

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013019\
 Data File : VX007304.D
 Acq On : 30 Jan 2019 10:32
 Operator : JC/SP
 Sample : VX0130WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS01

Quant Time: Jan 31 00:18:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	507549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	732079	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	681820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	365022	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	230141	43.39	ug/l	0.00
Spiked Amount			Recovery	=	86.78%	
35) Dibromofluoromethane	5.50	113	209482	44.68	ug/l	0.00
Spiked Amount			Recovery	=	89.36%	
50) Toluene-d8	8.71	98	779961	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	
62) 4-Bromofluorobenzene	11.13	95	294513	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	65936	15.820	ug/l	96
3) Chloromethane	1.33	50	77342	15.940	ug/l	98
4) Vinyl Chloride	1.41	62	84216	16.135	ug/l	99
5) Bromomethane	1.64	94	87775	15.740	ug/l	92
6) Chloroethane	1.72	64	55732	15.292	ug/l	99
7) Trichlorofluoromethane	1.93	101	144451	17.129	ug/l	96
8) Diethyl Ether	2.19	74	57373	17.100	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	86939	17.219	ug/l	97
10) Methyl Iodide	2.51	142	120423	17.682	ug/l	99
11) Tert butyl alcohol	3.06	59	112344	89.785	ug/l	99
12) 1,1-Dichloroethene	2.38	96	77724	16.662	ug/l	96
13) Acrolein	2.29	56	55801	105.212	ug/l	96
14) Allyl chloride	2.73	41	139959	17.507	ug/l	98
15) Acrylonitrile	3.15	53	258061	89.841	ug/l	98
16) Acetone	2.45	43	234550	89.445	ug/l	97
17) Carbon Disulfide	2.57	76	153645	12.793	ug/l	99
18) Methyl Acetate	2.78	43	143574	18.906	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	288167	17.798	ug/l	96
20) Methylene Chloride	2.85	84	92672	18.221	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	83382	16.040	ug/l	98
22) Diisopropyl ether	3.87	45	269862	17.955	ug/l	96
23) Vinyl Acetate	3.82	43	1084438	85.559	ug/l	99
24) 1,1-Dichloroethane	3.70	63	154153	18.343	ug/l	99
25) 2-Butanone	4.69	43	336391	89.654	ug/l	97
26) 2,2-Dichloropropane	4.59	77	111554	17.262	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	97603	17.022	ug/l	97
28) Bromochloromethane	5.02	49	62825	17.062	ug/l	97
29) Tetrahydrofuran	5.15	42	210836	86.465	ug/l	97
30) Chloroform	5.21	83	160460	18.236	ug/l	99
31) Cyclohexane	5.57	56	120600	16.123	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	130521	17.501	ug/l	98
36) 1,1-Dichloropropene	5.80	75	107887	16.951	ug/l	99
37) Ethyl Acetate	4.85	43	123200	18.055	ug/l	99
38) Carbon Tetrachloride	5.78	117	112593	17.582	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135198	16.662	ug/l	98
40) Benzene	6.14	78	339147	17.463	ug/l	100
