

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 04:08:05 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	96866	22.031	ug/l	83
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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Quant Title : SW846 8260
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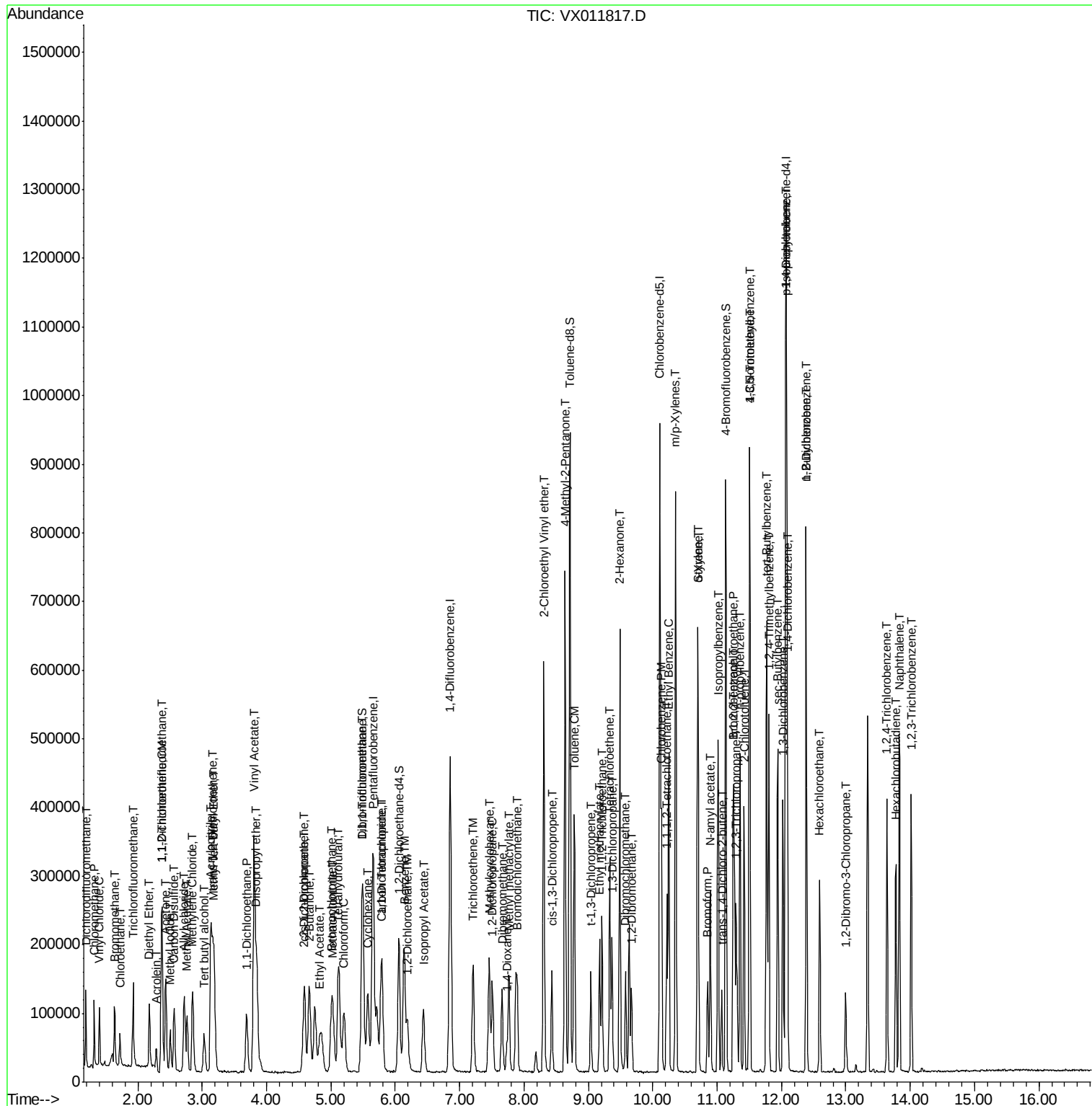
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	107553	18.910	ug/l	99
94) Hexachlorobutadiene	13.78	225	52305	16.783	ug/l	98
95) Naphthalene	13.83	128	324080	20.688	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111890	19.592	ug/l	99

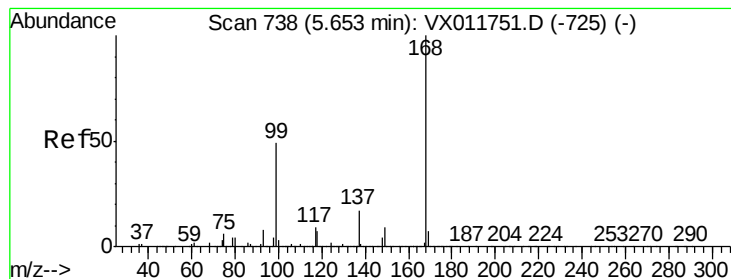
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

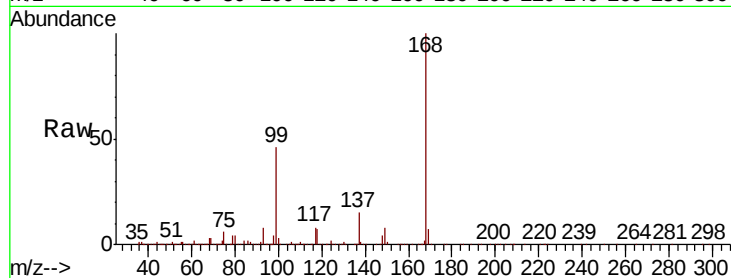
VX0824WBSD01

Tgt 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

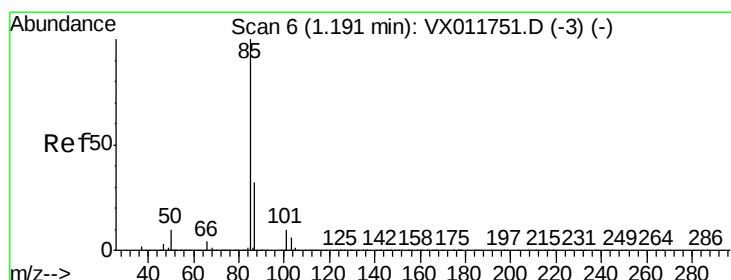
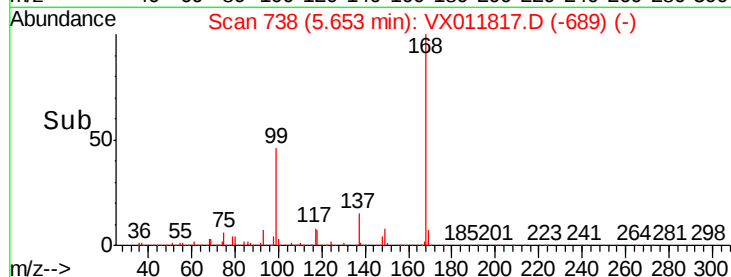
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50000

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

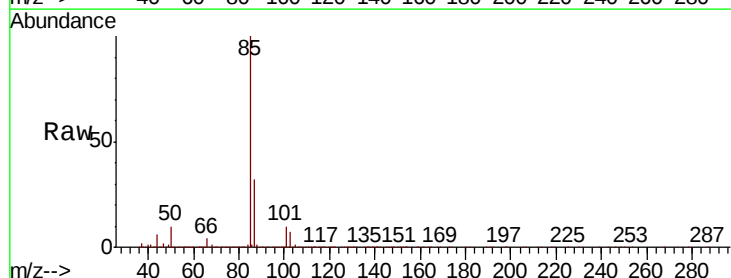
Acq: 24 Aug 2019 14:42

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

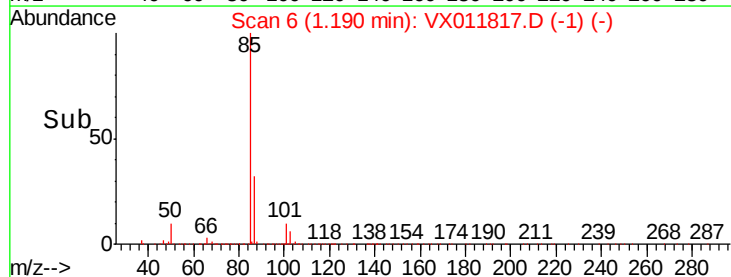
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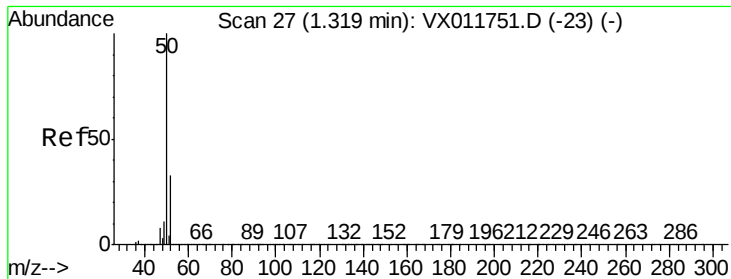
20000

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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 :

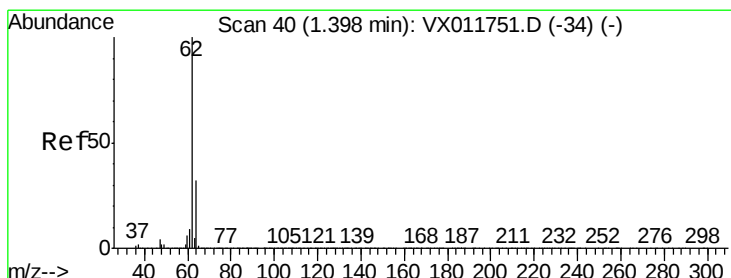
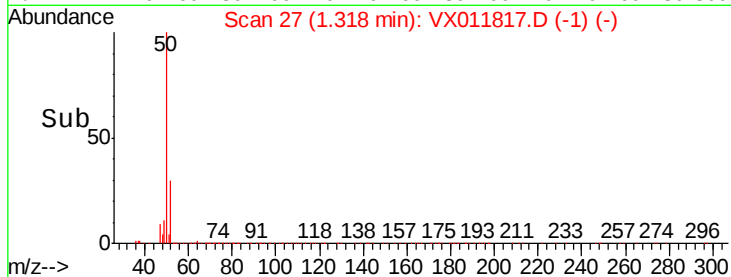
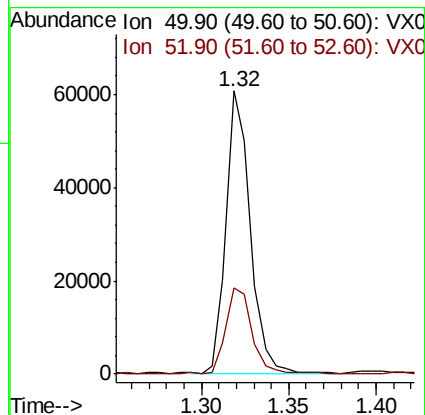
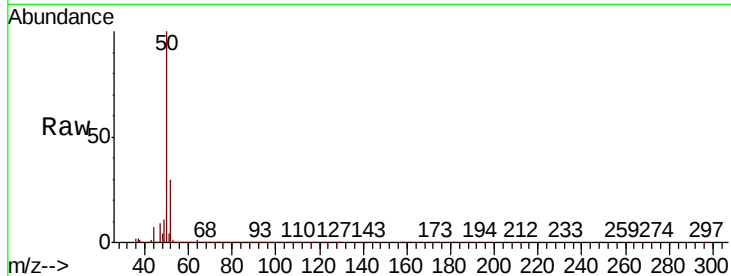
VX0824WBSD01

Tgt 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

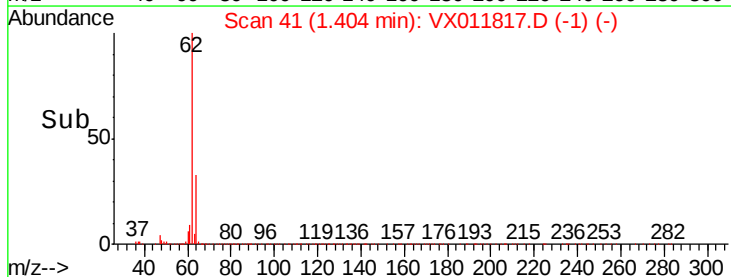
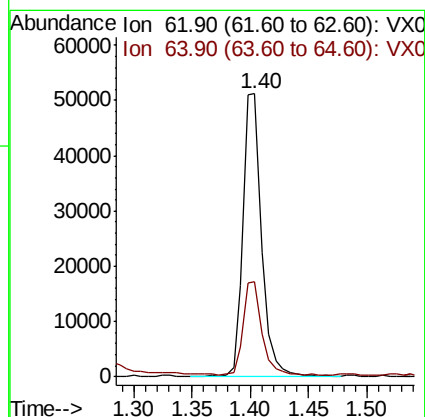
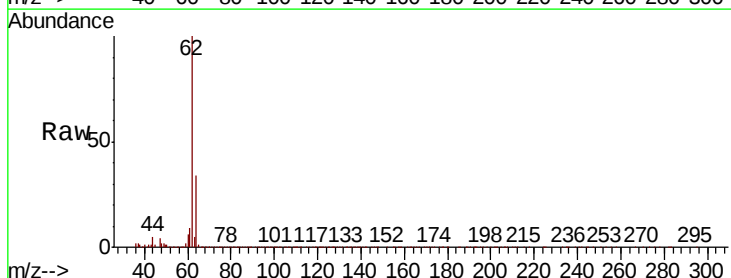
Acq: 24 Aug 2019 14:42

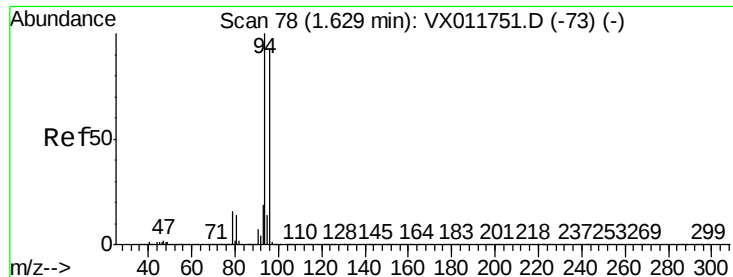
Tgt Ion: 62 Resp: 57412

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 :

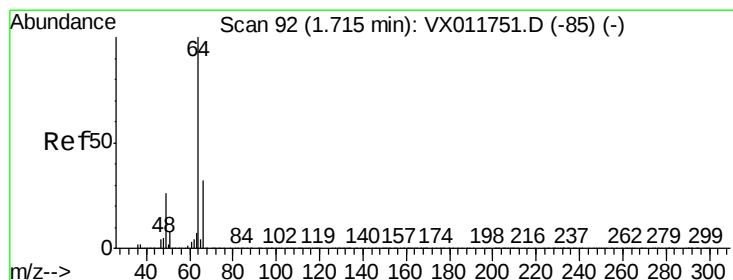
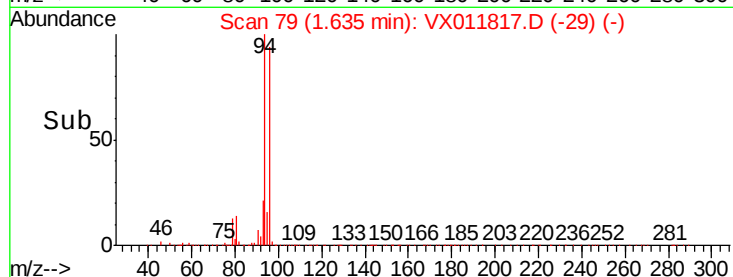
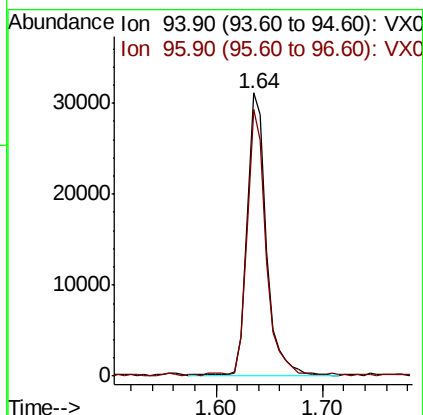
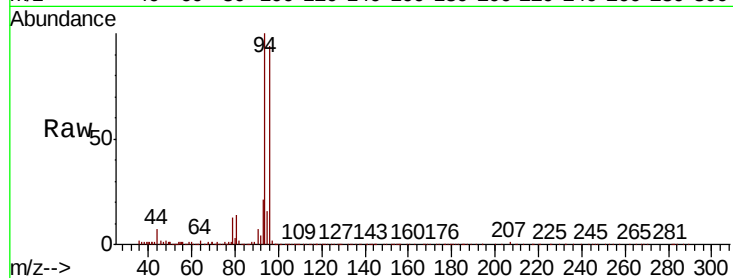
VX0824WBSD01

Tgt 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

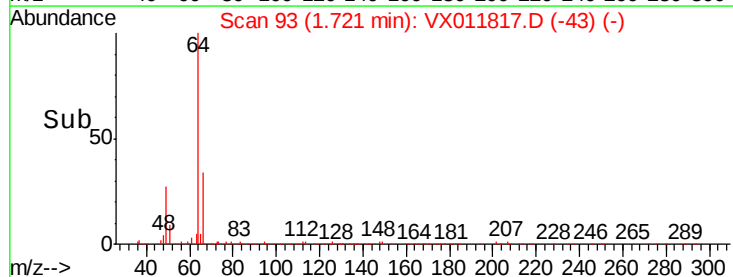
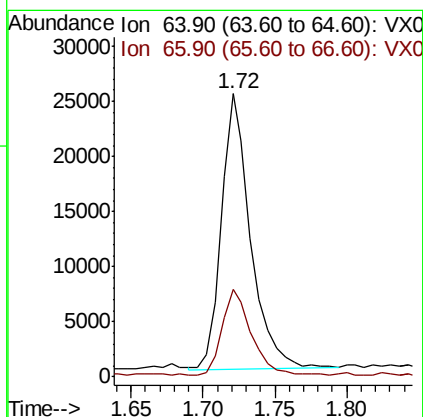
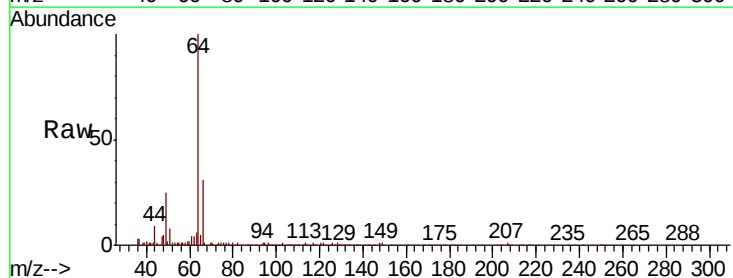
Acq: 24 Aug 2019 14:42

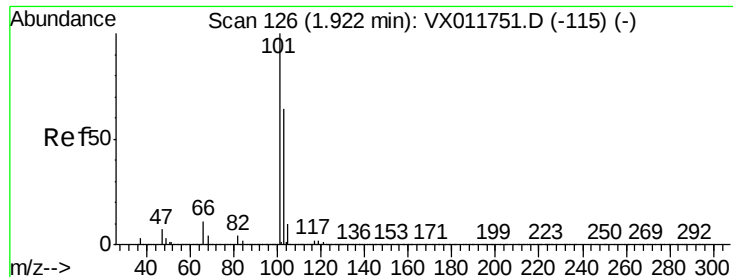
Tgt Ion: 64 Resp: 35453

Ion Ratio Lower Upper

64 100

66 31.1 24.9 37.3



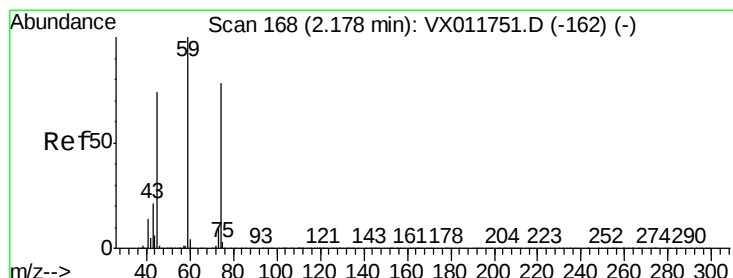
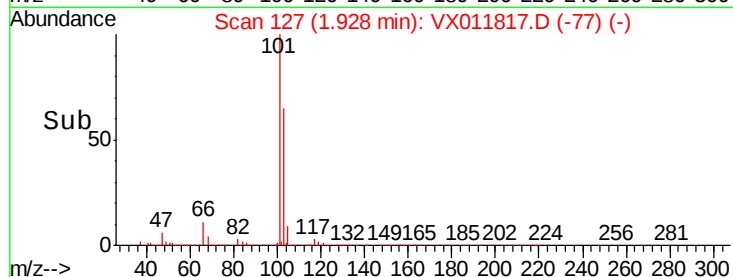
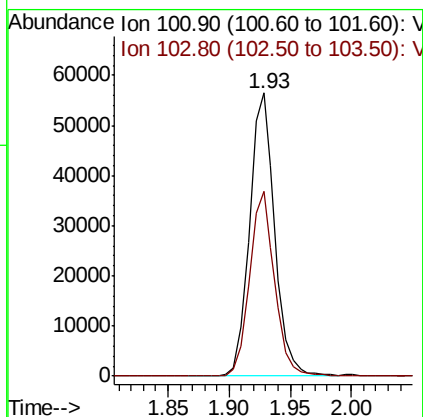
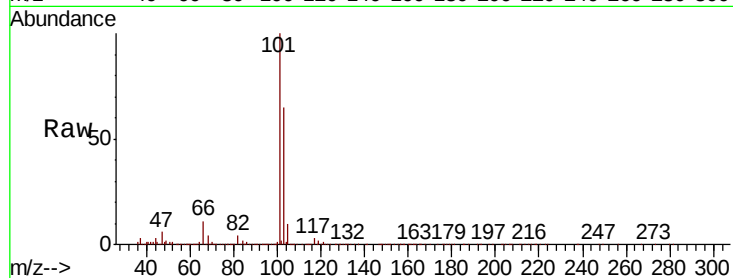


#7

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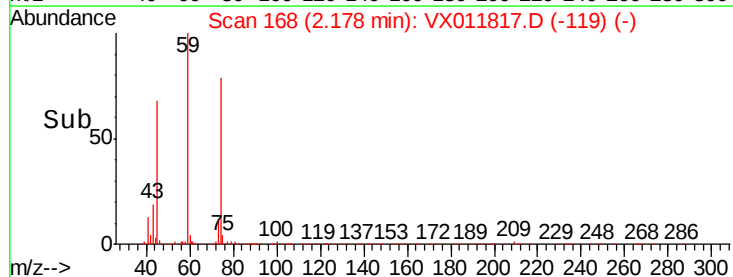
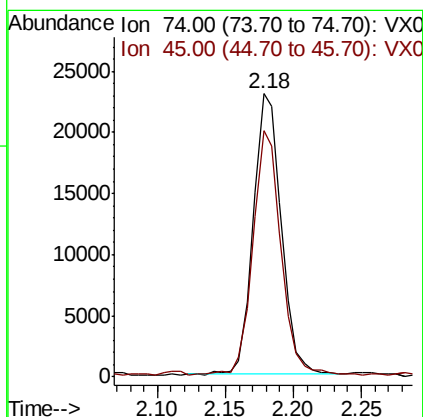
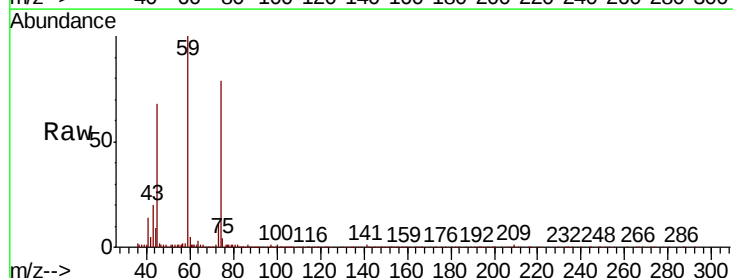
Tgt Ion:101 Resp: 80361
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.2 76.8

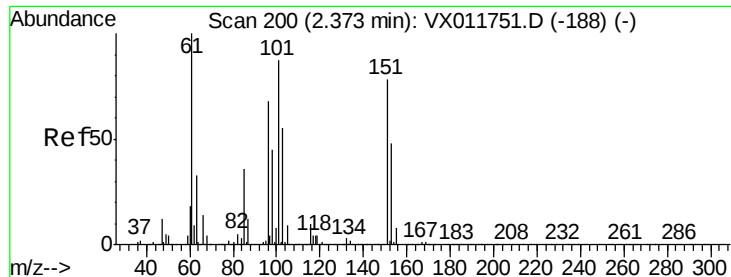


#8

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

ClientSampleId :

VX0824WBSD01

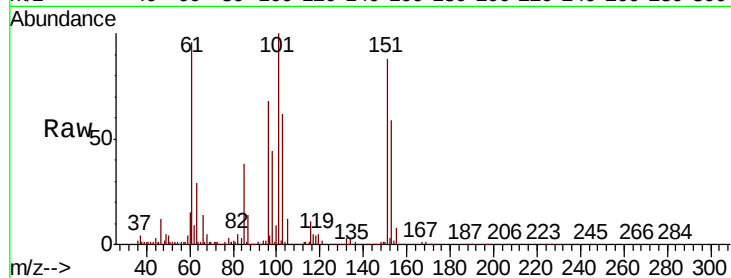
Tgt Ion:101 Resp: 49354

Ion Ratio Lower Upper

101 100

85 41.0 33.7 50.5

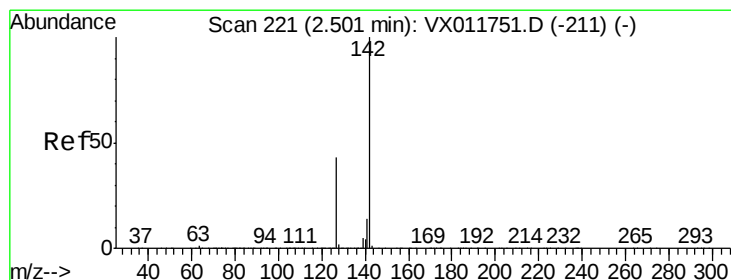
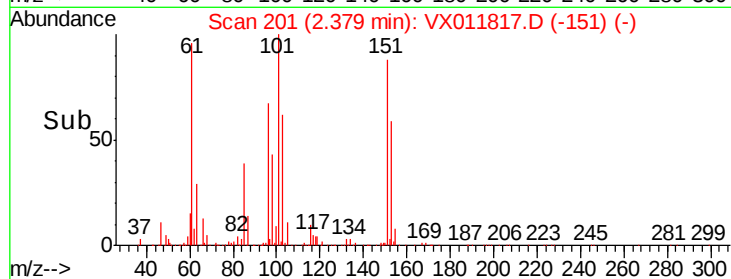
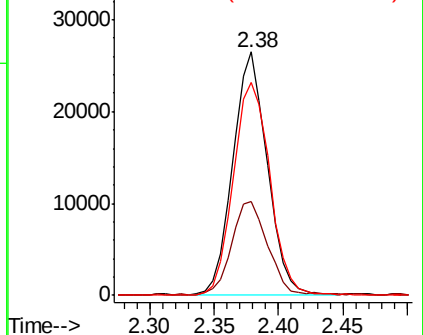
151 92.5 71.4 107.2



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

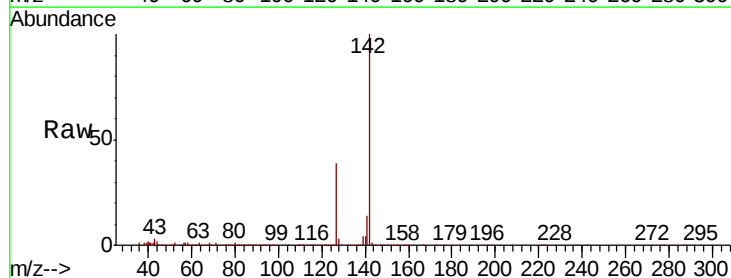
Tgt Ion:142 Resp: 63673

Ion Ratio Lower Upper

142 100

127 39.7 33.5 50.3

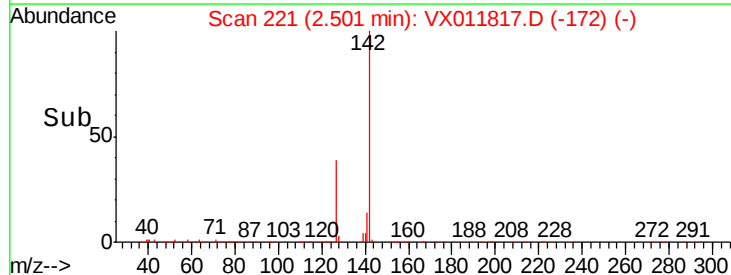
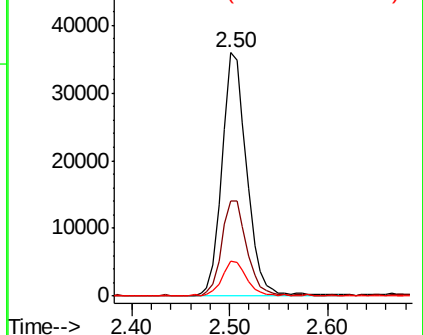
141 14.6 11.4 17.2

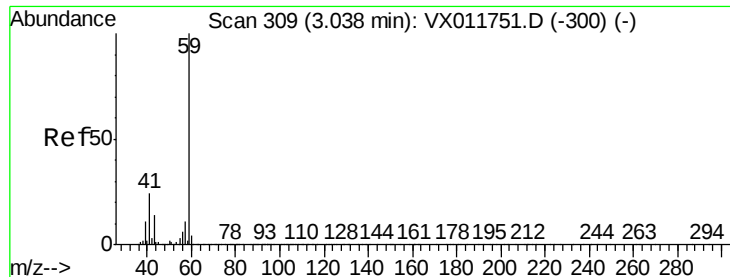


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



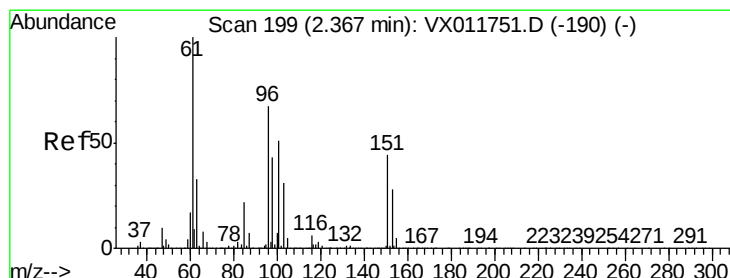
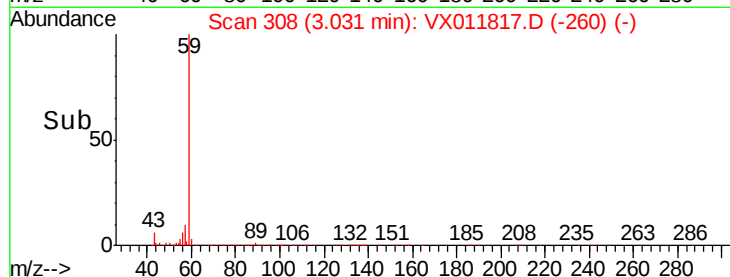
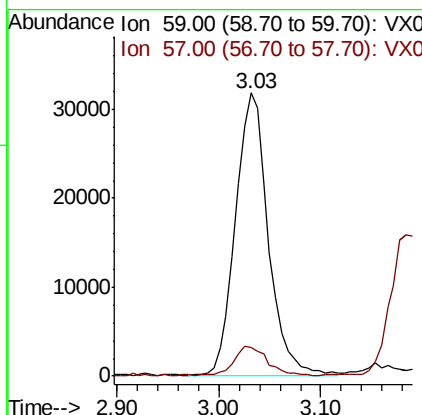
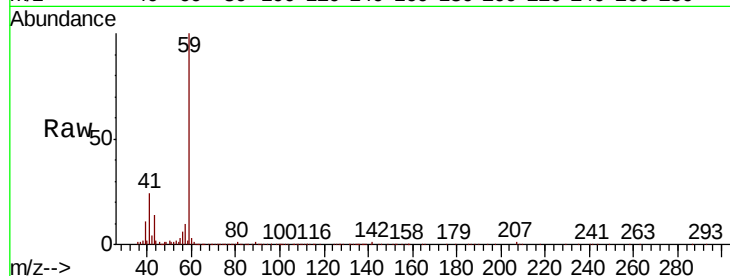


