

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
 Data File : VX011686.D
 Acq On : 20 Aug 2019 15:48
 Operator : JC/SP
 Sample : VX0820WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Quant Time: Aug 20 23:23:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	320987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	460781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	408620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	213854	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	159123	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
35) Dibromofluoromethane	5.49	113	141643	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
50) Toluene-d8	8.71	98	454039	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.13	95	188965	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	66966	21.225	ug/l	100
3) Chloromethane	1.32	50	54072	16.500	ug/l	100
4) Vinyl Chloride	1.40	62	51945	17.548	ug/l	97
5) Bromomethane	1.63	94	34411	25.943	ug/l	98
6) Chloroethane	1.71	64	32568	23.246	ug/l	96
7) Trichlorofluoromethane	1.92	101	84966	20.722	ug/l	98
8) Diethyl Ether	2.18	74	29216	20.772	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	52797	18.643	ug/l	96
10) Methyl Iodide	2.50	142	61122	15.150	ug/l	96
11) Tert butyl alcohol	3.04	59	71254	97.571	ug/l	97
12) 1,1-Dichloroethene	2.37	96	51172	18.697	ug/l	95
13) Acrolein	2.29	56	24722	116.842	ug/l	93
14) Allyl chloride	2.72	41	82073	18.027	ug/l	96
15) Acrylonitrile	3.14	53	162348	97.134	ug/l	99
16) Acetone	2.43	43	138458	92.505	ug/l	96
17) Carbon Disulfide	2.56	76	107383	16.651	ug/l	97
18) Methyl Acetate	2.76	43	91404	19.691	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	180468	20.246	ug/l	99
20) Methylene Chloride	2.85	84	58731	18.688	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	54930	18.939	ug/l	95
22) Diisopropyl ether	3.85	45	172469	19.022	ug/l	97
23) Vinyl Acetate	3.81	43	680182	94.735	ug/l	99
24) 1,1-Dichloroethane	3.69	63	96819	18.887	ug/l	99
25) 2-Butanone	4.67	43	230260	97.992	ug/l	98
26) 2,2-Dichloropropane	4.58	77	70028	18.150	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	63837	18.881	ug/l	97
28) Bromochloromethane	5.01	49	46280	20.565	ug/l	98
29) Tetrahydrofuran	5.12	42	147798	95.886	ug/l	98
30) Chloroform	5.20	83	108858	20.121	ug/l	100
31) Cyclohexane	5.57	56	84389	19.120	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	92911	19.973	ug/l	99
36) 1,1-Dichloropropene	5.79	75	74195	18.833	ug/l	99
37) Ethyl Acetate	4.82	43	83328	18.389	ug/l	100
38) Carbon Tetrachloride	5.78	117	78780	18.150	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86288	17.736	ug/l	97
40) Benzene	6.13	78	224399	18.329	ug/l	97
41) Methacrylonitrile	5.04	41	46666	18.712	ug/l	99
42) 1,2-Dichloroethane	6.19	62	86176	20.317	ug/l	99
43) Isopropyl Acetate	6.44	43	128522	18.174	ug/l	99
44) Trichloroethene	7.21	130	67263	18.520	ug/l	97
45) 1,2-Dichloropropane	7.51	63	58219	19.068	ug/l	100
46) Dibromomethane	7.66	93	40993	18.476	ug/l	97
47) Bromodichloromethane	7.90	83	74027	18.171	ug/l	100
48) Methyl methacrylate	7.77	41	65519	18.709	ug/l	96
49) 1,4-Dioxane	7.74	88	34750	373.076	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	439731	95.001	ug/l	100
52) Toluene	8.78	92	148242	19.006	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	76072	17.992	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	84280	18.215	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	63316	19.089	ug/l	96
56) Ethyl methacrylate	9.18	69	90036	18.677	ug/l	98
57) 1,3-Dichloropropane	9.37	76	98677	18.716	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	223552	93.068	ug/l	99
59) 2-Hexanone	9.49	43	332752	93.223	ug/l	100
60) Dibromochloromethane	9.58	129	60739	17.576	ug/l	98
61) 1,2-Dibromoethane	9.67	107	66187	18.698	ug/l	98
64) Tetrachloroethene	9.34	164	65793	19.624	ug/l	98
65) Chlorobenzene	10.13	112	167621	19.233	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	61130	18.766	ug/l	100
67) Ethyl Benzene	10.25	91	280671	19.296	ug/l	99
68) m/p-Xylenes	10.35	106	218174	39.076	ug/l	96
69) o-Xylene	10.69	106	104299	19.071	ug/l	96
70) Styrene	10.71	104	177923	19.325	ug/l	98
71) Bromoform	10.85	173	46471	17.005	ug/l #	99
73) Isopropylbenzene	11.02	105	289917	20.892	ug/l	99
74) N-amyl acetate	10.90	43	111661	18.935	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	93495	19.586	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	100212	24.712	ug/l	85
77) Bromobenzene	11.25	156	81593	19.763	ug/l	97
78) n-propylbenzene	11.36	91	308572	20.622	ug/l	99
79) 2-Chlorotoluene	11.42	91	190001	20.679	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	240045	20.593	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21810	17.748	ug/l #	82
82) 4-Chlorotoluene	11.51	91	217296	20.385	ug/l	99
83) tert-Butylbenzene	11.77	119	244272	20.575	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	246235	21.041	ug/l	98
85) sec-Butylbenzene	11.94	105	272621	20.353	ug/l	99
86) p-Isopropyltoluene	12.06	119	256001	20.315	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	137040	19.311	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	139930	19.455	ug/l	99
89) n-Butylbenzene	12.38	91	206926	19.973	ug/l	99
90) Hexachloroethane	12.59	117	36327	18.255	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	139894	19.638	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20517	18.787	ug/l	93

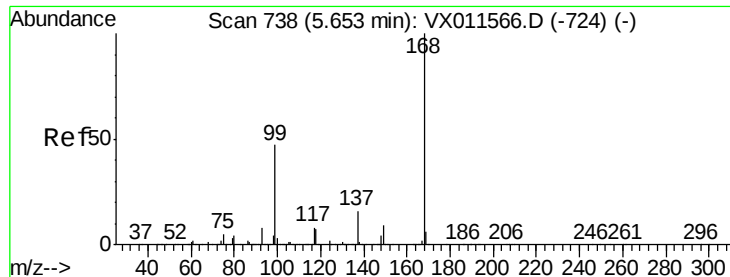
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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	98586	18.574	ug/l	98
94) Hexachlorobutadiene	13.78	225	52513	18.169	ug/l	98
95) Naphthalene	13.83	128	295804	19.713	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	103807	19.390	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

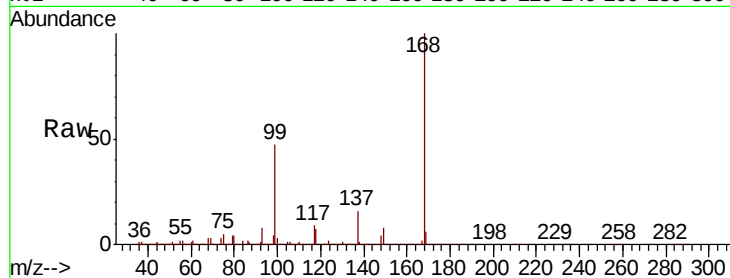
VX0820WBSD01

Tgt Ion:168 Resp: 320987

Ion Ratio Lower Upper

168 100

99 47.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

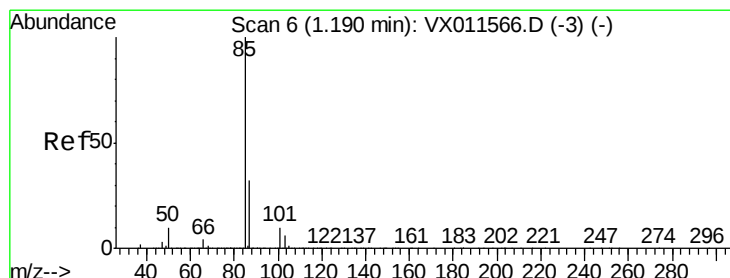
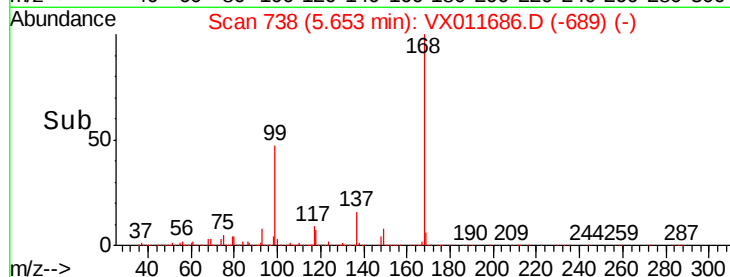
5.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.225 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011686.D

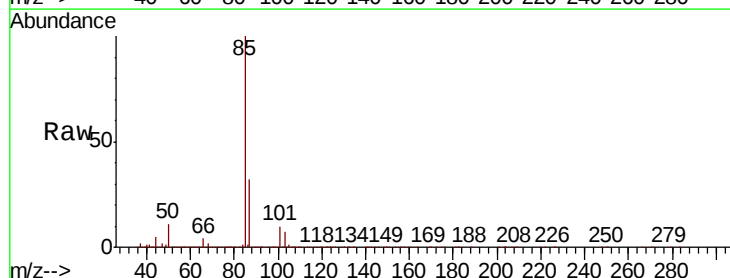
Acq: 20 Aug 2019 15:48

Tgt Ion: 85 Resp: 66966

Ion Ratio Lower Upper

85 100

87 32.2 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

80000

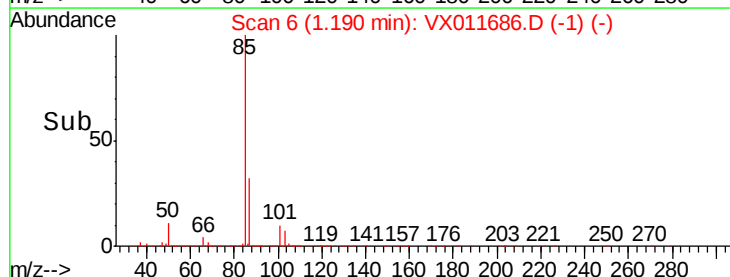
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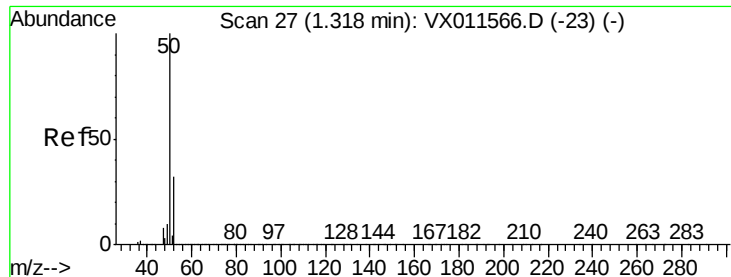
40000

20000

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Time-->





#3

Chloromethane

Concen: 16.500 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

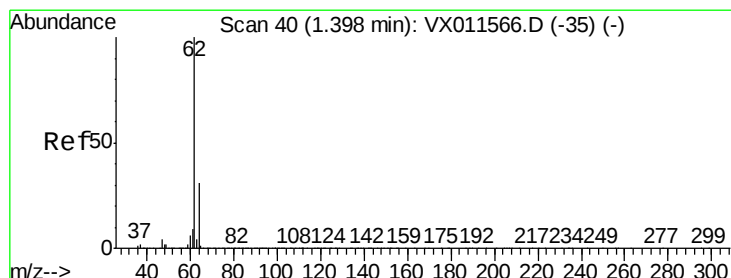
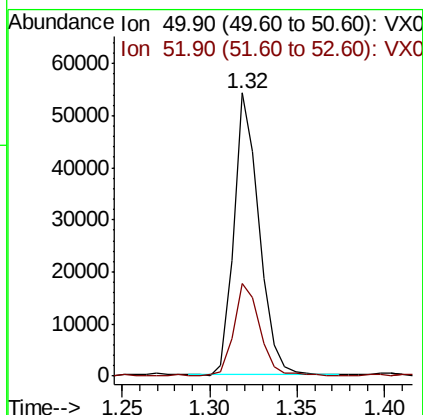
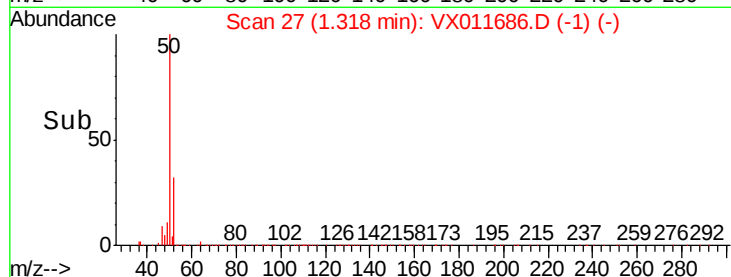
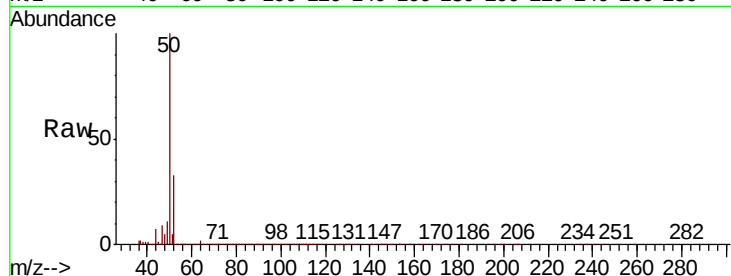
VX0820WBSD01

Tgt Ion: 50 Resp: 54072

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 17.548 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011686.D

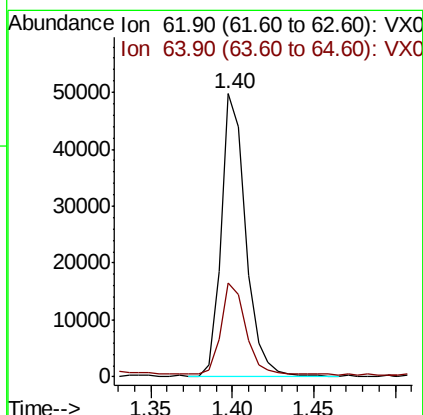
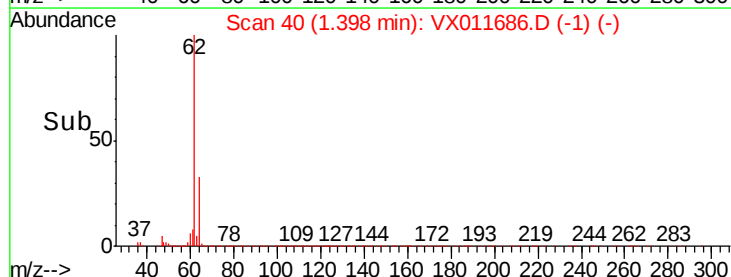
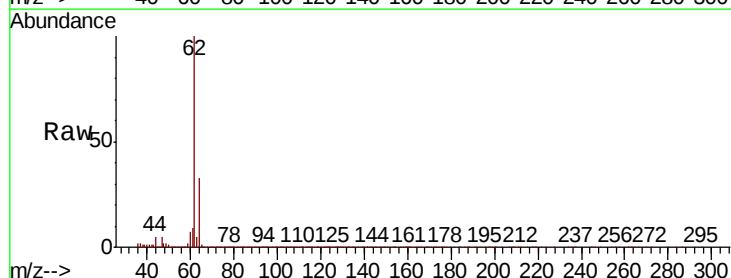
Acq: 20 Aug 2019 15:48

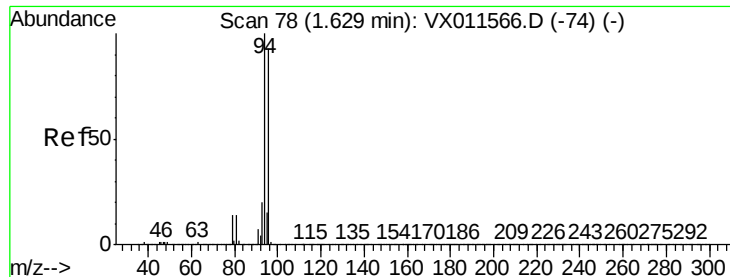
Tgt Ion: 62 Resp: 51945

Ion Ratio Lower Upper

62 100

64 32.6 25.0 37.4





#5

Bromomethane

Concen: 25.943 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

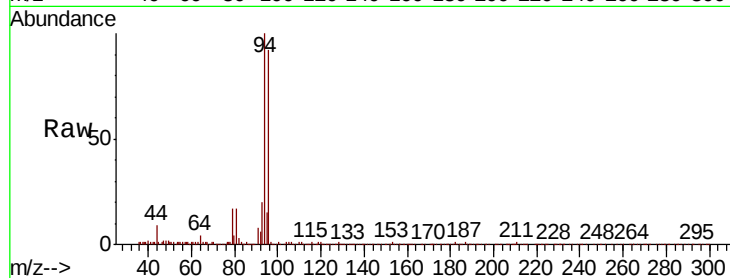
VX0820WBSD01

Tgt Ion: 94 Resp: 34411

Ion Ratio Lower Upper

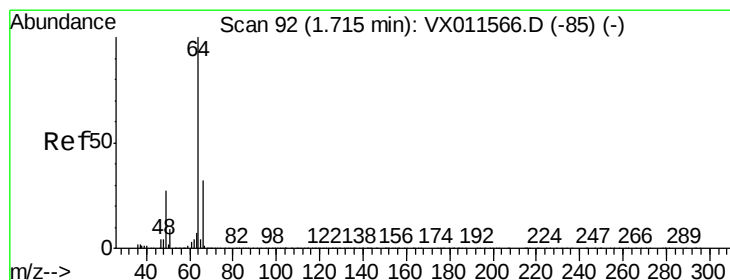
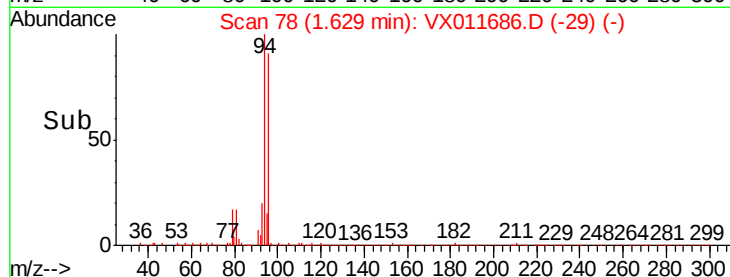
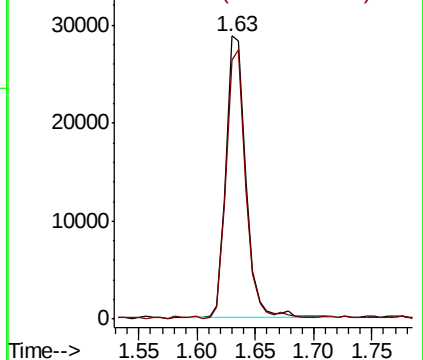
94 100

96 91.4 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 23.246 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011686.D

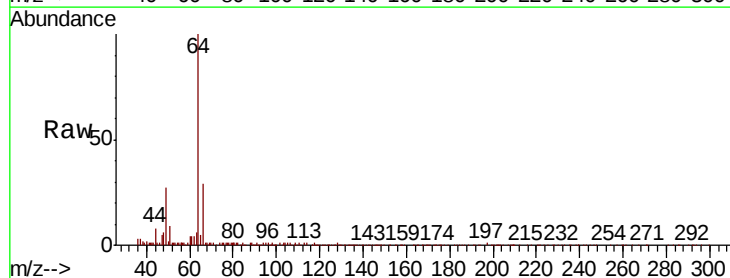
Acq: 20 Aug 2019 15:48

Tgt Ion: 64 Resp: 32568

Ion Ratio Lower Upper

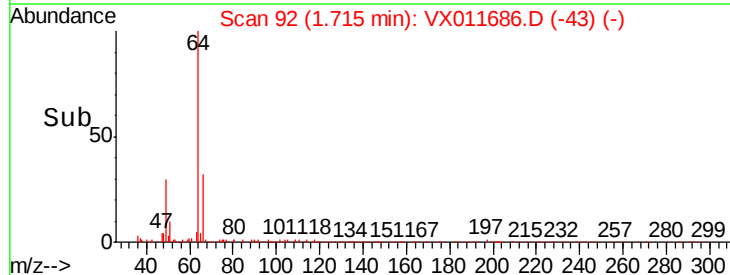
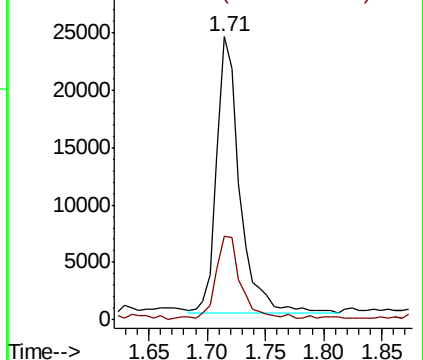
64 100

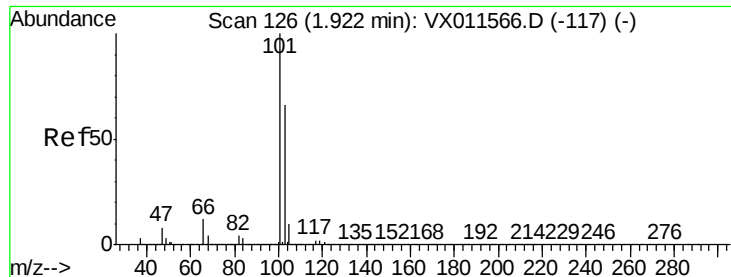
66 29.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



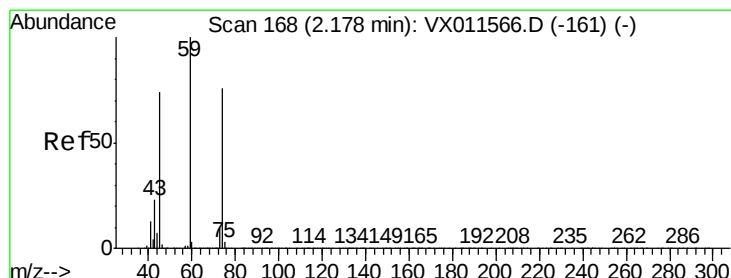
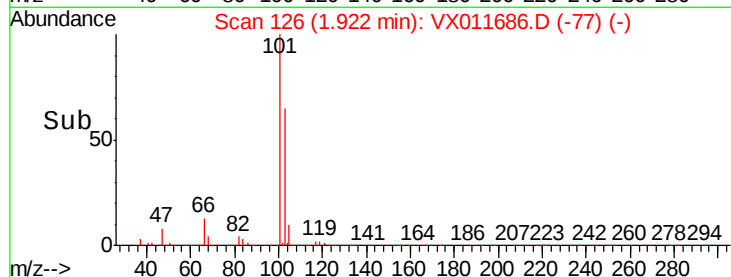
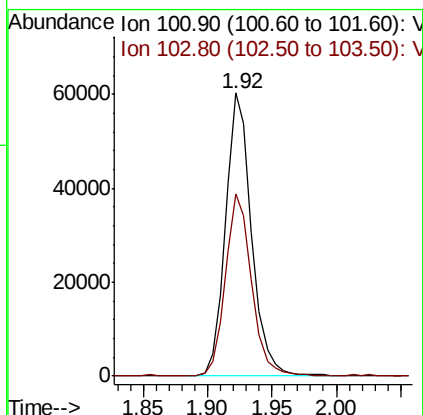
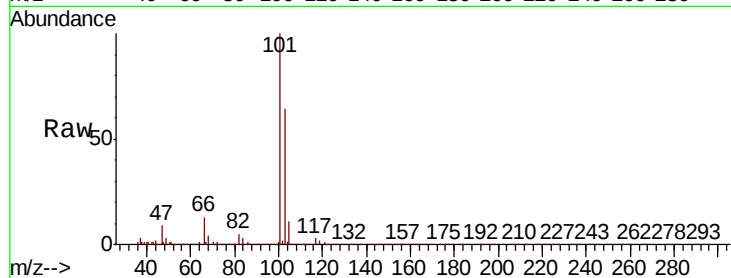


#7

Trichlorofluoromethane
 Concen: 20.722 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Instrument :
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 VX0820WBSD01

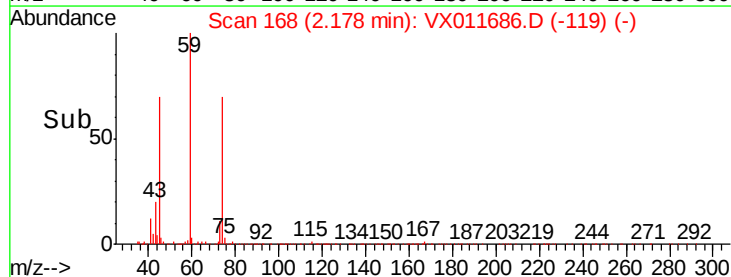
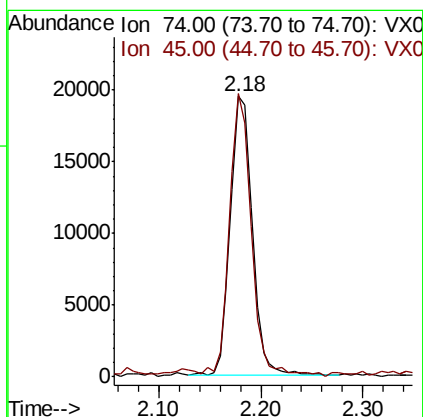
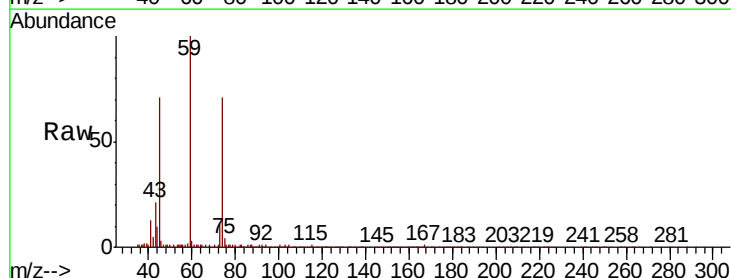
Tgt Ion:101 Resp: 84966
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.9 79.3

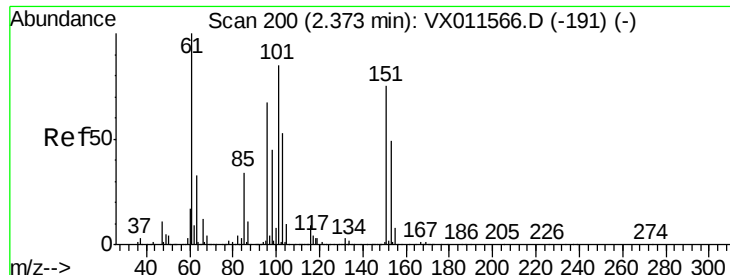


#8

Diethyl Ether
 Concen: 20.772 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Tgt Ion: 74 Resp: 29216
 Ion Ratio Lower Upper
 74 100
 45 101.1 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.643 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

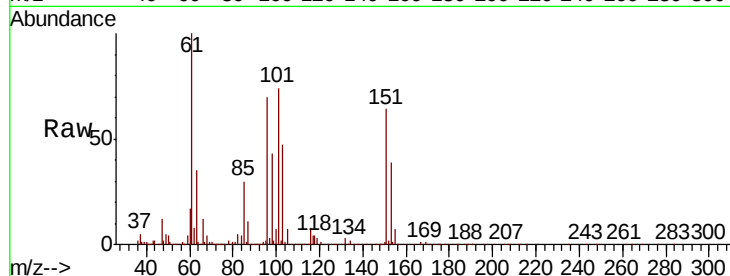
Tgt Ion:101 Resp: 52797

Ion Ratio Lower Upper

101 100

85 46.0 33.0 49.4

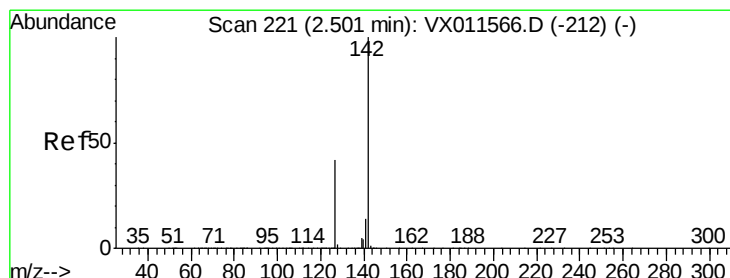
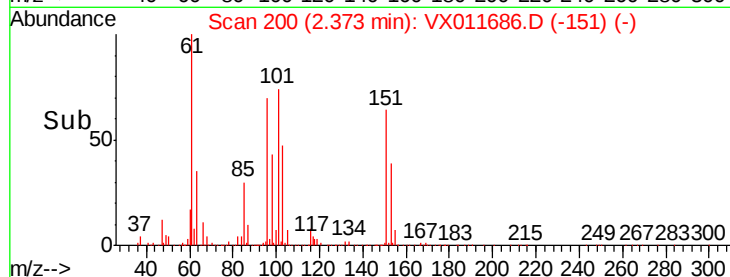
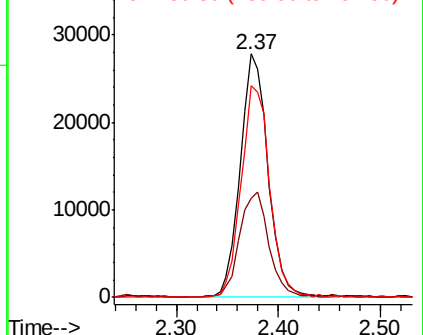
151 89.4 73.3 109.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.150 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

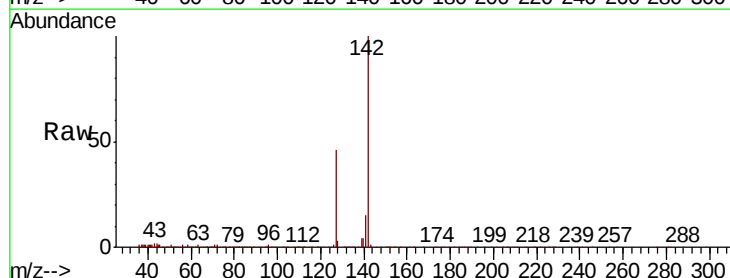
Tgt Ion:142 Resp: 61122

Ion Ratio Lower Upper

142 100

127 44.0 32.8 49.2

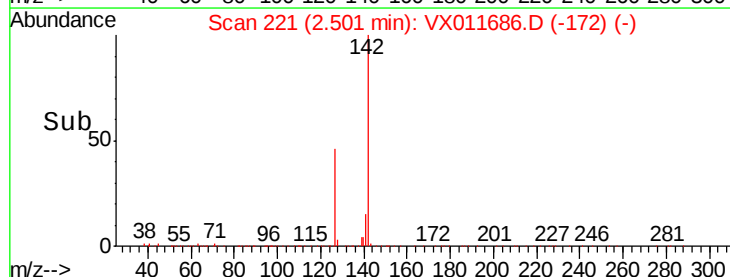
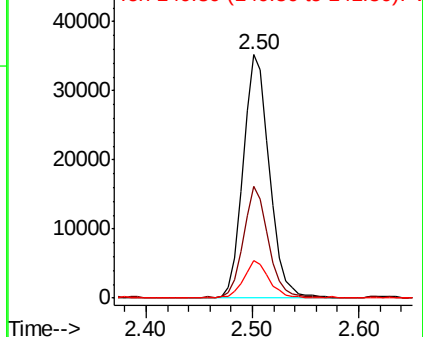
141 15.3 11.4 17.2

