

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
 Data File : VX011681.D
 Acq On : 20 Aug 2019 13:51
 Operator : JC/SP
 Sample : VX0820WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

Quant Time: Aug 20 23:21:56 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	354145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	485358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	441750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	237643	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	154629	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	5.49	113	140391	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	
50) Toluene-d8	8.71	98	467184	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
62) 4-Bromofluorobenzene	11.13	95	192646	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	76610	22.008	ug/l	99
3) Chloromethane	1.32	50	64316	17.789	ug/l	98
4) Vinyl Chloride	1.40	62	62804	19.229	ug/l	100
5) Bromomethane	1.63	94	41699	28.494	ug/l	100
6) Chloroethane	1.71	64	35356	22.873	ug/l	99
7) Trichlorofluoromethane	1.92	101	97251	21.498	ug/l	99
8) Diethyl Ether	2.18	74	33424	21.539	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	61104	19.556	ug/l	98
10) Methyl Iodide	2.50	142	72621	16.315	ug/l	99
11) Tert butyl alcohol	3.04	59	76731	95.233	ug/l	99
12) 1,1-Dichloroethene	2.37	96	58314	19.312	ug/l	95
13) Acrolein	2.29	56	29325	124.705	ug/l	97
14) Allyl chloride	2.72	41	93594	18.633	ug/l	97
15) Acrylonitrile	3.14	53	185289	100.480	ug/l	100
16) Acetone	2.43	43	157706	95.500	ug/l	98
17) Carbon Disulfide	2.56	76	116313	16.347	ug/l	99
18) Methyl Acetate	2.76	43	105962	20.690	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	208967	21.248	ug/l	99
20) Methylene Chloride	2.85	84	68693	19.812	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	62924	19.664	ug/l	98
22) Diisopropyl ether	3.85	45	208124	20.805	ug/l	99
23) Vinyl Acetate	3.81	43	794326	100.274	ug/l	100
24) 1,1-Dichloroethane	3.69	63	114961	20.326	ug/l	97
25) 2-Butanone	4.67	43	251117	96.862	ug/l	99
26) 2,2-Dichloropropane	4.58	77	79477	18.670	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	76804	20.589	ug/l	97
28) Bromochloromethane	5.01	49	44987	18.119	ug/l	99
29) Tetrahydrofuran	5.12	42	164857	96.940	ug/l	98
30) Chloroform	5.21	83	121516	20.358	ug/l	99
31) Cyclohexane	5.57	56	99035	20.337	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	103551	20.176	ug/l	100
36) 1,1-Dichloropropene	5.80	75	85732	20.660	ug/l	99
37) Ethyl Acetate	4.82	43	93047	19.495	ug/l	99
38) Carbon Tetrachloride	5.77	117	86504	18.921	ug/l	99

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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)
39) Methylcyclohexane	7.46	83	98440	19.209	ug/l	98
40) Benzene	6.13	78	264996	20.549	ug/l	100
41) Methacrylonitrile	5.03	41	55206	21.016	ug/l	99
42) 1,2-Dichloroethane	6.18	62	94462	21.142	ug/l	98
43) Isopropyl Acetate	6.44	43	148032	19.873	ug/l	99
44) Trichloroethene	7.21	130	76627	20.030	ug/l	94
45) 1,2-Dichloropropane	7.51	63	65503	20.367	ug/l	99
46) Dibromomethane	7.66	93	44344	18.974	ug/l	97
47) Bromodichloromethane	7.90	83	77190	17.988	ug/l	96
48) Methyl methacrylate	7.76	41	71189	19.299	ug/l	94
49) 1,4-Dioxane	7.74	88	35120	357.956	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	488304	100.153	ug/l	99
52) Toluene	8.78	92	170792	20.789	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	83311	18.707	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	92007	18.878	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	71825	20.558	ug/l	97
56) Ethyl methacrylate	9.18	69	103883	20.458	ug/l	99
57) 1,3-Dichloropropane	9.37	76	113153	20.375	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.30	63	249078	98.444	ug/l	99
59) 2-Hexanone	9.49	43	376568	100.156	ug/l	99
60) Dibromochloromethane	9.58	129	65113	17.888	ug/l	97
61) 1,2-Dibromoethane	9.67	107	75495	20.247	ug/l	100
64) Tetrachloroethene	9.34	164	77367	21.346	ug/l	98
65) Chlorobenzene	10.13	112	192294	20.409	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	69644	19.776	ug/l	98
67) Ethyl Benzene	10.25	91	327250	20.811	ug/l	100
68) m/p-Xylenes	10.35	106	253721	42.035	ug/l	97
69) o-Xylene	10.69	106	122693	20.752	ug/l	99
70) Styrene	10.71	104	205866	20.684	ug/l	99
71) Bromoform	10.85	173	48499	16.530	ug/l #	100
73) Isopropylbenzene	11.02	105	333179	21.606	ug/l	100
74) N-amyl acetate	10.90	43	127999	19.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	105762	19.938	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	115133	25.550	ug/l	84
77) Bromobenzene	11.25	156	95789	20.879	ug/l	100
78) n-propylbenzene	11.36	91	360235	21.665	ug/l	100
79) 2-Chlorotoluene	11.42	91	218799	21.429	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	282256	21.790	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24598	17.946	ug/l	88
82) 4-Chlorotoluene	11.51	91	252710	21.334	ug/l	100
83) tert-Butylbenzene	11.77	119	282079	21.381	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	283371	21.790	ug/l	100
85) sec-Butylbenzene	11.94	105	323095	21.706	ug/l	100
86) p-Isopropyltoluene	12.06	119	306482	21.887	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	164874	20.908	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	164009	20.520	ug/l	99
89) n-Butylbenzene	12.38	91	246248	21.390	ug/l	99
90) Hexachloroethane	12.59	117	39989	18.084	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	166956	21.091	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21296	17.548	ug/l	95

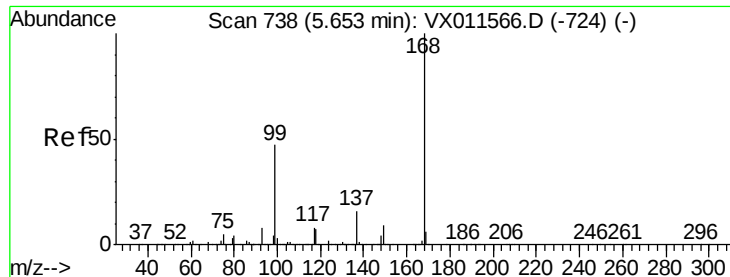
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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	116863	19.813	ug/l	98
94) Hexachlorobutadiene	13.78	225	61220	19.062	ug/l	99
95) Naphthalene	13.83	128	358718	21.513	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115157	19.357	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: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

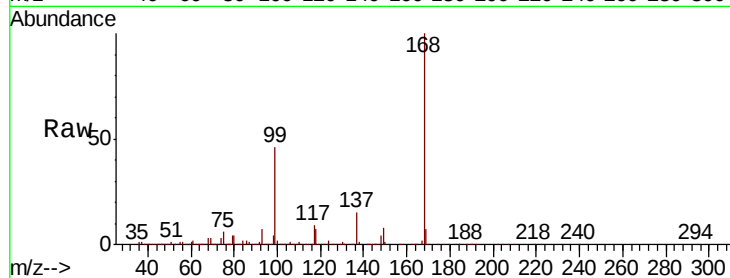
VX0820WBS01

Tgt Ion:168 Resp: 354145

Ion Ratio Lower Upper

168 100

99 46.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

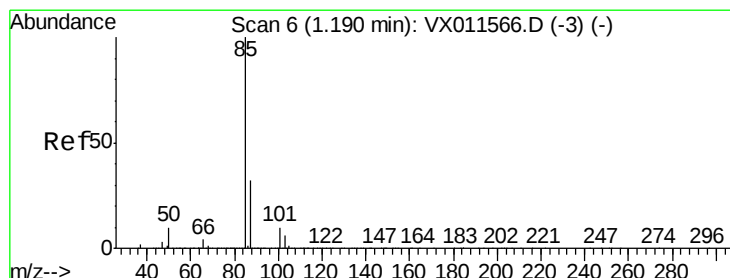
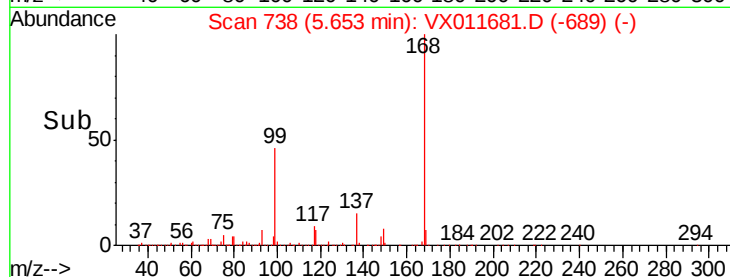
5.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.008 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011681.D

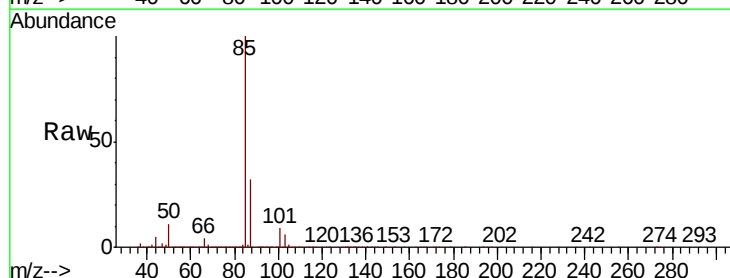
Acq: 20 Aug 2019 13:51

Tgt Ion: 85 Resp: 76610

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

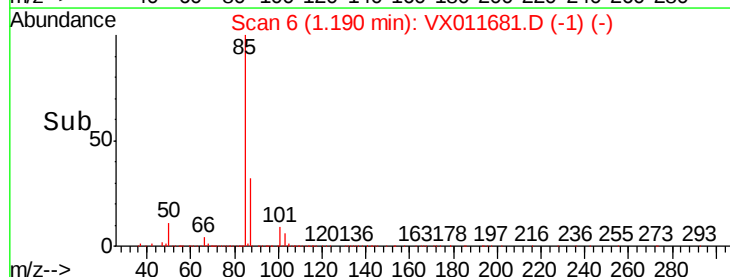
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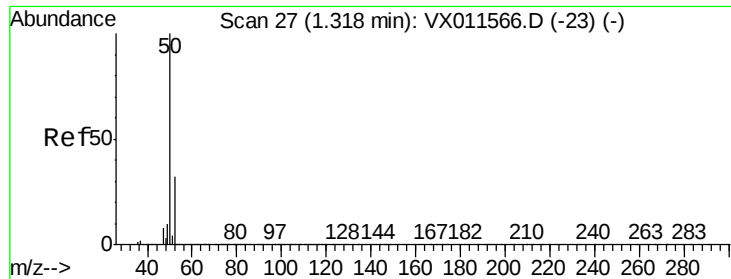
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20000

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Time-->





#3

Chloromethane

Concen: 17.789 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

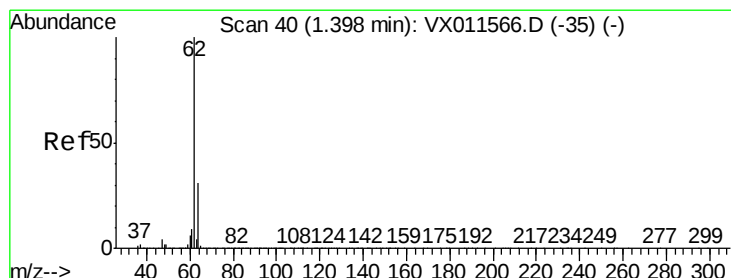
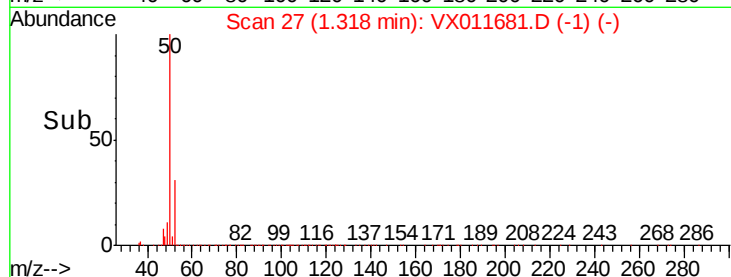
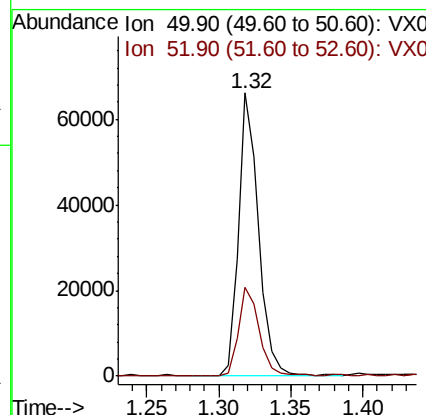
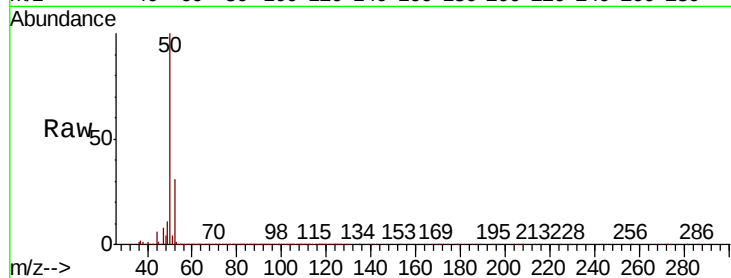
VX0820WBS01

Tgt Ion: 50 Resp: 64316

Ion Ratio Lower Upper

50 100

52 31.1 26.0 39.0



#4

Vinyl Chloride

Concen: 19.229 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011681.D

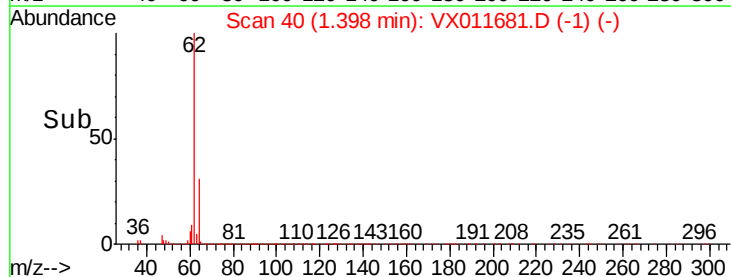
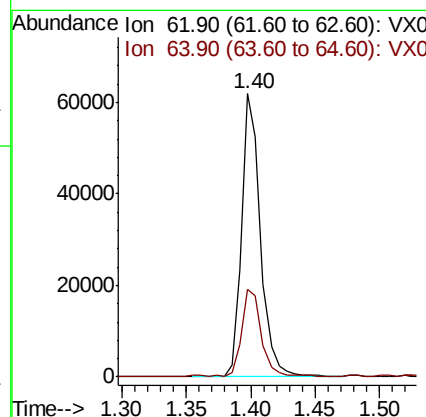
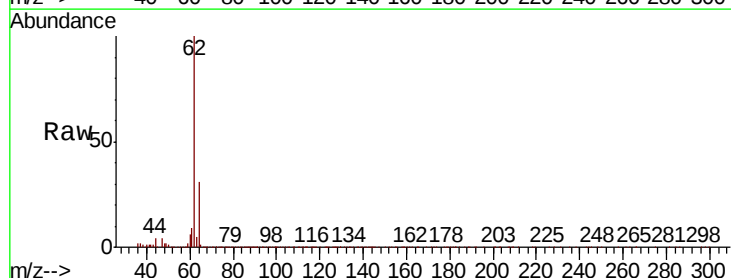
Acq: 20 Aug 2019 13:51

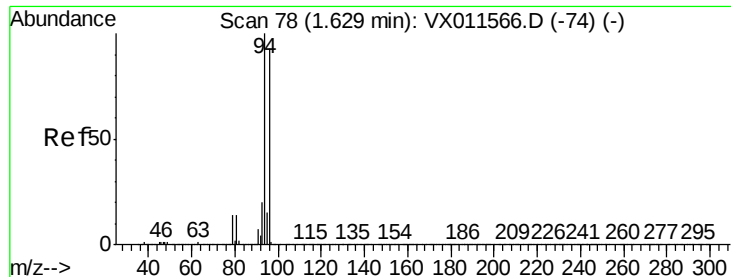
Tgt Ion: 62 Resp: 62804

Ion Ratio Lower Upper

62 100

64 31.0 25.0 37.4





#5

Bromomethane

Concen: 28.494 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

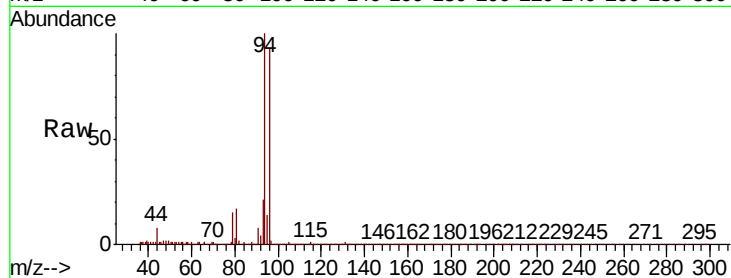
VX0820WBS01

Tgt Ion: 94 Resp: 41699

Ion Ratio Lower Upper

94 100

96 93.3 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

40000

30000

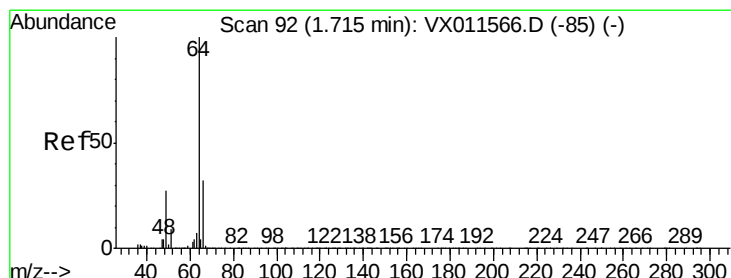
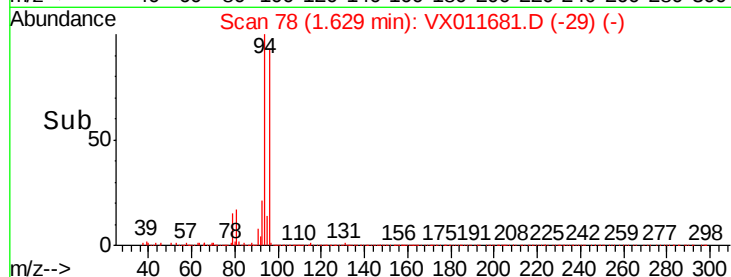
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10000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 22.873 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011681.D

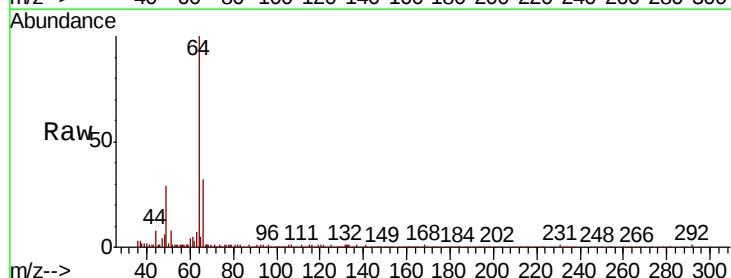
Acq: 20 Aug 2019 13:51

Tgt Ion: 64 Resp: 35356

Ion Ratio Lower Upper

64 100

66 32.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

25000

20000

15000

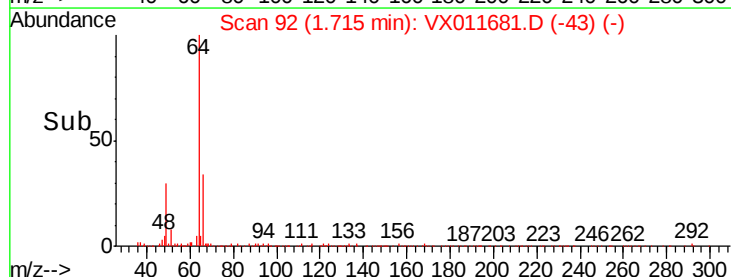
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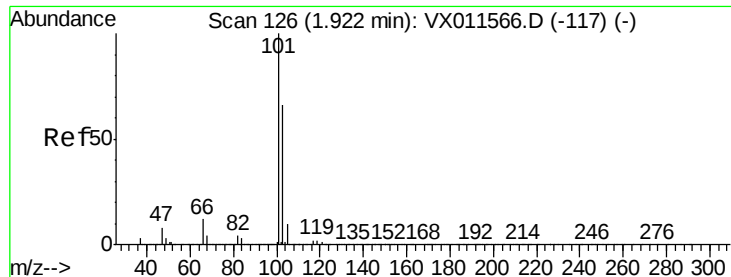
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Time-->

1.65 1.70 1.75 1.80



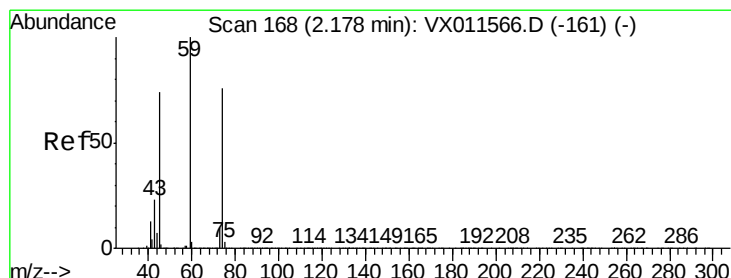
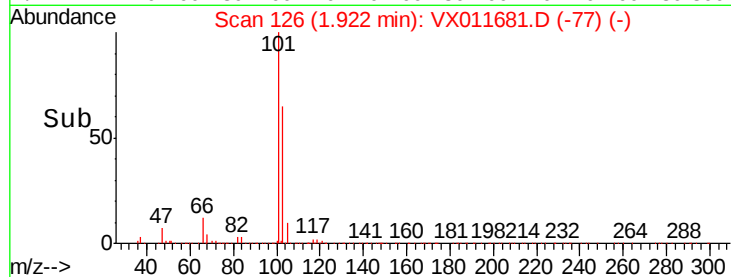
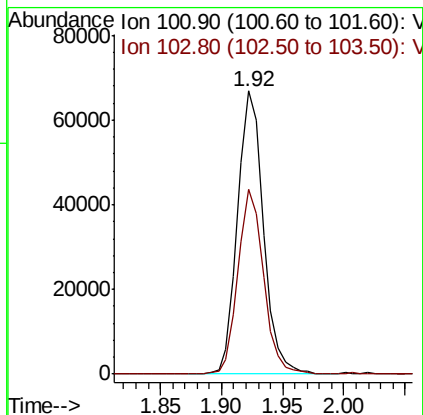
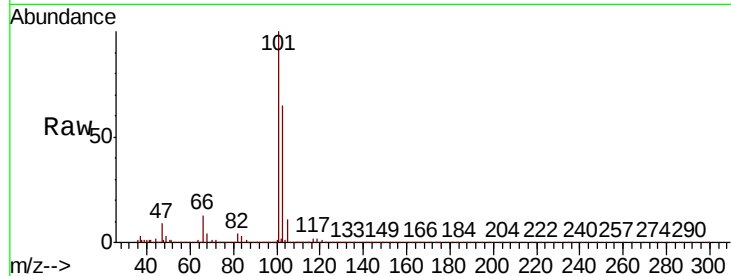


#7

Trichlorofluoromethane
 Concen: 21.498 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

Instrument :
 MSVOA_X
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 VX0820WBS01

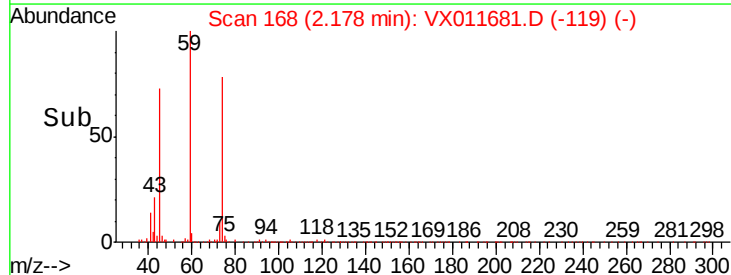
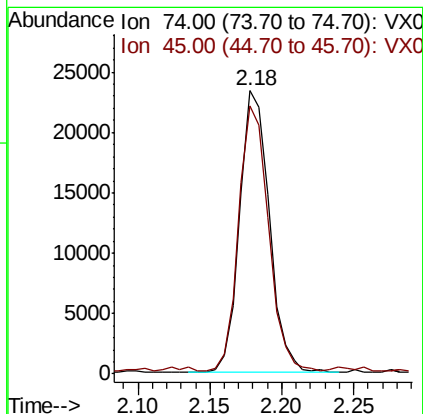
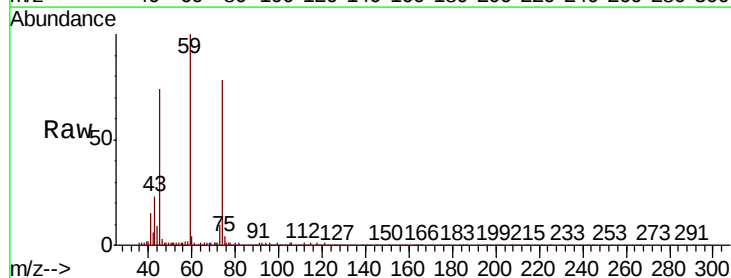
Tgt Ion:101 Resp: 97251
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.9 79.3

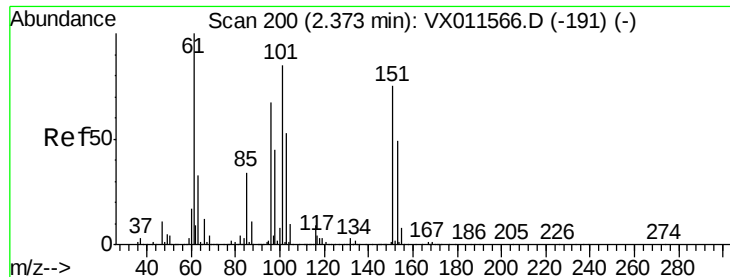


#8

Diethyl Ether
 Concen: 21.539 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

Tgt Ion: 74 Resp: 33424
 Ion Ratio Lower Upper
 74 100
 45 94.4 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.556 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

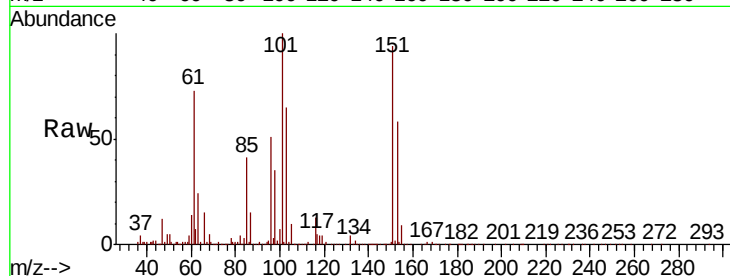
Tgt Ion:101 Resp: 61104

Ion Ratio Lower Upper

101 100

85 43.6 33.0 49.4

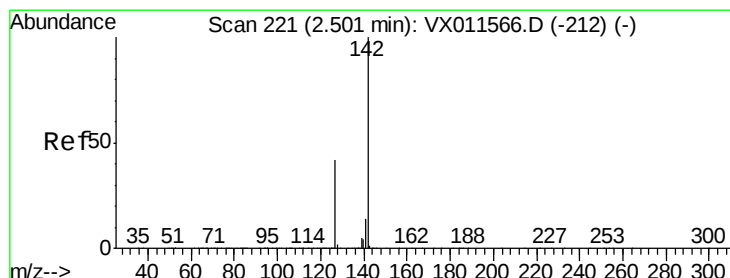
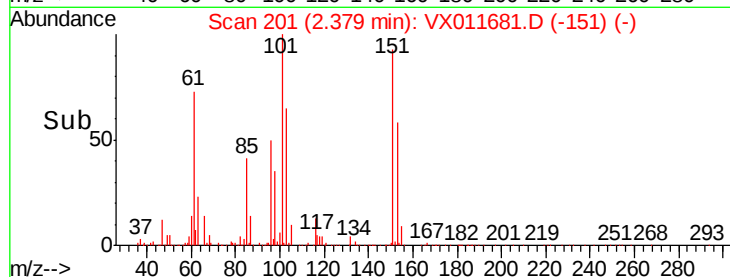
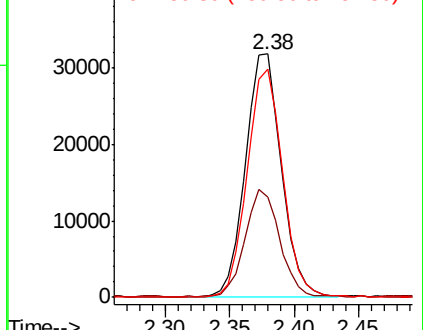
151 93.3 73.3 109.9



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: 16.315 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

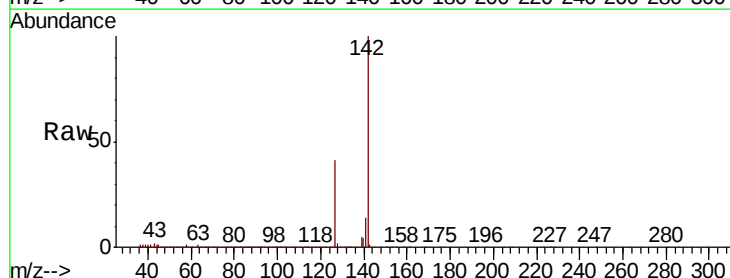
Tgt Ion:142 Resp: 72621

Ion Ratio Lower Upper

142 100

127 41.0 32.8 49.2

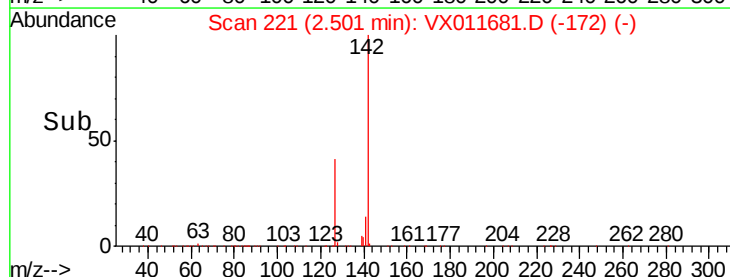
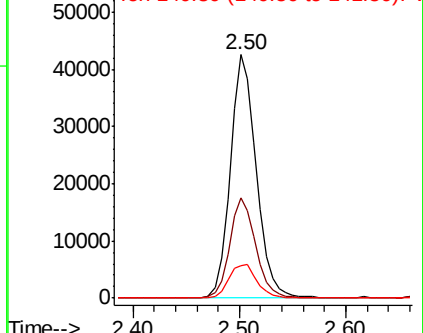
141 15.1 11.4 17.2

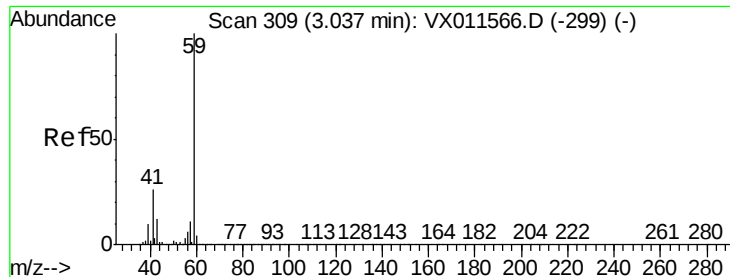


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



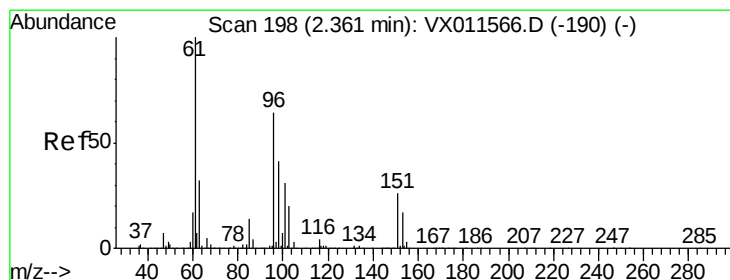
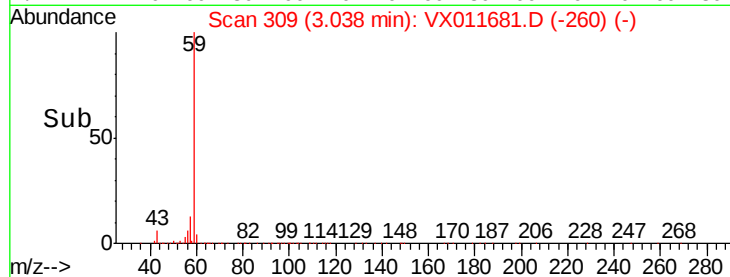
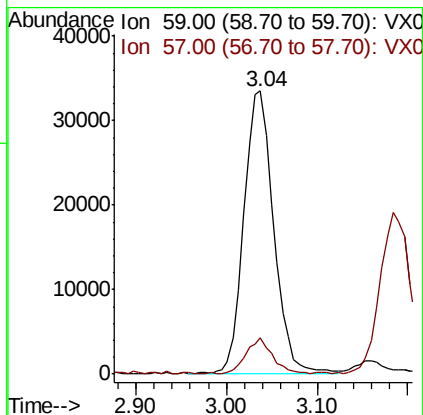
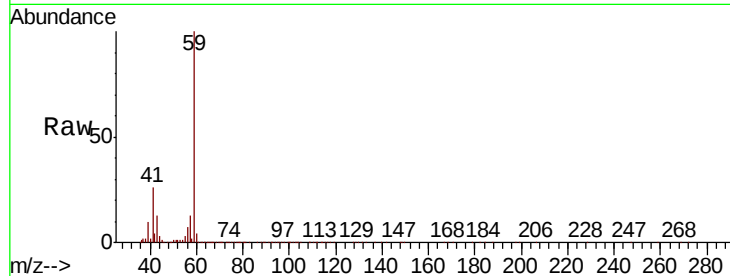