#11

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

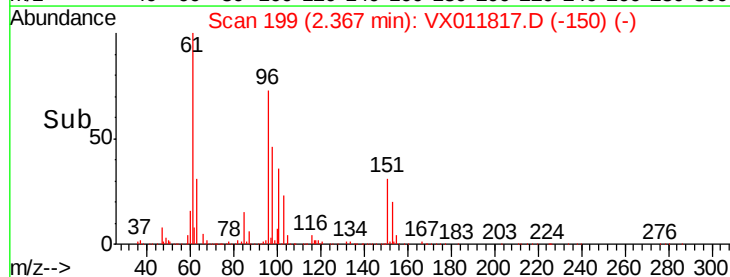
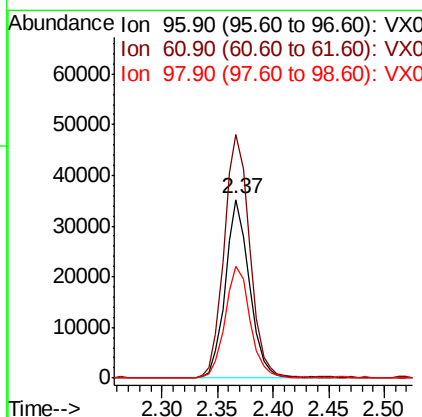
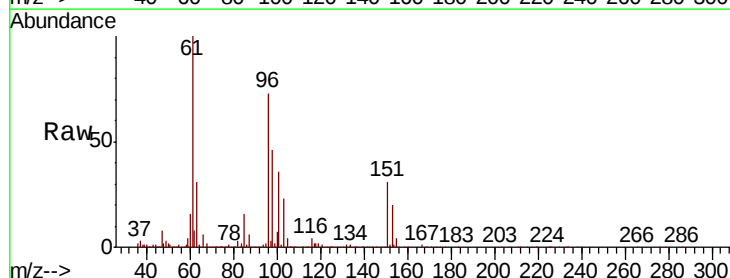
Tgt Ion: 59 Resp: 71258
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

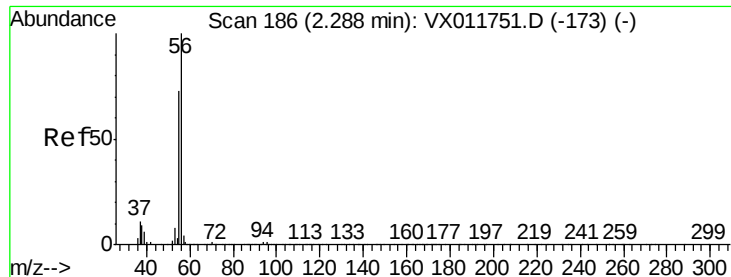


#12

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

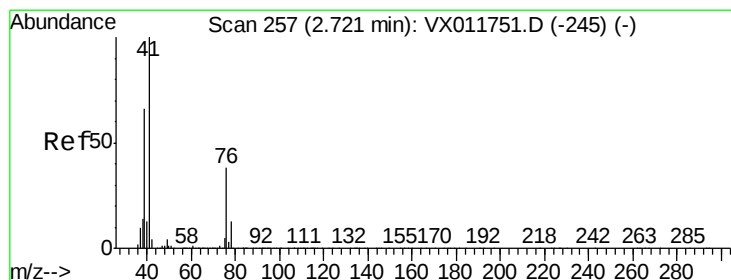
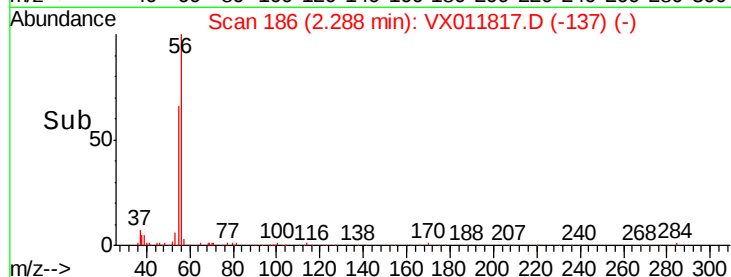
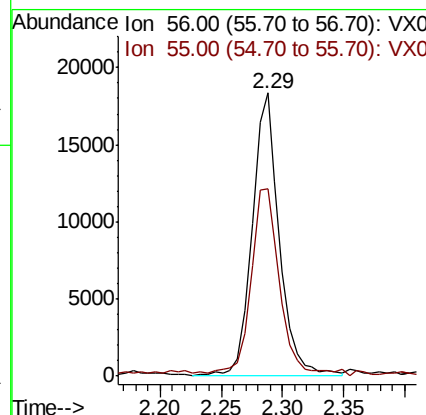
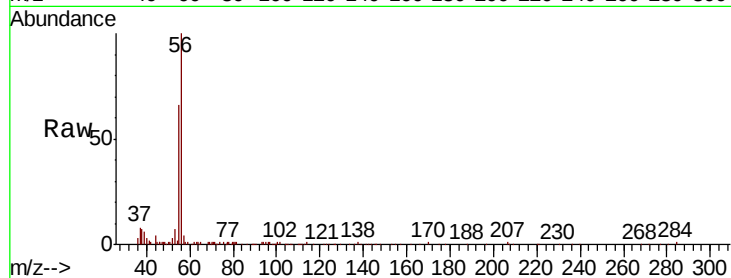




#13
Acrolein
Concen: 103.990 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

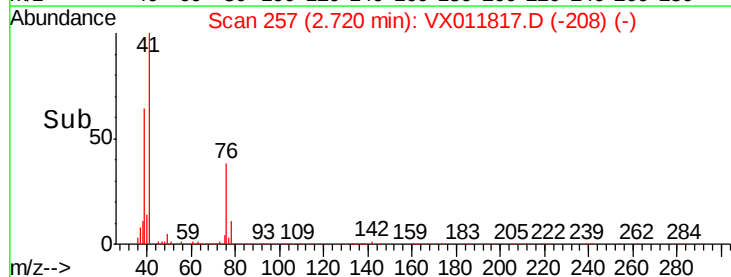
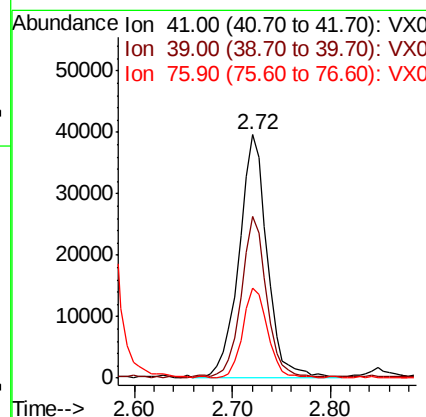
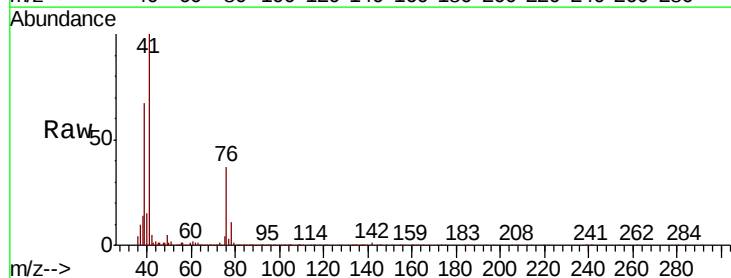
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

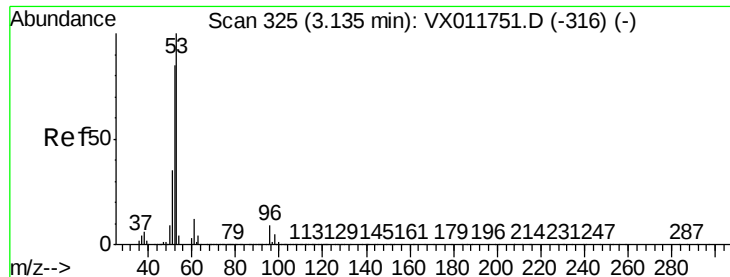
Tgt Ion: 56 Resp: 28338
Ion Ratio Lower Upper
56 100
55 71.3 54.8 82.2



#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

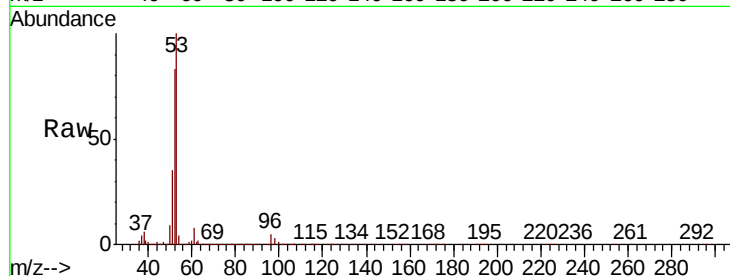
Tgt Ion: 53 Resp: 165901

Ion Ratio Lower Upper

53 100

52 84.2 65.7 98.5

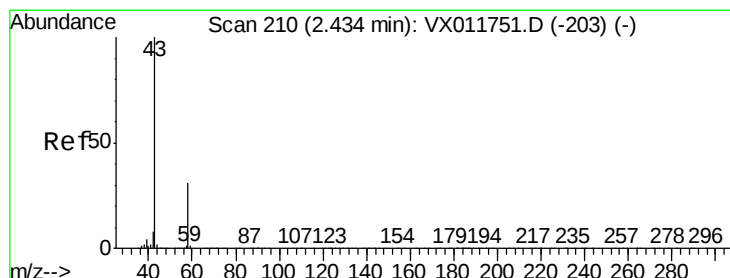
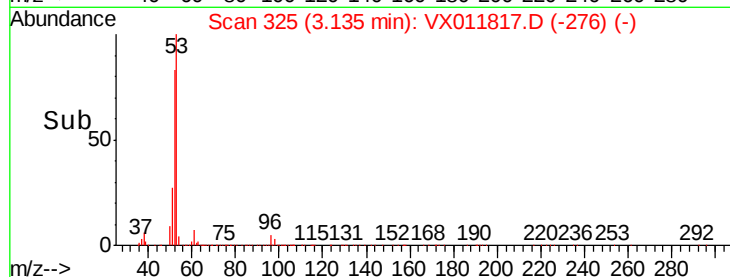
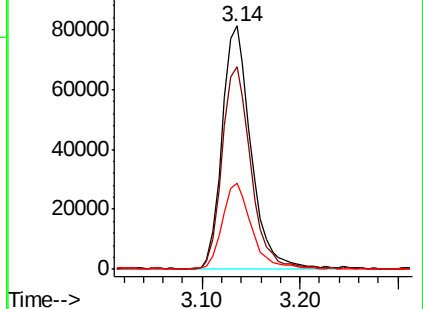
51 35.6 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 92.829 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011817.D

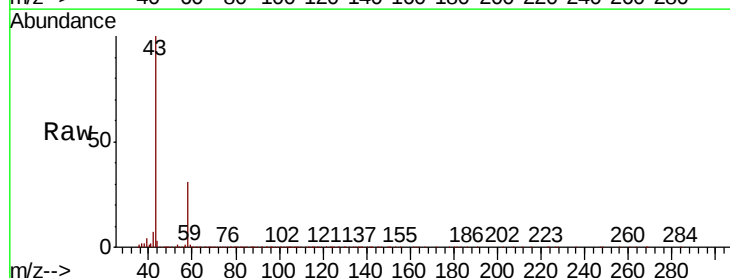
Acq: 24 Aug 2019 14:42

Tgt Ion: 43 Resp: 144060

Ion Ratio Lower Upper

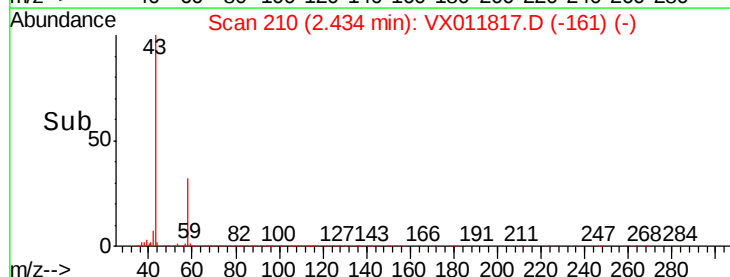
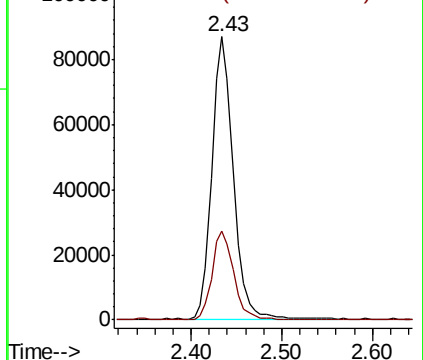
43 100

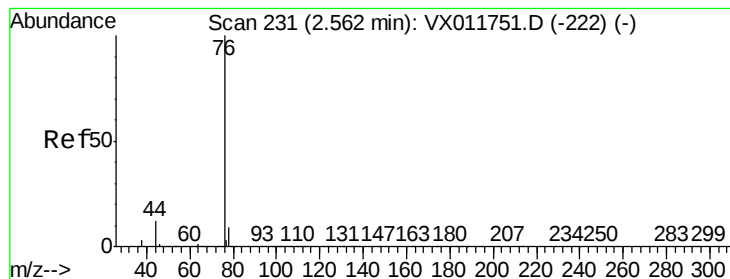
58 31.4 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#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 :

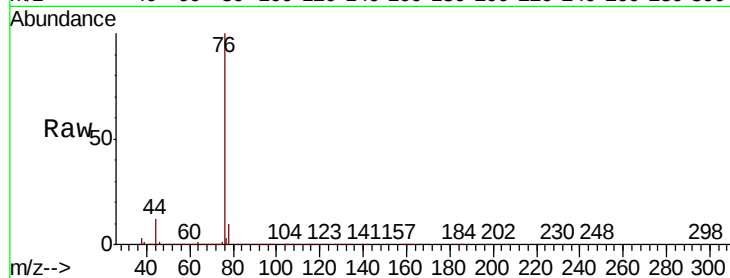
VX0824WBSD01

Tgt 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

2.56

80000

60000

40000

20000

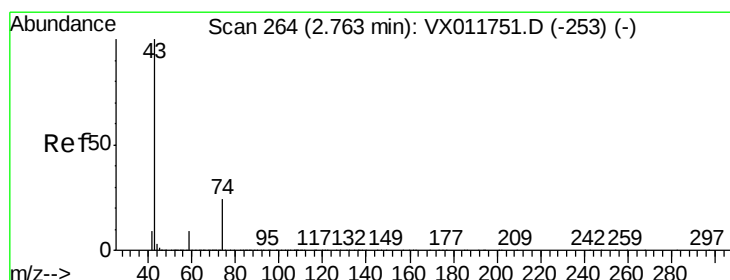
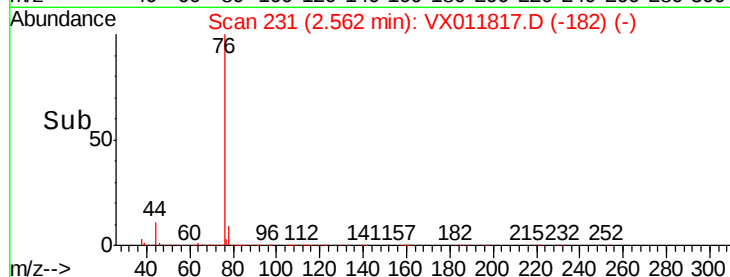
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 22.184 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011817.D

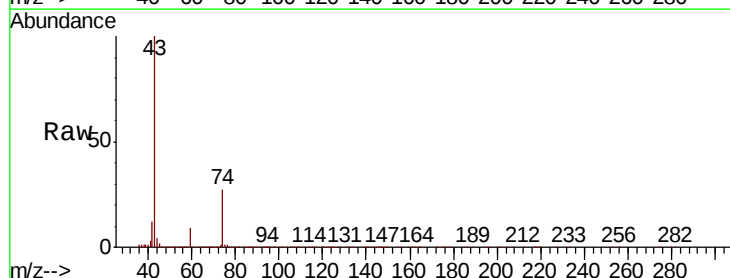
Acq: 24 Aug 2019 14:42

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

2.76

60000

50000

40000

30000

20000

10000

0

Time-->

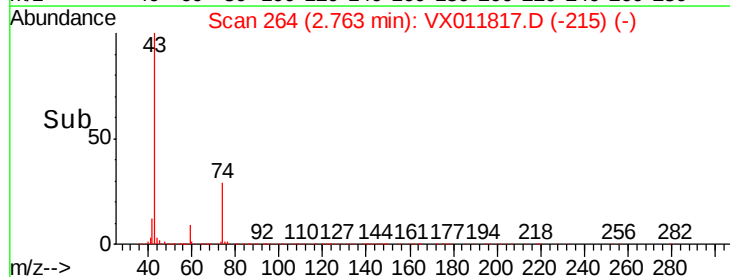
2.65

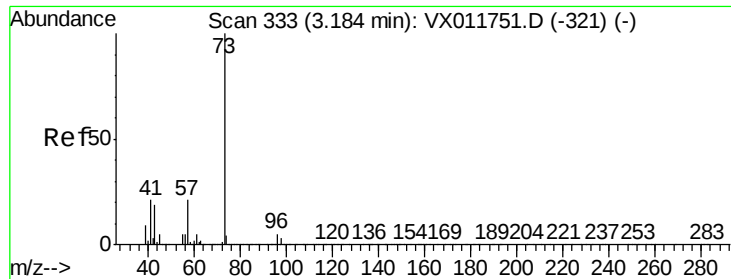
2.70

2.75

2.80

2.85



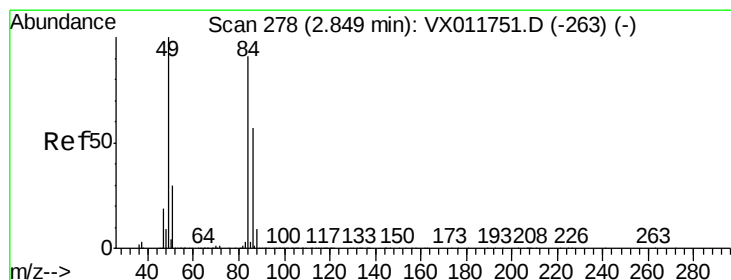
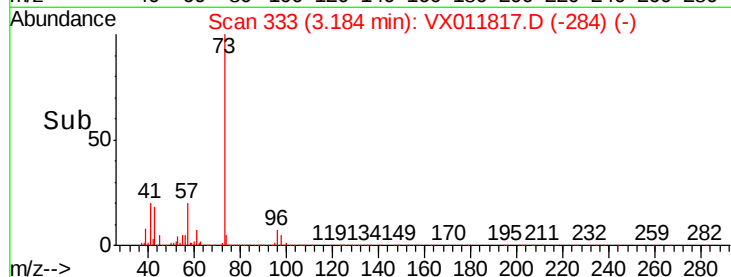
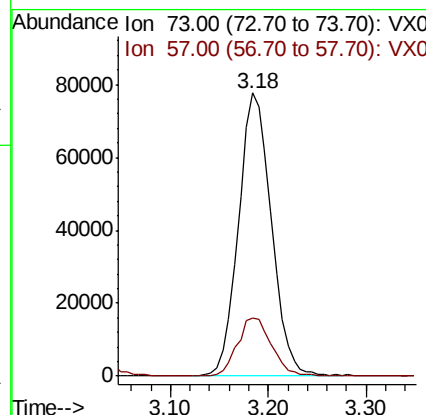
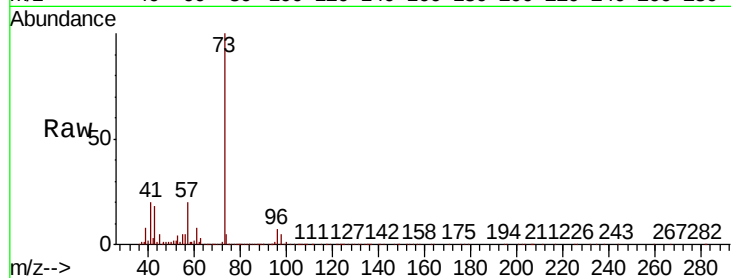


#19

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

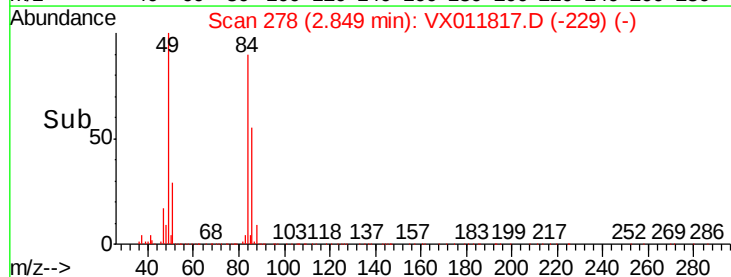
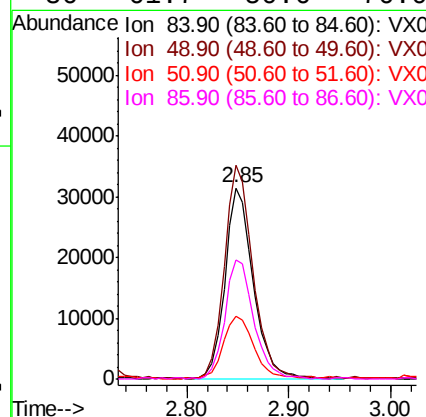
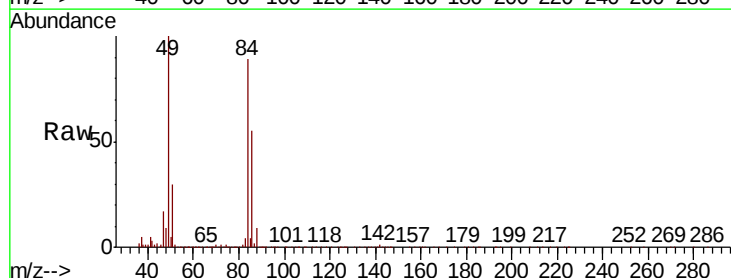
Tgt Ion: 73 Resp: 180441
 Ion Ratio Lower Upper
 73 100
 57 20.3 16.4 24.6

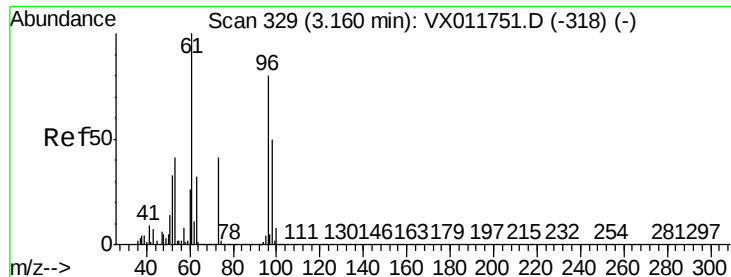


#20

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

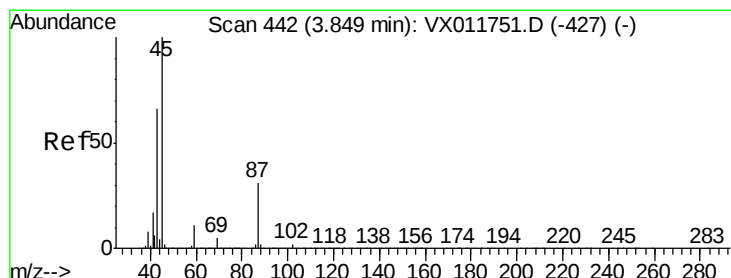
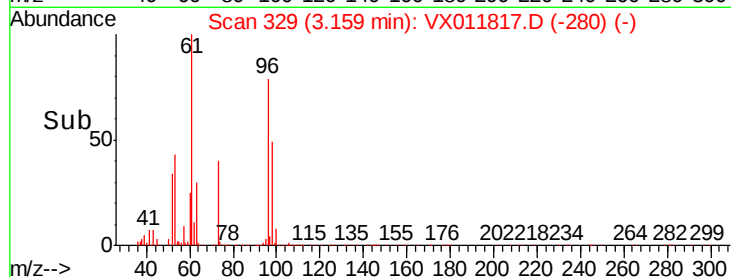
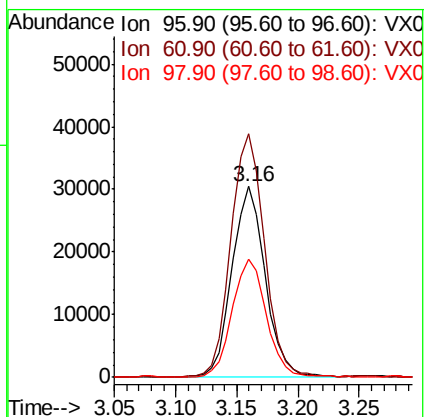
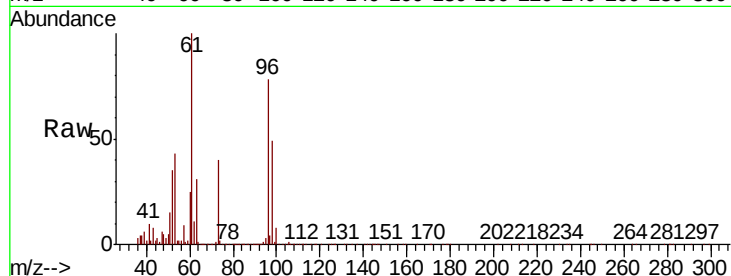
Tgt Ion: 96 Resp: 57584

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

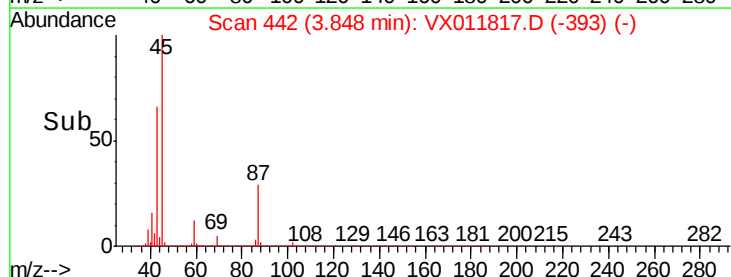
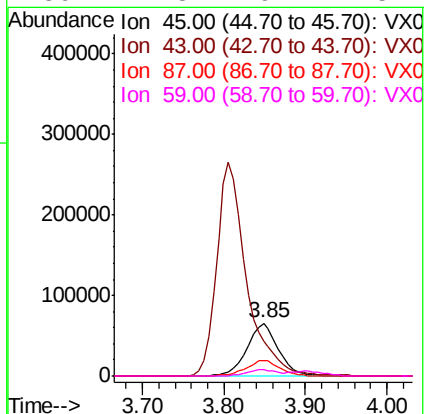
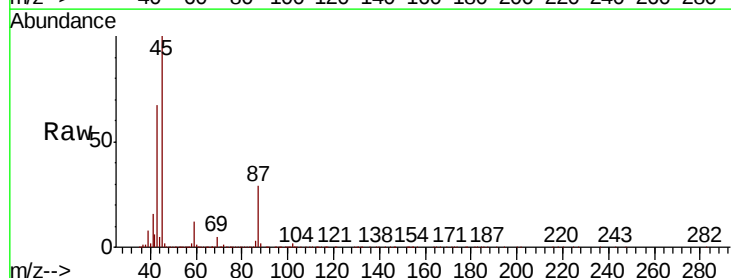
Ion Ratio Lower Upper

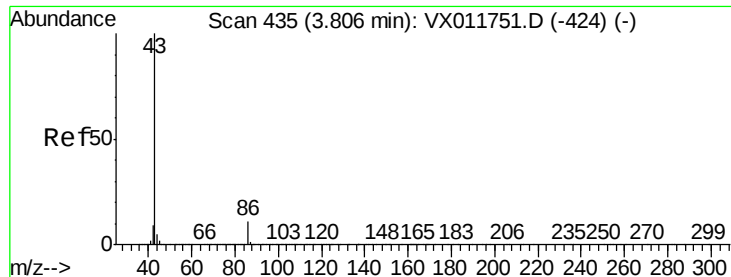
45 100

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 :

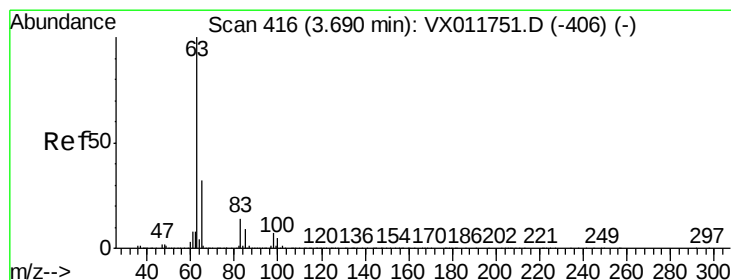
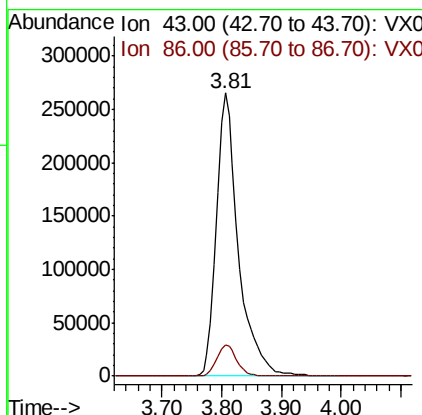
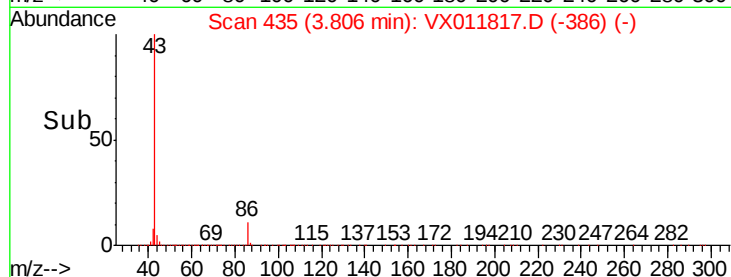
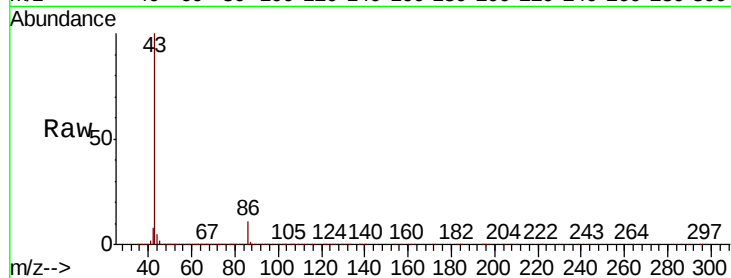
VX0824WBSD01

