 Ion Ratio Lower Upper
 95 100
 174 101.3 0.0 197.4
 176 99.1 0.0 194.4

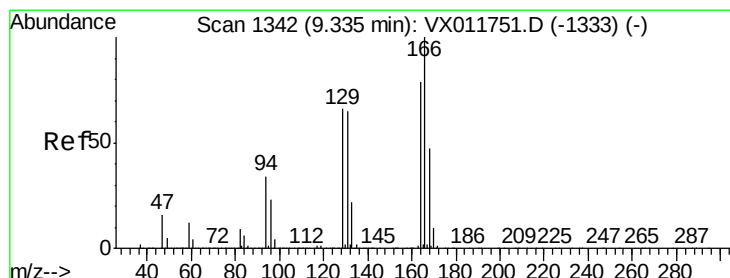
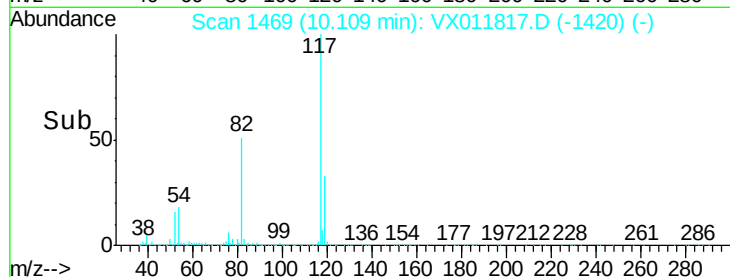
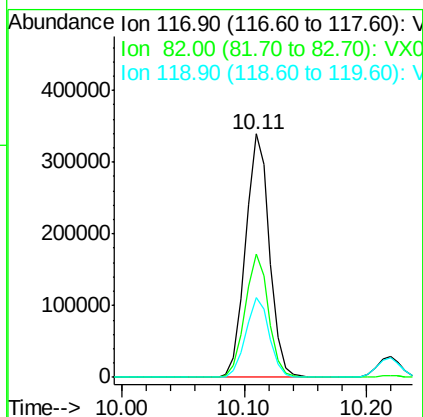
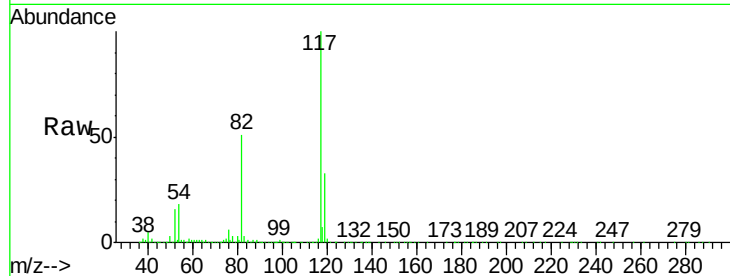




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

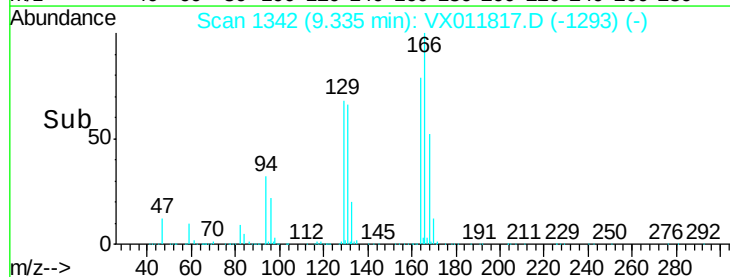
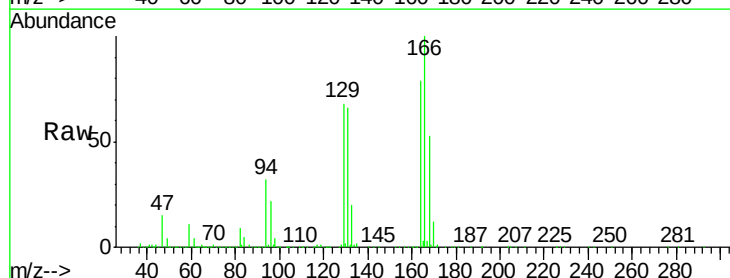
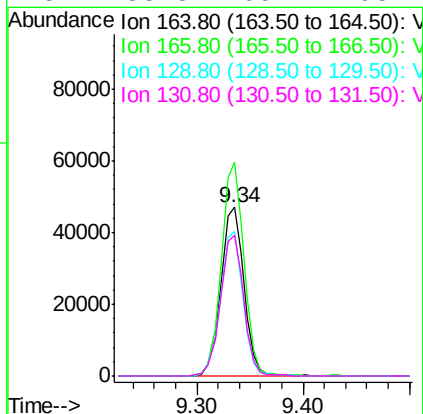
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

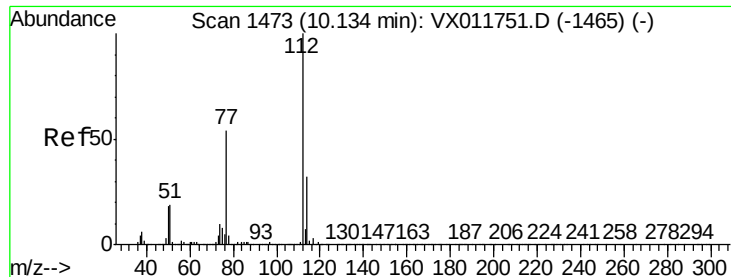
Tot Ion:117 Resp: 459700
Ion Ratio Lower Upper
117 100
82 50.7 41.7 62.5
119 32.5 26.2 39.2



#64
Tetrachloroethene
Concen: 19.389 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Tgt Ion:164 Resp: 71108
Ion Ratio Lower Upper
164 100
166 126.7 100.7 151.1
129 85.8 66.8 100.2
131 83.8 65.4 98.2

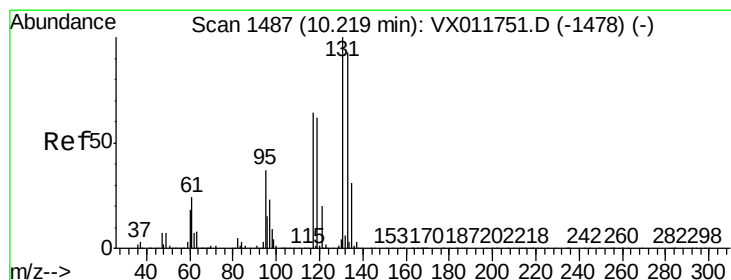
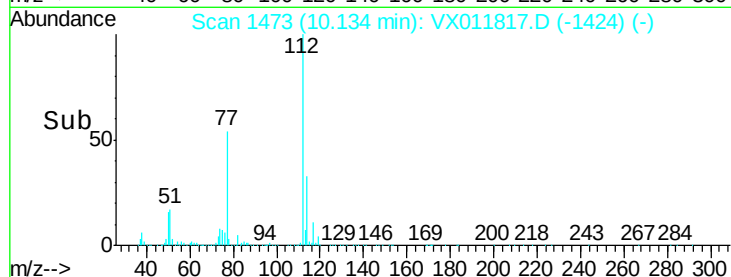
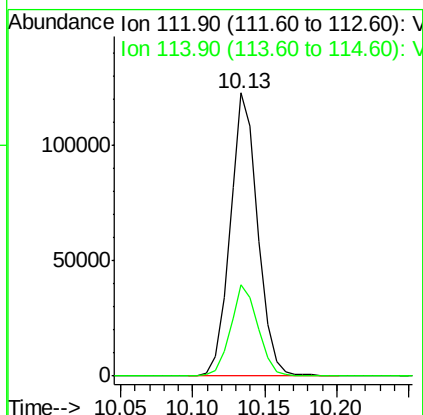
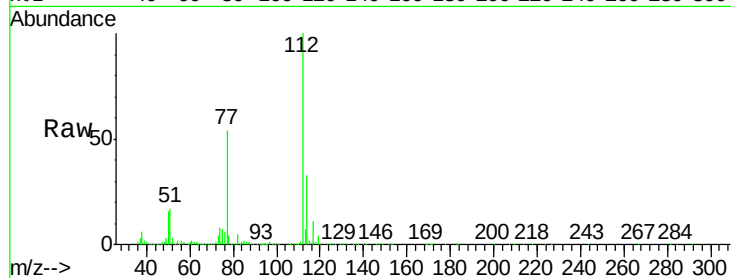




#65
Chlorobenzene
Concen: 18.291 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

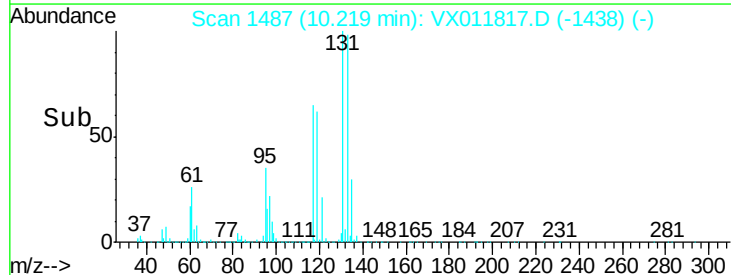
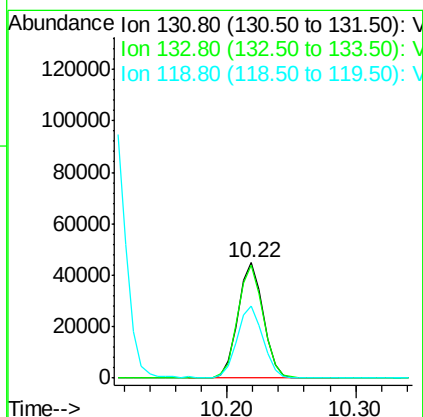
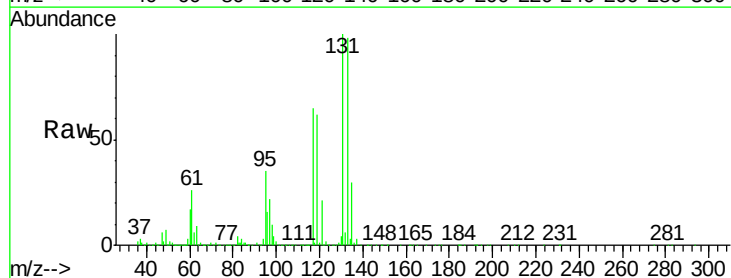
Instrument :
MSVOA_X
ClientSampled :
VX0824WBSD01

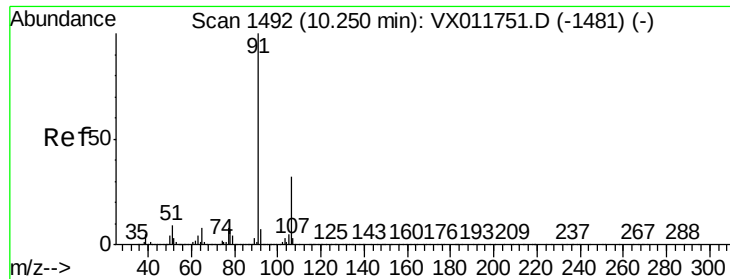
Tot Ion:112 Resp: 164164
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.310 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Tgt Ion:131 Resp: 61571
Ion Ratio Lower Upper
131 100
133 98.0 47.8 143.4
119 63.0 31.3 93.8