#11

Tert butyl alcohol
Concen: 95.233 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

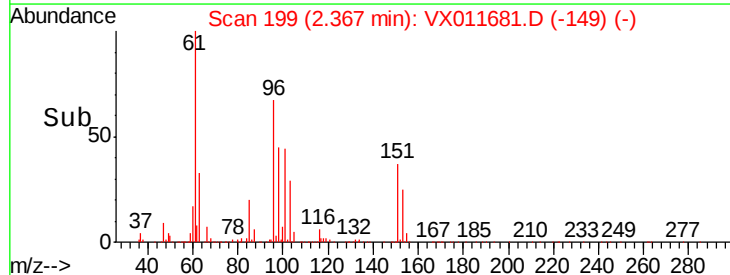
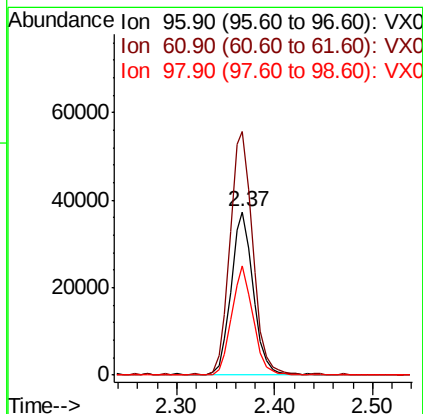
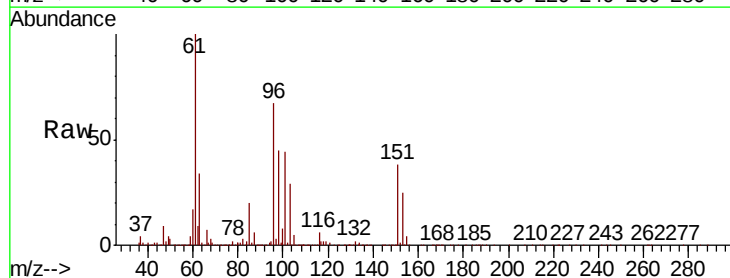
Tgt Ion: 59 Resp: 76731
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

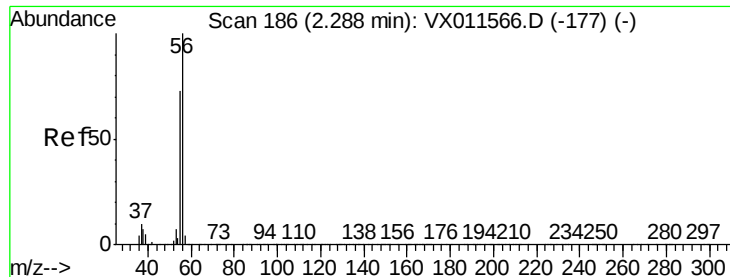


#12

1,1-Dichloroethene
Concen: 19.312 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Tgt Ion: 96 Resp: 58314
Ion Ratio Lower Upper
96 100
61 149.3 125.0 187.4
98 67.1 51.5 77.3

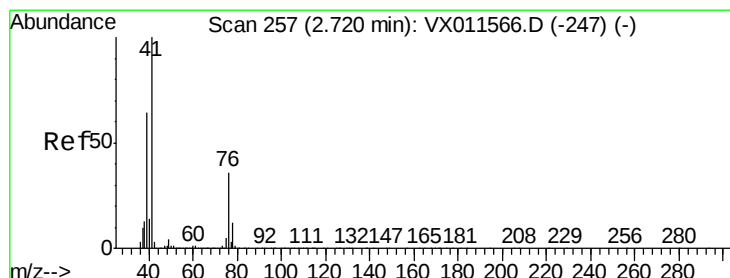
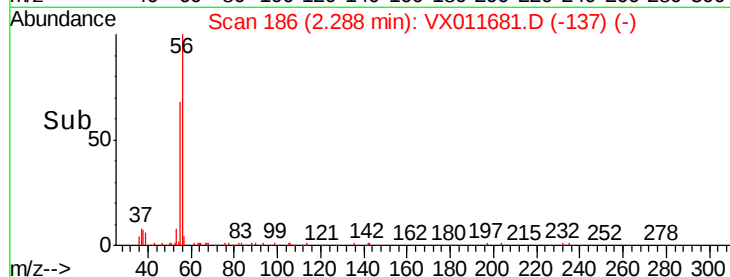
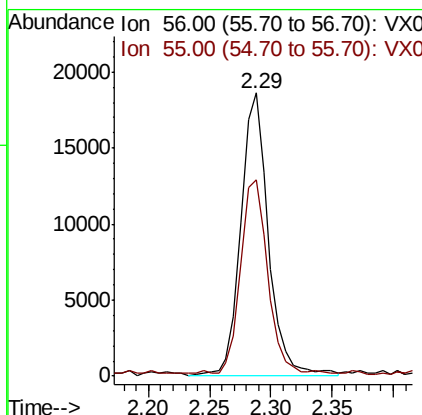
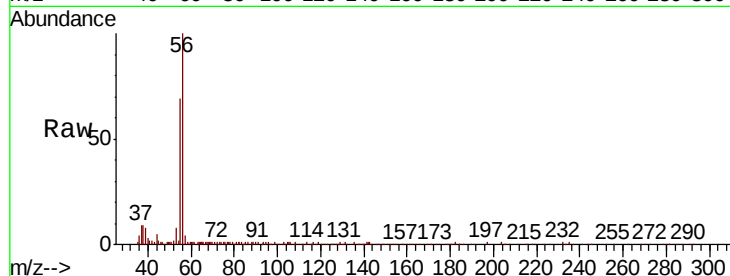




#13
Acrolein
Concen: 124.705 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

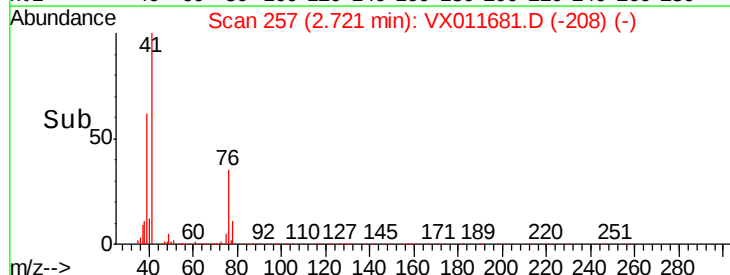
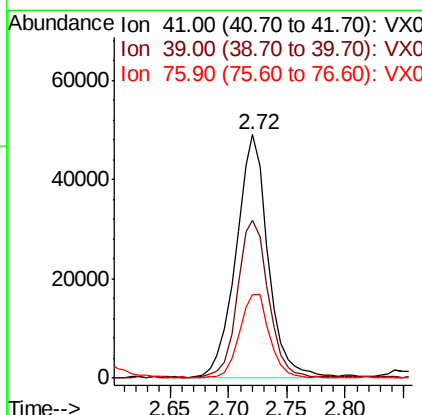
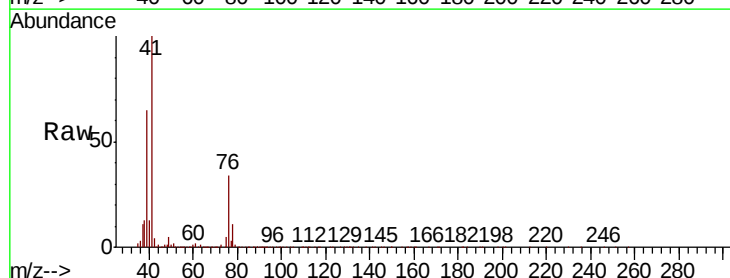
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

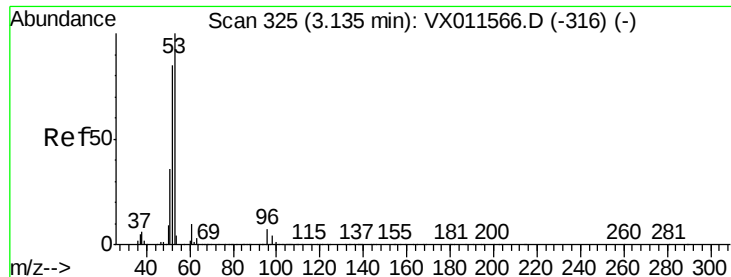
Tgt Ion: 56 Resp: 29325
Ion Ratio Lower Upper
56 100
55 66.6 55.5 83.3



#14
Allyl chloride
Concen: 18.633 ug/l
RT: 2.72 min Scan# 257
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Tgt Ion: 41 Resp: 93594
Ion Ratio Lower Upper
41 100
39 62.8 47.5 71.3
76 32.1 26.3 39.5





#15

Acrylonitrile

Concen: 100.480 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

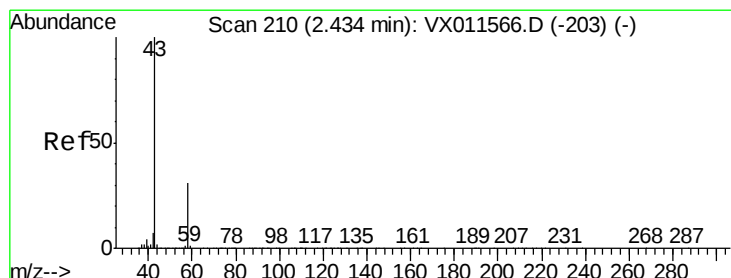
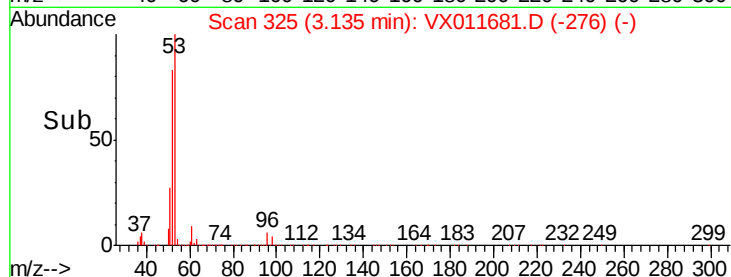
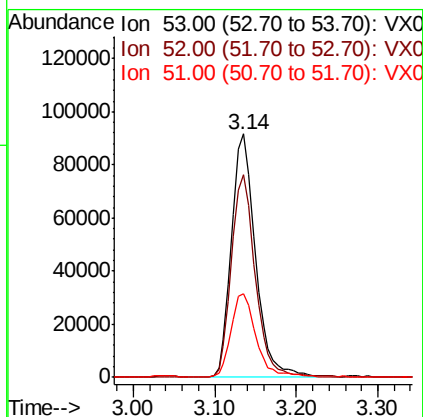
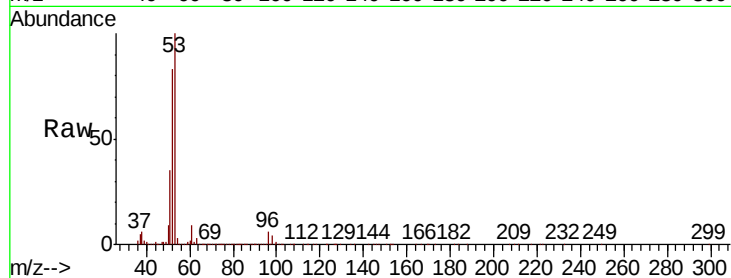
Tgt Ion: 53 Resp: 185289

Ion Ratio Lower Upper

53 100

52 82.9 66.7 100.1

51 35.7 28.7 43.1



#16

Acetone

Concen: 95.500 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011681.D

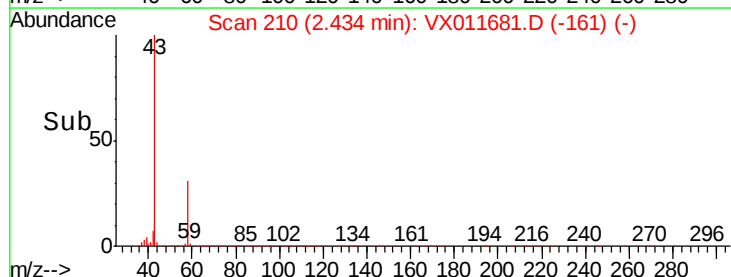
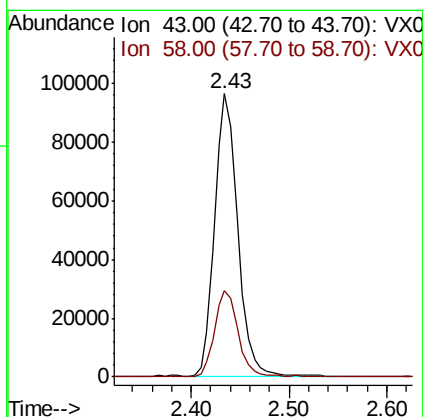
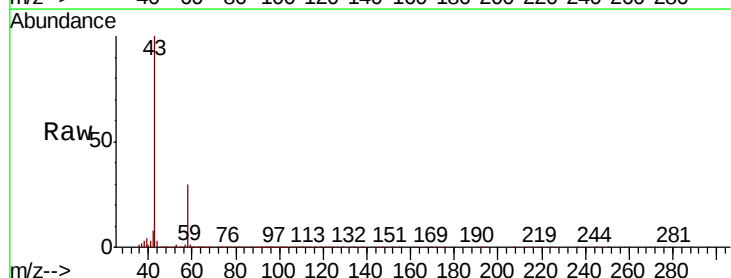
Acq: 20 Aug 2019 13:51

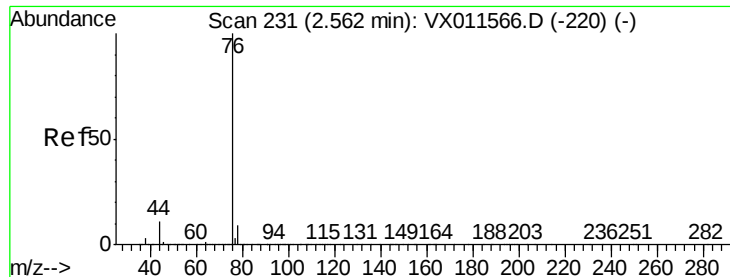
Tgt Ion: 43 Resp: 157706

Ion Ratio Lower Upper

43 100

58 30.3 25.2 37.8





#17

Carbon Disulfide

Concen: 16.347 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

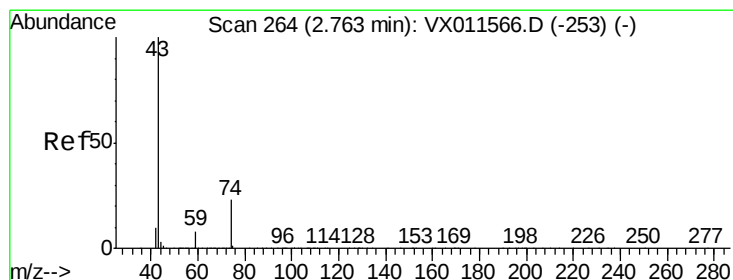
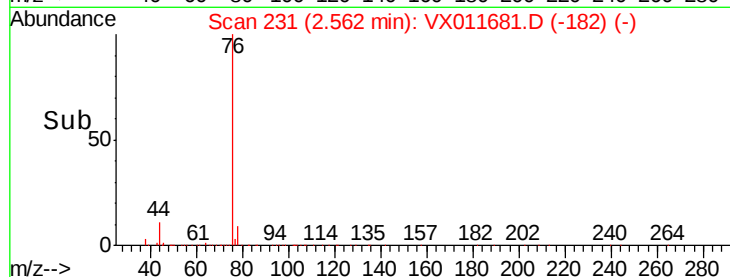
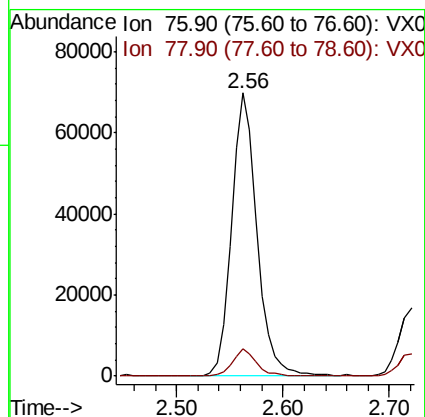
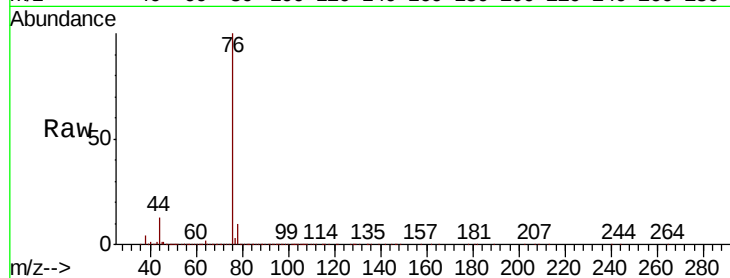
VX0820WBS01

Tgt Ion: 76 Resp: 116313

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



#18

Methyl Acetate

Concen: 20.690 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011681.D

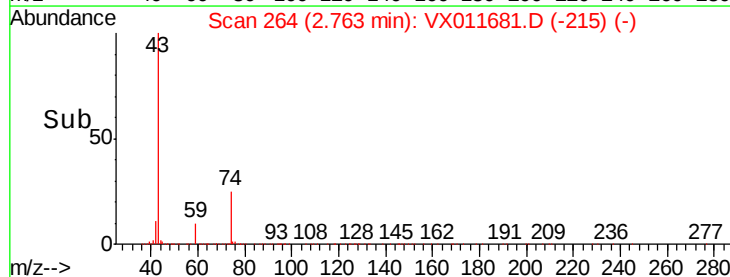
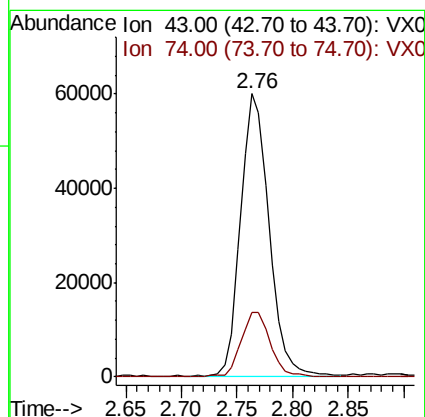
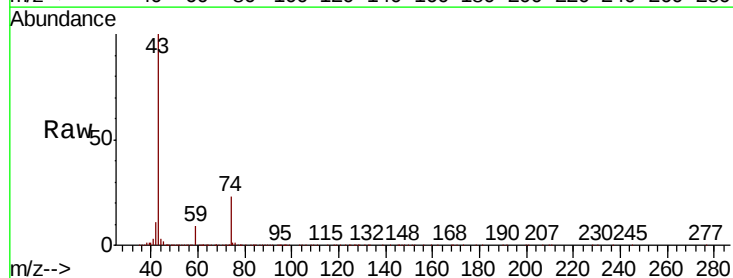
Acq: 20 Aug 2019 13:51

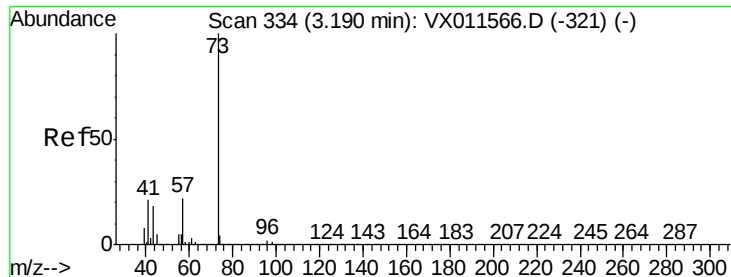
Tgt Ion: 43 Resp: 105962

Ion Ratio Lower Upper

43 100

74 24.1 19.7 29.5

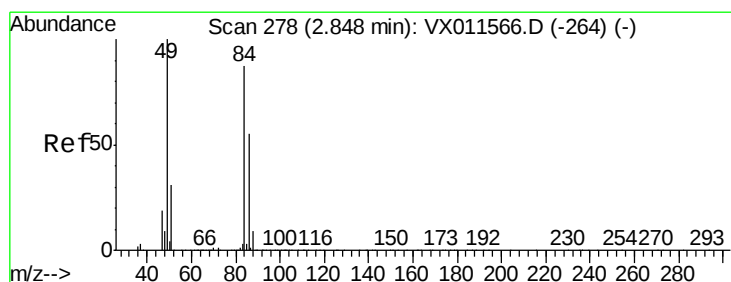
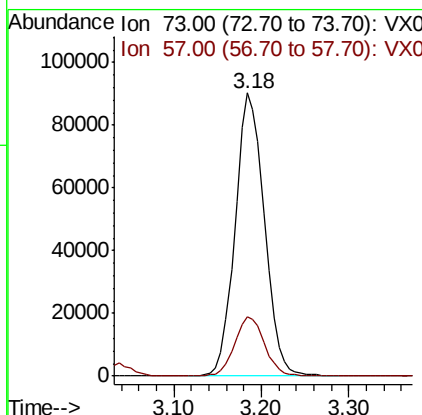
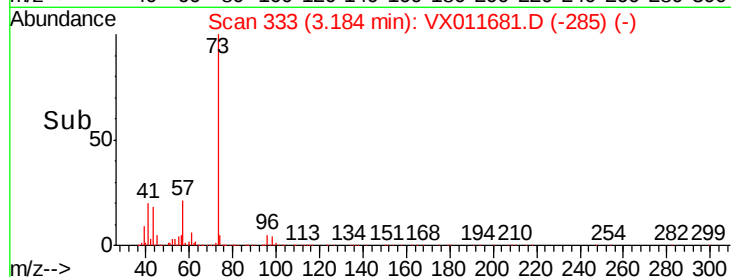
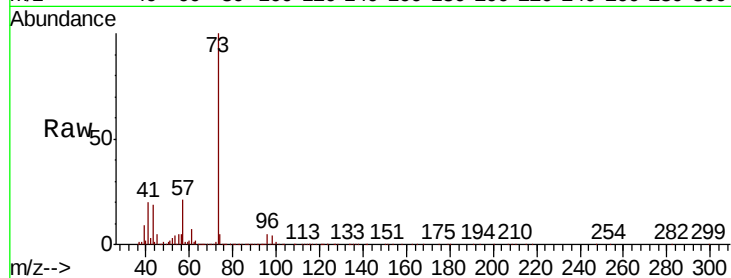




#19
Methyl tert-butyl Ether
Concen: 21.248 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

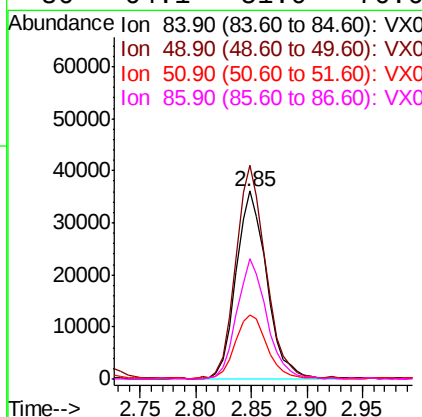
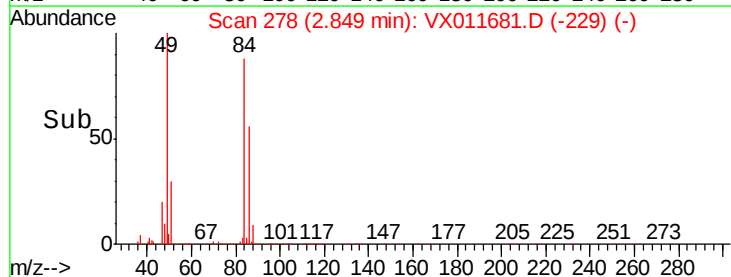
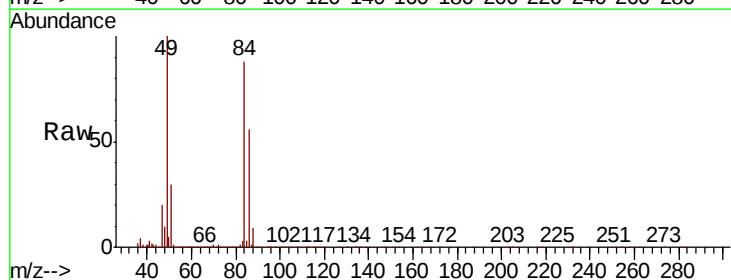
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

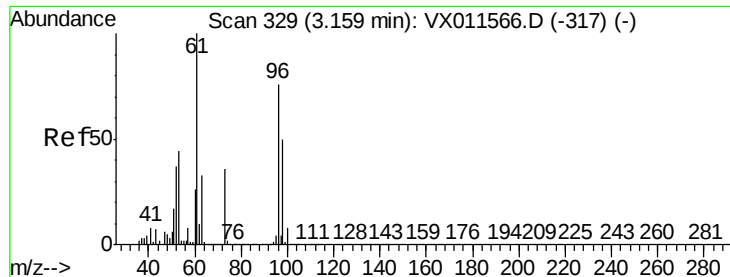
Tgt Ion: 73 Resp: 208967
Ion Ratio Lower Upper
73 100
57 21.0 17.2 25.8



#20
Methylene Chloride
Concen: 19.812 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Tgt Ion: 84 Resp: 68693
Ion Ratio Lower Upper
84 100
49 113.5 92.4 138.6
51 33.8 28.5 42.7
86 64.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.664 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

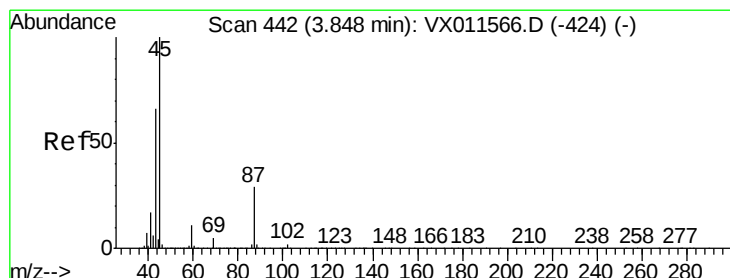
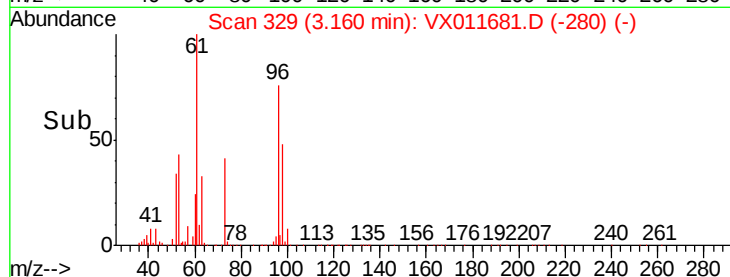
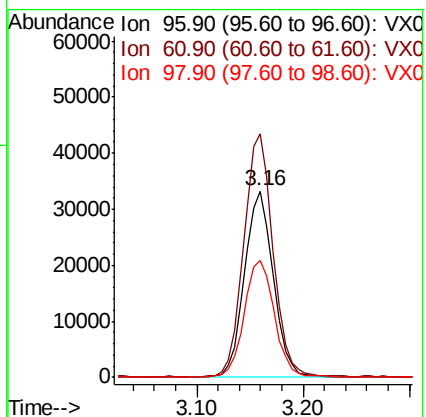
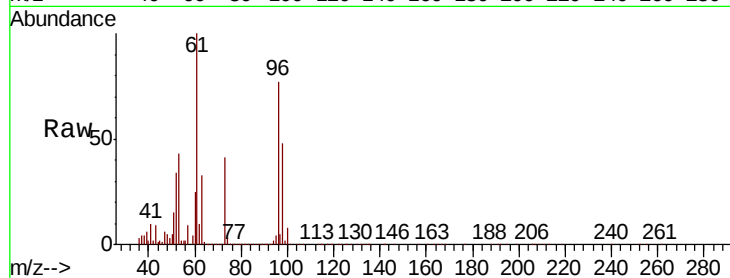
Tgt Ion: 96 Resp: 62924

Ion Ratio Lower Upper

96 100

61 130.4 105.5 158.3

98 63.0 52.6 78.8



#22

Diisopropyl ether

Concen: 20.805 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Tgt Ion: 45 Resp: 208124

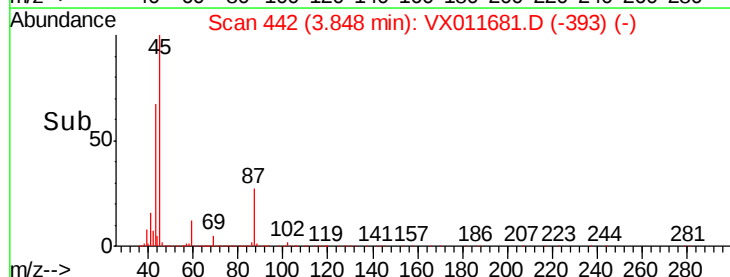
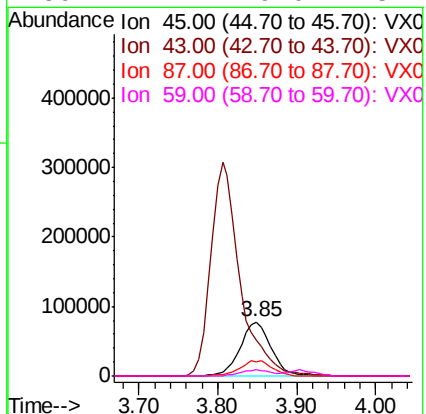
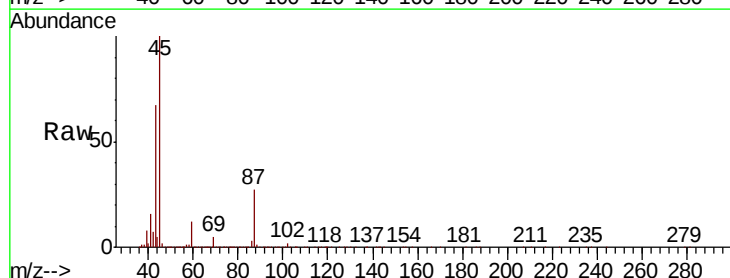
Ion Ratio Lower Upper