Tgt 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

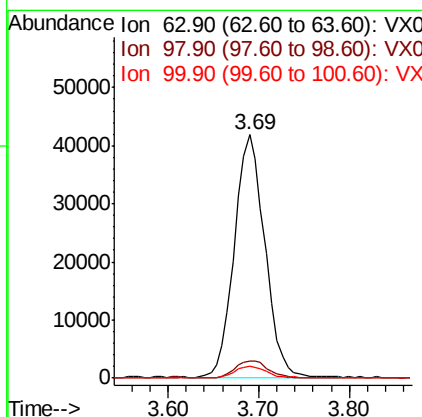
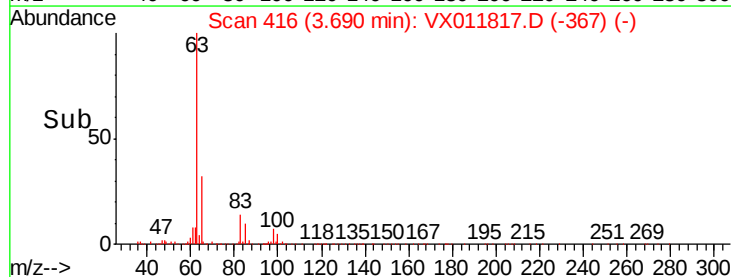
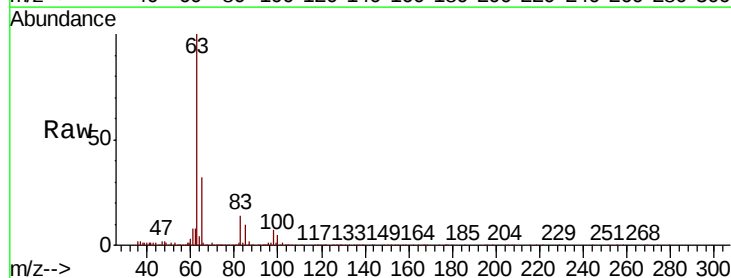
Tgt Ion: 63 Resp: 98049

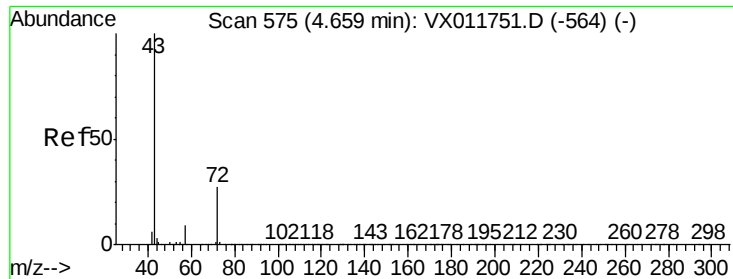
Ion Ratio Lower Upper

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 :

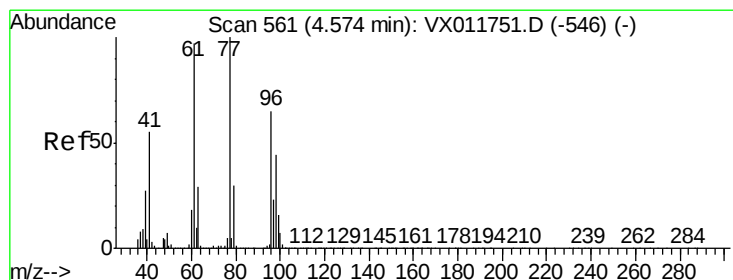
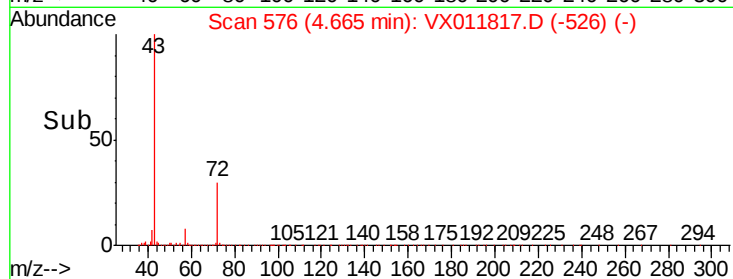
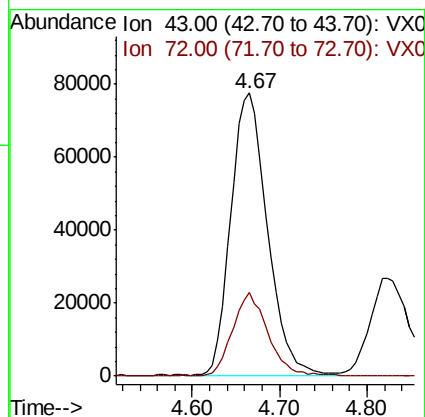
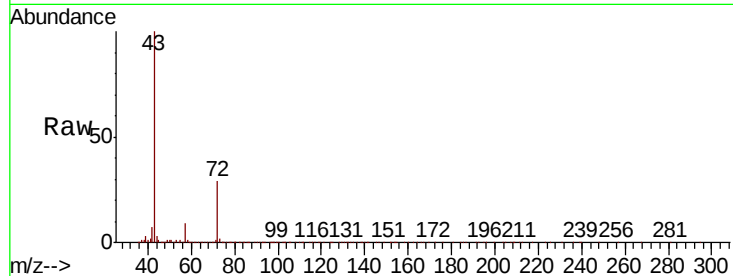
VX0824WBSD01

Tgt 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

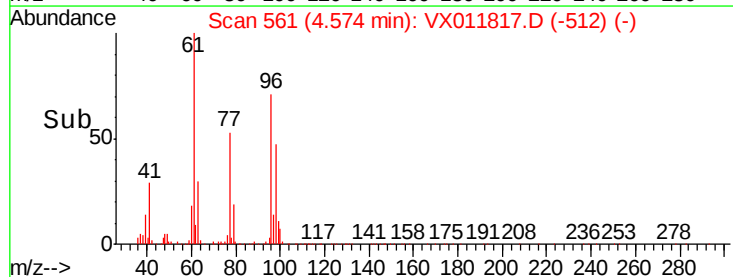
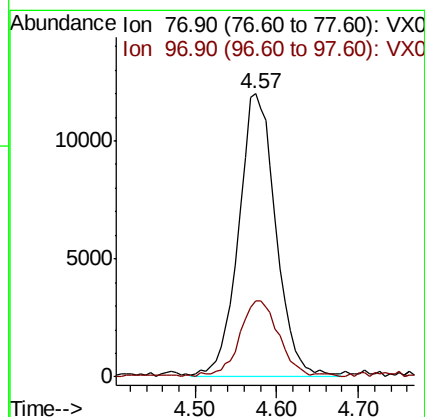
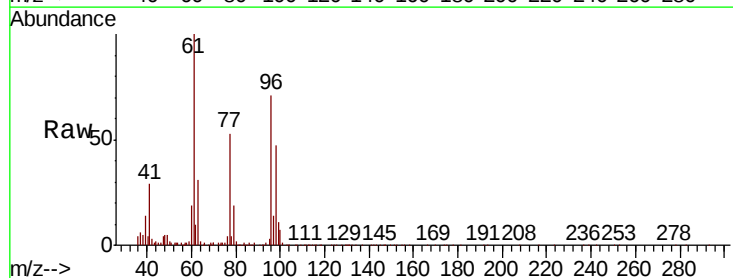
Acq: 24 Aug 2019 14:42

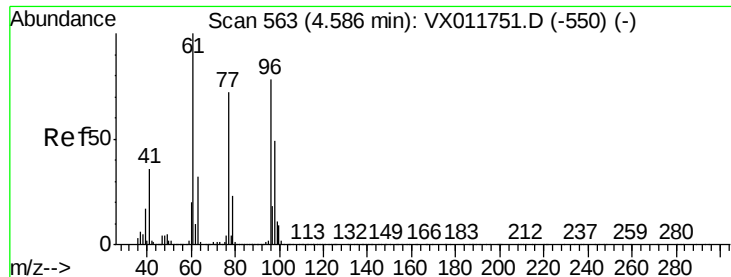
Tgt Ion: 77 Resp: 38156

Ion Ratio Lower Upper

77 100

97 28.3 12.2 36.6



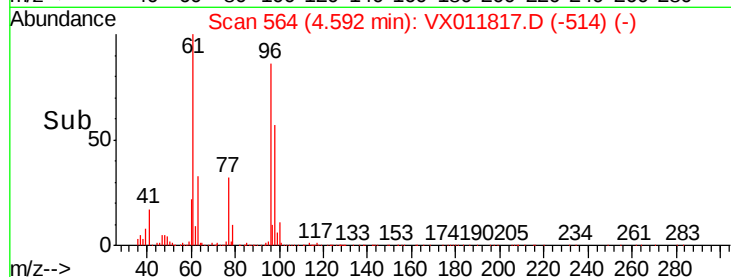
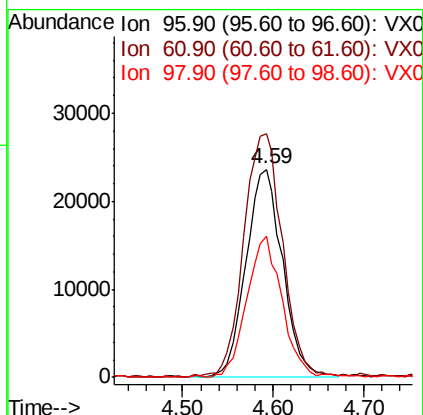
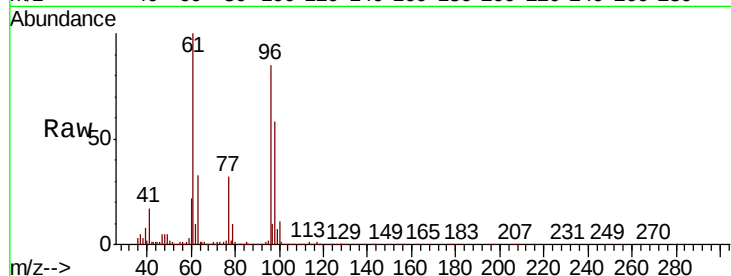


#27

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

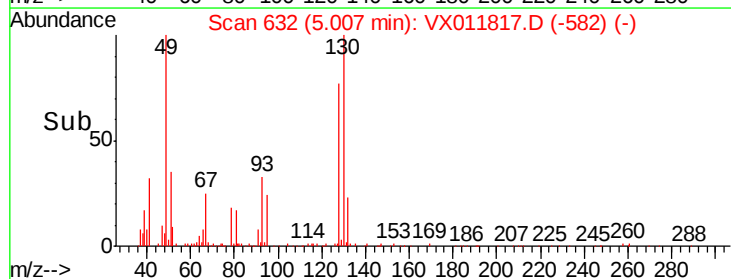
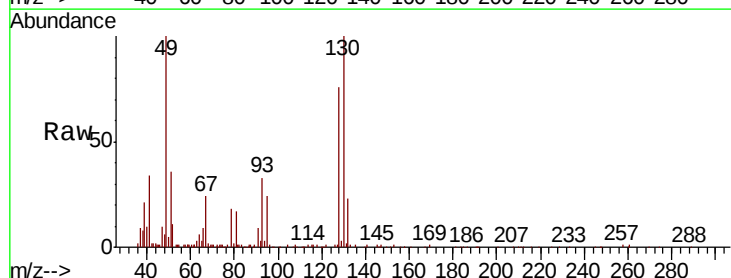
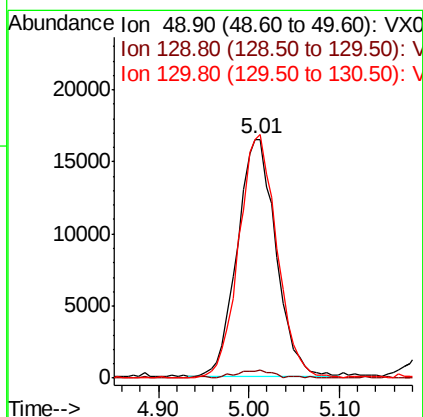
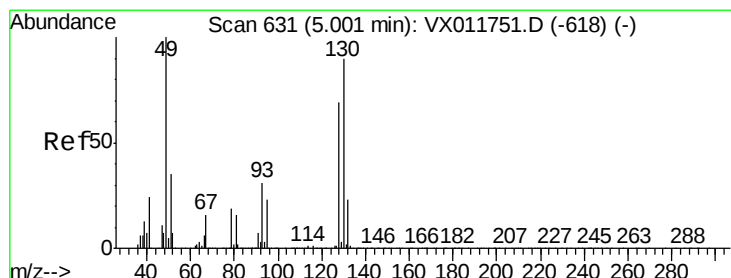
Tgt Ion: 96 Resp: 66166
 Ion Ratio Lower Upper
 96 100
 61 122.4 0.0 275.8
 98 64.9 0.0 128.2

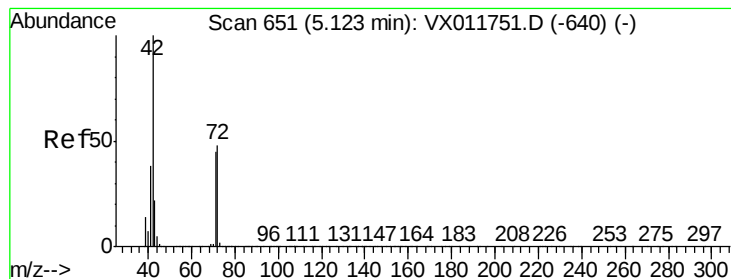


#28

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

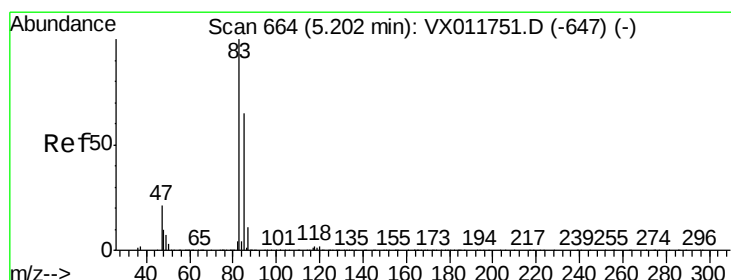
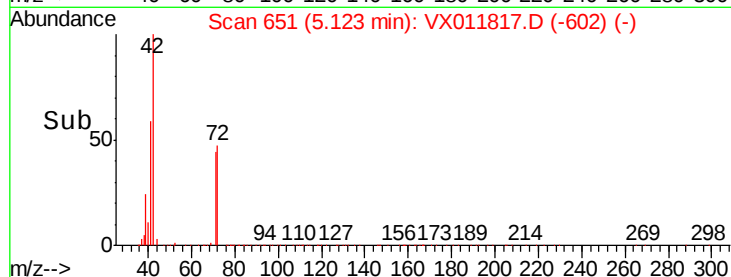
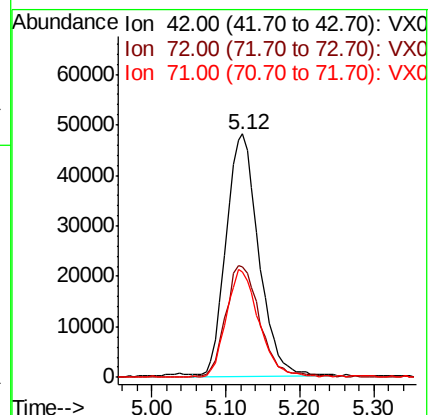
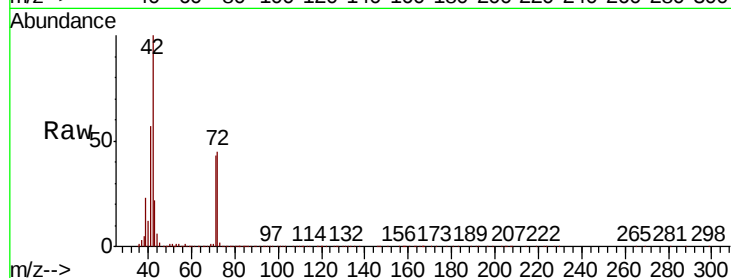
Tgt Ion: 42 Resp: 146757

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

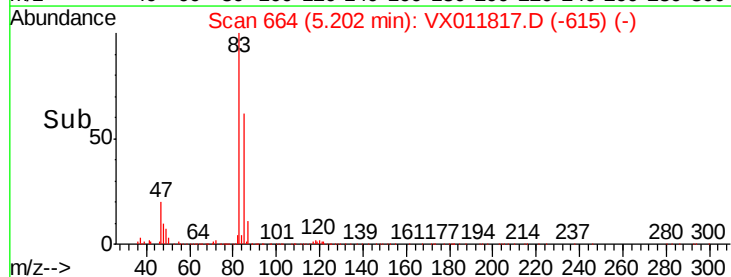
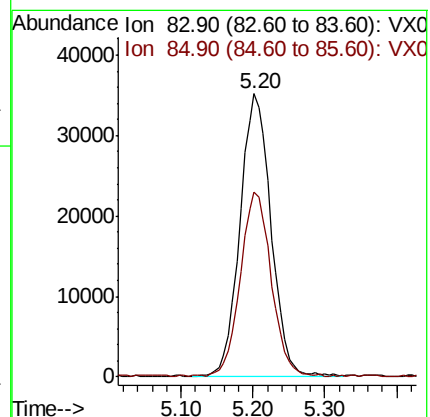
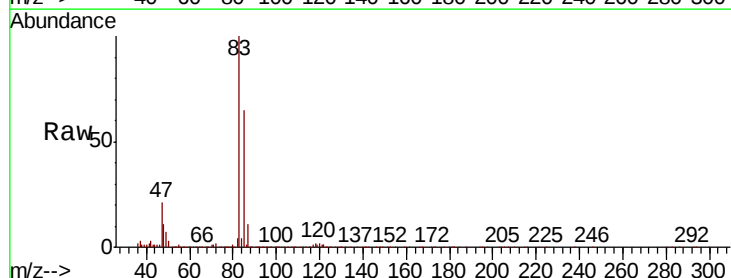
Acq: 24 Aug 2019 14:42

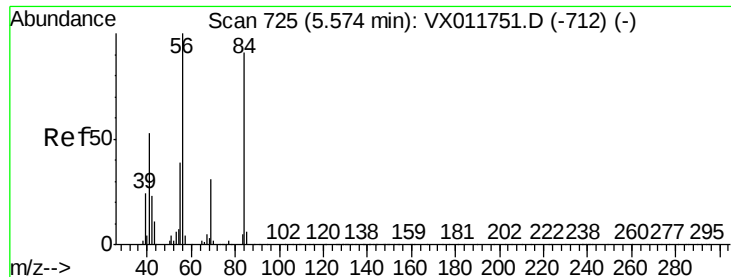
Tgt Ion: 83 Resp: 105437

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.8

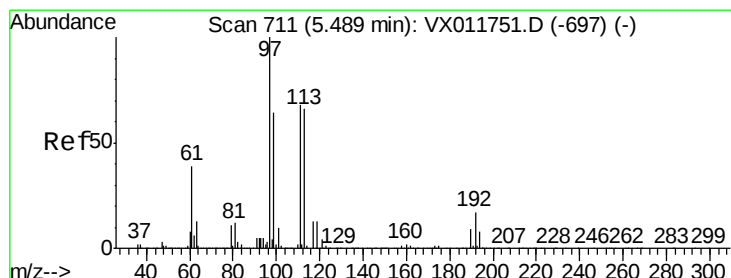
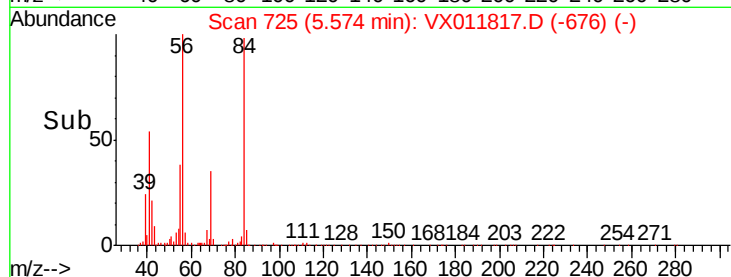
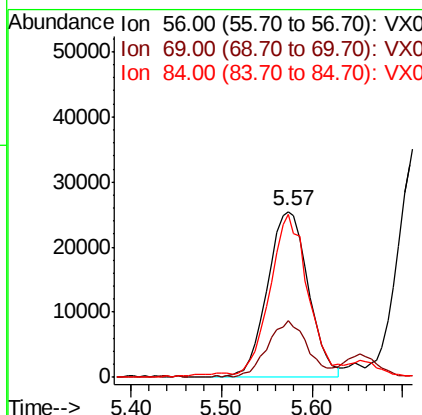
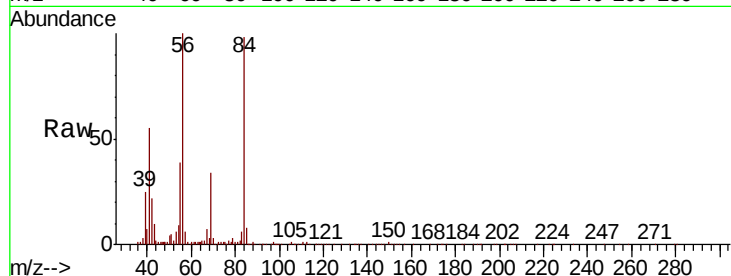




#31
Cyclohexane
Concen: 17.991 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

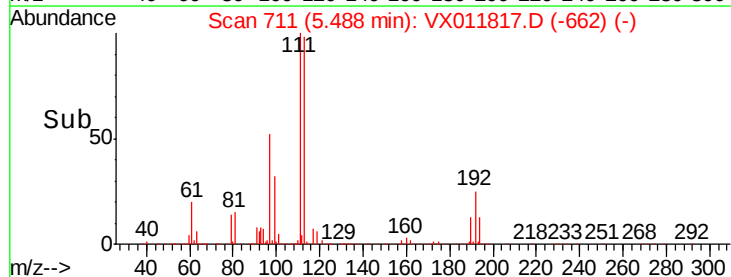
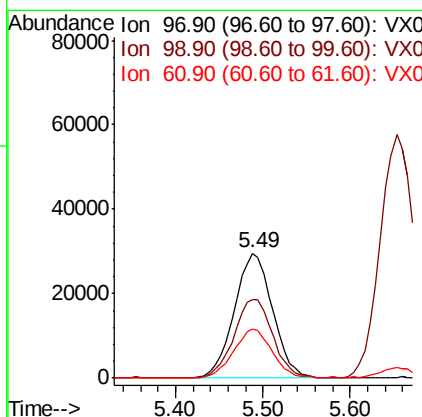
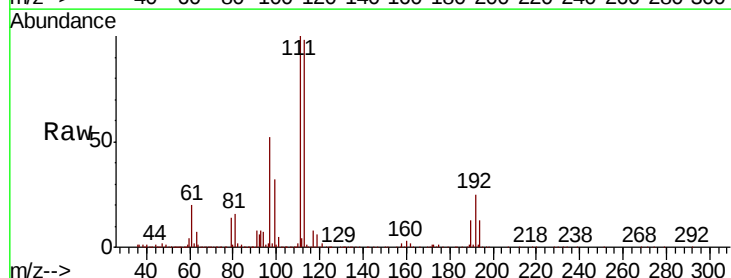
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

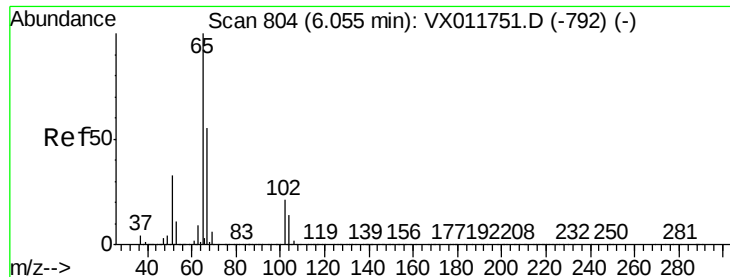
Tgt Ion: 56 Resp: 78921
Ion Ratio Lower Upper
56 100
69 33.8 24.5 36.7
84 97.2 72.7 109.1



#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 :

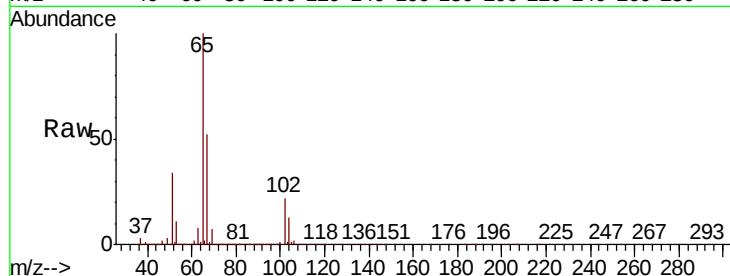
VX0824WBSD01

Tgt Ion: 65 Resp: 185390

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

60000

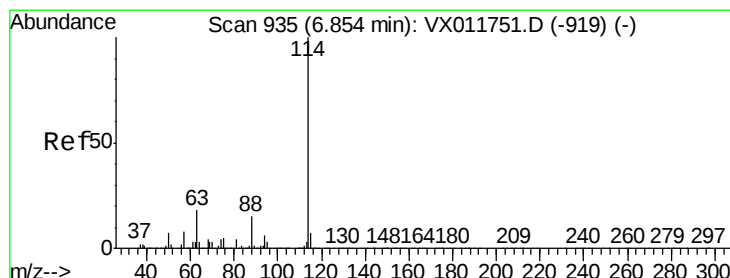
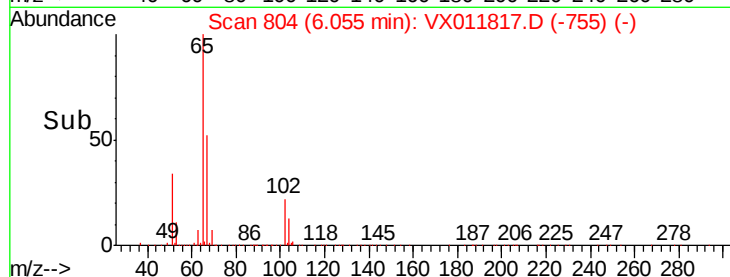
40000

20000

0

Time-->

6.00 6.10



#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

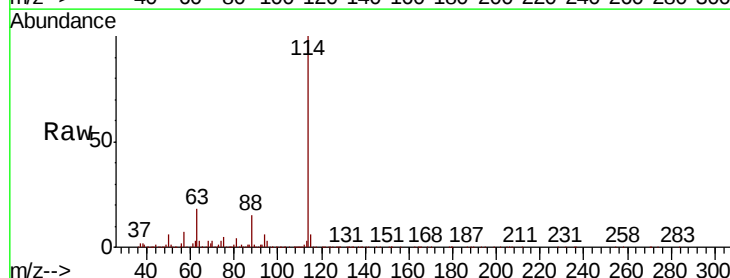
Tgt Ion: 114 Resp: 510055

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 14.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

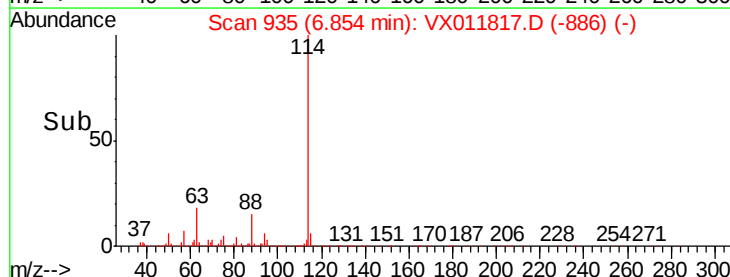
100000

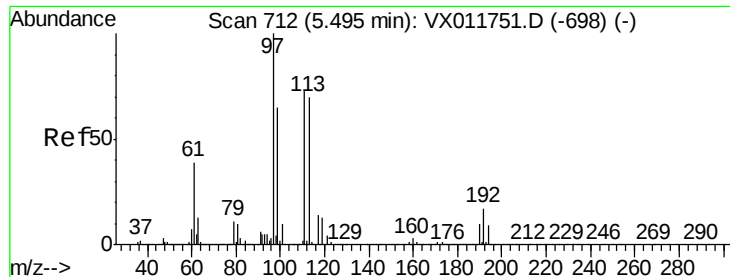
50000

0

Time-->

6.70 6.80 6.90 7.00 7.10

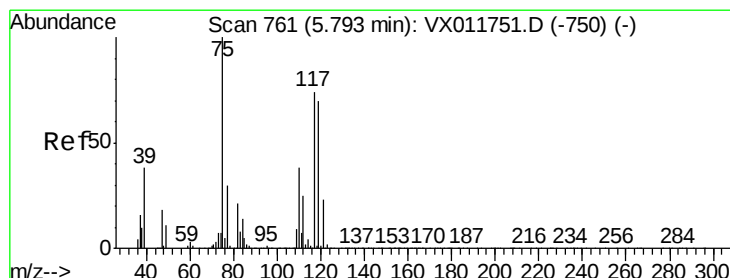
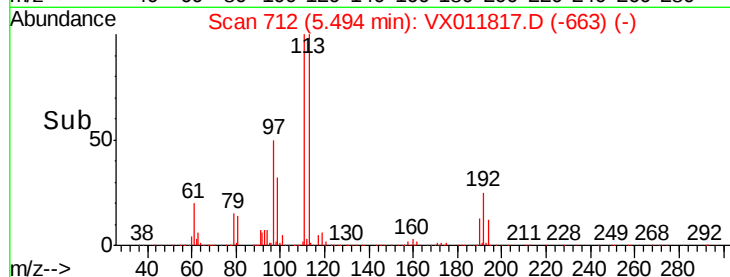
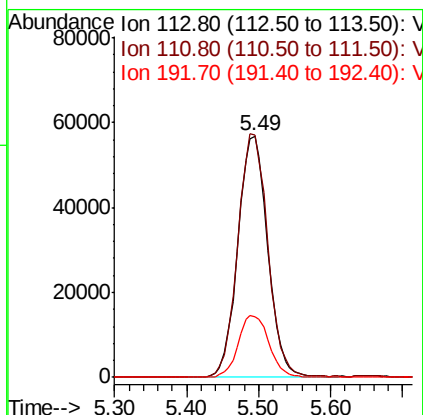
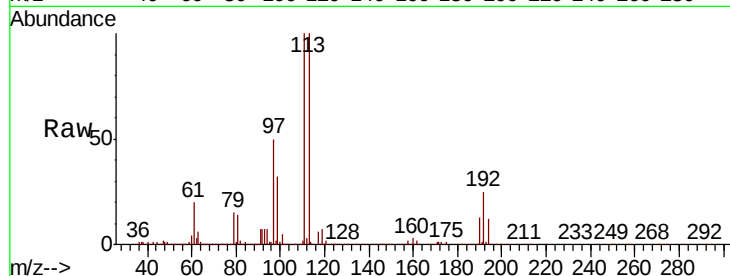




#35
 Dibromofluoromethane
 Concen: 49.628 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