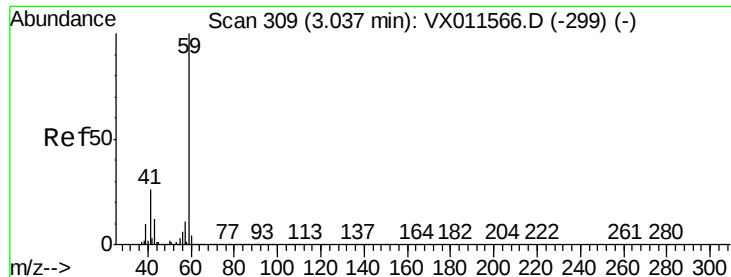


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



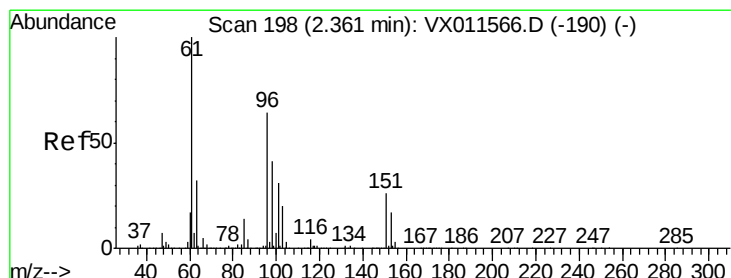
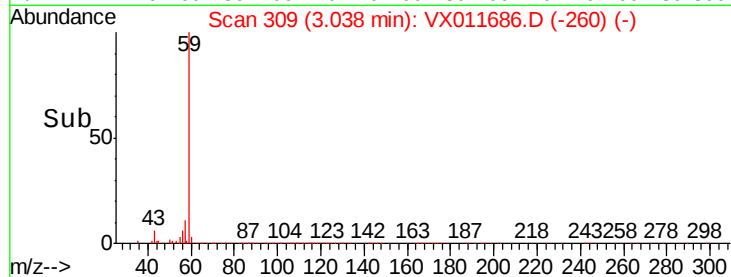
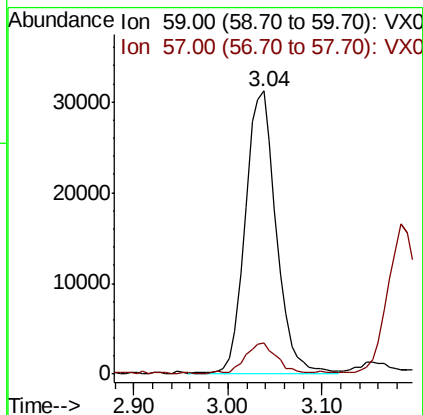
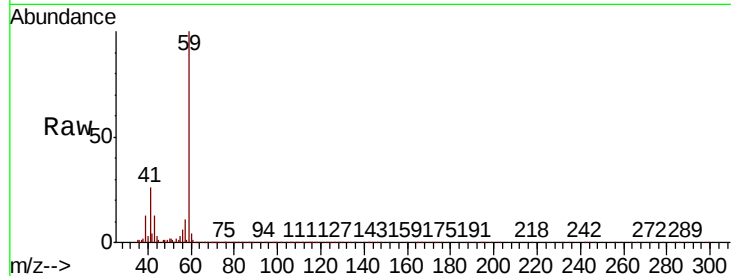


#11

Tert butyl alcohol
 Concen: 97.571 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

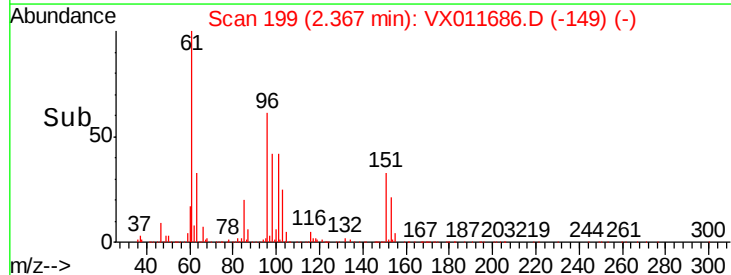
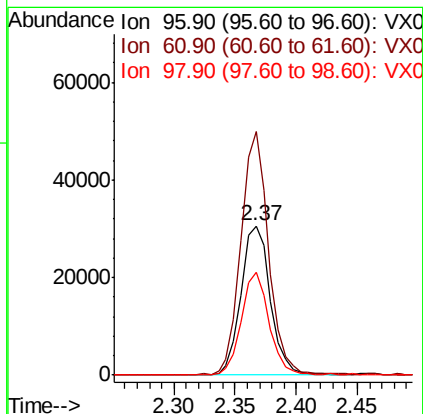
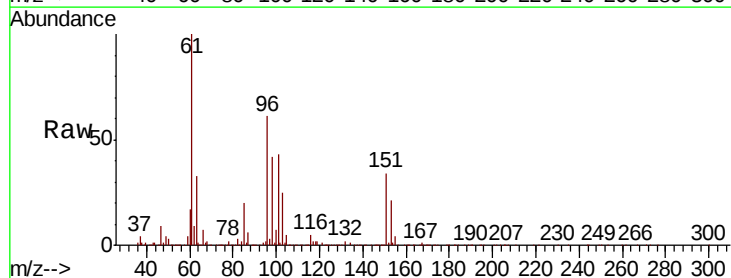
Tgt Ion: 59 Resp: 71254
 Ion Ratio Lower Upper
 59 100
 57 11.9 8.7 13.1

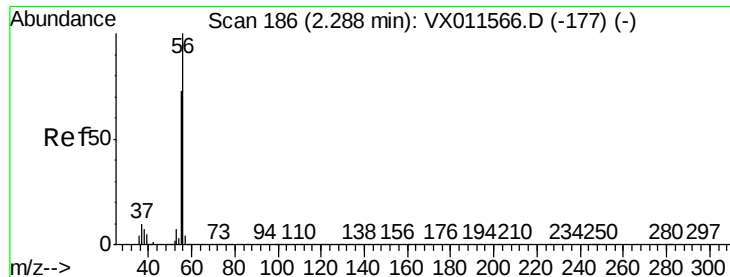


#12

1,1-Dichloroethene
 Concen: 18.697 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.01 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Tgt Ion: 96 Resp: 51172
 Ion Ratio Lower Upper
 96 100
 61 162.6 125.0 187.4
 98 68.9 51.5 77.3





#13

Acrolein

Concen: 116.842 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

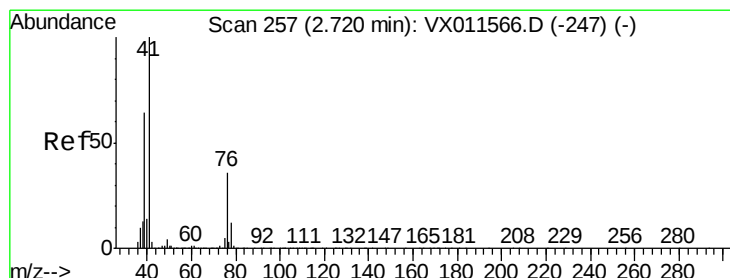
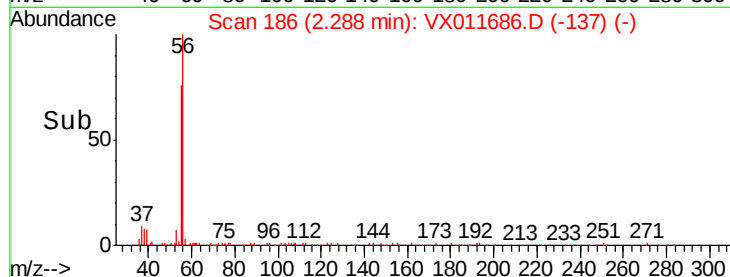
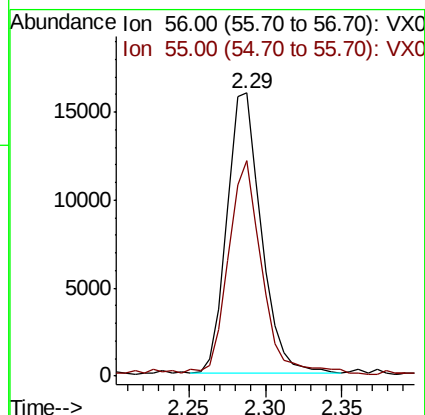
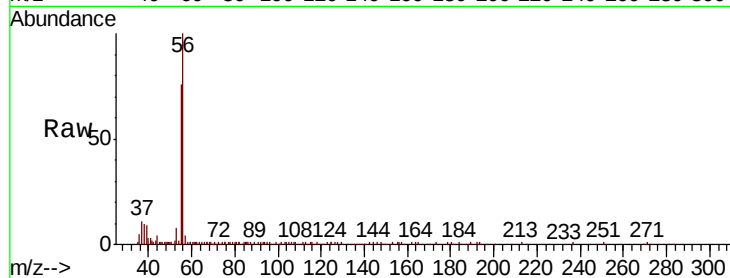
VX0820WBSD01

Tgt Ion: 56 Resp: 24722

Ion Ratio Lower Upper

56 100

55 75.5 55.5 83.3



#14

Allyl chloride

Concen: 18.027 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

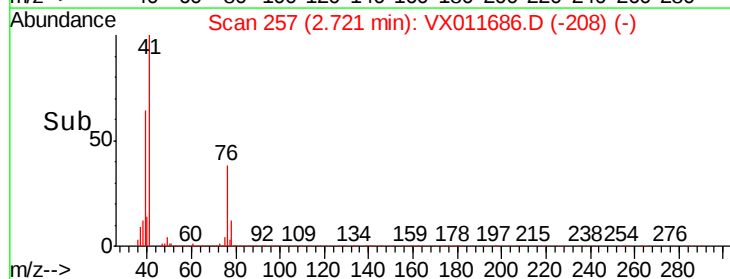
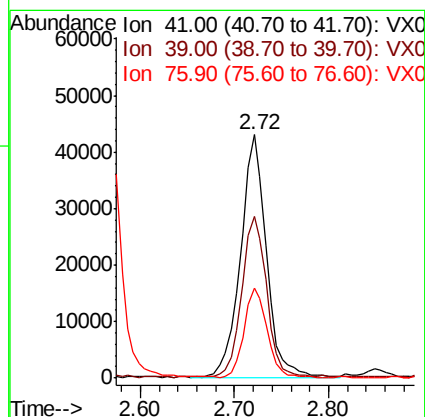
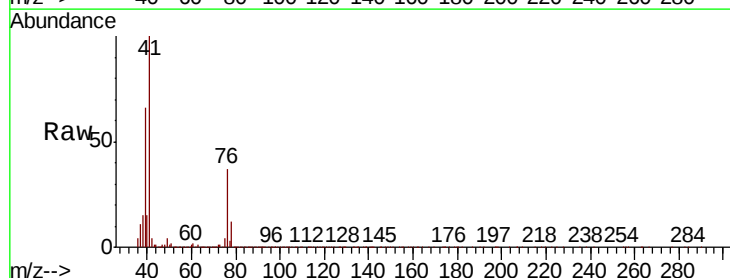
Tgt Ion: 41 Resp: 82073

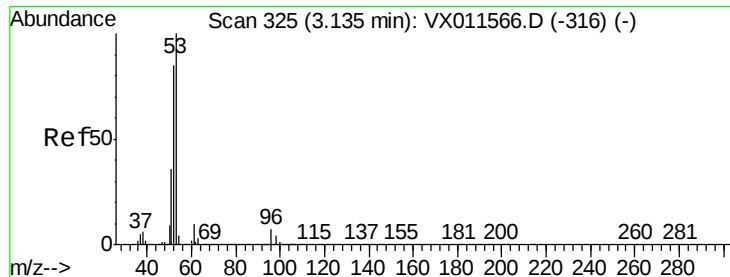
Ion Ratio Lower Upper

41 100

39 63.4 47.5 71.3

76 32.7 26.3 39.5





#15

Acrylonitrile

Concen: 97.134 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

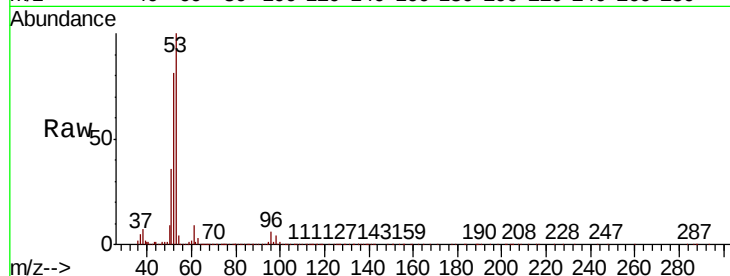
Tgt Ion: 53 Resp: 162348

Ion Ratio Lower Upper

53 100

52 82.5 66.7 100.1

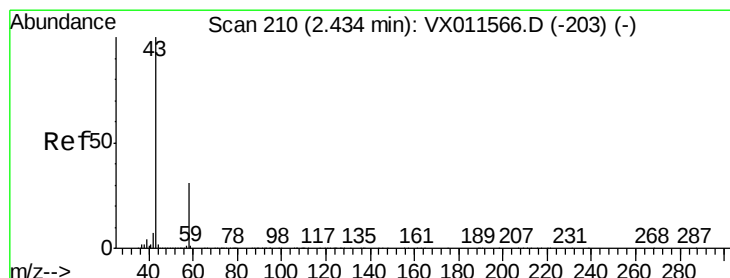
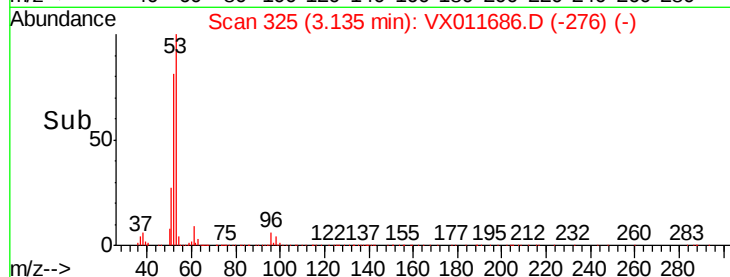
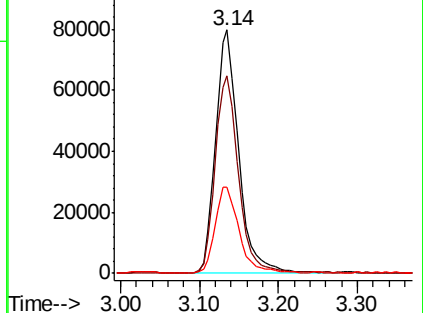
51 36.4 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 92.505 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011686.D

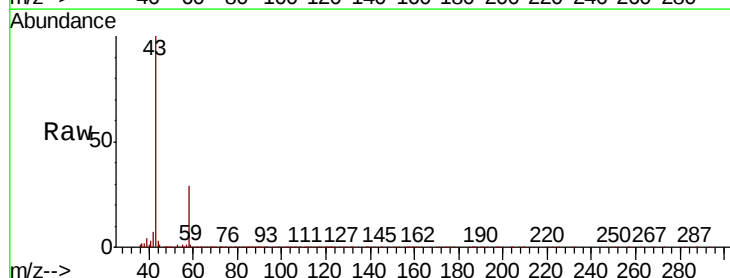
Acq: 20 Aug 2019 15:48

Tgt Ion: 43 Resp: 138458

Ion Ratio Lower Upper

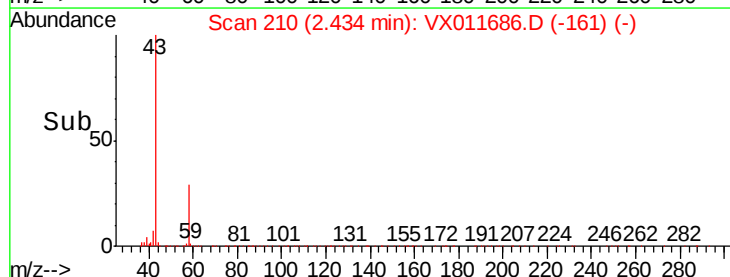
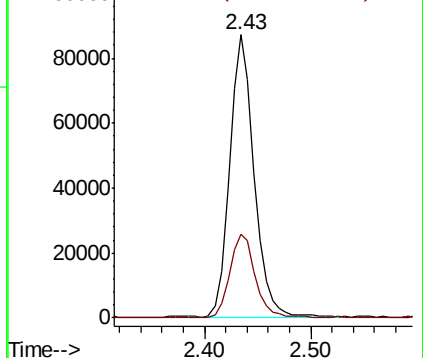
43 100

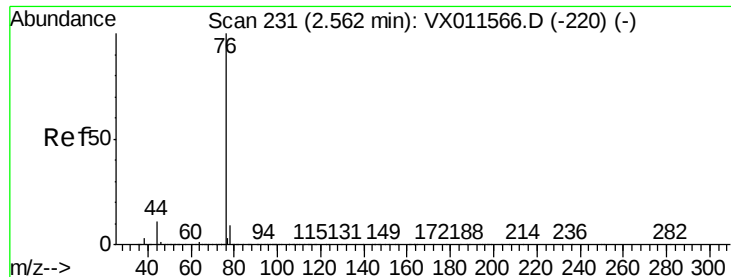
58 29.4 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

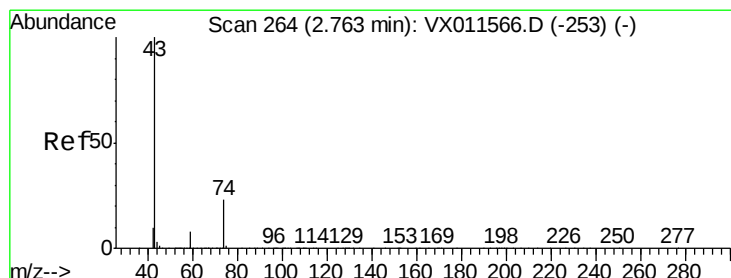
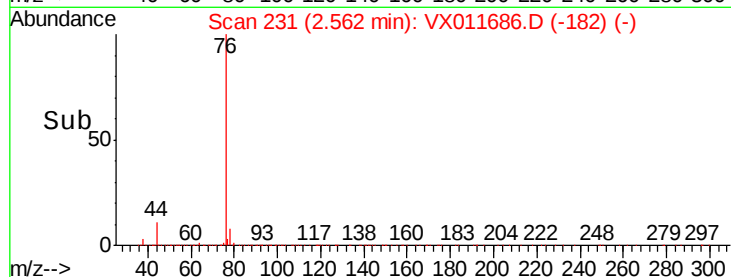
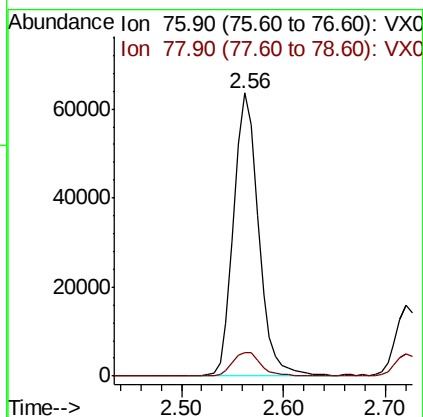
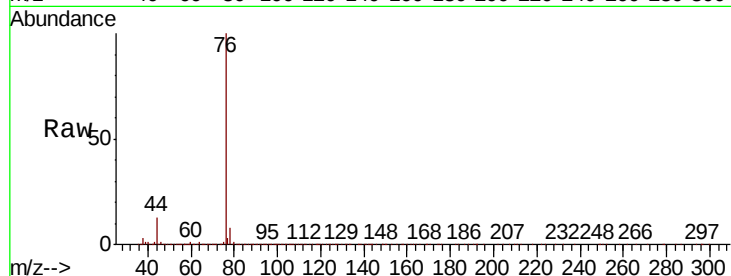




#17
Carbon Disulfide
Concen: 16.651 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

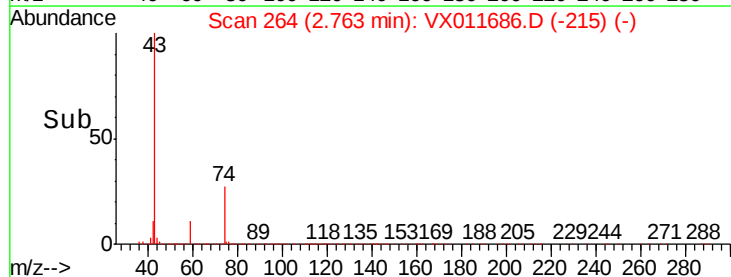
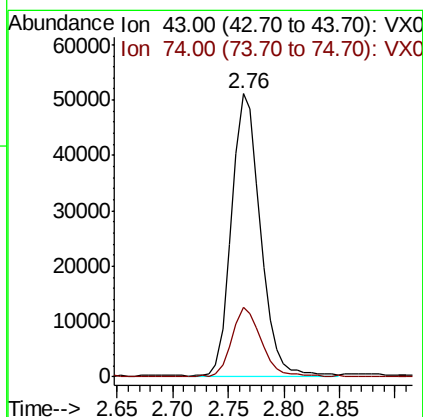
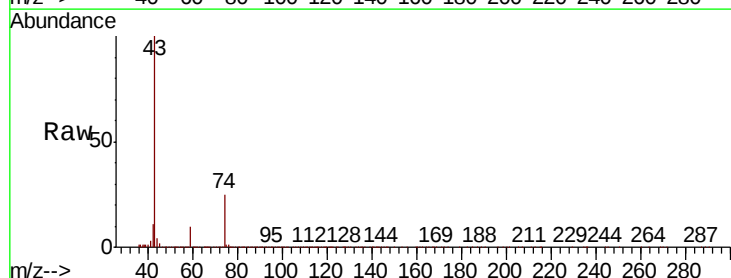
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

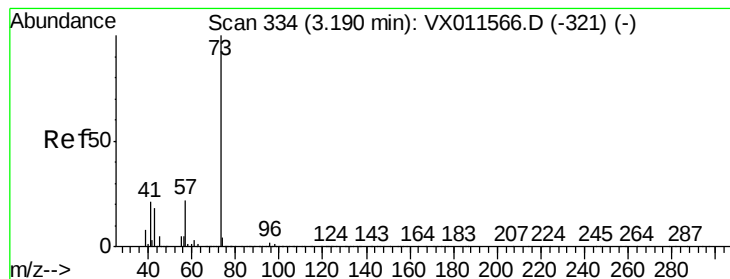
Tgt Ion: 76 Resp: 107383
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8



#18
Methyl Acetate
Concen: 19.691 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

Tgt Ion: 43 Resp: 91404
Ion Ratio Lower Upper
43 100
74 25.2 19.7 29.5



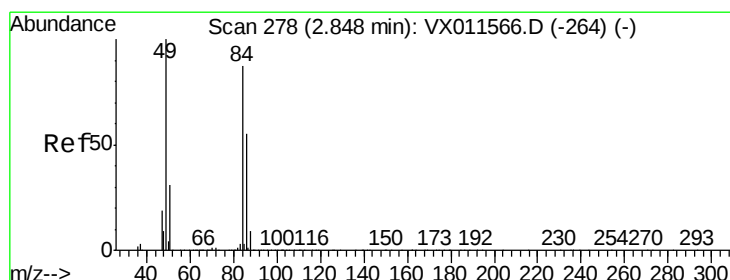
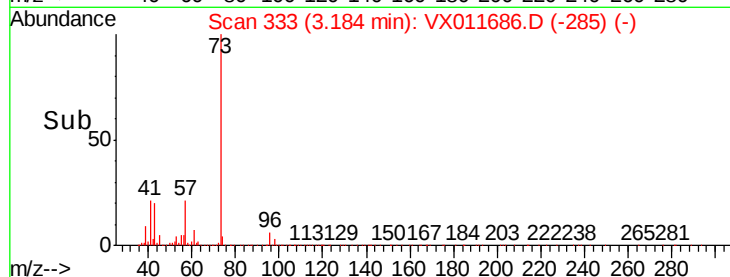
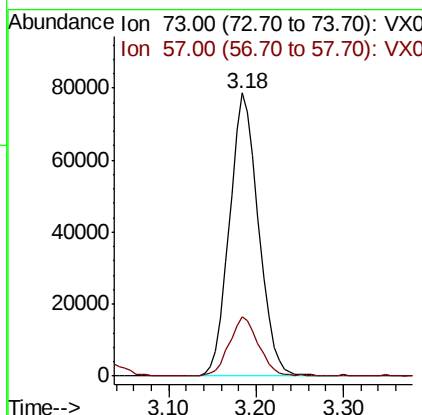
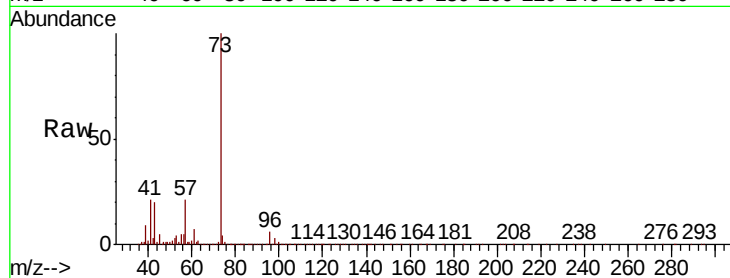


#19

Methyl tert-butyl Ether
 Concen: 20.246 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. -0.01 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

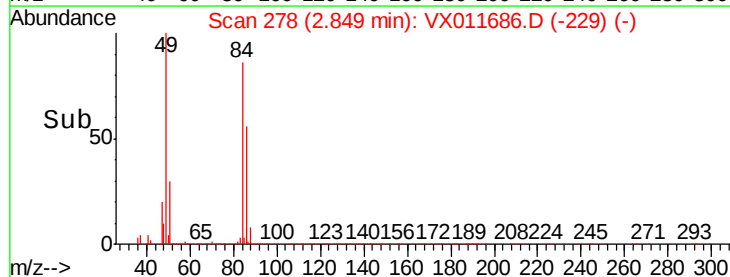
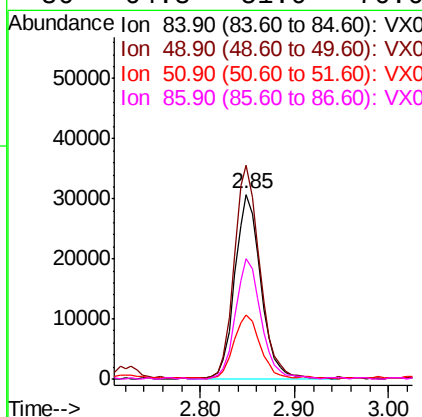
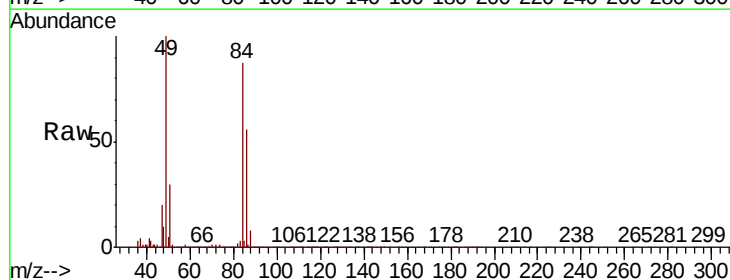
Tgt Ion: 73 Resp: 180468
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.2 25.8

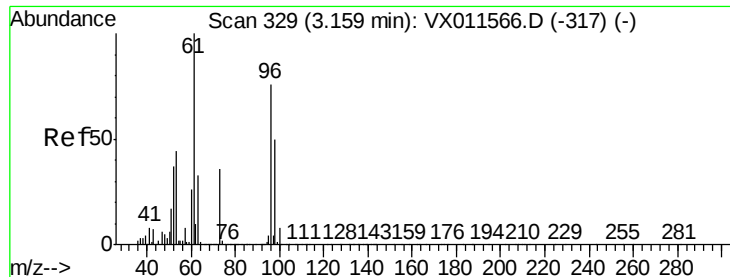


#20

Methylene Chloride
 Concen: 18.688 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Tgt Ion: 84 Resp: 58731
 Ion Ratio Lower Upper
 84 100
 49 115.0 92.4 138.6
 51 34.8 28.5 42.7
 86 64.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.939 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

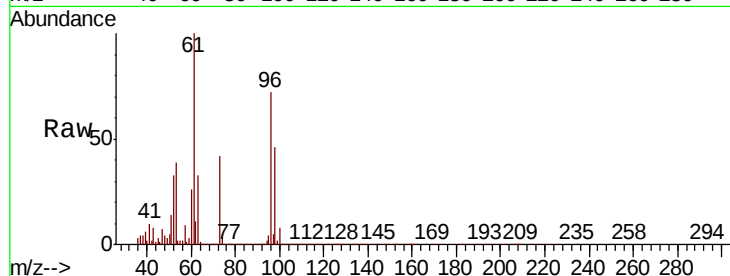
Tgt Ion: 96 Resp: 54930

Ion Ratio Lower Upper

96 100

61 139.8 105.5 158.3

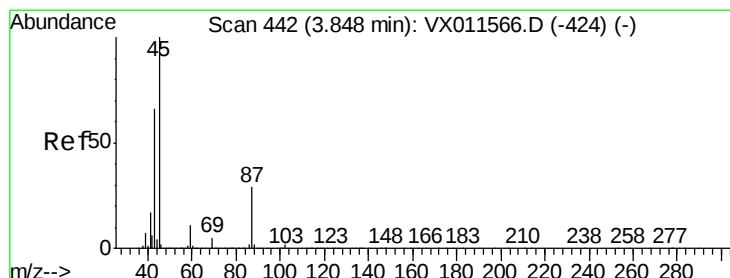
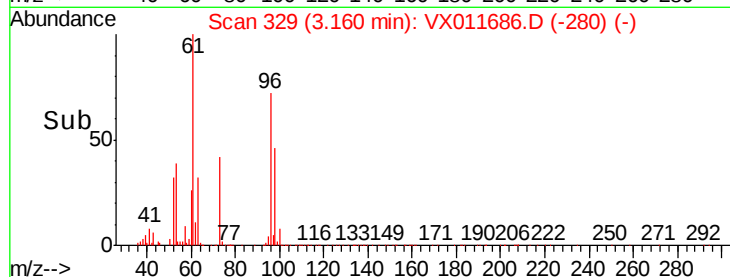
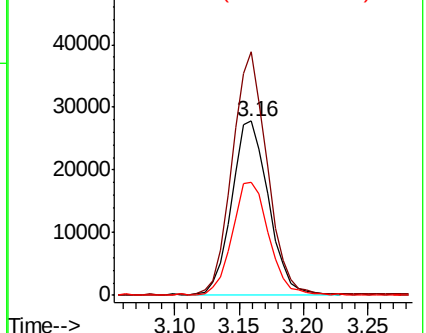
98 64.3 52.6 78.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.022 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Tgt Ion: 45 Resp: 172469

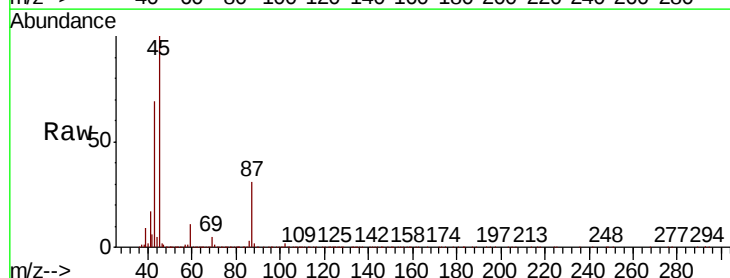
Ion Ratio Lower Upper

45 100

43 68.3 52.7 79.1

87 30.8 23.5 35.3

59 10.8 9.0 13.4

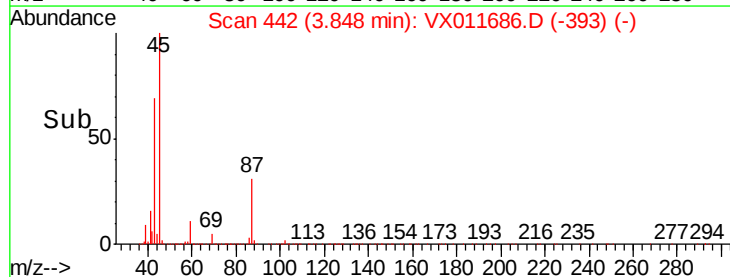
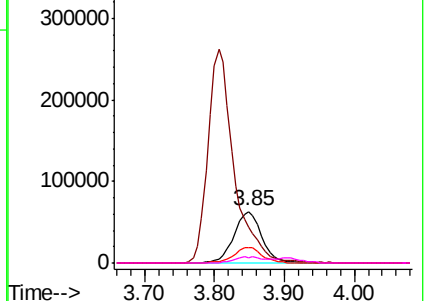


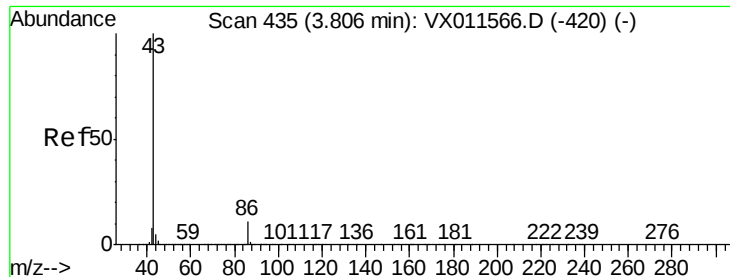
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.735 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