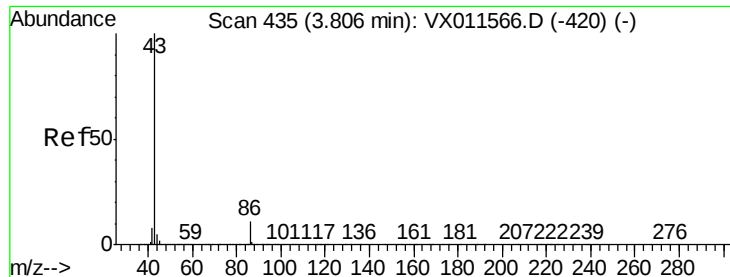
45 100

43 66.0 52.7 79.1

87 27.4 23.5 35.3

59 11.4 9.0 13.4





#23

Vinyl Acetate

Concen: 100.274 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

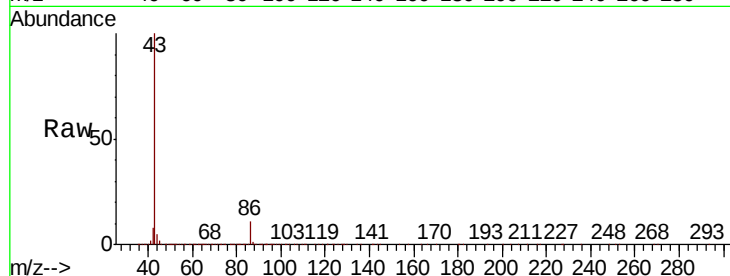
VX0820WBS01

Tgt Ion: 43 Resp: 794326

Ion Ratio Lower Upper

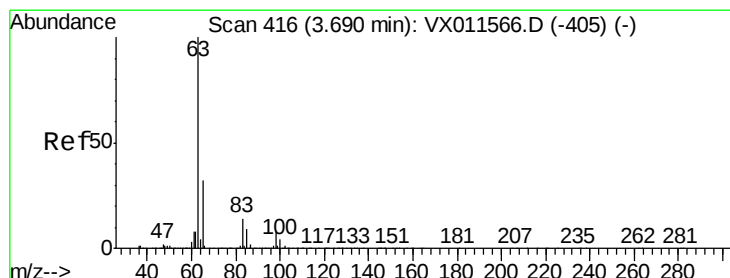
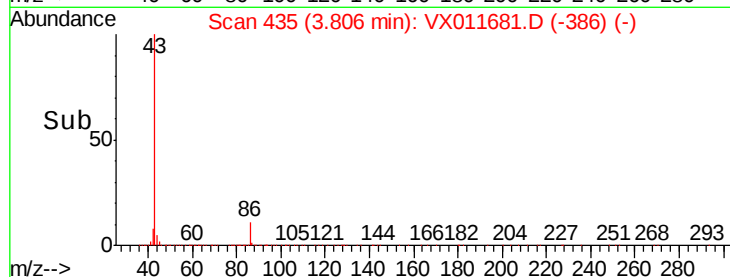
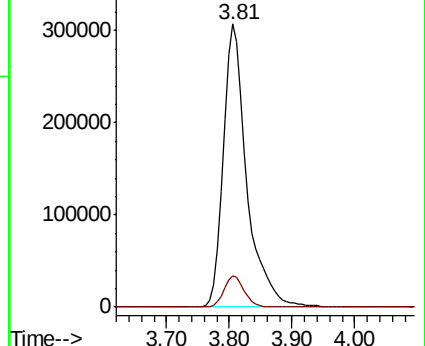
43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.326 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

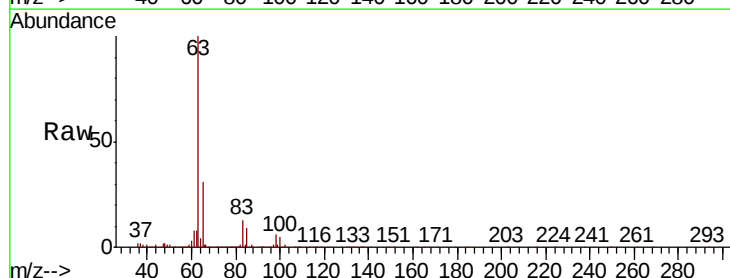
Tgt Ion: 63 Resp: 114961

Ion Ratio Lower Upper

63 100

98 6.1 3.7 11.1

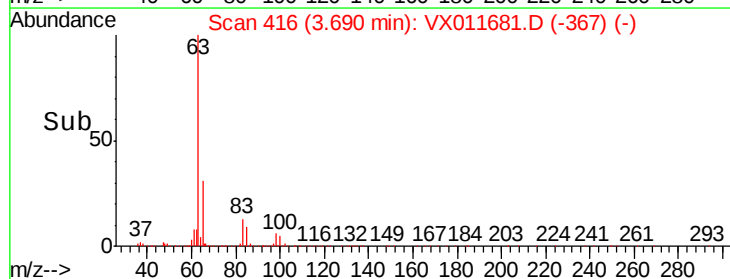
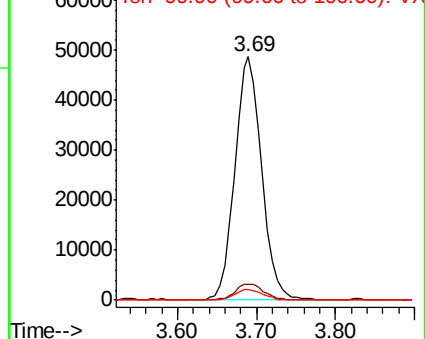
100 4.4 2.1 6.3

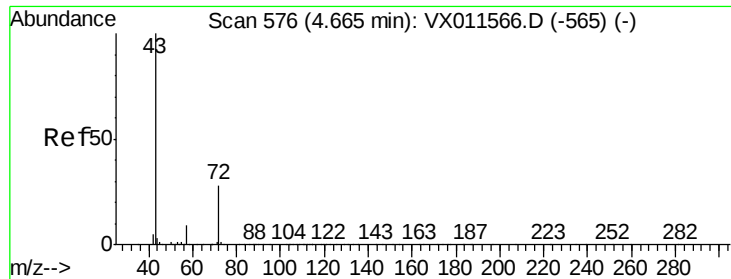


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.862 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

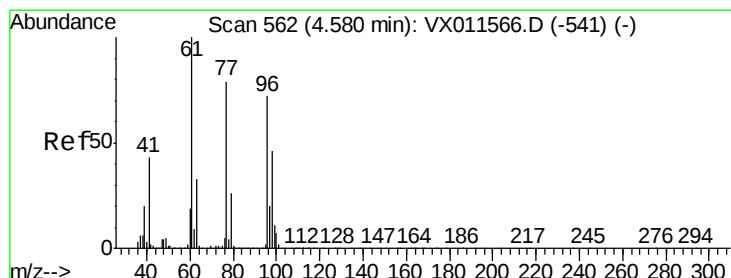
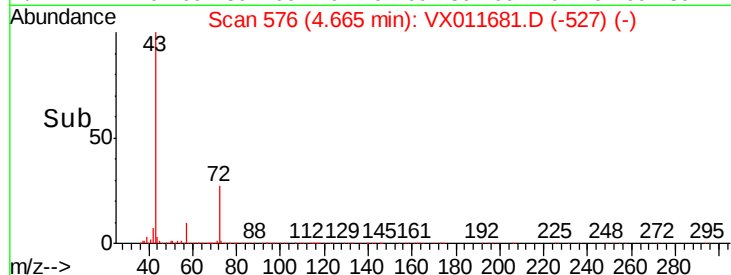
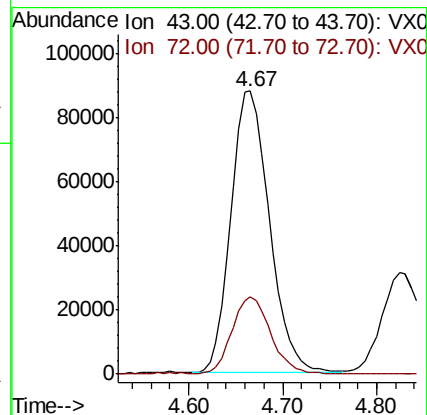
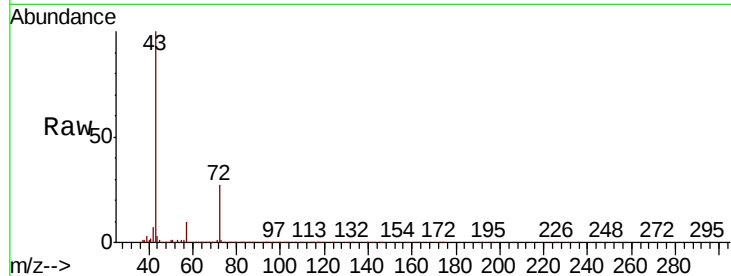
VX0820WBS01

Tgt Ion: 43 Resp: 251117

Ion Ratio Lower Upper

43 100

72 27.0 22.2 33.4



#26

2,2-Dichloropropane

Concen: 18.670 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX011681.D

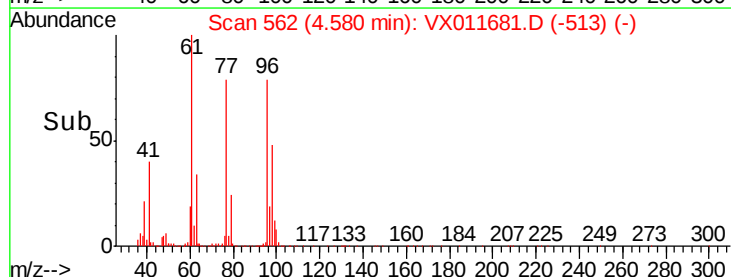
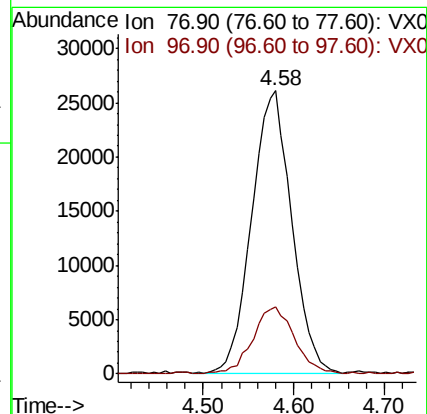
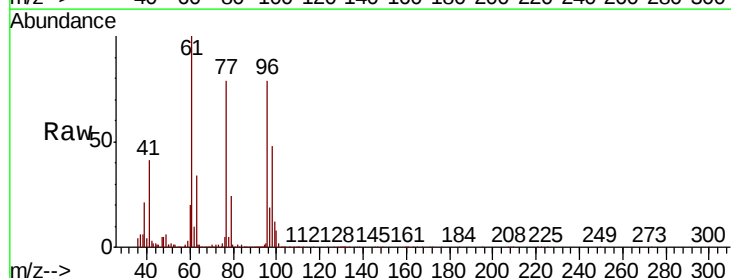
Acq: 20 Aug 2019 13:51

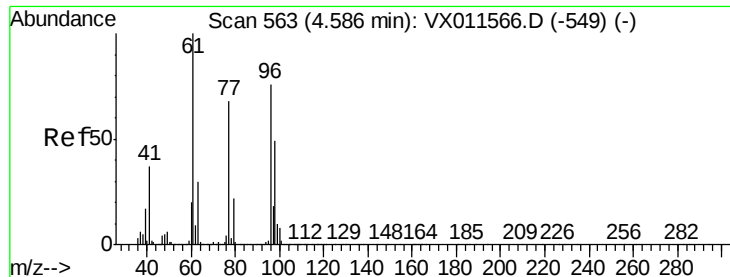
Tgt Ion: 77 Resp: 79477

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.2



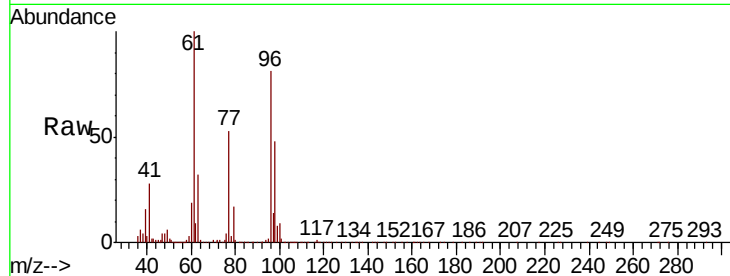


#27

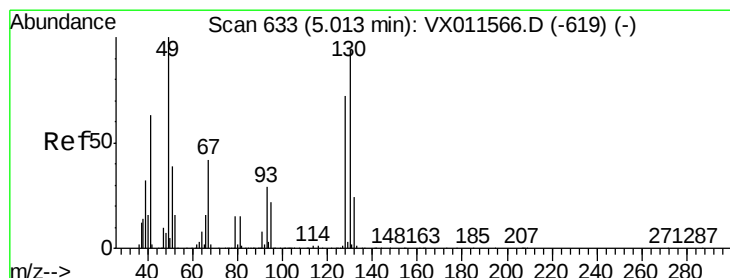
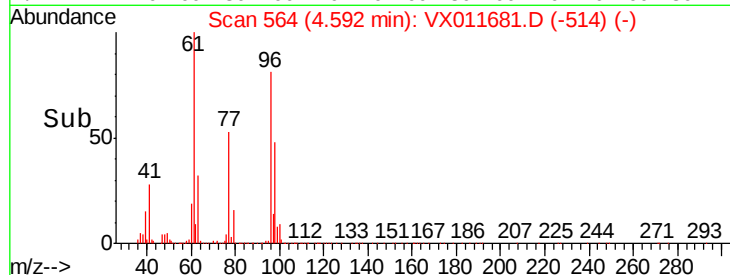
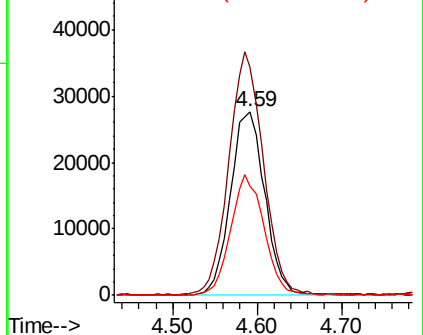
cis-1,2-Dichloroethene
Concen: 20.589 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tgt Ion: 96 Resp: 76804
Ion Ratio Lower Upper
96 100
61 132.2 0.0 272.6
98 63.8 0.0 129.4



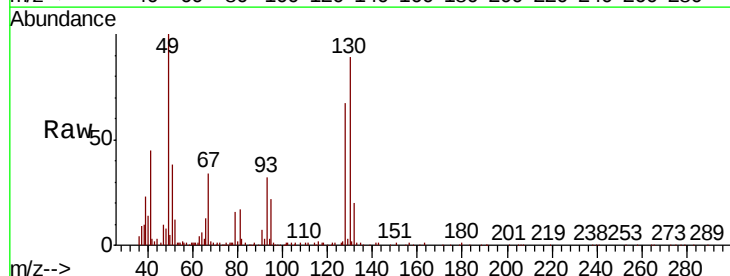
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



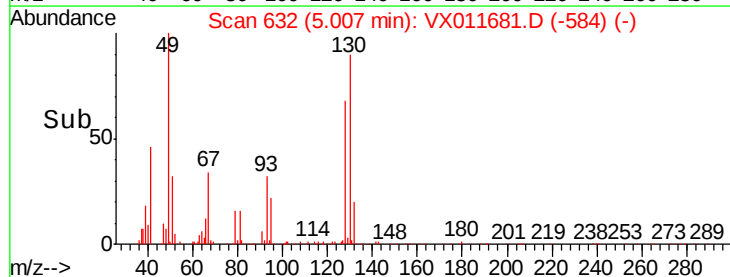
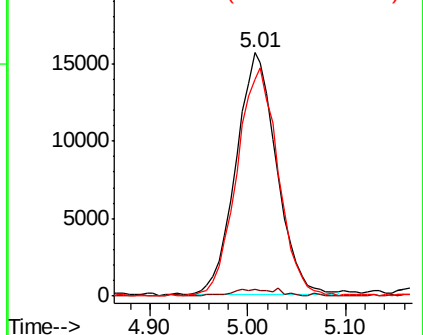
#28

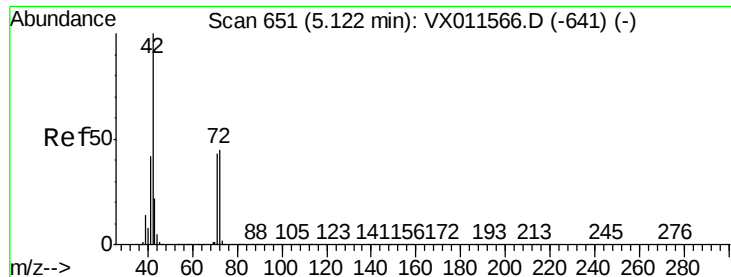
Bromochloromethane
Concen: 18.119 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Tgt Ion: 49 Resp: 44987
Ion Ratio Lower Upper
49 100
129 2.0 0.0 5.0
130 96.6 76.6 115.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 96.940 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

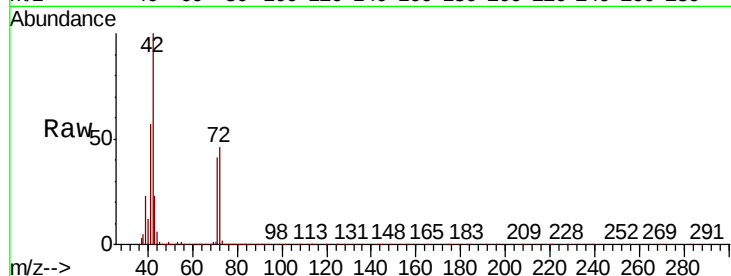
Tgt Ion: 42 Resp: 164857

Ion Ratio Lower Upper

42 100

72 46.7 36.1 54.1

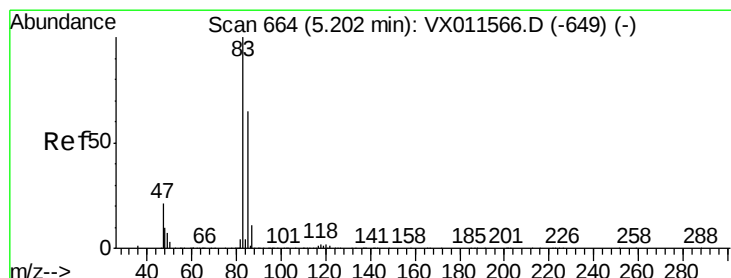
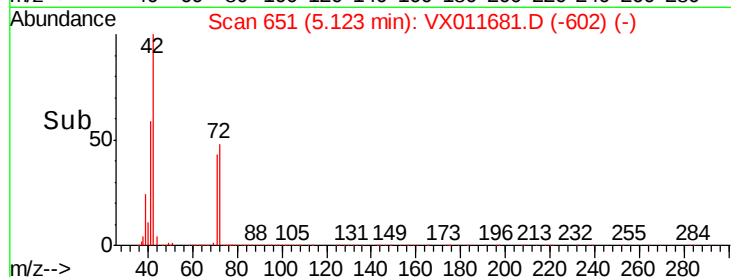
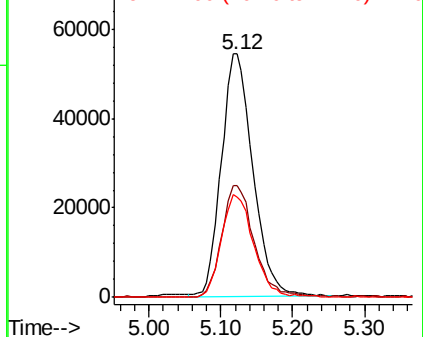
71 43.2 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.358 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.01 min

Lab File: VX011681.D

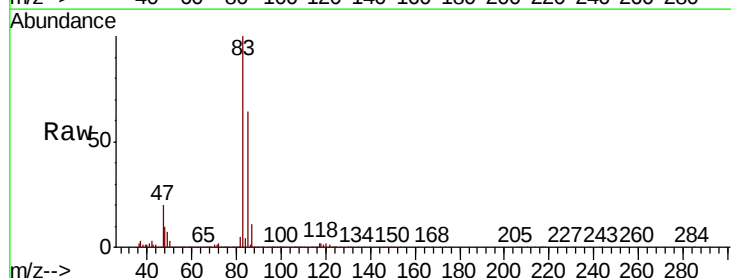
Acq: 20 Aug 2019 13:51

Tgt Ion: 83 Resp: 121516

Ion Ratio Lower Upper

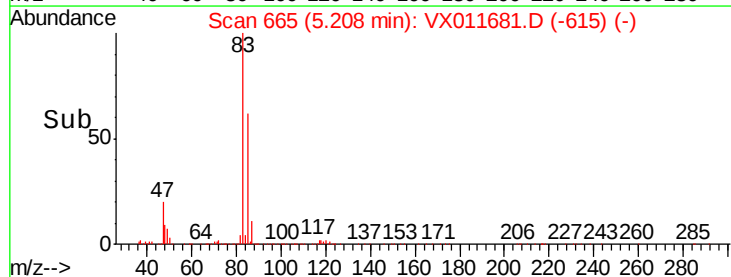
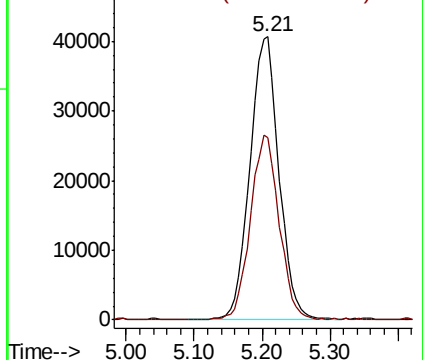
83 100

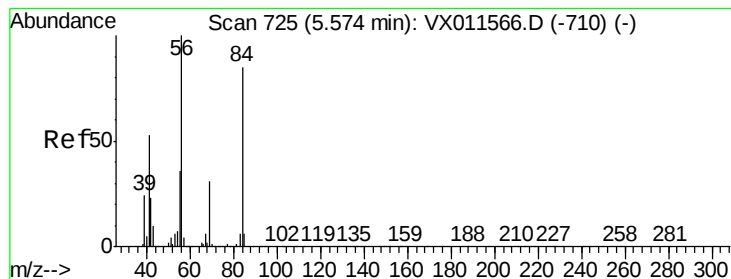
85 63.8 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.337 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

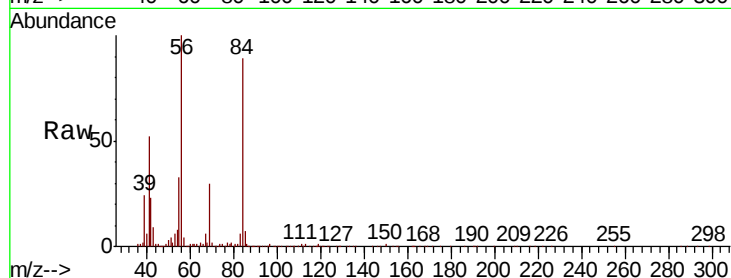
Tgt Ion: 56 Resp: 99035

Ion Ratio Lower Upper

56 100

69 30.0 24.8 37.2

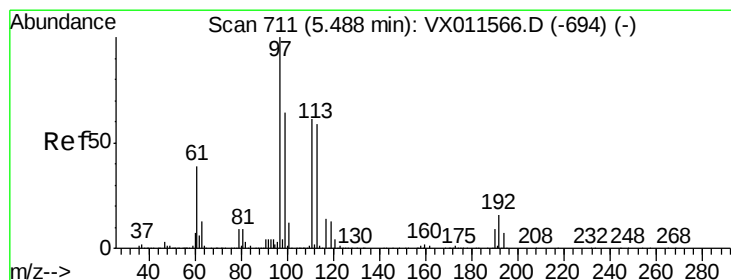
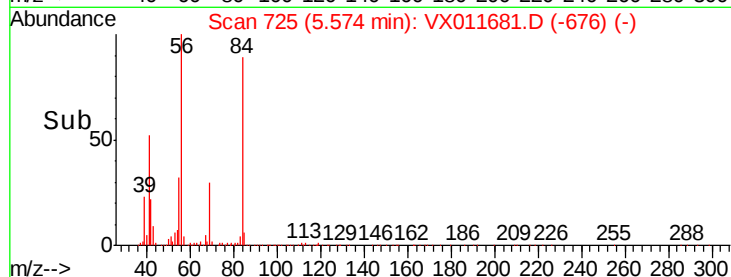
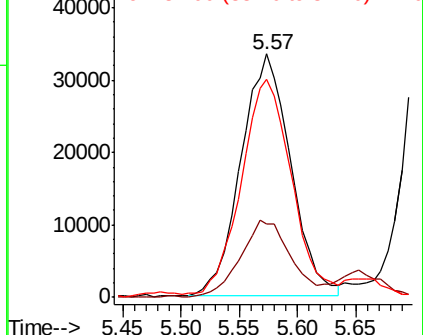
84 88.3 67.9 101.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.176 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

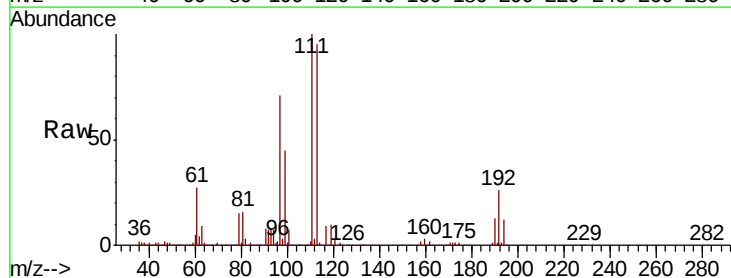
Tgt Ion: 97 Resp: 103551

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

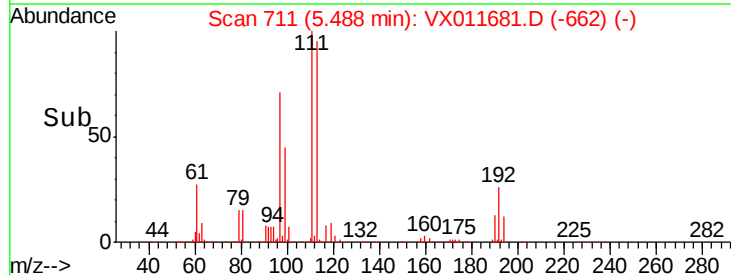
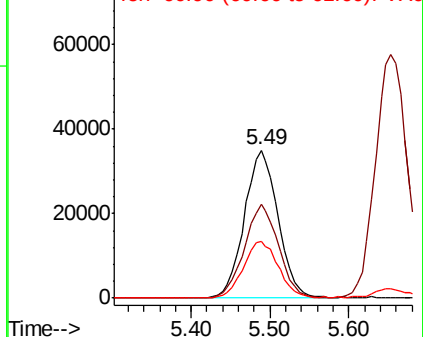
61 39.2 31.4 47.2

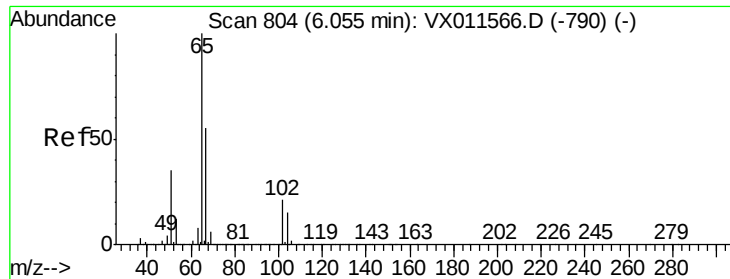


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.083 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

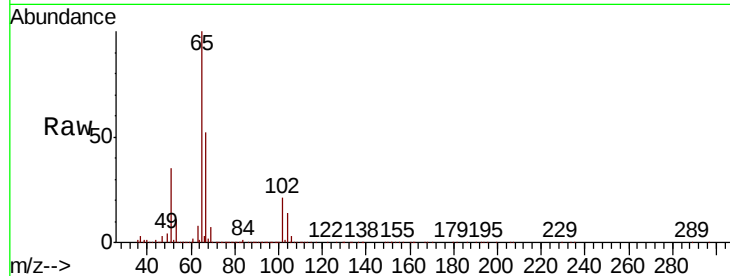
VX0820WBS01

Tgt Ion: 65 Resp: 154629

Ion Ratio Lower Upper

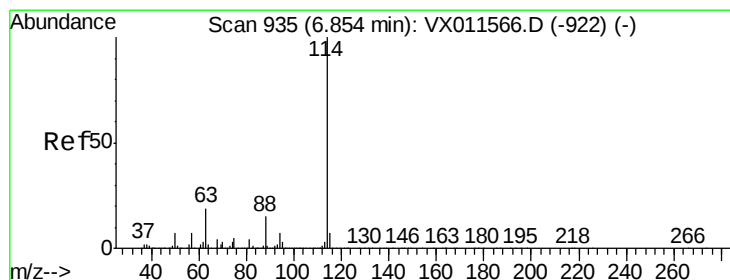
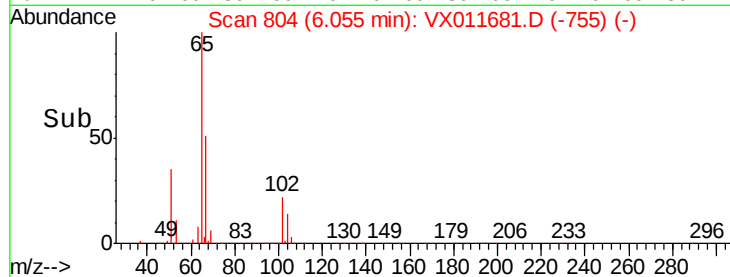
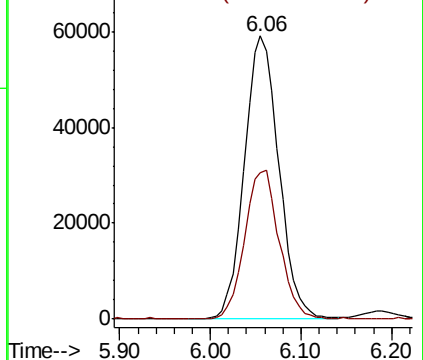
65 100

67 52.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

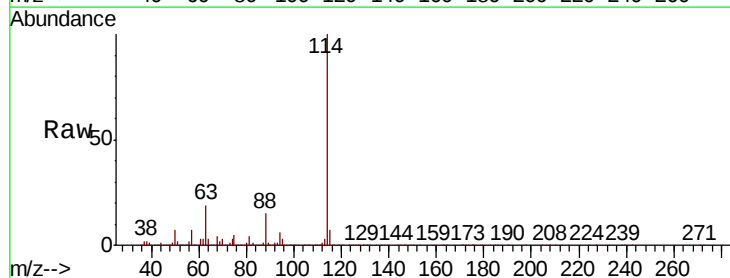
Tgt Ion: 114 Resp: 485358

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.8

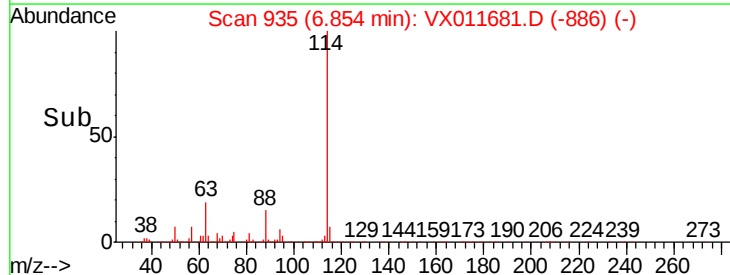
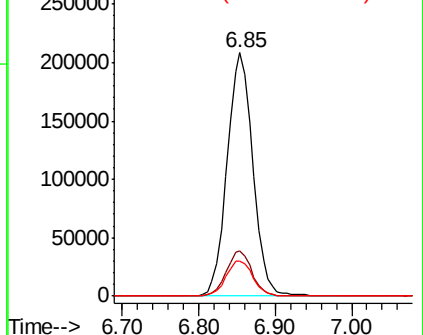
88 14.6 0.0 30.2

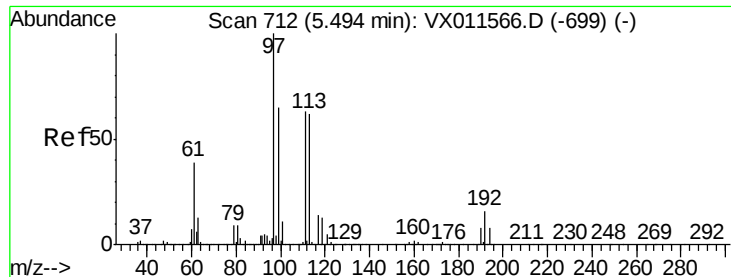


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

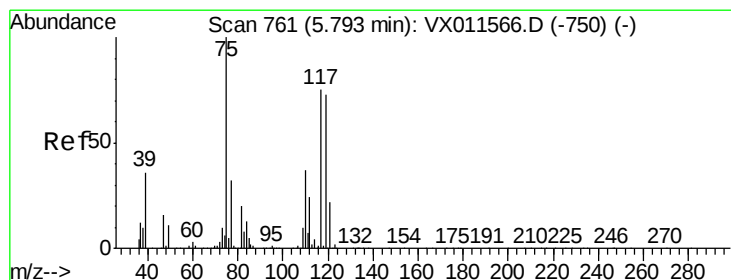
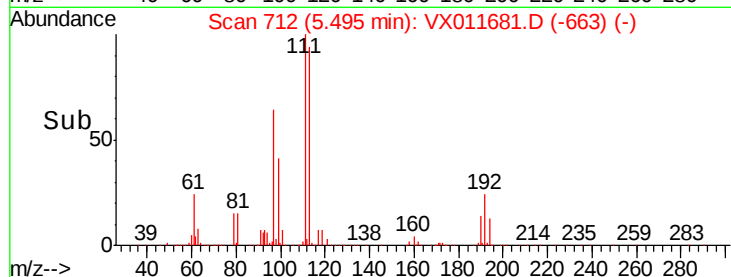
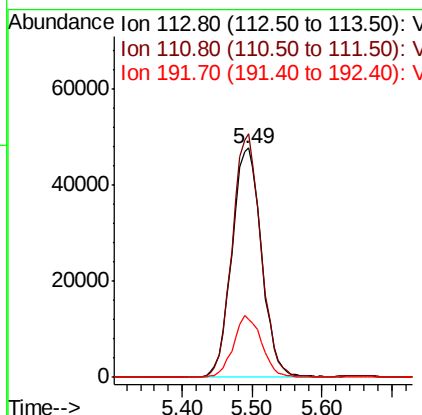
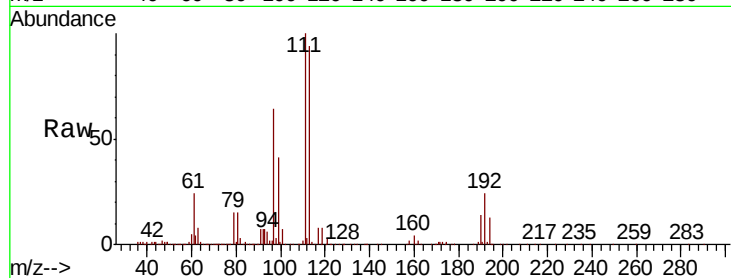