41) Methacrylonitrile	5.05	41	69870	17.774	ug/l	98
42) 1,2-Dichloroethane	6.20	62	120075	17.892	ug/l	100
43) Isopropyl Acetate	6.46	43	195181	18.134	ug/l	99
44) Trichloroethene	7.21	130	101240	17.396	ug/l	98
45) 1,2-Dichloropropane	7.51	63	88229	18.070	ug/l	99
46) Dibromomethane	7.66	93	62687	18.268	ug/l	98
47) Bromodichloromethane	7.90	83	110489	18.917	ug/l	95
48) Methyl methacrylate	7.77	41	98554	17.830	ug/l	98
49) 1,4-Dioxane	7.74	88	47582	371.556	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	675923	97.716	ug/l	99
52) Toluene	8.78	92	227767	18.247	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	118652	18.320	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	130194	18.203	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	99631	19.941	ug/l	98
56) Ethyl methacrylate	9.18	69	138814	19.031	ug/l	96
57) 1,3-Dichloropropane	9.37	76	155610	19.011	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	342096	91.220	ug/l	100
59) 2-Hexanone	9.49	43	518030	98.273	ug/l	99
60) Dibromochloromethane	9.58	129	93120	19.194	ug/l	99
61) 1,2-Dibromoethane	9.67	107	103165	18.756	ug/l	99
64) Tetrachloroethene	9.34	164	112424	19.045	ug/l	98
65) Chlorobenzene	10.13	112	272430	18.320	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	93595	18.709	ug/l	99
67) Ethyl Benzene	10.25	91	440894	17.959	ug/l	99
68) m/p-Xylenes	10.36	106	348873	36.069	ug/l	100
69) o-Xylene	10.69	106	171786	18.211	ug/l	98
70) Styrene	10.71	104	279644	18.718	ug/l	99
71) Bromoform	10.85	173	69960	18.881	ug/l	100
73) Isopropylbenzene	11.02	105	467730	18.172	ug/l	99
74) N-amyl acetate	10.90	43	182345	17.596	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	143720	17.588	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	163679	22.128	ug/l	93
77) Bromobenzene	11.26	156	125554	17.703	ug/l	99
78) n-propylbenzene	11.36	91	524487	18.562	ug/l	99
79) 2-Chlorotoluene	11.42	91	306698	18.031	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	379536	17.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36381	17.502	ug/l	91
82) 4-Chlorotoluene	11.51	91	357403	18.148	ug/l	98
83) tert-Butylbenzene	11.77	119	375879	17.517	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	392053	18.128	ug/l	100
85) sec-Butylbenzene	11.94	105	476998	18.613	ug/l	100
86) p-Isopropyltoluene	12.06	119	425400	18.558	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	230549	17.985	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	235274	19.460	ug/l	99
89) n-Butylbenzene	12.38	91	361173	18.483	ug/l	98
90) Hexachloroethane	12.60	117	62446	18.980	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	229800	18.166	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29330	18.149	ug/l	96