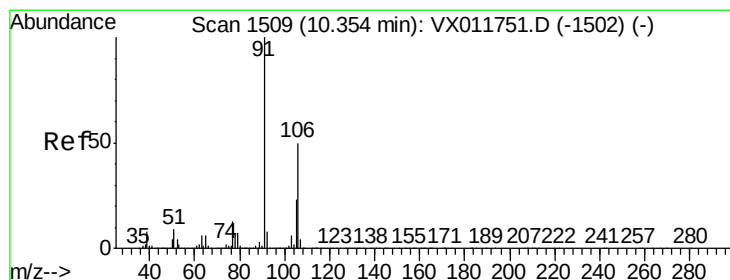
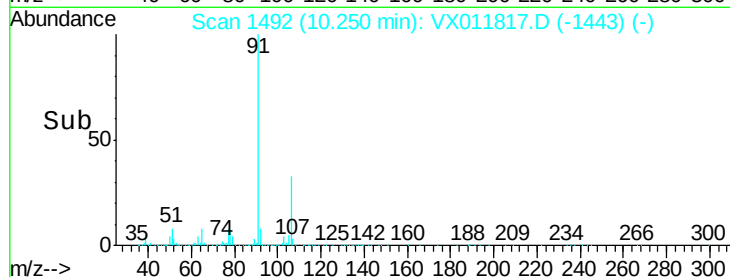
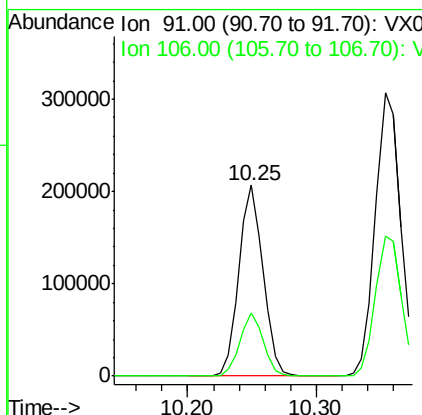
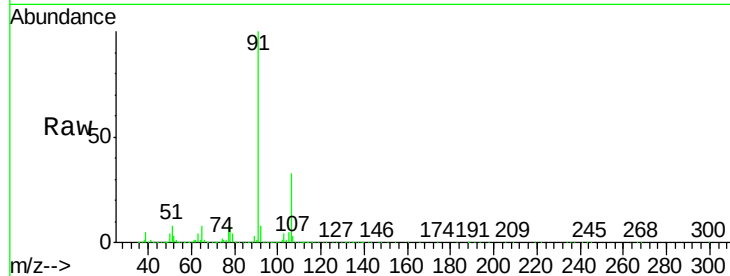




#67
Ethyl Benzene
Concen: 17.951 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

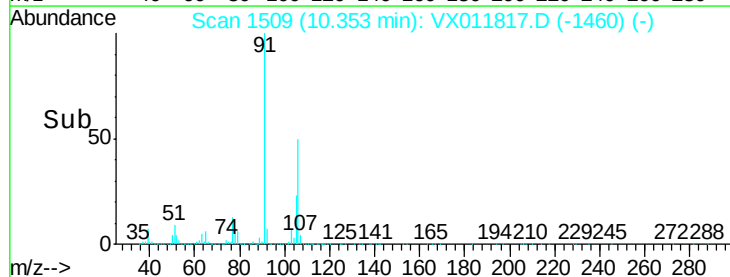
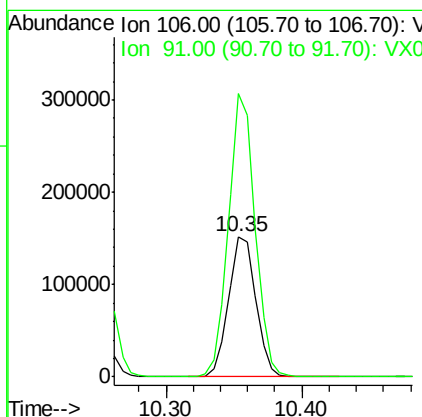
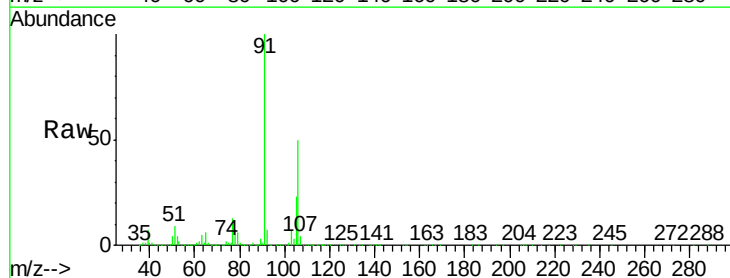
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

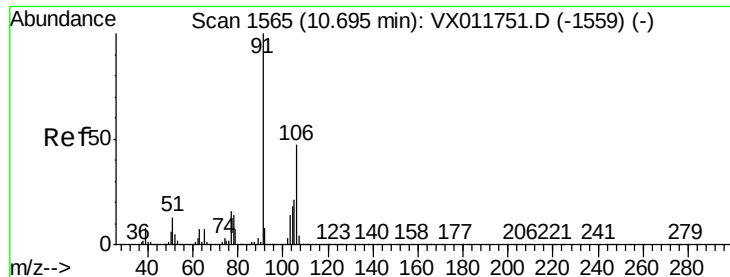
Tot Ion: 91 Resp: 269239
Ion Ratio Lower Upper
91 100
106 33.3 25.5 38.3



#68
m/p-Xylenes
Concen: 36.589 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Tgt Ion:106 Resp: 211598
Ion Ratio Lower Upper
106 100
91 196.6 158.3 237.5

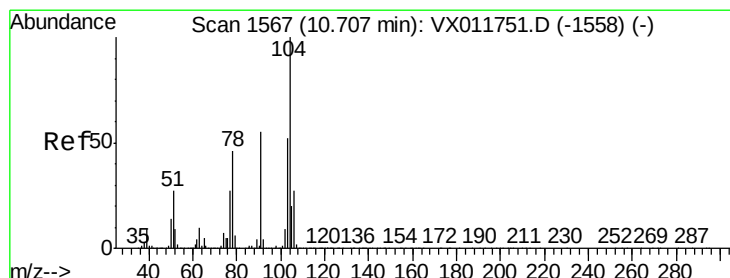
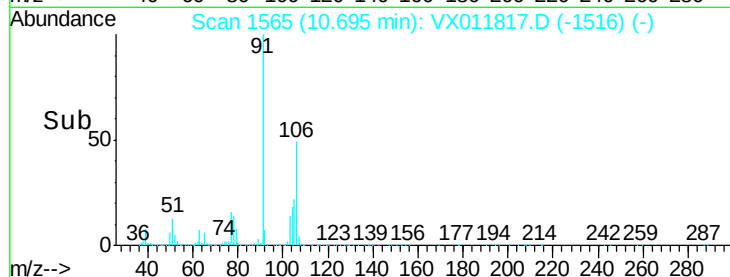
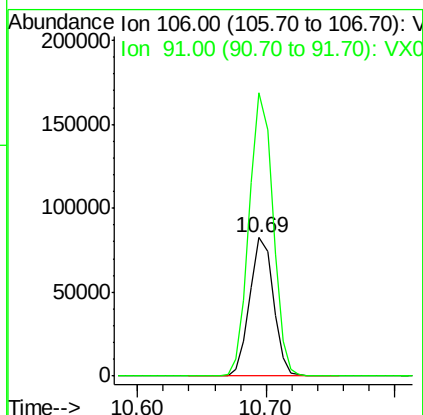
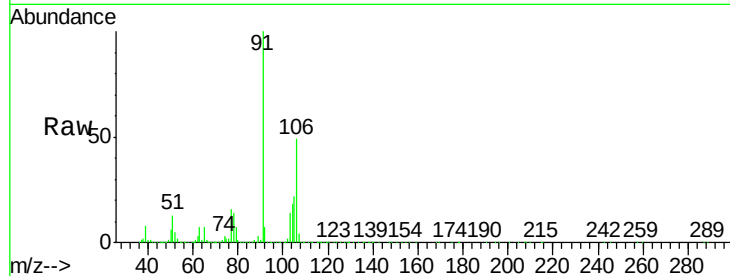




#69
o-Xylene
Concen: 18.453 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

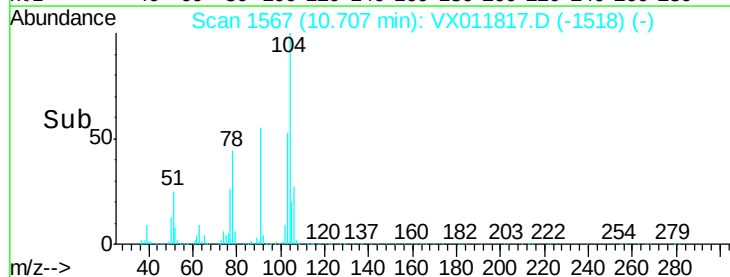
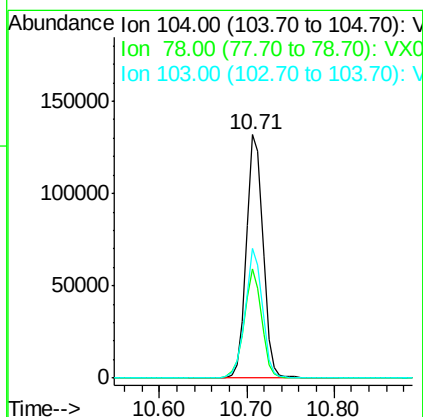
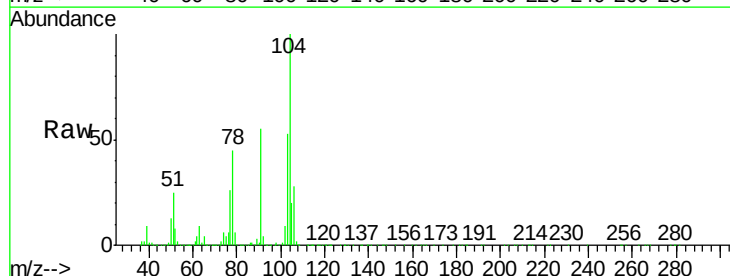
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

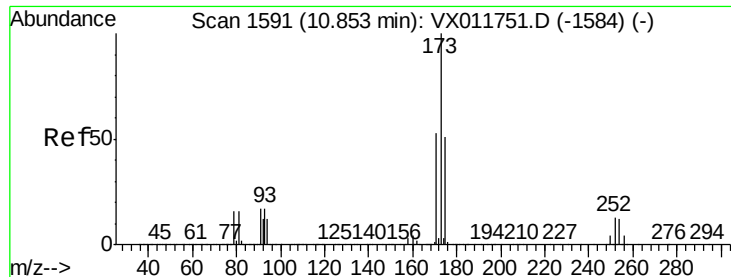
Tot Ion:106 Resp: 104775
Ion Ratio Lower Upper
106 100
91 204.8 105.0 314.9



#70
Styrene
Concen: 18.292 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Tgt Ion:104 Resp: 173746
Ion Ratio Lower Upper
104 100
78 47.0 39.2 58.8
103 55.5 44.5 66.7