#35
 Dibromofluoromethane
 Concen: 44.224 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

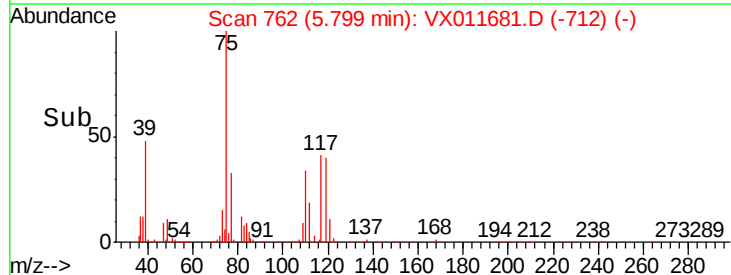
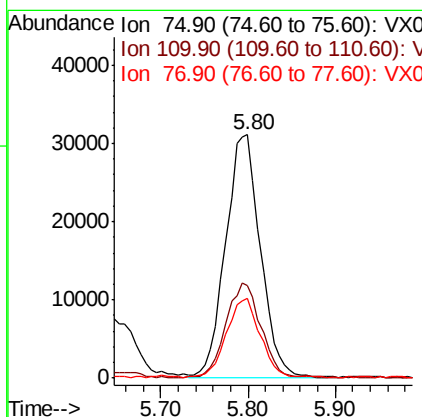
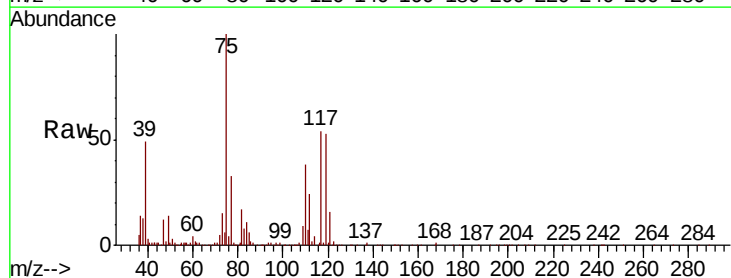
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

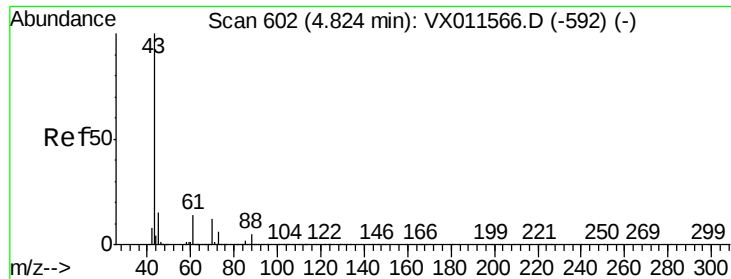
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.1	121.7
192	25.8	20.8	31.2



#36
 1,1-Dichloropropene
 Concen: 20.660 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.7	19.4	58.1
77	31.4	25.1	37.7

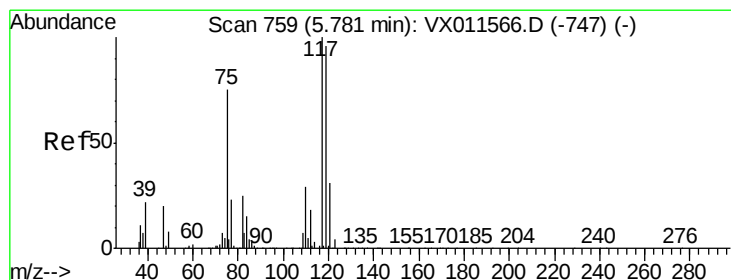
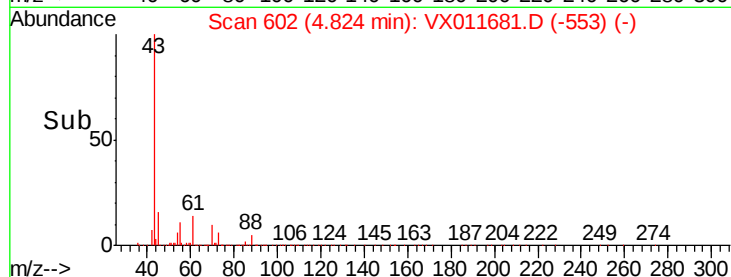
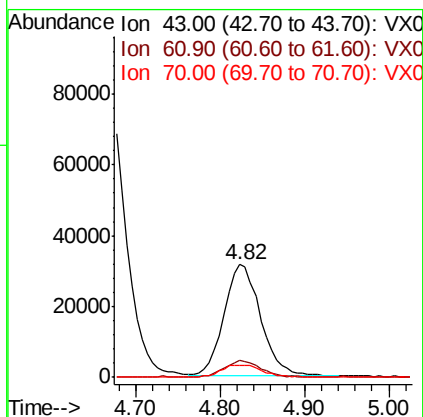
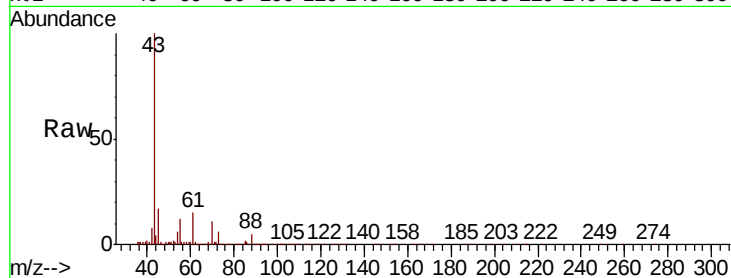




#37
Ethyl Acetate
Concen: 19.495 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

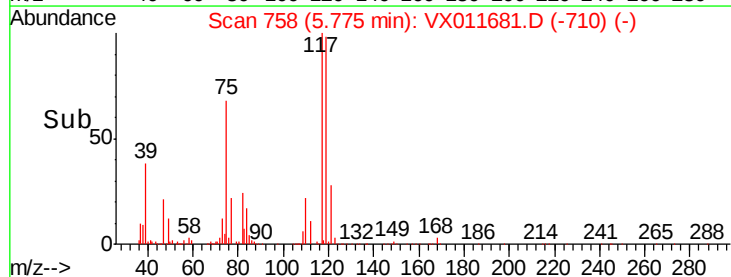
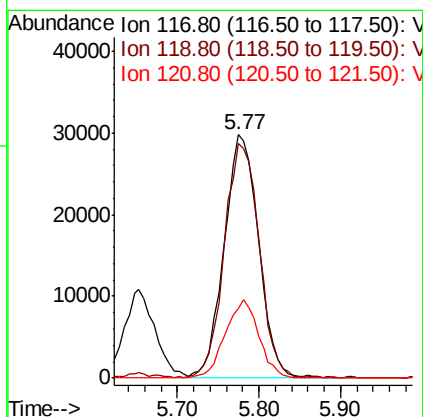
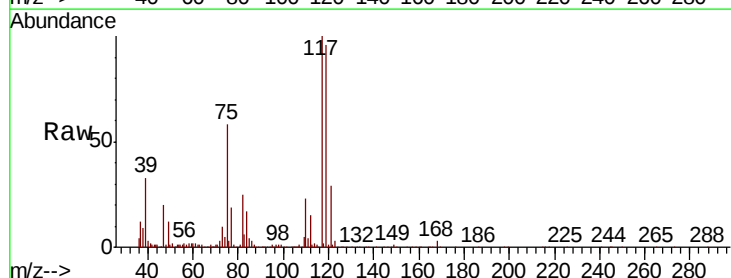
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

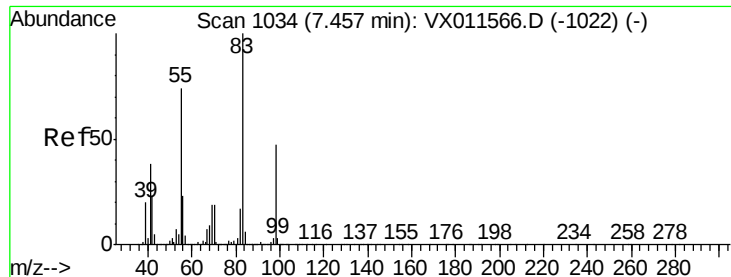
Tgt Ion: 43 Resp: 93047
Ion Ratio Lower Upper
43 100
61 14.7 11.4 17.0
70 11.9 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.921 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Tgt Ion: 117 Resp: 86504
Ion Ratio Lower Upper
117 100
119 96.5 76.9 115.3
121 28.4 24.8 37.2

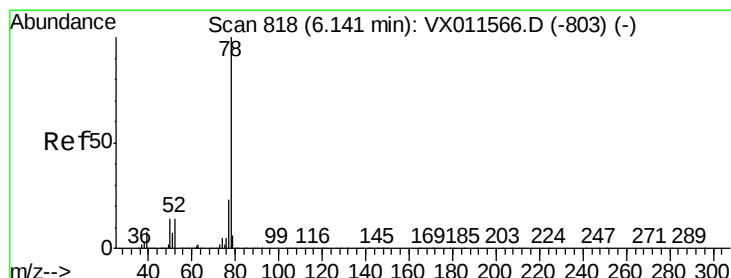
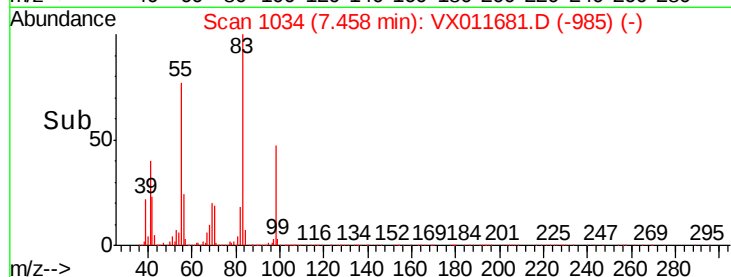
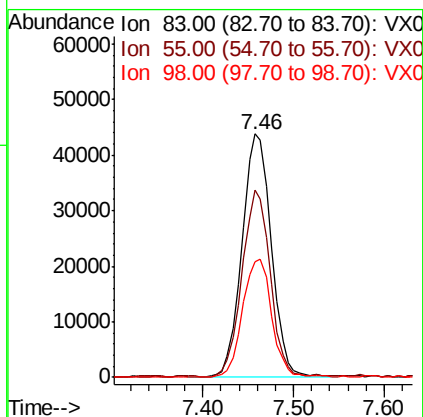
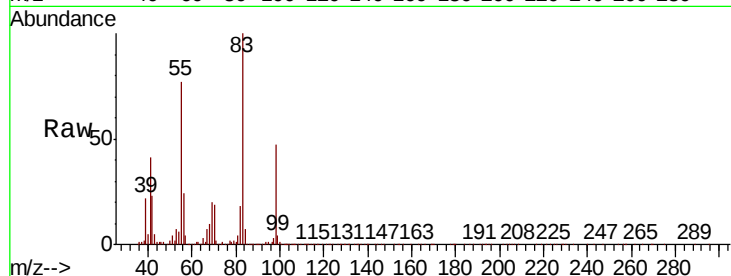




#39
Methylcyclohexane
Concen: 19.209 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

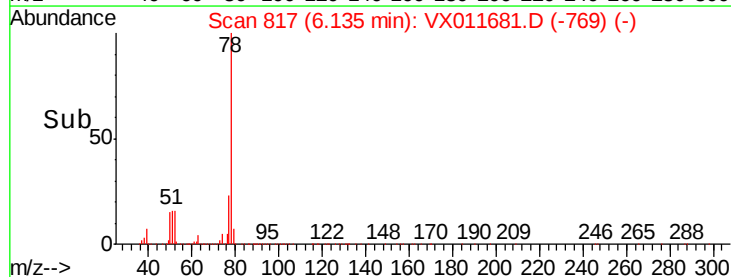
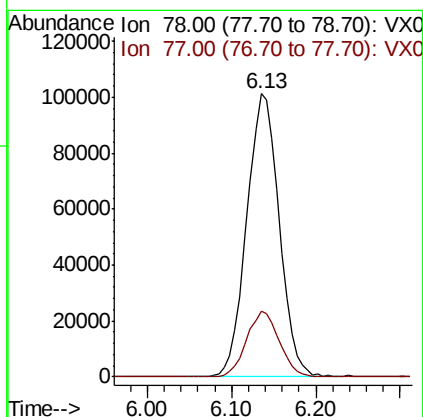
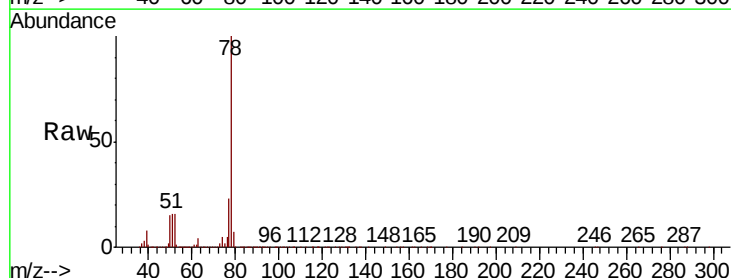
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

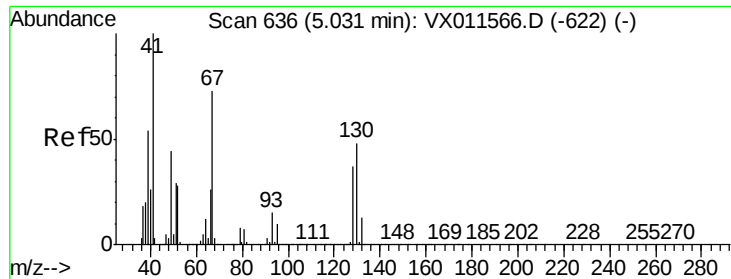
Tgt Ion: 83 Resp: 98440
Ion Ratio Lower Upper
83 100
55 76.3 58.8 88.2
98 47.2 37.8 56.6



#40
Benzene
Concen: 20.549 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Tgt Ion: 78 Resp: 264996
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

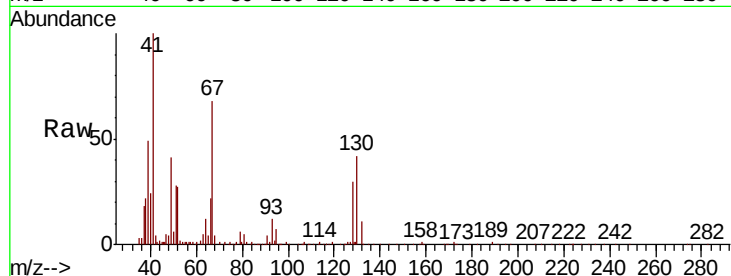




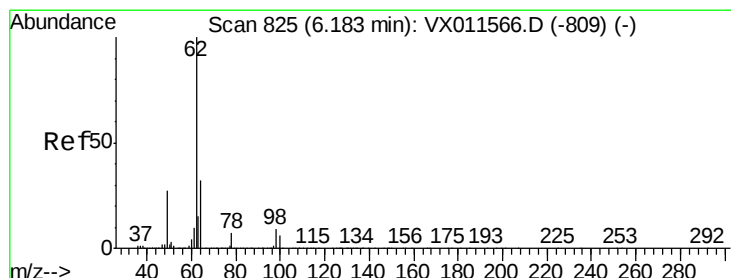
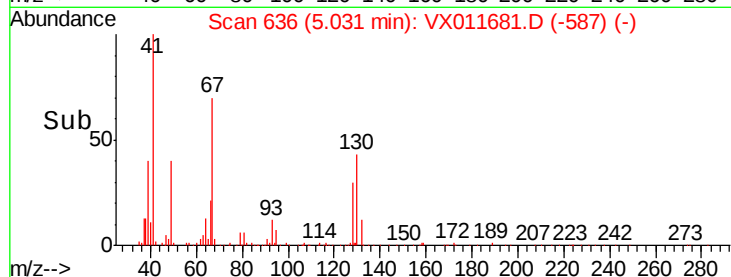
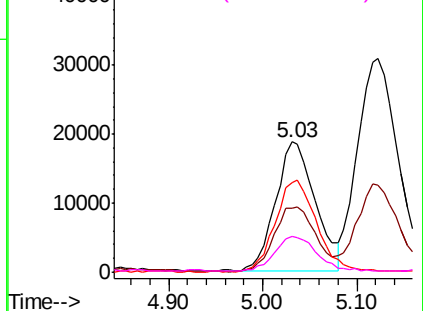
#41
Methacrylonitrile
Concen: 21.016 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tgt Ion:	41	Resp:	55206
Ion	Ratio	Lower	Upper
41	100		
39	52.8	43.5	65.3
67	74.3	59.4	89.2
52	28.3	23.4	35.2

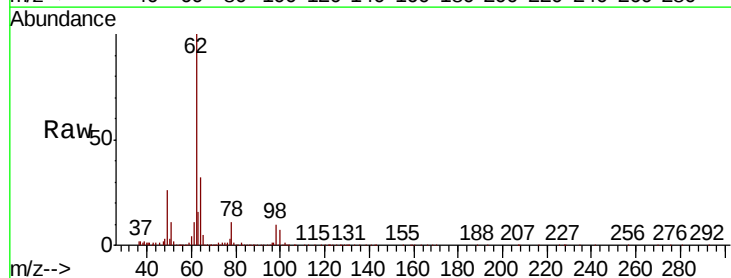


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

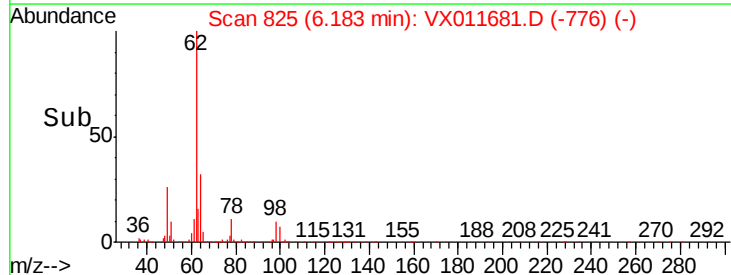
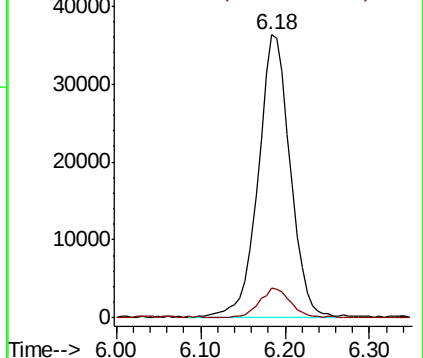


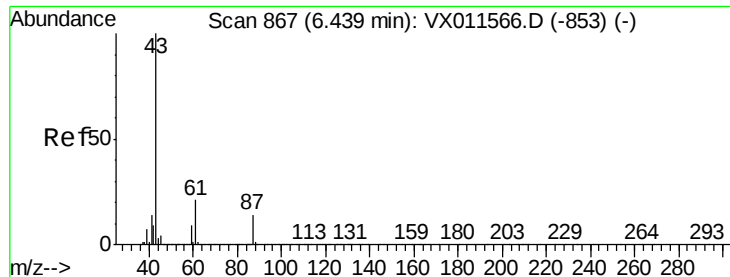
#42
1,2-Dichloroethane
Concen: 21.142 ug/l
RT: 6.18 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Tgt Ion:	62	Resp:	94462
Ion	Ratio	Lower	Upper
62	100		
98	10.6	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: 19.873 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

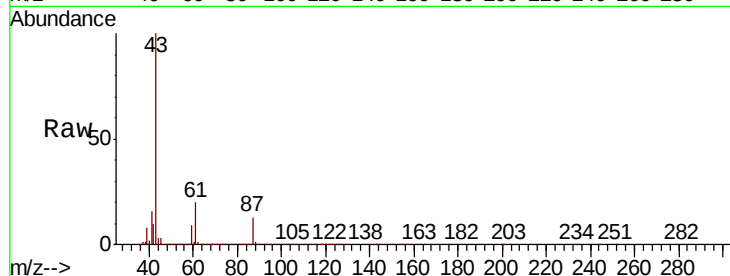
Tgt Ion: 43 Resp: 148032

Ion Ratio Lower Upper

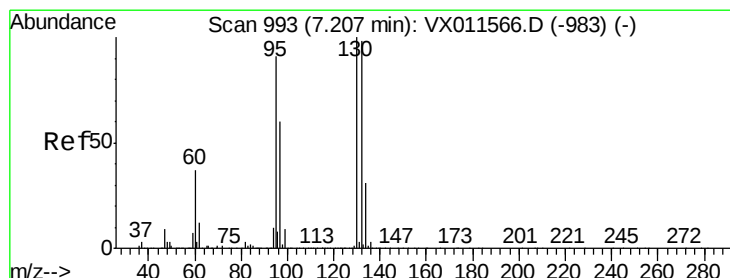
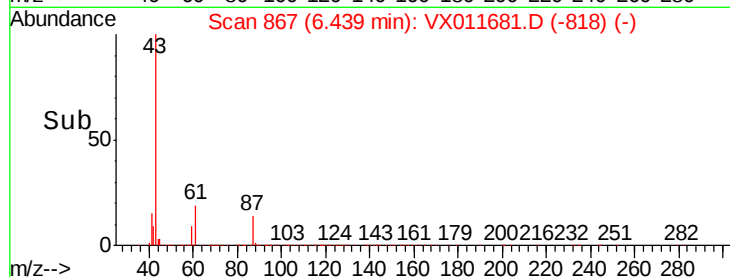
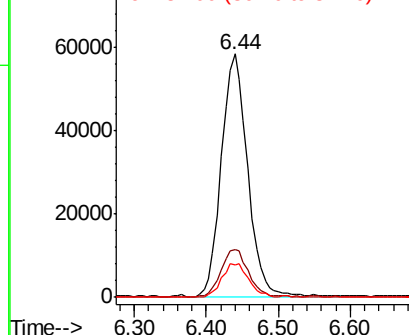
43 100

61 20.2 16.6 24.8

87 14.4 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.030 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011681.D

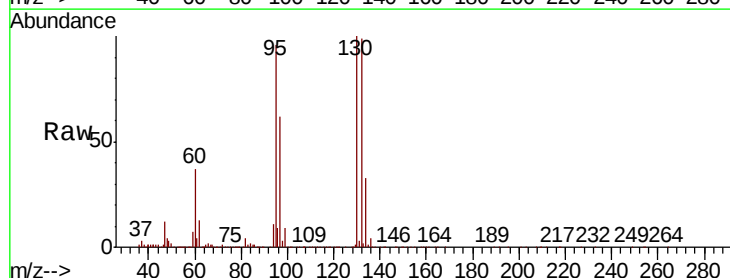
Acq: 20 Aug 2019 13:51

Tgt Ion: 130 Resp: 76627

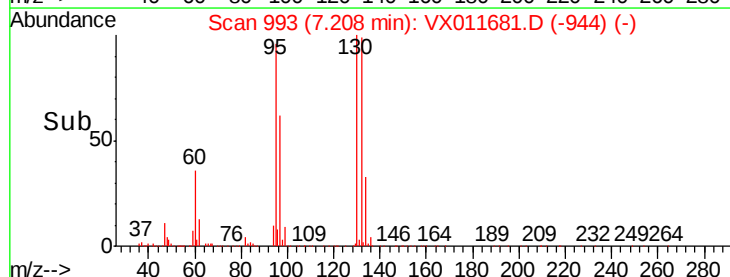
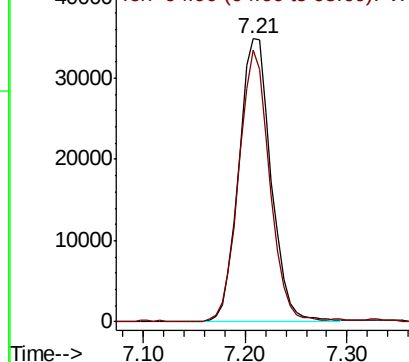
Ion Ratio Lower Upper

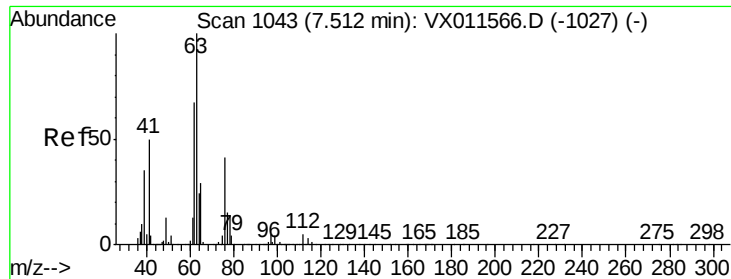
130 100

95 96.0 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

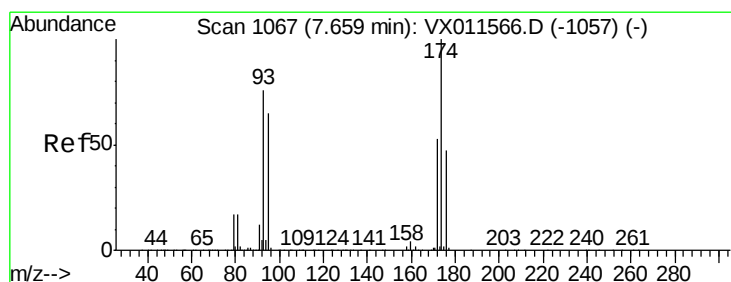
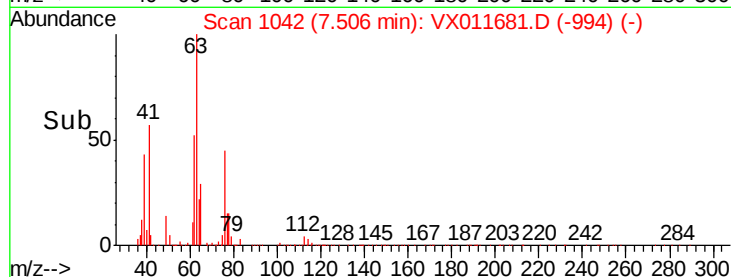
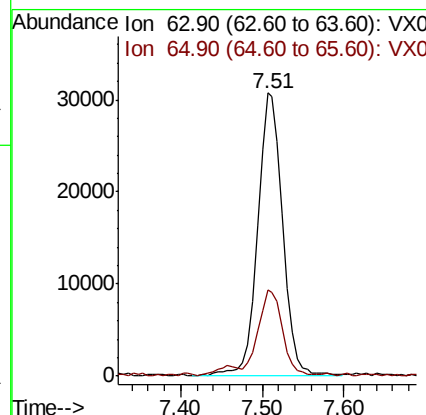
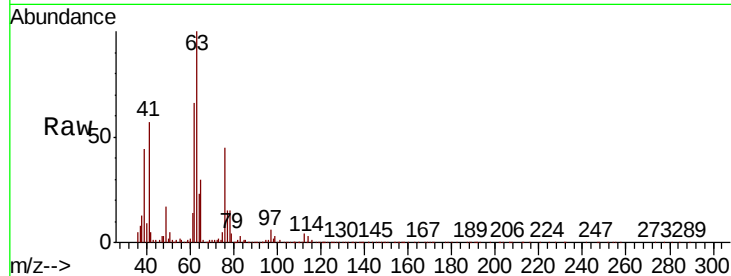




#45
 1,2-Dichloropropane
 Concen: 20.367 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

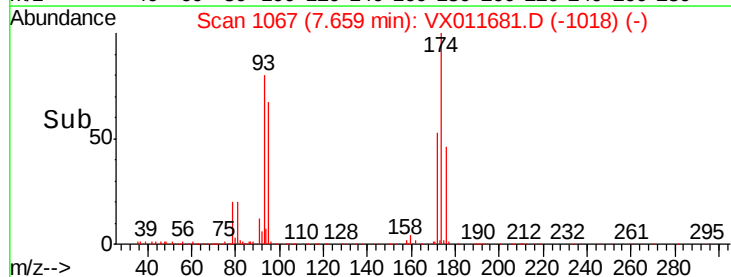
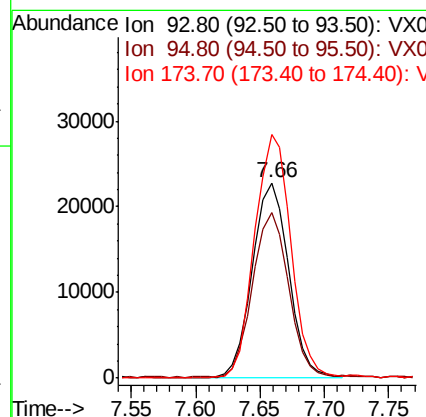
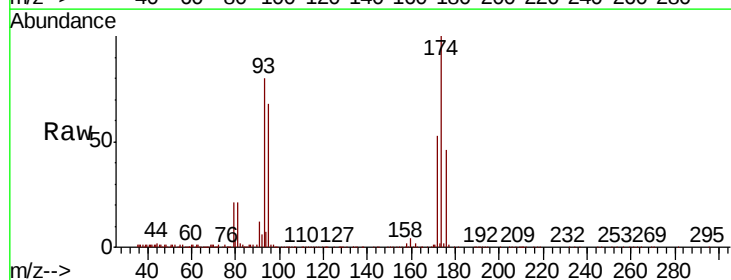
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

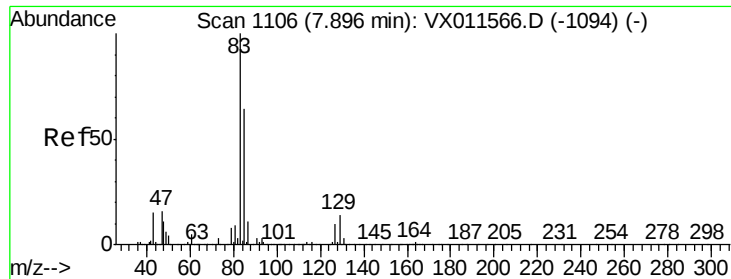
Tgt Ion: 63 Resp: 65503
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.4 35.2



#46
 Dibromomethane
 Concen: 18.974 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

Tgt Ion: 93 Resp: 44344
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.2 100.8
 174 126.5 105.5 158.3





#47

Bromodichloromethane

Concen: 17.988 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

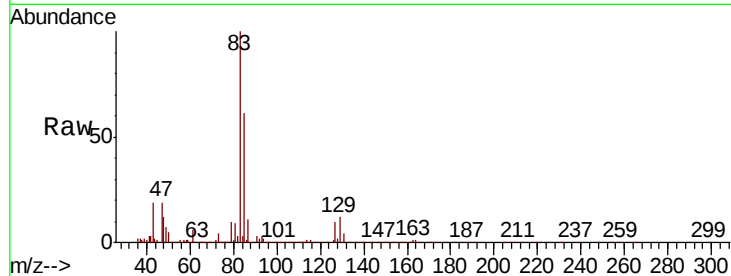
Tgt Ion: 83 Resp: 77190

Ion Ratio Lower Upper

83 100

85 60.6 51.2 76.8

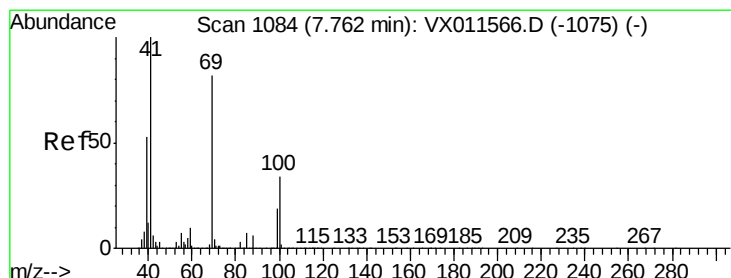
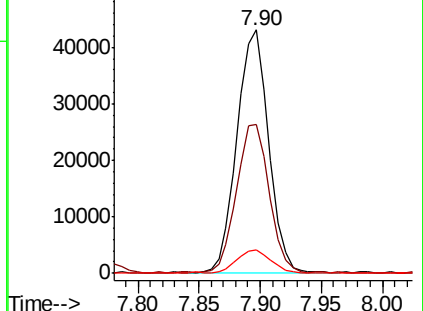
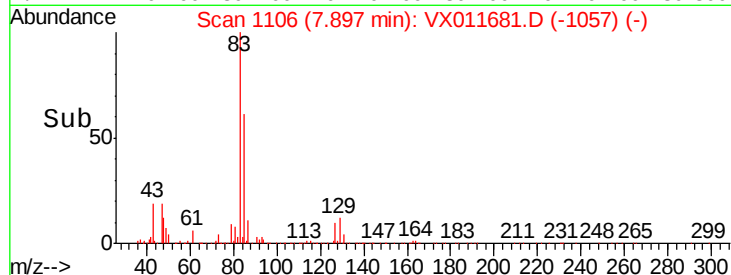
127 9.8 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.299 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