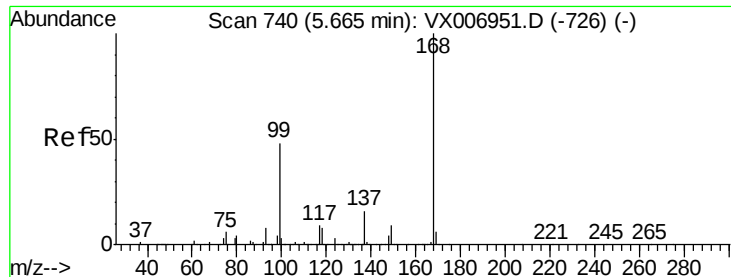
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	161313	18.586	ug/l	99
94) Hexachlorobutadiene	13.78	225	76197	19.784	ug/l	99
95) Naphthalene	13.83	128	473637	18.009	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	160082	18.567	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

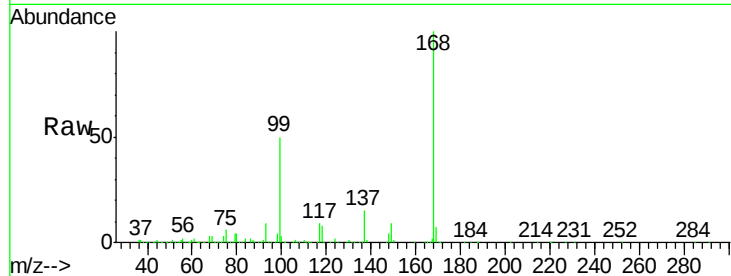
VX0131WBS01

Tot Ion:168 Resp: 507549

Ion Ratio Lower Upper

168 100

99 49.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

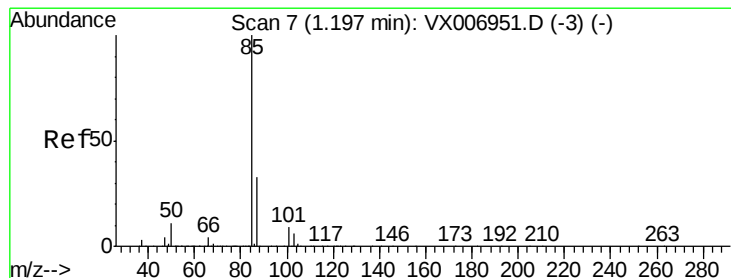
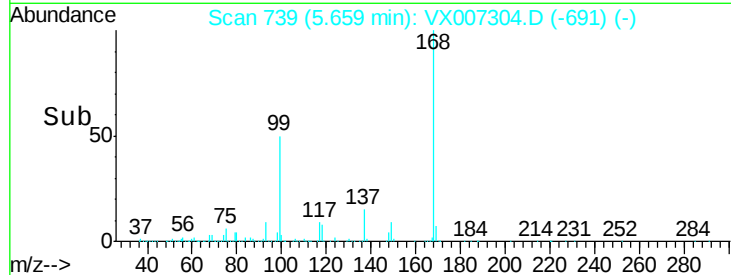
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.820 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007304.D

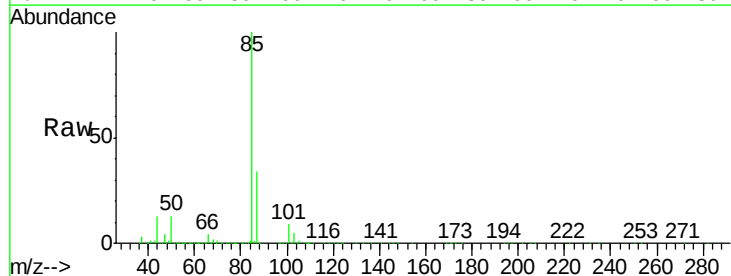
Acq: 30 Jan 2019 10:32

Tgt Ion: 85 Resp: 65936

Ion Ratio Lower Upper

85 100

87 33.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

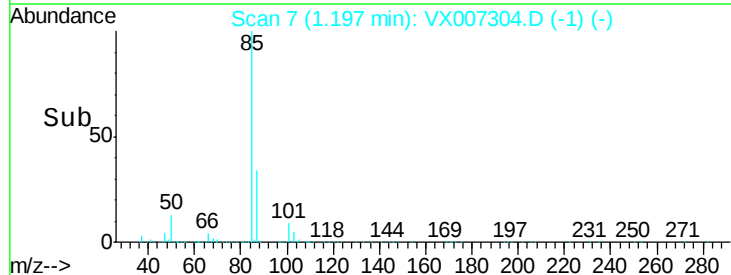
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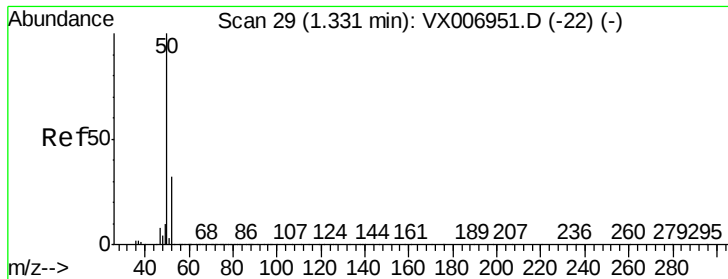
40000