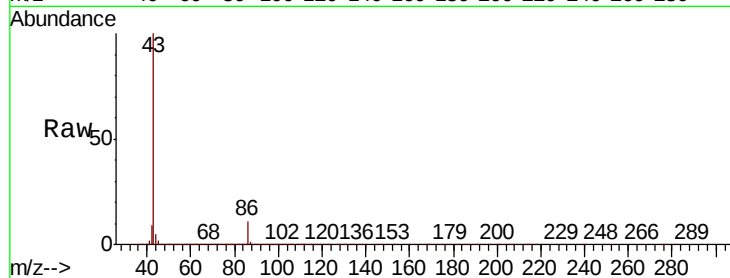
VX0820WBSD01

Tgt Ion: 43 Resp: 680182

Ion Ratio Lower Upper

43 100

86 11.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

250000

200000

150000

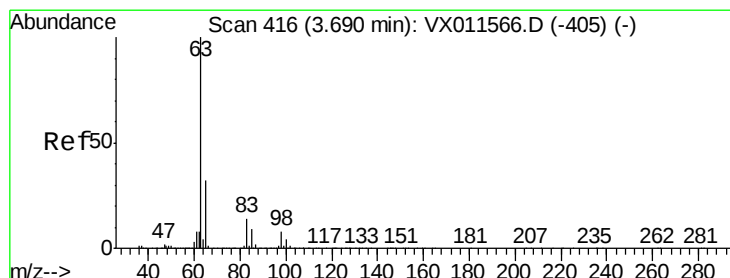
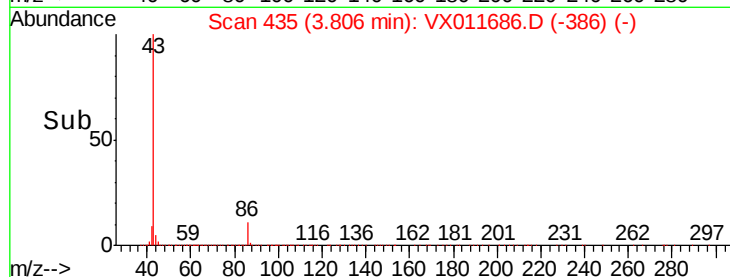
100000

50000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 18.887 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

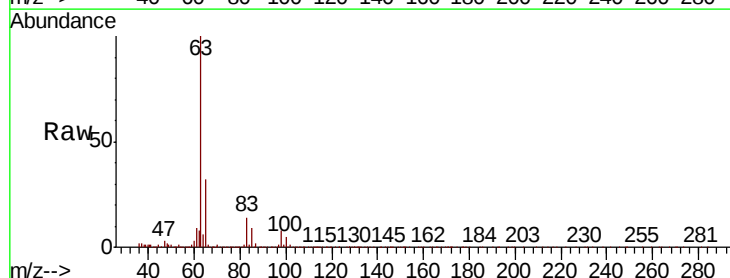
Tgt Ion: 63 Resp: 96819

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 4.6 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

30000

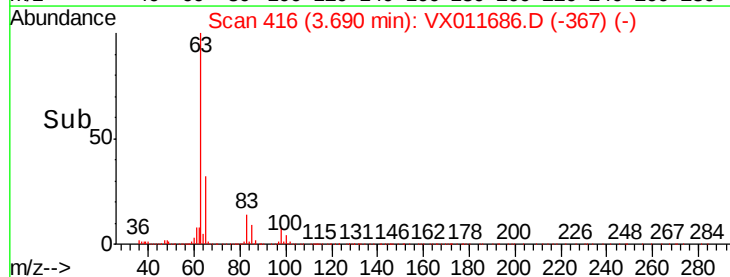
20000

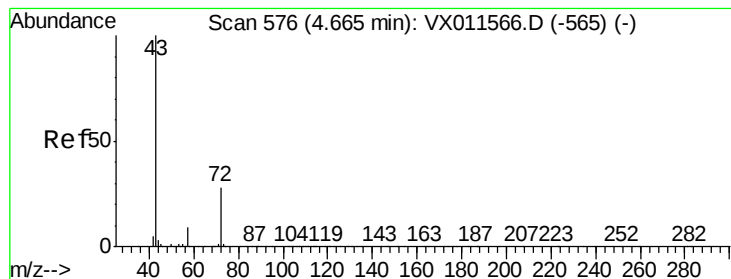
10000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 97.992 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

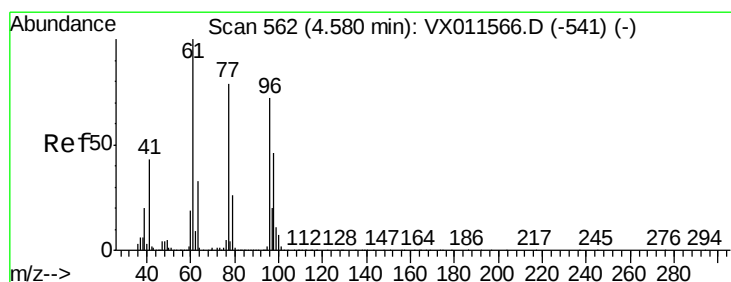
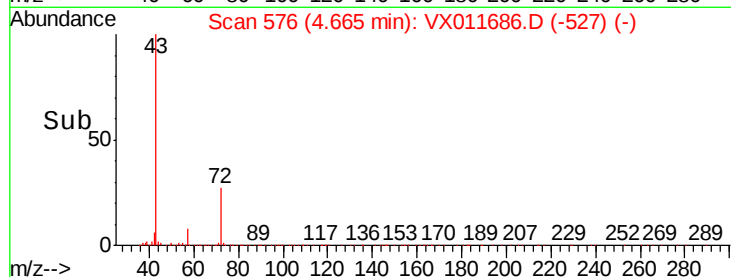
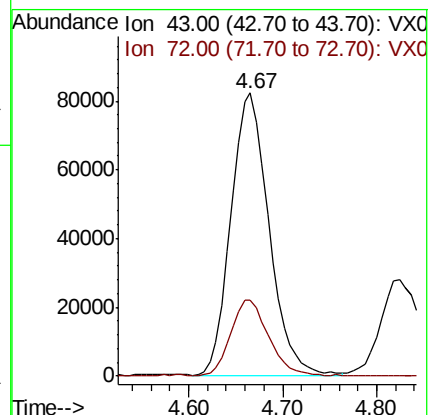
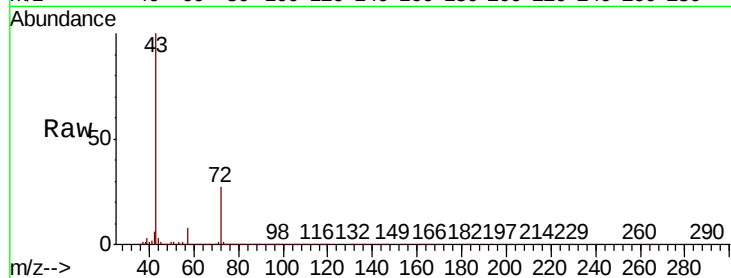
VX0820WBSD01

Tgt Ion: 43 Resp: 230260

Ion Ratio Lower Upper

43 100

72 26.8 22.2 33.4



#26

2,2-Dichloropropane

Concen: 18.150 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX011686.D

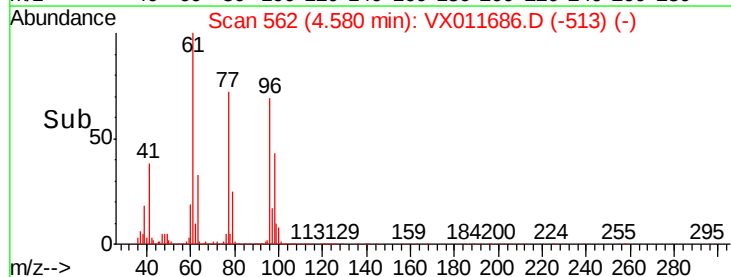
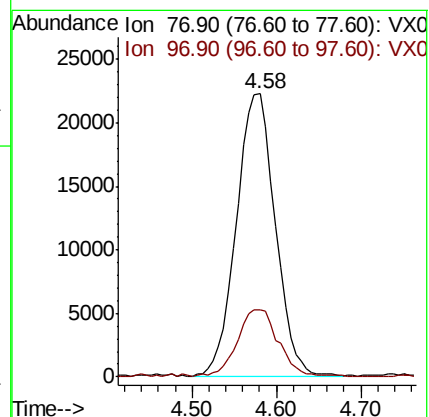
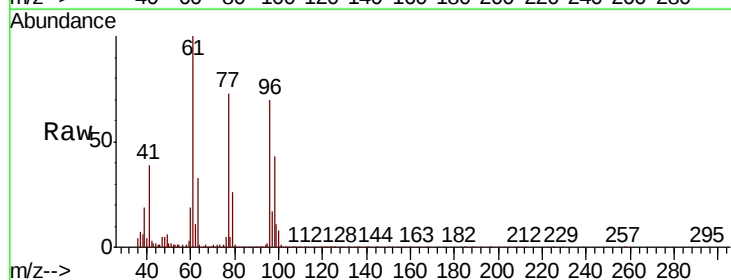
Acq: 20 Aug 2019 15:48

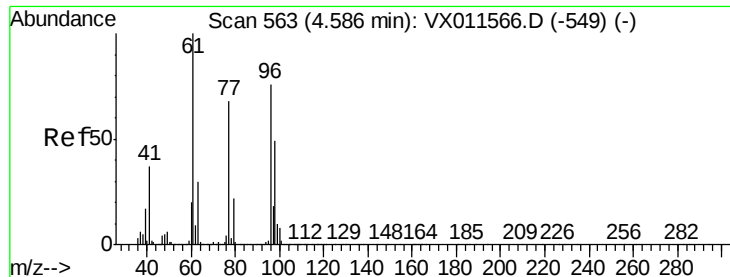
Tgt Ion: 77 Resp: 70028

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.2



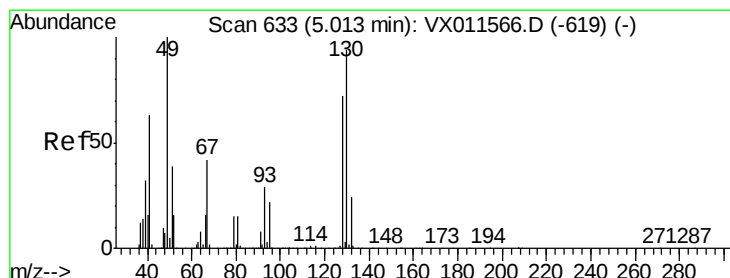
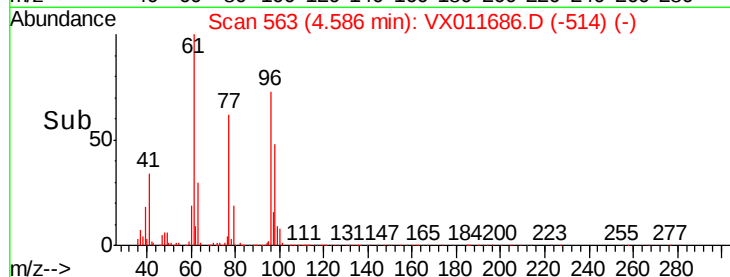
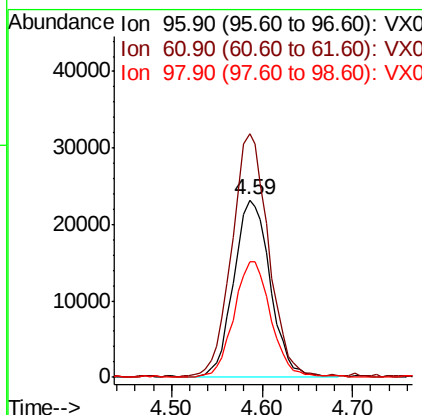
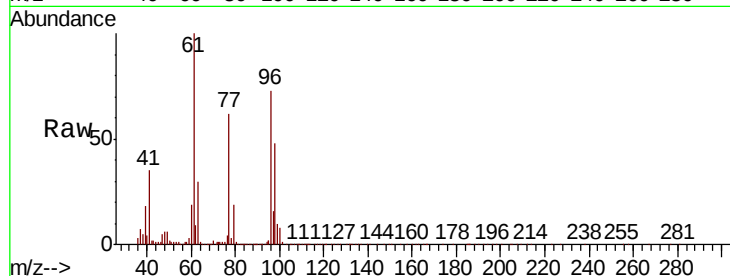


#27

cis-1,2-Dichloroethene
 Concen: 18.881 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

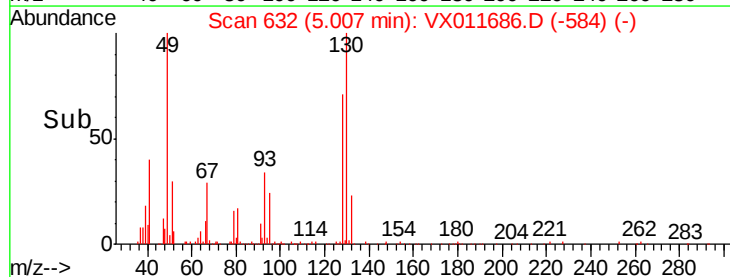
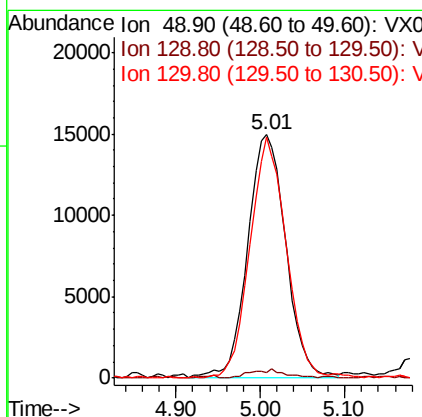
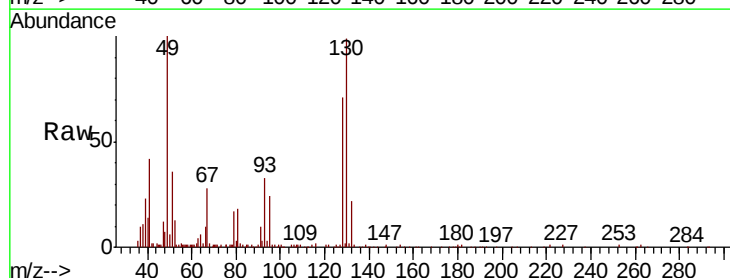
Tgt Ion: 96 Resp: 63837
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 272.6
 98 66.9 0.0 129.4

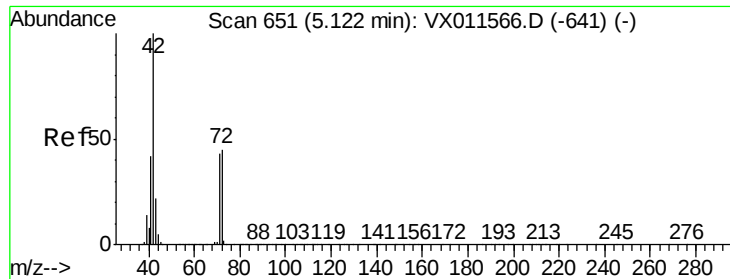


#28

Bromochloromethane
 Concen: 20.565 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Tgt Ion: 49 Resp: 46280
 Ion Ratio Lower Upper
 49 100
 129 3.4 0.0 5.0
 130 93.4 76.6 115.0





#29

Tetrahydrofuran

Concen: 95.886 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

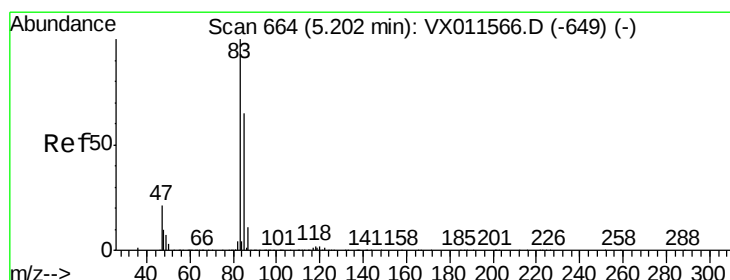
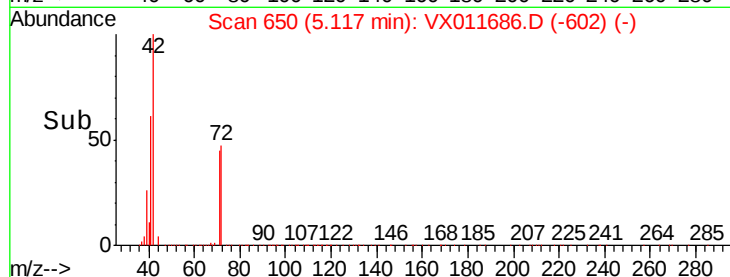
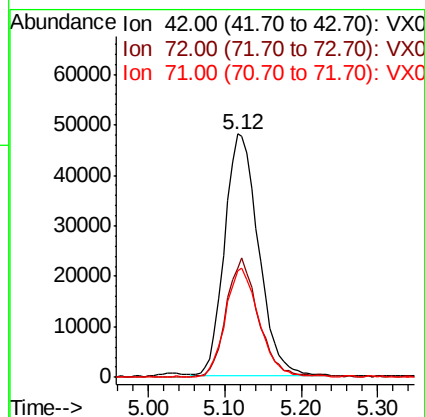
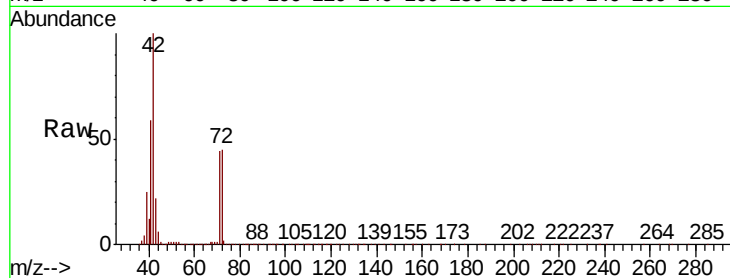
Tgt Ion: 42 Resp: 147798

Ion Ratio Lower Upper

42 100

72 46.2 36.1 54.1

71 44.3 33.8 50.8



#30

Chloroform

Concen: 20.121 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011686.D

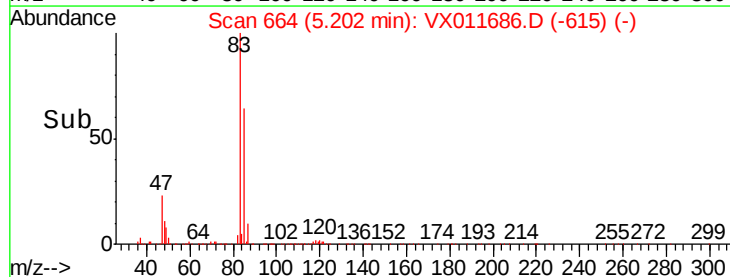
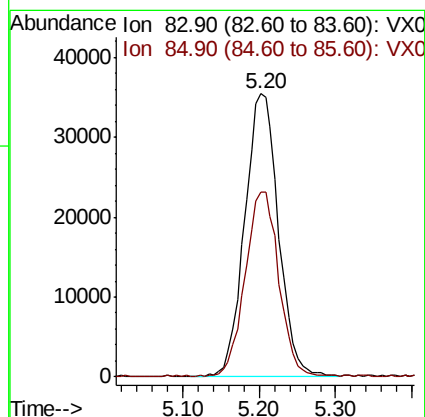
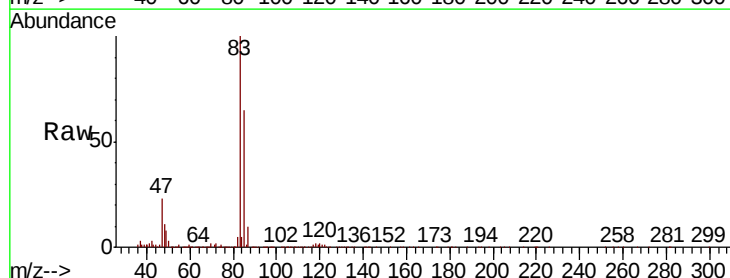
Acq: 20 Aug 2019 15:48

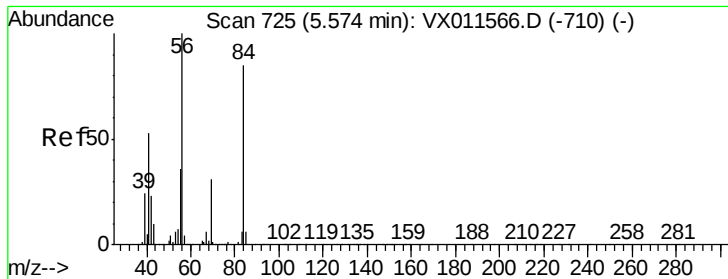
Tgt Ion: 83 Resp: 108858

Ion Ratio Lower Upper

83 100

85 65.1 51.9 77.9

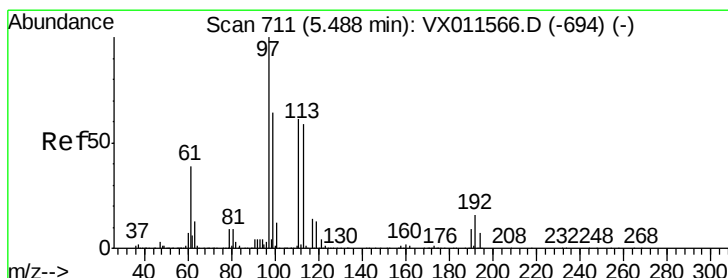
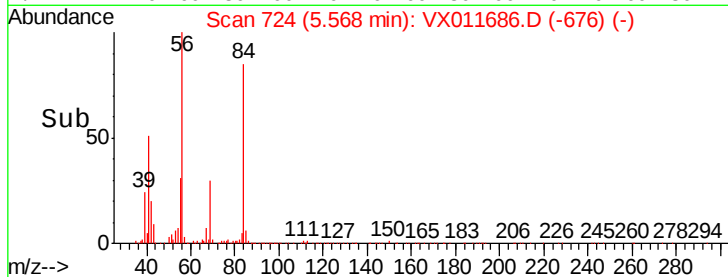
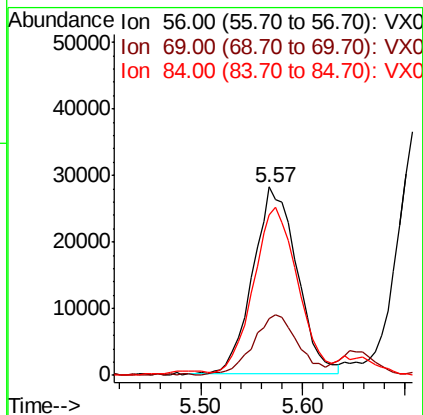
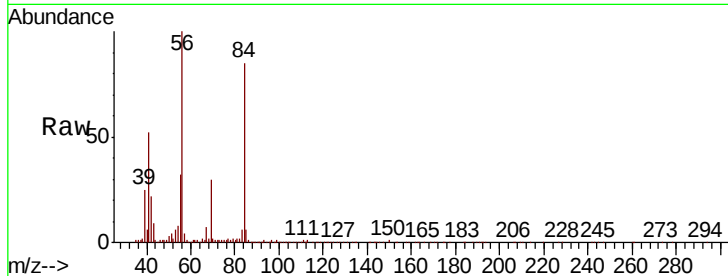




#31
Cyclohexane
Concen: 19.120 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

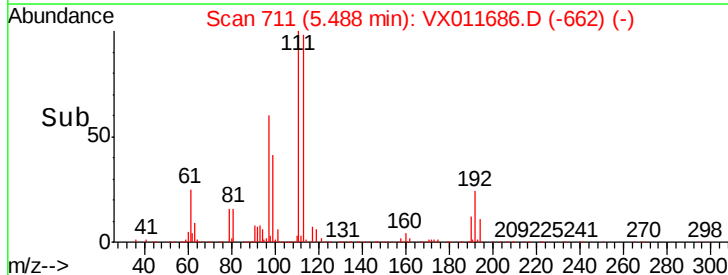
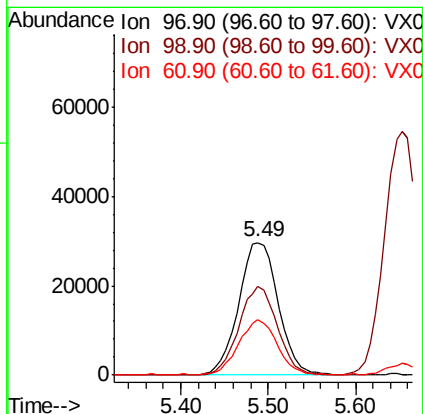
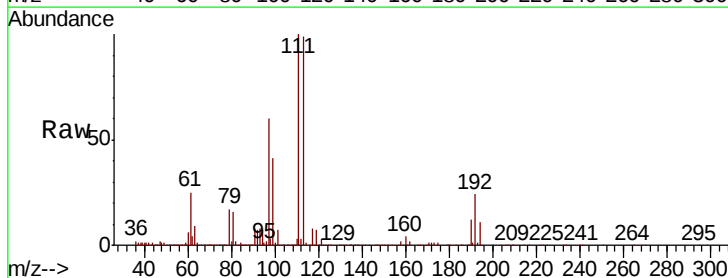
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

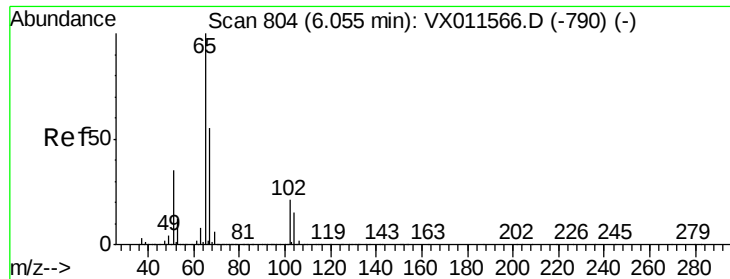
Tgt Ion: 56 Resp: 84389
Ion Ratio Lower Upper
56 100
69 29.4 24.8 37.2
84 83.7 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 19.973 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

Tgt Ion: 97 Resp: 92911
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.0
61 39.9 31.4 47.2

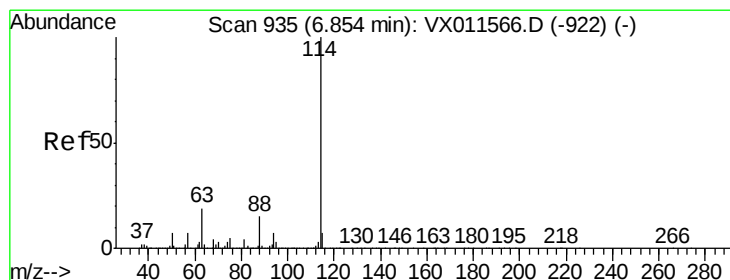
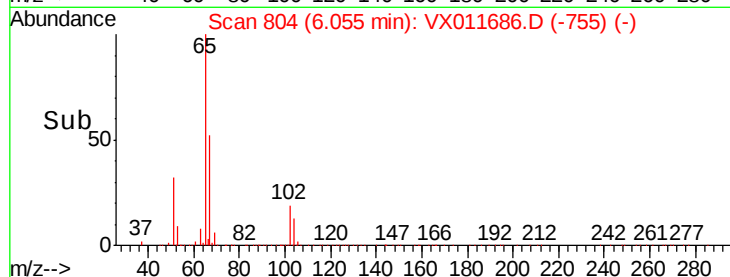
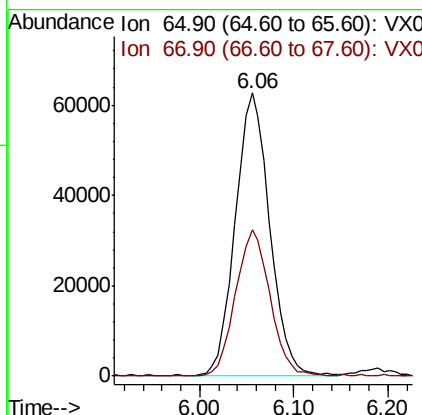
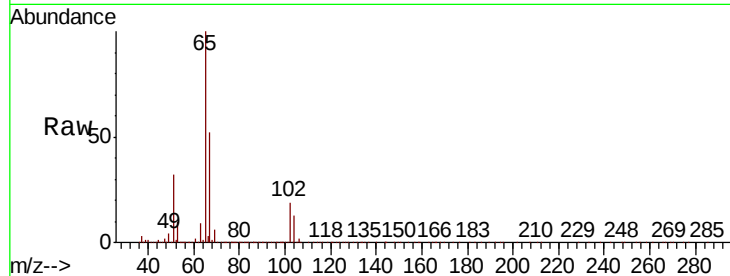




#33
 1,2-Dichloroethane-d4
 Concen: 53.456 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

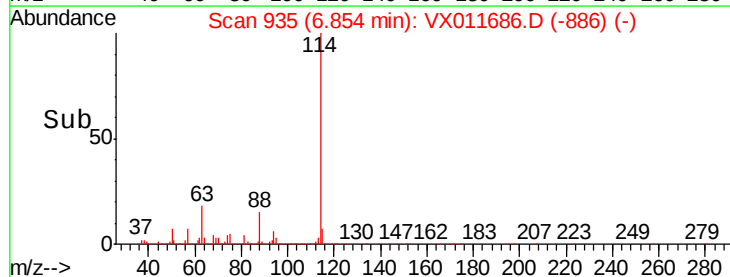
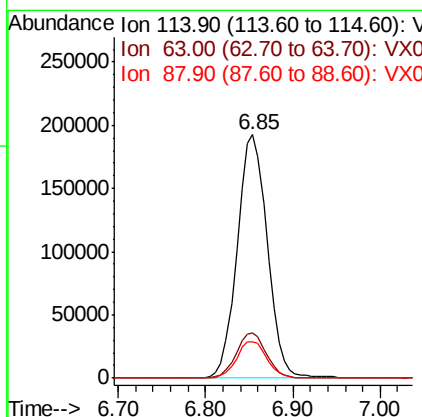
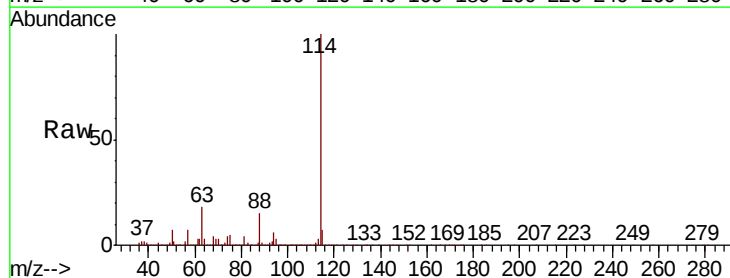
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

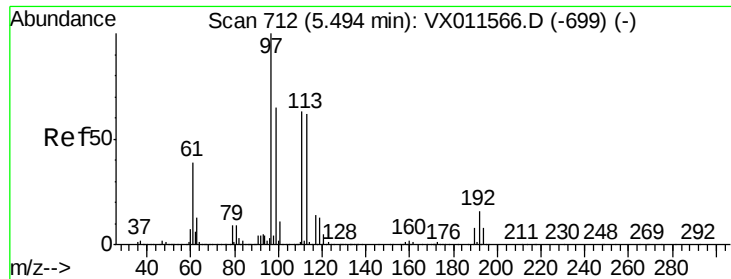
Tgt Ion: 65 Resp: 159123
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Tgt Ion: 114 Resp: 460781
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.8
 88 14.8 0.0 30.2

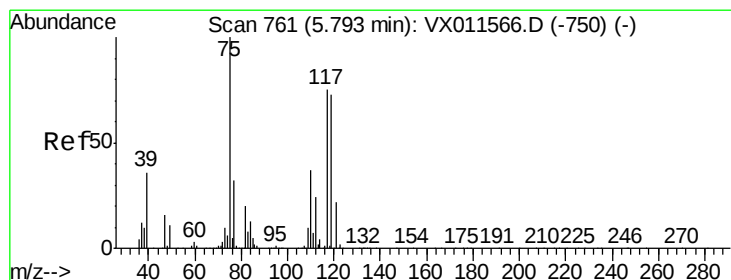
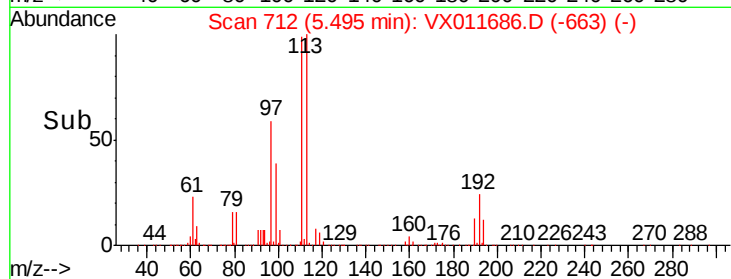
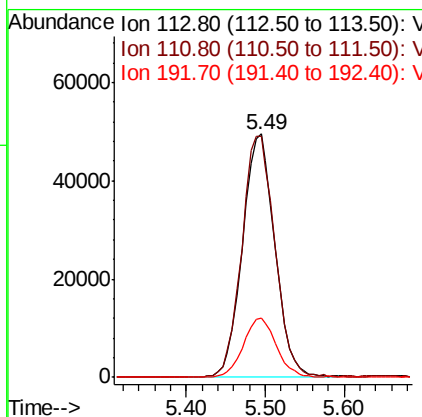
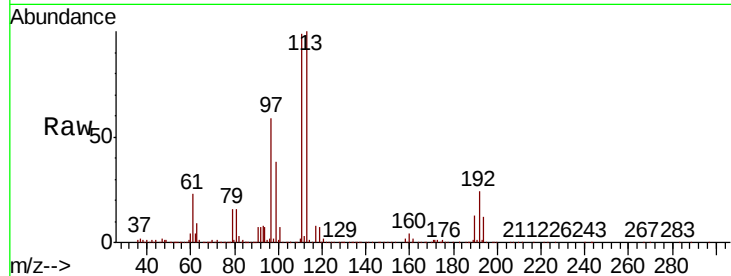