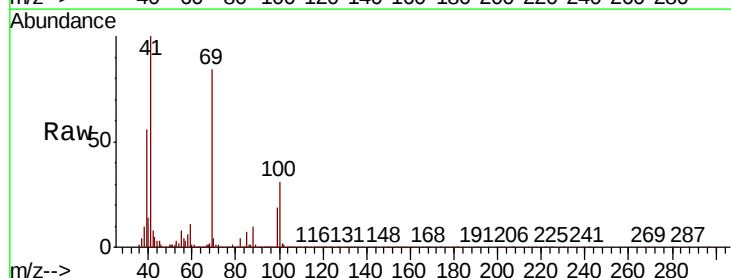
Tgt Ion: 41 Resp: 71189

Ion Ratio Lower Upper

41 100

69 87.8 67.9 101.9

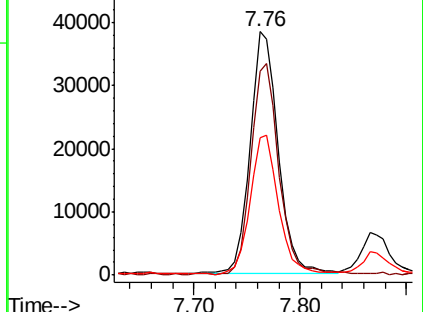
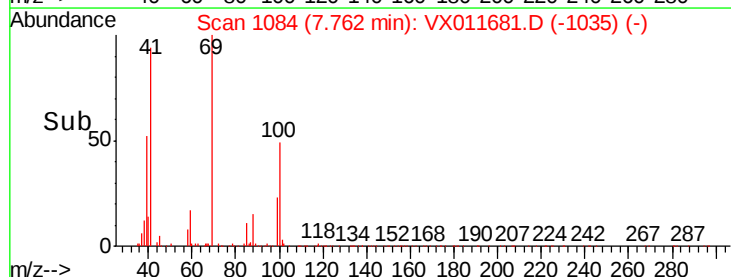
39 59.0 41.6 62.4

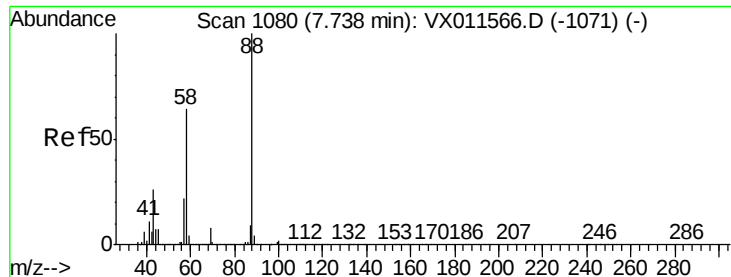


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

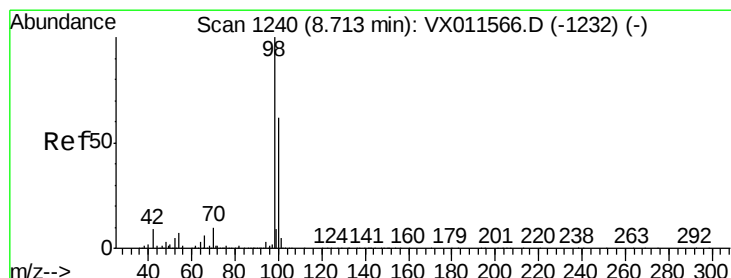
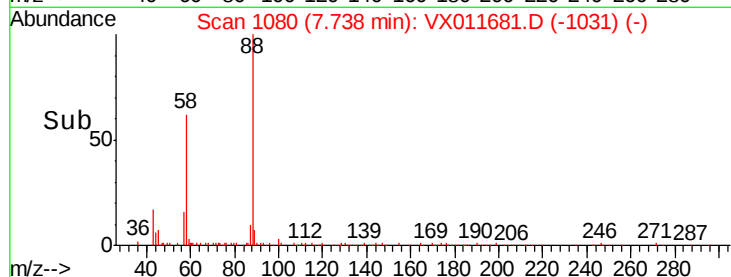
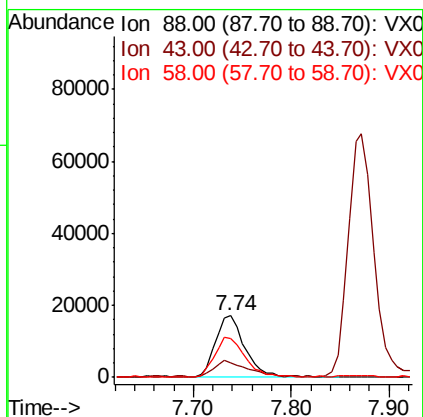
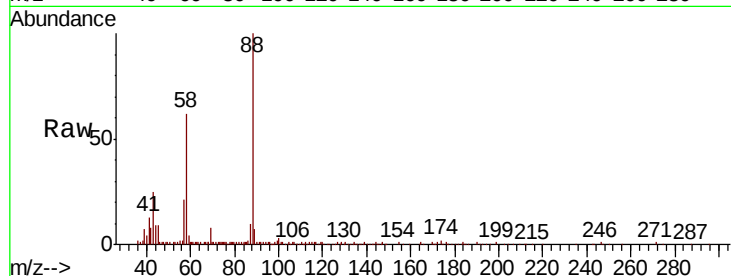




#49
1,4-Dioxane
Concen: 357.956 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

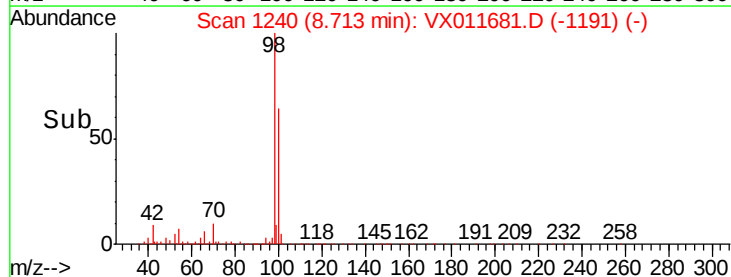
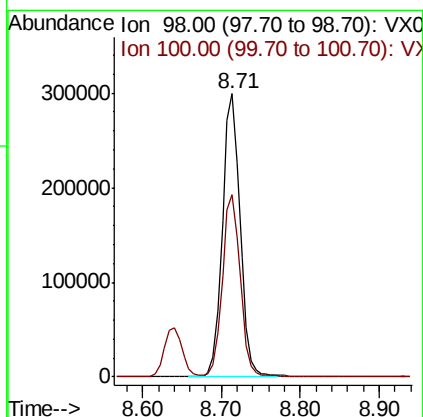
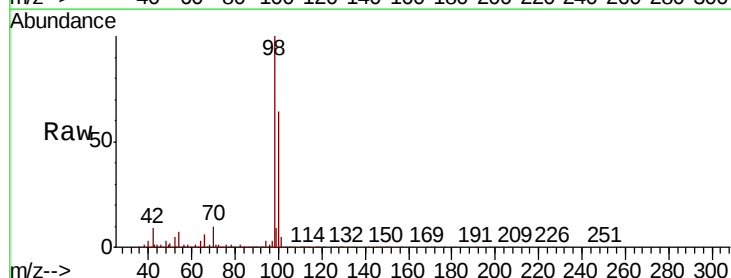
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

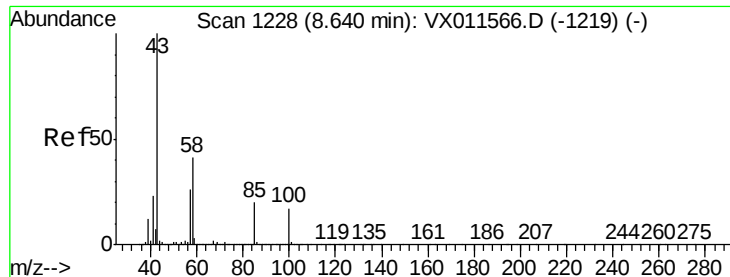
Tgt Ion: 88 Resp: 35120
Ion Ratio Lower Upper
88 100
43 28.1 23.4 35.0
58 67.0 54.3 81.5



#50
Toluene-d8
Concen: 47.231 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Tgt Ion: 98 Resp: 467184
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6

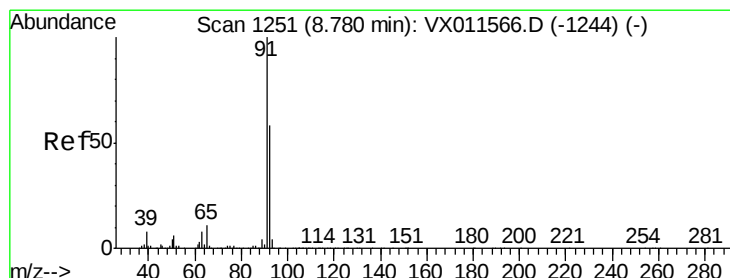
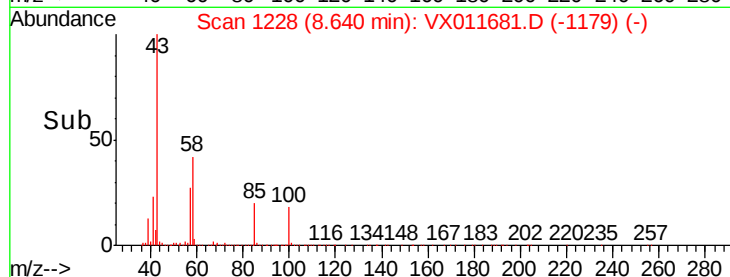
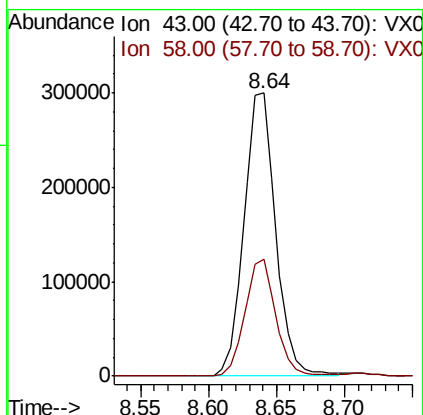
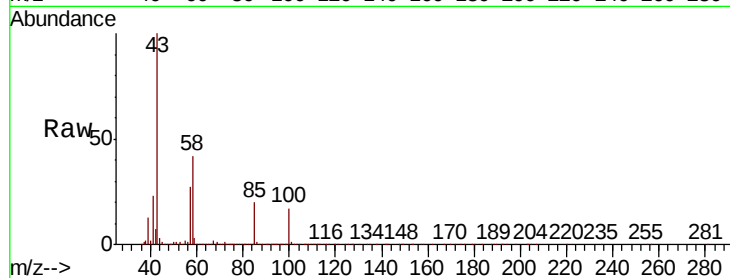




#51
4-Methyl-2-Pentanone
Concen: 100.153 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

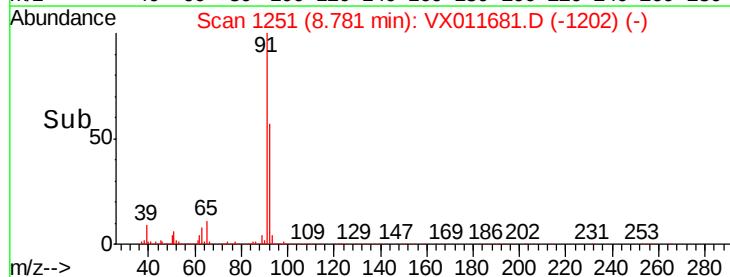
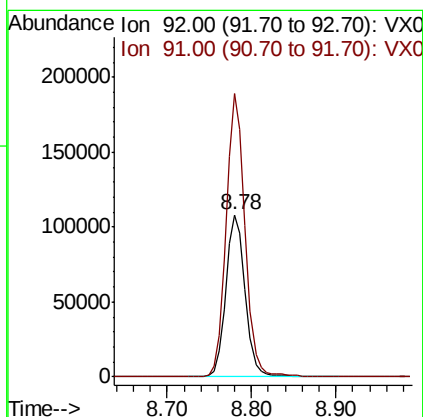
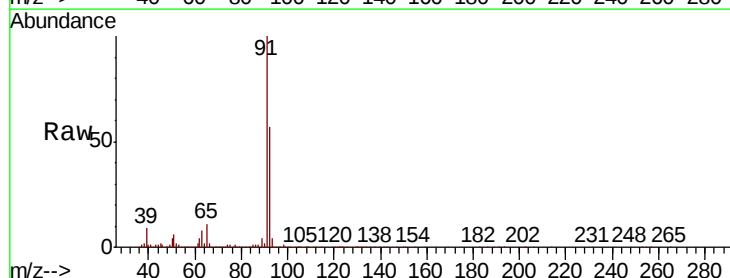
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

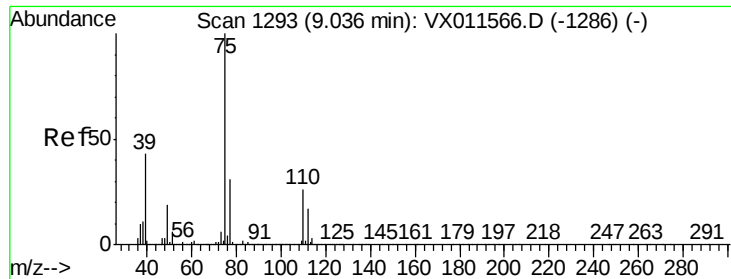
Tgt Ion: 43 Resp: 488304
Ion Ratio Lower Upper
43 100
58 40.1 31.8 47.6



#52
Toluene
Concen: 20.789 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Tgt Ion: 92 Resp: 170792
Ion Ratio Lower Upper
92 100
91 170.6 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 18.707 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

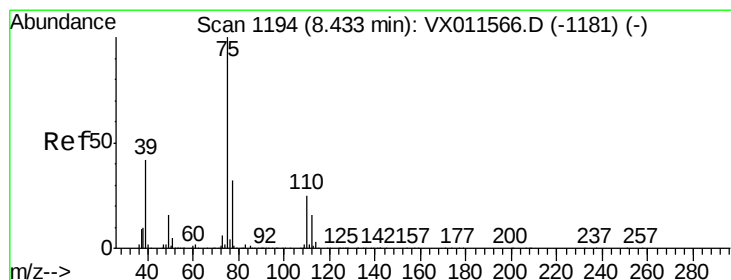
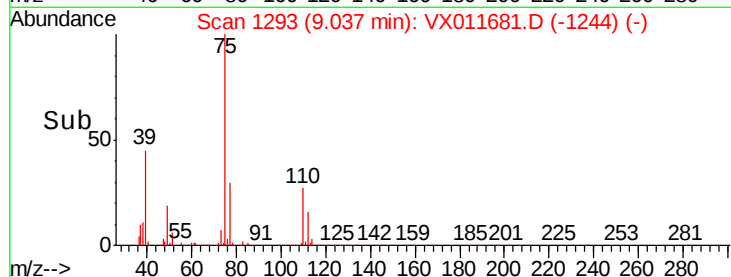
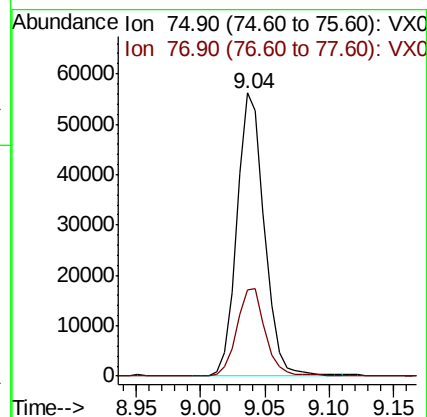
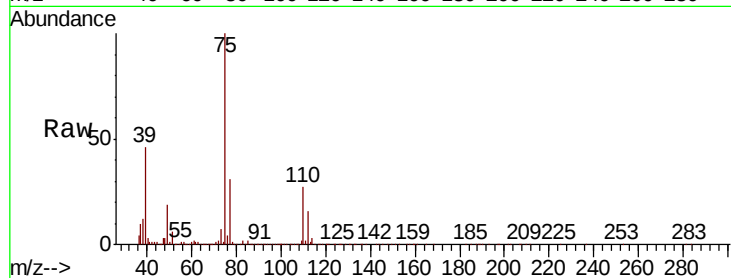
VX0820WBS01

Tgt Ion: 75 Resp: 83311

Ion Ratio Lower Upper

75 100

77 30.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 18.878 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

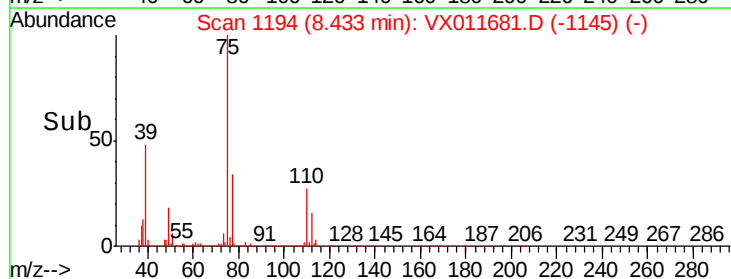
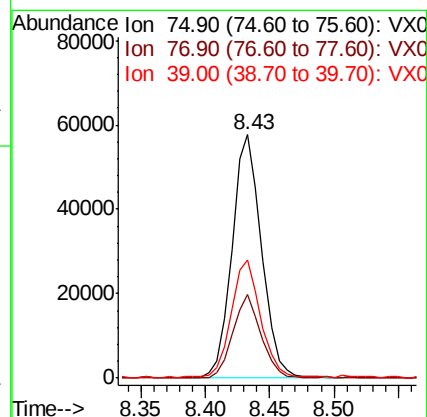
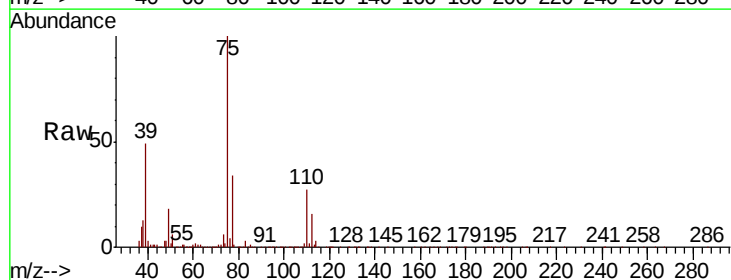
Tgt Ion: 75 Resp: 92007

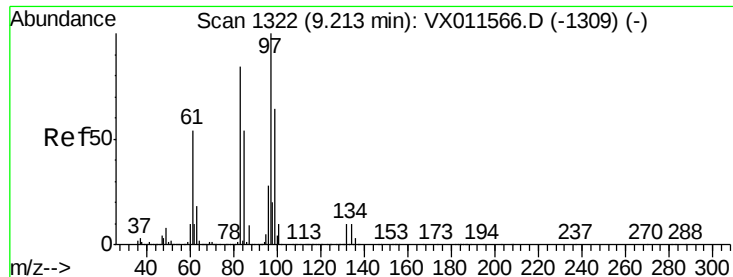
Ion Ratio Lower Upper

75 100

77 33.9 25.5 38.3

39 48.2 33.6 50.4

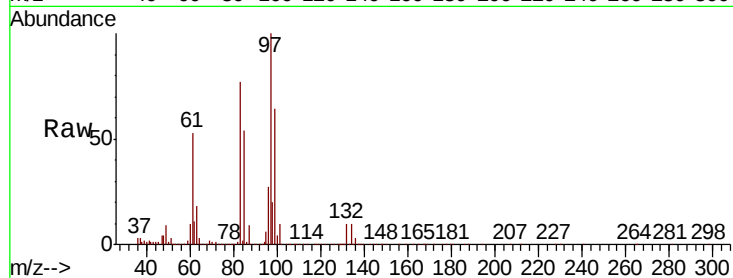




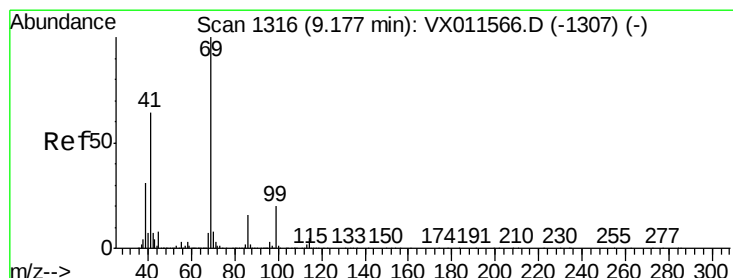
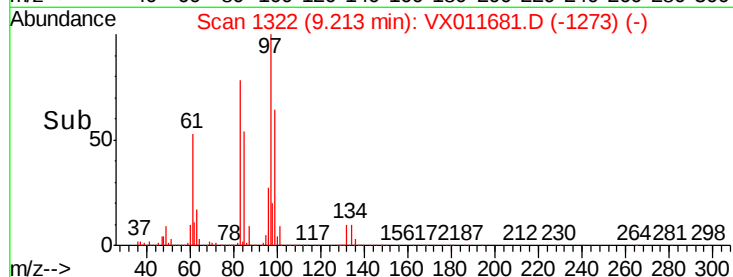
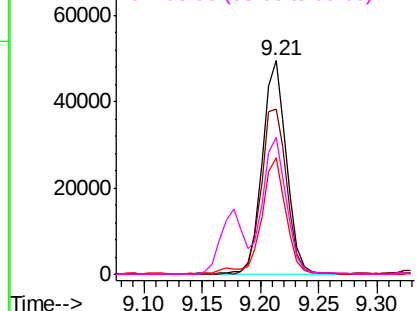
#55
 1,1,2-Trichloroethane
 Concen: 20.558 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

Tgt Ion:	97	Resp:	71825
Ion	Ratio	Lower	Upper
97	100		
83	77.2	67.4	101.0
85	54.1	43.4	65.2
99	63.9	51.1	76.7

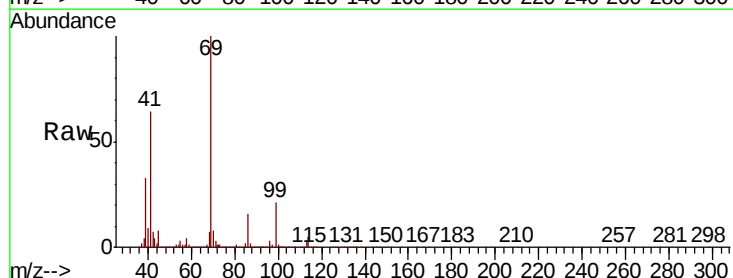


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

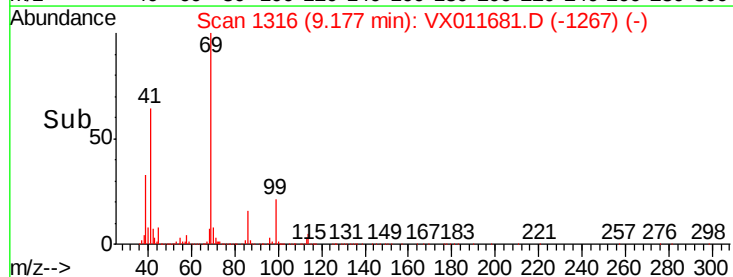
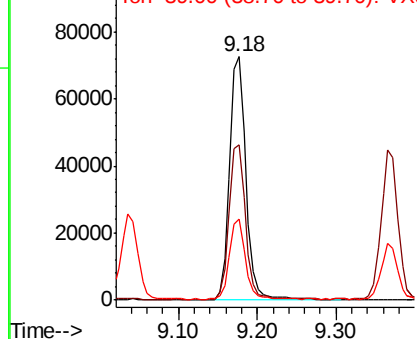


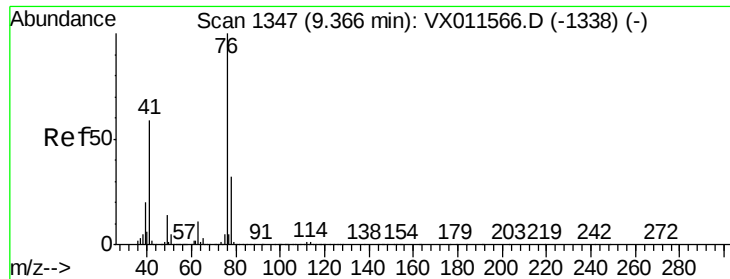
#56
 Ethyl methacrylate
 Concen: 20.458 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

Tgt Ion:	69	Resp:	103883
Ion	Ratio	Lower	Upper
69	100		
41	63.9	52.1	78.1
39	32.5	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: 20.375 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

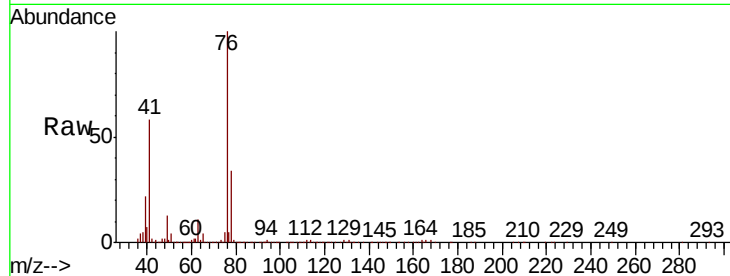
VX0820WBS01

Tgt Ion: 76 Resp: 113153

Ion Ratio Lower Upper

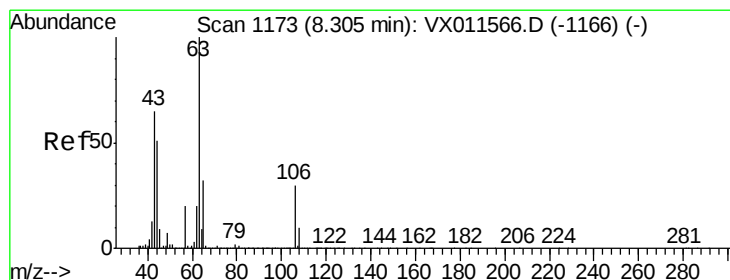
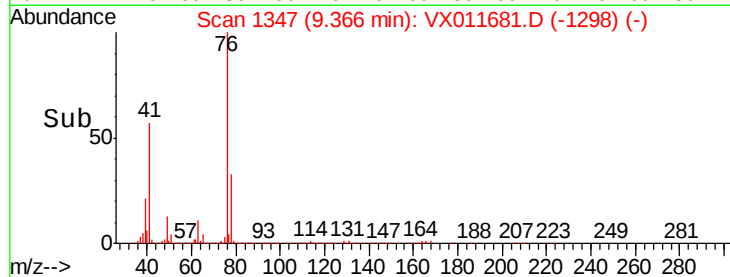
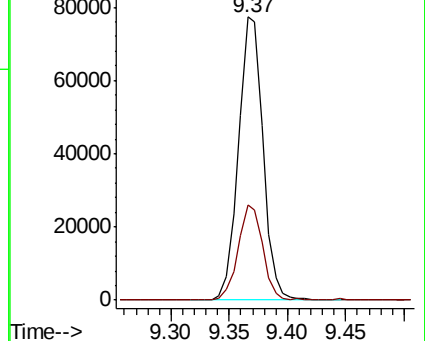
76 100

78 34.3 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.444 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011681.D

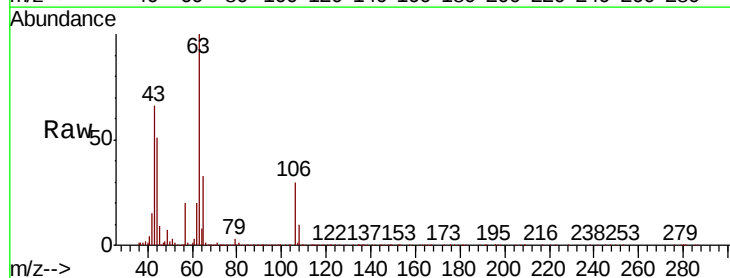
Acq: 20 Aug 2019 13:51

Tgt Ion: 63 Resp: 249078

Ion Ratio Lower Upper

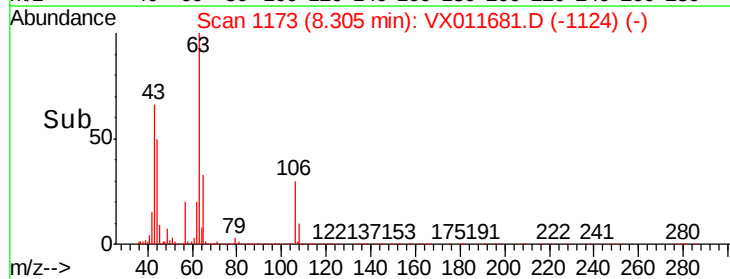
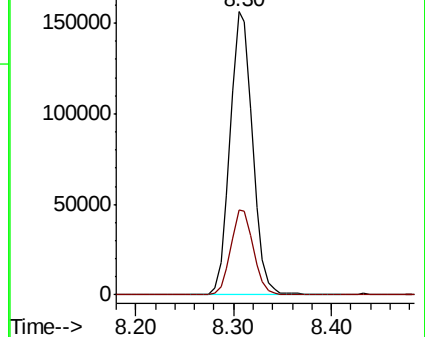
63 100

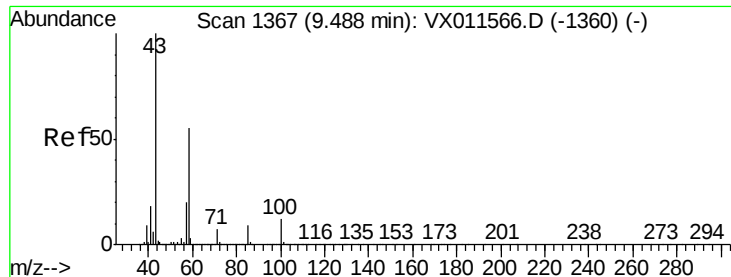
106 30.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

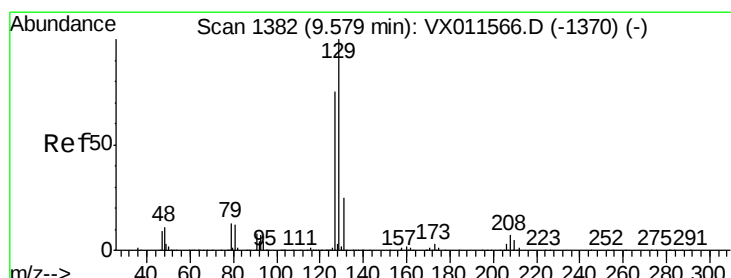
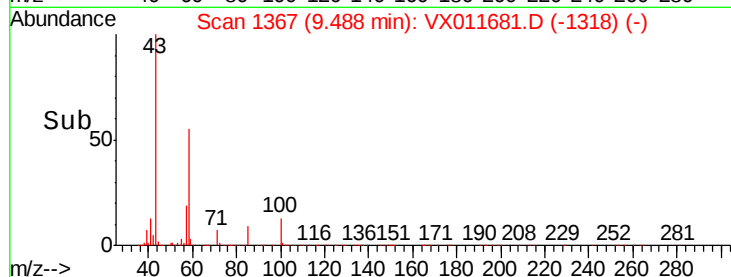
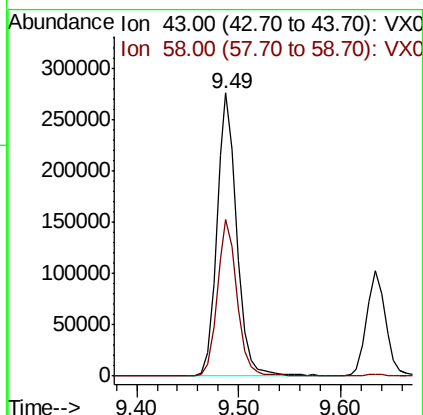
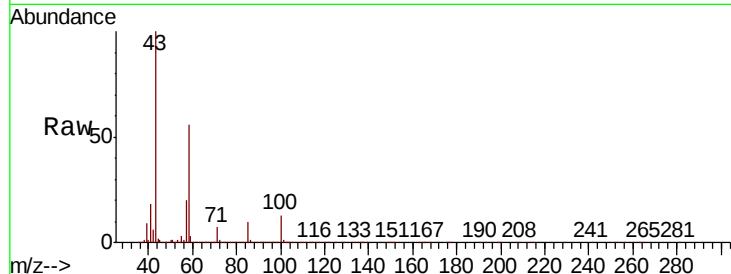