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Time-->

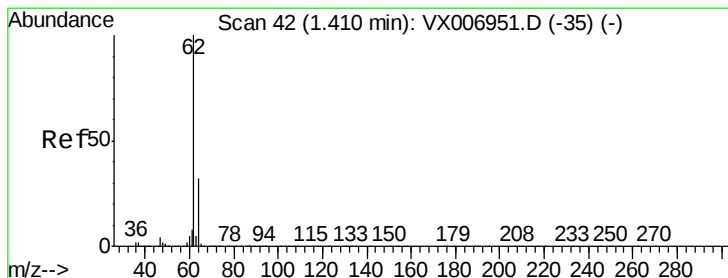
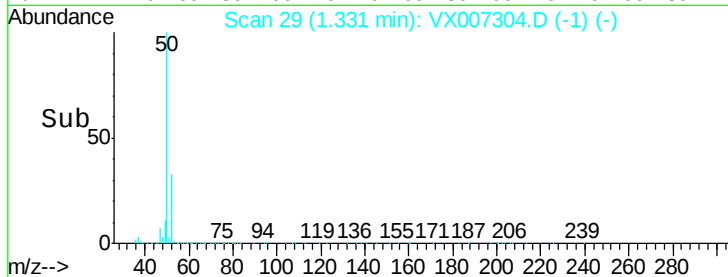
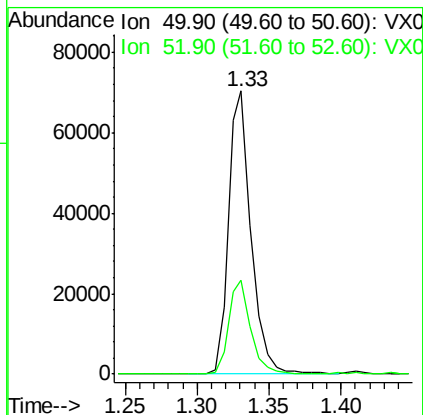
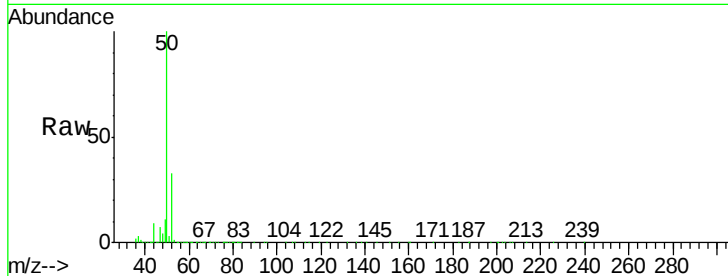




#3
Chloromethane
Concen: 15.940 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

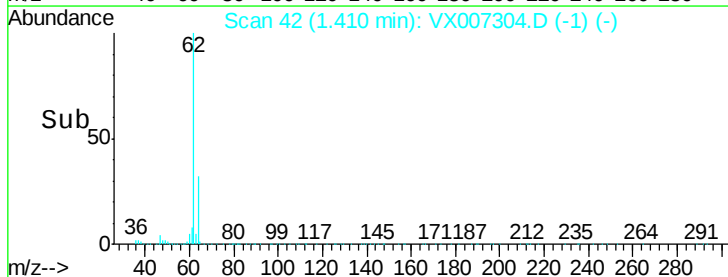
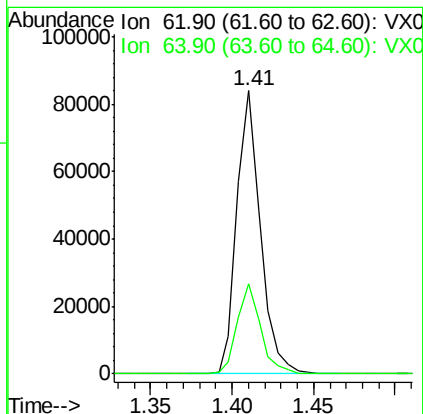
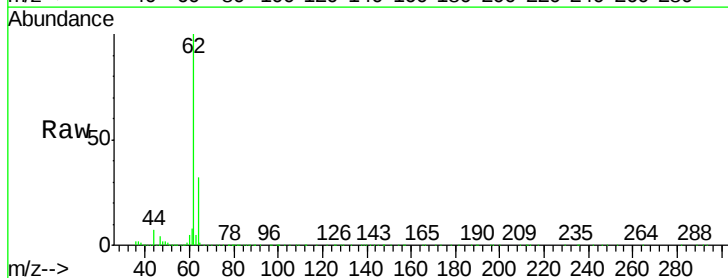
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