#35
 Dibromofluoromethane
 Concen: 46.998 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

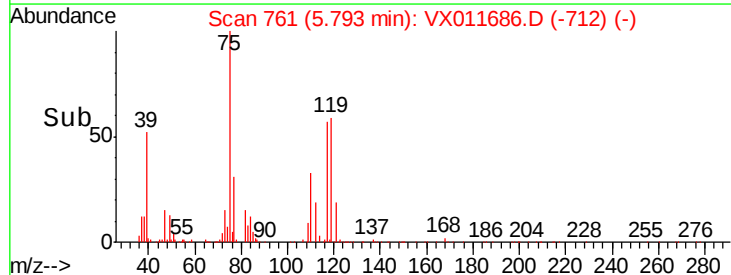
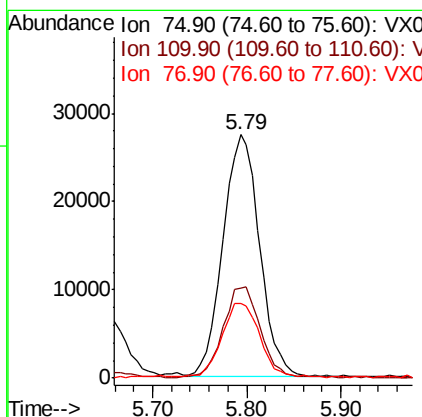
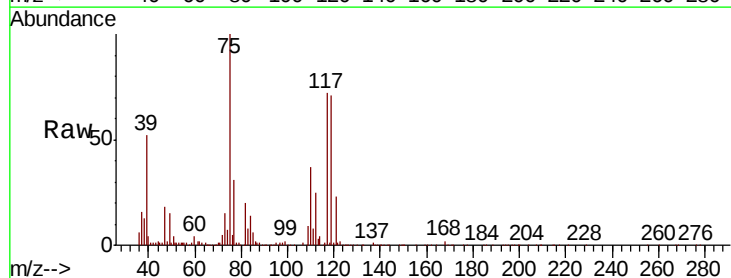
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

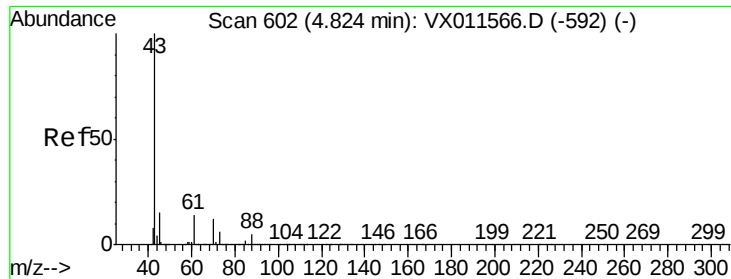
Tgt Ion: 113 Resp: 141643
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.1 121.7
 192 24.6 20.8 31.2



#36
 1,1-Dichloropropene
 Concen: 18.833 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Tgt Ion: 75 Resp: 74195
 Ion Ratio Lower Upper
 75 100
 110 37.6 19.4 58.1
 77 31.7 25.1 37.7

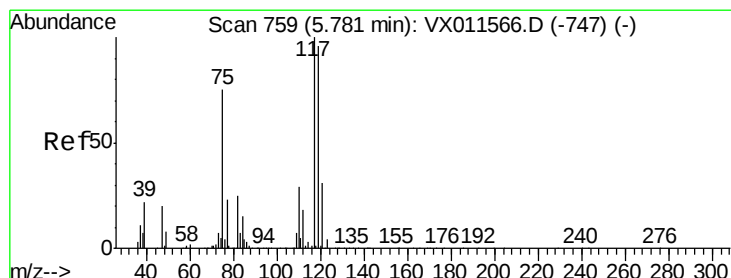
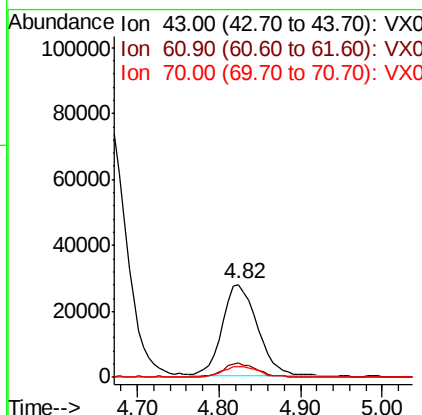
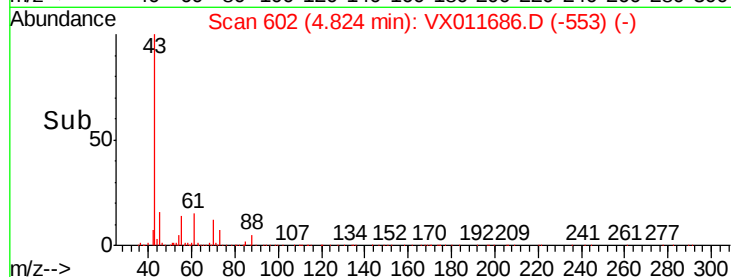
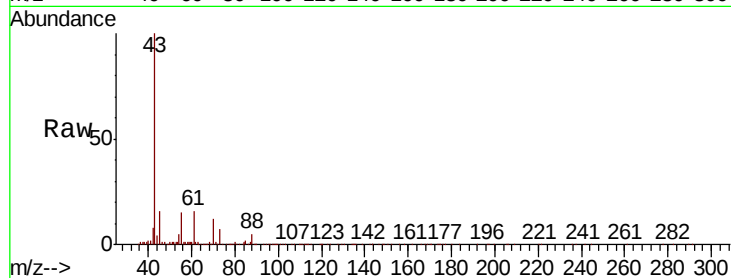




#37
Ethyl Acetate
Concen: 18.389 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

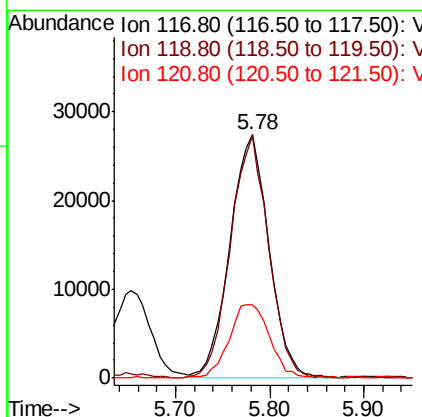
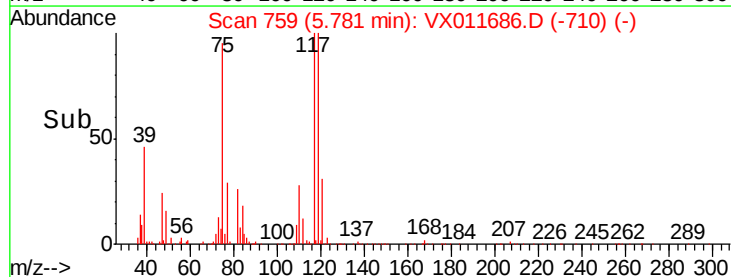
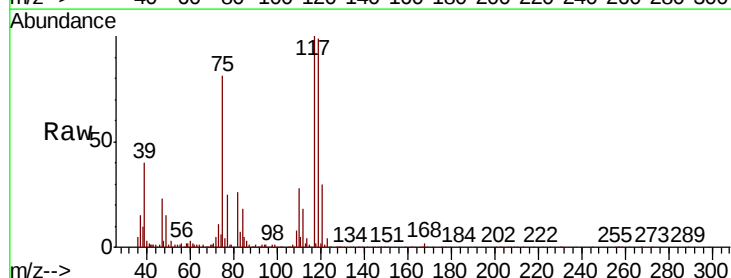
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

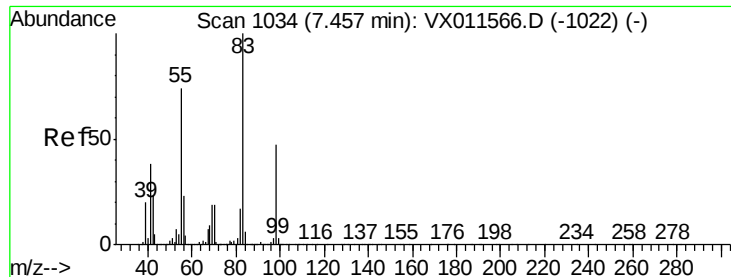
Tgt Ion: 43 Resp: 83328
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.0
70 11.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.150 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

Tgt Ion: 117 Resp: 78780
Ion Ratio Lower Upper
117 100
119 99.5 76.9 115.3
121 30.3 24.8 37.2

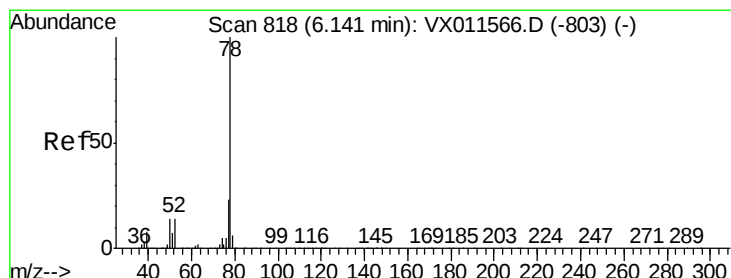
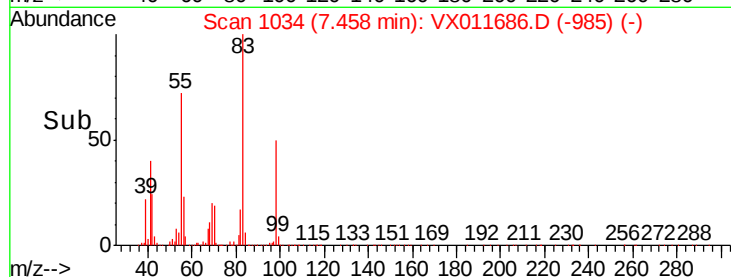
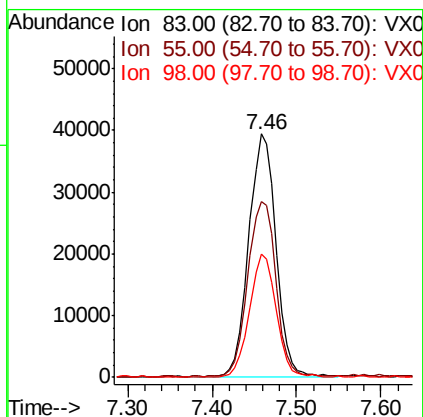
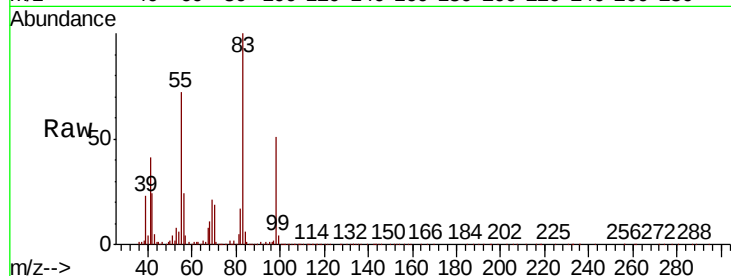




#39
Methylcyclohexane
Concen: 17.736 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

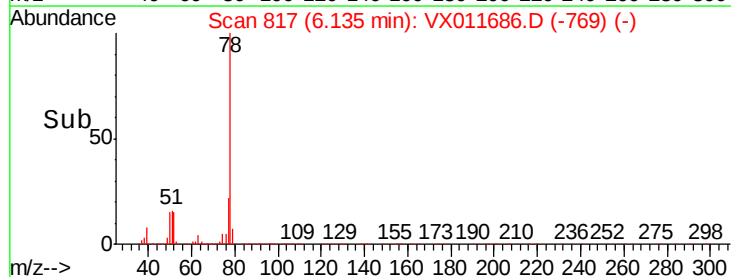
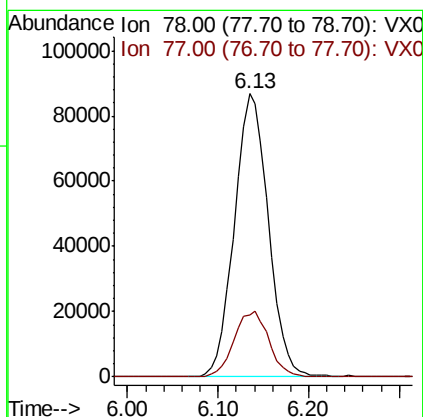
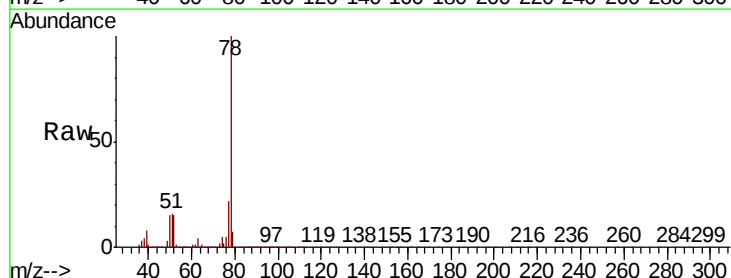
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

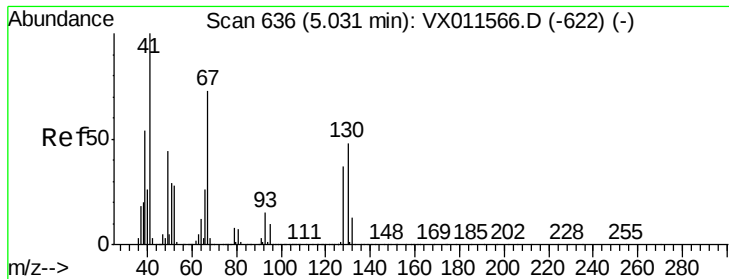
Tgt Ion: 83 Resp: 86288
Ion Ratio Lower Upper
83 100
55 72.3 58.8 88.2
98 50.4 37.8 56.6



#40
Benzene
Concen: 18.329 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

Tgt Ion: 78 Resp: 224399
Ion Ratio Lower Upper
78 100
77 21.9 18.6 28.0





#41

Methacrylonitrile

Concen: 18.712 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

Tgt Ion: 41 Resp: 46666

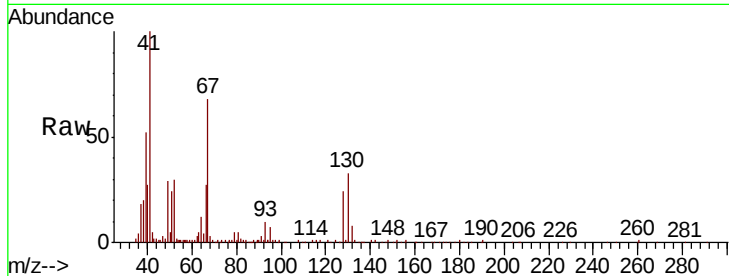
Ion Ratio Lower Upper

41 100

39 55.5 43.5 65.3

67 74.8 59.4 89.2

52 28.7 23.4 35.2

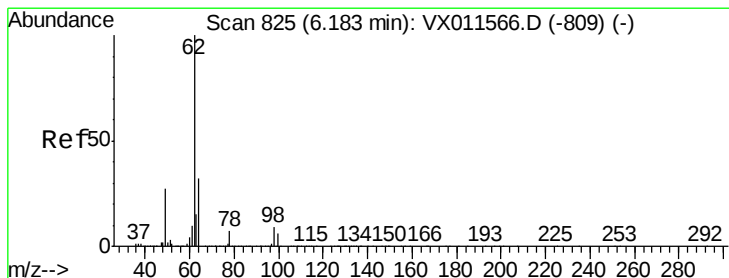
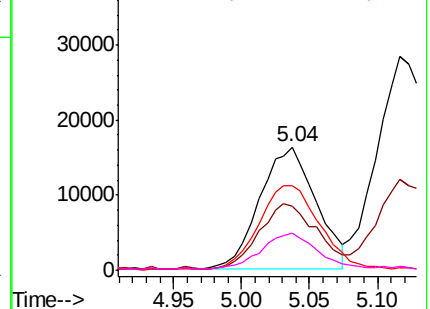
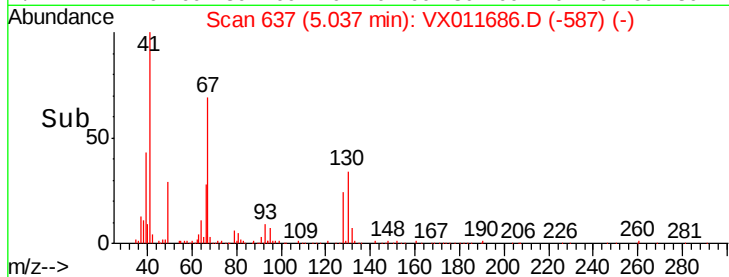


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.317 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.01 min

Lab File: VX011686.D

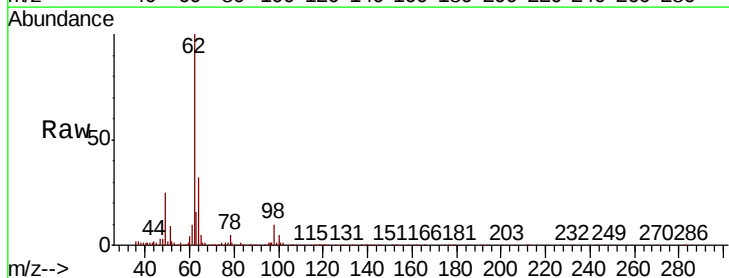
Acq: 20 Aug 2019 15:48

Tgt Ion: 62 Resp: 86176

Ion Ratio Lower Upper

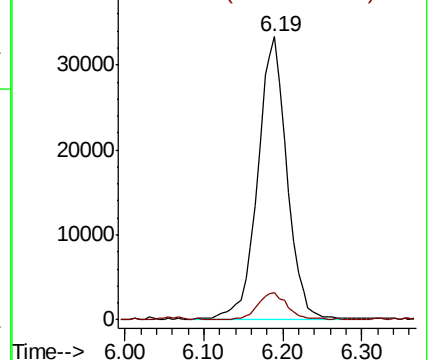
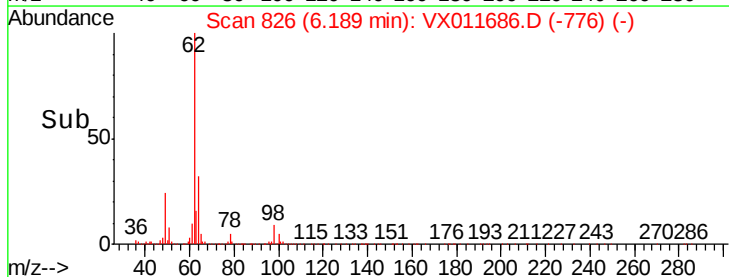
62 100

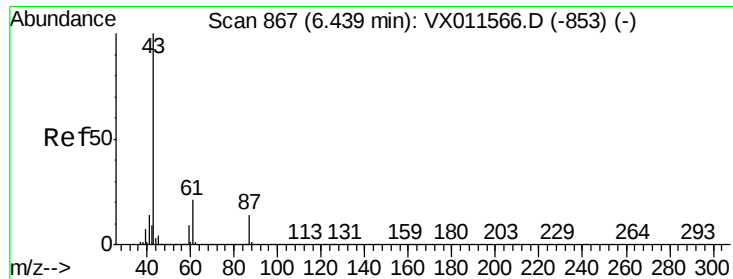
98 9.4 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



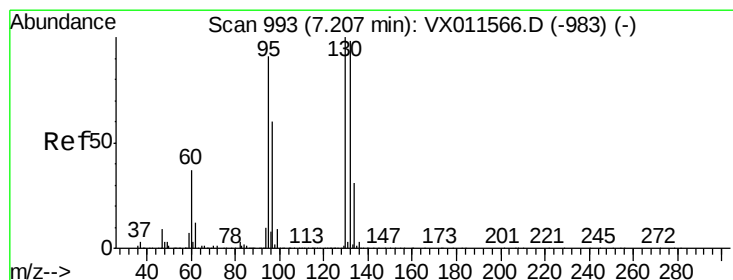
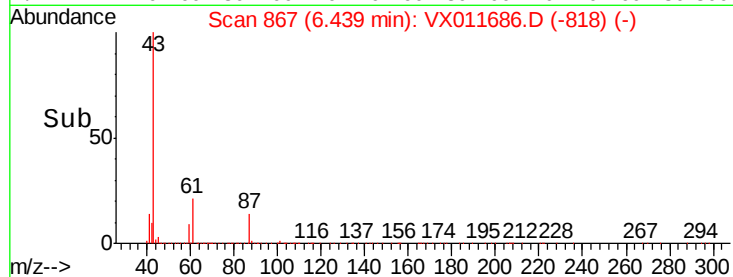
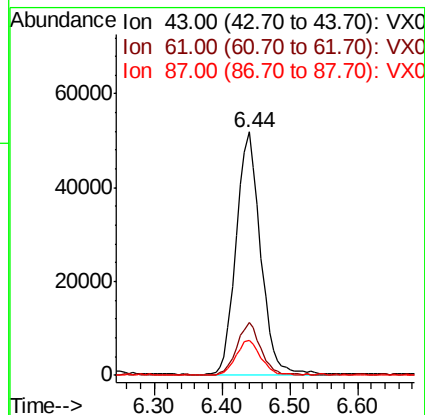
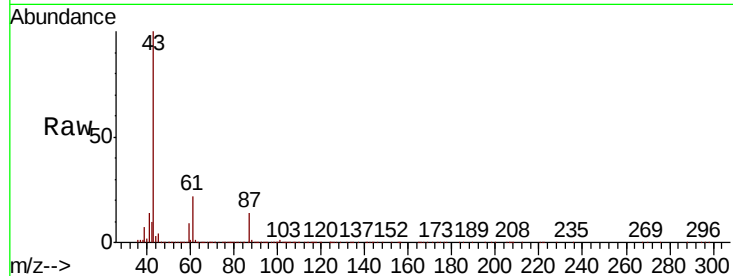


#43

Isopropyl Acetate
 Concen: 18.174 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

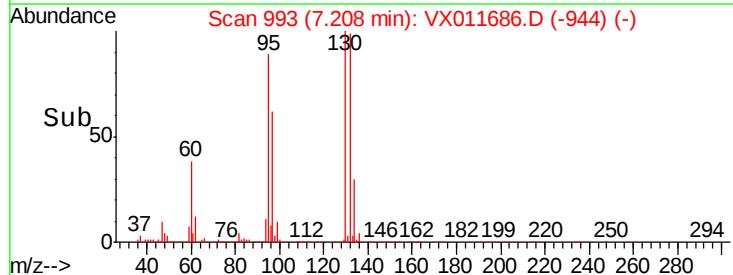
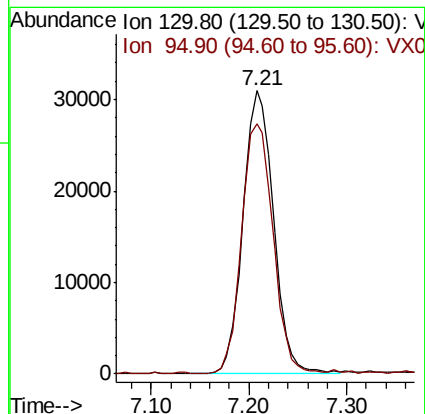
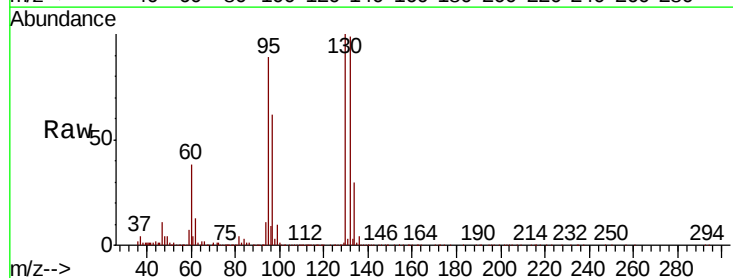
Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.6	24.8
87	14.4	11.4	17.2

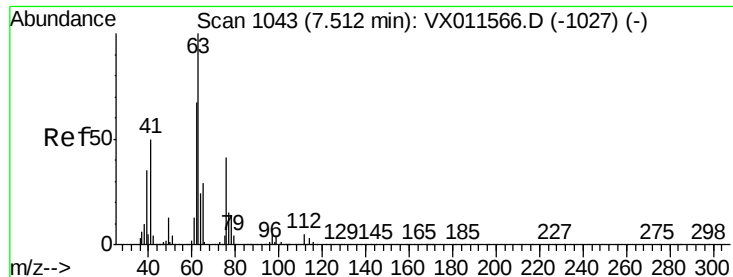


#44

Trichloroethene
 Concen: 18.520 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.3	0.0	181.4

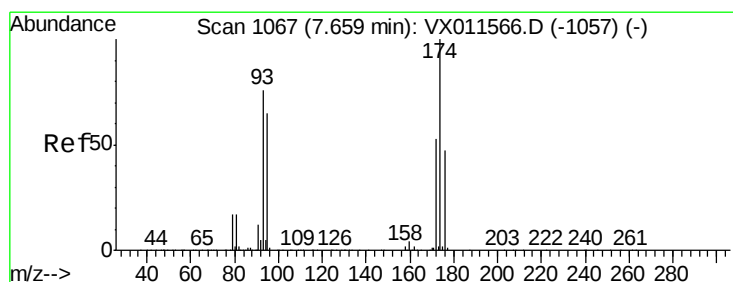
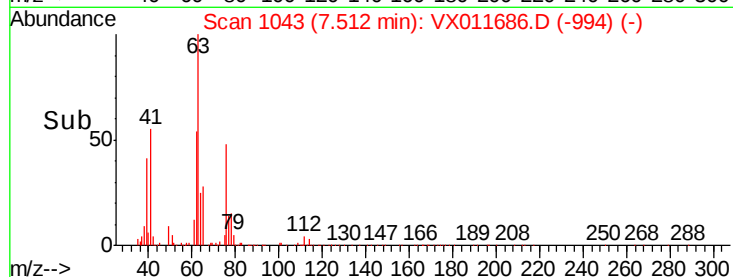
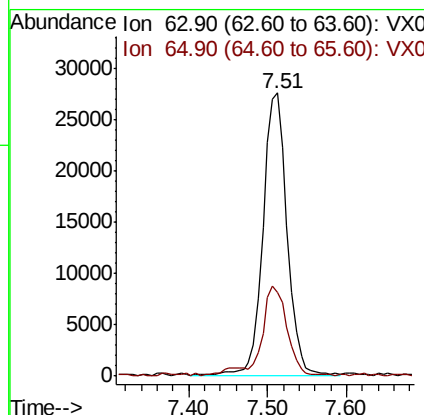
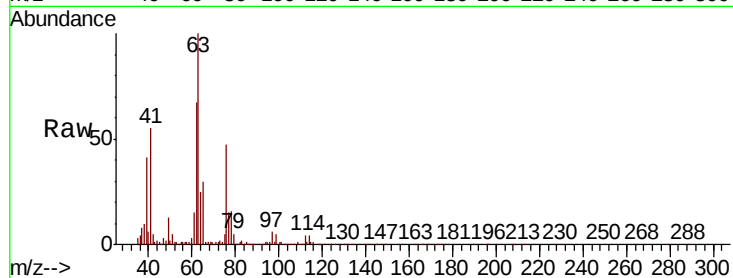




#45
 1,2-Dichloropropane
 Concen: 19.068 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

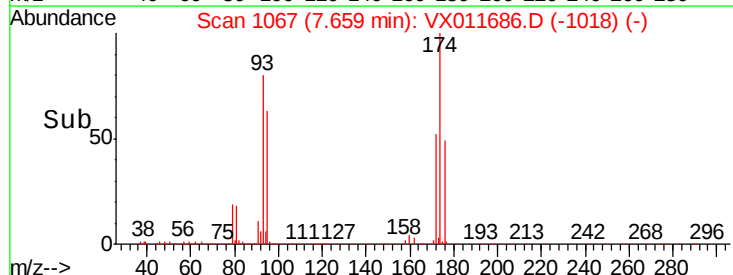
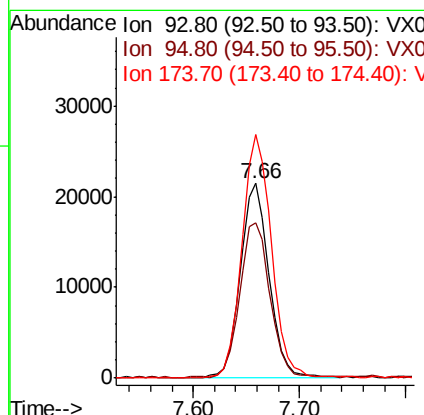
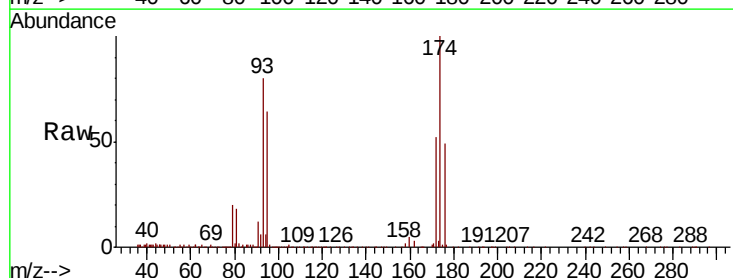
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

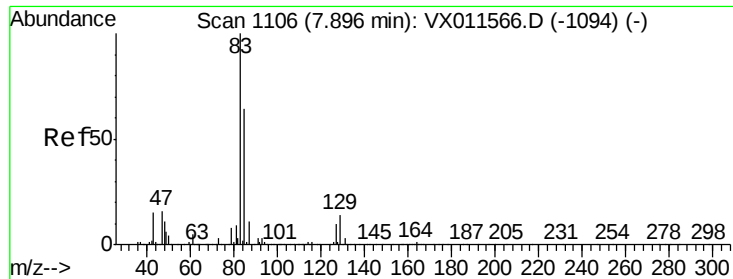
Tgt Ion: 63 Resp: 58219
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.4 35.2



#46
 Dibromomethane
 Concen: 18.476 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Tgt Ion: 93 Resp: 40993
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.2 100.8
 174 127.6 105.5 158.3