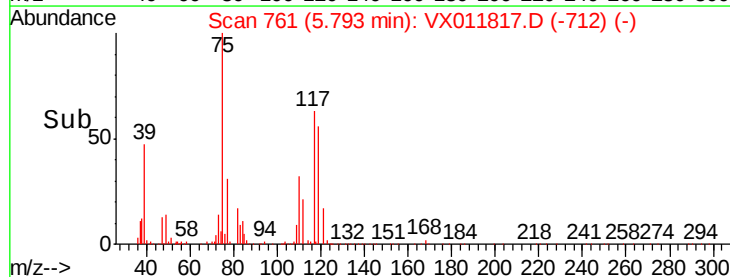
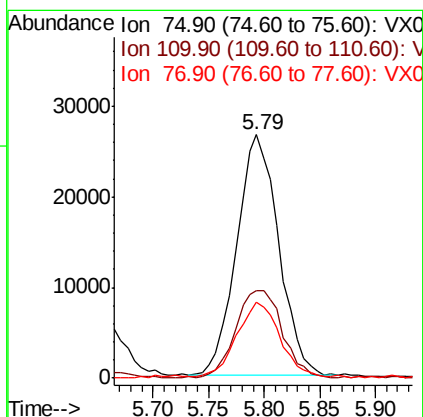
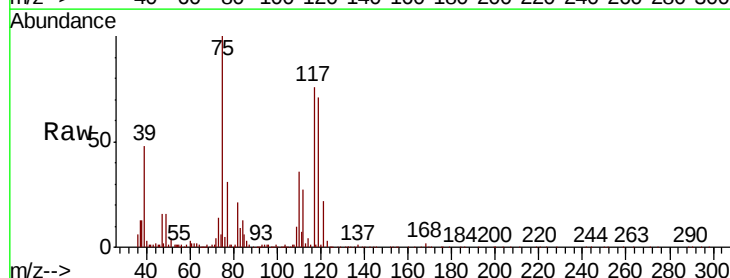
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

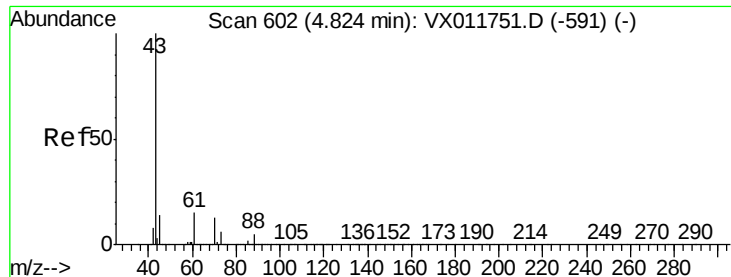
Tgt Ion: 113 Resp: 163684
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.0 121.4
 192 26.3 19.9 29.9



#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: 75 Resp: 69683
 Ion Ratio Lower Upper
 75 100
 110 39.9 19.0 57.0
 77 31.7 24.6 36.8

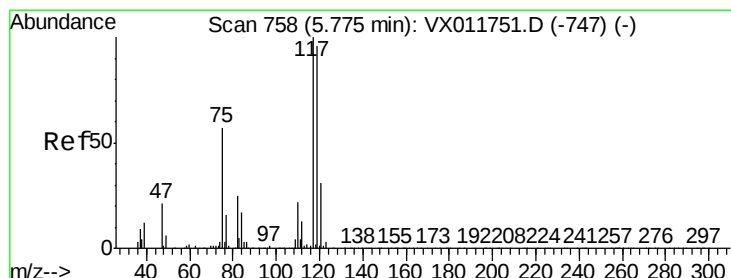
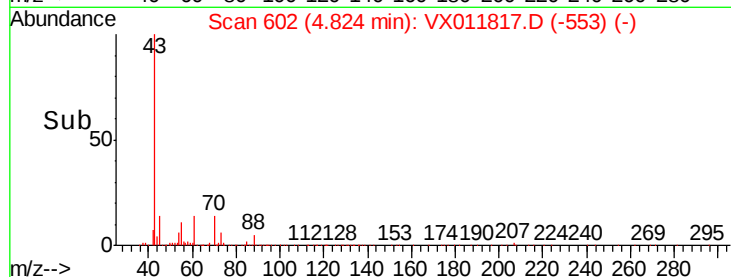
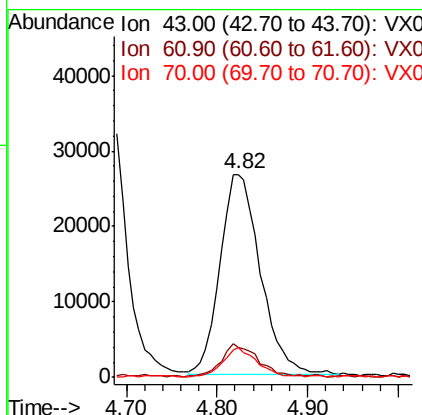
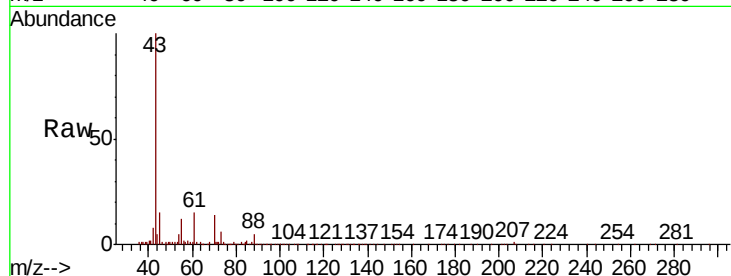




#37
 Ethyl Acetate
 Concen: 19.321 ug/l
 RT: 4.82 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

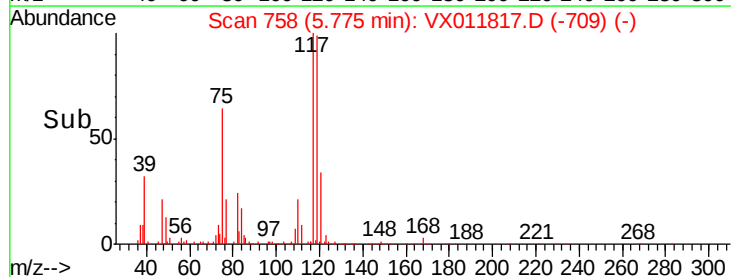
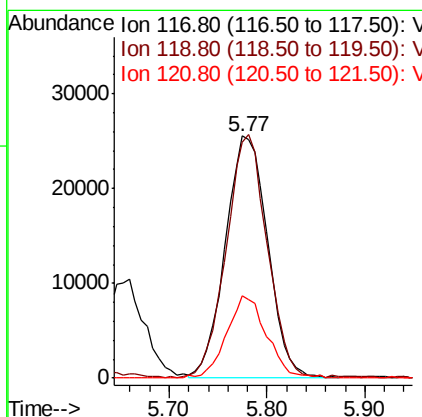
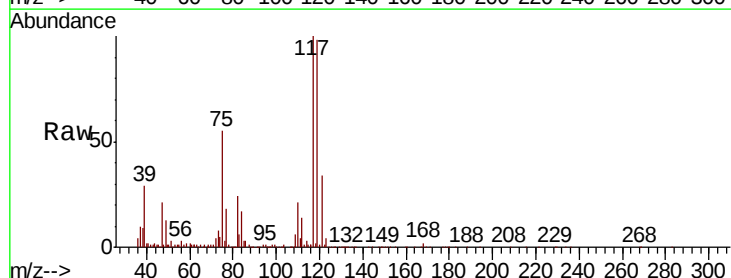
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

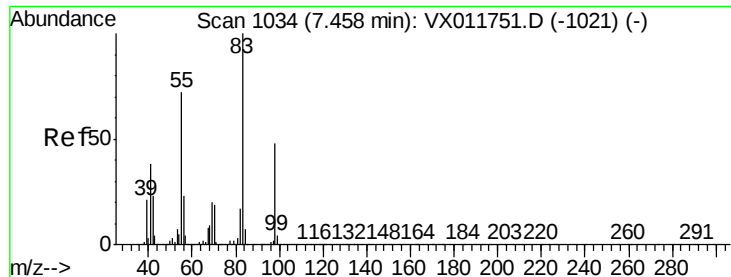
Tgt Ion: 43 Resp: 81780
 Ion Ratio Lower Upper
 43 100
 61 14.3 11.5 17.3
 70 12.3 9.5 14.3



#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

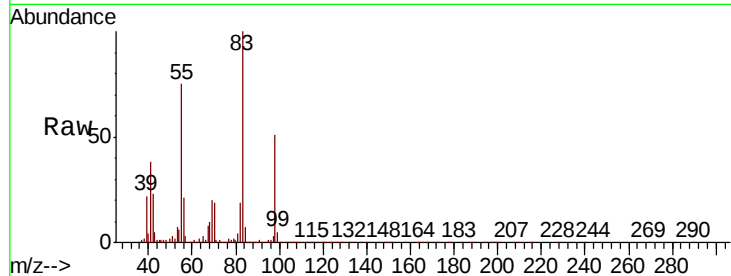




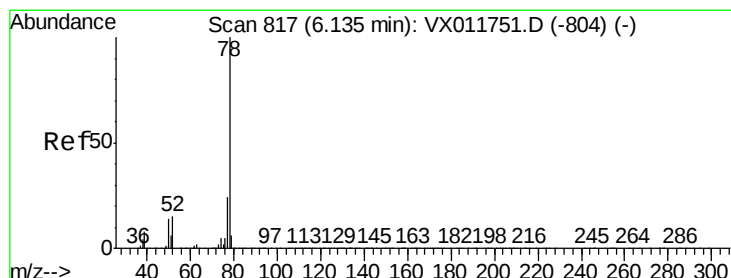
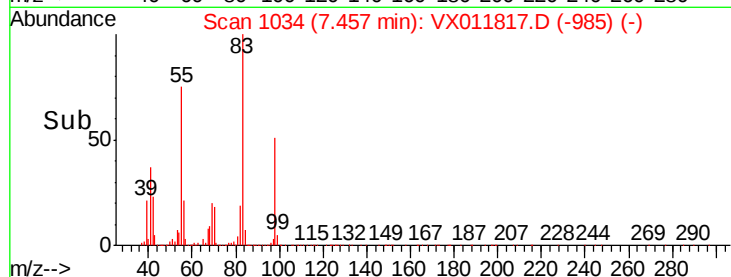
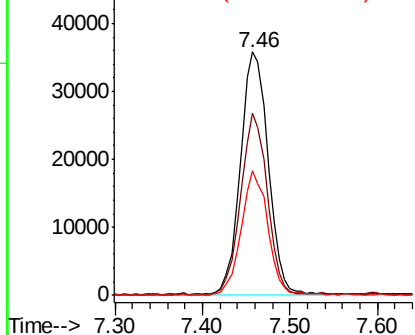
#39
Methylcyclohexane
Concen: 16.005 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

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

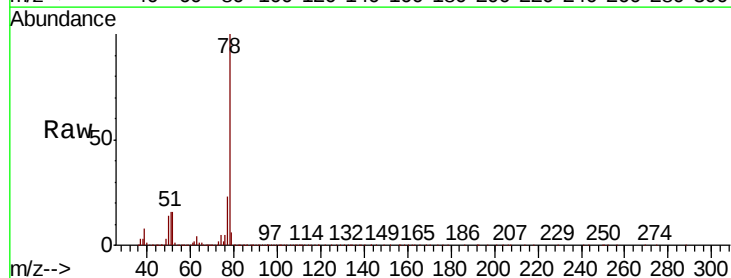


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

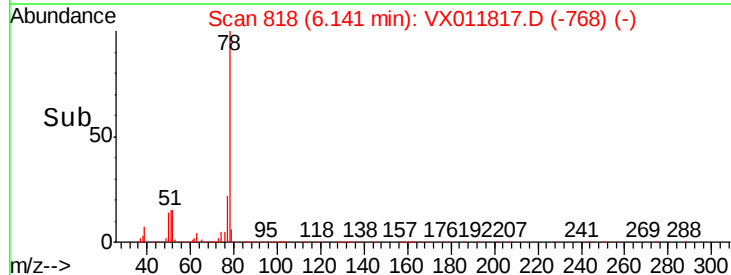
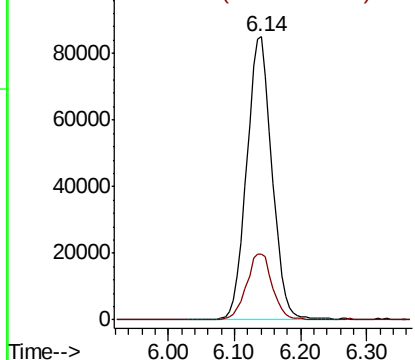


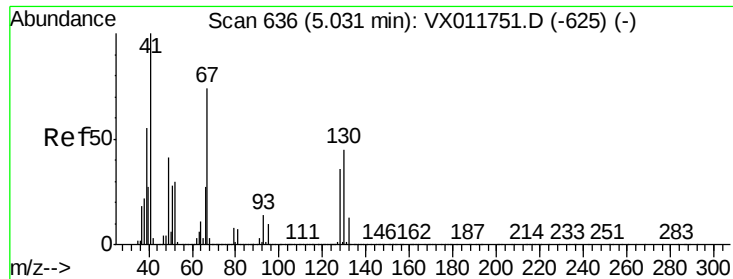
#40
Benzene
Concen: 18.333 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

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



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

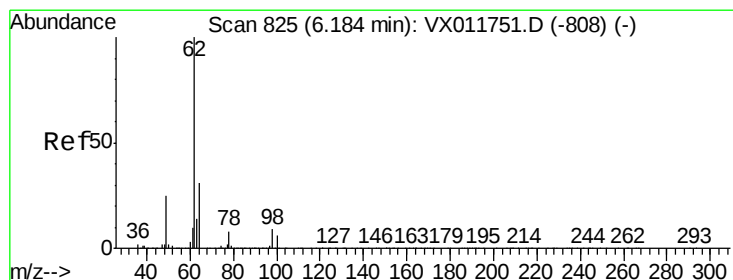
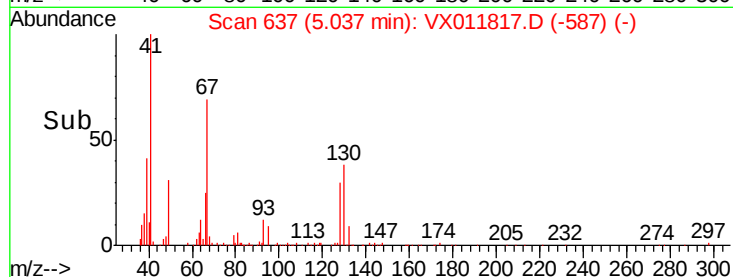
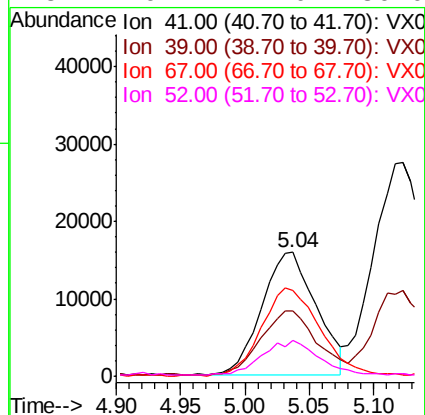
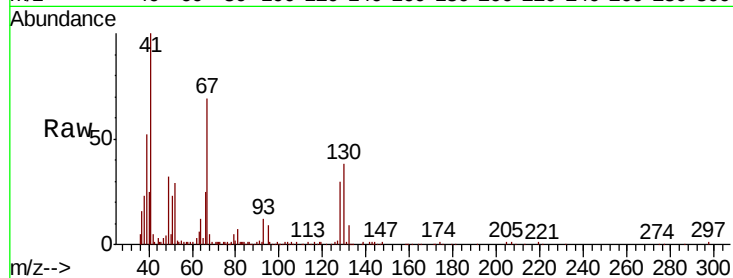




#41
Methacrylonitrile
Concen: 18.858 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

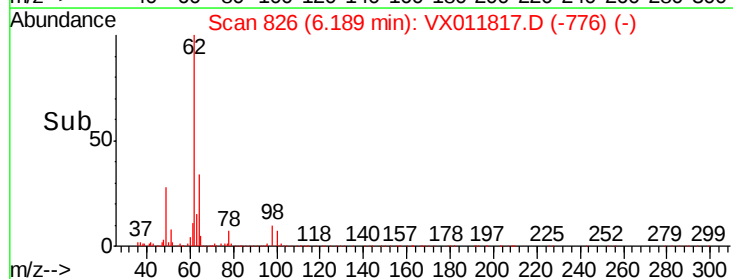
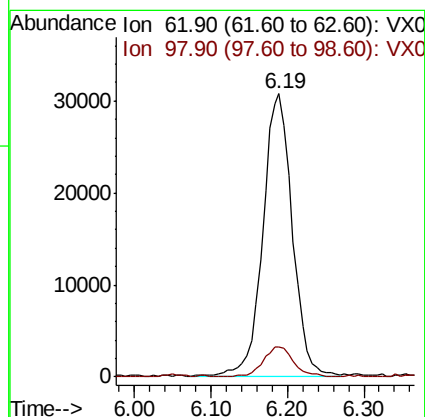
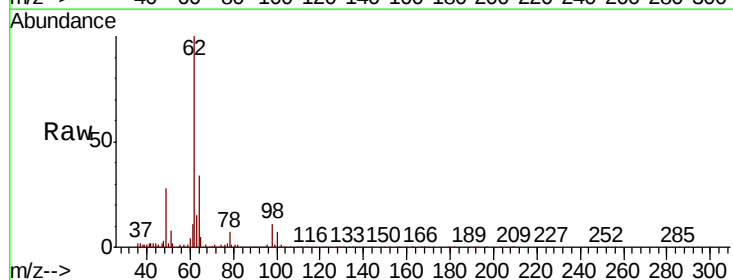
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

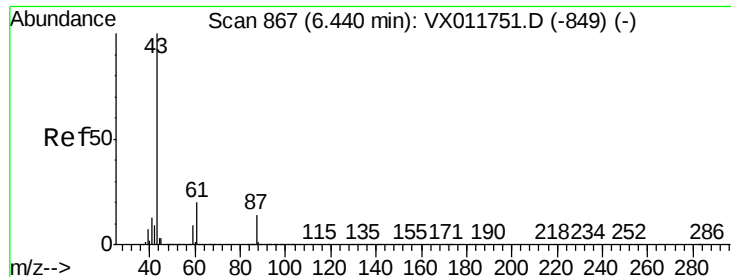
Tgt Ion:	41	Resp:	46422
Ion	Ratio	Lower	Upper
41	100		
39	54.0	44.3	66.5
67	76.7	60.3	90.5
52	29.7	24.0	36.0



#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

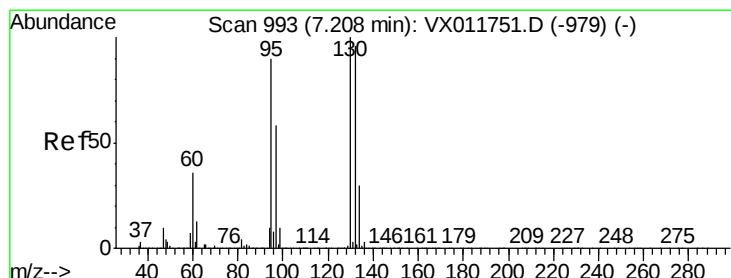
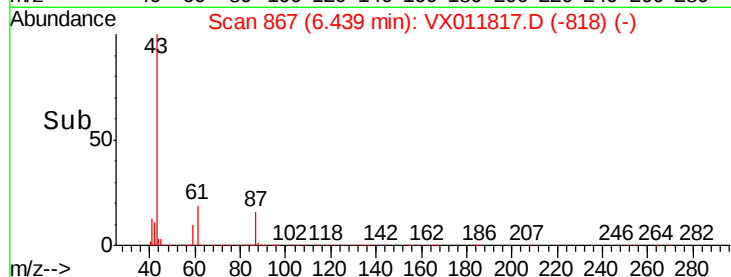
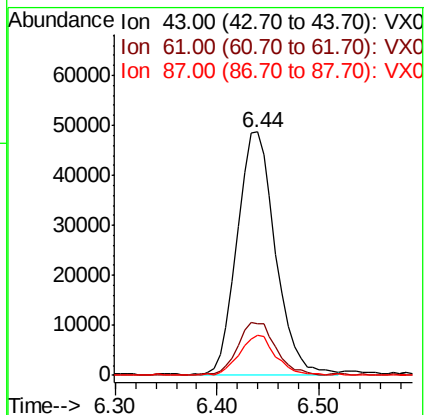
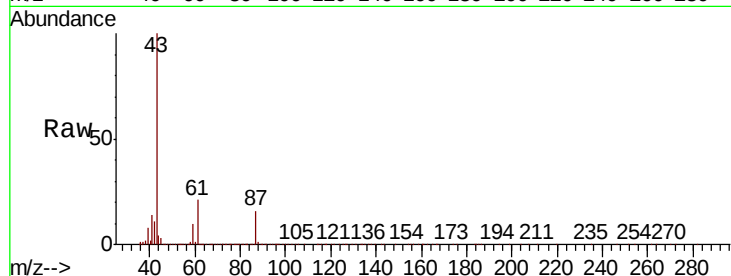
Tgt Ion: 43 Resp: 126514

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

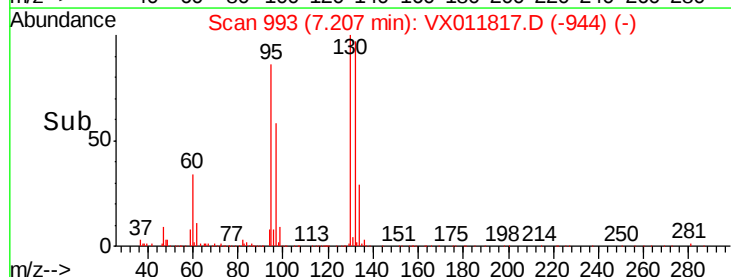
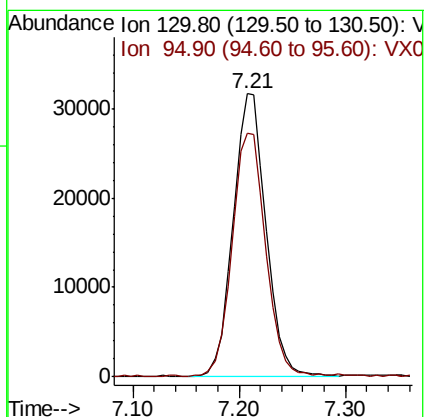
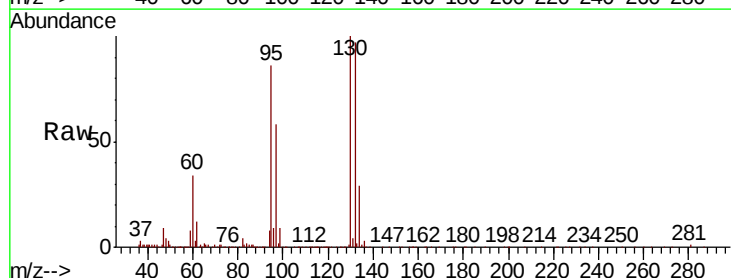
Acq: 24 Aug 2019 14:42

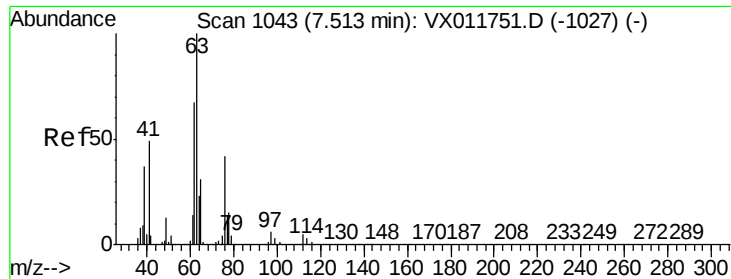
Tgt Ion: 130 Resp: 68748

Ion Ratio Lower Upper

130 100

95 86.3 0.0 179.0

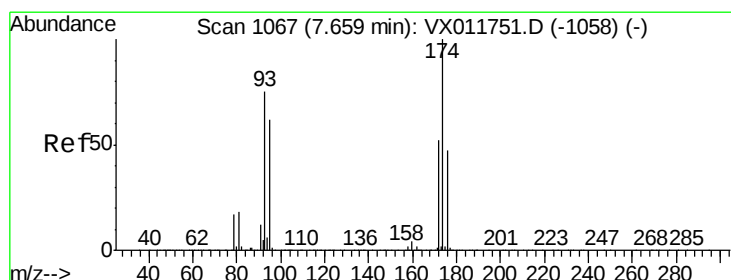
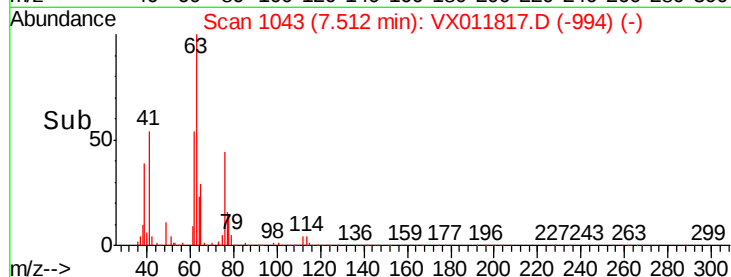
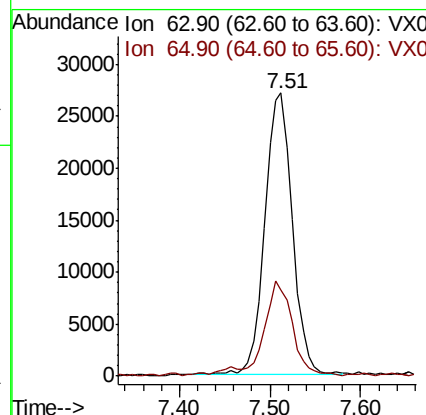
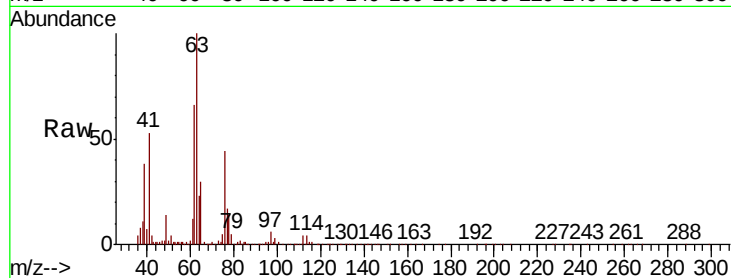




#45
 1,2-Dichloropropane
 Concen: 18.311 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

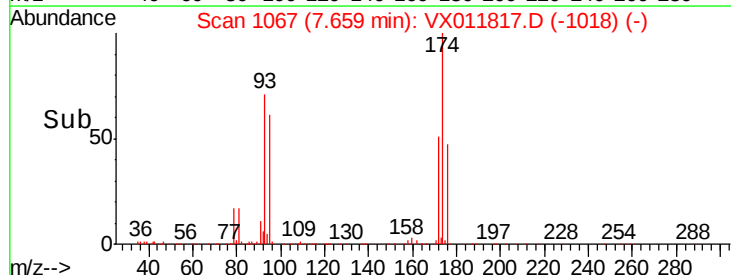
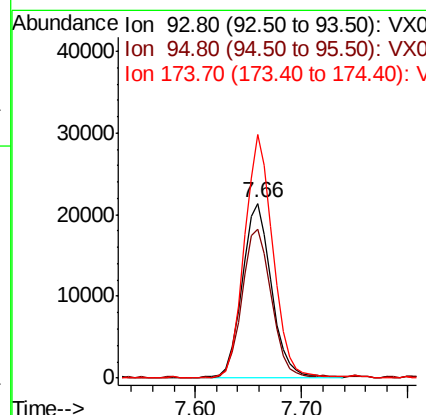
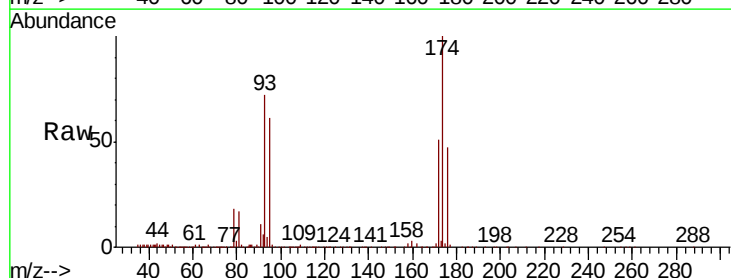
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

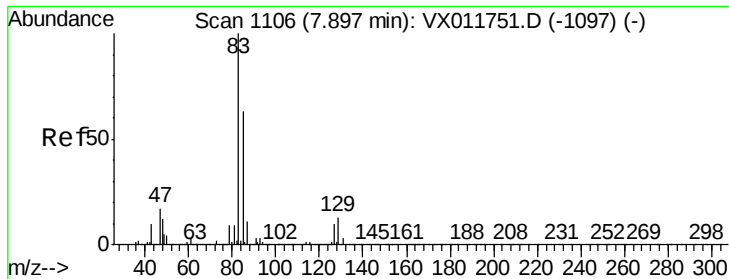
Tgt Ion: 63 Resp: 56947
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.8 37.2



#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

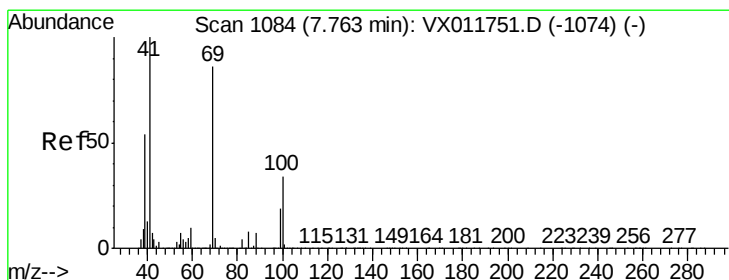
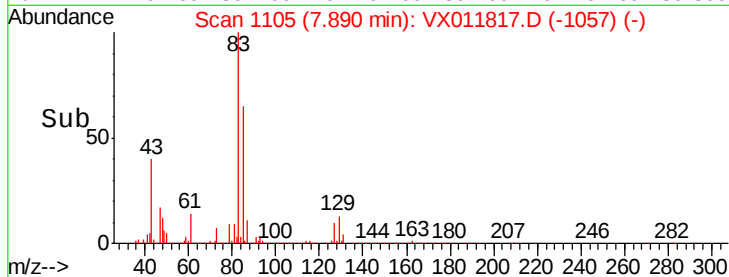
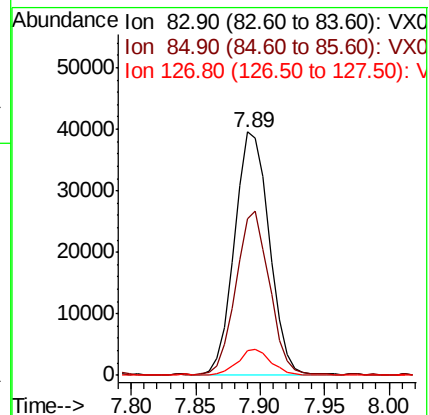
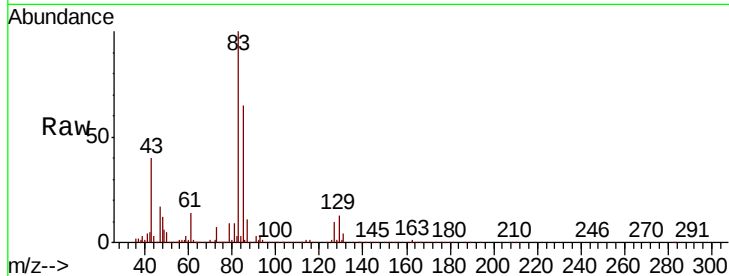
Tgt Ion: 83 Resp: 74328