#71

Bromoform

Concen: 17.947 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

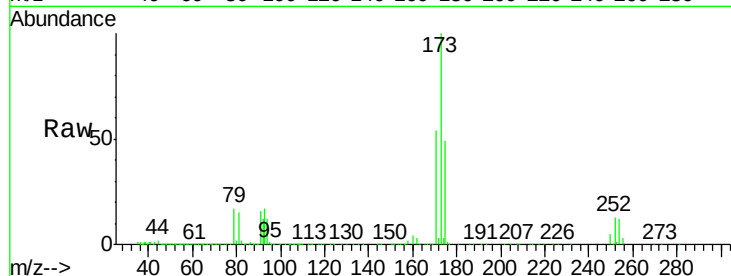
Tot Ion:173 Resp: 52062

Ion Ratio Lower Upper

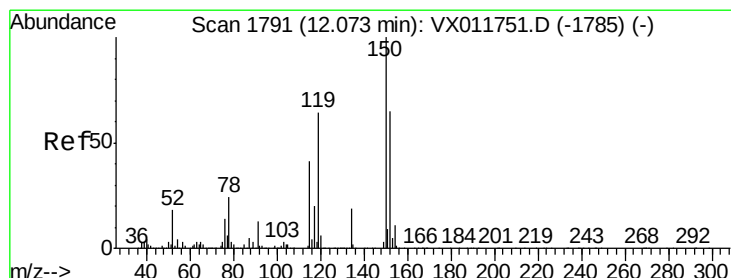
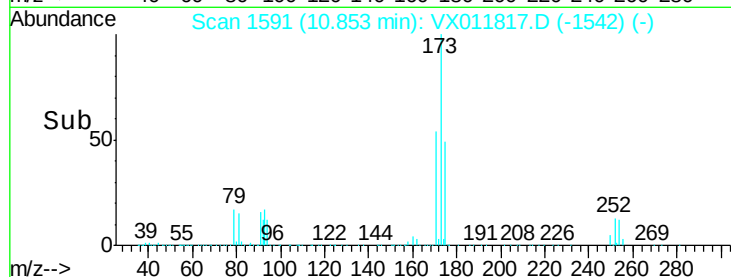
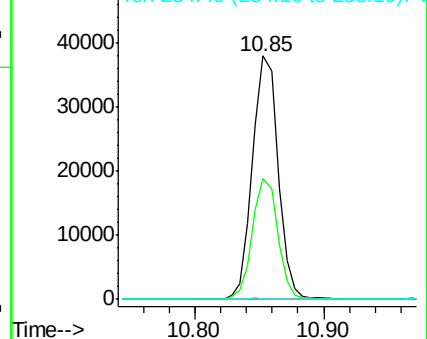
173 100

175 49.5 25.1 75.3

254 0.2 0.2 0.4#



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: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

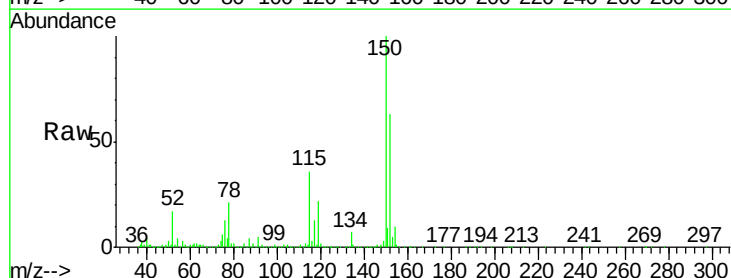
Tgt Ion:152 Resp: 250578

Ion Ratio Lower Upper

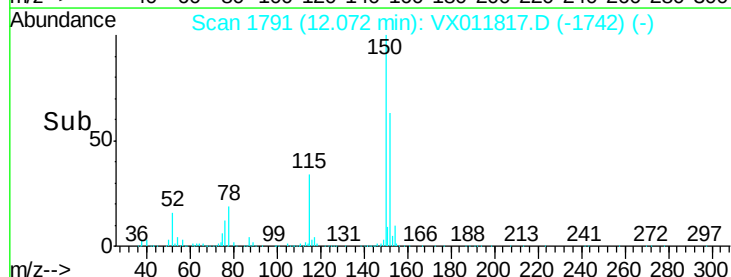
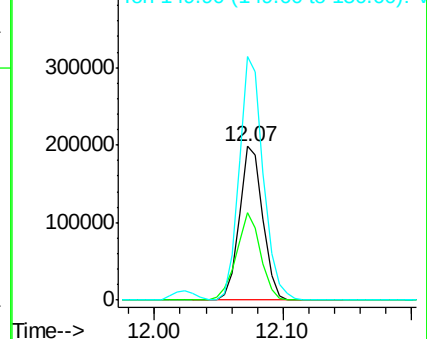
152 100

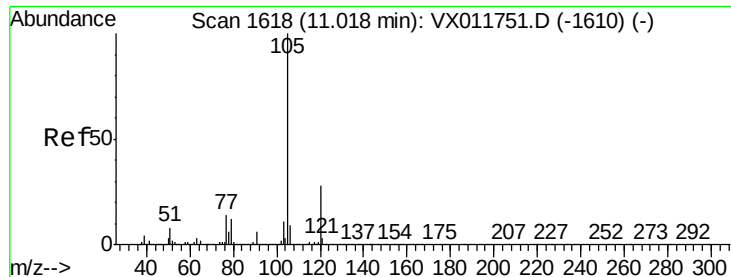
115 59.4 37.3 111.8

150 162.7 0.0 343.0



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: 17.869 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

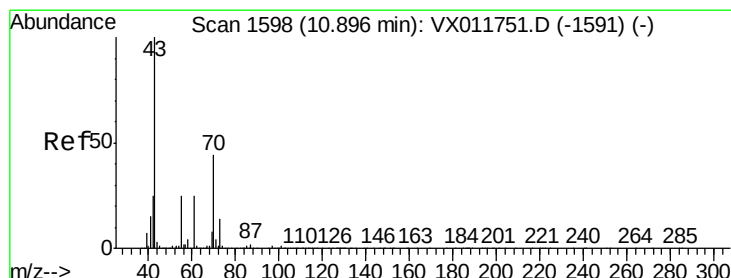
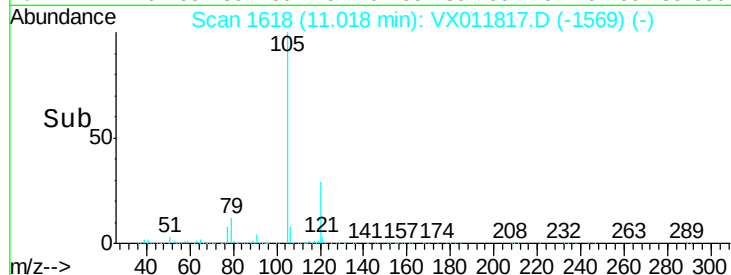
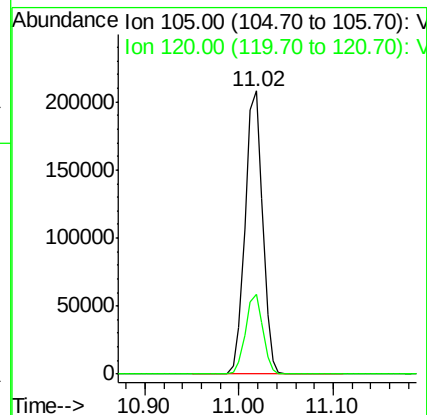
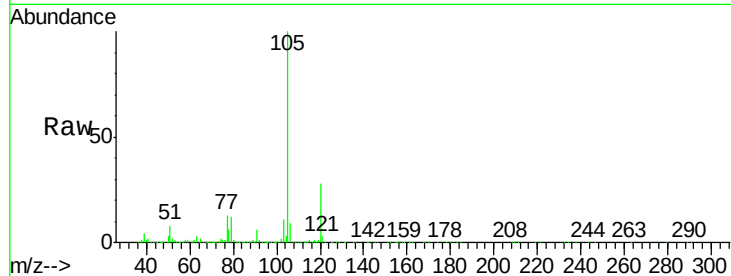
VX0824WBSD01

Tot Ion:105 Resp: 269833

Ion Ratio Lower Upper

105 100

120 28.0 13.9 41.7



#74

N-ethyl acetate

Concen: 18.492 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Tgt Ion: 43 Resp: 108111

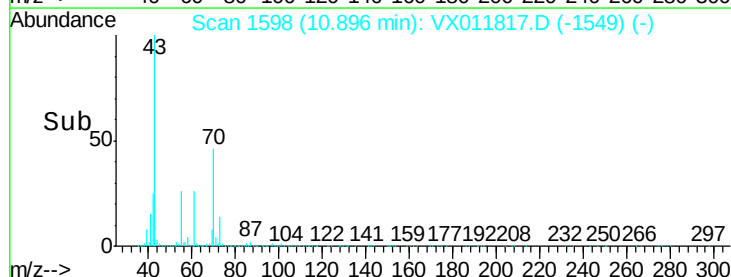
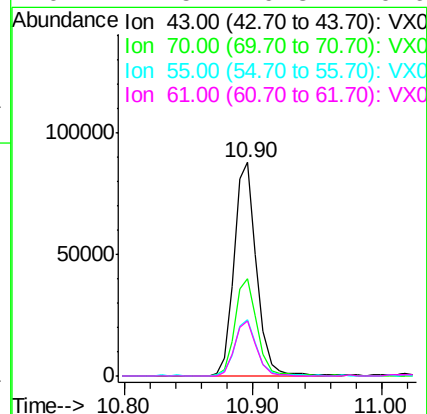
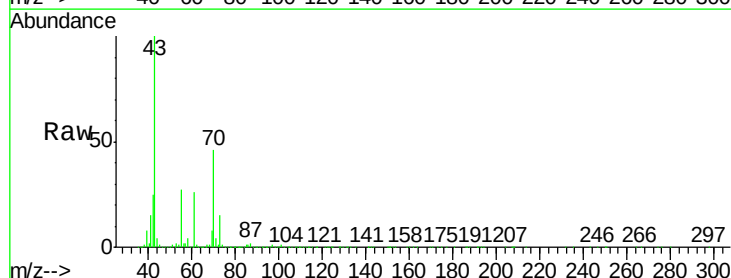
Ion Ratio Lower Upper

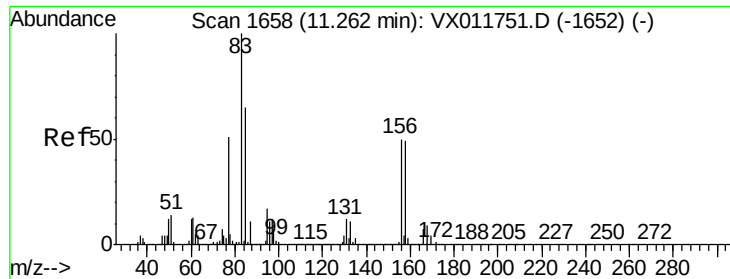
43 100

70 44.6 34.8 52.2

55 25.6 19.5 29.3

61 24.5 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.531 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