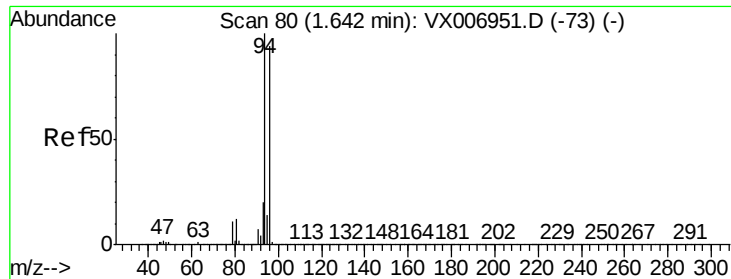
Tot Ion: 50 Resp: 77342
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2



#4
Vinyl Chloride
Concen: 16.135 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

Tgt Ion: 62 Resp: 84216
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





#5

Bromomethane

Concen: 15.740 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

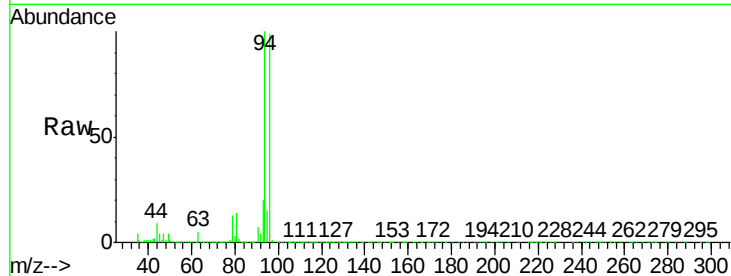
VX0131WBS01

Tot Ion: 94 Resp: 87775

Ion Ratio Lower Upper

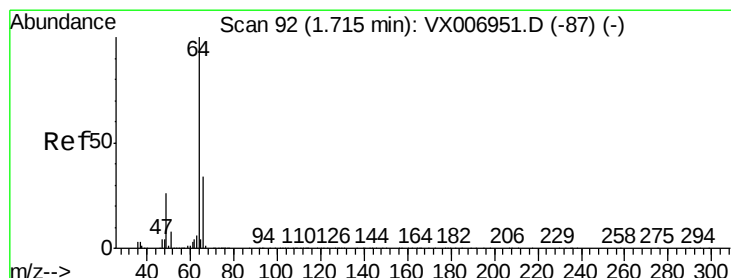
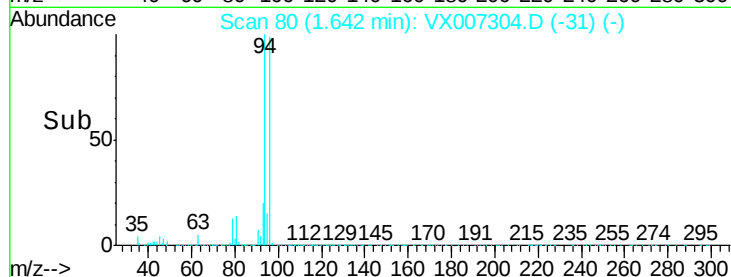
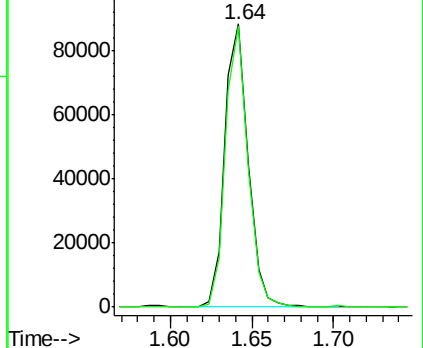
94 100

96 99.1 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 15.292 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007304.D