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

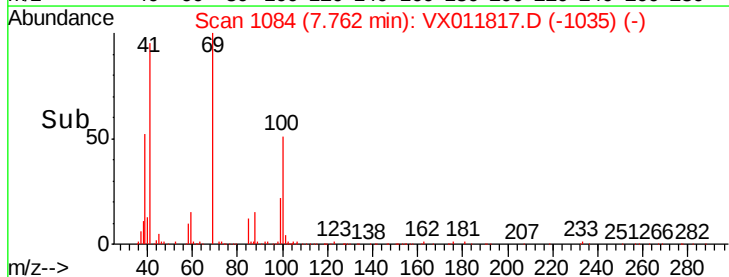
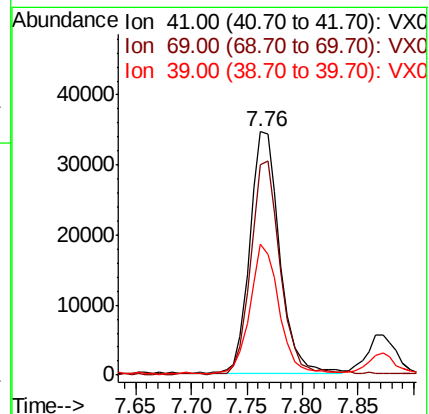
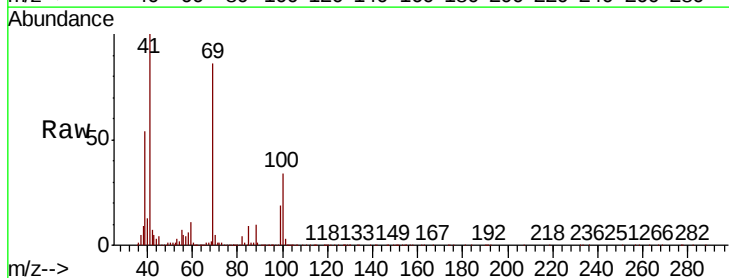
Tgt Ion: 41 Resp: 64983

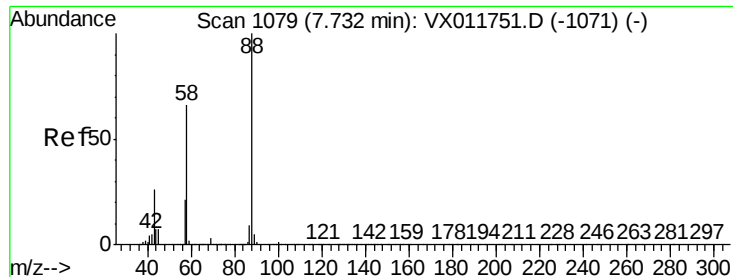
Ion Ratio Lower Upper

41 100

69 86.8 69.4 104.2

39 51.6 43.6 65.4

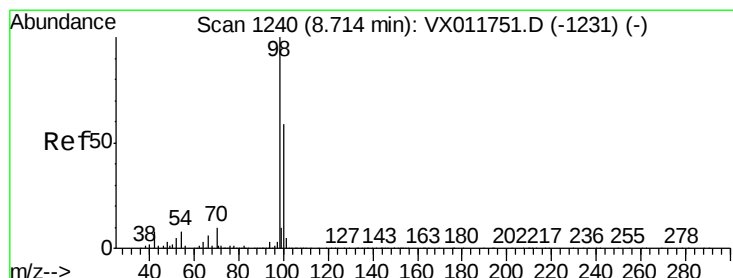
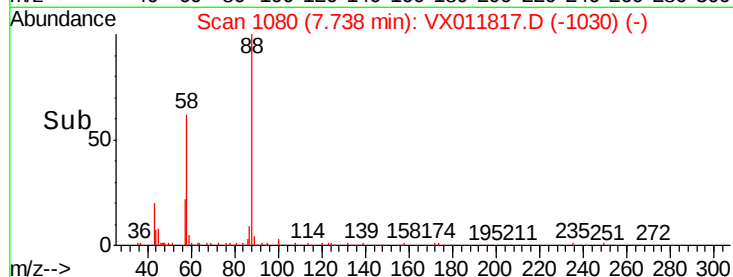
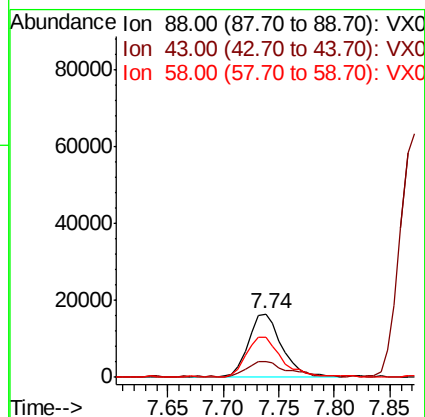
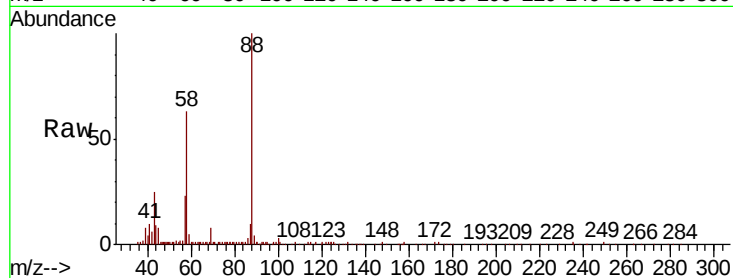




#49
1,4-Dioxane
Concen: 359.989 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

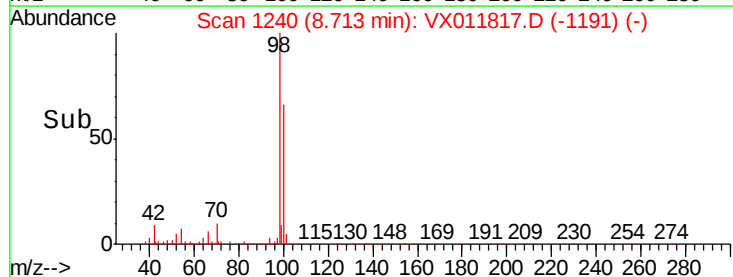
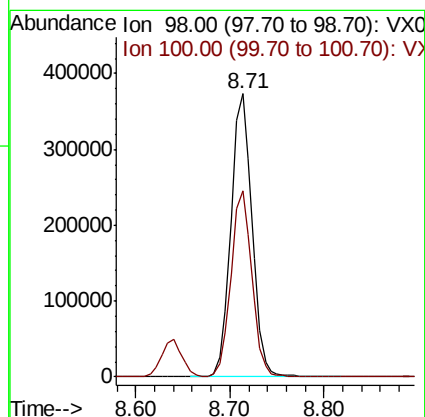
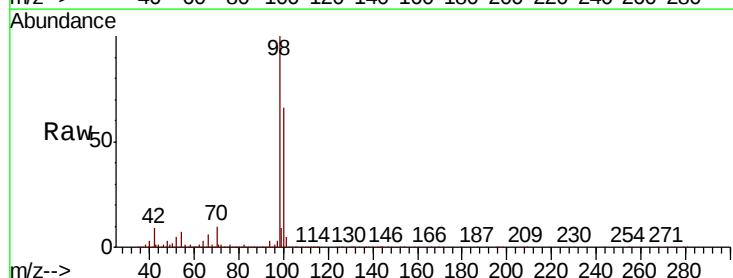
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

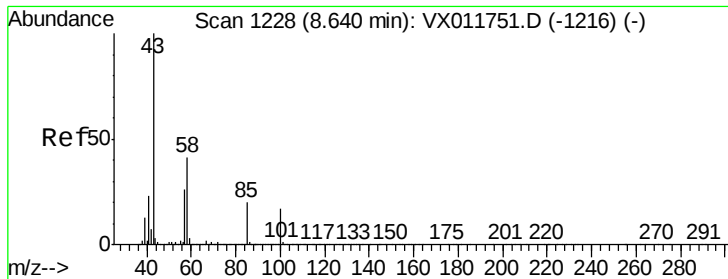
Tgt Ion: 88 Resp: 34006
Ion Ratio Lower Upper
88 100
43 32.8 24.6 37.0
58 70.1 51.4 77.2



#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

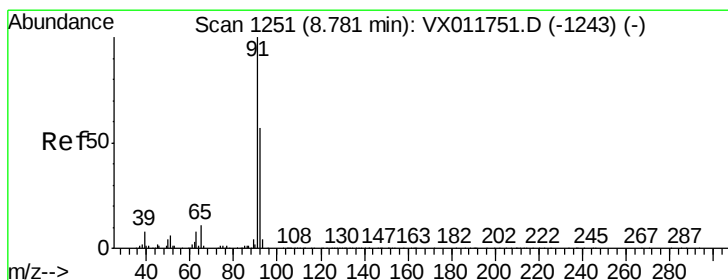
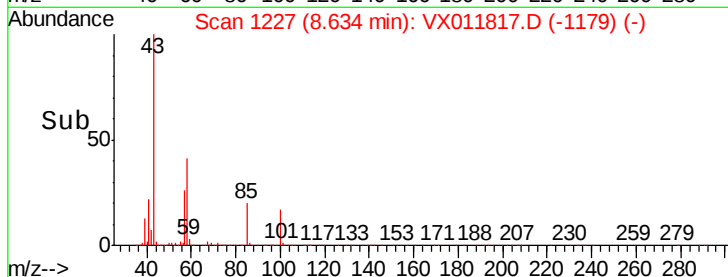
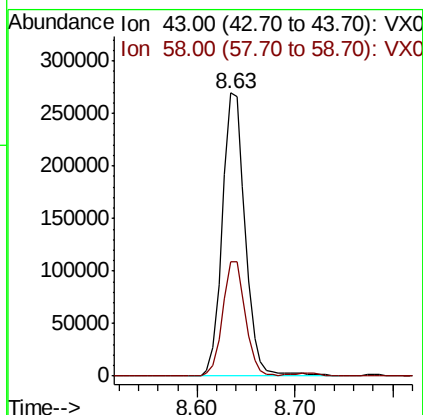
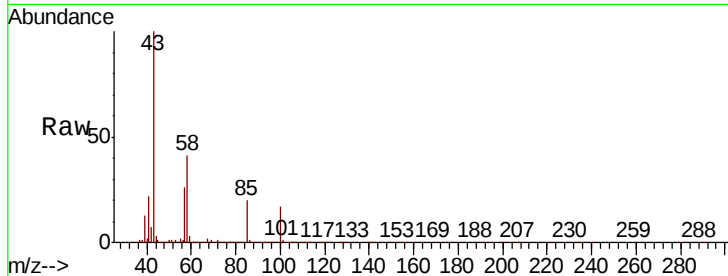




#51
 4-Methyl-2-Pentanone
 Concen: 96.911 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

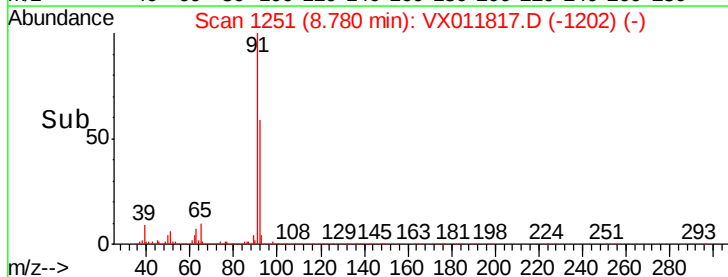
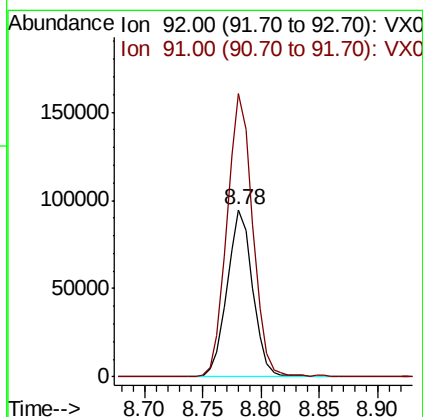
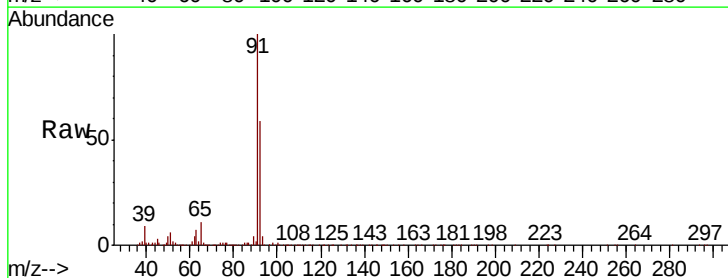
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

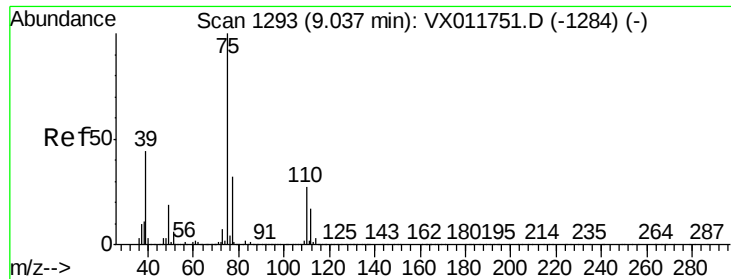
Tgt Ion: 43 Resp: 437468
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.8 47.6



#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 :

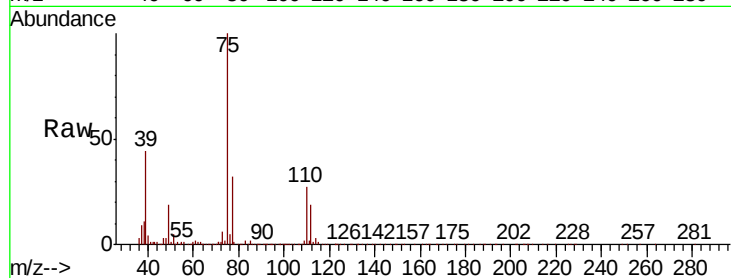
VX0824WBSD01

Tgt Ion: 75 Resp: 68510

Ion Ratio Lower Upper

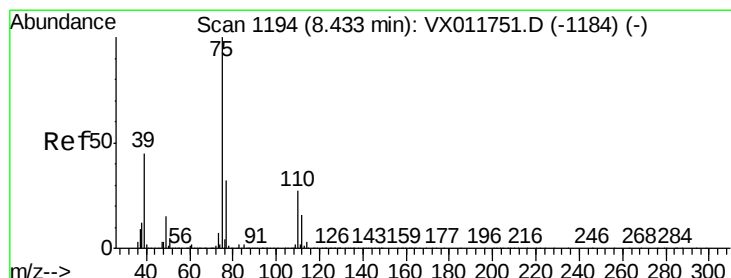
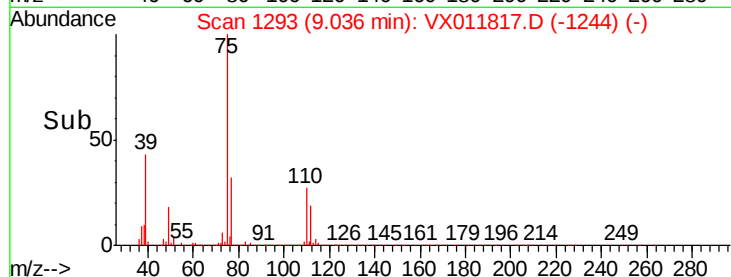
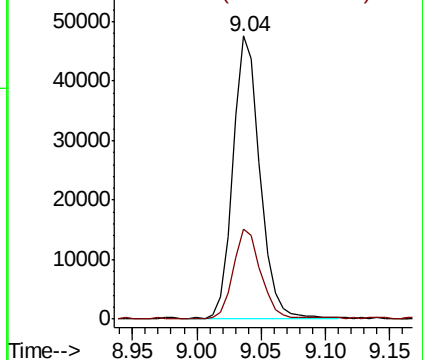
75 100

77 32.2 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#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

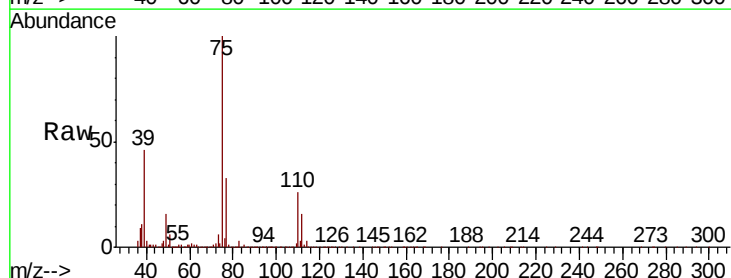
Tgt Ion: 75 Resp: 79574

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2

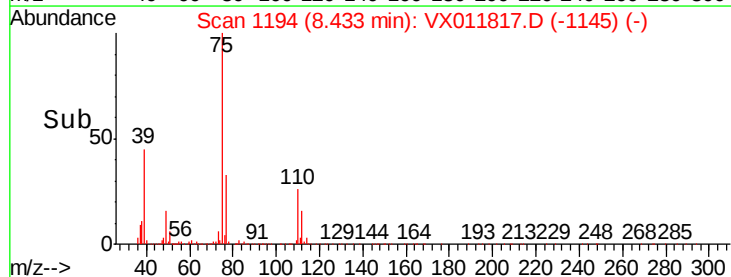
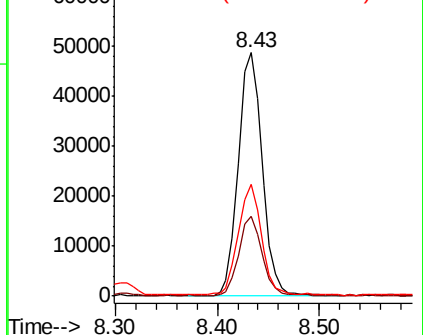
39 45.4 36.2 54.4

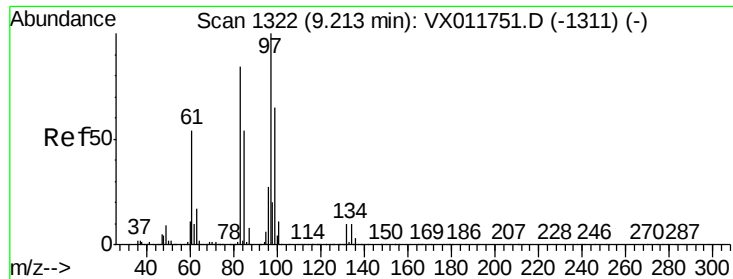


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

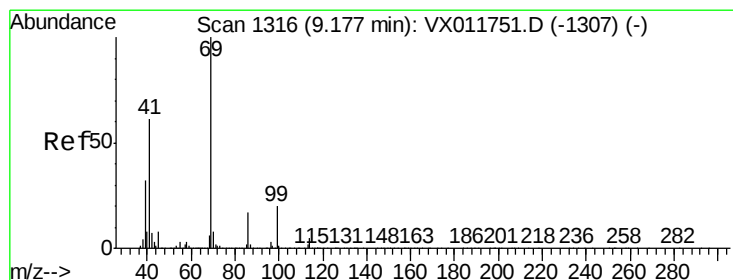
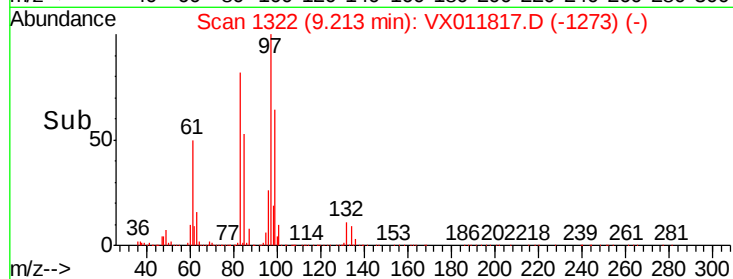
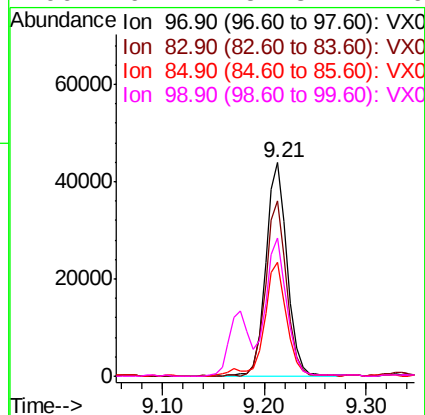
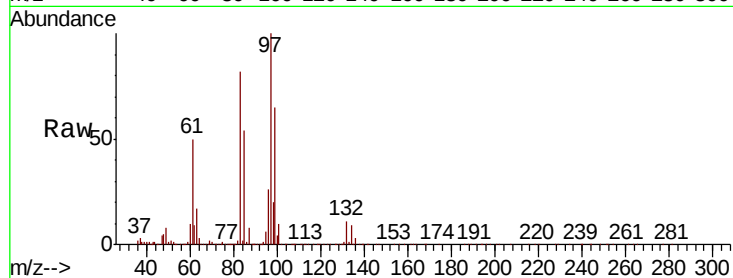




#55
 1,1,2-Trichloroethane
 Concen: 19.235 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

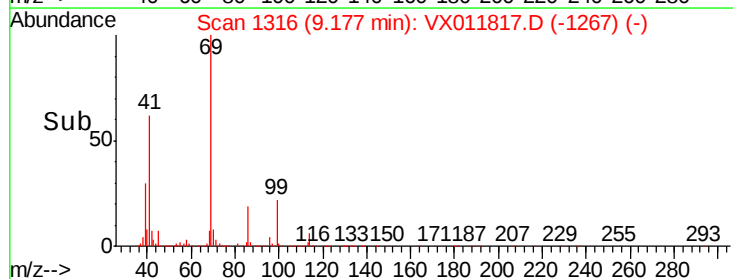
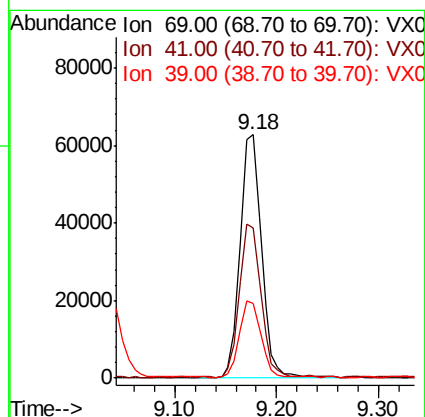
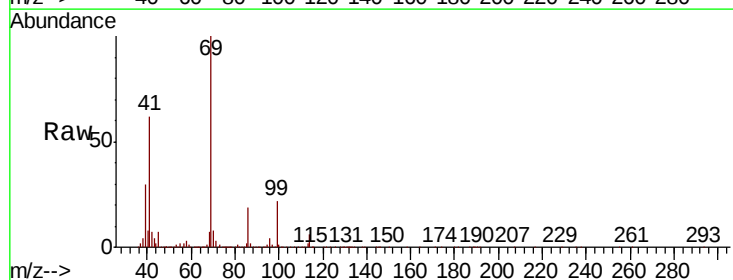
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

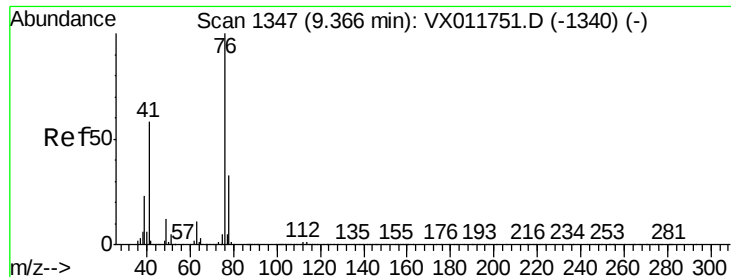
Tgt Ion:	97	Resp:	64166
Ion	Ratio	Lower	Upper
97	100		
83	81.7	67.3	100.9
85	53.3	43.4	65.2
99	64.4	51.8	77.6



#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 :

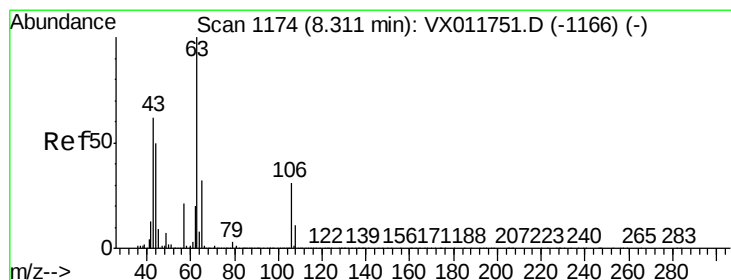
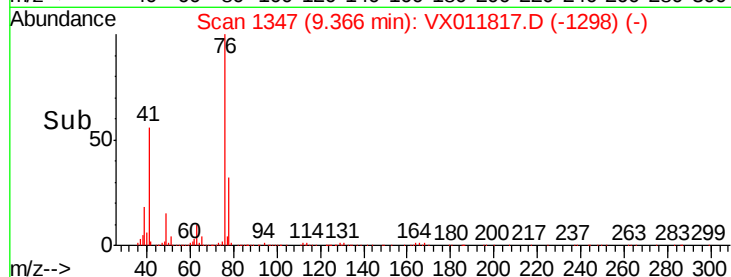
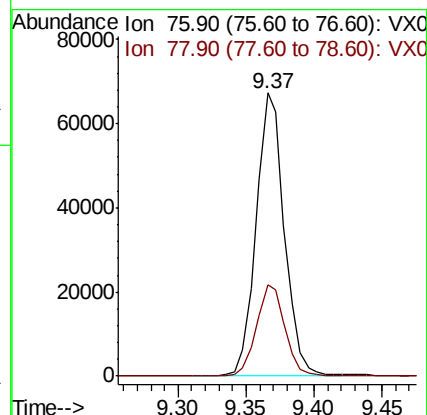
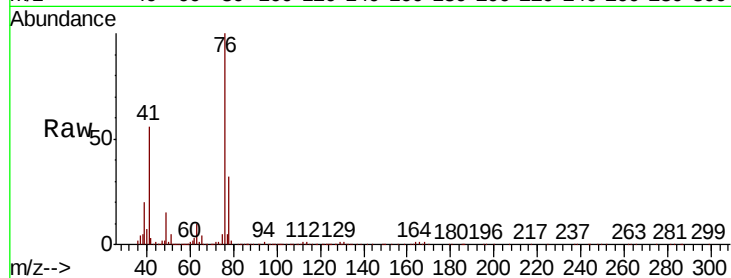
VX0824WBSD01

Tgt 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

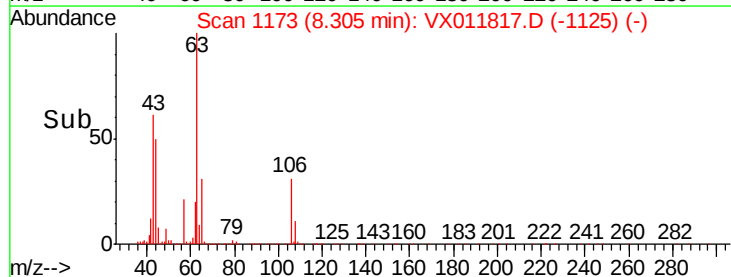
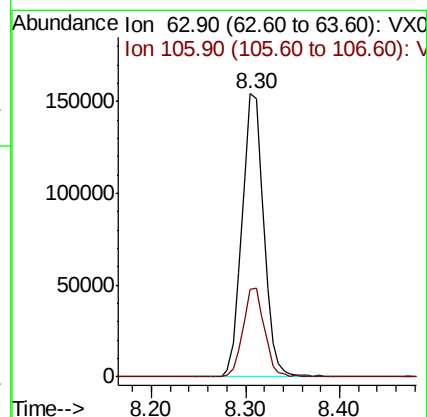
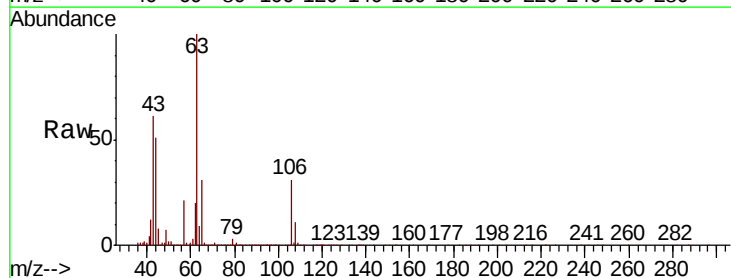
Acq: 24 Aug 2019 14:42

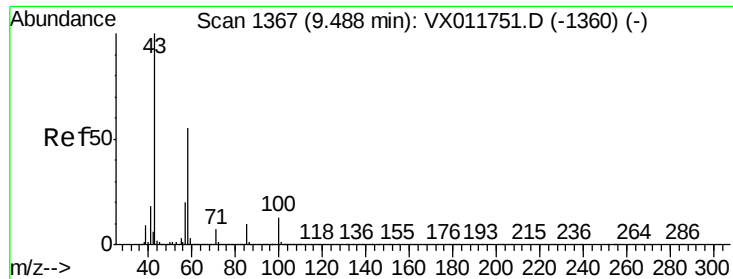
Tgt Ion: 63 Resp: 248136

Ion Ratio Lower Upper

63 100

106 31.3 24.9 37.3

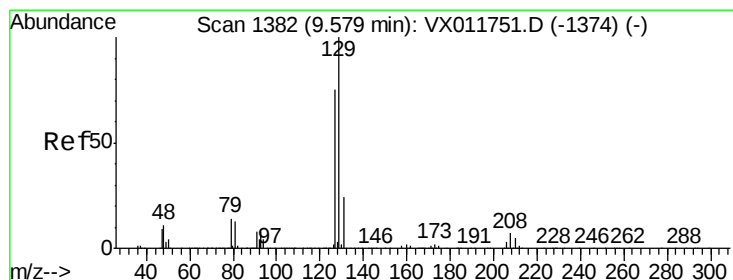
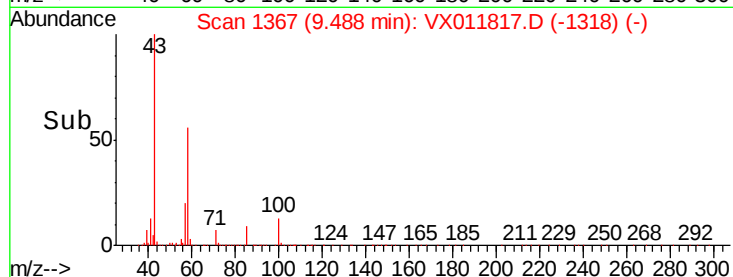
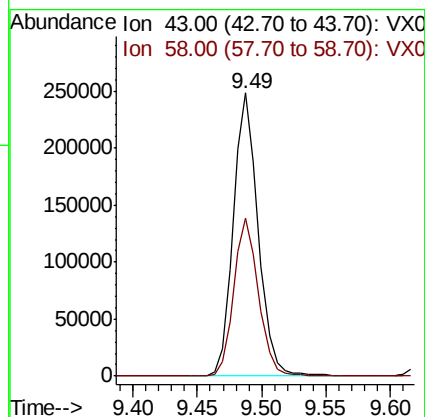
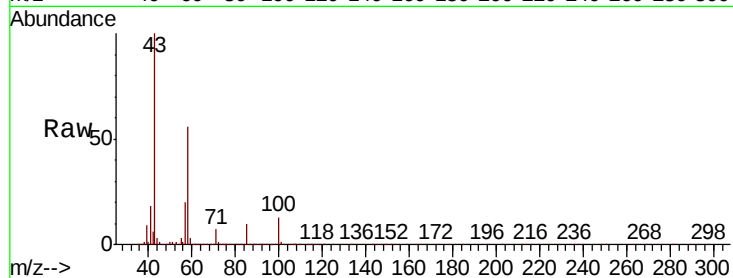




#59
2-Hexanone
Concen: 96.909 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