#59
2-Hexanone
Concen: 100.156 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

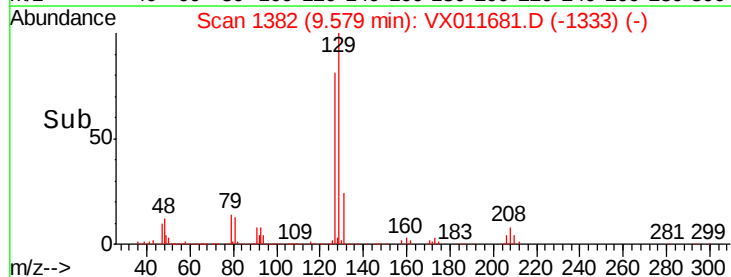
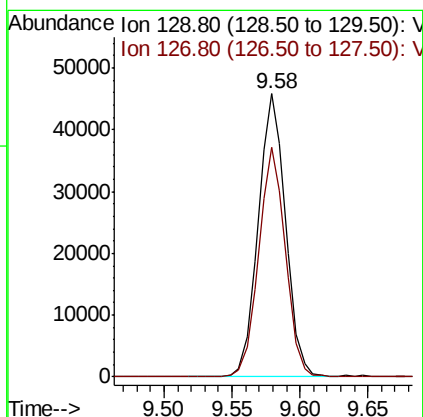
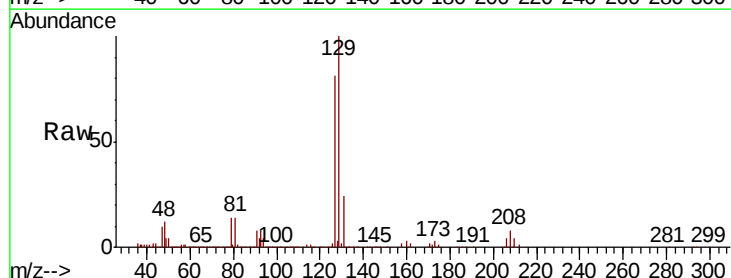
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

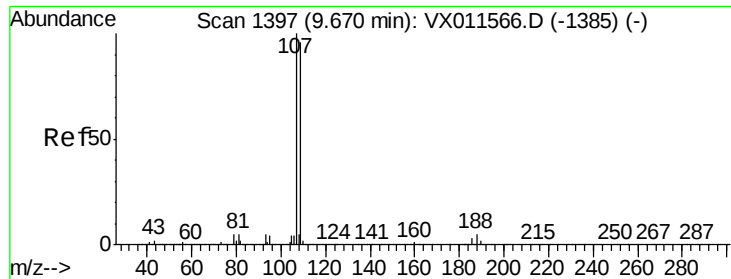
Tgt Ion: 43 Resp: 376568
Ion Ratio Lower Upper
43 100
58 55.7 27.5 82.4



#60
Dibromochloromethane
Concen: 17.888 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Tgt Ion: 129 Resp: 65113
Ion Ratio Lower Upper
129 100
127 79.0 38.0 114.1





#61

1,2-Dibromoethane

Concen: 20.247 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

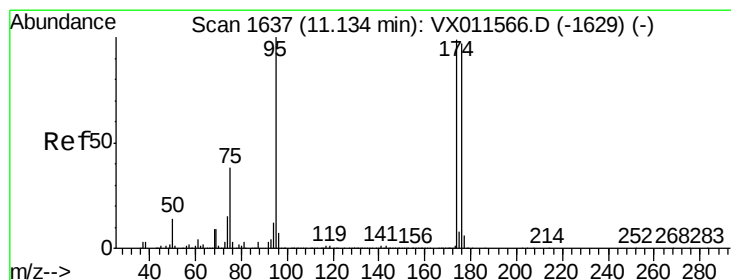
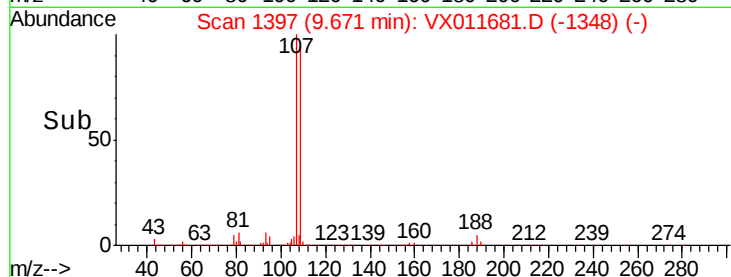
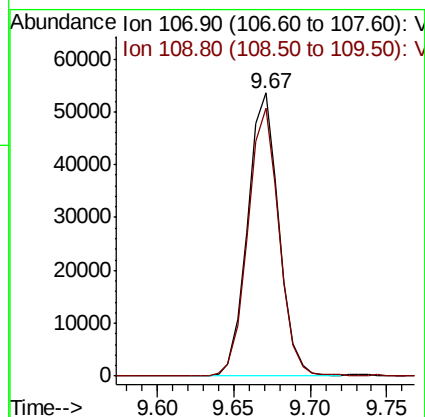
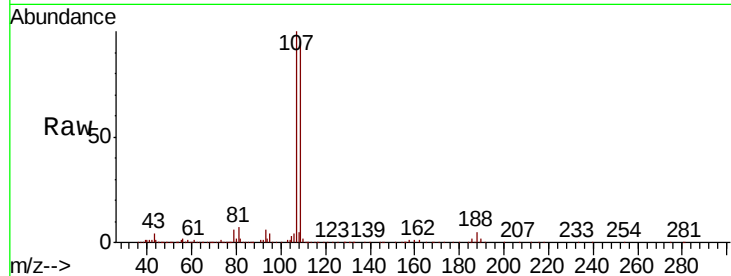
VX0820WBS01

Tgt Ion: 107 Resp: 75495

Ion Ratio Lower Upper

107 100

109 95.6 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 46.142 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

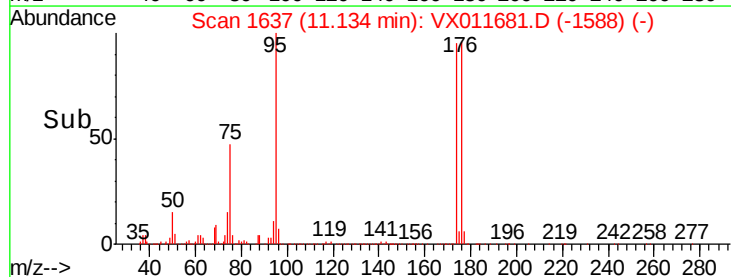
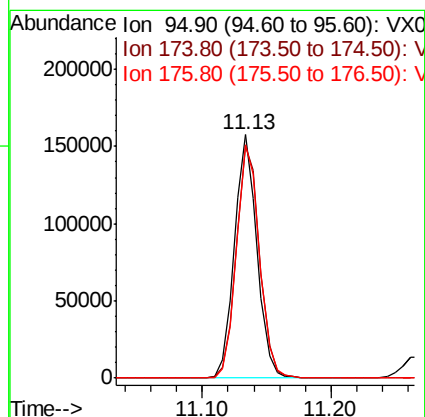
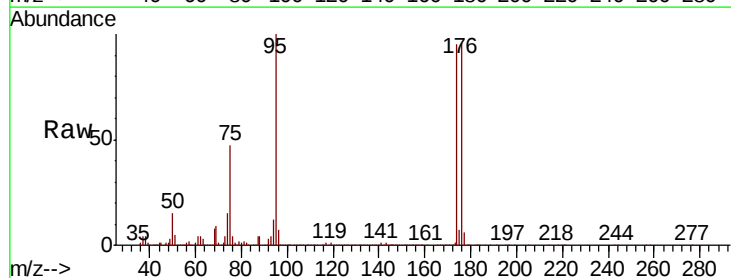
Tgt Ion: 95 Resp: 192646

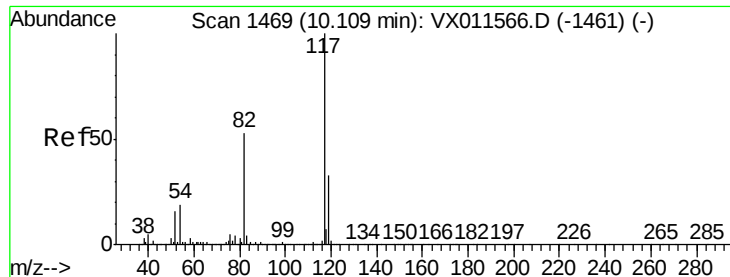
Ion Ratio Lower Upper

95 100

174 98.9 0.0 200.6

176 98.1 0.0 196.6

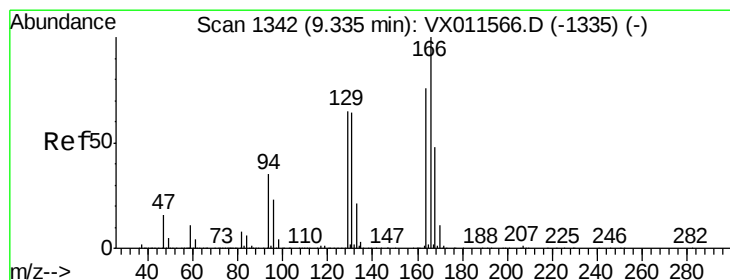
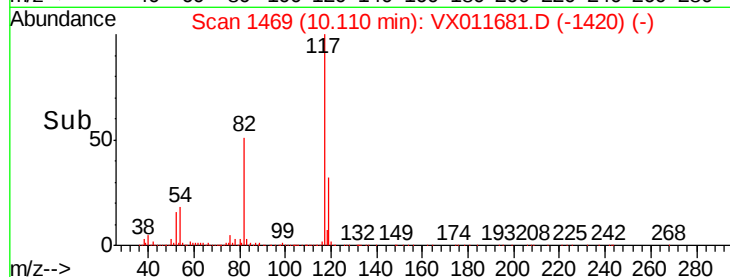
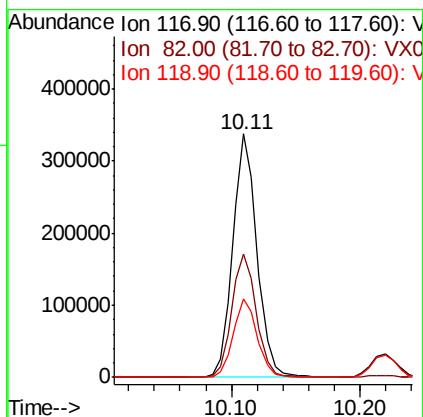
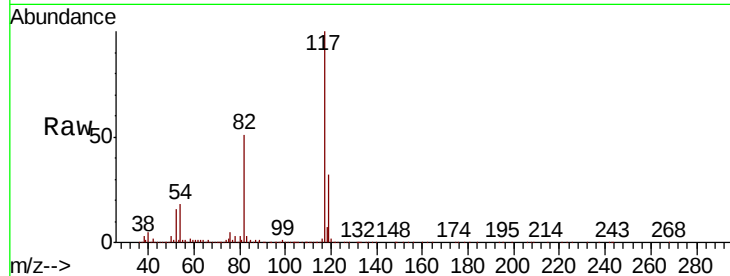




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

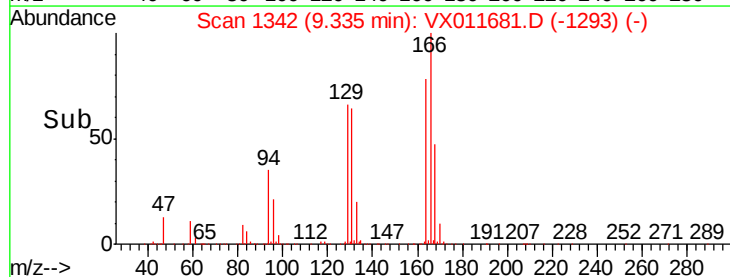
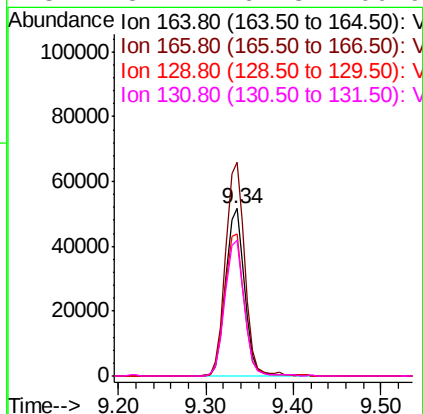
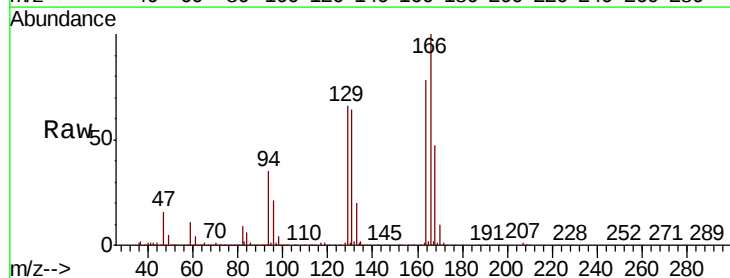
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

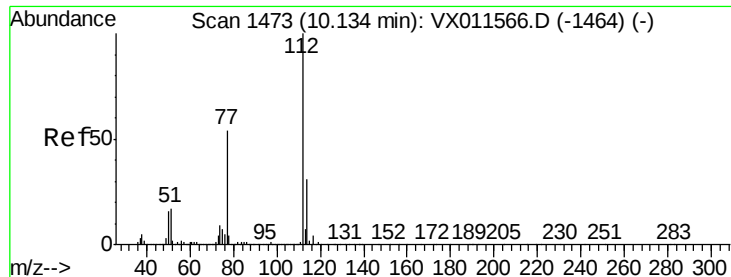
Tgt Ion:117 Resp: 441750
Ion Ratio Lower Upper
117 100
82 50.9 42.0 63.0
119 32.1 26.5 39.7



#64
Tetrachloroethene
Concen: 21.346 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Tgt Ion:164 Resp: 77367
Ion Ratio Lower Upper
164 100
166 127.7 104.7 157.1
129 84.7 68.2 102.4
131 81.1 67.3 100.9





#65

Chlorobenzene

Concen: 20.409 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

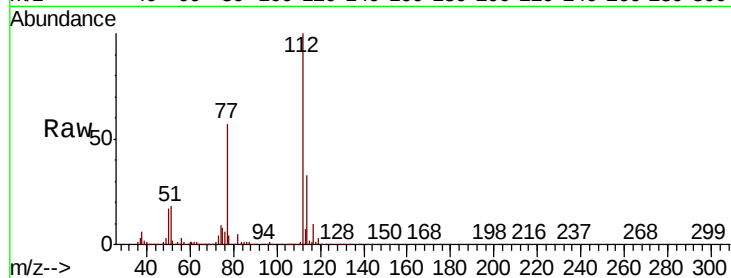
VX0820WBS01

Tgt Ion:112 Resp: 192294

Ion Ratio Lower Upper

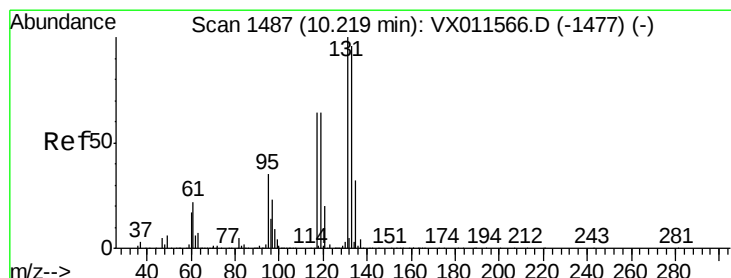
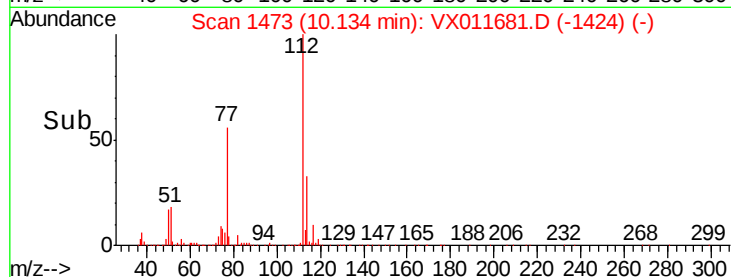
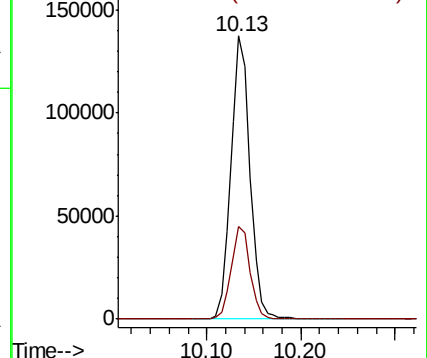
112 100

114 32.6 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.776 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

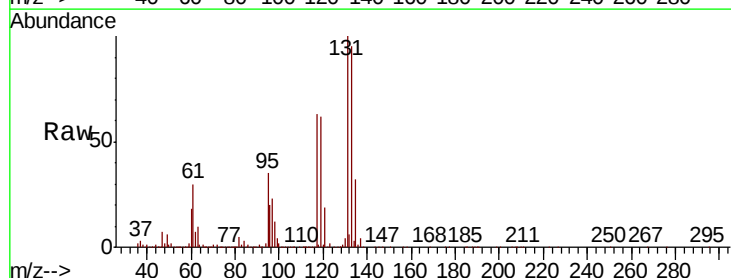
Tgt Ion:131 Resp: 69644

Ion Ratio Lower Upper

131 100

133 94.3 48.1 144.4

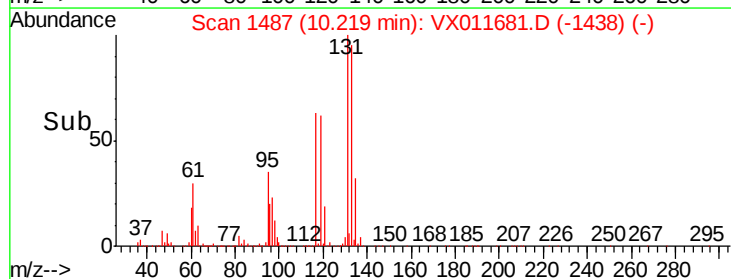
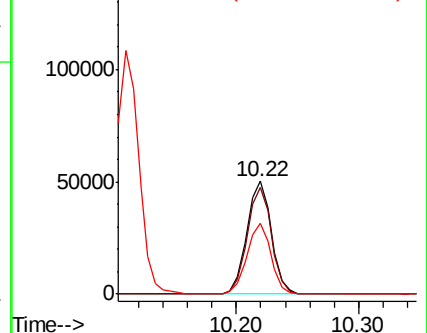
119 60.7 31.3 93.8

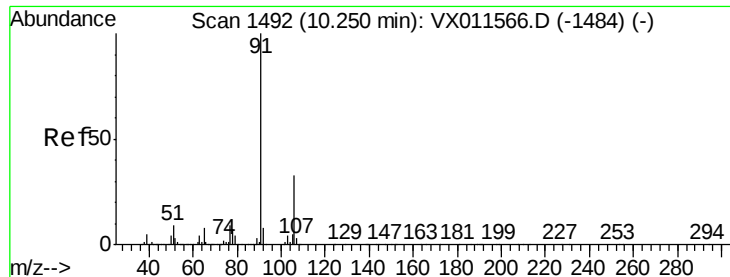


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.811 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

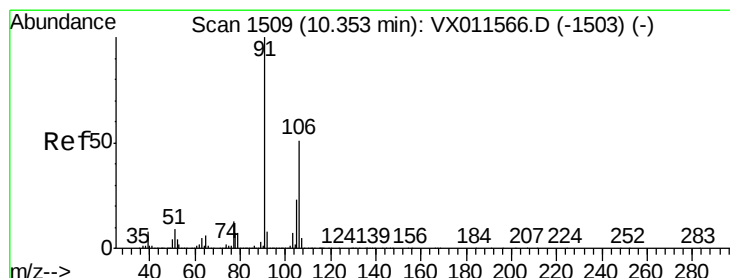
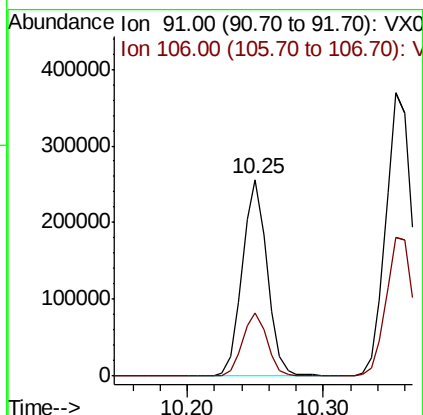
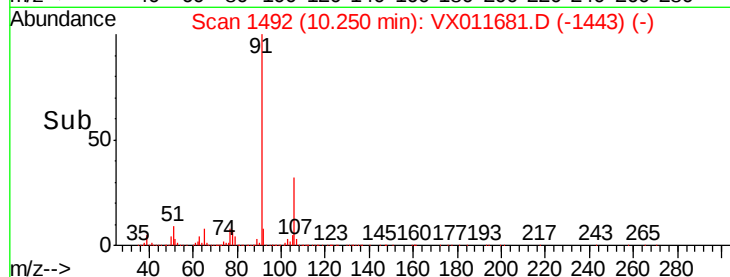
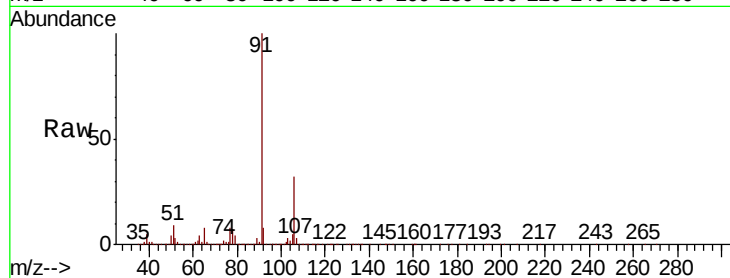
VX0820WBS01

Tgt Ion: 91 Resp: 327250

Ion Ratio Lower Upper

91 100

106 32.3 26.0 39.0



#68

m/p-Xylenes

Concen: 42.035 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011681.D

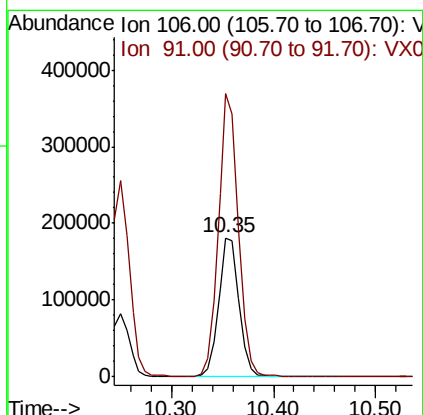
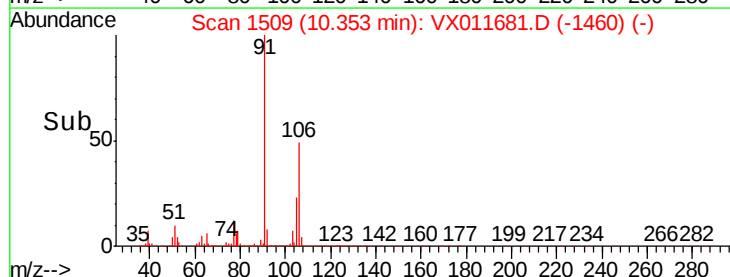
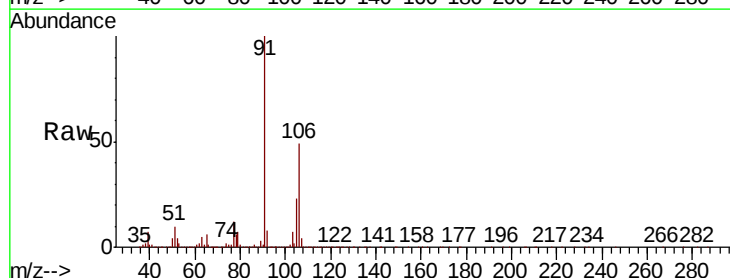
Acq: 20 Aug 2019 13:51

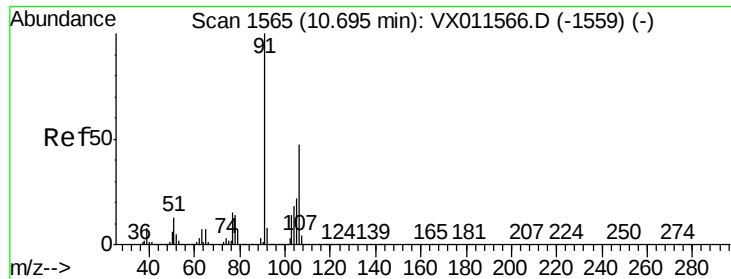
Tgt Ion: 106 Resp: 253721

Ion Ratio Lower Upper

106 100

91 199.1 156.0 234.0

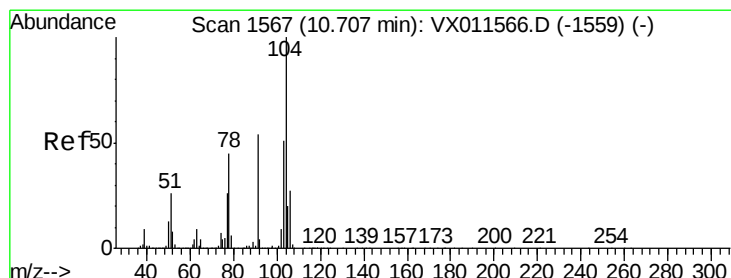
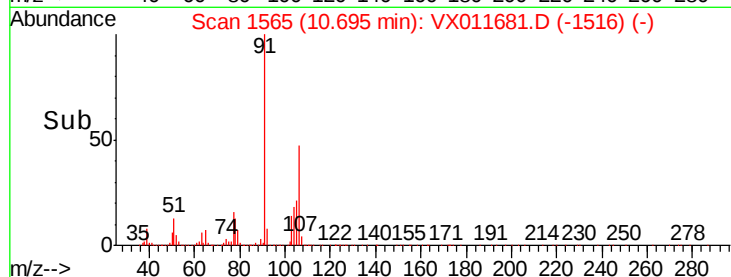
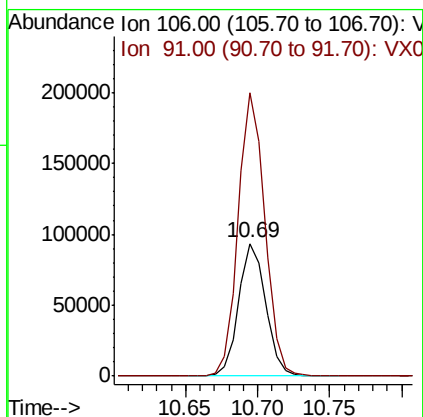
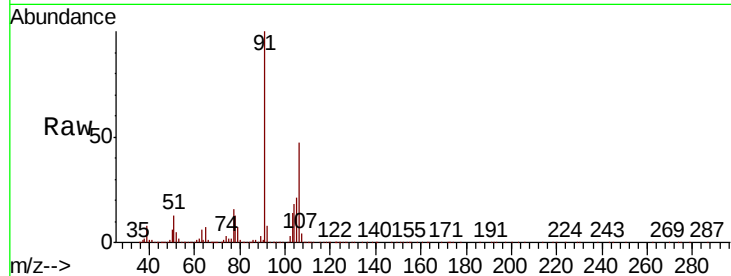




#69
o-Xylene
Concen: 20.752 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

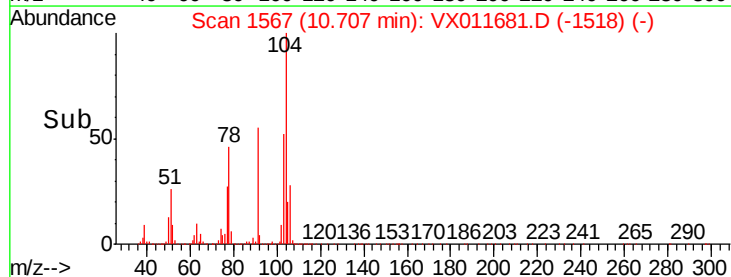
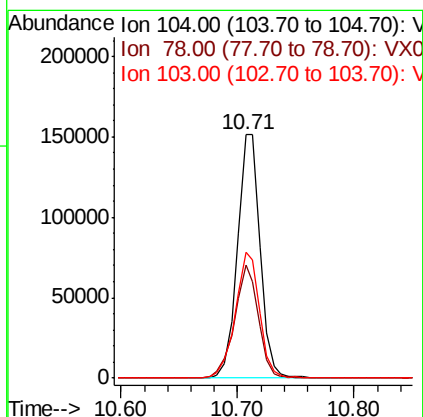
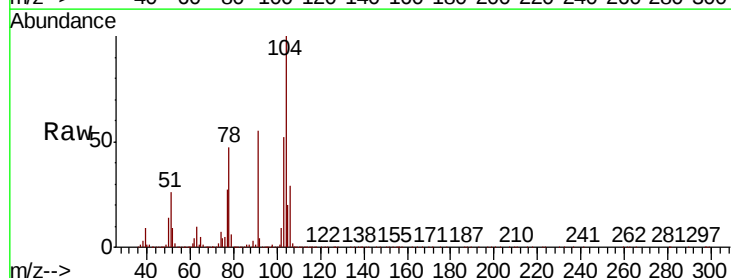
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

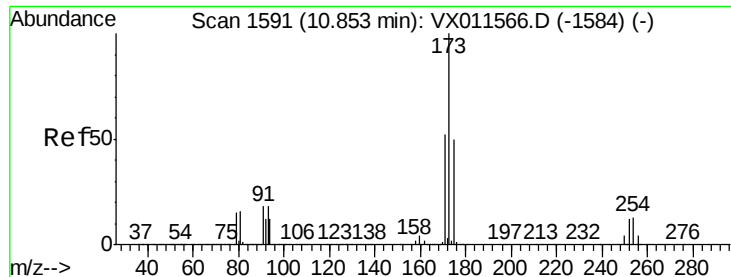
Tgt Ion:106 Resp: 122693
Ion Ratio Lower Upper
106 100
91 210.0 105.5 316.4



#70
Styrene
Concen: 20.684 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Tgt Ion:104 Resp: 205866
Ion Ratio Lower Upper
104 100
78 48.6 38.2 57.4
103 55.4 43.6 65.4





#71

Bromoform

Concen: 16.530 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

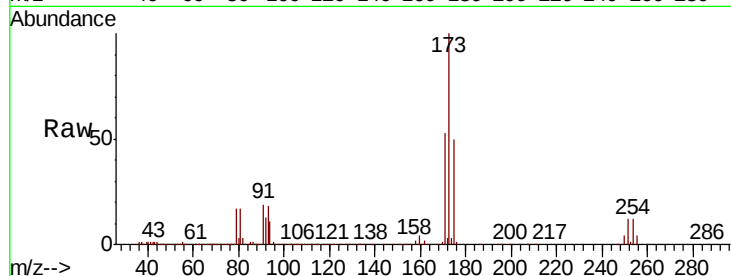
Tgt Ion:173 Resp: 48499

Ion Ratio Lower Upper

173 100

175 49.6 24.9 74.7

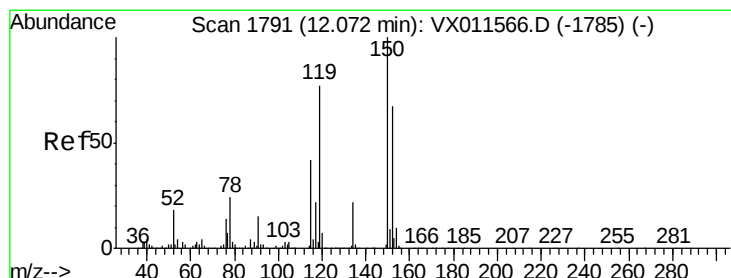
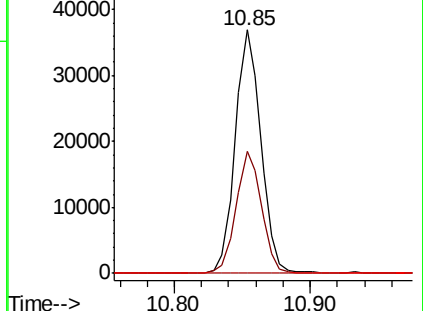
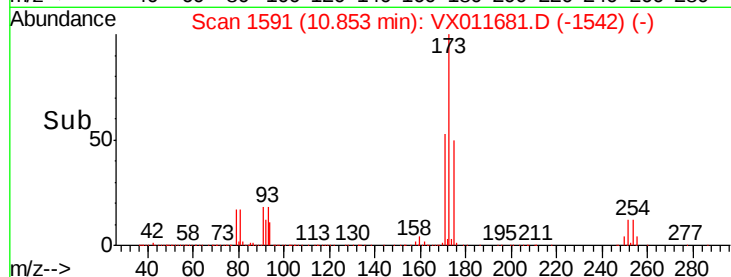
254 0.3 0.1 0.1#