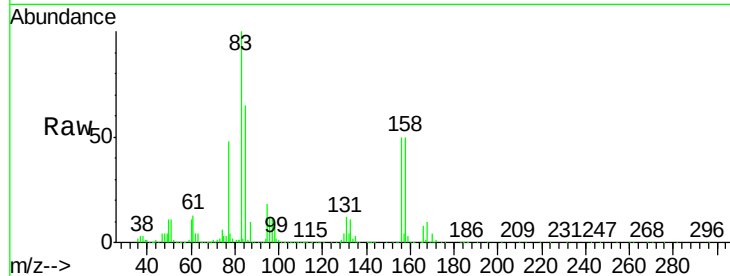
Tot Ion: 83 Resp: 92625

Ion Ratio Lower Upper

83 100

131 12.2 6.1 18.3

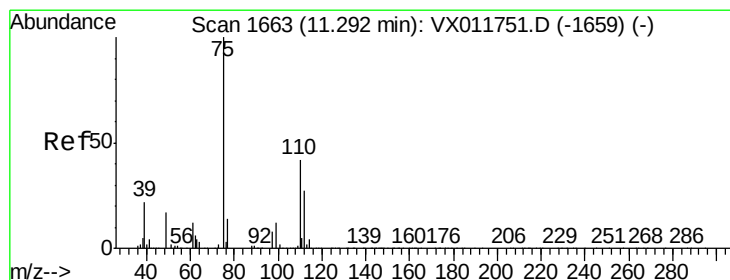
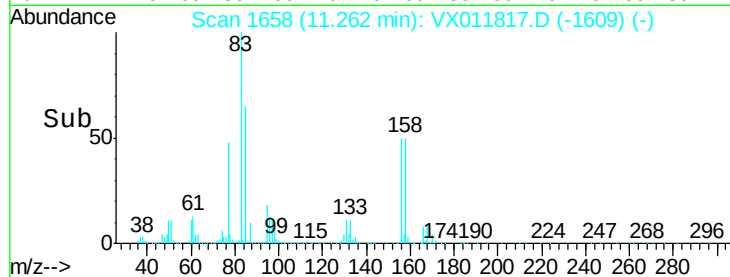
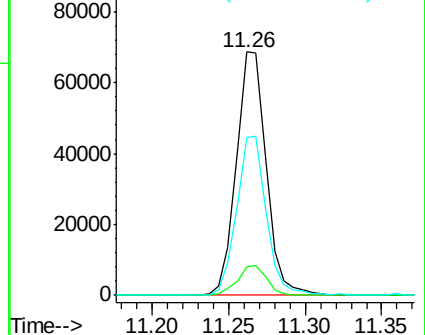
85 65.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 18.259 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011817.D

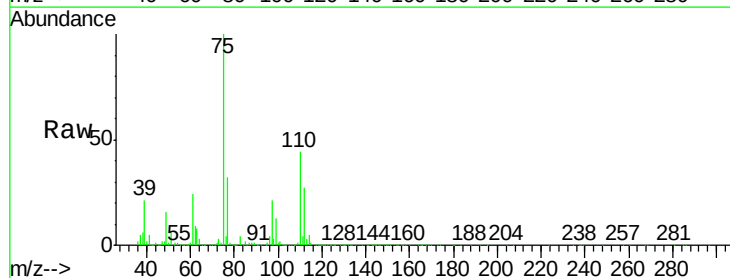
Acq: 24 Aug 2019 14:42

Tgt Ion: 75 Resp: 80284

Ion Ratio Lower Upper

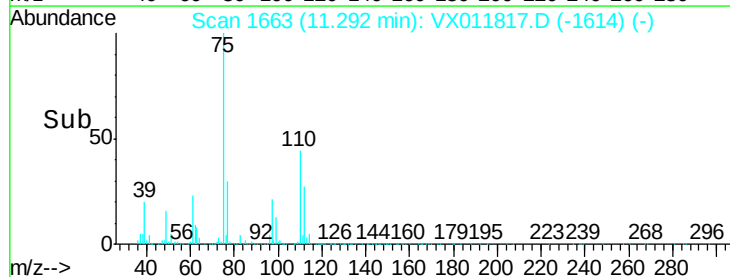
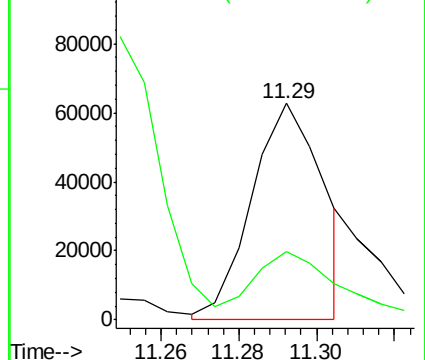
75 100

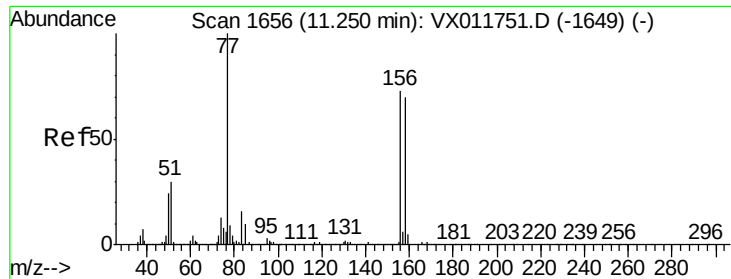
77 37.9 21.1 63.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.877 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

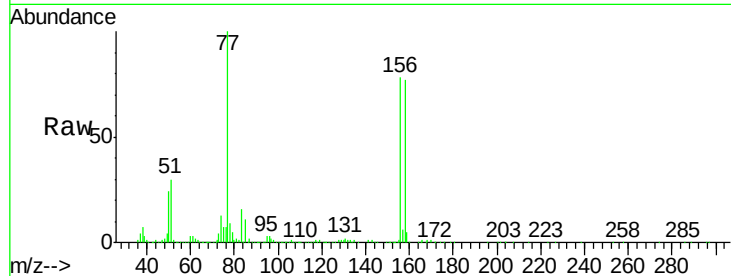
Tot Ion:156 Resp: 84036

Ion Ratio Lower Upper

156 100

77 124.9 65.3 196.0

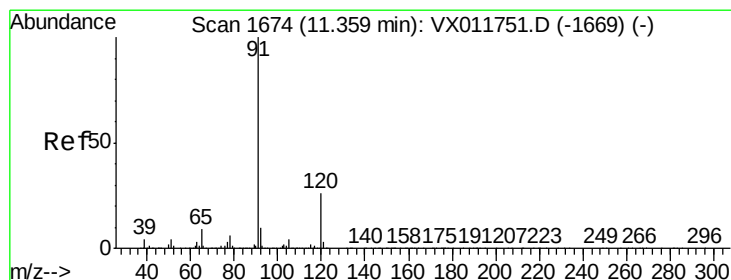
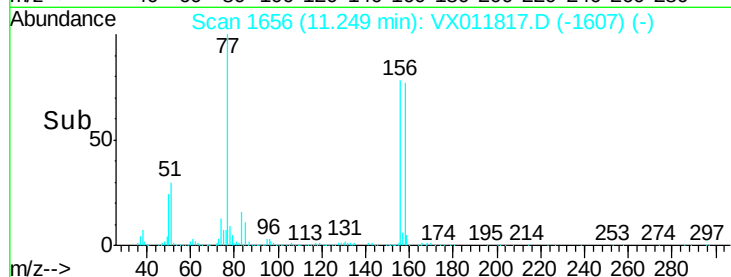
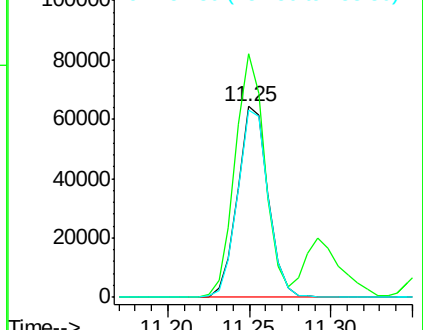
158 98.7 48.4 145.0



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: 18.021 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011817.D

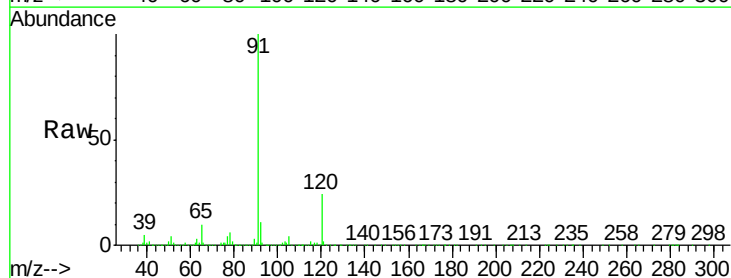
Acq: 24 Aug 2019 14:42

Tgt Ion: 91 Resp: 290991

Ion Ratio Lower Upper

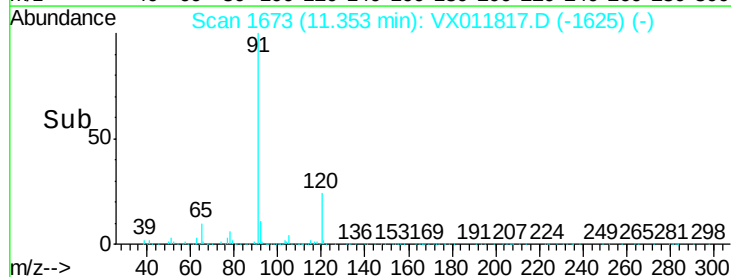
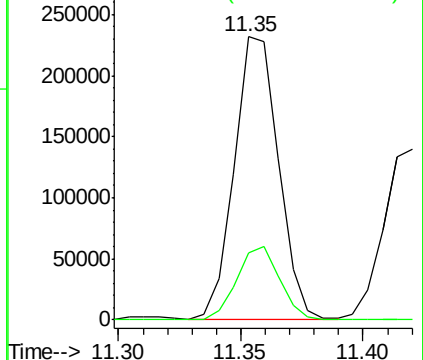
91 100

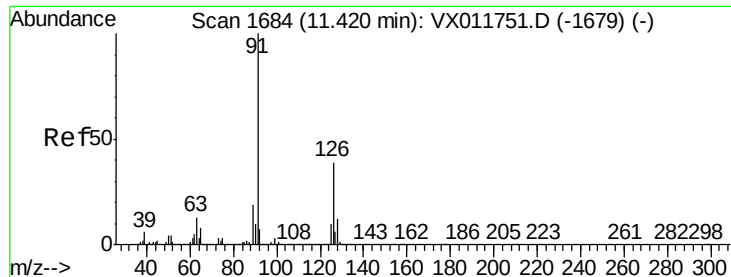
120 25.5 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.004 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

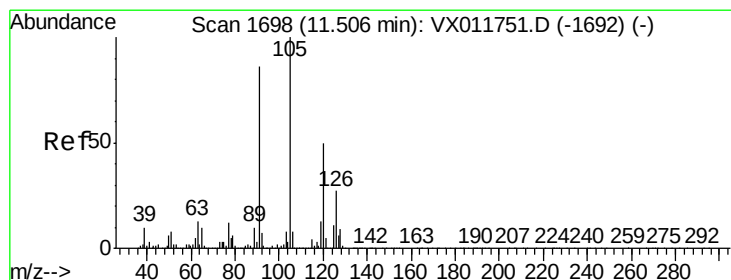
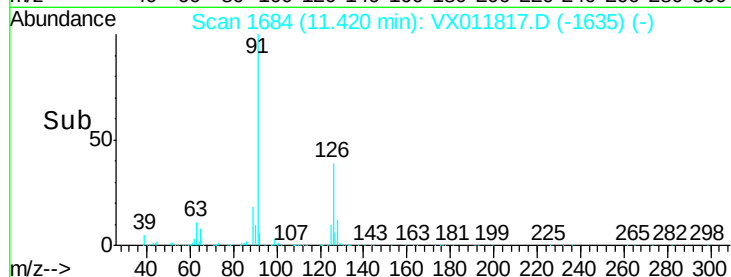
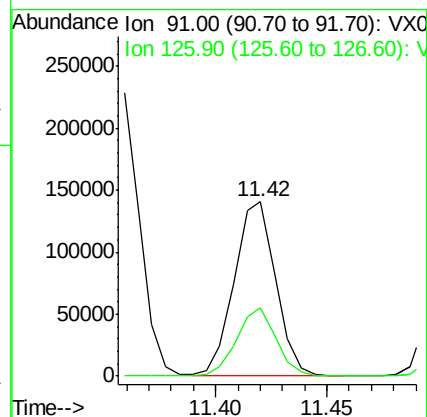
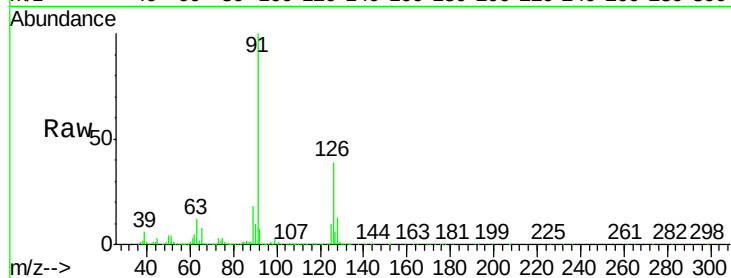
VX0824WBSD01