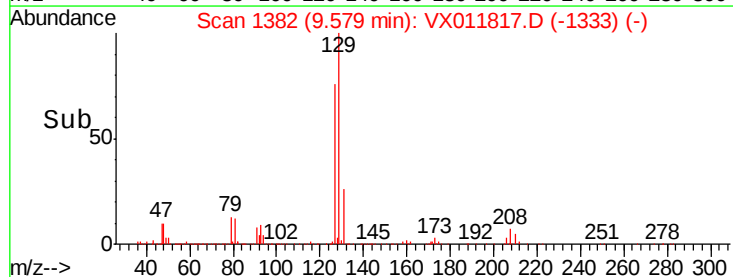
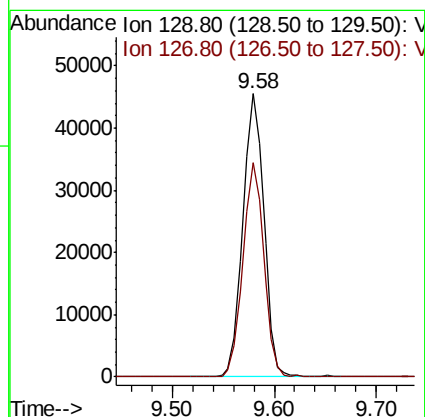
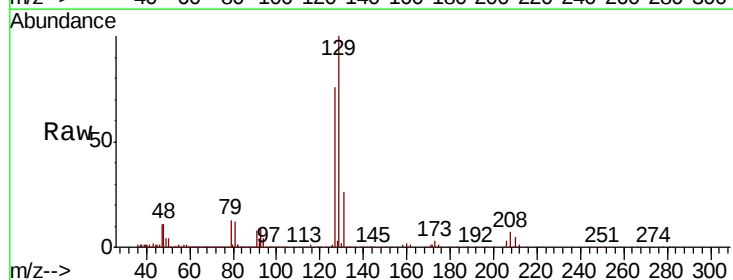
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

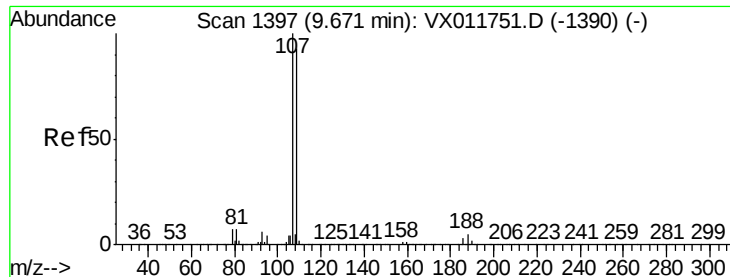
Tgt Ion: 43 Resp: 335765
Ion Ratio Lower Upper
43 100
58 55.7 27.7 83.1



#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

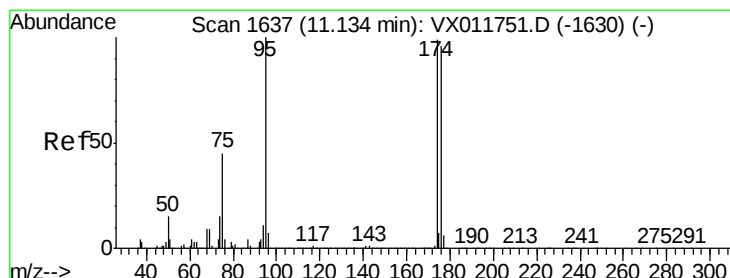
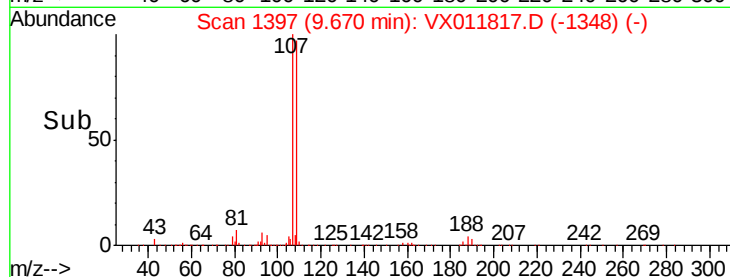
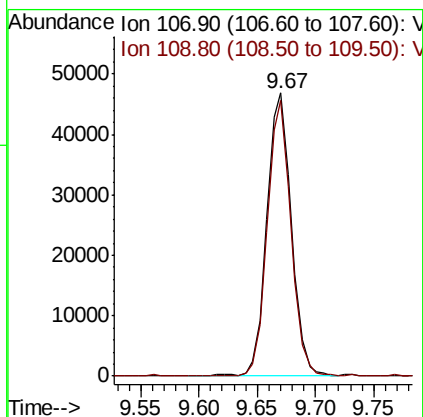
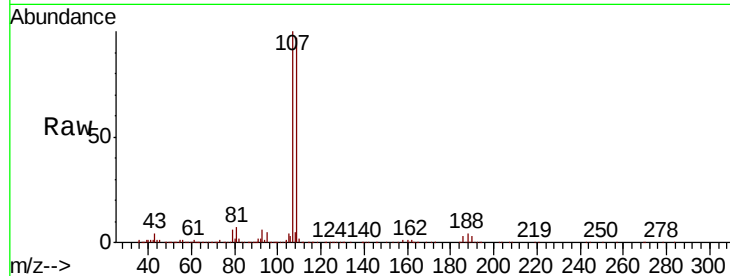




#61
 1,2-Dibromoethane
 Concen: 19.200 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

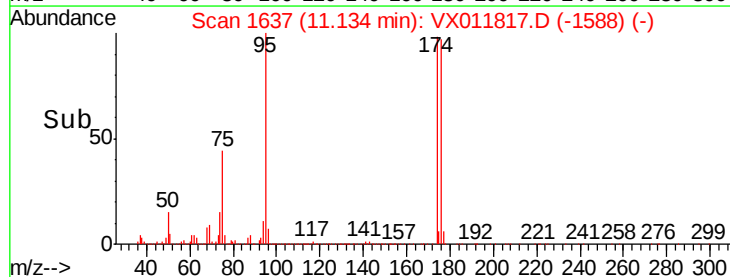
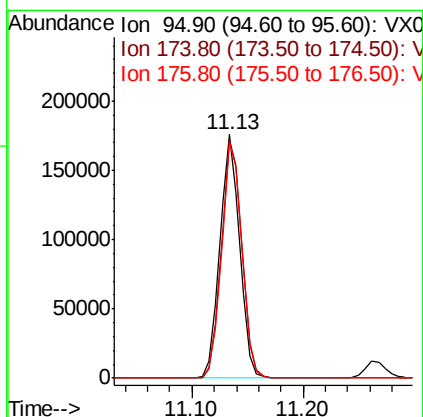
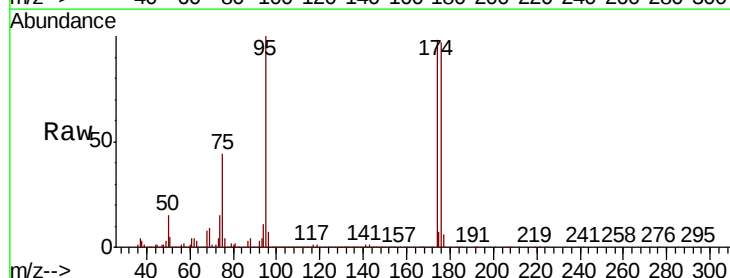
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

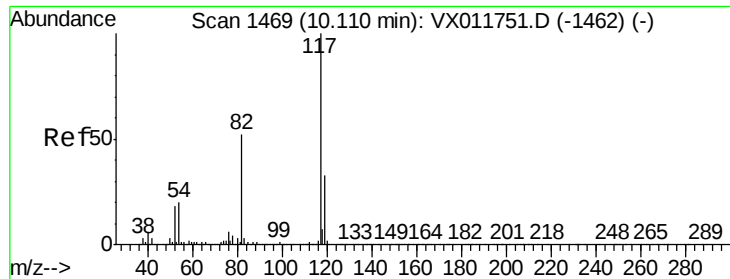
Tgt Ion: 107 Resp: 68722
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.8



#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

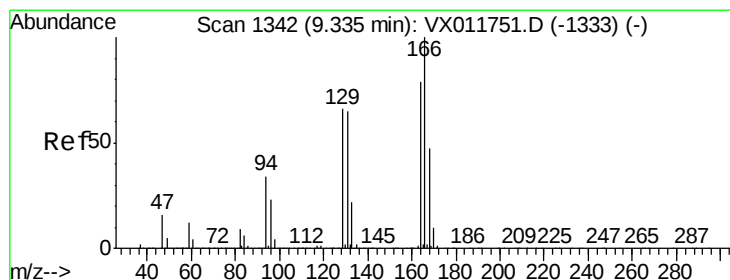
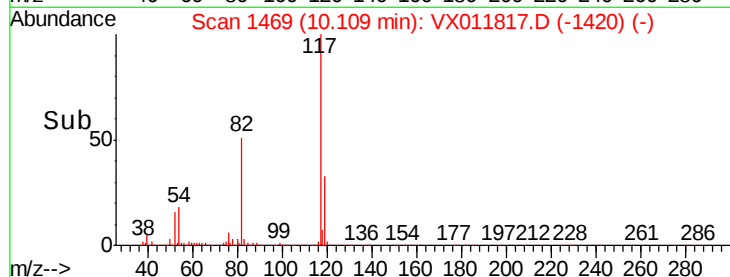
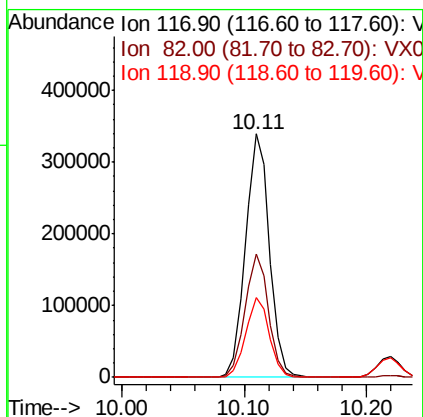
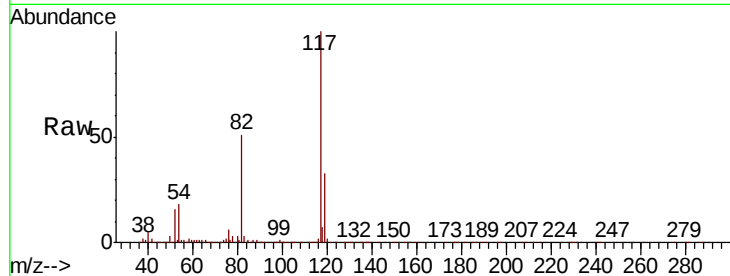




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

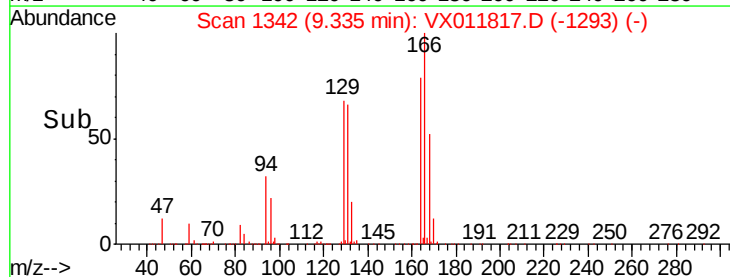
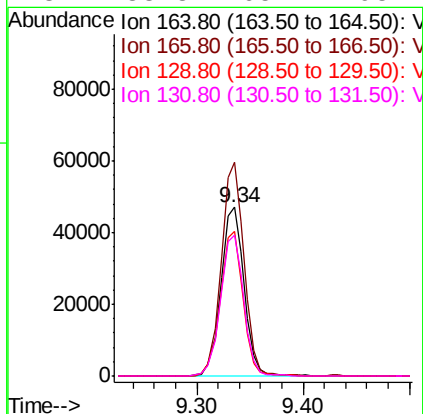
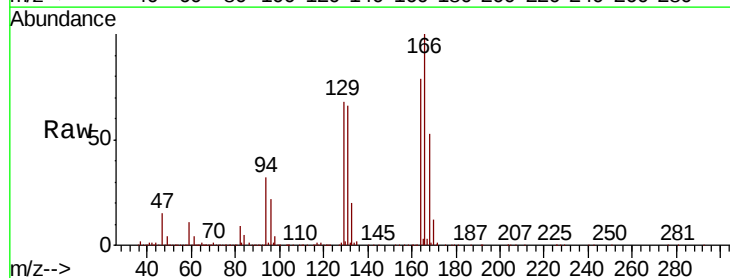
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

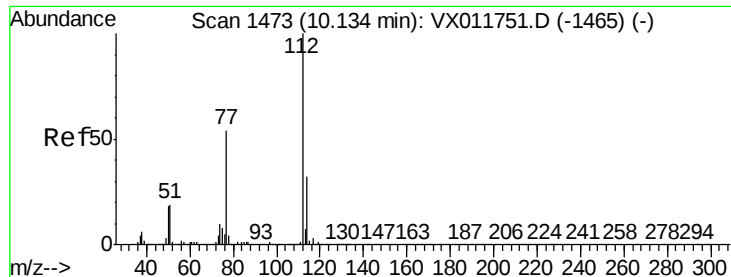
Tgt Ion:117 Resp: 459700
Ion Ratio Lower Upper
117 100
82 50.7 41.7 62.5
119 32.5 26.2 39.2



#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

ClientSampleId :

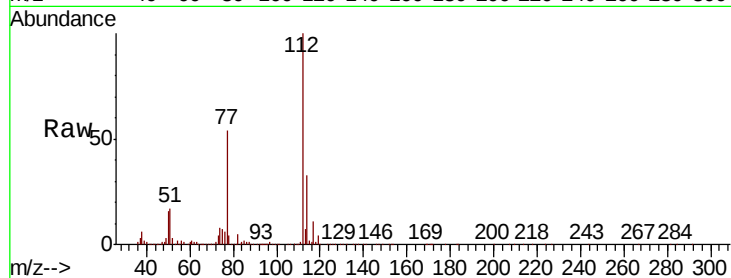
VX0824WBSD01

Tgt Ion:112 Resp: 164164

Ion Ratio Lower Upper

112 100

114 32.4 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

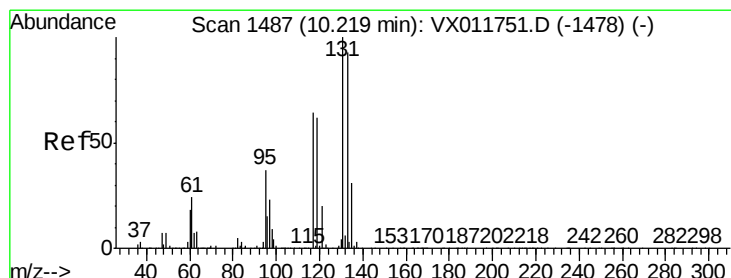
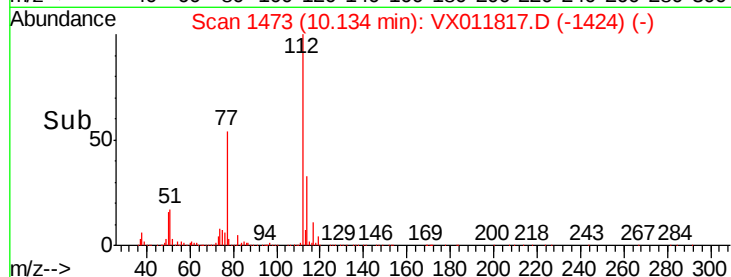
10.13

100000

50000

0

Time--> 10.05 10.10 10.15 10.20



#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

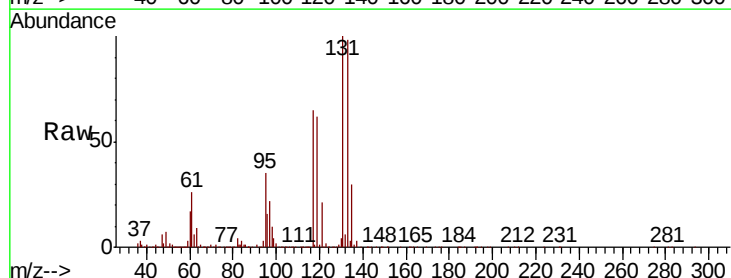
Tgt Ion:131 Resp: 61571

Ion Ratio Lower Upper

131 100

133 98.0 47.8 143.4

119 63.0 31.3 93.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

120000

100000

80000

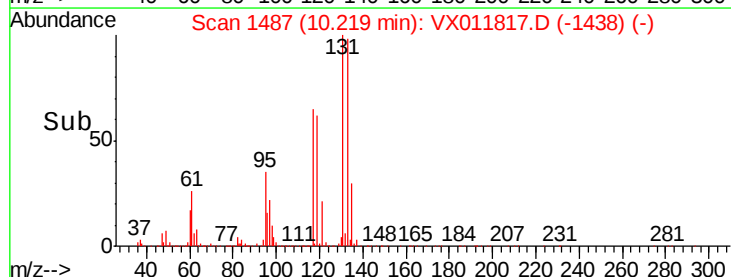
60000

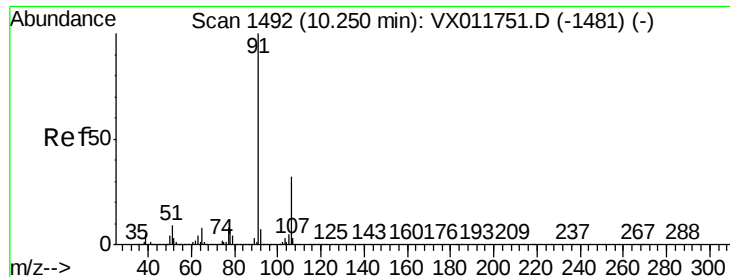
40000

20000

0

Time--> 10.20 10.25 10.30

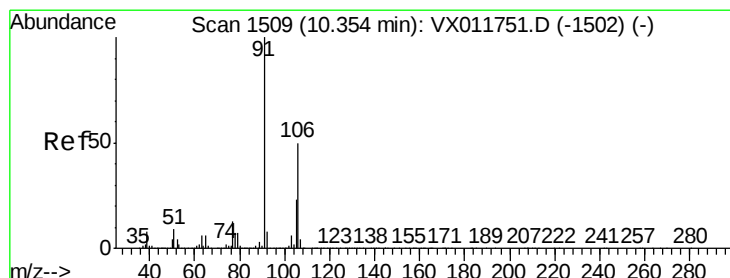
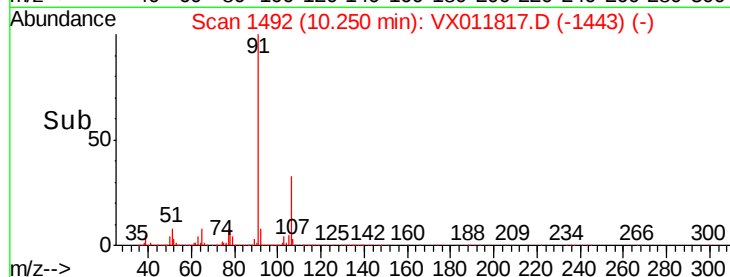
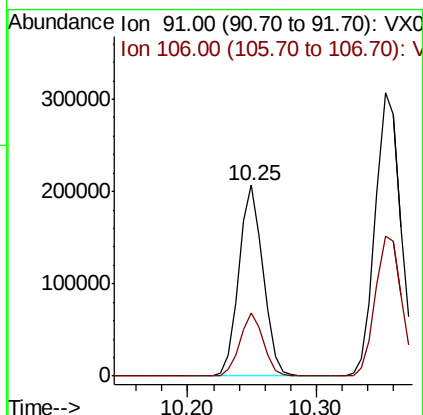
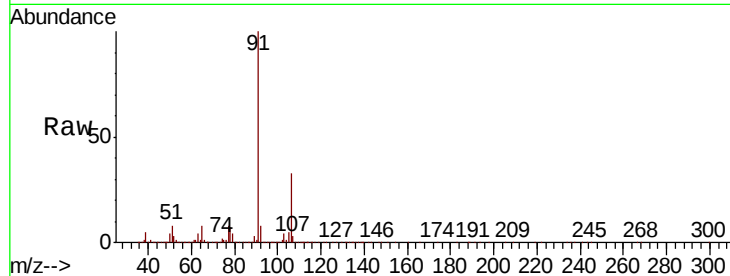




#67
Ethyl Benzene
Concen: 17.951 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

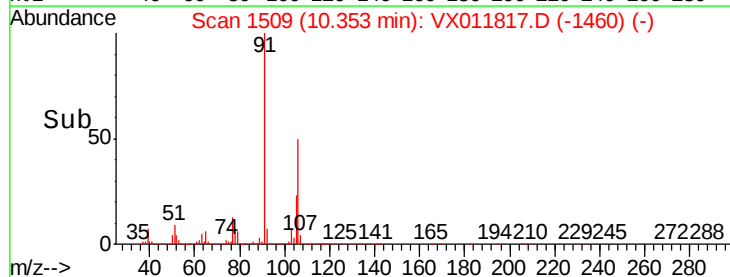
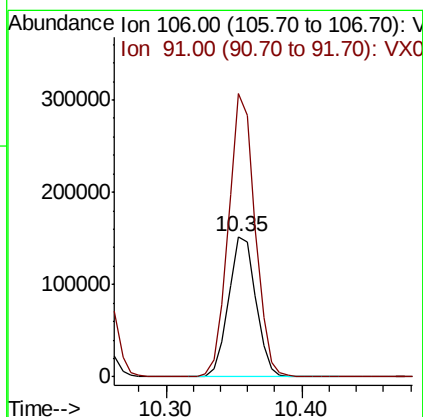
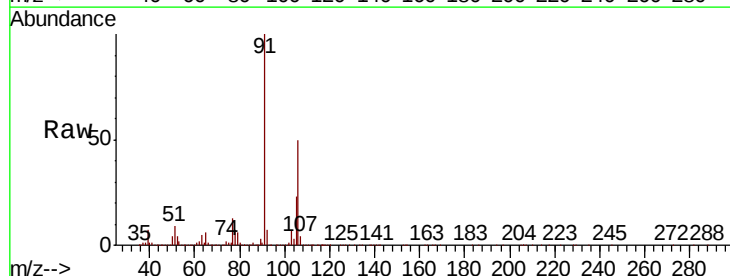
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

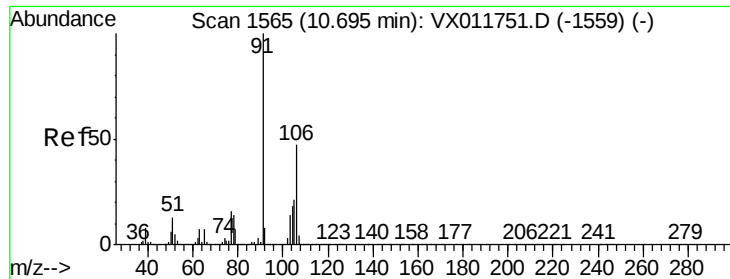
Tgt Ion: 91 Resp: 269239
Ion Ratio Lower Upper
91 100
106 33.3 25.5 38.3



#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

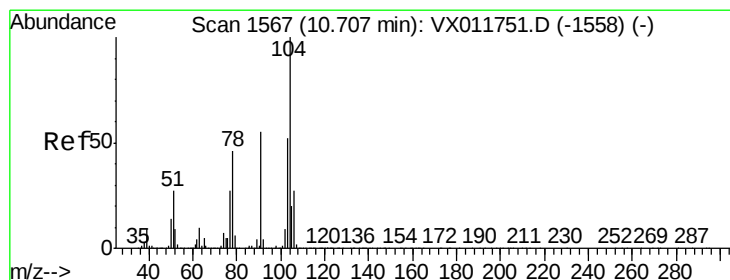
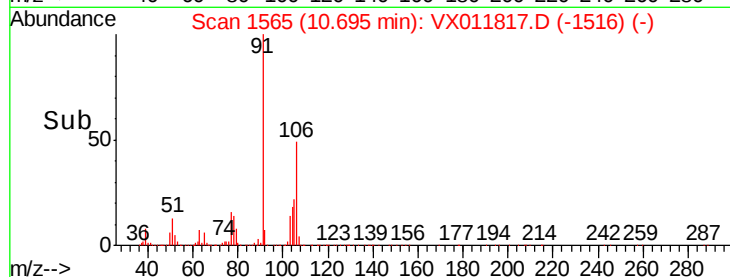
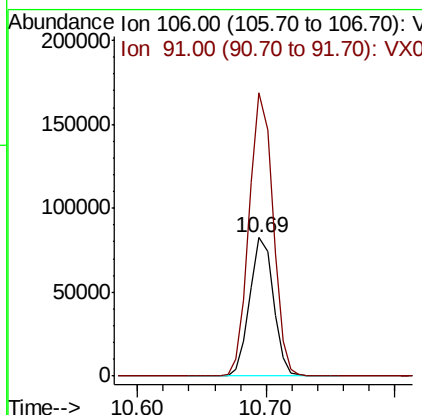
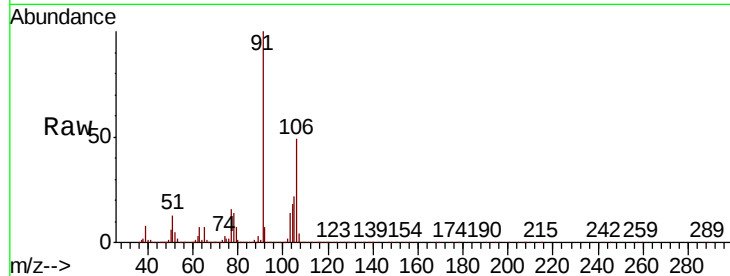




#69
o-Xylene
Concen: 18.453 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

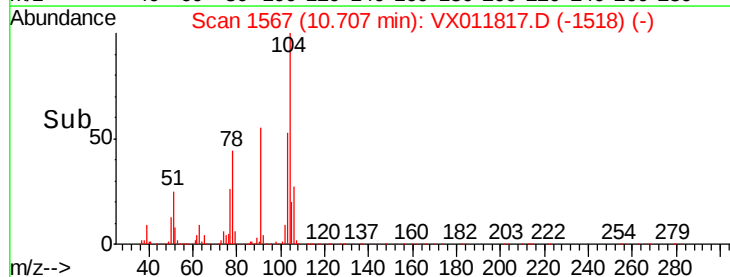
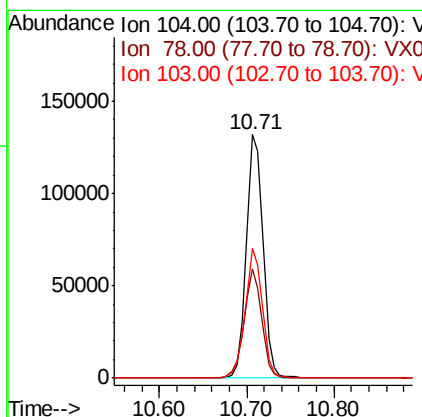
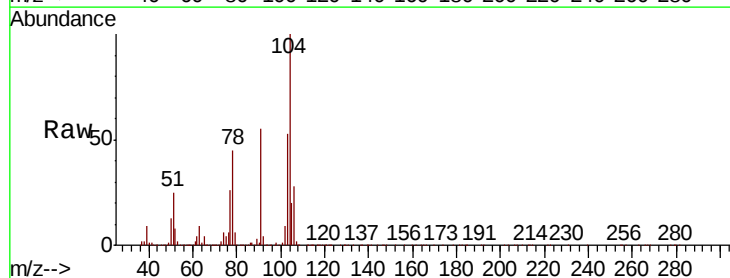
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

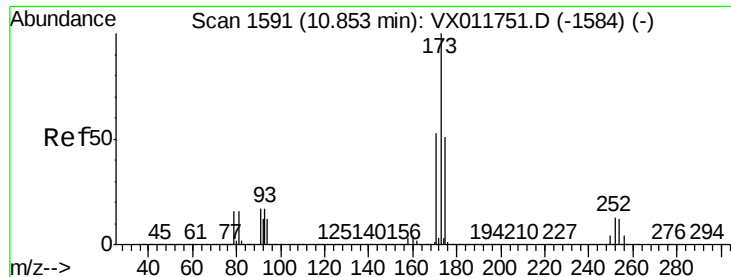
Tgt Ion:106 Resp: 104775
Ion Ratio Lower Upper
106 100
91 204.8 105.0 314.9



#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

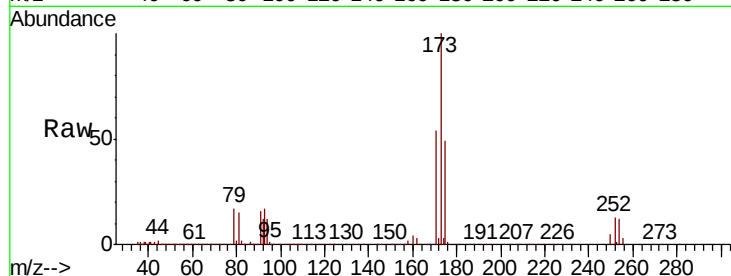
Tgt Ion:173 Resp: 52062

Ion Ratio Lower Upper

173 100

175 49.5 25.1 75.3

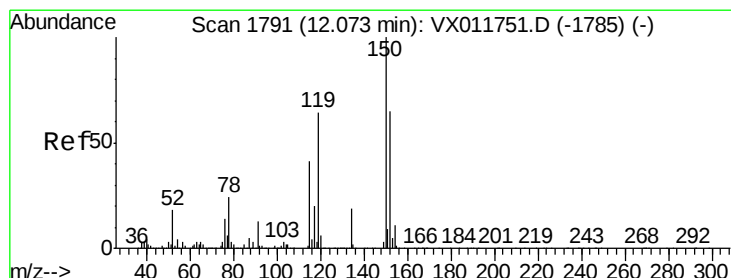
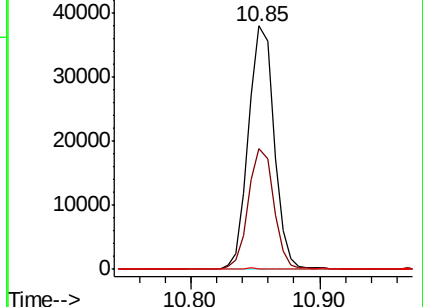
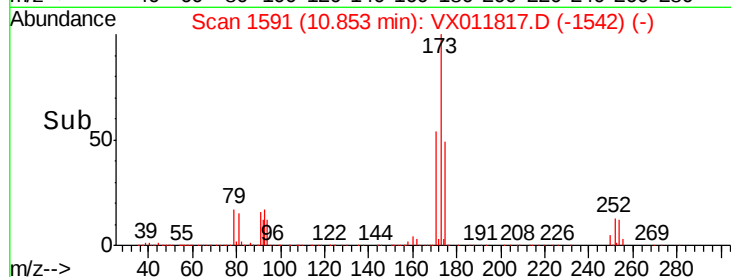
254 0.2 0.2 0.4#