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: VX011681.D

Acq: 20 Aug 2019 13:51

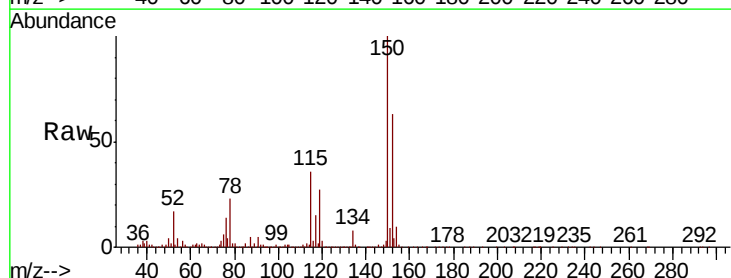
Tgt Ion:152 Resp: 237643

Ion Ratio Lower Upper

152 100

115 62.8 37.3 111.9

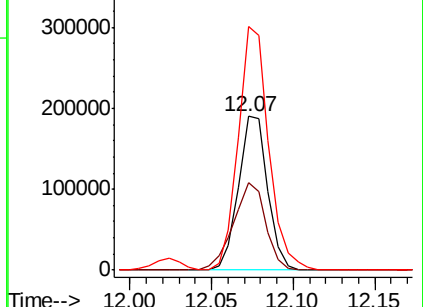
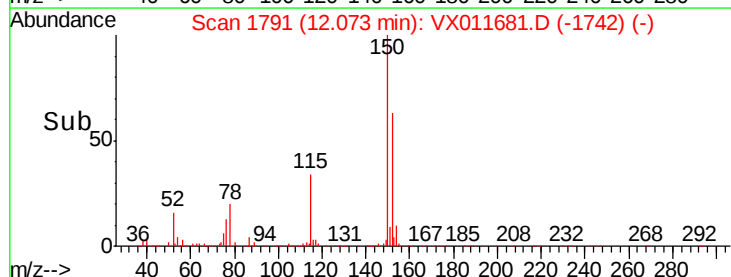
150 164.5 0.0 346.2

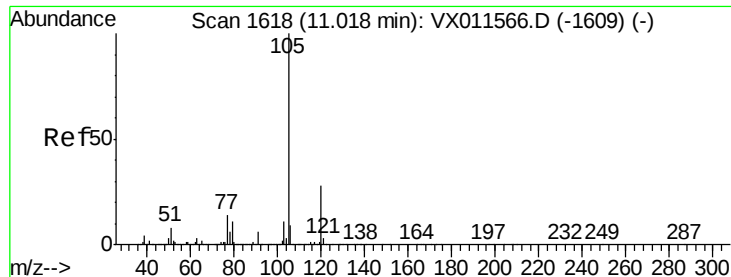


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.606 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

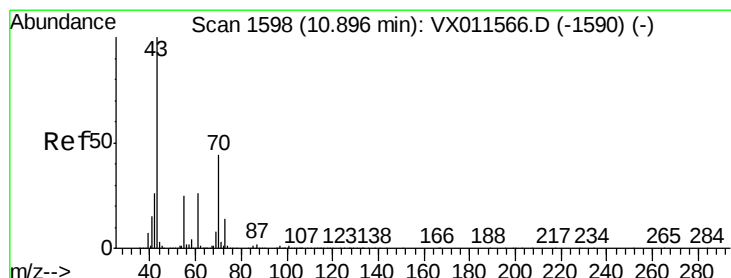
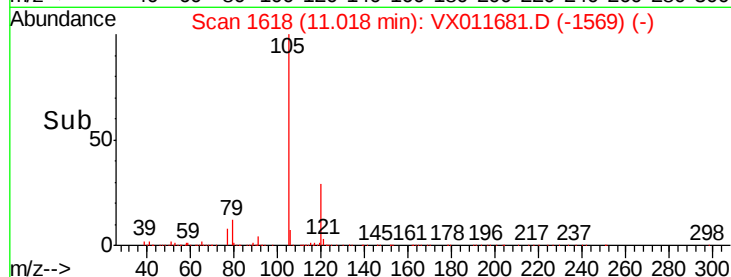
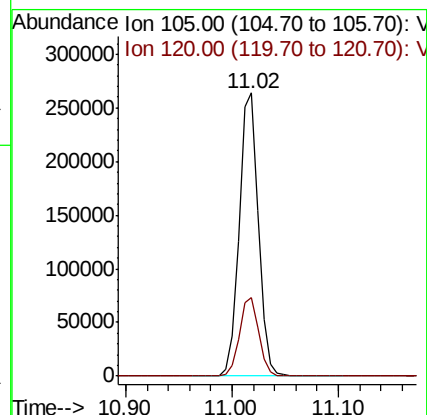
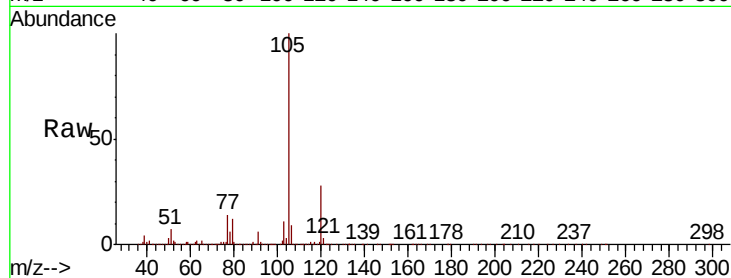
VX0820WBS01

Tgt Ion: 105 Resp: 333179

Ion Ratio Lower Upper

105 100

120 28.0 14.0 41.9



#74

N-ethyl acetate

Concen: 19.533 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Tgt Ion: 43 Resp: 127999

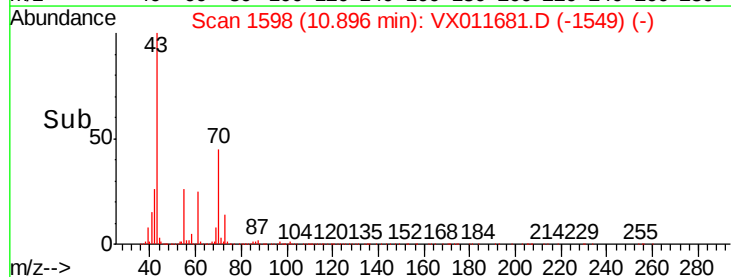
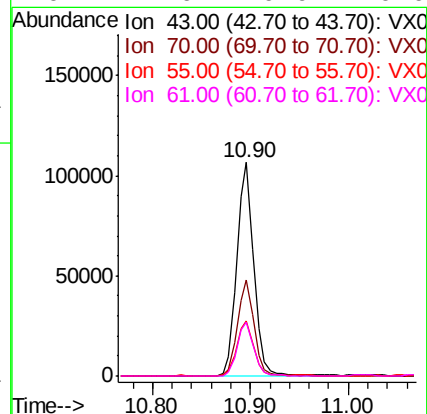
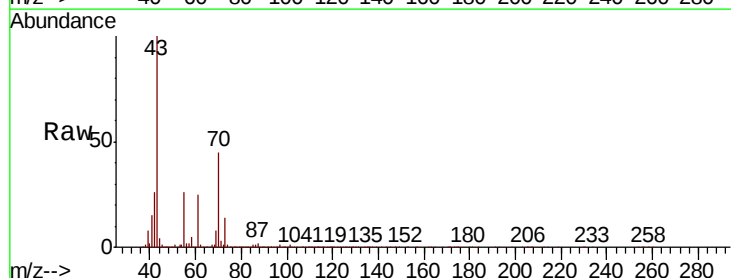
Ion Ratio Lower Upper

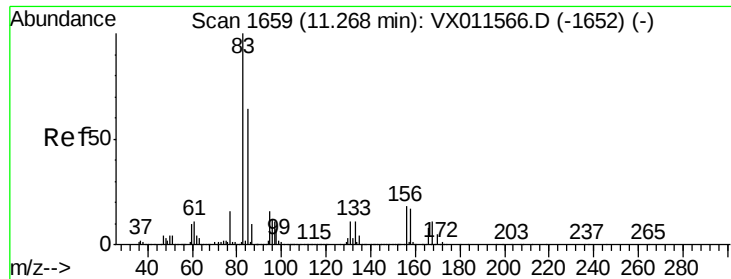
43 100

70 44.2 34.7 52.1

55 25.8 19.6 29.4

61 24.6 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.938 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampled :

VX0820WBS01

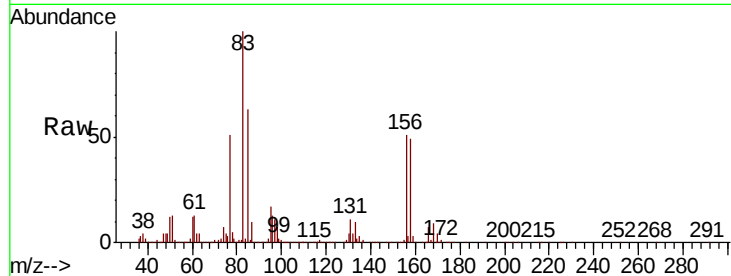
Tgt Ion: 83 Resp: 105762

Ion Ratio Lower Upper

83 100

131 12.1 5.8 17.3

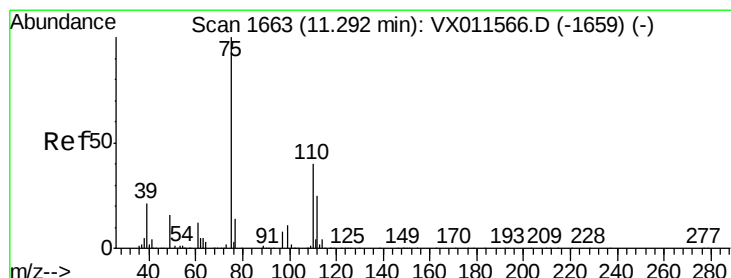
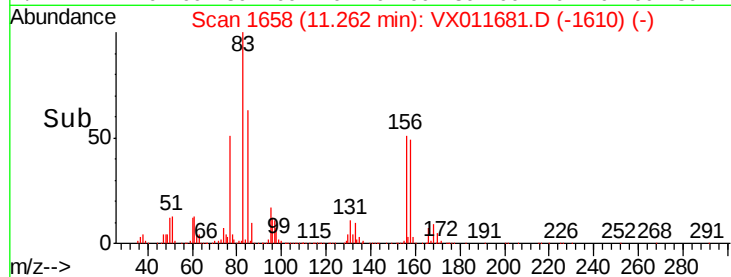
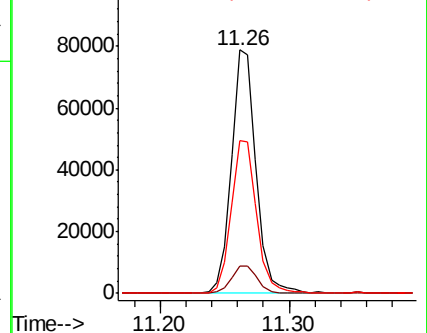
85 64.5 31.9 95.9



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: 25.550 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011681.D

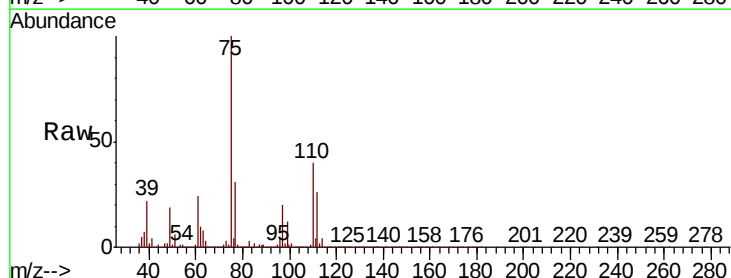
Acq: 20 Aug 2019 13:51

Tgt Ion: 75 Resp: 115133

Ion Ratio Lower Upper

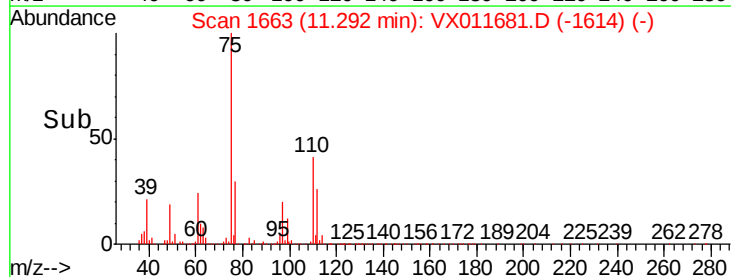
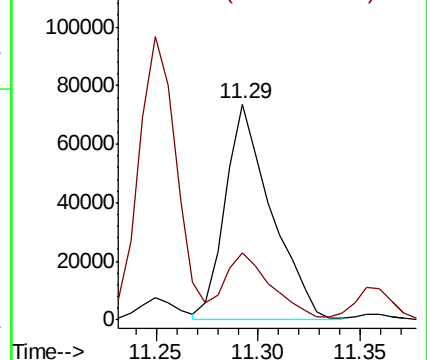
75 100

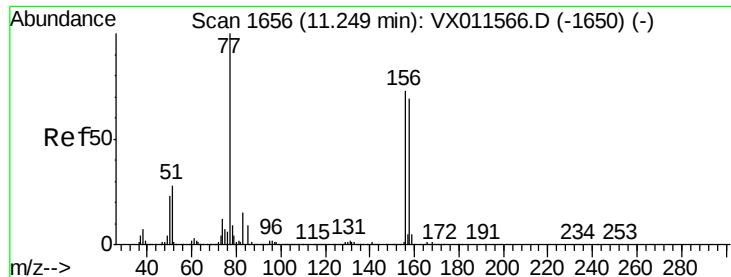
77 31.6 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.879 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

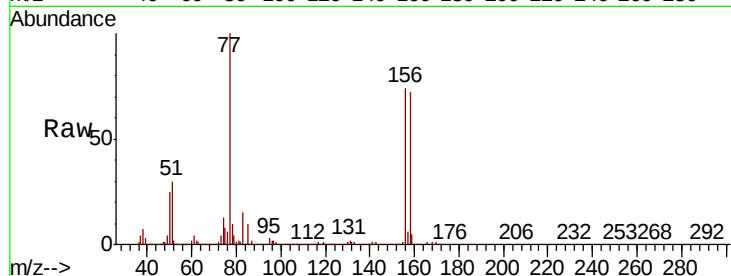
Tgt Ion:156 Resp: 95789

Ion Ratio Lower Upper

156 100

77 129.3 64.6 193.9

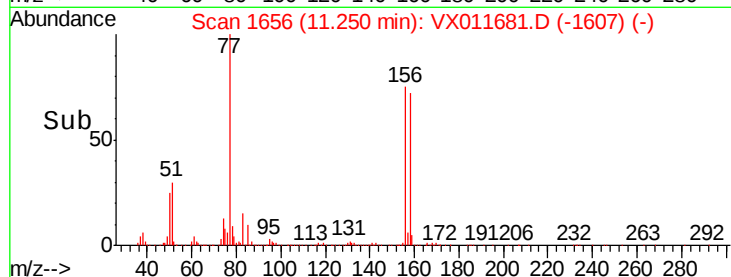
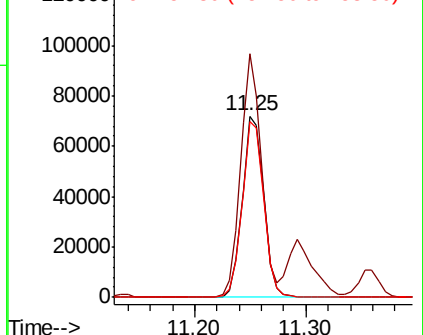
158 97.7 48.4 145.3



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: 21.665 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011681.D

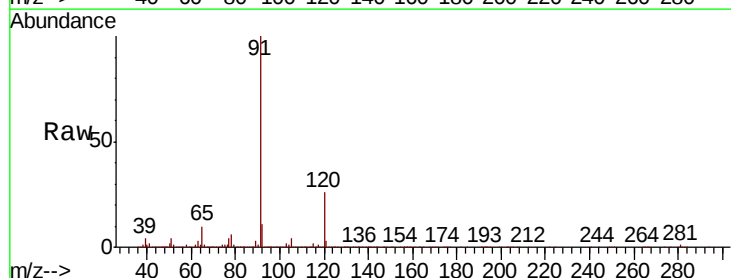
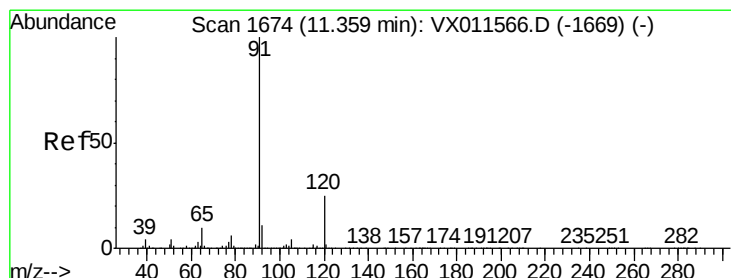
Acq: 20 Aug 2019 13:51

Tgt Ion: 91 Resp: 360235

Ion Ratio Lower Upper

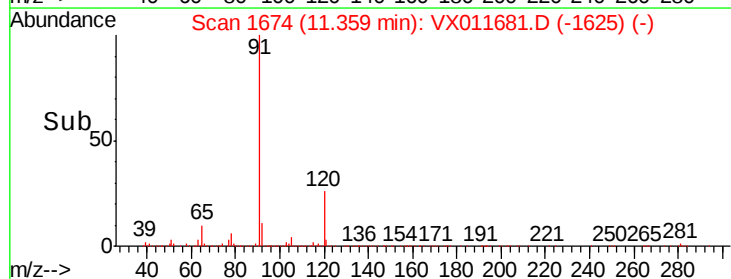
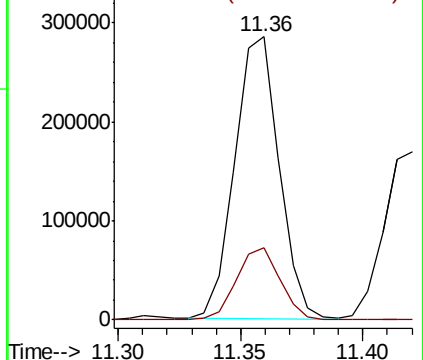
91 100

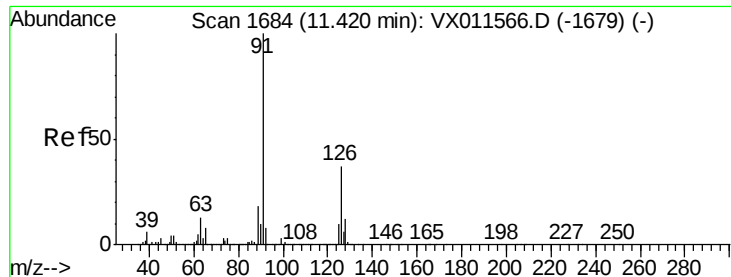
120 25.2 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

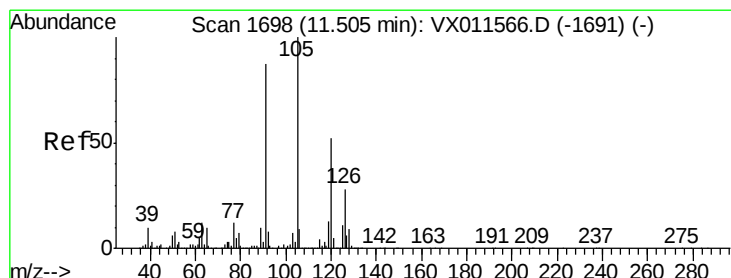
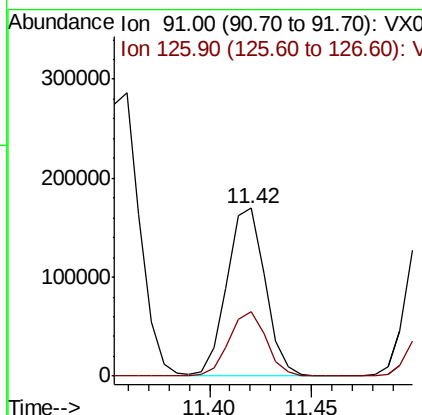
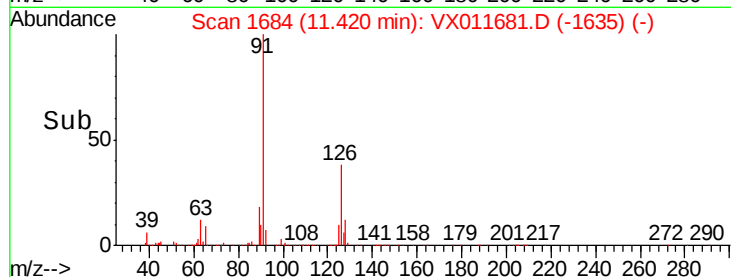
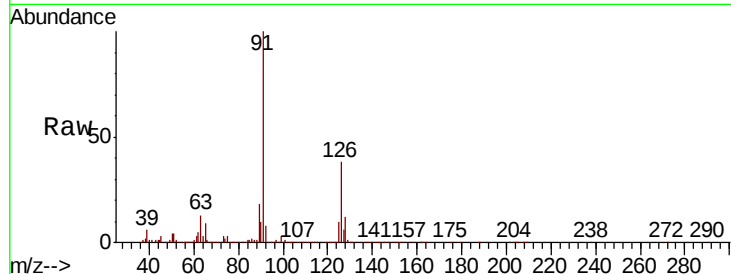




#79
 2-Chlorotoluene
 Concen: 21.429 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

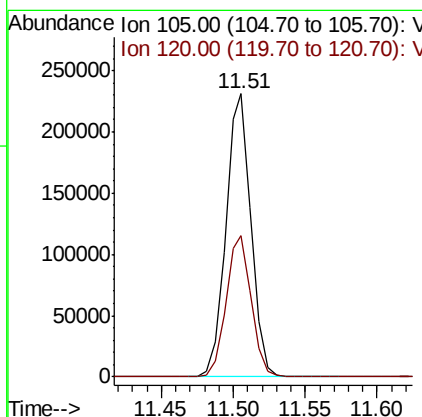
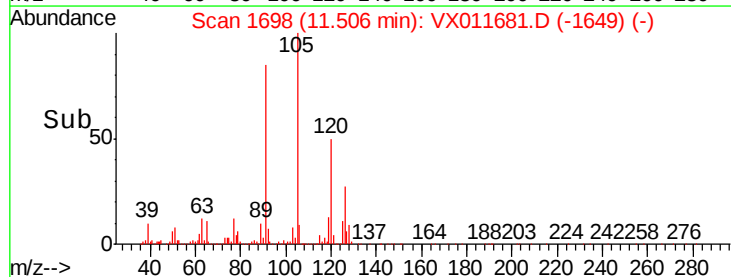
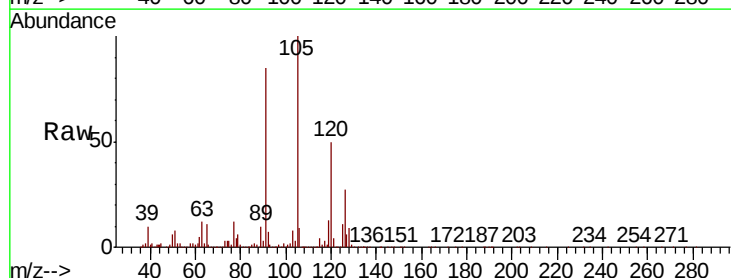
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

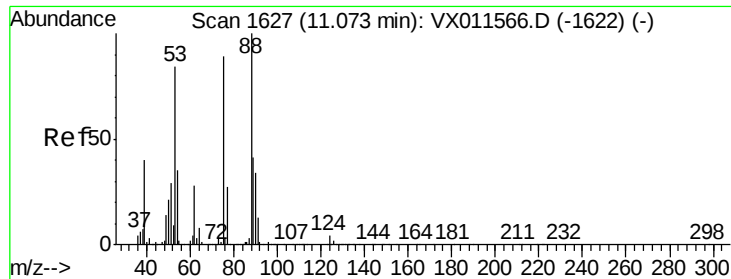
Tgt Ion: 91 Resp: 218799
 Ion Ratio Lower Upper
 91 100
 126 37.5 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.790 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

Tgt Ion: 105 Resp: 282256
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.3 75.8

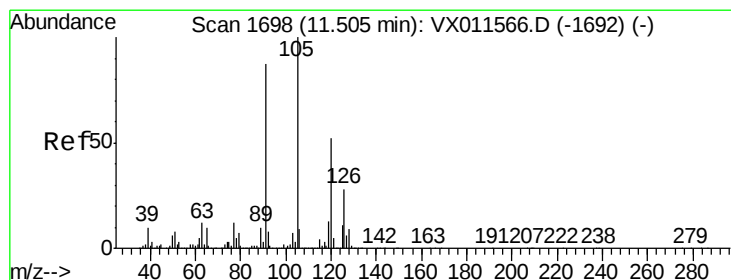
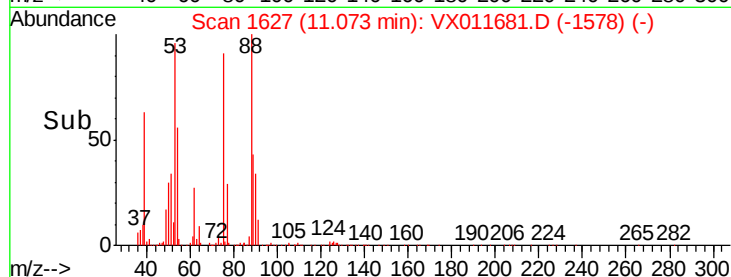
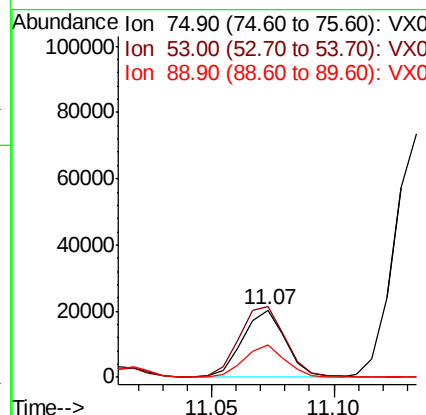
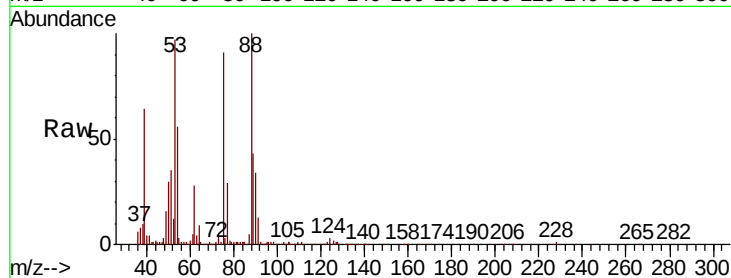




#81
trans-1,4-Dichloro-2-butene
Concen: 17.946 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

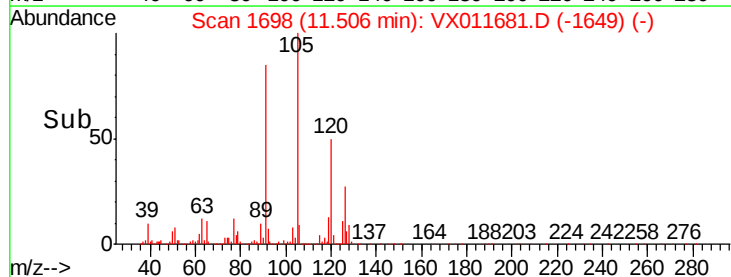
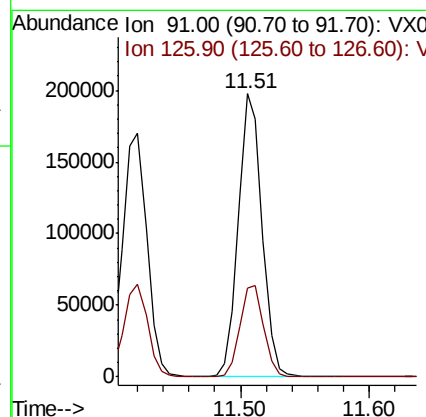
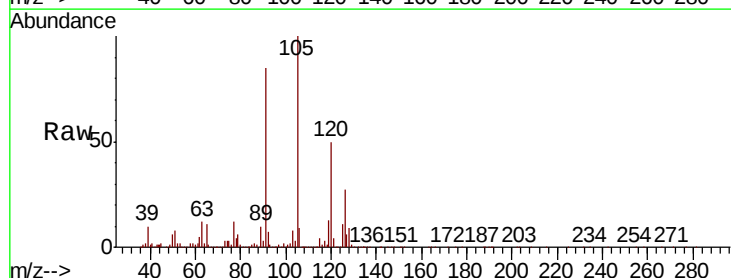
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

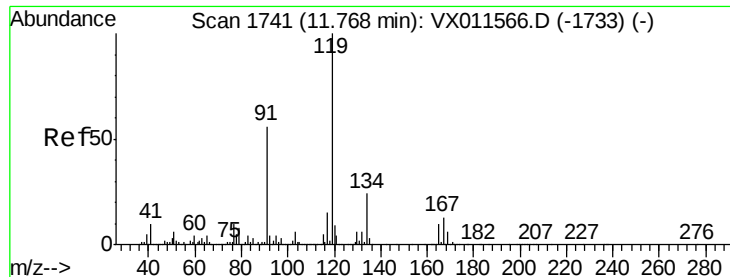
Tgt Ion: 75 Resp: 24598
Ion Ratio Lower Upper
75 100
53 114.0 77.4 116.0
89 46.4 37.3 55.9



#82
4-Chlorotoluene
Concen: 21.334 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Tgt Ion: 91 Resp: 252710
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1

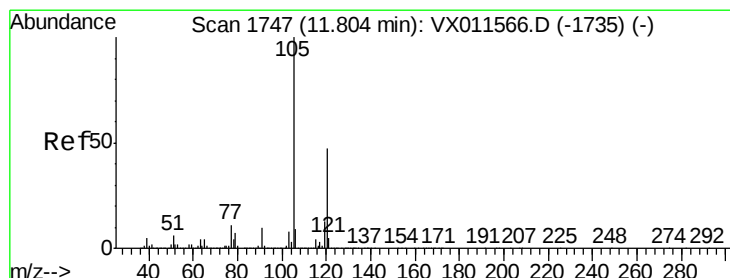
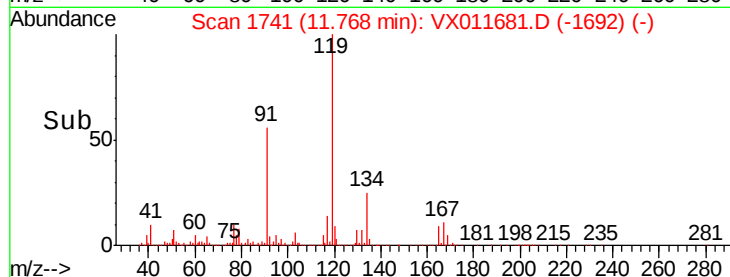
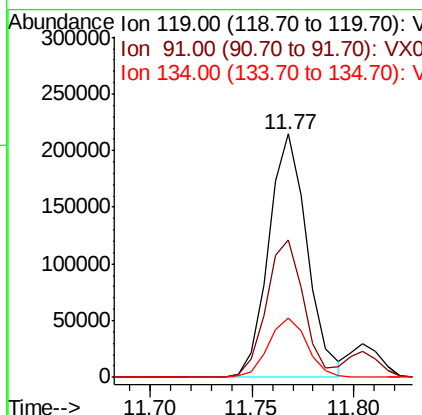
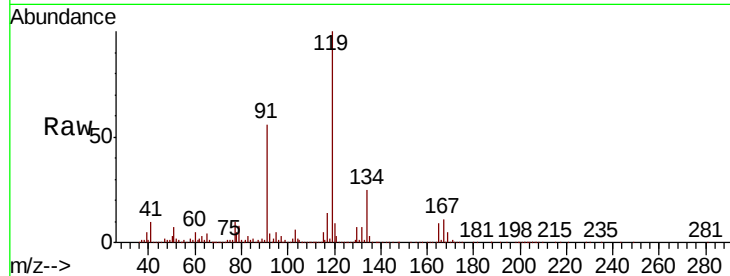