Tot Ion: 91 Resp: 180861

Ion Ratio Lower Upper

91 100

126 37.5 18.6 55.6



#80

1,3,5-Trimethylbenzene

Concen: 18.350 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011817.D

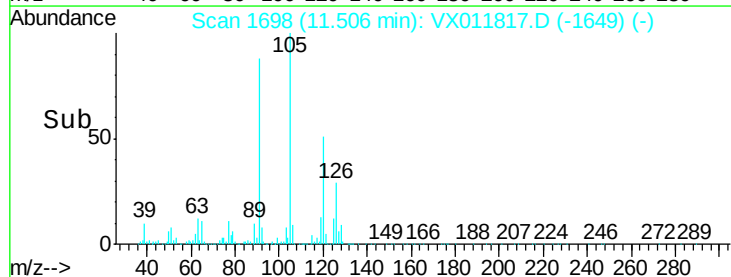
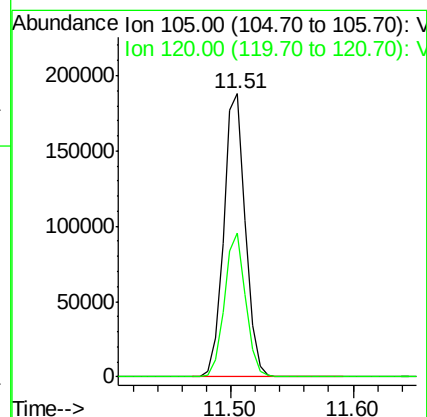
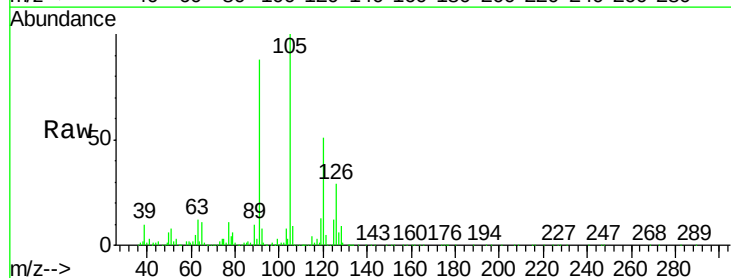
Acq: 24 Aug 2019 14:42

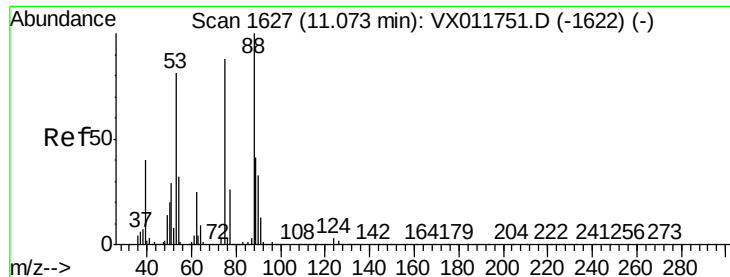
Tgt Ion: 105 Resp: 231197

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 12.833 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

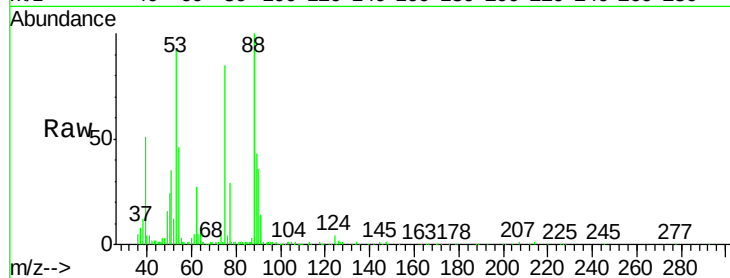
Tot Ion: 75 Resp: 18710

Ion Ratio Lower Upper

75 100

53 109.3 77.1 115.7

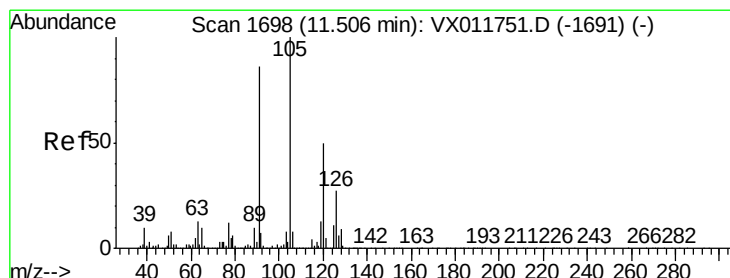
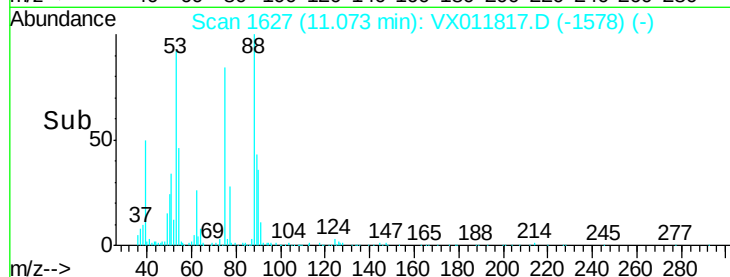
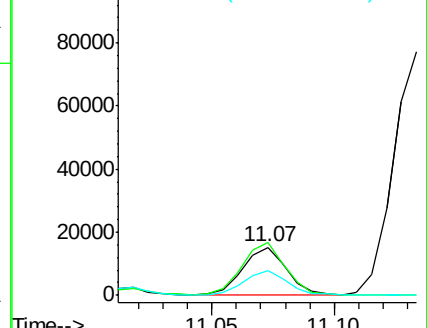
89 52.2 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.874 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011817.D

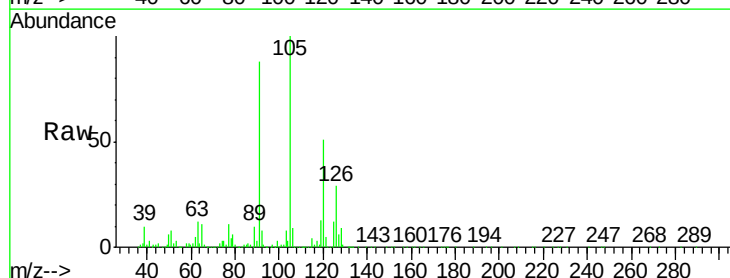
Acq: 24 Aug 2019 14:42

Tgt Ion: 91 Resp: 206968

Ion Ratio Lower Upper

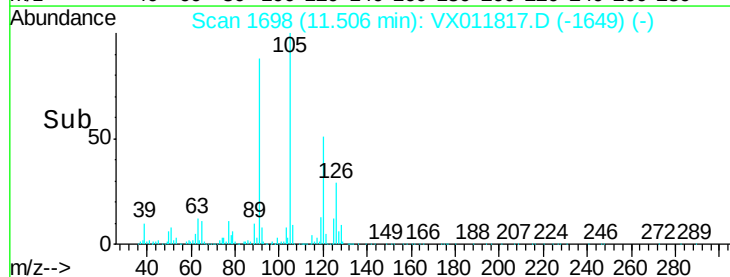
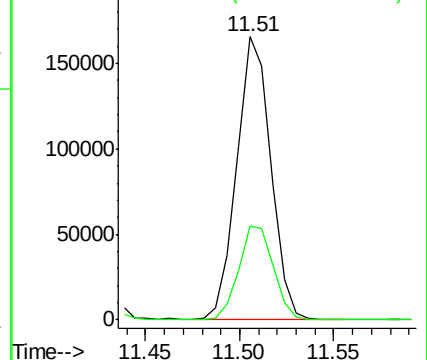
91 100

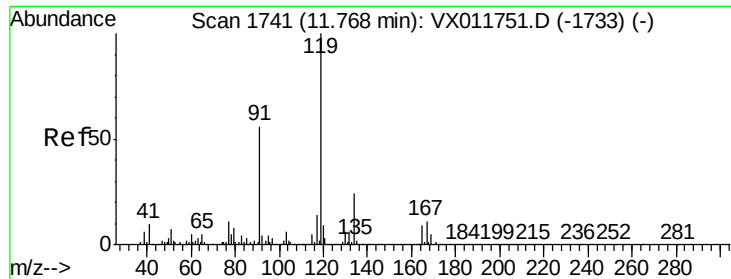
126 33.9 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

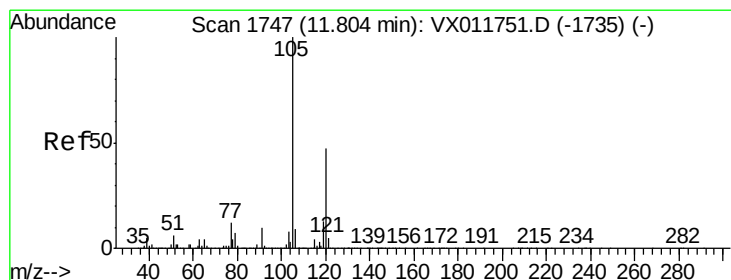
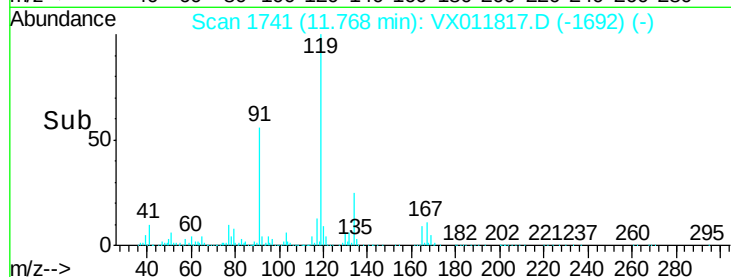
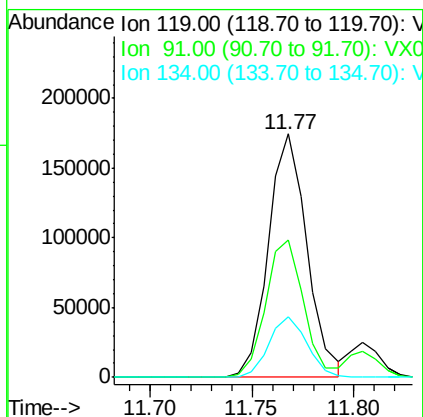
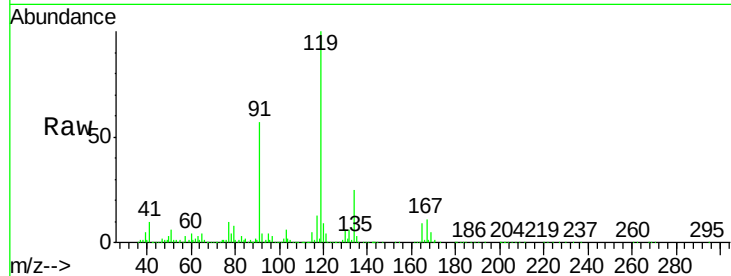