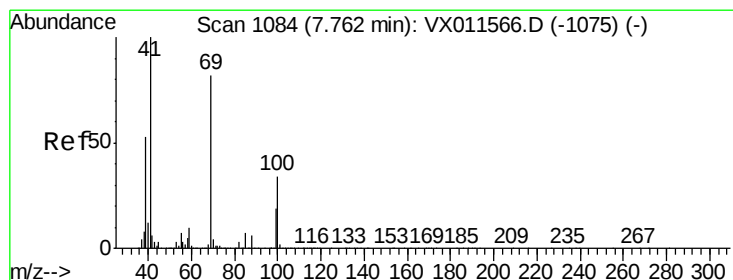
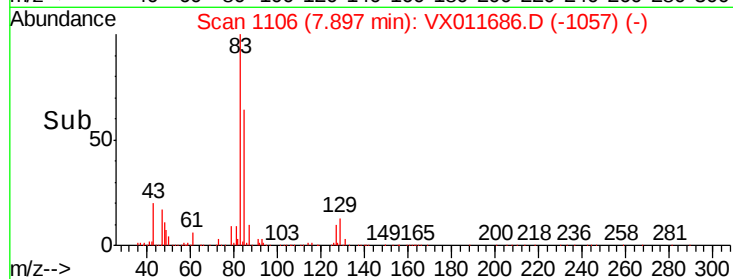
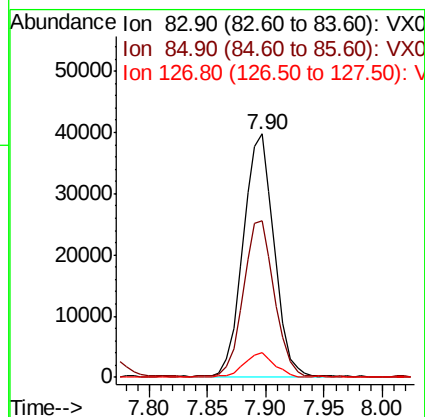
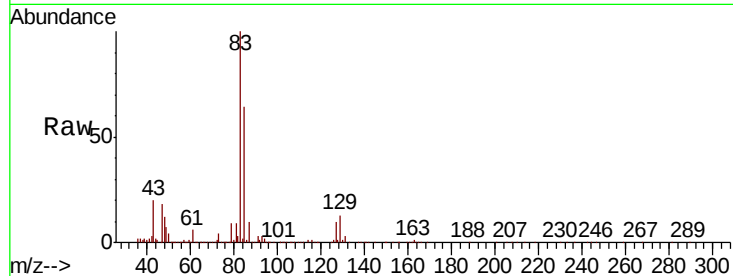




#47
 Bromodichloromethane
 Concen: 18.171 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

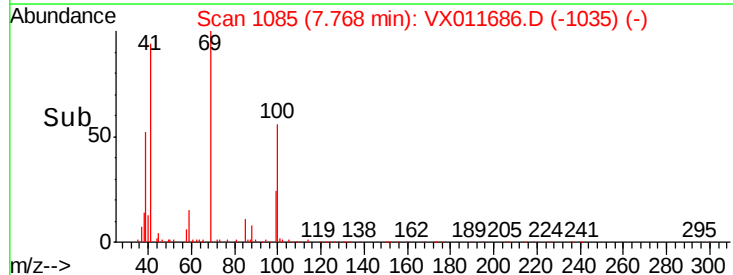
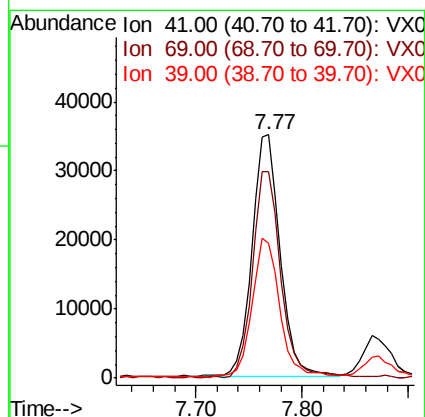
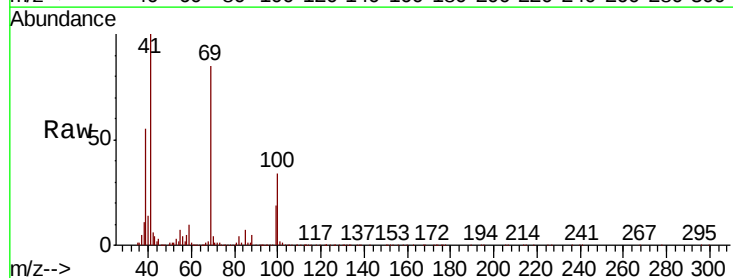
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

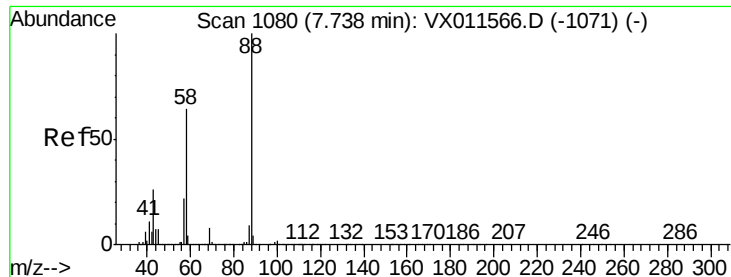
Tgt Ion: 83 Resp: 74027
 Ion Ratio Lower Upper
 83 100
 85 63.9 51.2 76.8
 127 9.9 8.1 12.1



#48
 Methyl methacrylate
 Concen: 18.709 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Tgt Ion: 41 Resp: 65519
 Ion Ratio Lower Upper
 41 100
 69 86.0 67.9 101.9
 39 57.3 41.6 62.4





#49

1,4-Dioxane

Concen: 373.076 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

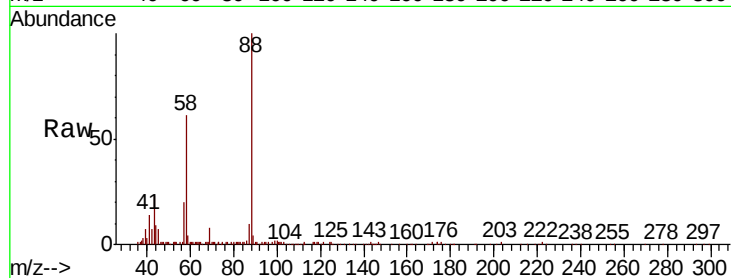
Tgt Ion: 88 Resp: 34750

Ion Ratio Lower Upper

88 100

43 28.5 23.4 35.0

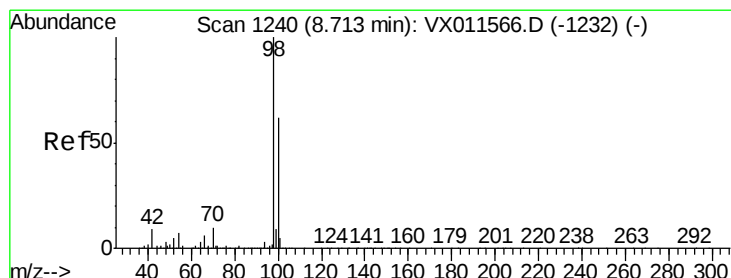
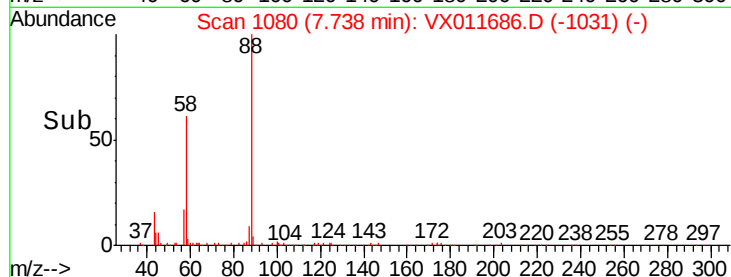
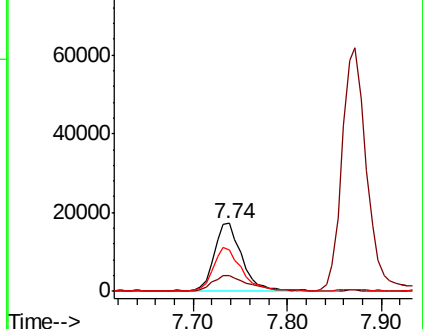
58 67.0 54.3 81.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.350 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011686.D

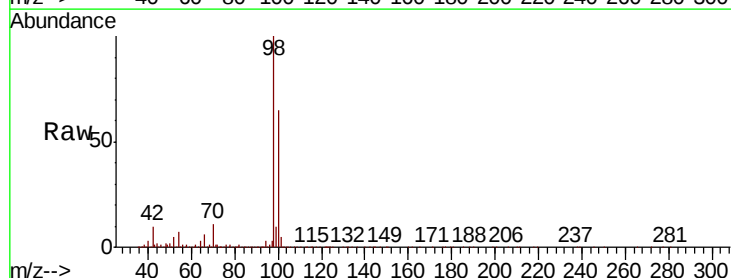
Acq: 20 Aug 2019 15:48

Tgt Ion: 98 Resp: 454039

Ion Ratio Lower Upper

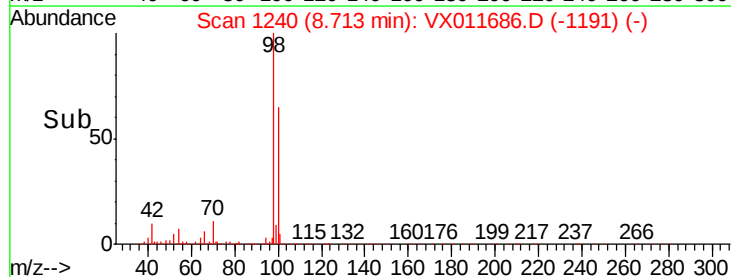
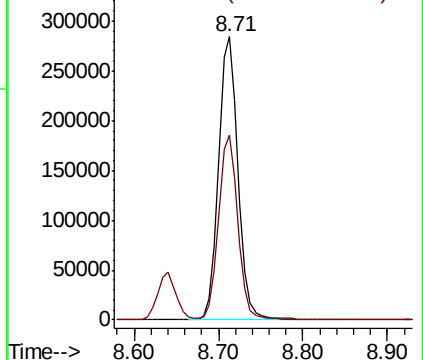
98 100

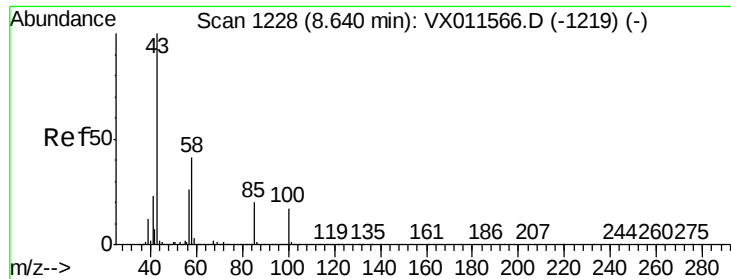
100 64.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 95.001 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

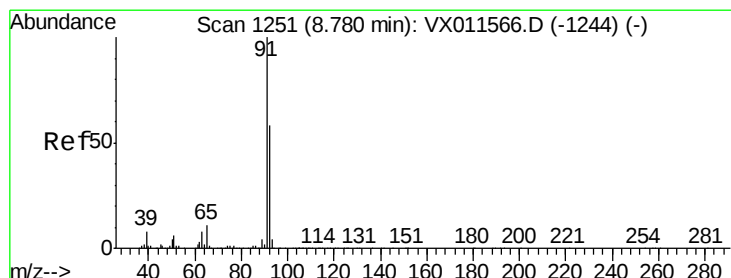
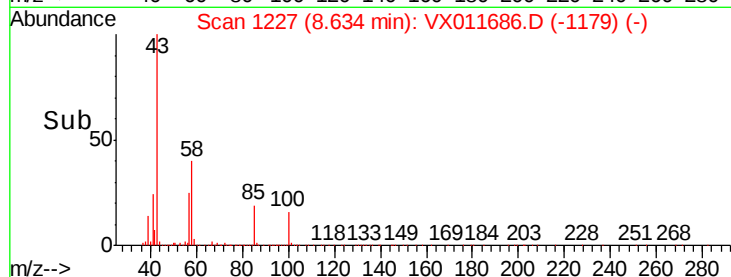
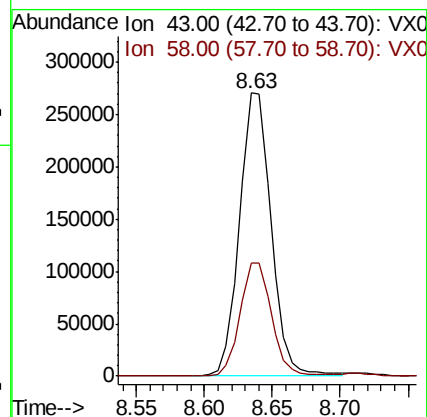
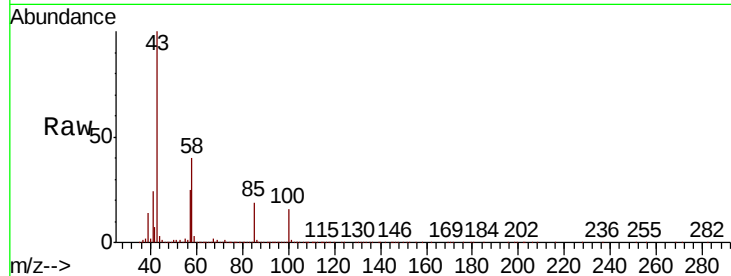
VX0820WBSD01

Tgt Ion: 43 Resp: 439731

Ion Ratio Lower Upper

43 100

58 39.7 31.8 47.6



#52

Toluene

Concen: 19.006 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011686.D

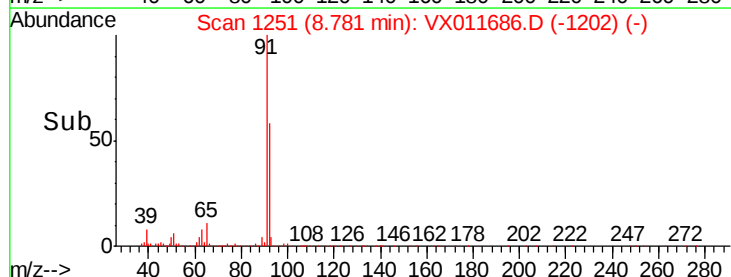
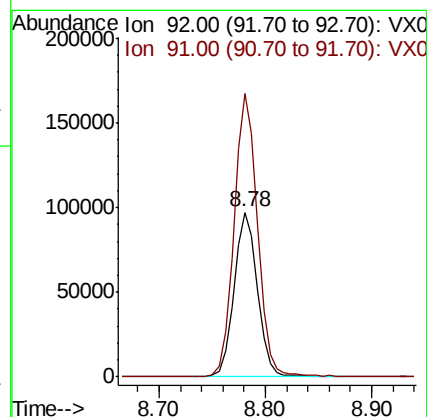
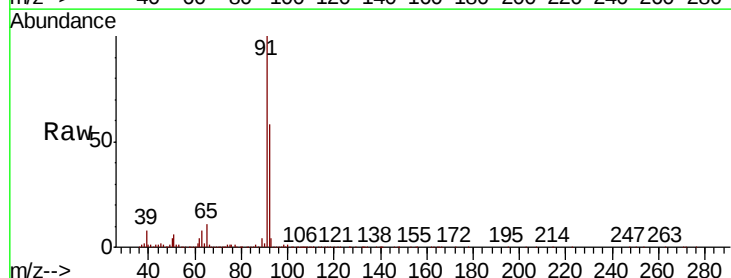
Acq: 20 Aug 2019 15:48

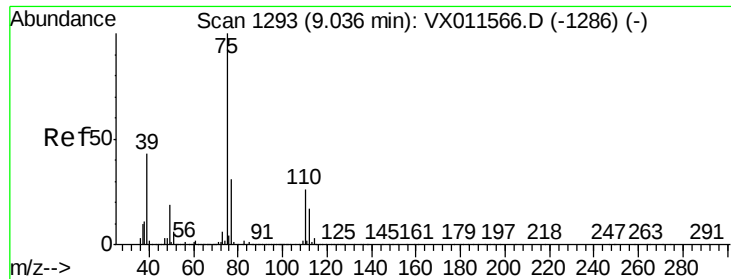
Tgt Ion: 92 Resp: 148242

Ion Ratio Lower Upper

92 100

91 174.5 138.0 207.0

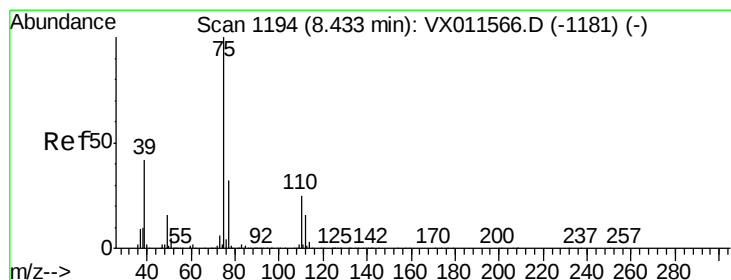
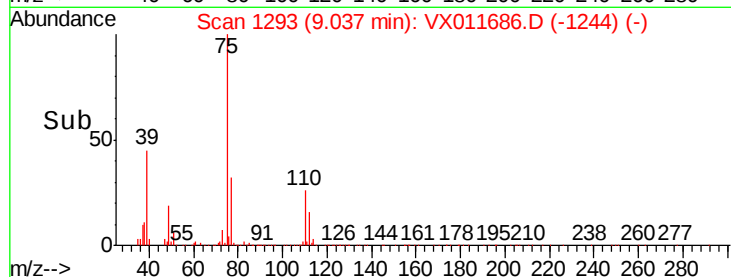
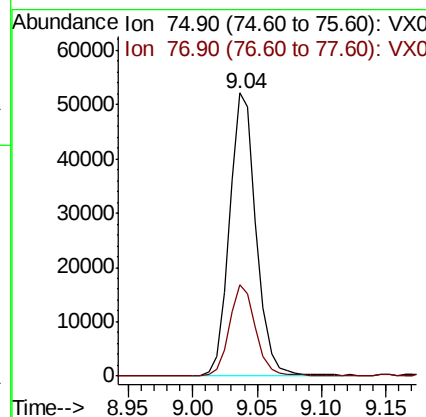
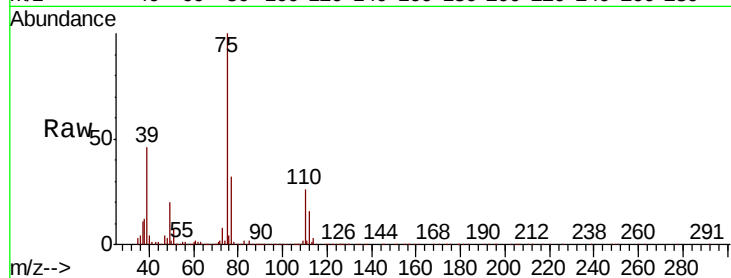




#53
 t-1,3-Dichloropropene
 Concen: 17.992 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

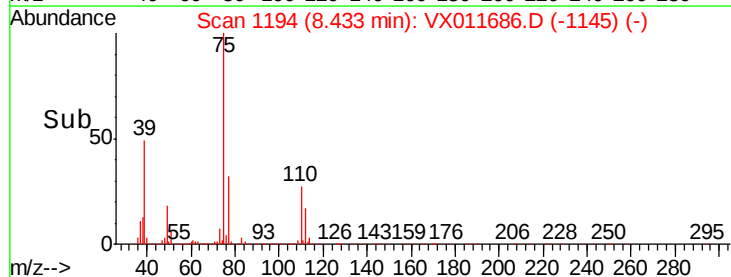
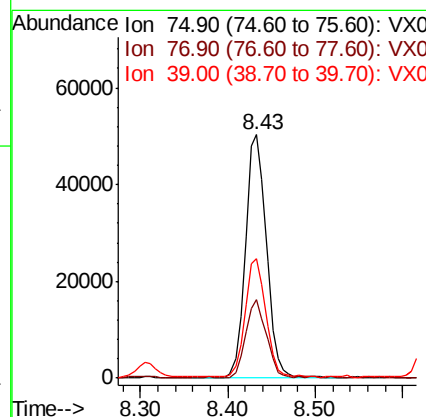
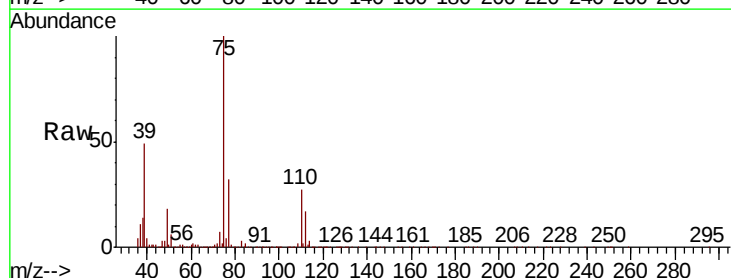
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

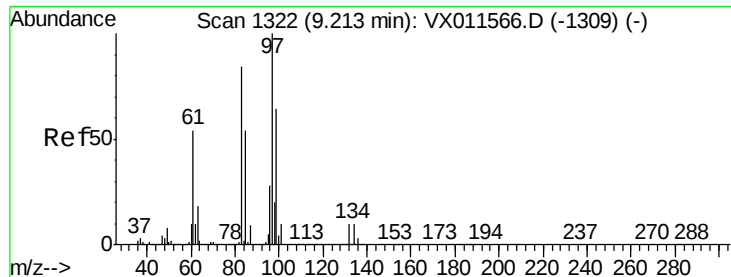
Tgt Ion: 75 Resp: 76072
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.215 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Tgt Ion: 75 Resp: 84280
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3
 39 48.7 33.6 50.4

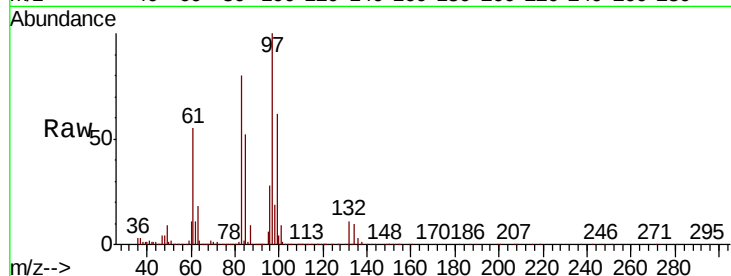




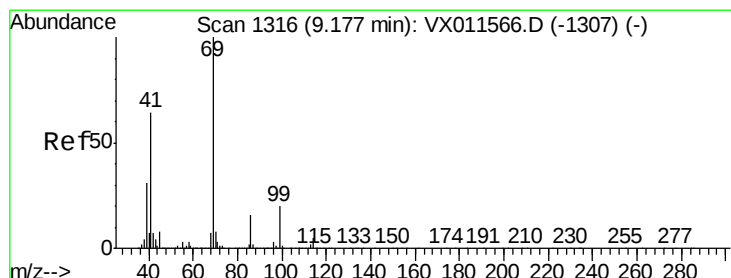
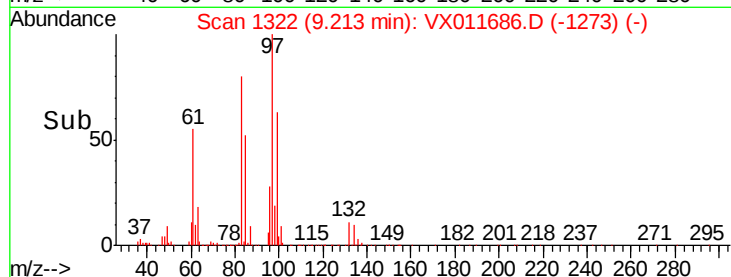
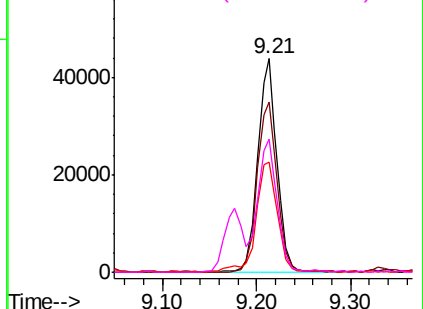
#55
 1,1,2-Trichloroethane
 Concen: 19.089 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Tgt Ion:	97	Resp:	63316
Ion	Ratio	Lower	Upper
97	100		
83	79.6	67.4	101.0
85	51.5	43.4	65.2
99	62.2	51.1	76.7

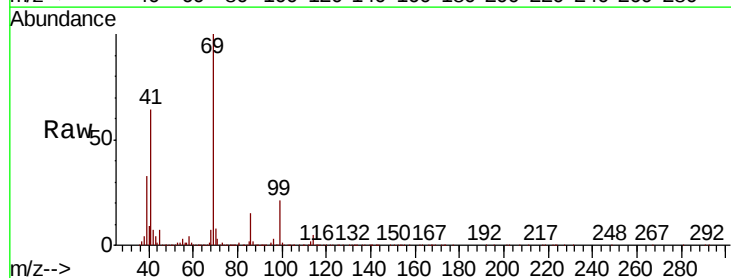


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

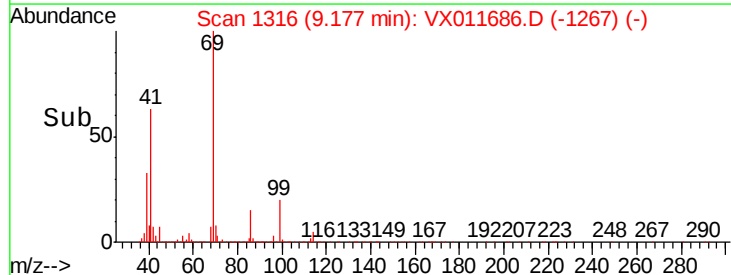
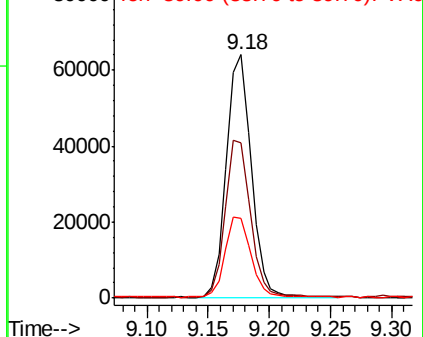


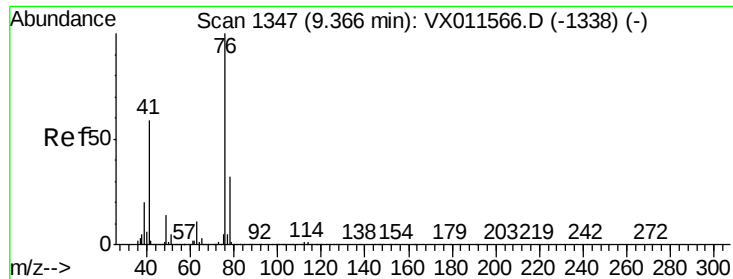
#56
 Ethyl methacrylate
 Concen: 18.677 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Tgt Ion:	69	Resp:	90036
Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.1	78.1
39	34.3	25.4	38.0



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





#57

1,3-Dichloropropane

Concen: 18.716 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

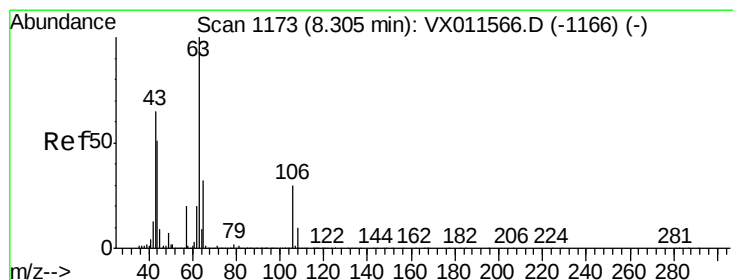
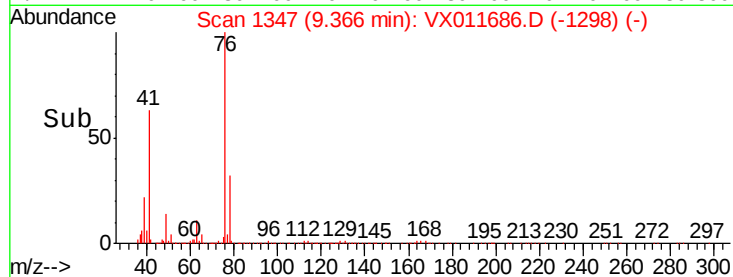
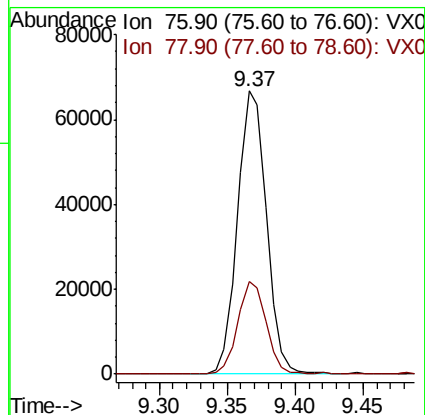
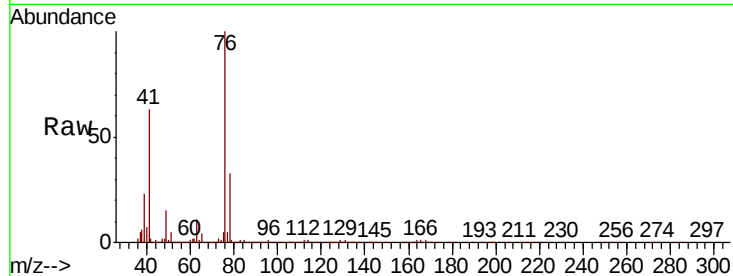
VX0820WBSD01

Tgt Ion: 76 Resp: 98677

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 93.068 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011686.D

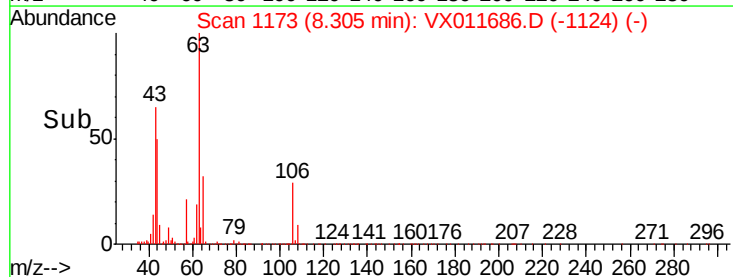
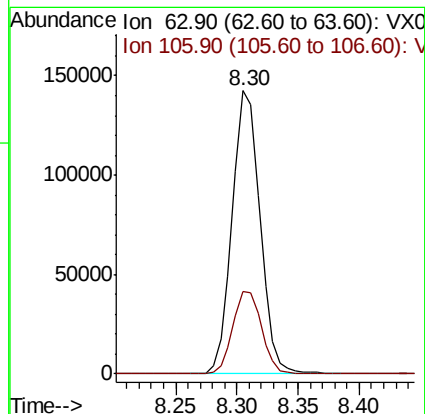
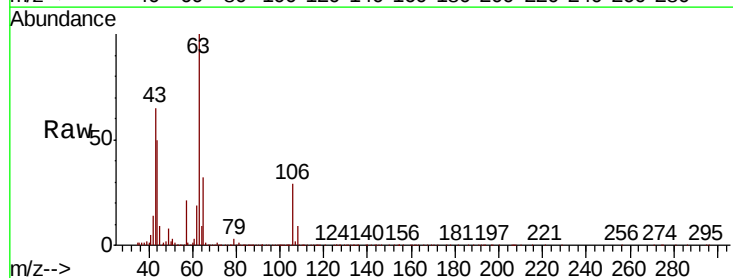
Acq: 20 Aug 2019 15:48

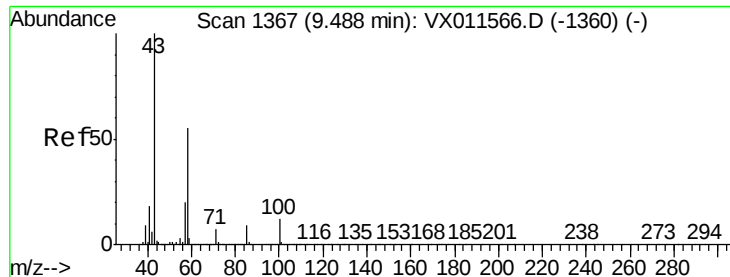
Tgt Ion: 63 Resp: 223552

Ion Ratio Lower Upper

63 100

106 30.3 24.7 37.1

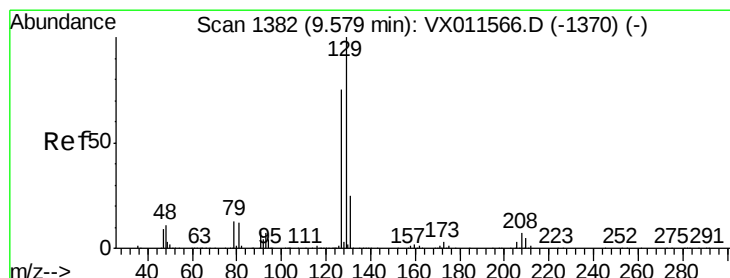
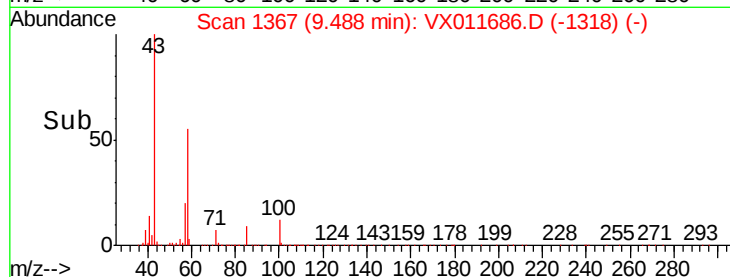
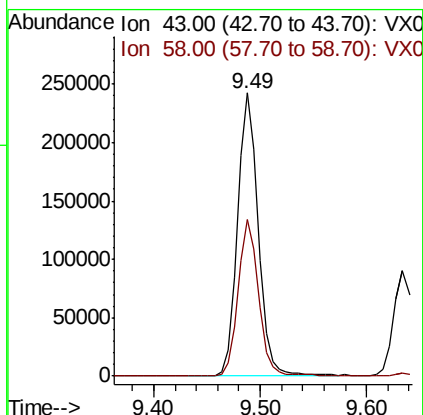
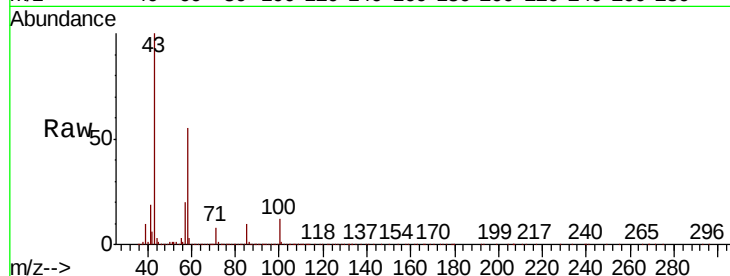