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

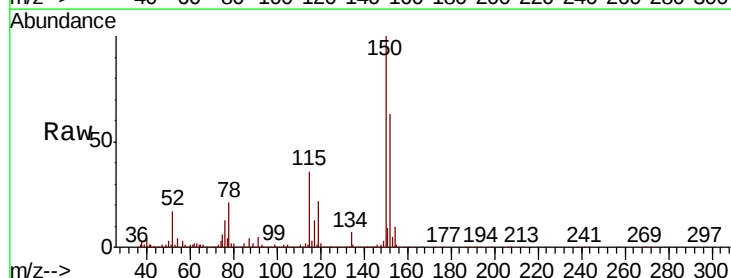
Tgt Ion:152 Resp: 250578

Ion Ratio Lower Upper

152 100

115 59.4 37.3 111.8

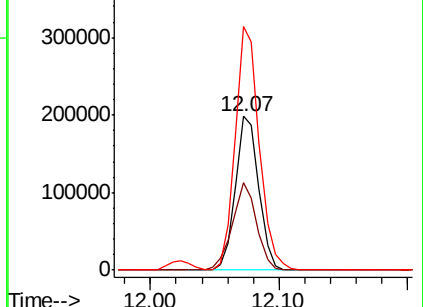
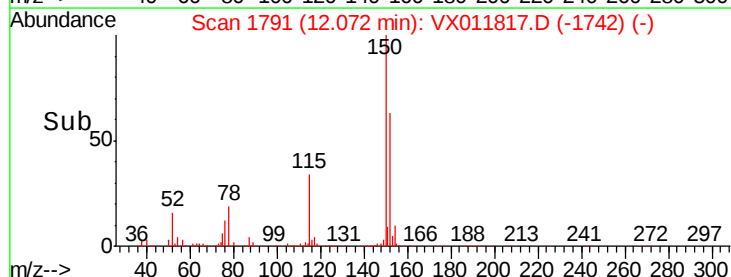
150 162.7 0.0 343.0

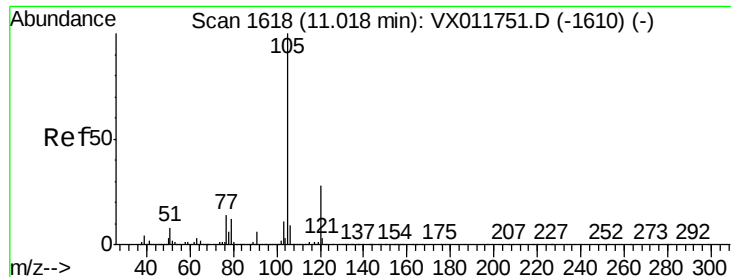


Abundance Ion 151.90 (151.60 to 152.60): V

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 :

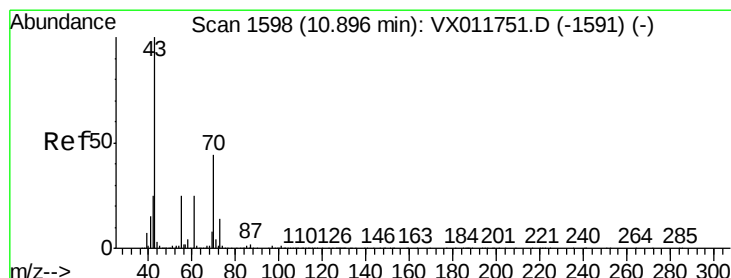
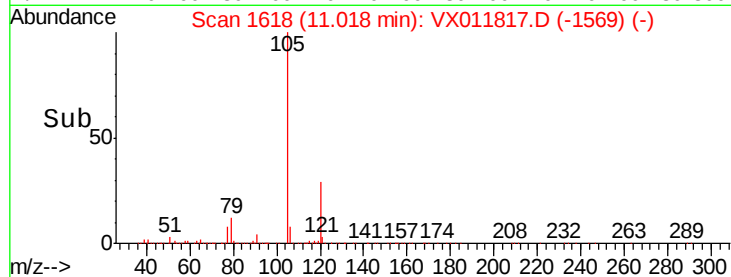
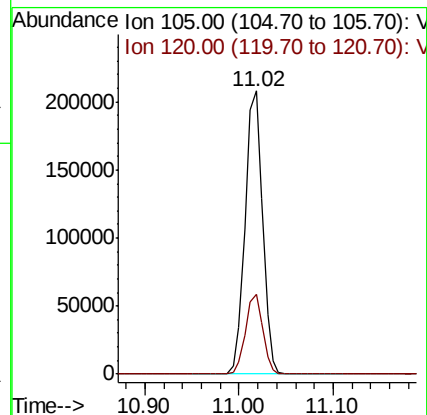
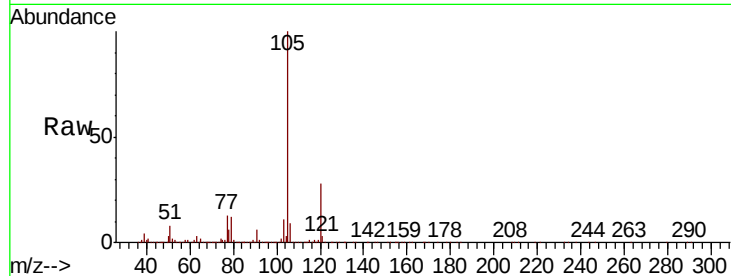
VX0824WBSD01

Tgt 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

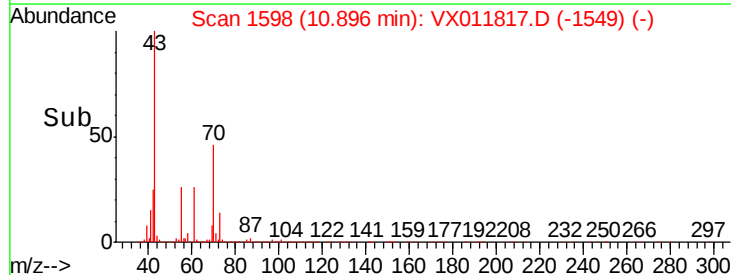
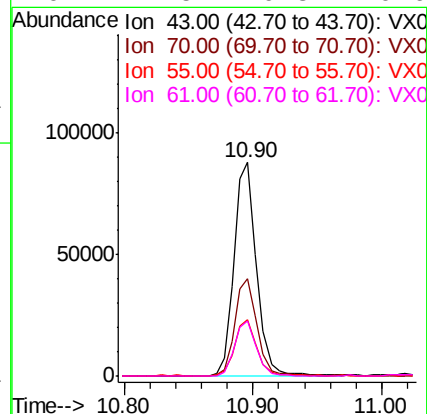
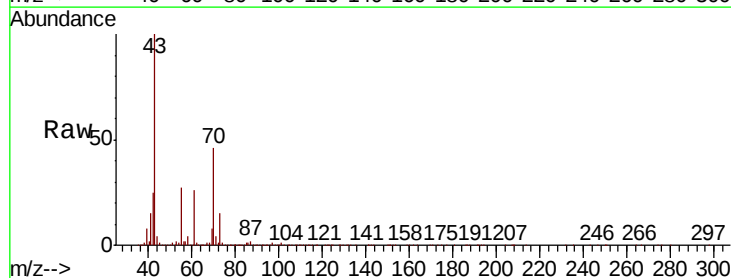
Ion Ratio Lower Upper

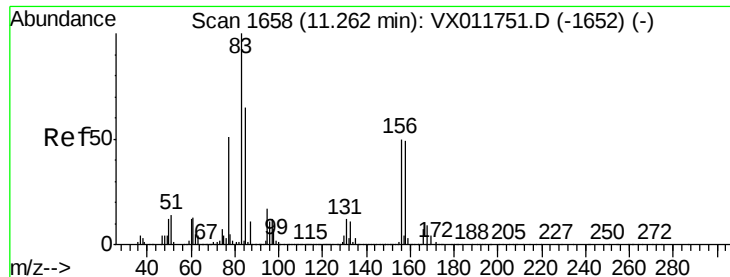
43 100

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

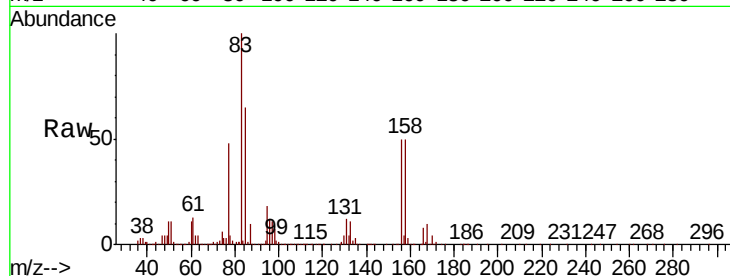
Tgt Ion: 83 Resp: 92625

Ion Ratio Lower Upper

83 100

131 12.2 6.1 18.3

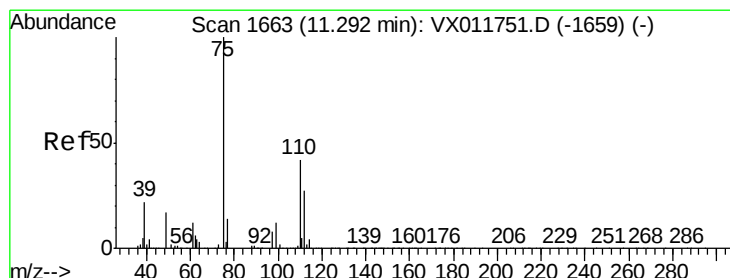
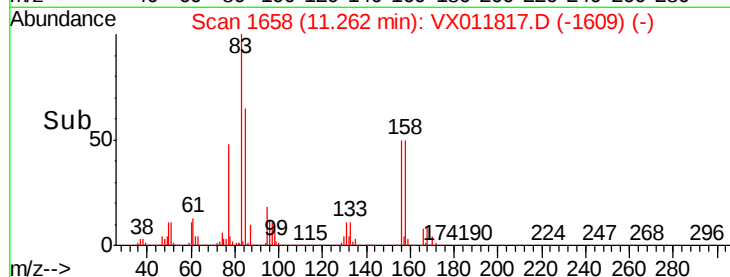
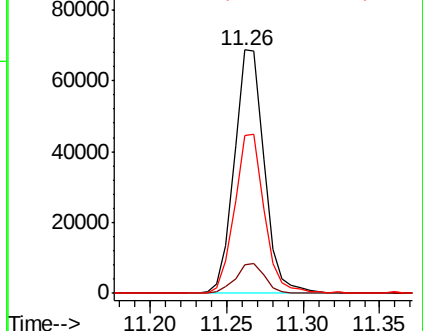
85 65.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.031 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011817.D

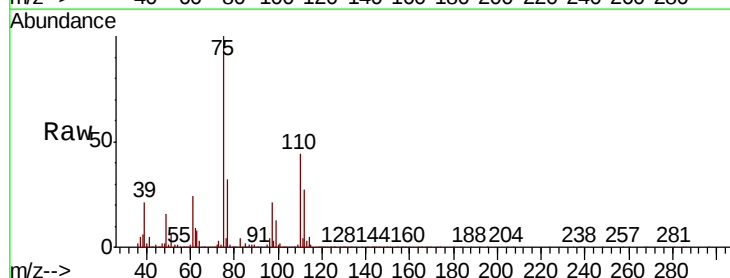
Acq: 24 Aug 2019 14:42

Tgt Ion: 75 Resp: 96866

Ion Ratio Lower Upper

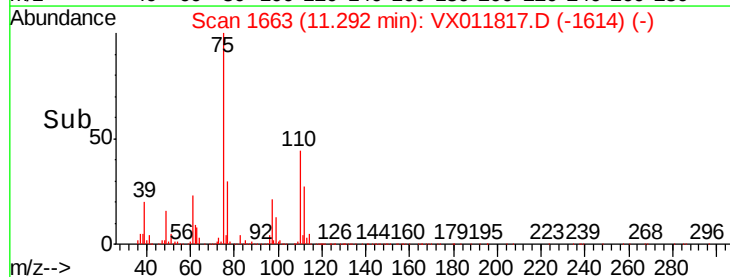
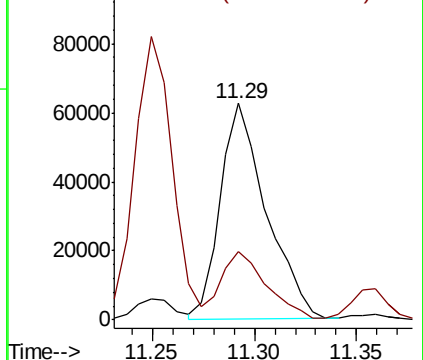
75 100

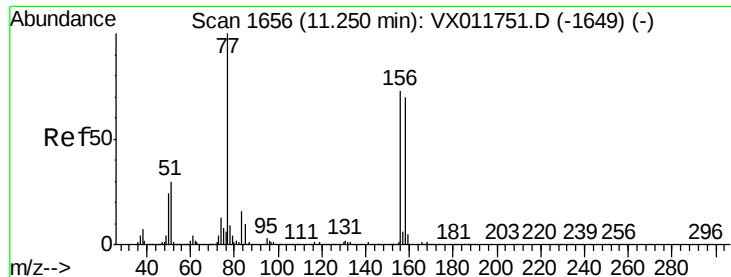
77 31.4 21.1 63.3



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

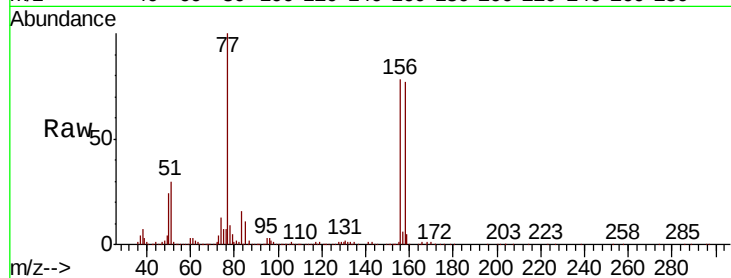
Tgt Ion:156 Resp: 84036

Ion Ratio Lower Upper

156 100

77 124.9 65.3 196.0

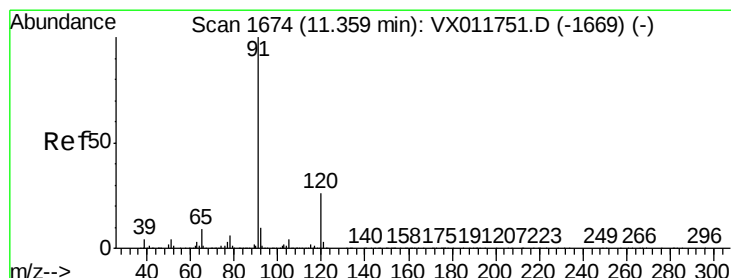
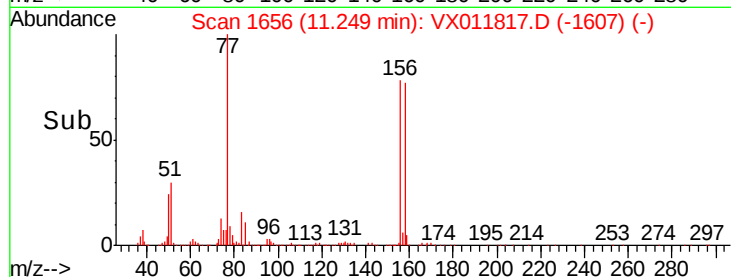
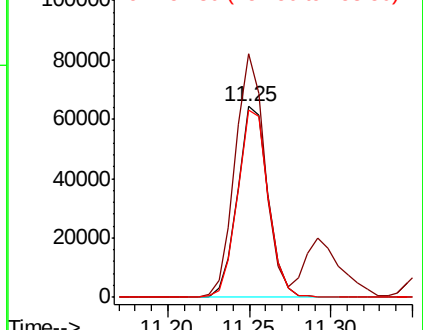
158 98.7 48.4 145.0



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

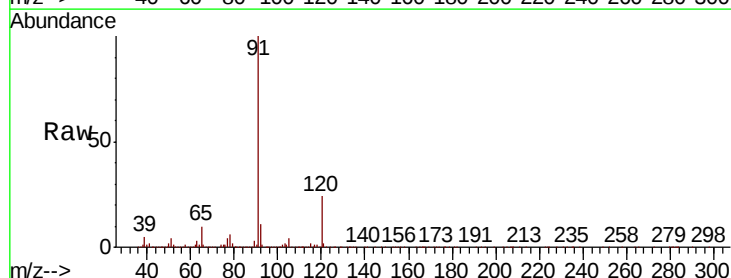
Acq: 24 Aug 2019 14:42

Tgt Ion: 91 Resp: 290991

Ion Ratio Lower Upper

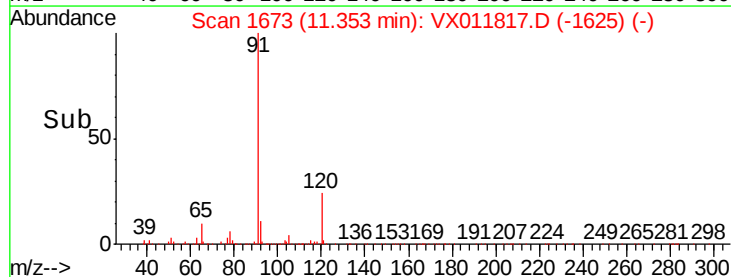
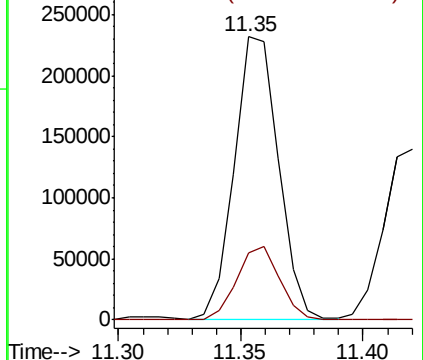
91 100

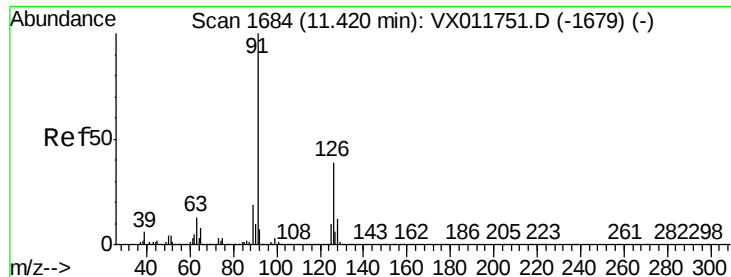
120 25.5 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

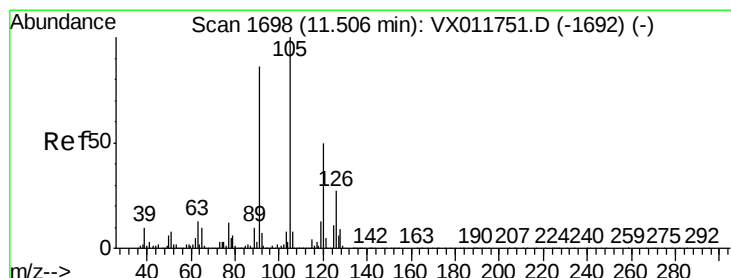
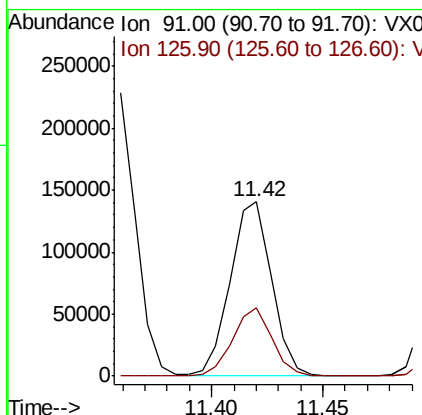
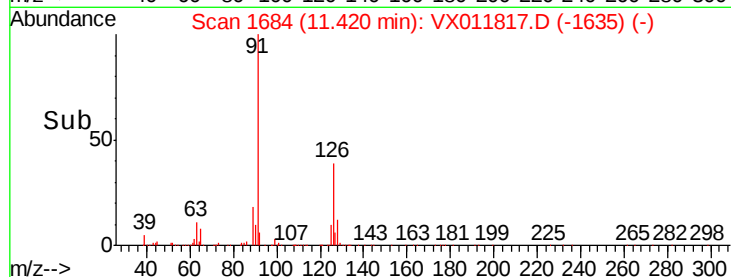
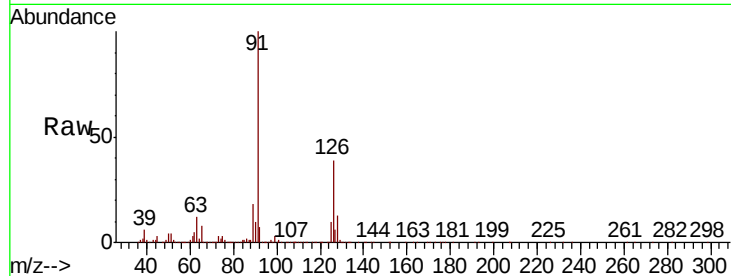




#79
 2-Chlorotoluene
 Concen: 18.004 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

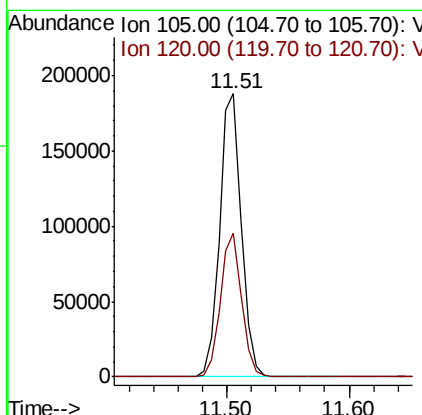
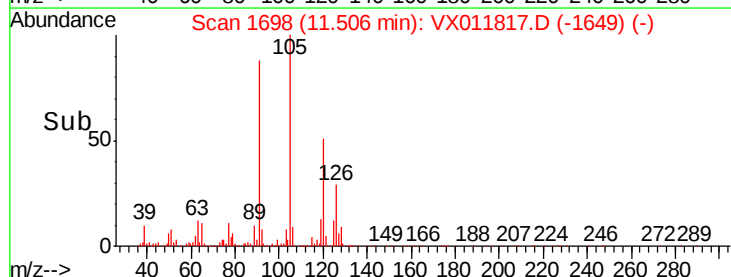
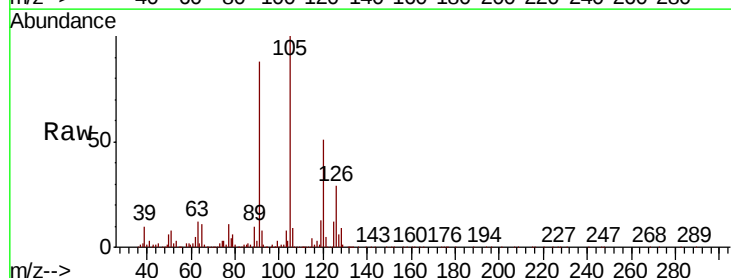
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

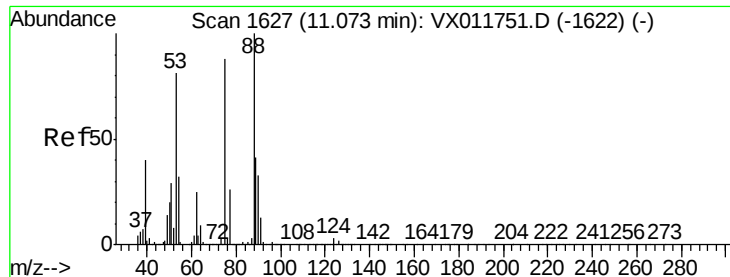
Tgt Ion: 91 Resp: 180861
 Ion Ratio Lower Upper
 91 100
 126 37.5 18.6 55.6



#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

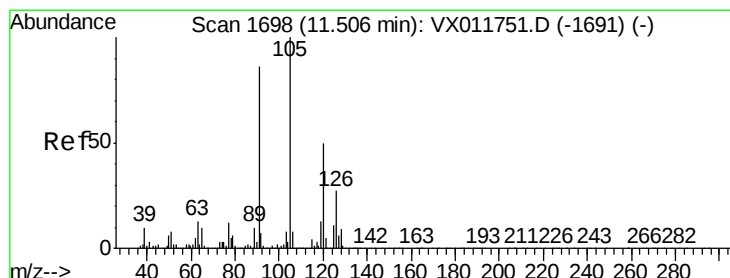
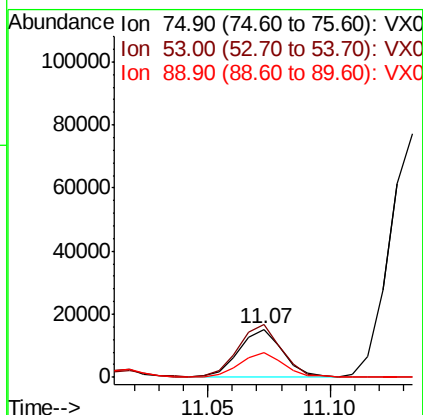
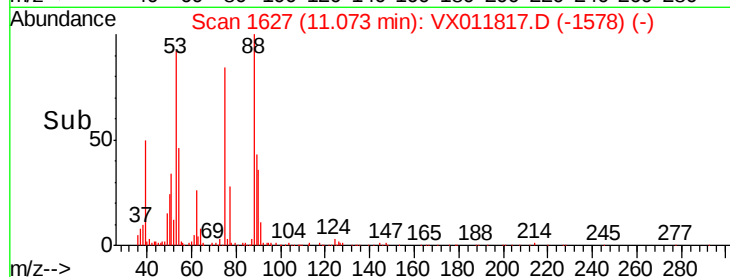
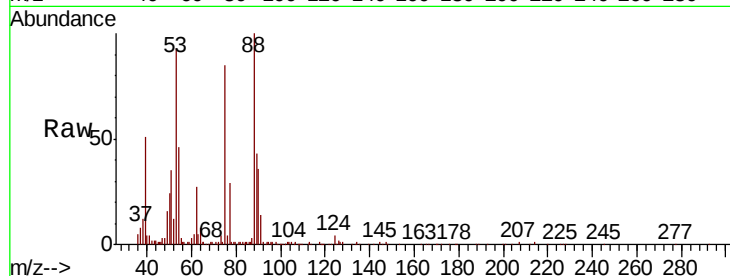
Tgt Ion: 75 Resp: 18710

Ion Ratio Lower Upper

75 100

53 109.3 77.1 115.7

89 52.2 38.5 57.7



#82

4-Chlorotoluene

Concen: 17.874 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011817.D

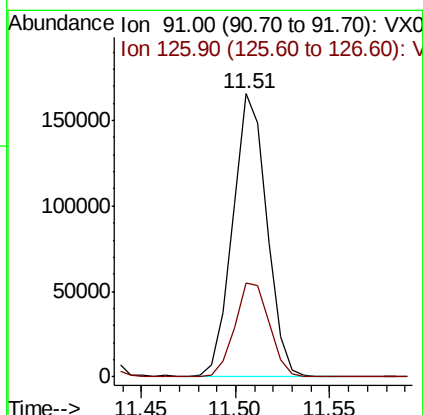
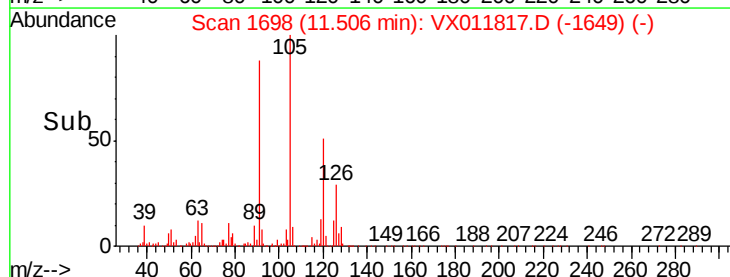
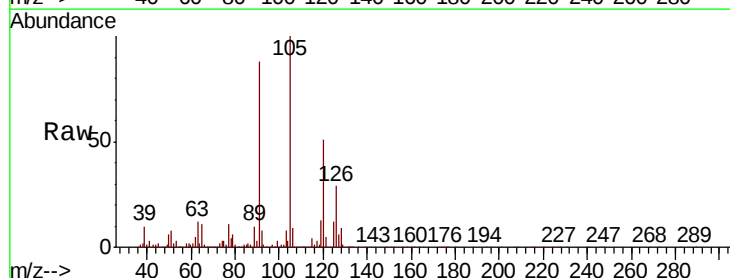
Acq: 24 Aug 2019 14:42

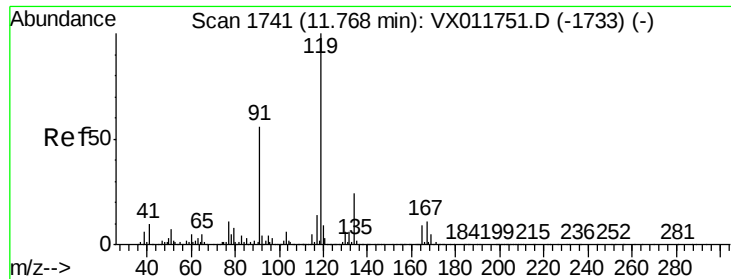
Tgt Ion: 91 Resp: 206968

Ion Ratio Lower Upper

91 100

126 33.9 16.2 48.6





#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

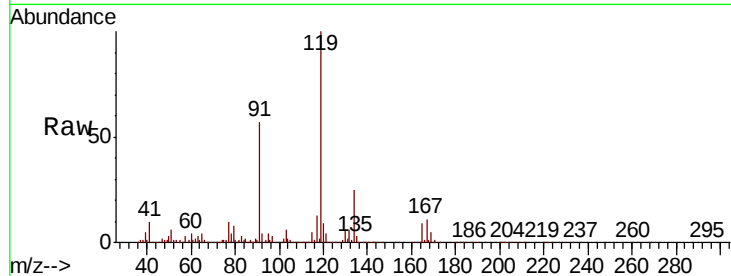
Tgt Ion:119 Resp: 229833

Ion Ratio Lower Upper

119 100

91 55.8 27.7 83.1

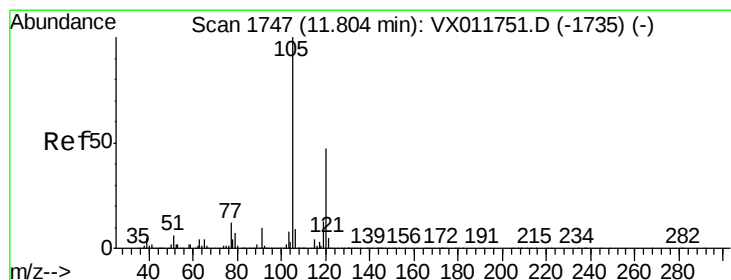
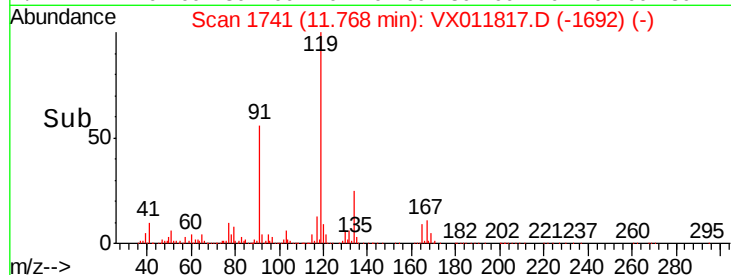
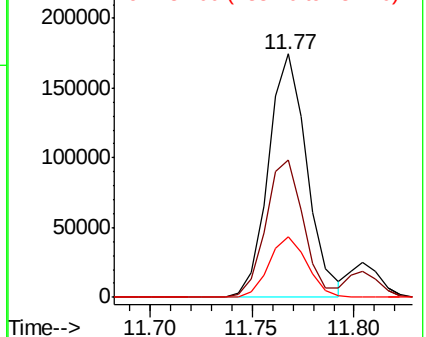
134 24.6 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.262 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011817.D