#83
 tert-Butylbenzene
 Concen: 21.381 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

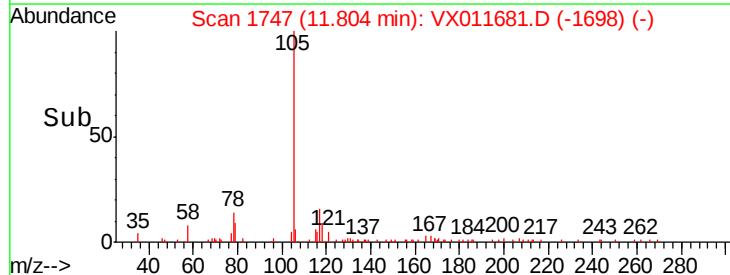
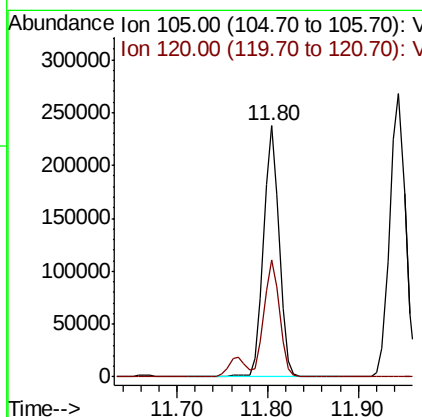
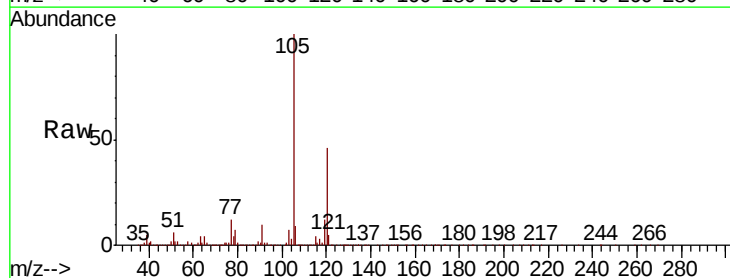
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

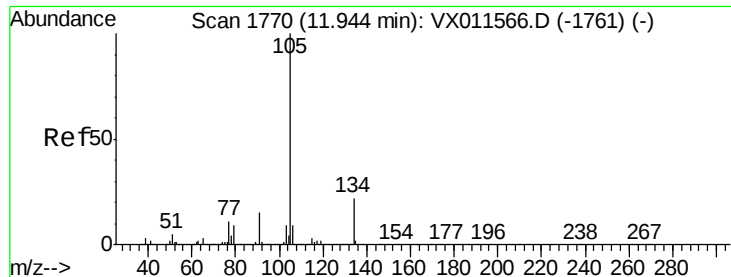
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.5	27.1	81.3
134	24.7	11.8	35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.790 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.3	69.9





#85

sec-Butylbenzene

Concen: 21.706 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

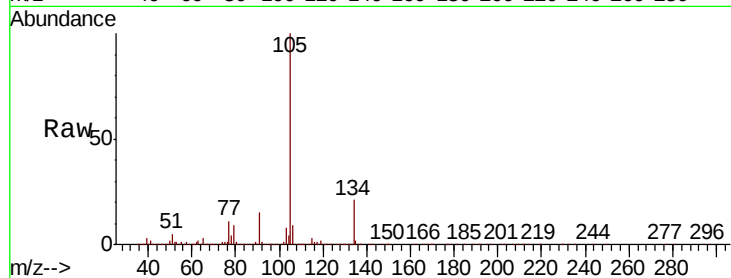
VX0820WBS01

Tgt Ion:105 Resp: 323095

Ion Ratio Lower Upper

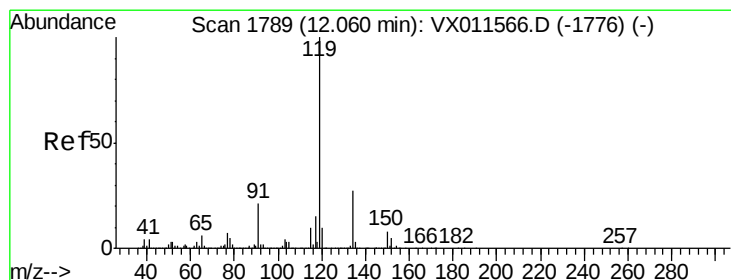
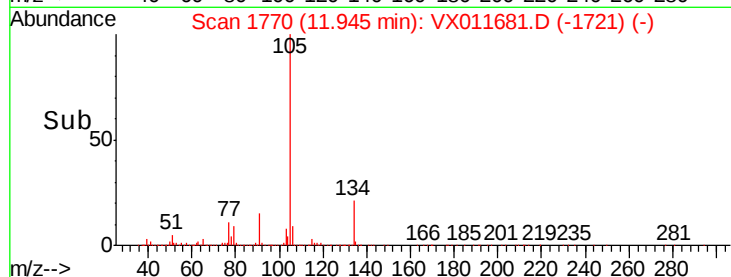
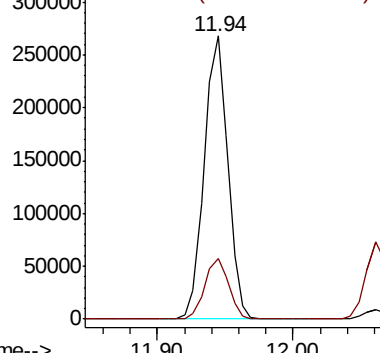
105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.887 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011681.D

Acq: 20 Aug 2019 13:51

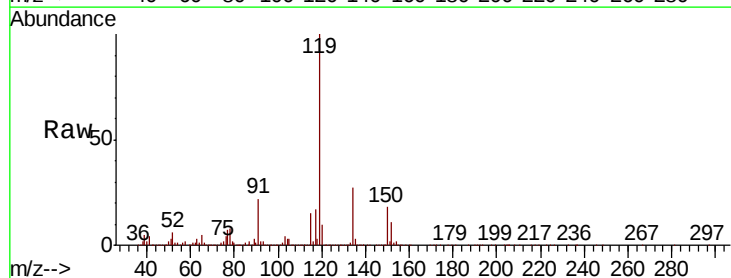
Tgt Ion:119 Resp: 306482

Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.8

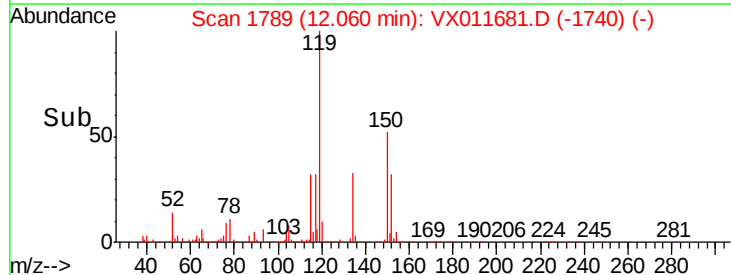
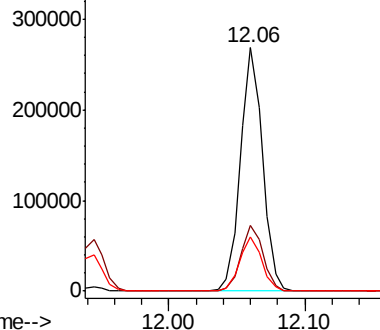
91 22.4 10.9 32.9

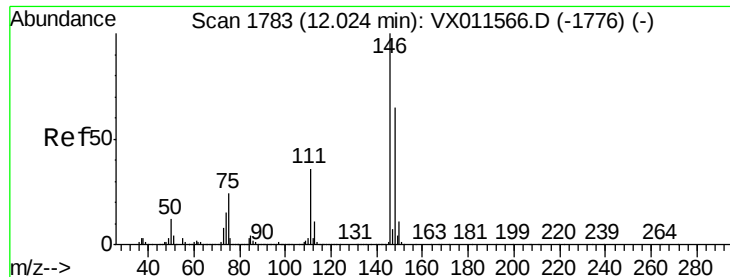


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

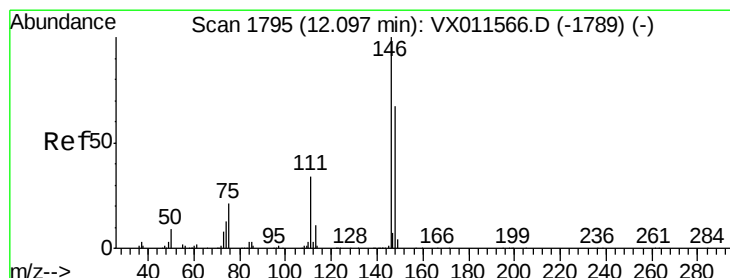
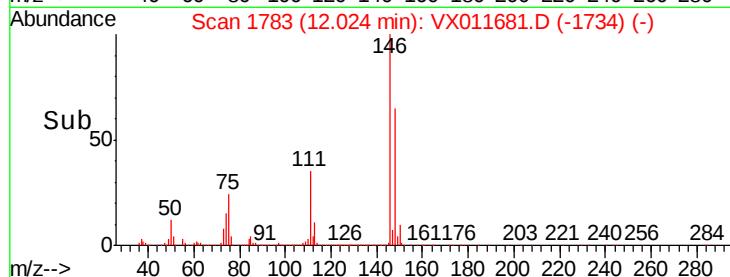
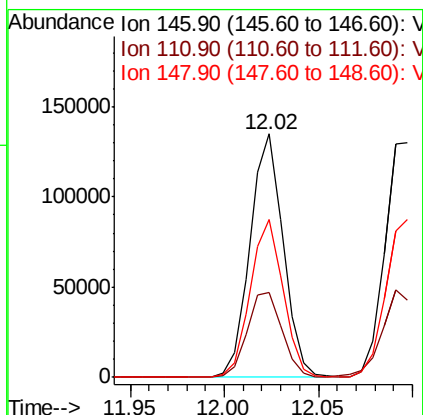
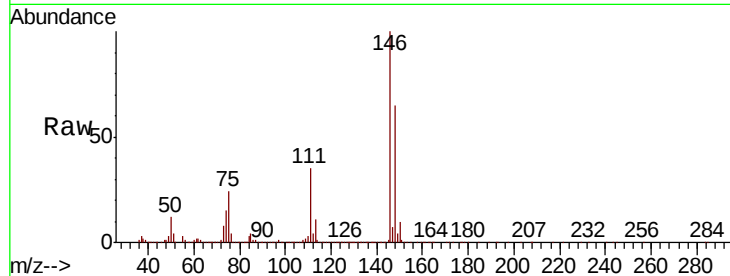




#87
 1,3-Dichlorobenzene
 Concen: 20.908 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

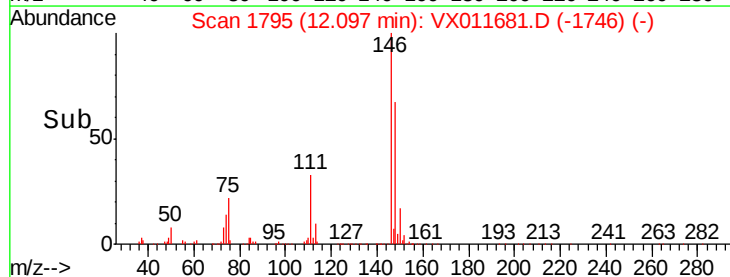
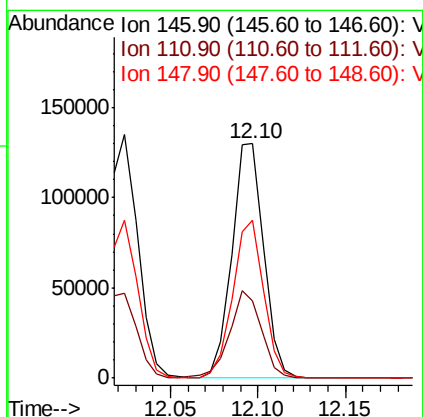
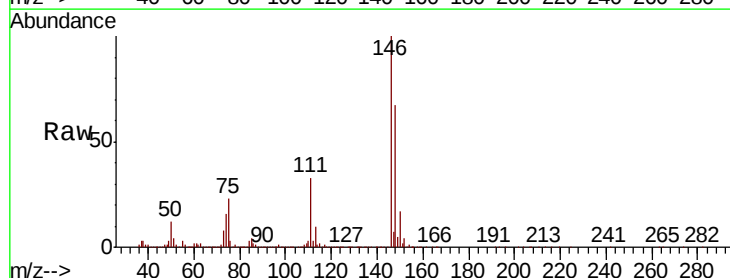
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

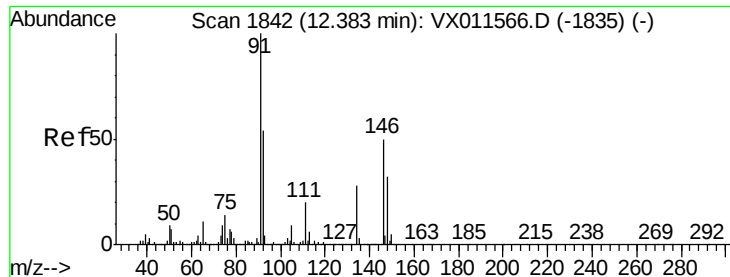
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.4
148	64.3	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.520 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	17.9	53.7
148	65.7	32.5	97.5

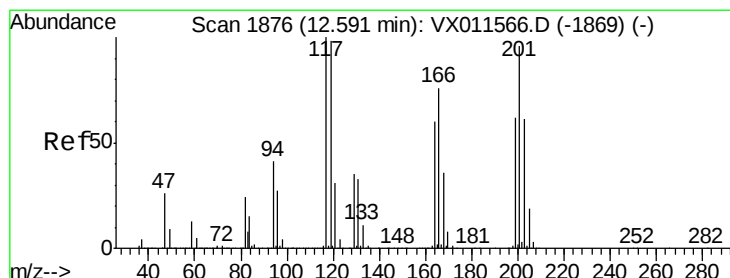
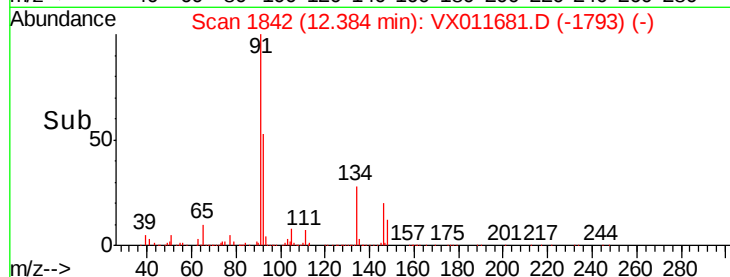
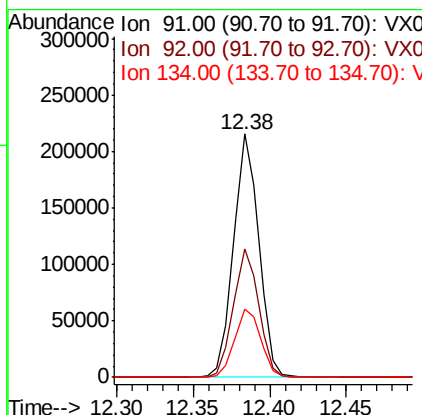
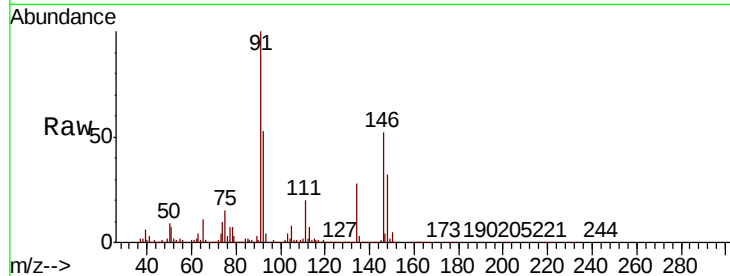




#89
n-Butylbenzene
Concen: 21.390 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

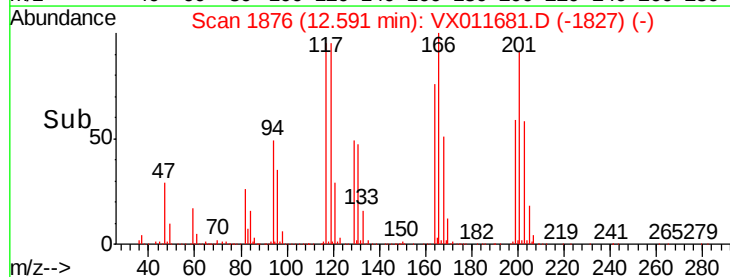
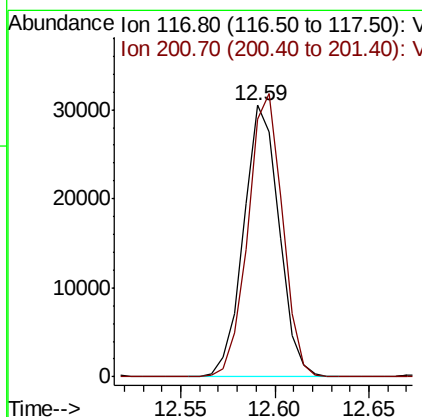
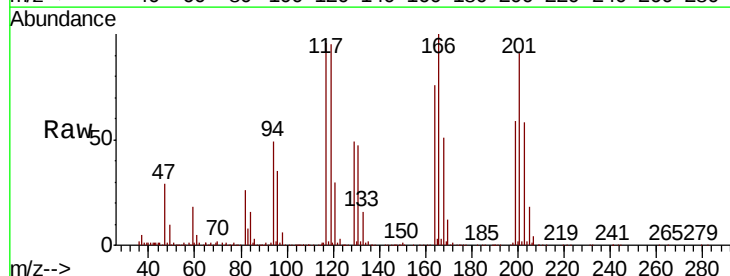
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

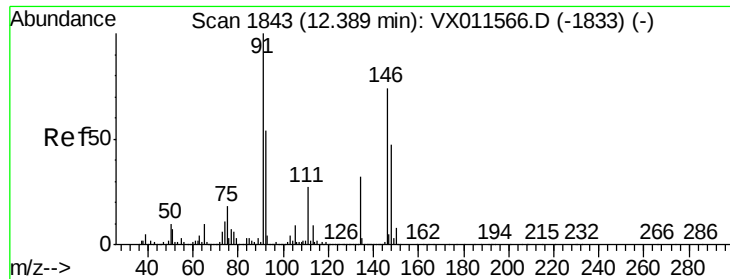
Tgt Ion: 91 Resp: 246248
Ion Ratio Lower Upper
91 100
92 53.1 26.8 80.3
134 29.1 14.6 44.0



#90
Hexachloroethane
Concen: 18.084 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Tgt Ion: 117 Resp: 39989
Ion Ratio Lower Upper
117 100
201 101.1 51.9 155.7

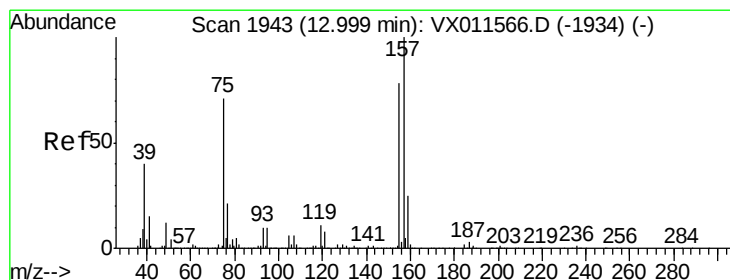
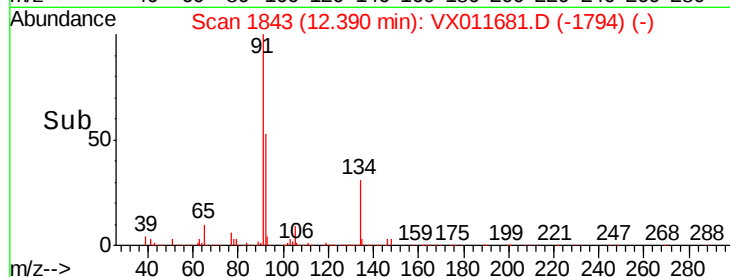
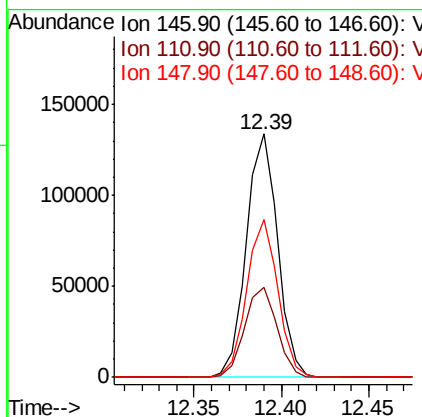
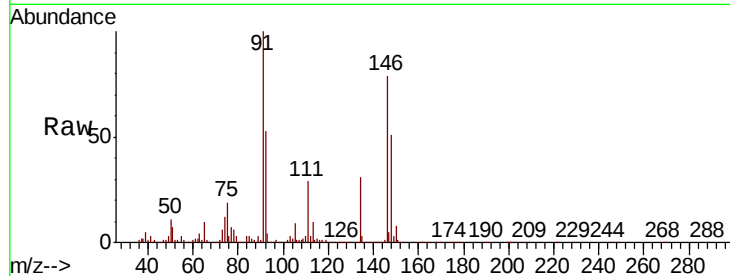




#91
 1,2-Dichlorobenzene
 Concen: 21.091 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

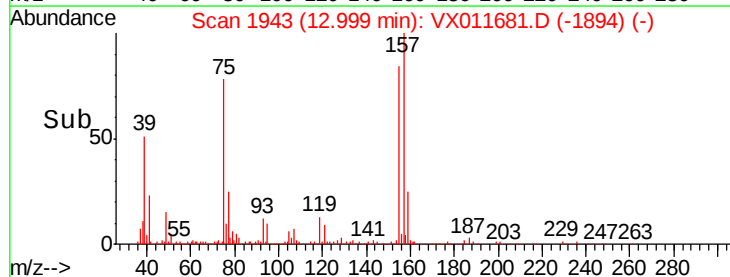
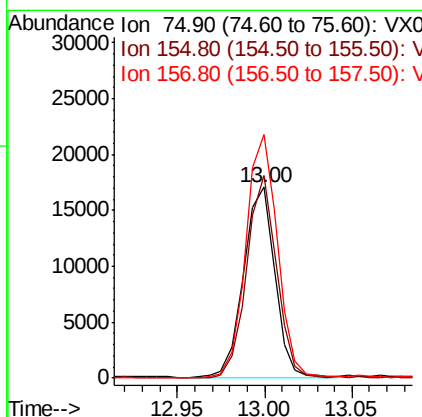
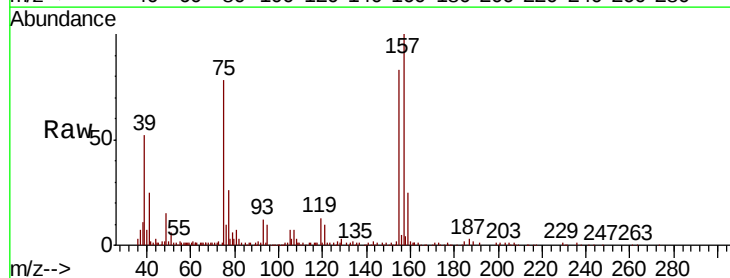
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

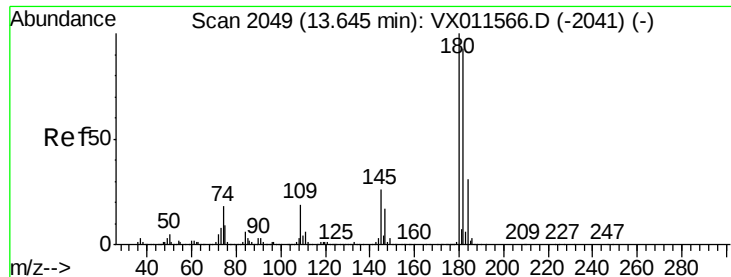
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.7
148	64.3	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.548 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.8	53.0	159.0
157	129.6	68.3	205.1

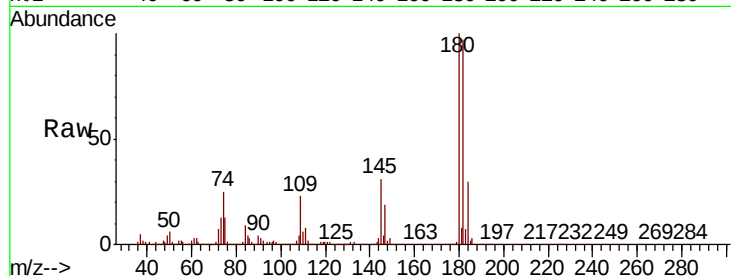




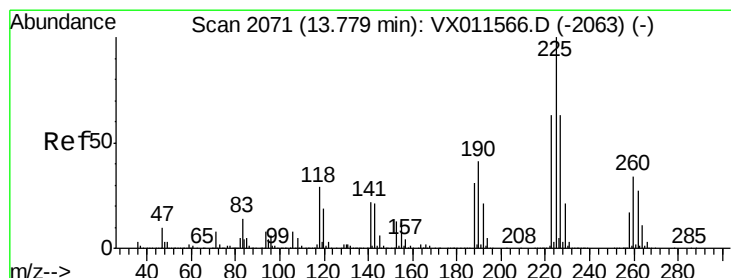
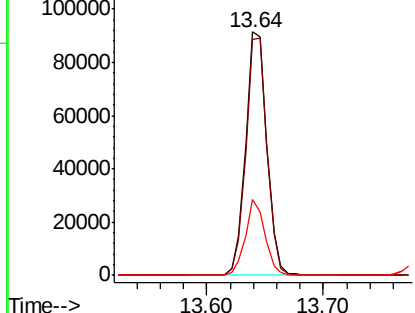
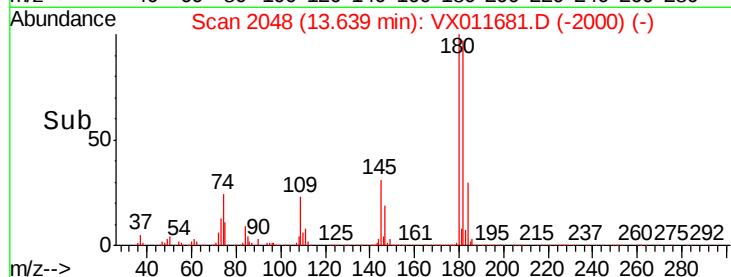
#93
 1,2,4-Trichlorobenzene
 Concen: 19.813 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

Tgt Ion:180 Resp: 116863
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.3 142.0
 145 28.8 13.6 40.8

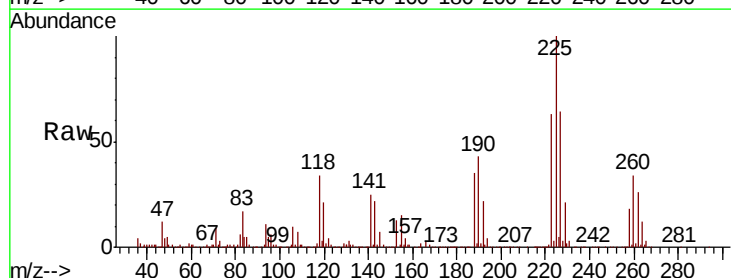


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

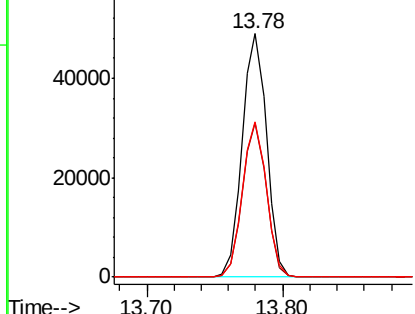
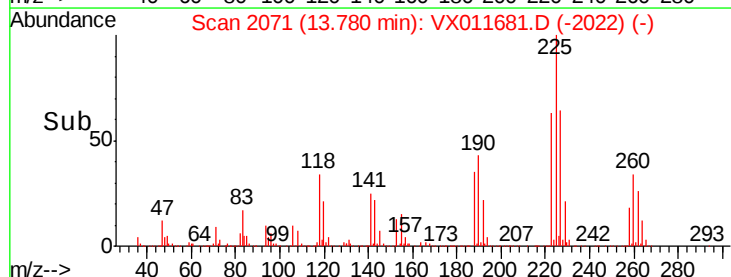


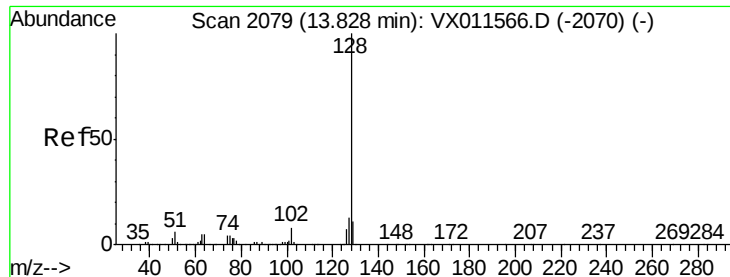
#94
 Hexachlorobutadiene
 Concen: 19.062 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011681.D
 Acq: 20 Aug 2019 13:51

Tgt Ion:225 Resp: 61220
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.4 94.0
 227 62.7 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

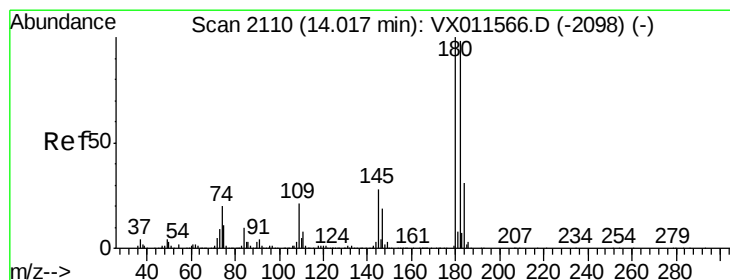
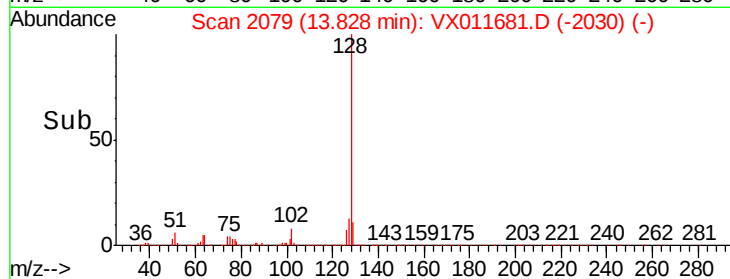
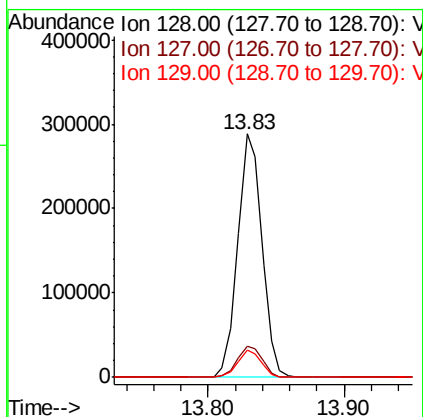
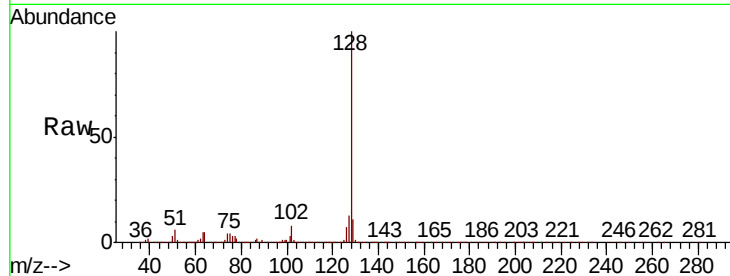




#95
Naphthalene
Concen: 21.513 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.357 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011681.D
Acq: 20 Aug 2019 13:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.0
145	30.6	14.6	43.8