#59
2-Hexanone
Concen: 93.223 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

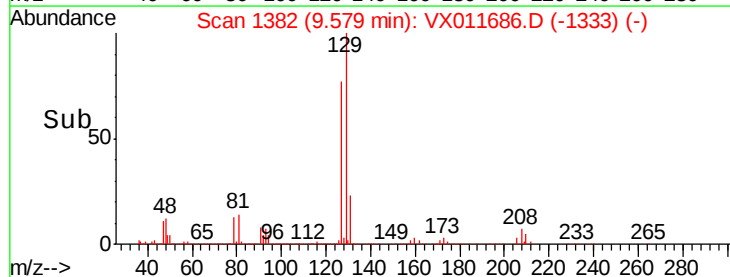
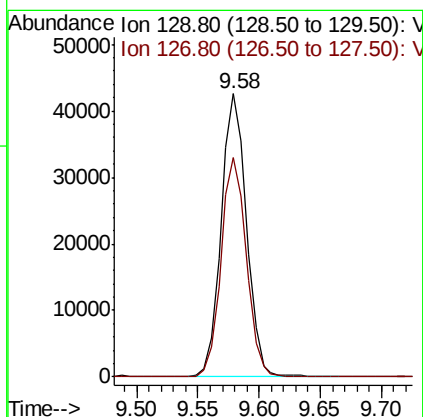
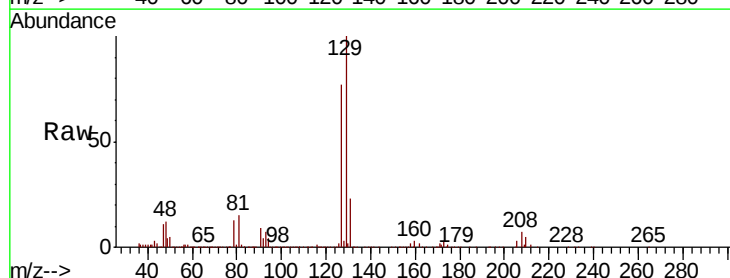
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

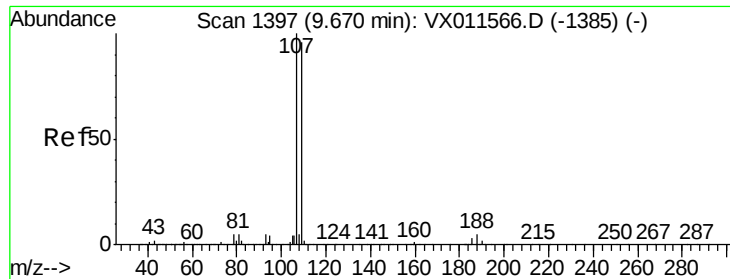
Tgt Ion: 43 Resp: 332752
Ion Ratio Lower Upper
43 100
58 54.6 27.5 82.4



#60
Dibromochloromethane
Concen: 17.576 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

Tgt Ion: 129 Resp: 60739
Ion Ratio Lower Upper
129 100
127 77.8 38.0 114.1

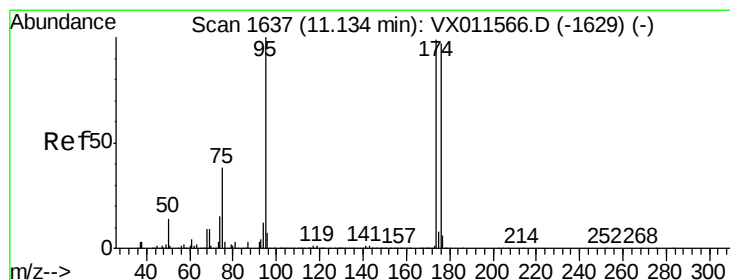
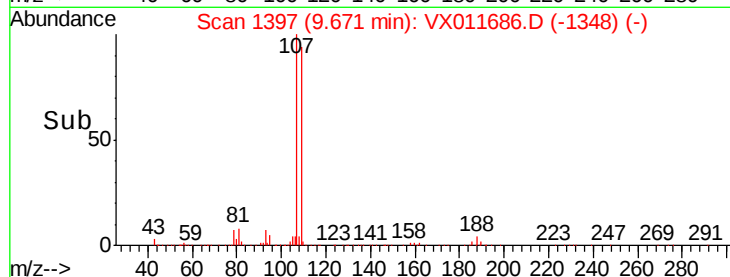
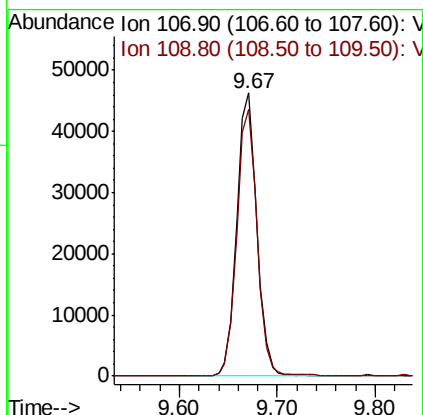
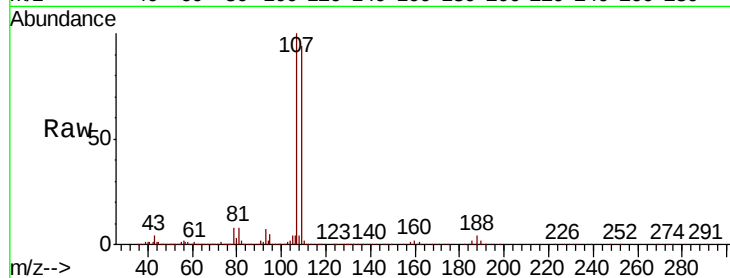




#61
 1,2-Dibromoethane
 Concen: 18.698 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

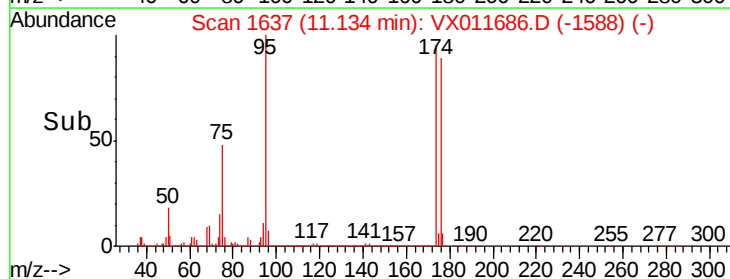
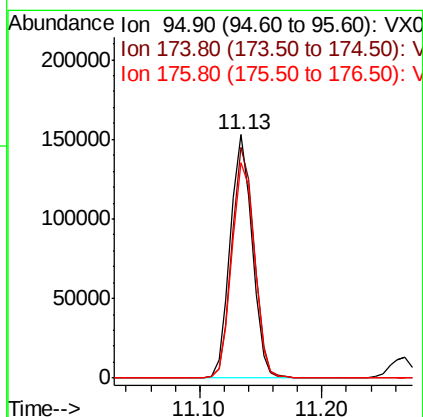
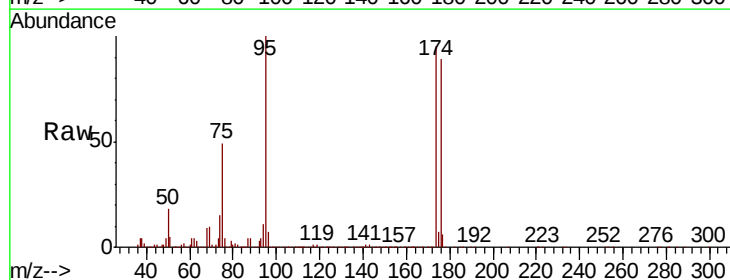
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

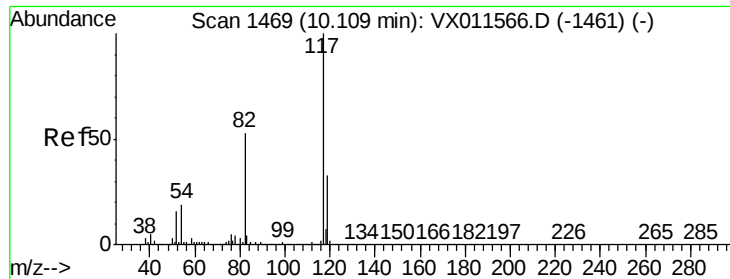
Tgt Ion: 107 Resp: 66187
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 47.675 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Tgt Ion: 95 Resp: 188965
 Ion Ratio Lower Upper
 95 100
 174 96.6 0.0 200.6
 176 91.9 0.0 196.6

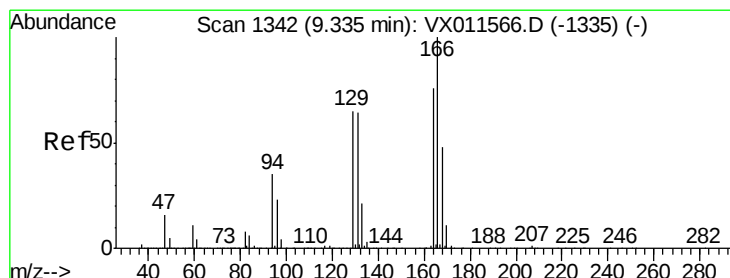
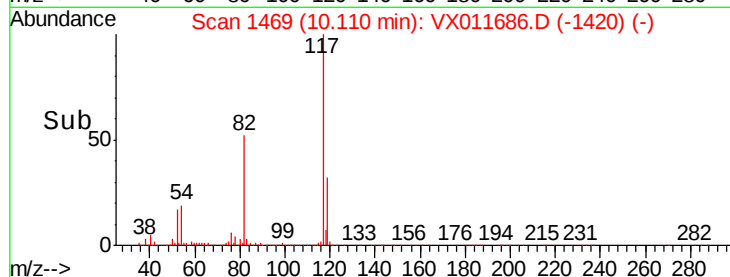
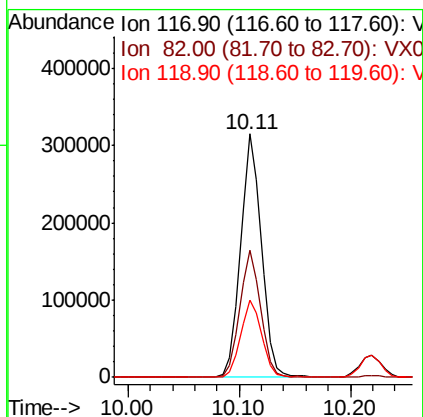
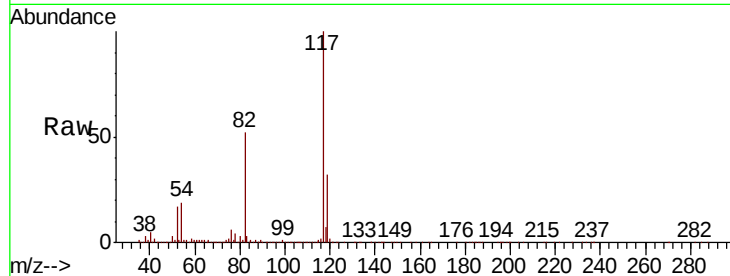




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

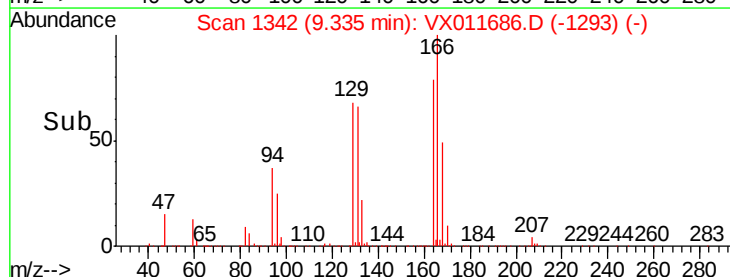
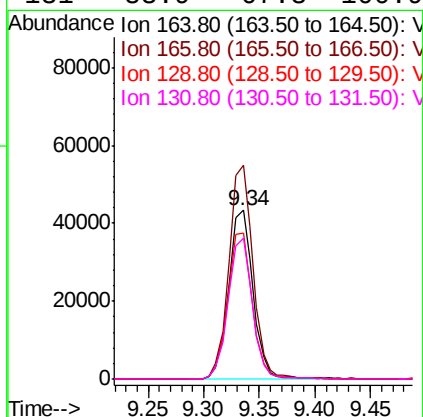
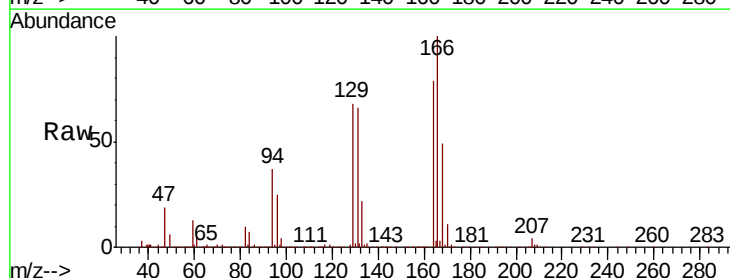
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

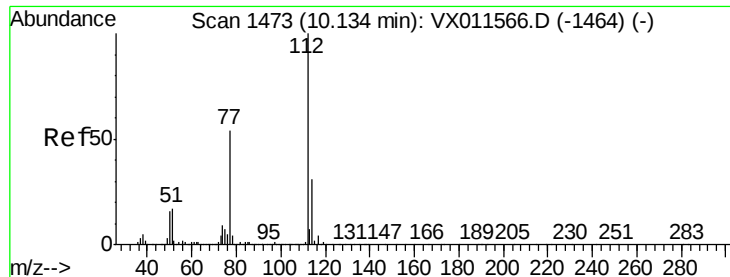
Tgt Ion:117 Resp: 408620
Ion Ratio Lower Upper
117 100
82 52.0 42.0 63.0
119 31.6 26.5 39.7



#64
Tetrachloroethene
Concen: 19.624 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

Tgt Ion:164 Resp: 65793
Ion Ratio Lower Upper
164 100
166 126.7 104.7 157.1
129 86.3 68.2 102.4
131 83.9 67.3 100.9

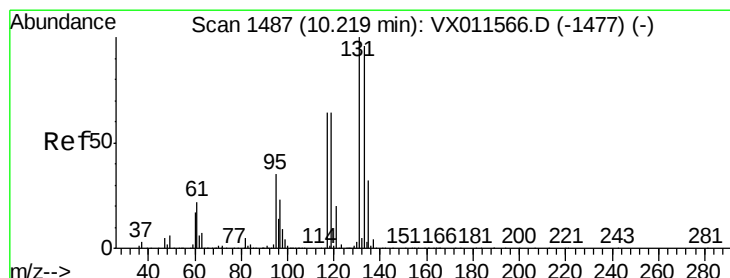
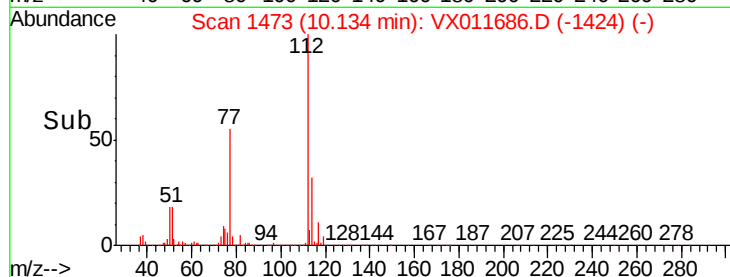
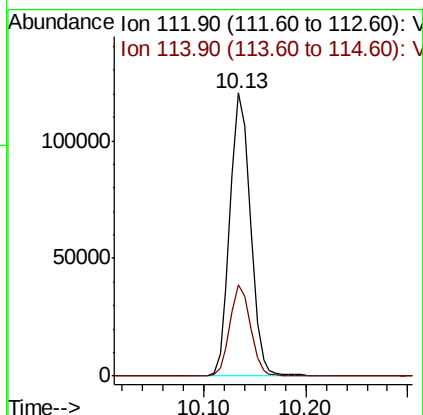
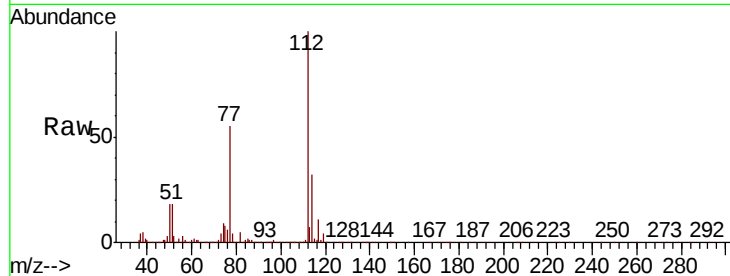




#65
Chlorobenzene
Concen: 19.233 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

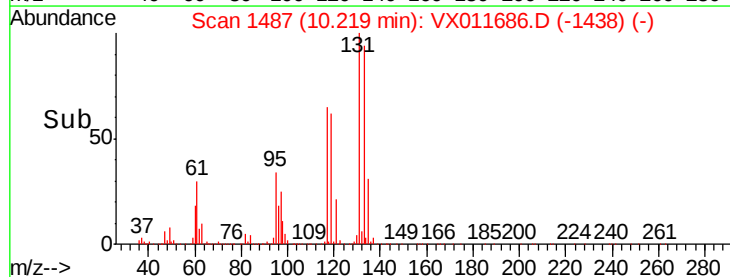
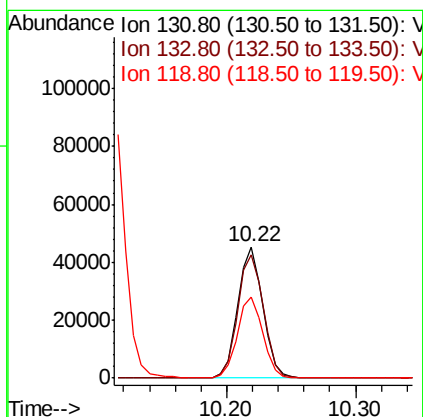
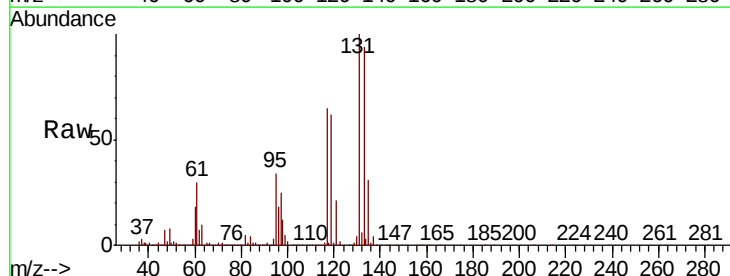
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

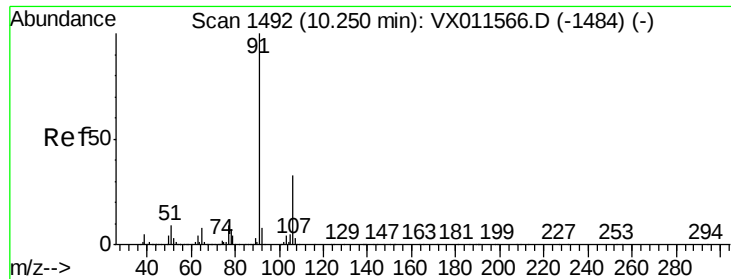
Tgt Ion:112 Resp: 167621
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.766 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

Tgt Ion:131 Resp: 61130
Ion Ratio Lower Upper
131 100
133 96.4 48.1 144.4
119 62.8 31.3 93.8

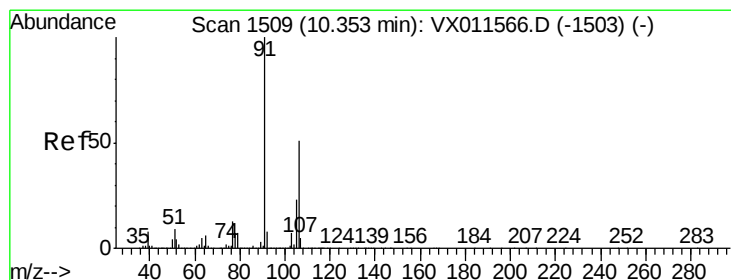
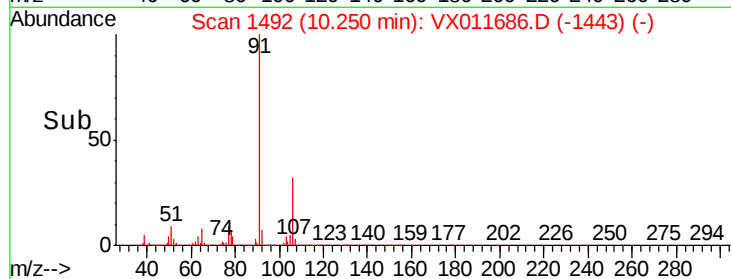
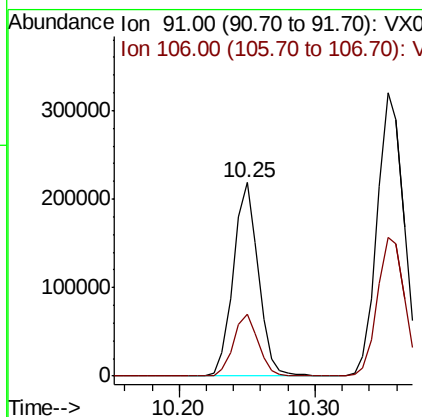
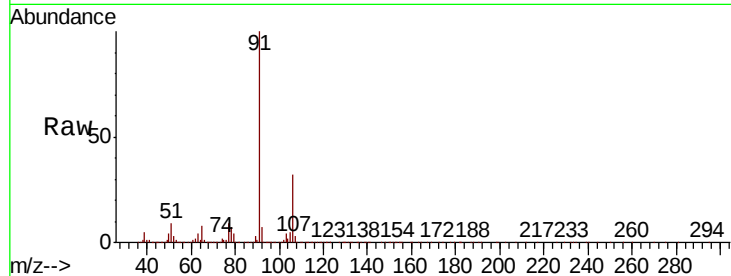




#67
Ethyl Benzene
Concen: 19.296 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

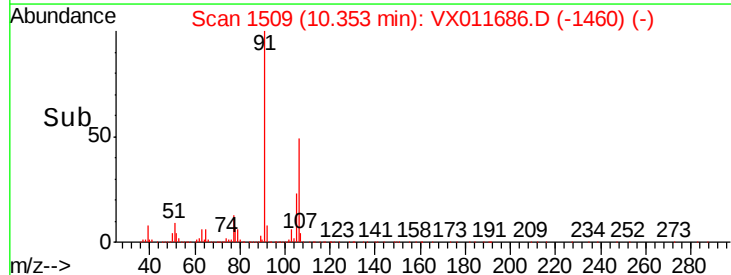
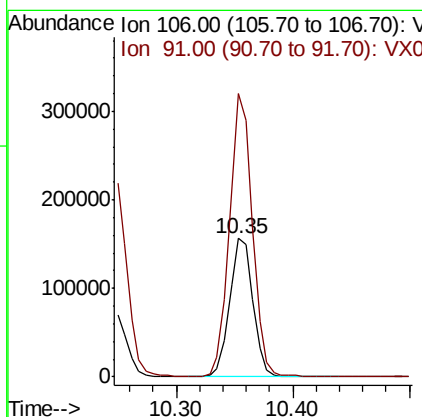
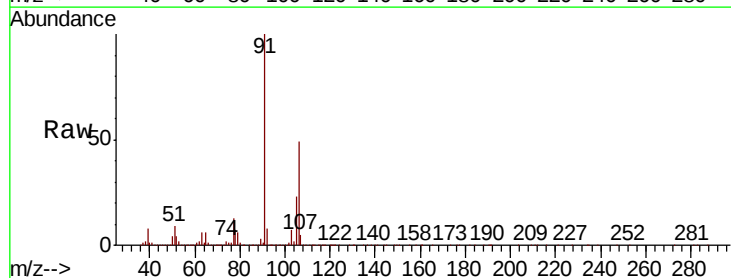
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

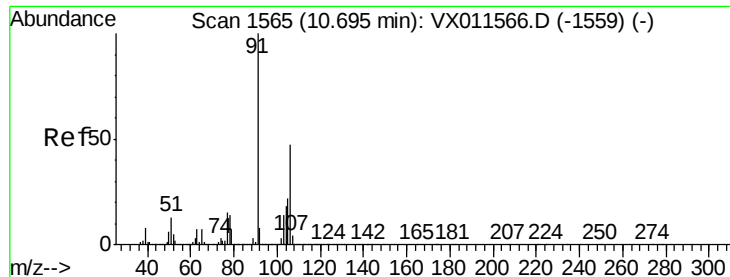
Tgt Ion: 91 Resp: 280671
Ion Ratio Lower Upper
91 100
106 31.8 26.0 39.0



#68
m/p-Xylenes
Concen: 39.076 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

Tgt Ion: 106 Resp: 218174
Ion Ratio Lower Upper
106 100
91 200.5 156.0 234.0

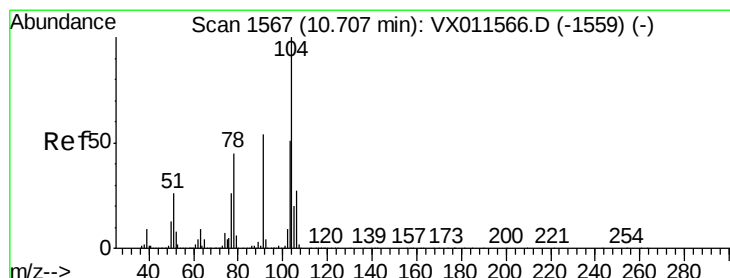
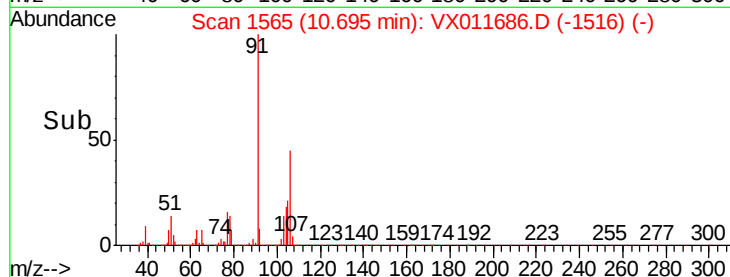
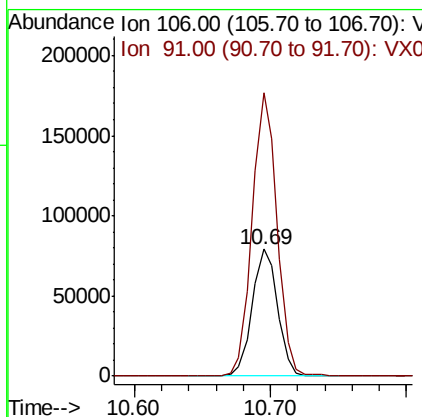
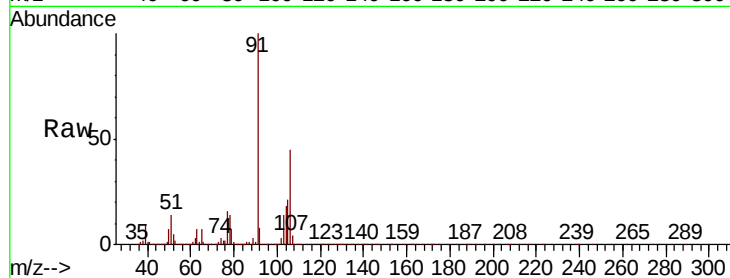




#69
o-Xylene
Concen: 19.071 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

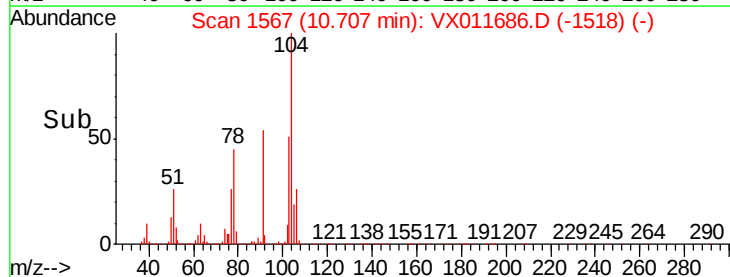
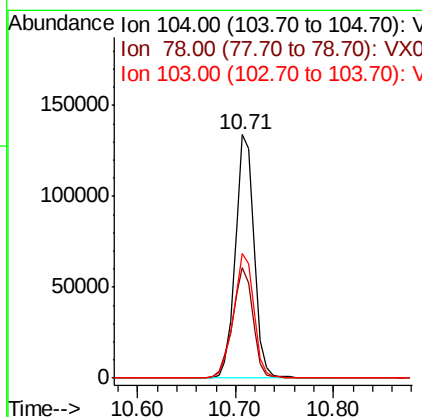
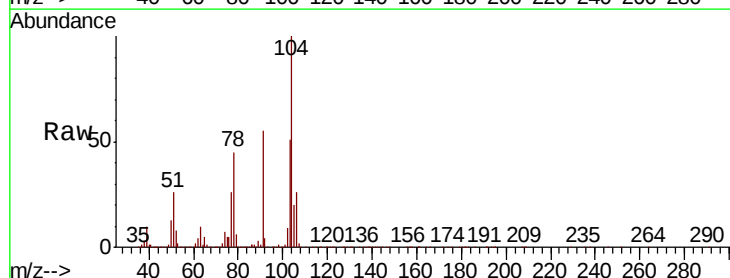
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

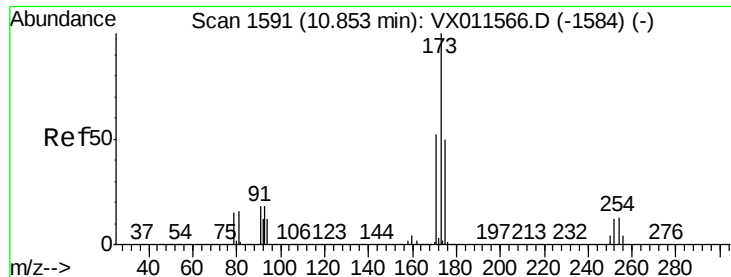
Tgt Ion:106 Resp: 104299
Ion Ratio Lower Upper
106 100
91 217.6 105.5 316.4



#70
Styrene
Concen: 19.325 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

Tgt Ion:104 Resp: 177923
Ion Ratio Lower Upper
104 100
78 49.5 38.2 57.4
103 55.5 43.6 65.4