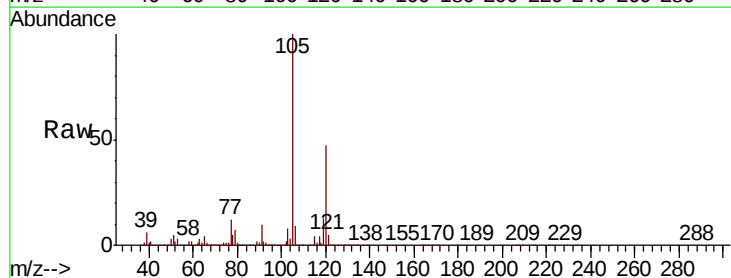
Acq: 24 Aug 2019 14:42

Tgt Ion:105 Resp: 232348

Ion Ratio Lower Upper

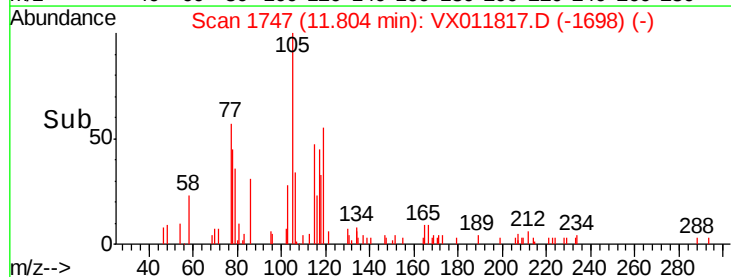
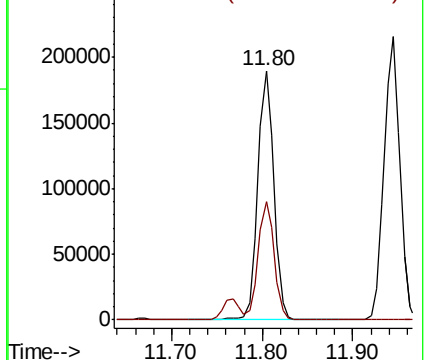
105 100

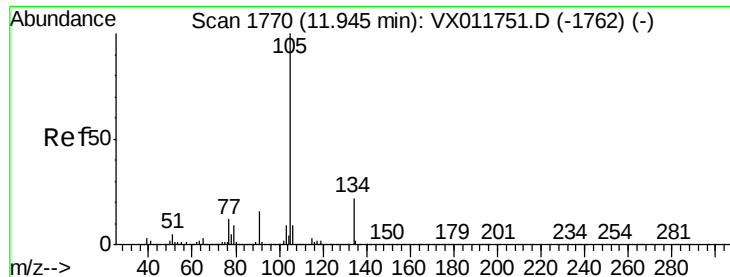
120 47.1 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#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 :

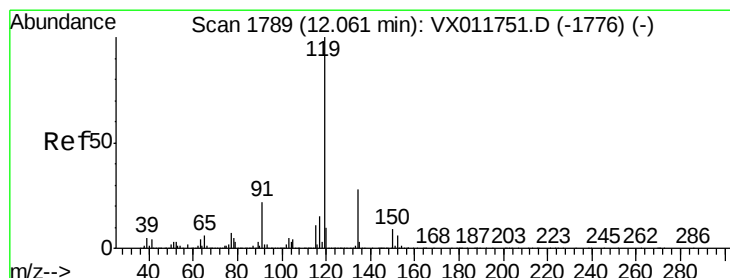
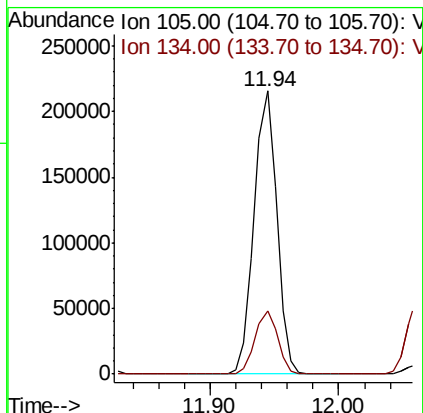
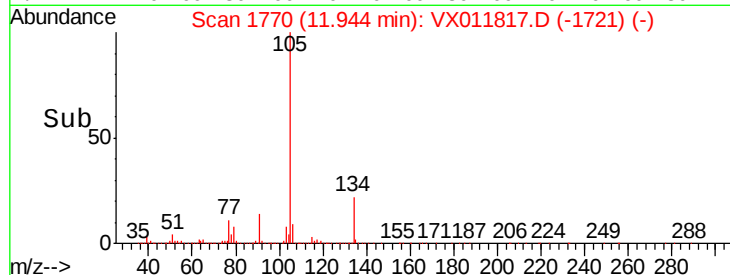
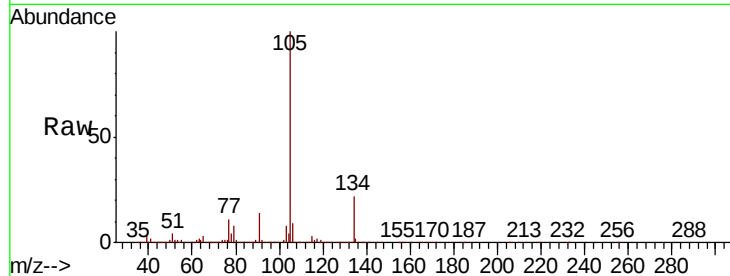
VX0824WBSD01

Tgt 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

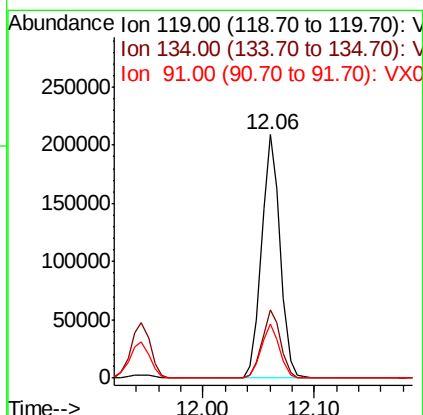
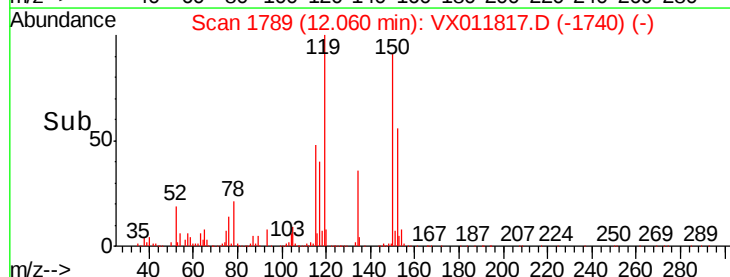
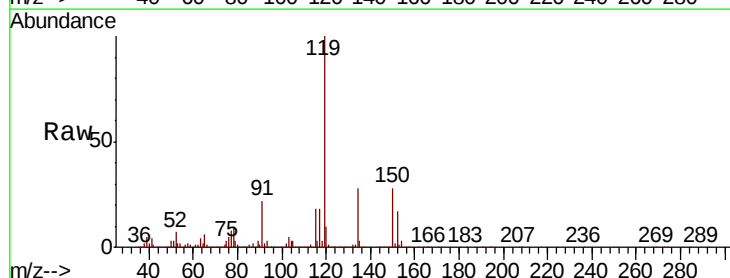
Tgt Ion:119 Resp: 244239

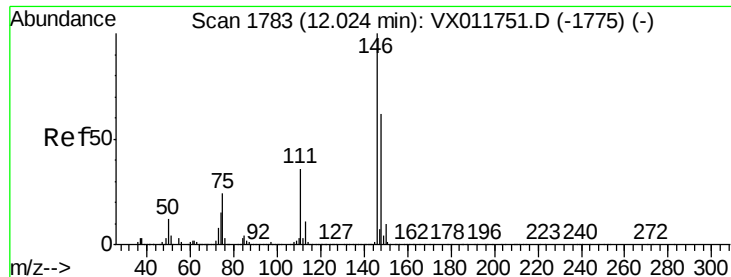
Ion Ratio Lower Upper

119 100

134 27.9 13.7 41.0

91 22.1 11.1 33.3

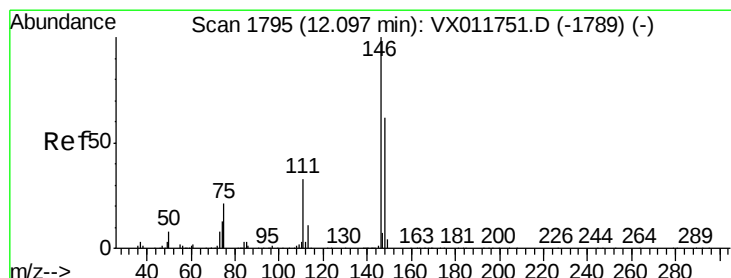
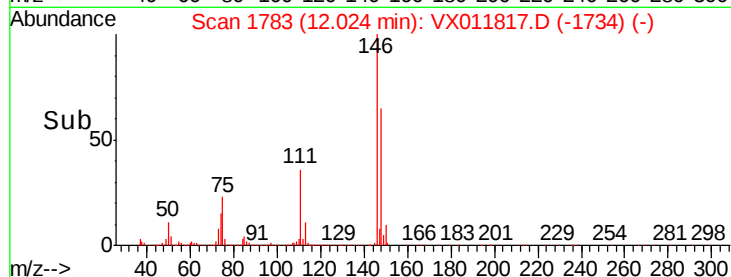
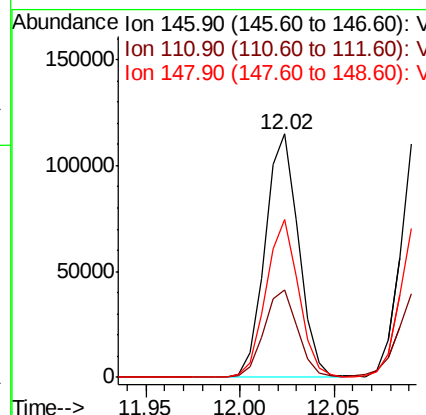
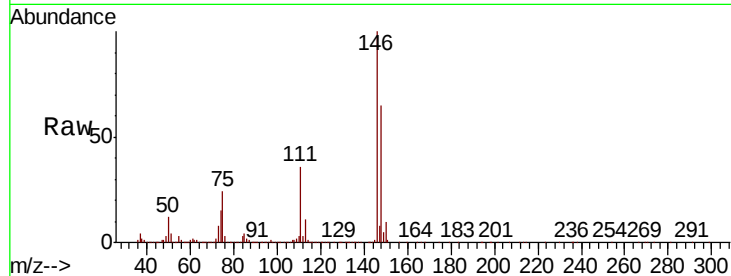




#87
 1,3-Dichlorobenzene
 Concen: 18.436 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

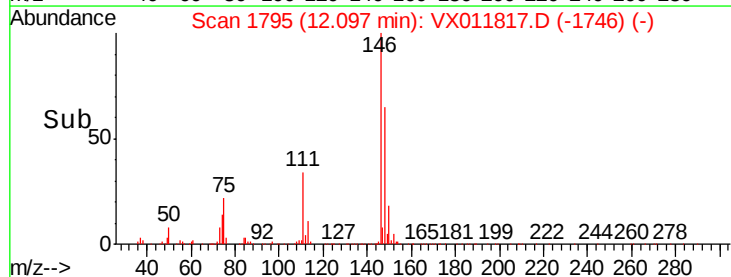
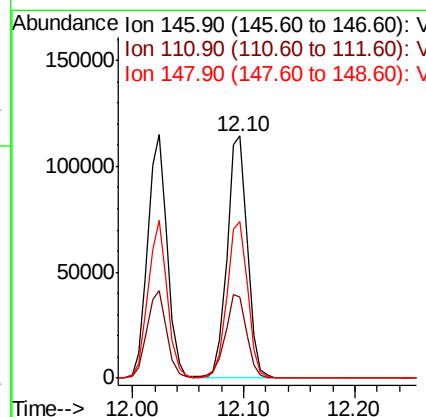
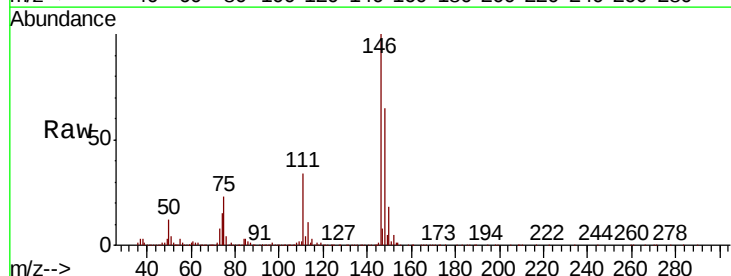
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

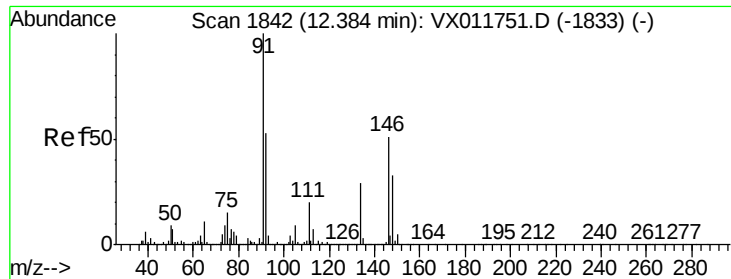
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.4
148	63.5	31.6	94.7



#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

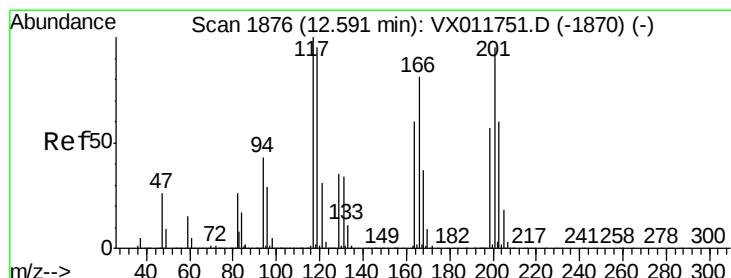
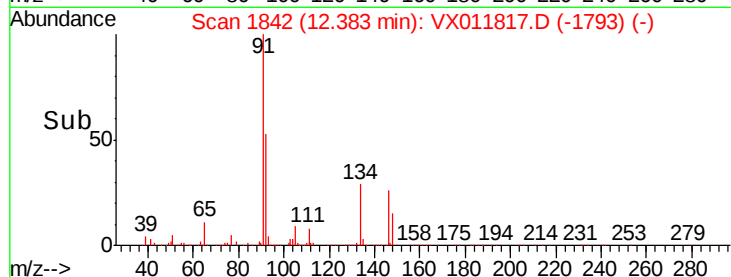
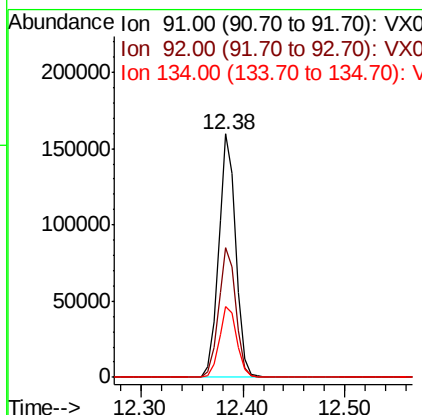
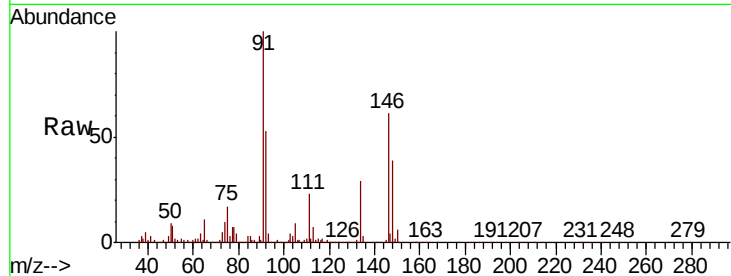




#89
n-Butylbenzene
Concen: 16.561 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

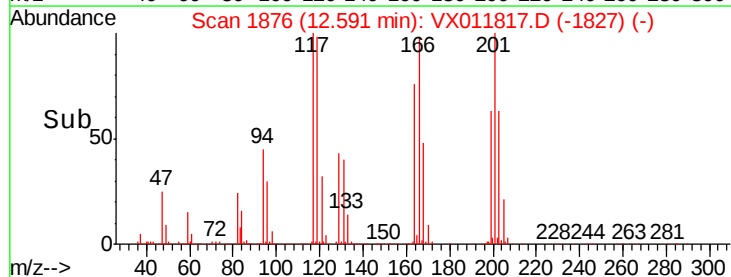
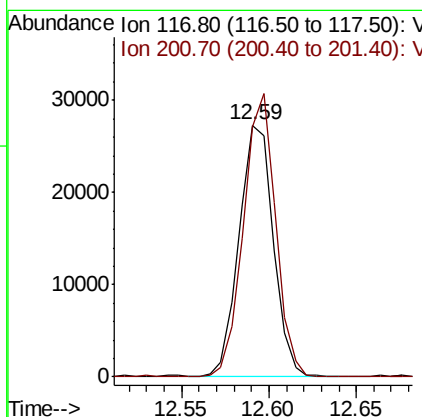
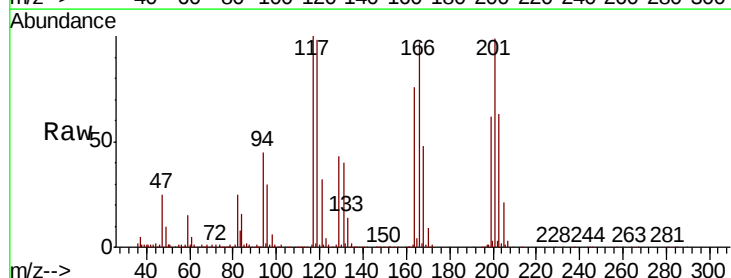
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

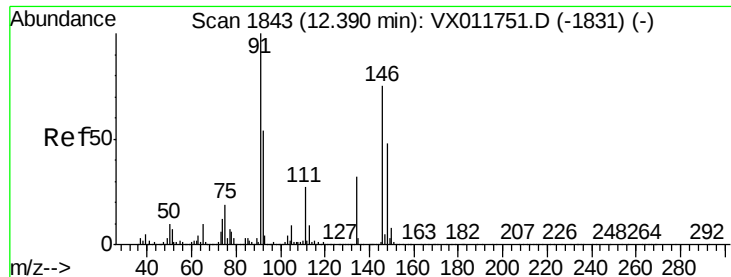
Tgt Ion: 91 Resp: 187561
Ion Ratio Lower Upper
91 100
92 53.7 26.7 80.0
134 29.9 14.6 43.8



#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

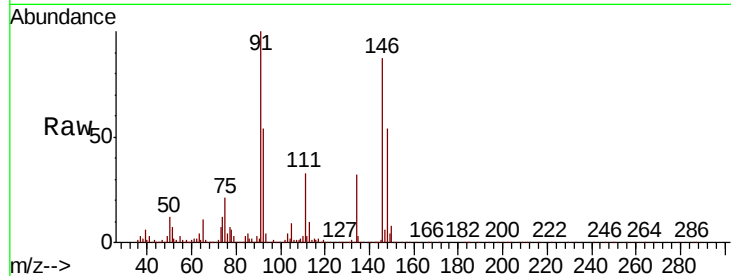
Tgt Ion:146 Resp: 144477

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.4

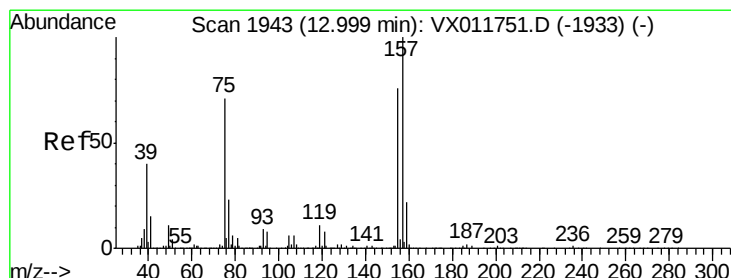
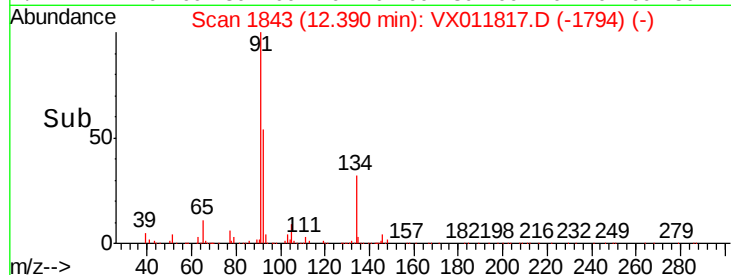
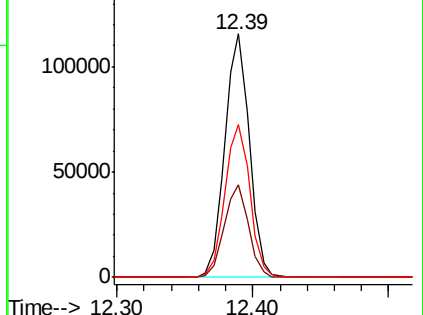
148 63.8 31.6 95.0



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

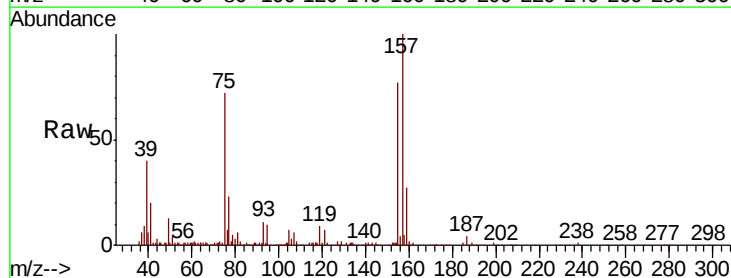
Tgt Ion: 75 Resp: 20932

Ion Ratio Lower Upper

75 100

155 107.0 52.6 157.9

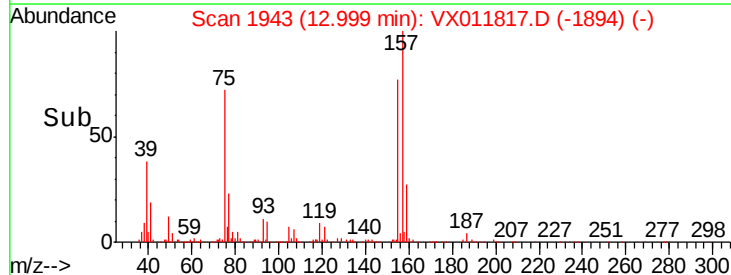
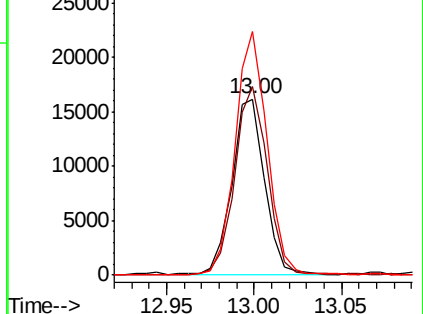
157 135.8 68.3 204.9

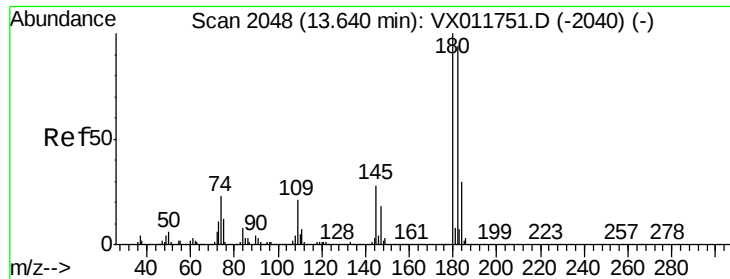


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

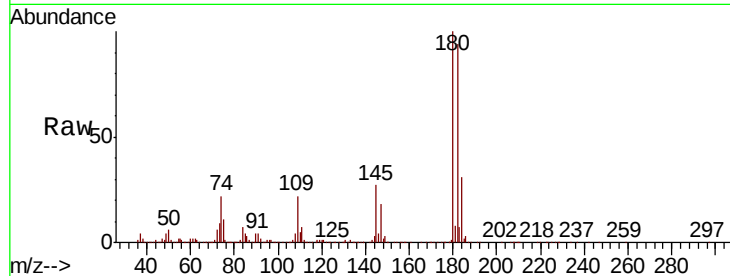




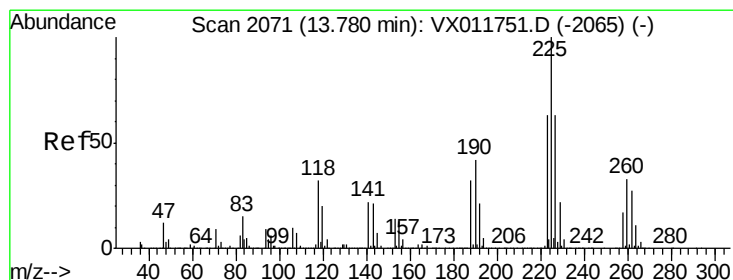
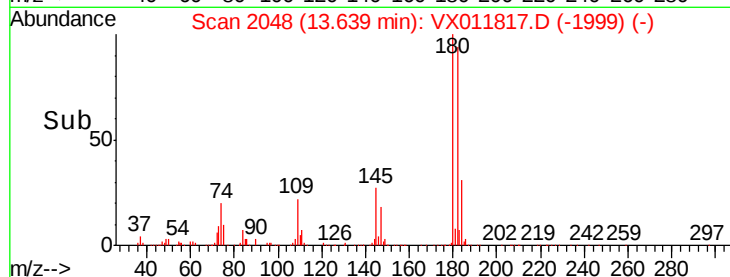
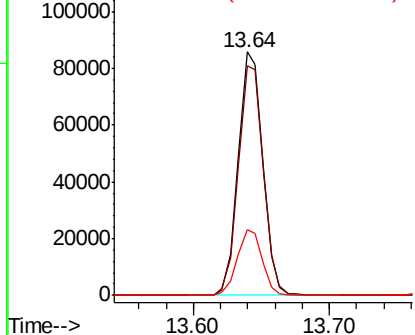
#93
 1,2,4-Trichlorobenzene
 Concen: 18.910 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

Tgt Ion:180 Resp: 107553
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.8 143.4
 145 27.3 14.1 42.3

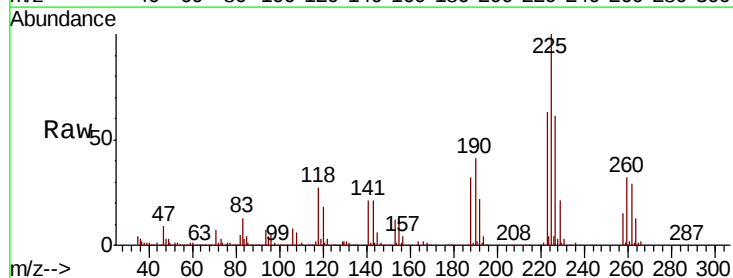


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

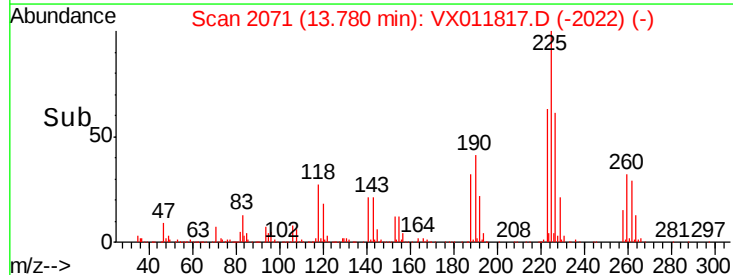
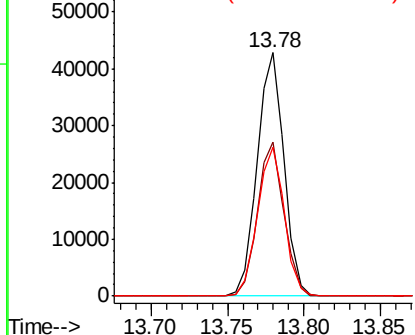


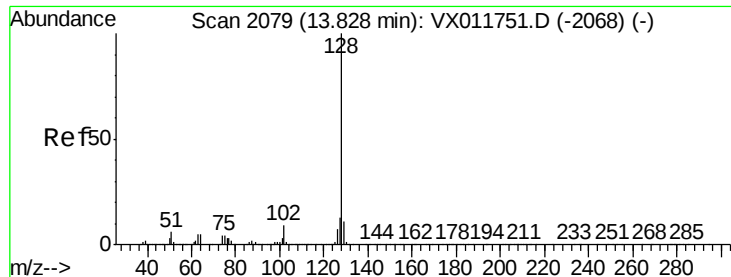
#94
 Hexachlorobutadiene
 Concen: 16.783 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011817.D
 Acq: 24 Aug 2019 14:42

Tgt Ion:225 Resp: 52305
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.0 93.0
 227 61.5 31.8 95.3



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

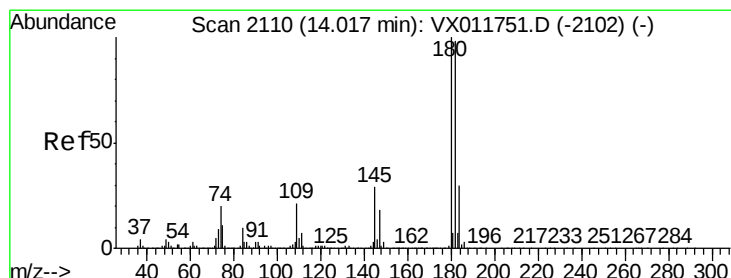
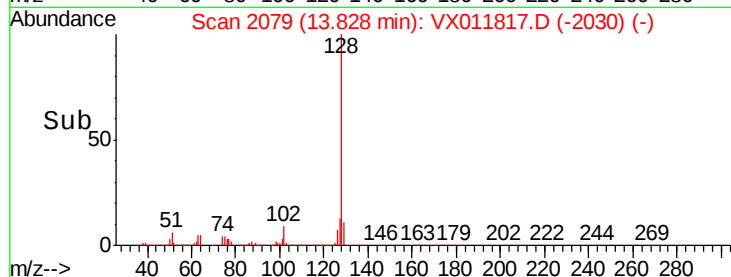
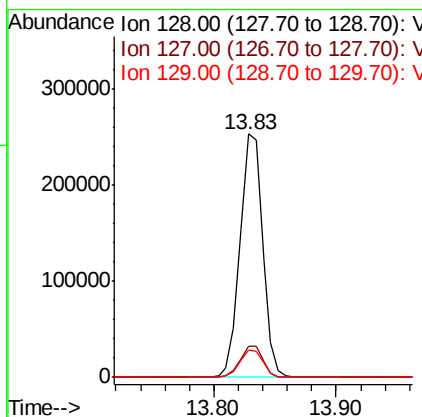
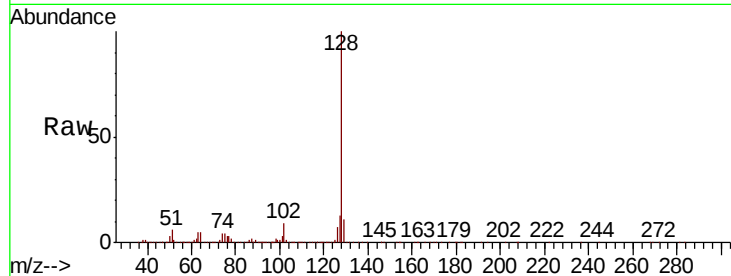




#95
Naphthalene
Concen: 20.688 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX011817.D
Acq: 24 Aug 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

Tgt Ion:128 Resp: 324080
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.2 8.7 13.1



#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