#83
 tert-Butylbenzene
 Concen: 18.489 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

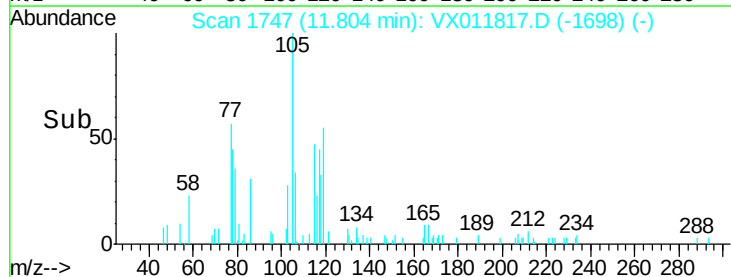
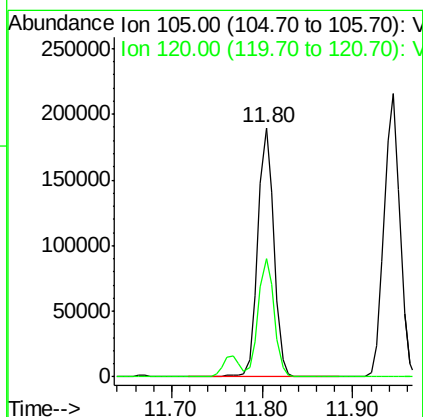
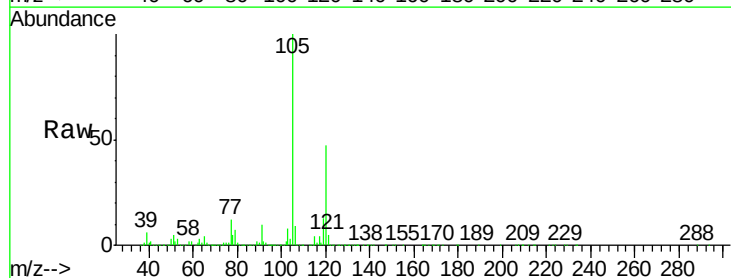
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

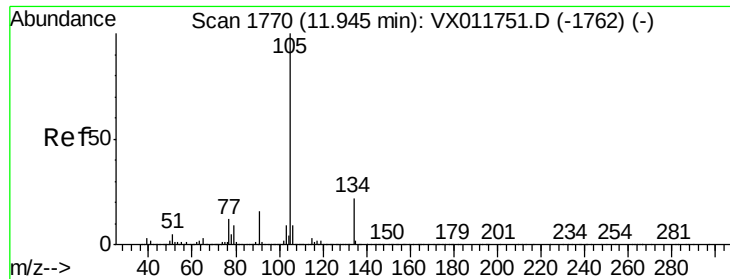
Tot Ion:119 Resp: 229833
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.7 83.1
 134 24.6 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.262 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

Tgt Ion:105 Resp: 232348
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.7 71.1





#85

sec-Butylbenzene

Concen: 18.373 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

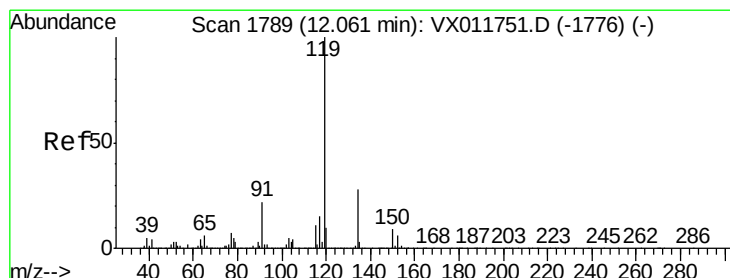
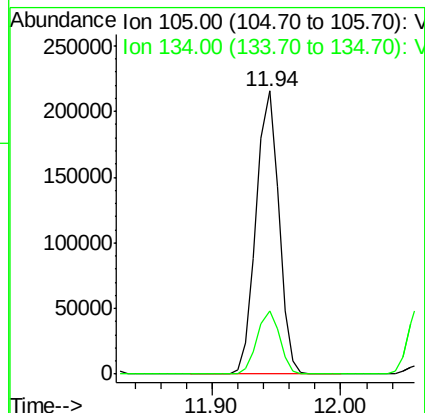
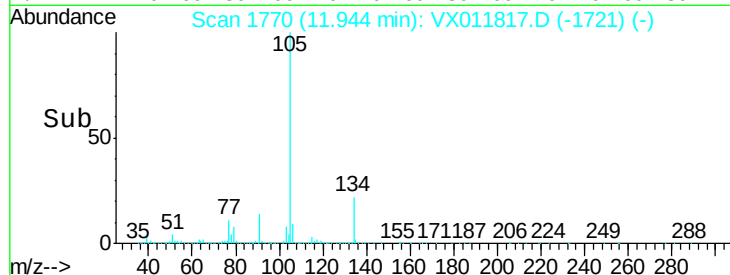
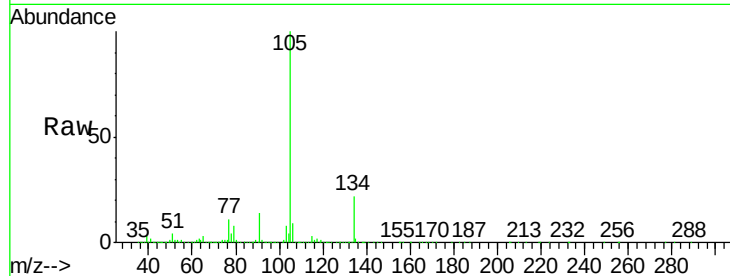
VX0824WBSD01

Tot Ion:105 Resp: 261251

Ion Ratio Lower Upper

105 100

134 22.3 10.8 32.3



#86

p-Isopropyltoluene

Concen: 17.852 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

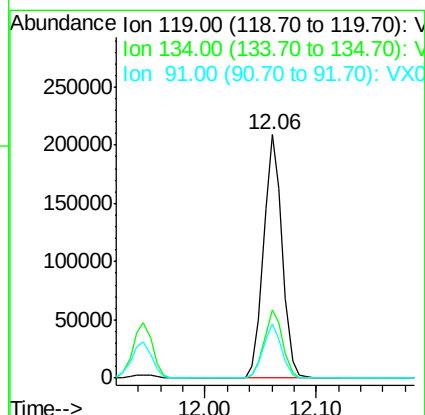
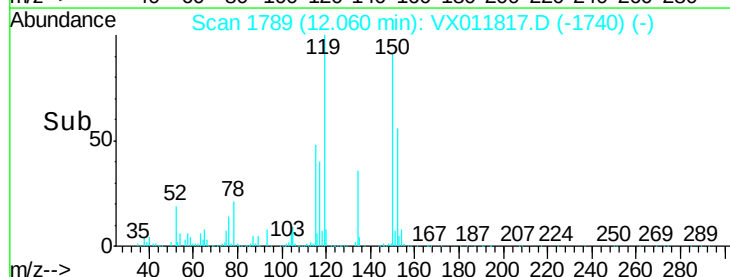
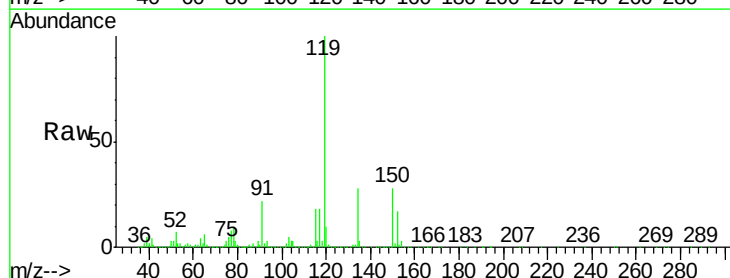
Tgt Ion:119 Resp: 244239

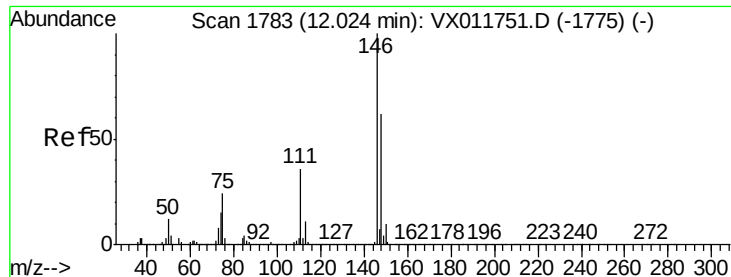
Ion Ratio Lower Upper

119 100

134 27.9 13.7 41.0

91 22.1 11.1 33.3

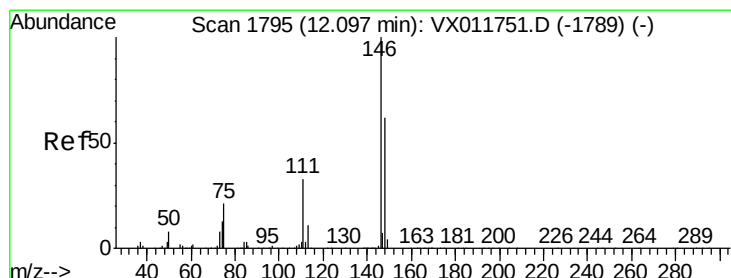
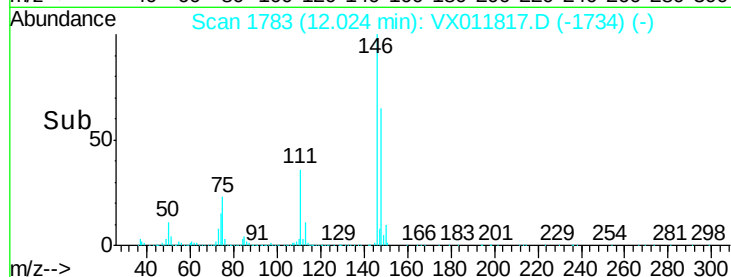
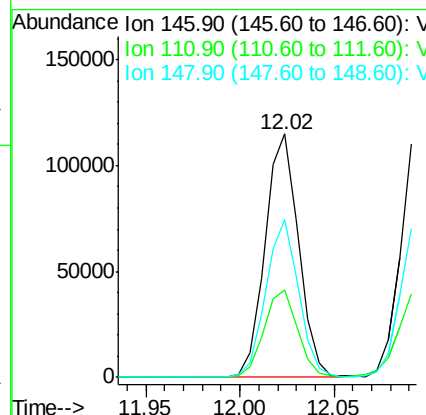
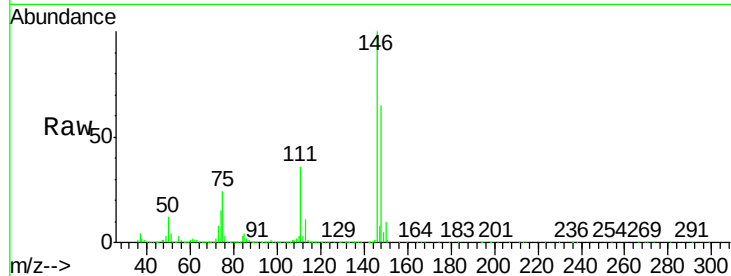