#71

Bromoform

Concen: 17.005 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

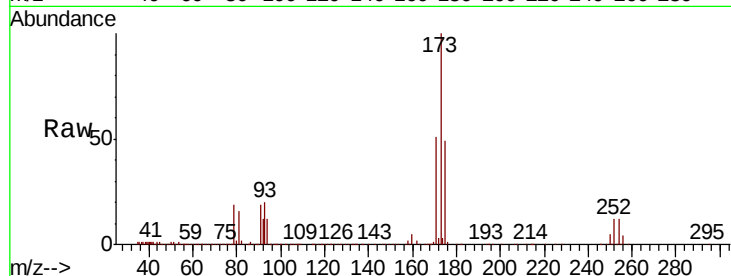
Tgt Ion:173 Resp: 46471

Ion Ratio Lower Upper

173 100

175 49.4 24.9 74.7

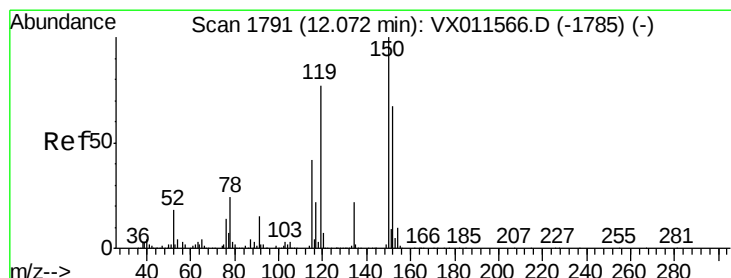
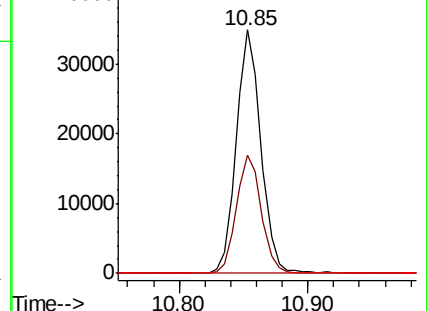
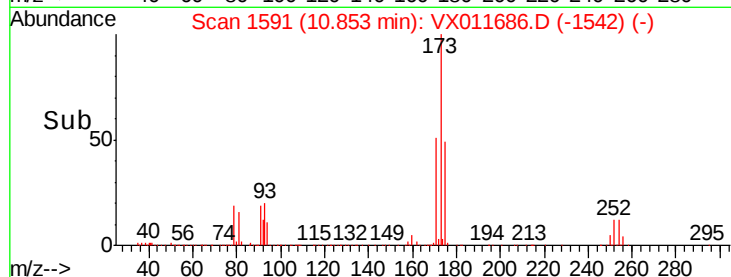
254 0.3 0.1 0.1#



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: VX011686.D

Acq: 20 Aug 2019 15:48

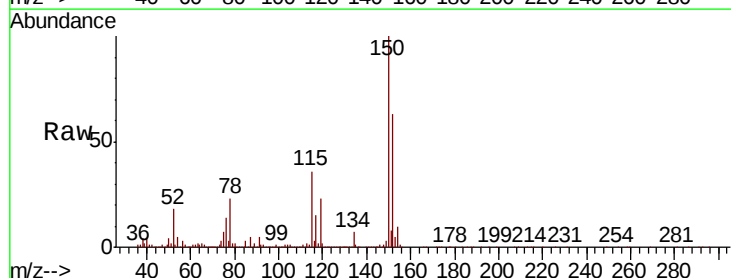
Tgt Ion:152 Resp: 213854

Ion Ratio Lower Upper

152 100

115 63.4 37.3 111.9

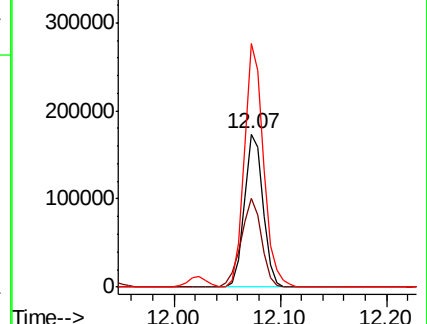
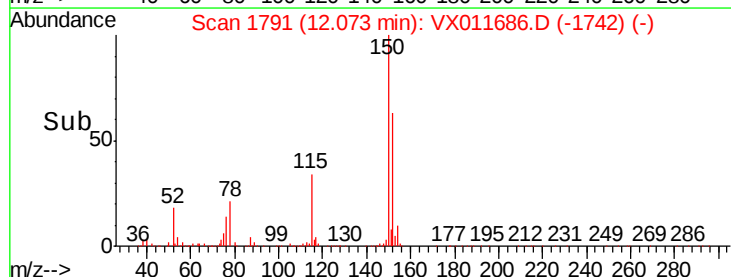
150 163.1 0.0 346.2

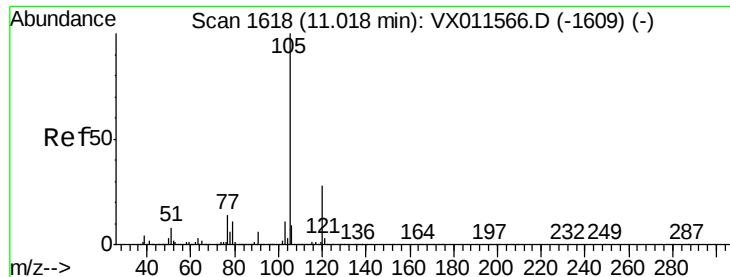


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.892 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

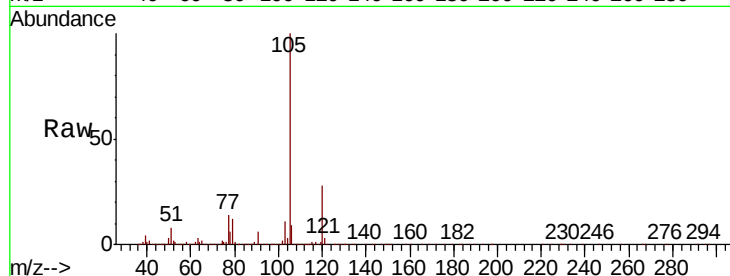
VX0820WBSD01

Tgt Ion: 105 Resp: 289917

Ion Ratio Lower Upper

105 100

120 27.4 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

200000

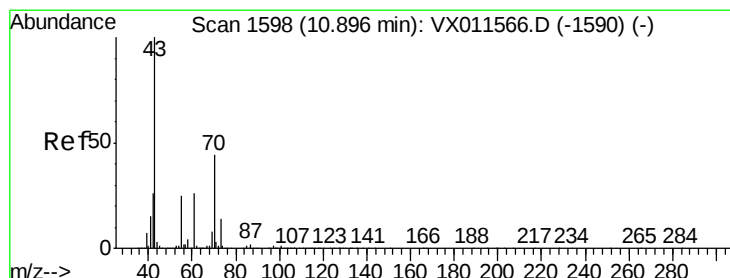
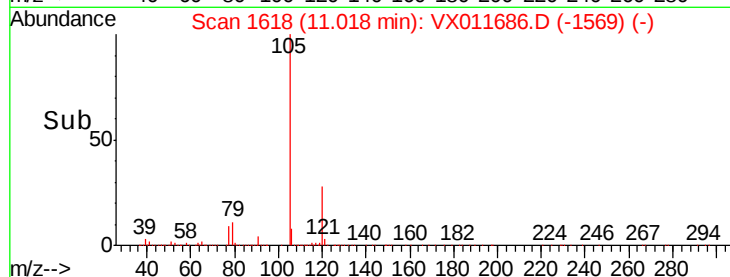
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.935 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Tgt Ion: 43 Resp: 111661

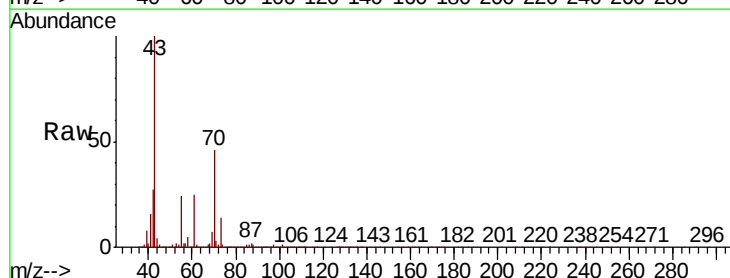
Ion Ratio Lower Upper

43 100

70 43.5 34.7 52.1

55 25.4 19.6 29.4

61 24.3 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

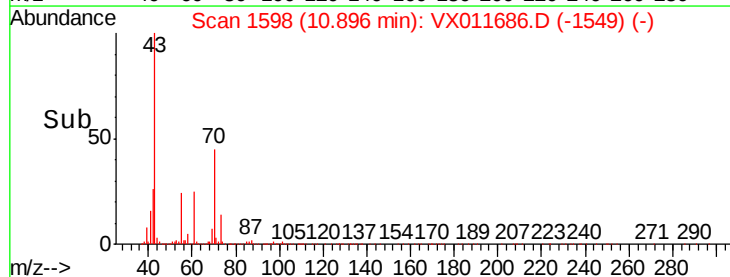
10.90

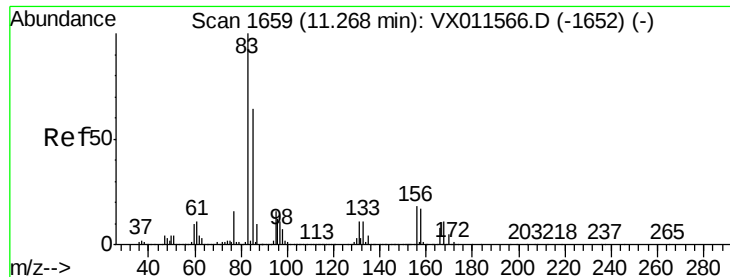
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.586 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

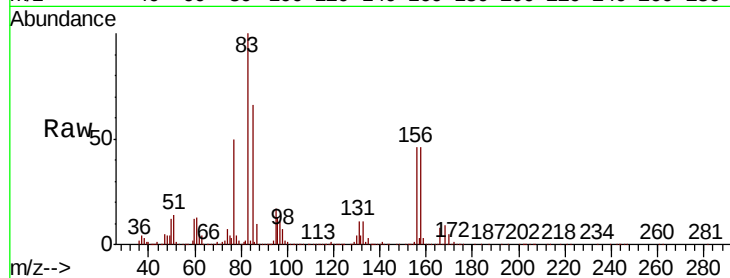
Tgt Ion: 83 Resp: 93495

Ion Ratio Lower Upper

83 100

131 12.6 5.8 17.3

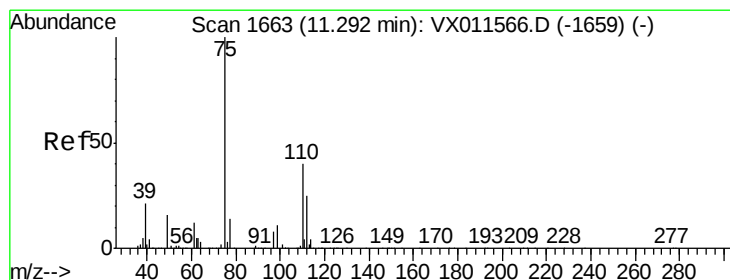
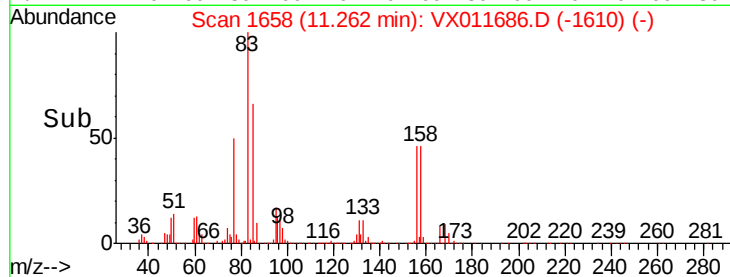
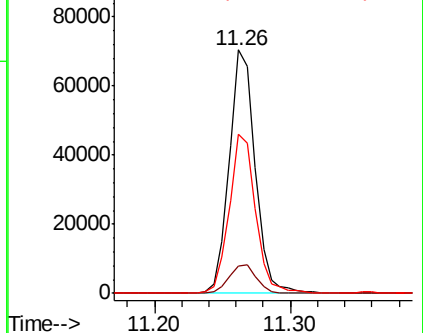
85 66.5 31.9 95.9



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: 24.712 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011686.D

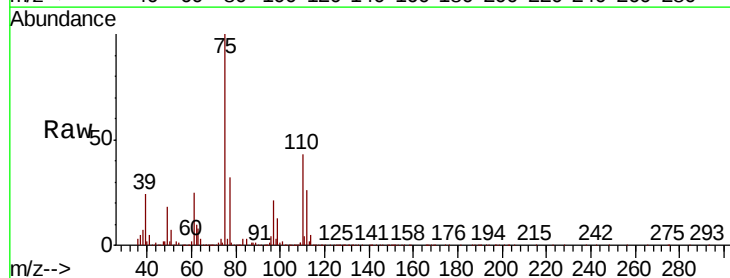
Acq: 20 Aug 2019 15:48

Tgt Ion: 75 Resp: 100212

Ion Ratio Lower Upper

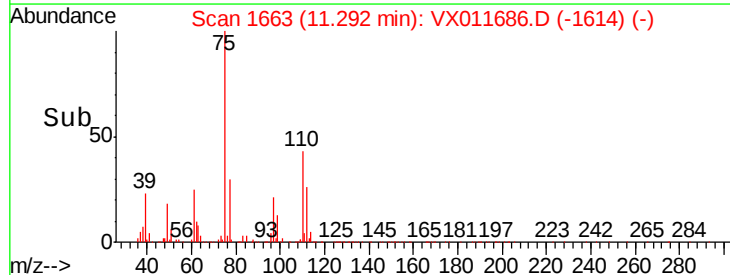
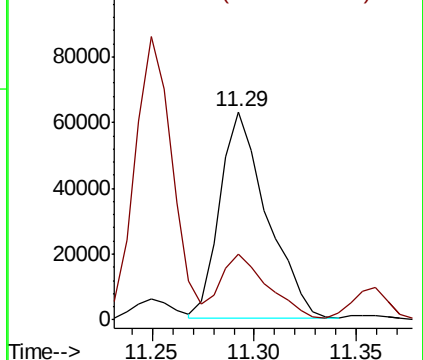
75 100

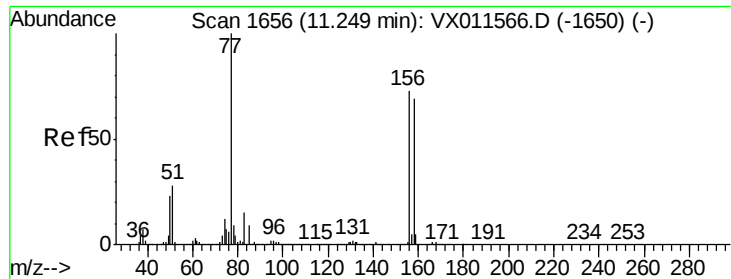
77 32.6 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.763 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

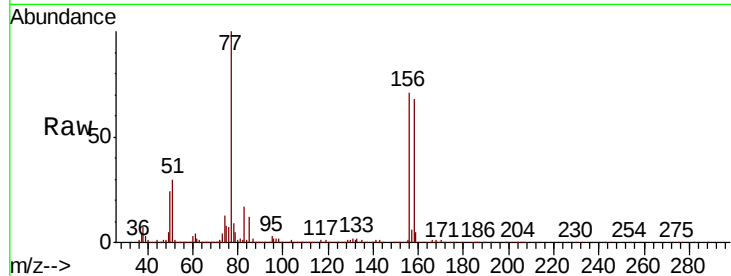
Tgt Ion:156 Resp: 81593

Ion Ratio Lower Upper

156 100

77 134.1 64.6 193.9

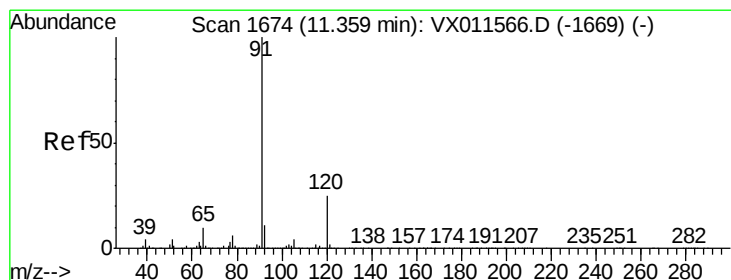
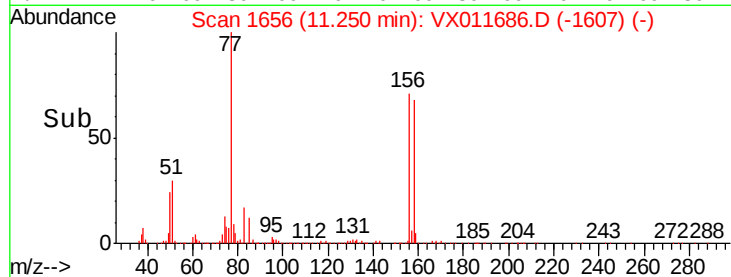
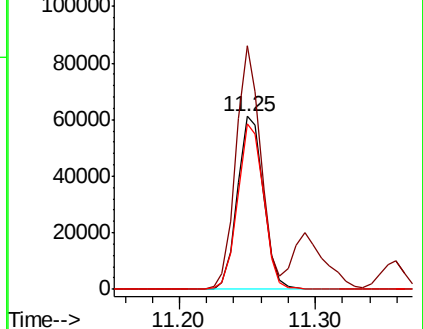
158 95.0 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.622 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011686.D

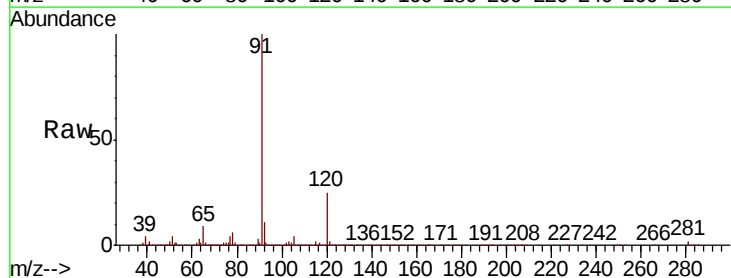
Acq: 20 Aug 2019 15:48

Tgt Ion: 91 Resp: 308572

Ion Ratio Lower Upper

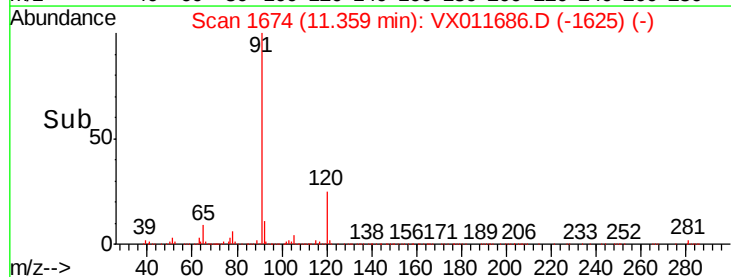
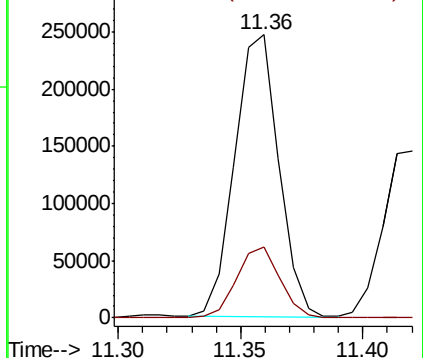
91 100

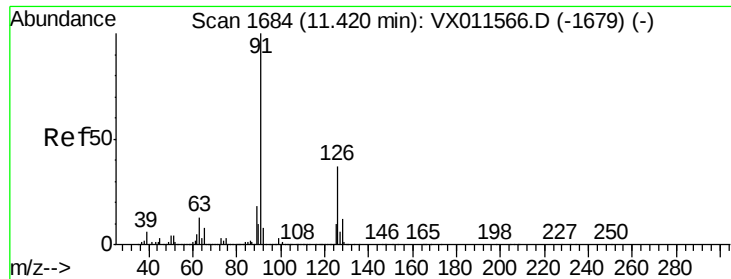
120 24.7 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.679 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

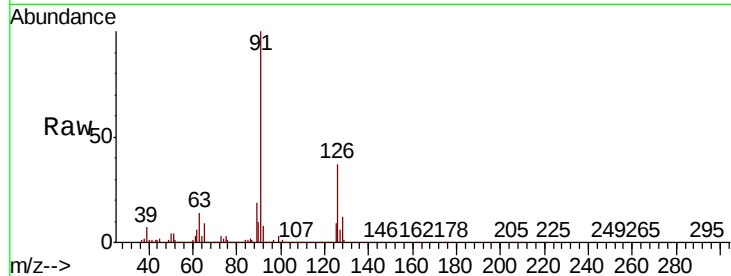
VX0820WBSD01

Tgt Ion: 91 Resp: 190001

Ion Ratio Lower Upper

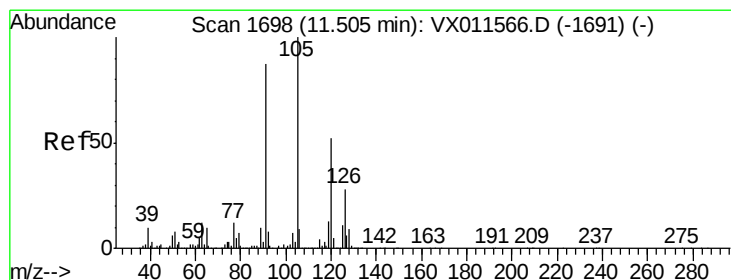
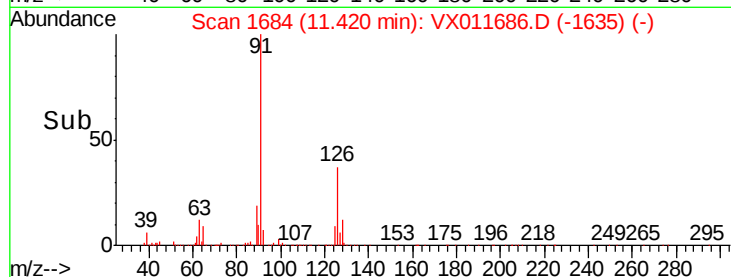
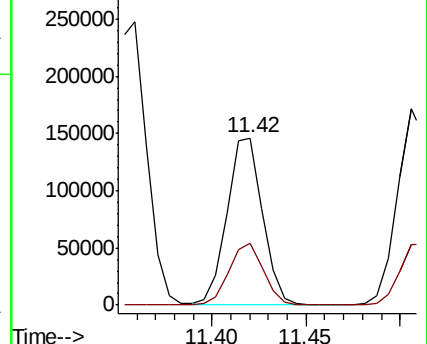
91 100

126 36.5 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.593 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011686.D

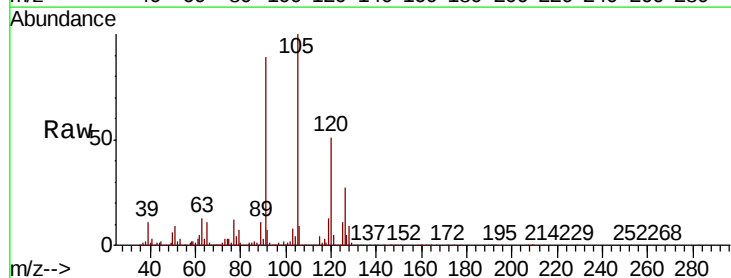
Acq: 20 Aug 2019 15:48

Tgt Ion: 105 Resp: 240045

Ion Ratio Lower Upper

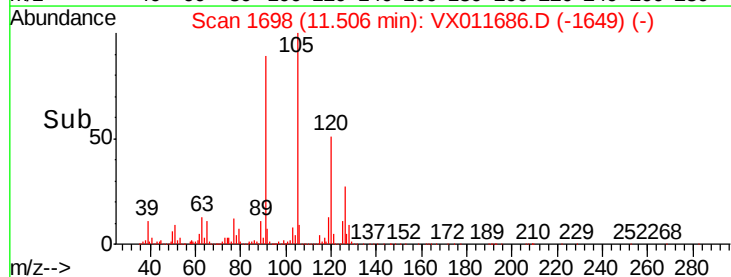
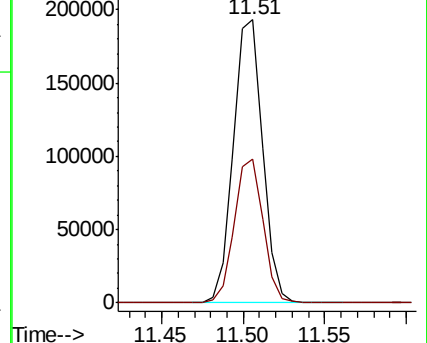
105 100

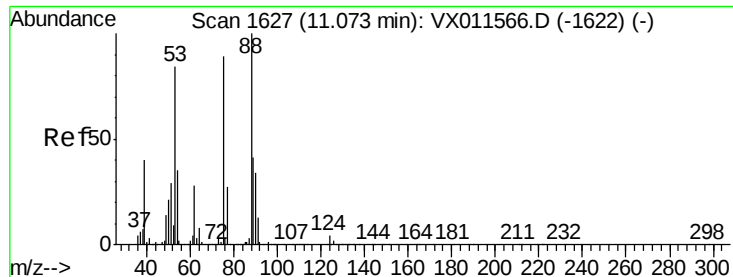
120 50.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

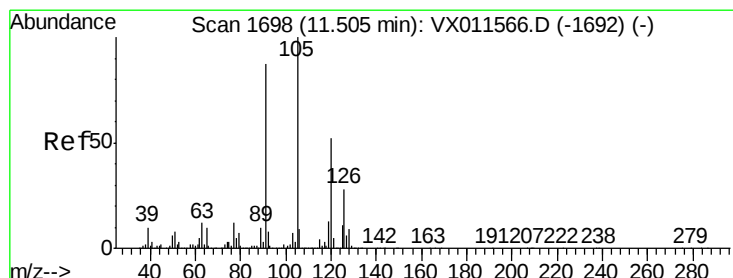
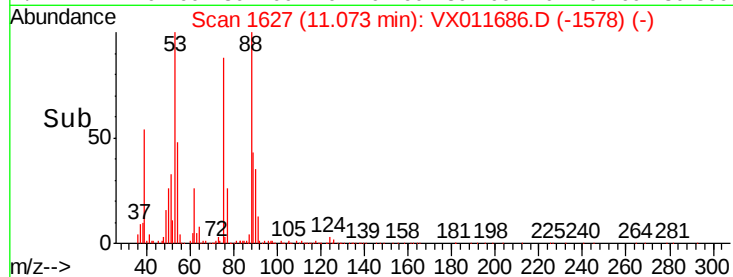
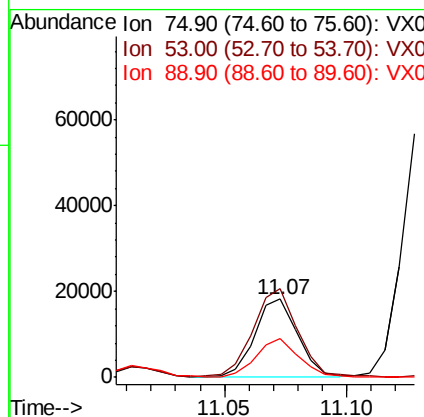
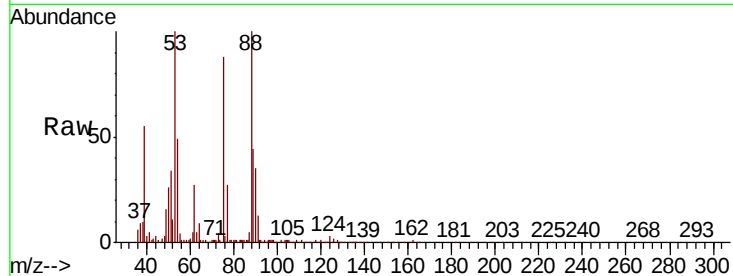




#81
trans-1,4-Dichloro-2-butene
Concen: 17.748 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

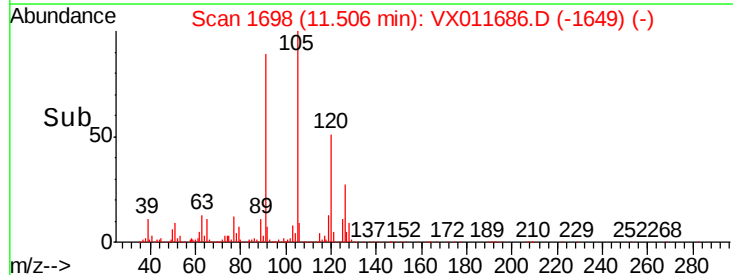
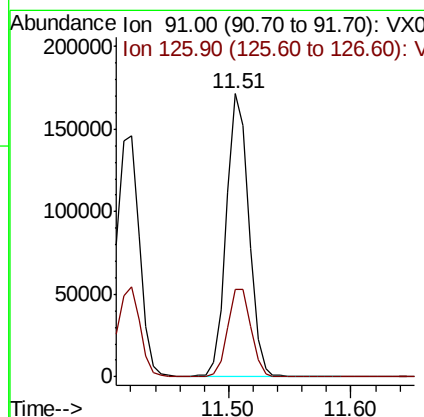
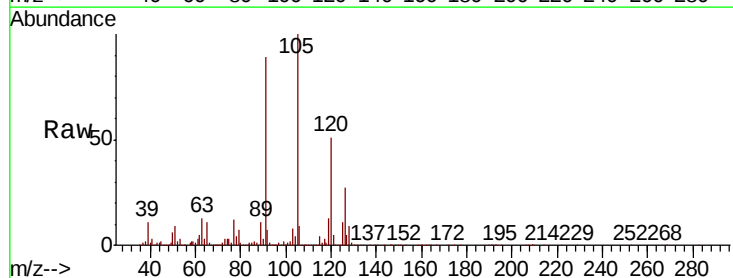
Instrument :
MSVOA_X
ClientSampled :
VX0820WBSD01

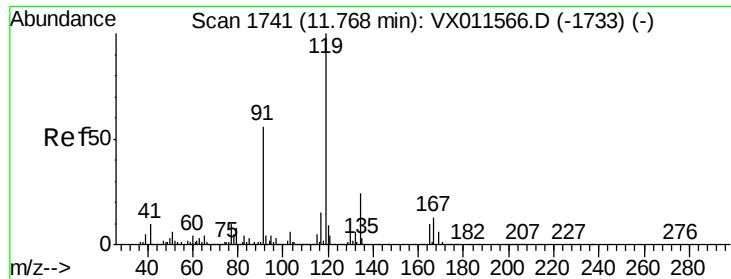
Tgt Ion: 75 Resp: 21810
Ion Ratio Lower Upper
75 100
53 120.6 77.4 116.0#
89 50.7 37.3 55.9



#82
4-Chlorotoluene
Concen: 20.385 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

Tgt Ion: 91 Resp: 217296
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.1





#83

tert-Butylbenzene

Concen: 20.575 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

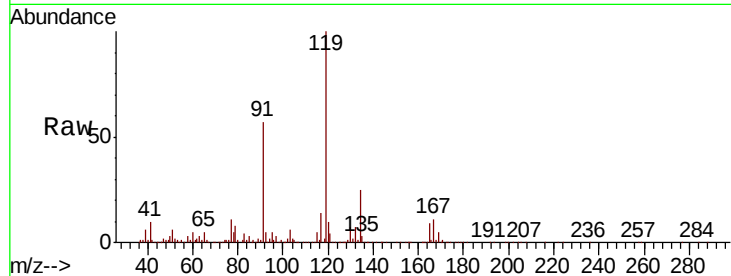
Tgt Ion:119 Resp: 244272

Ion Ratio Lower Upper

119 100

91 55.5 27.1 81.3

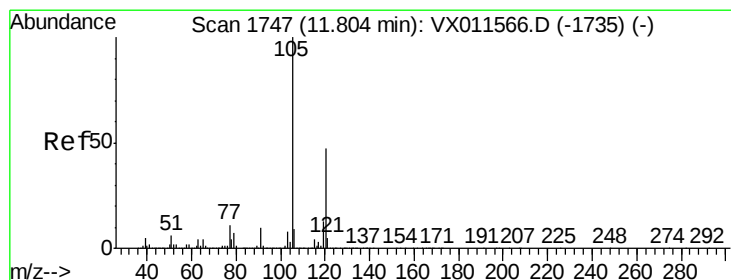
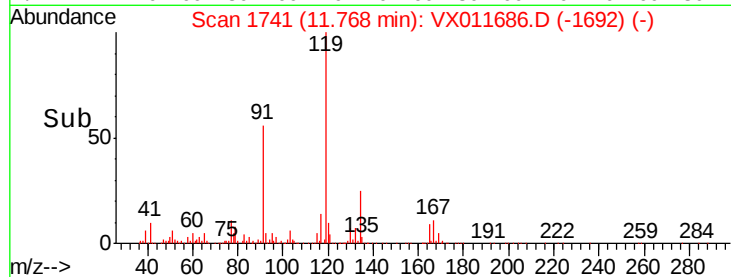
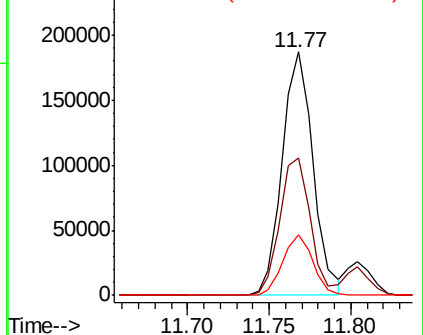
134 24.1 11.8 35.3



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: 21.041 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011686.D

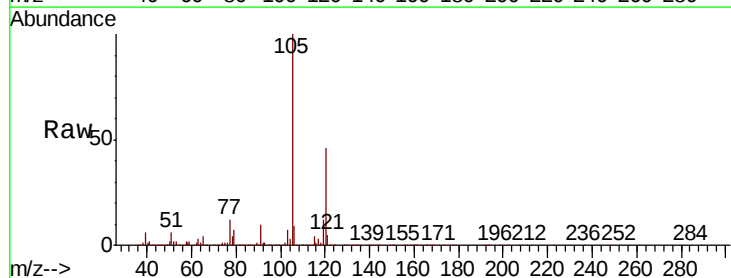
Acq: 20 Aug 2019 15:48

Tgt Ion:105 Resp: 246235

Ion Ratio Lower Upper

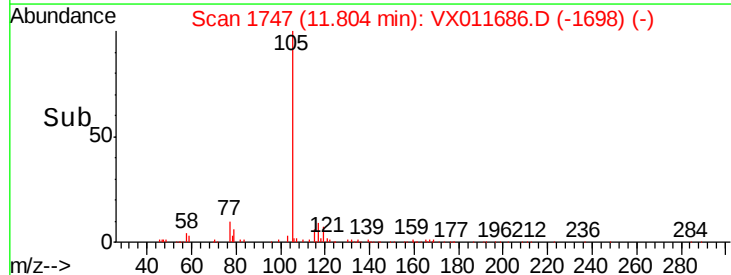
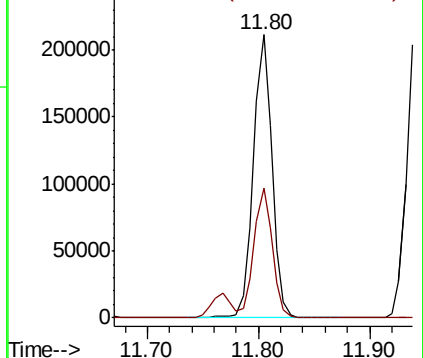
105 100

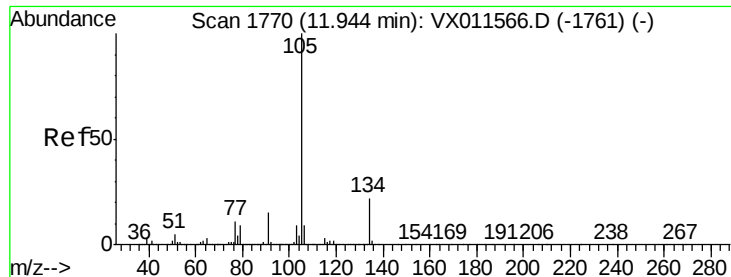
120 45.4 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.353 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

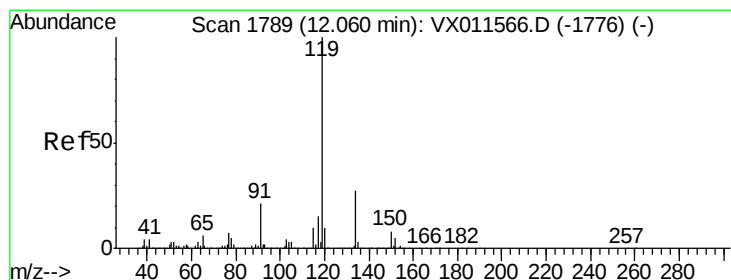
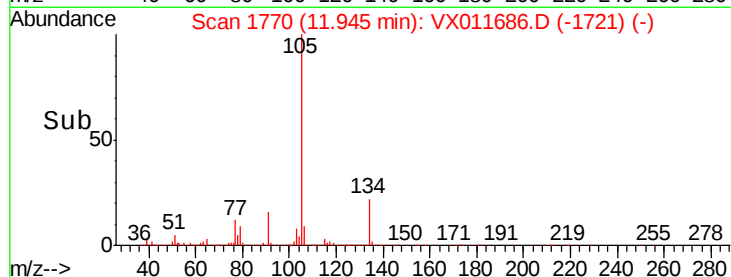
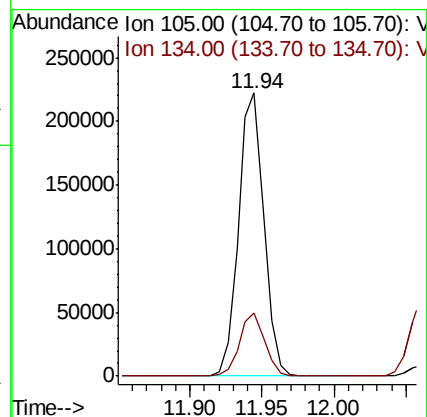
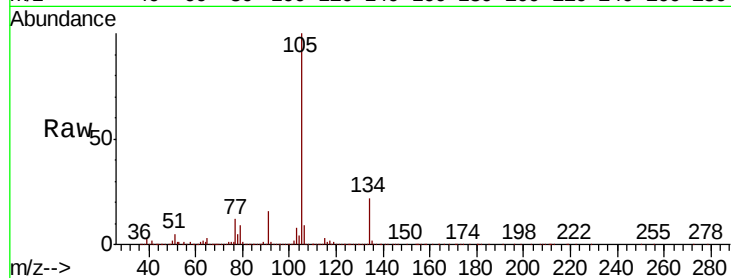
VX0820WBSD01

Tgt Ion:105 Resp: 272621

Ion Ratio Lower Upper

105 100

134 22.0 10.8 32.4



#86

p-Isopropyltoluene

Concen: 20.315 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

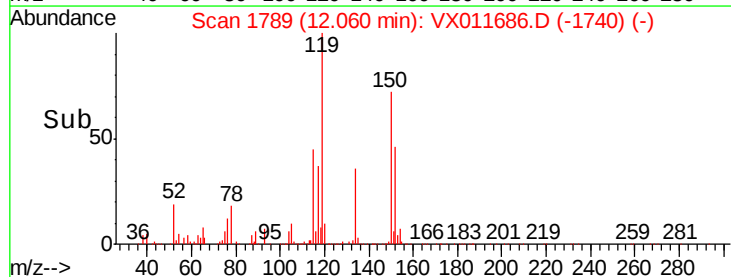
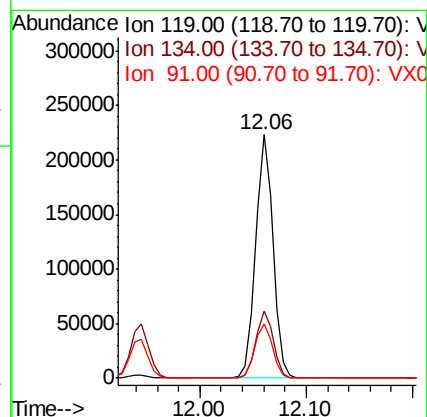
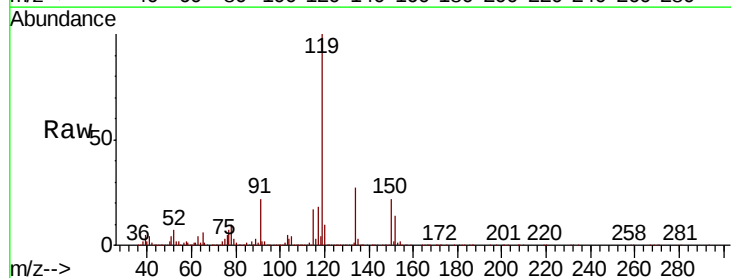
Tgt Ion:119 Resp: 256001

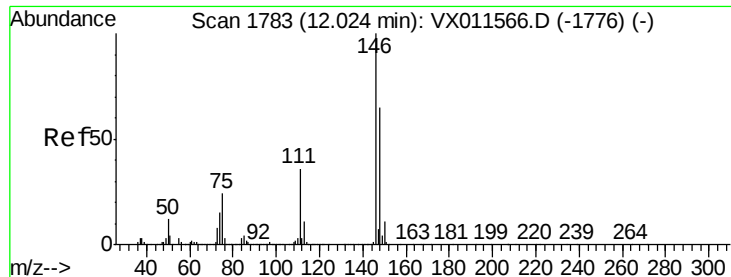
Ion Ratio Lower Upper

119 100

134 27.8 13.6 40.8

91 23.0 10.9 32.9

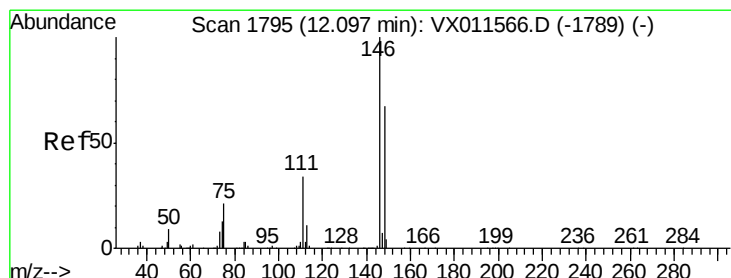
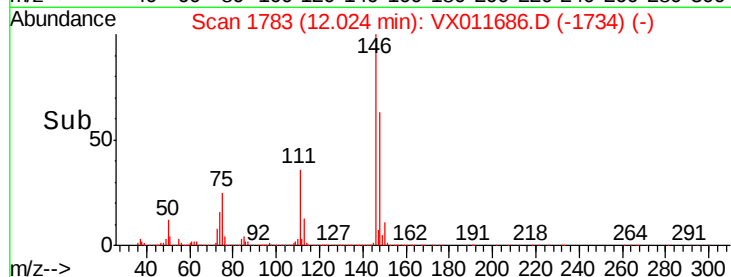
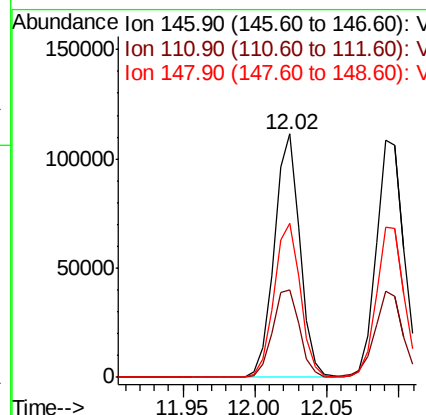
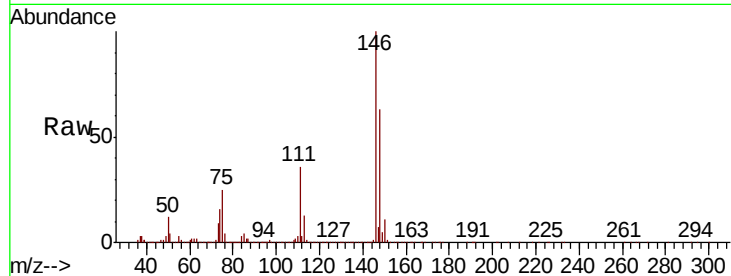




#87
 1,3-Dichlorobenzene
 Concen: 19.311 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

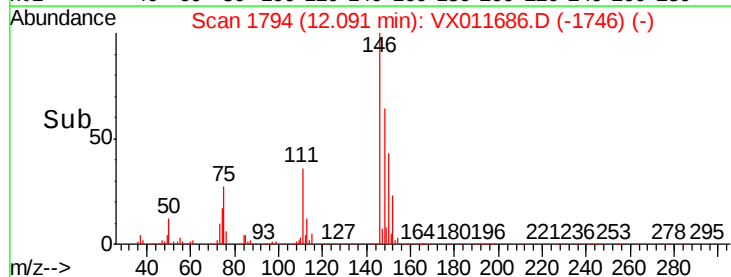
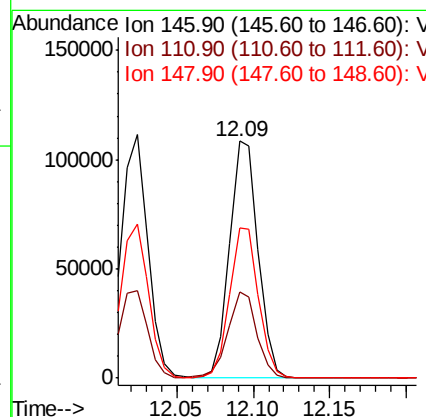
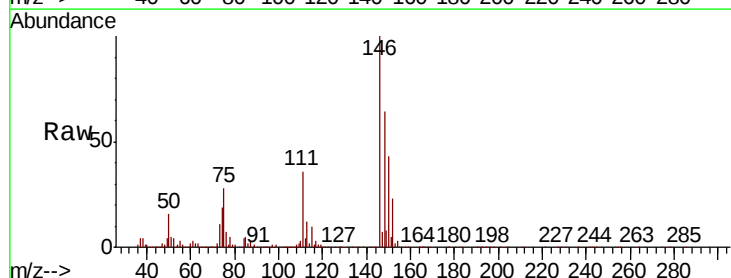
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

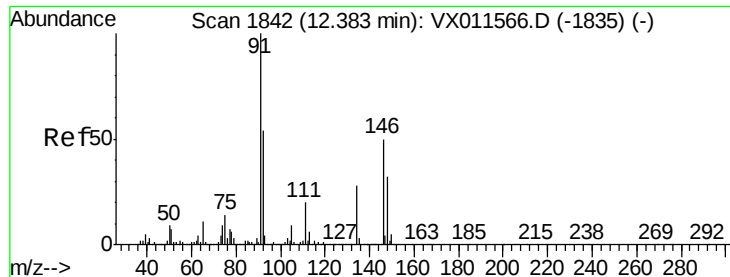
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.4
148	65.0	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.455 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	17.9	53.7
148	64.4	32.5	97.5

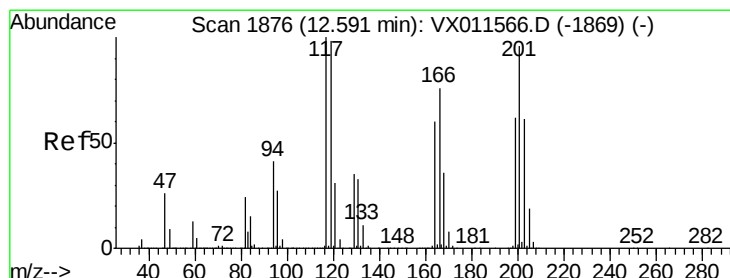
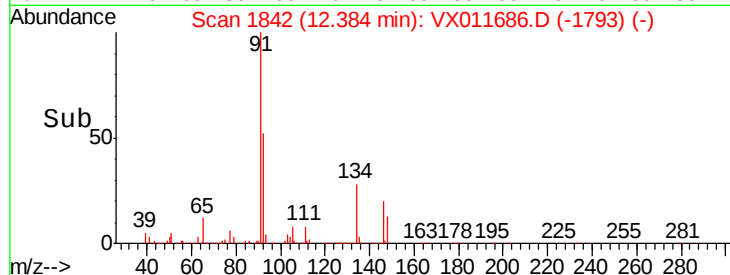
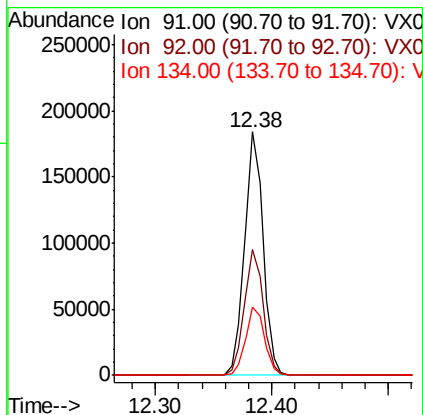
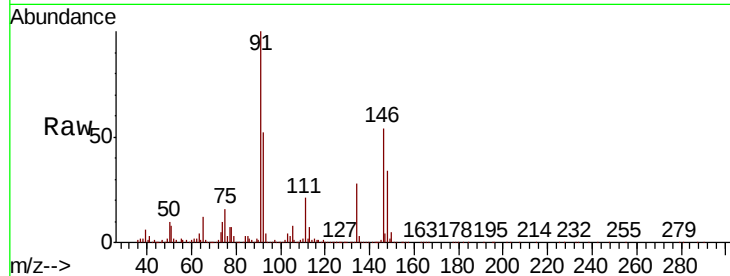




#89
n-Butylbenzene
Concen: 19.973 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

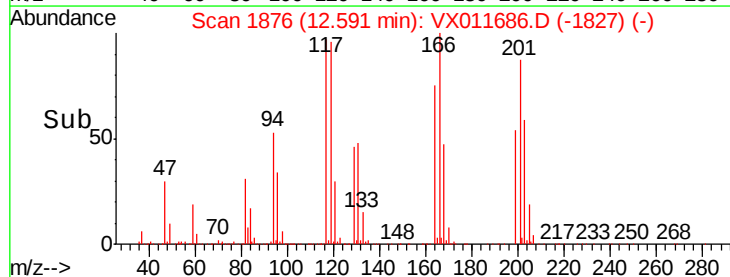
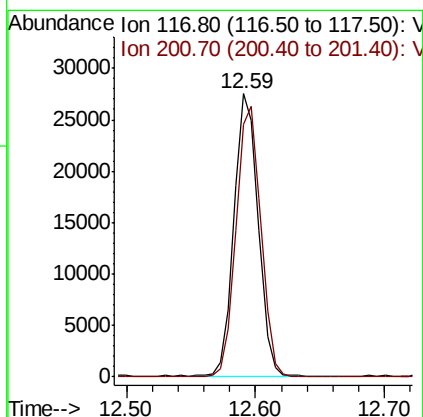
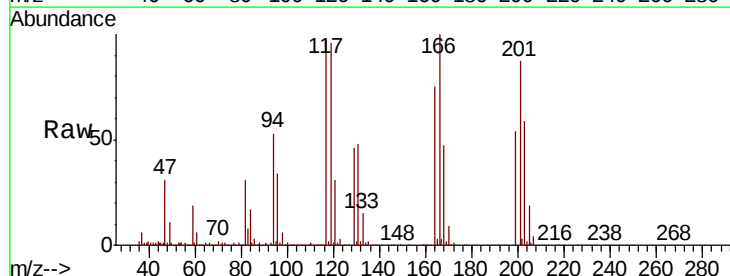
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

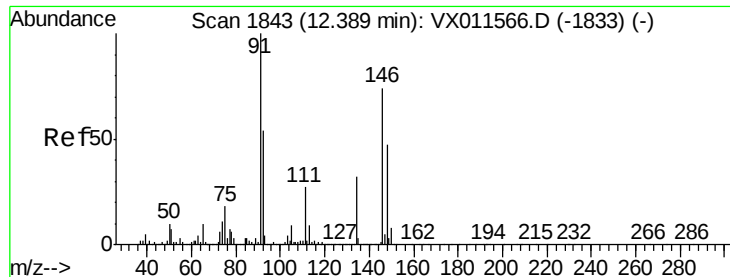
Tgt Ion: 91 Resp: 206926
Ion Ratio Lower Upper
91 100
92 52.5 26.8 80.3
134 28.5 14.6 44.0



#90
Hexachloroethane
Concen: 18.255 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

Tgt Ion: 117 Resp: 36327
Ion Ratio Lower Upper
117 100
201 97.1 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 19.638 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

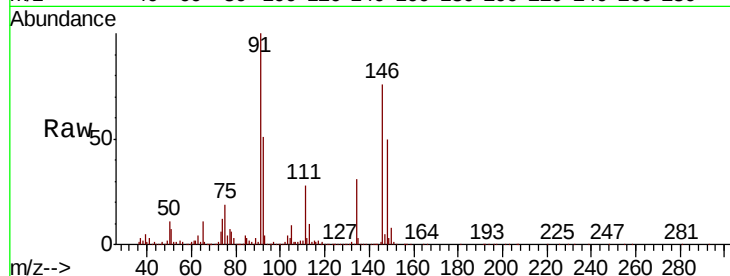
Tgt Ion:146 Resp: 139894

Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.7

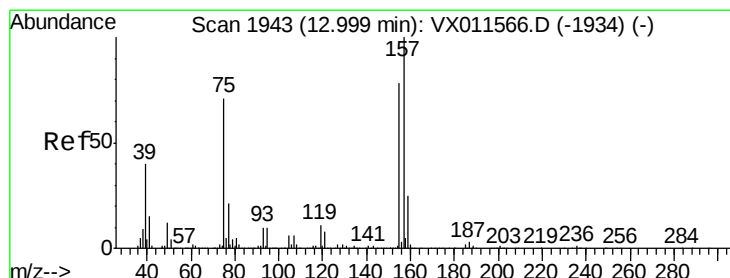
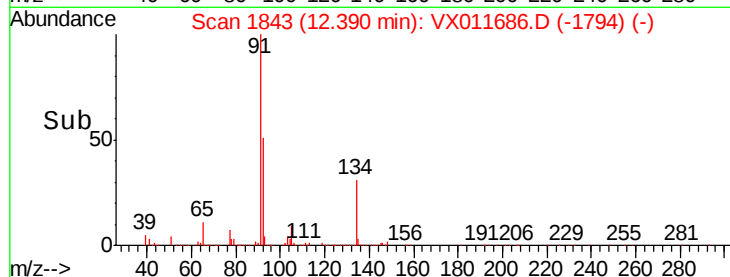
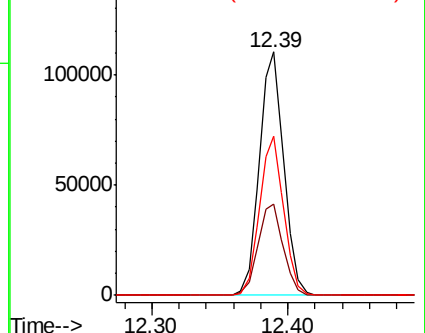
148 64.6 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.787 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011686.D

Acq: 20 Aug 2019 15:48

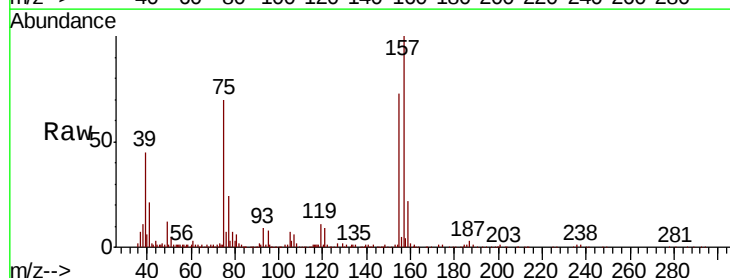
Tgt Ion: 75 Resp: 20517

Ion Ratio Lower Upper

75 100

155 98.2 53.0 159.0

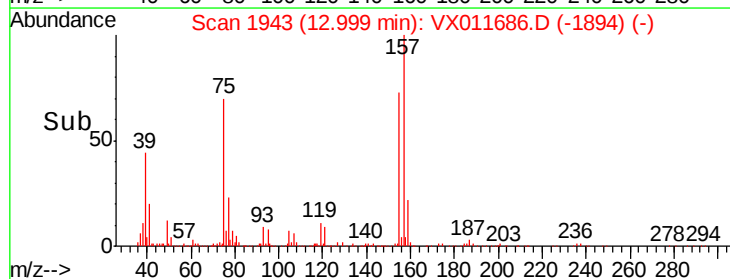
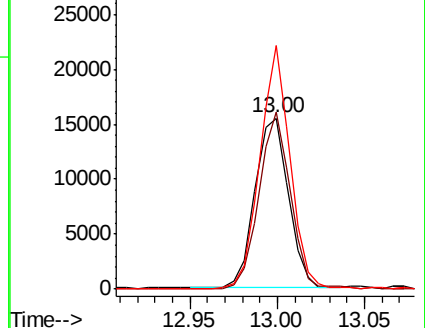
157 129.6 68.3 205.1

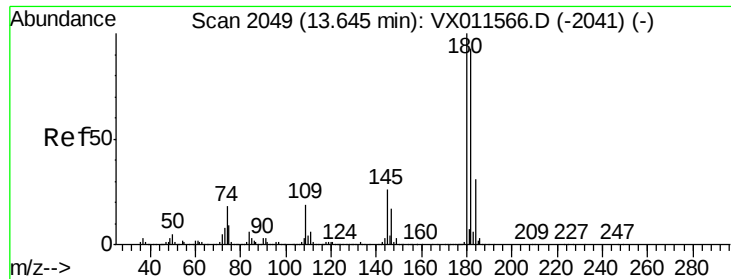


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

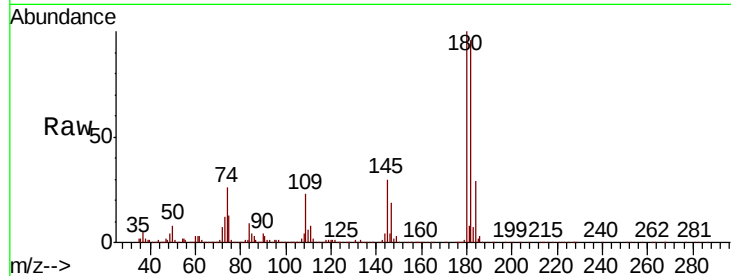




#93
 1,2,4-Trichlorobenzene
 Concen: 18.574 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	28.6	13.6	40.8

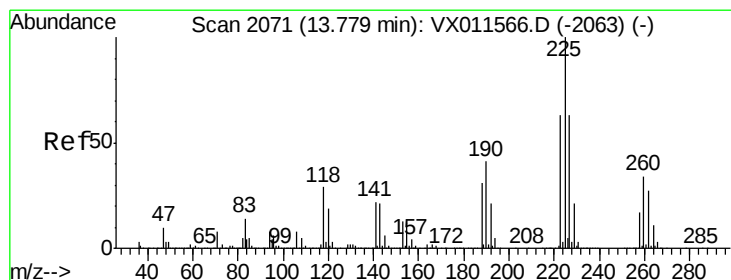
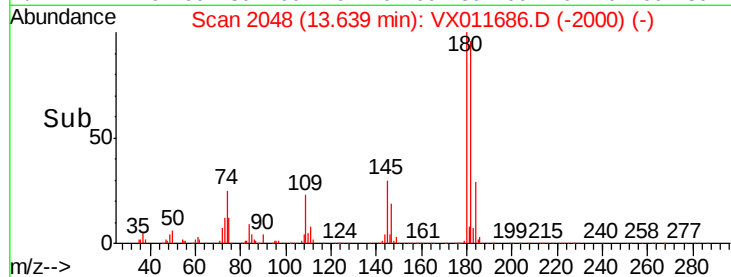
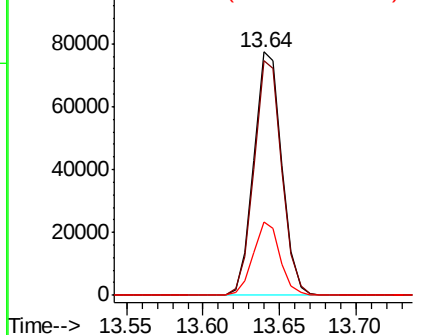


Abundance

Ion 179.80 (179.50 to 180.50): V

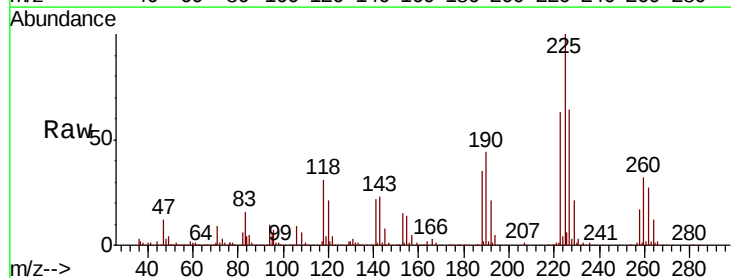
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.169 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011686.D
 Acq: 20 Aug 2019 15:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.4	94.0
227	64.1	31.2	93.6

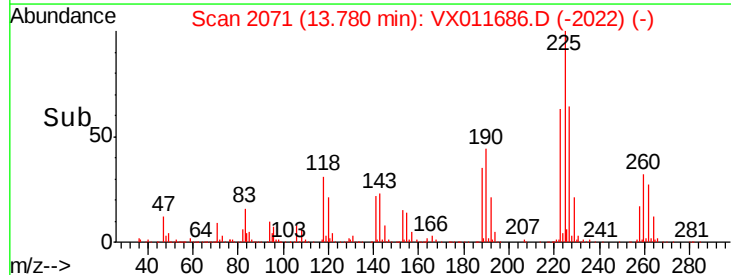
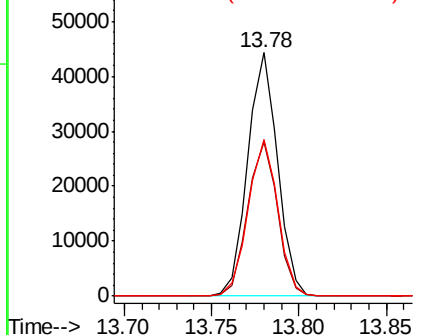


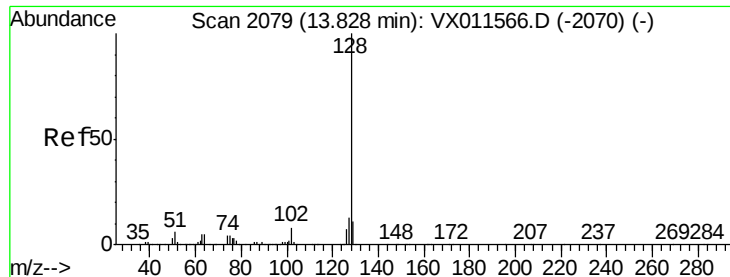
Abundance

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

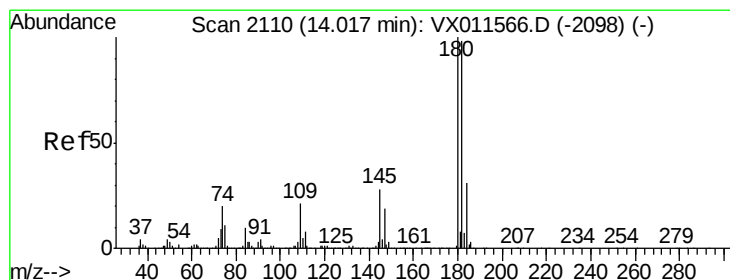
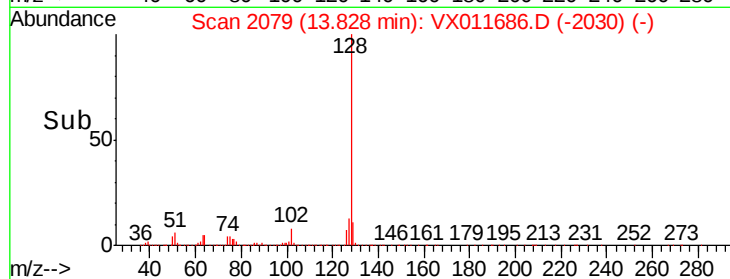
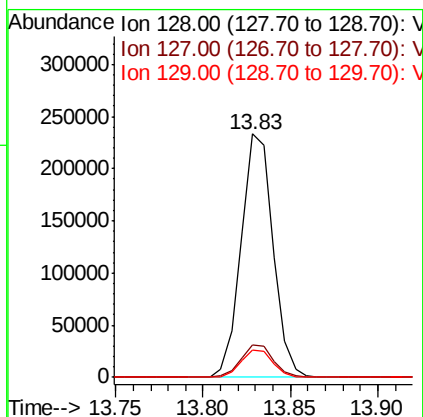
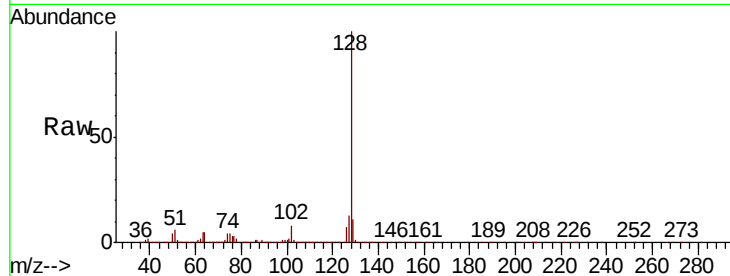




#95
Naphthalene
Concen: 19.713 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tgt Ion:128 Resp: 295804
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.390 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011686.D
Acq: 20 Aug 2019 15:48

Tgt Ion:180 Resp: 103807
Ion Ratio Lower Upper
180 100
182 95.3 48.0 144.0
145 29.9 14.6 43.8