#87
 1,3-Dichlorobenzene
 Concen: 18.436 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

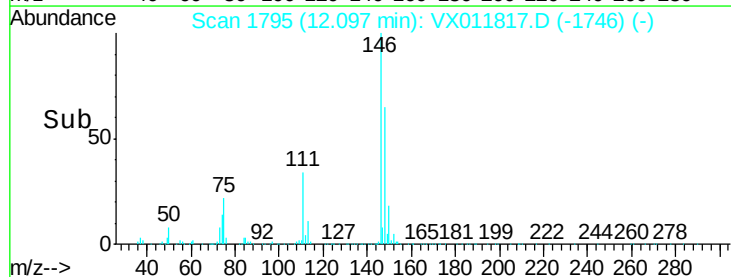
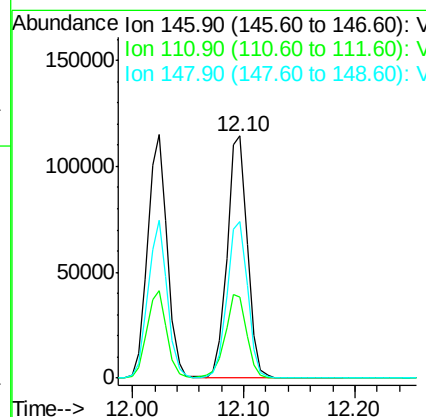
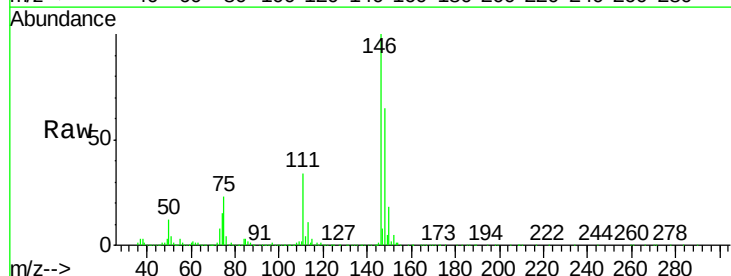
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

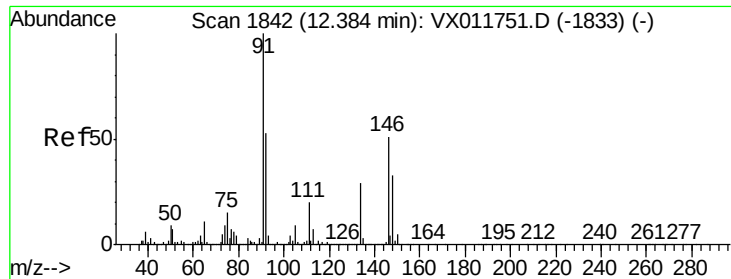
Tot Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.4
148	63.5	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 18.548 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	17.8	53.4
148	65.7	31.9	95.7

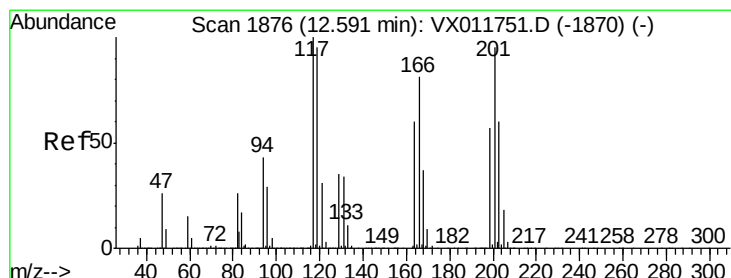
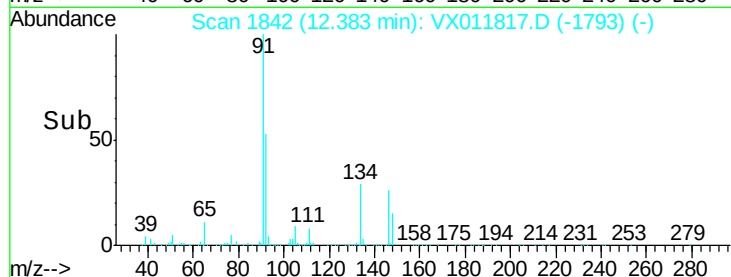
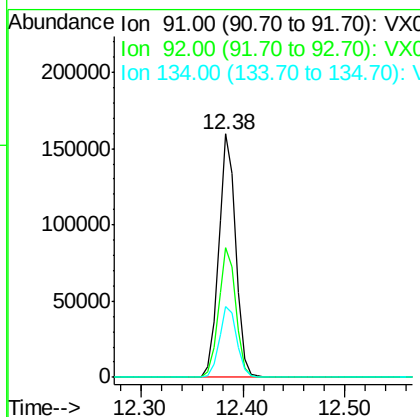
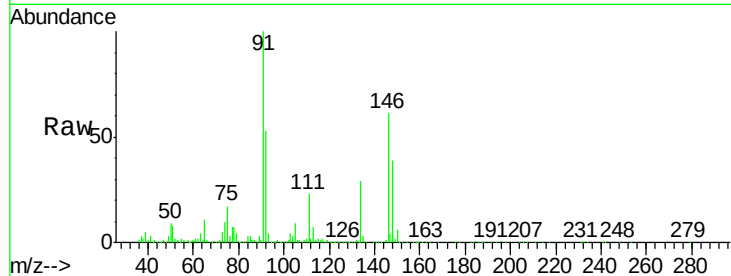




#89
n-Butylbenzene
Concen: 16.561 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

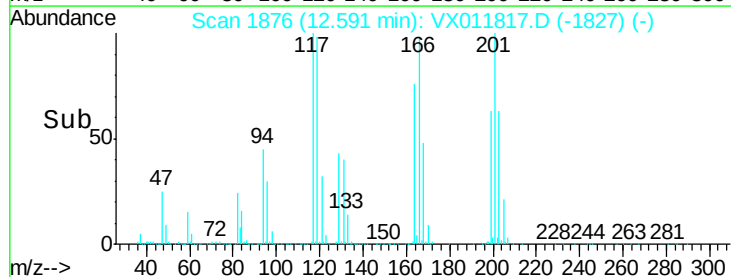
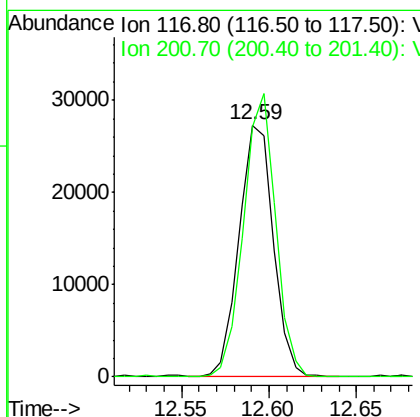
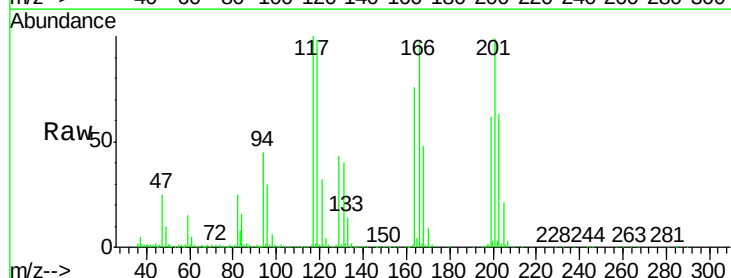
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

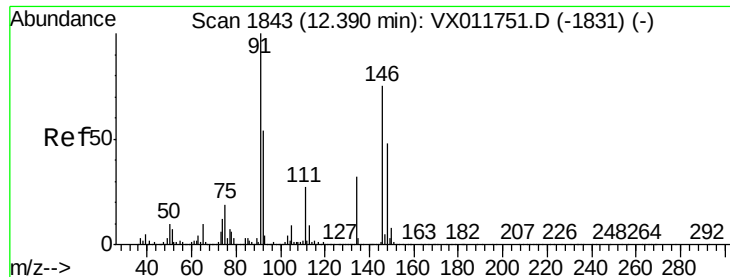
Tot Ion: 91 Resp: 187561
Ion Ratio Lower Upper
91 100
92 53.7 26.7 80.0
134 29.9 14.6 43.8



#90
Hexachloroethane
Concen: 17.451 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Tgt Ion: 117 Resp: 37092
Ion Ratio Lower Upper
117 100
201 105.6 49.6 149.0





#91

1,2-Dichlorobenzene

Concen: 18.685 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

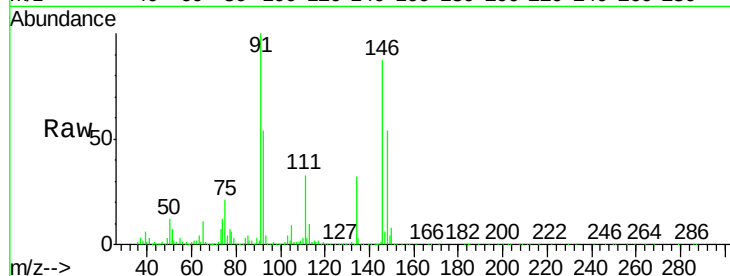
Tot Ion:146 Resp: 144477

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.4

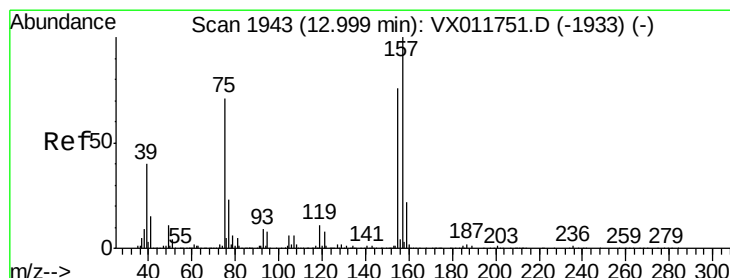
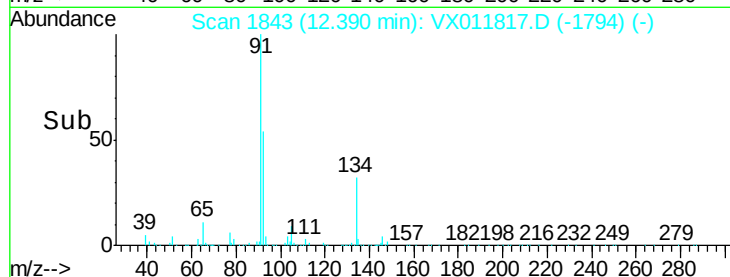
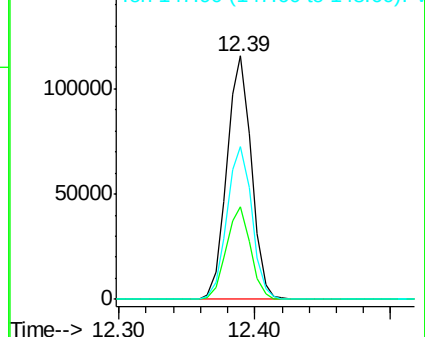
148 63.8 31.6 95.0



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: 18.016 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

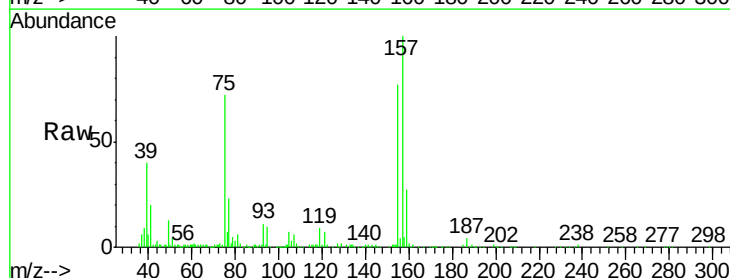
Tgt Ion: 75 Resp: 20932

Ion Ratio Lower Upper

75 100

155 107.0 52.6 157.9

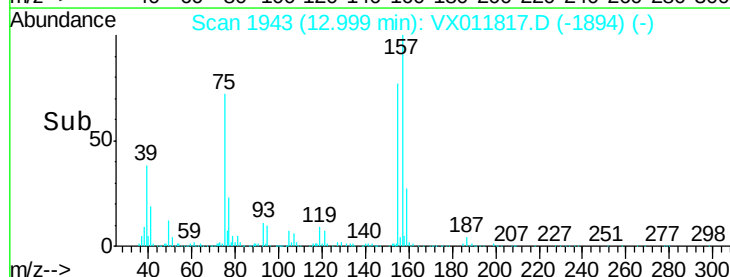
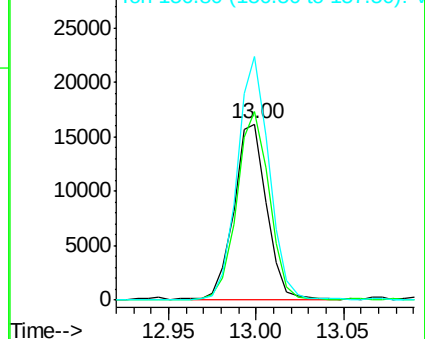
157 135.8 68.3 204.9

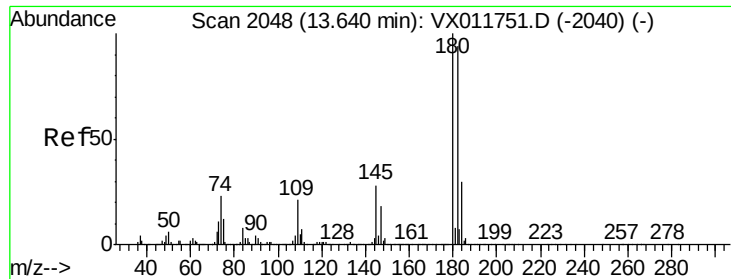


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

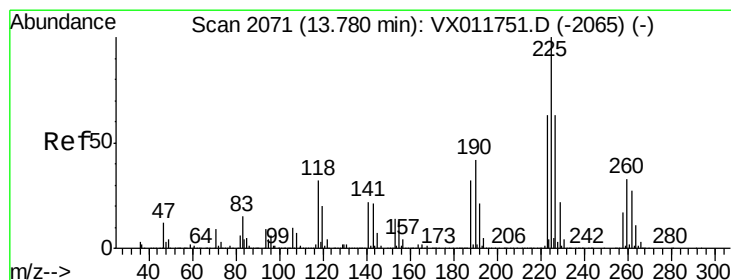
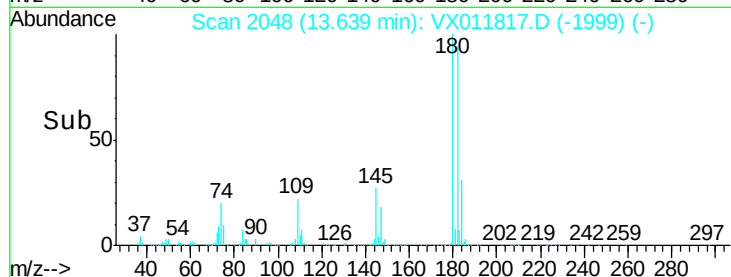
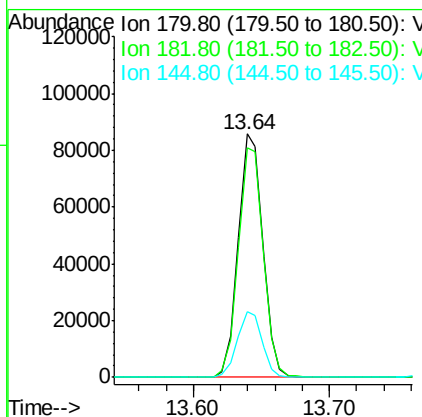
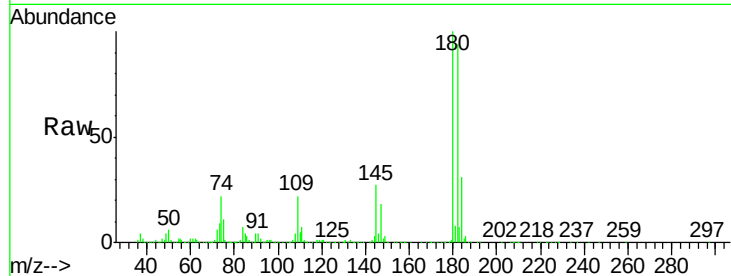




#93
 1,2,4-Trichlorobenzene
 Concen: 18.910 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

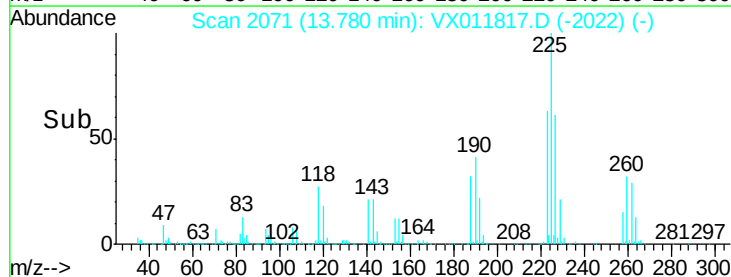
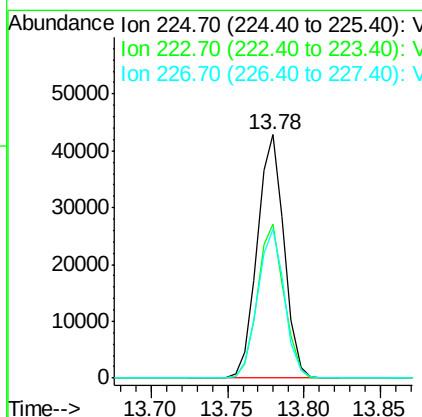
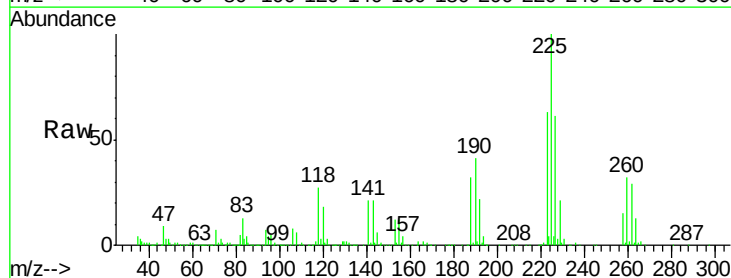
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

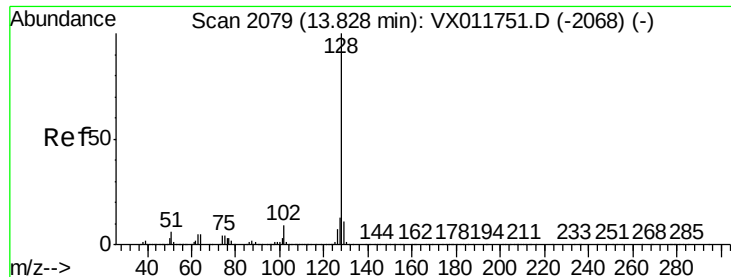
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.4
145	27.3	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 16.783 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.0	93.0
227	61.5	31.8	95.3





#95

Naphthalene

Concen: 20.688 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

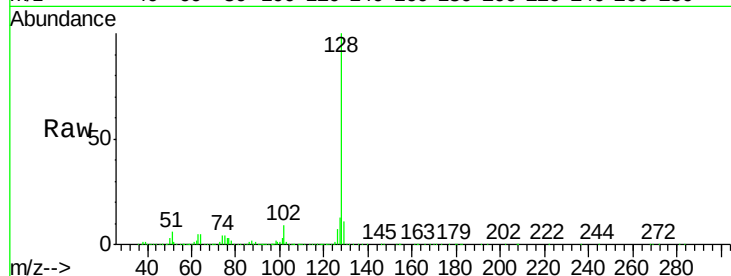
Tot Ion:128 Resp: 324080

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

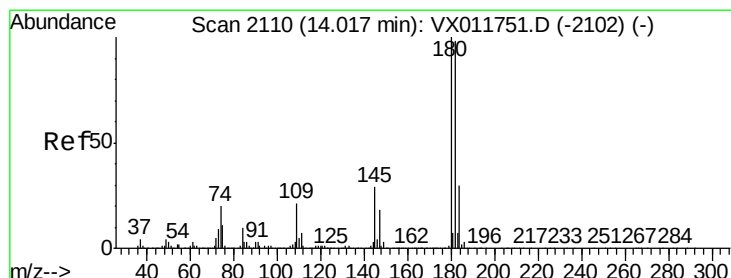
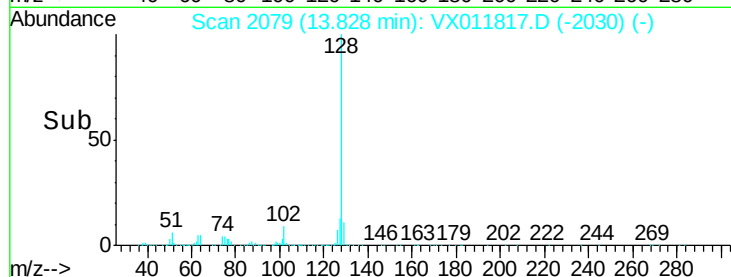
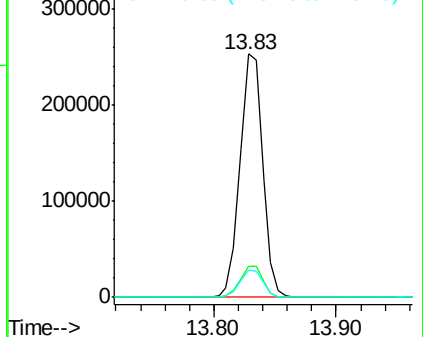
129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.592 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011817.D

Acq: 24 Aug 2019 14:42

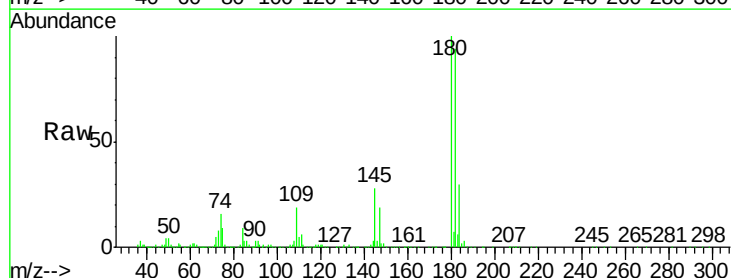
Tgt Ion:180 Resp: 111890

Ion Ratio Lower Upper

180 100

182 96.4 48.5 145.5

145 29.5 14.6 43.8



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