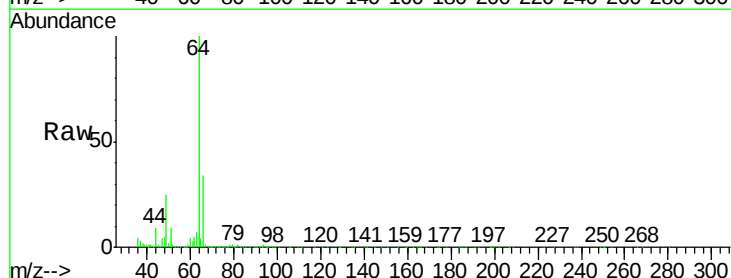
Acq: 30 Jan 2019 10:32

Tgt Ion: 64 Resp: 55732

Ion Ratio Lower Upper

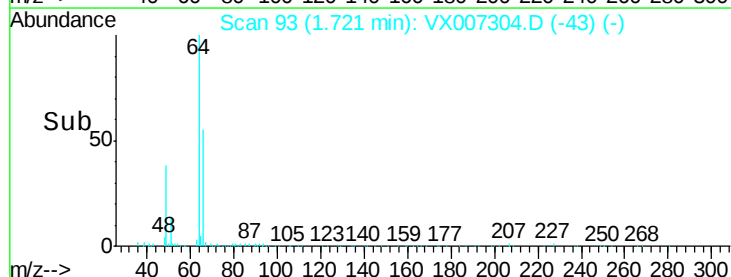
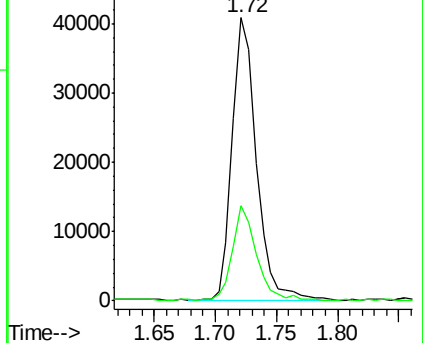
64 100

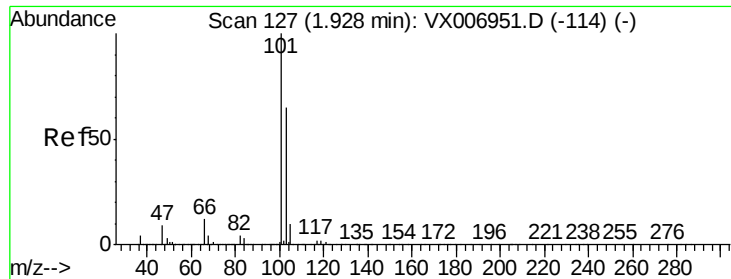
66 33.5 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



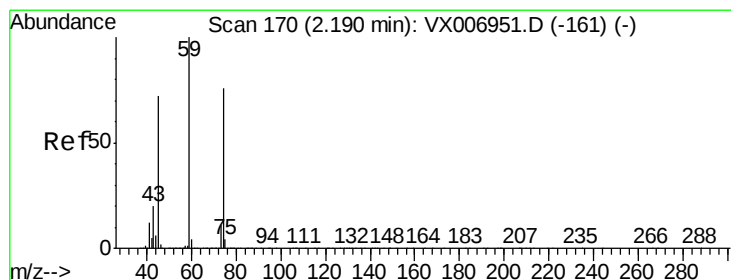
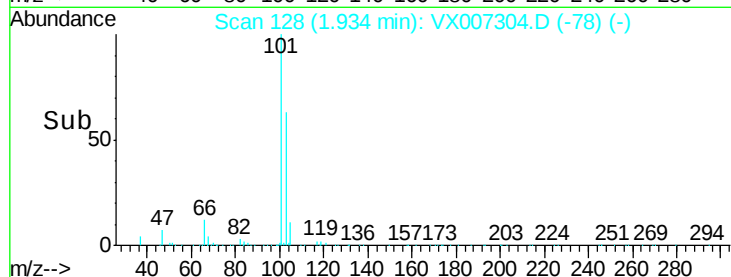
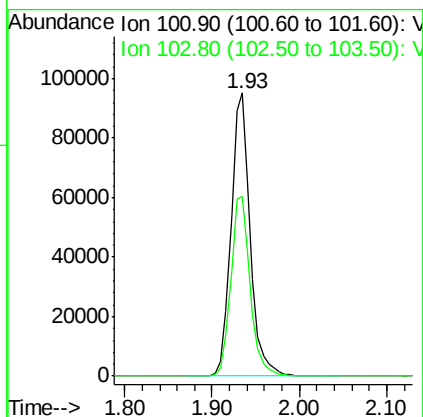
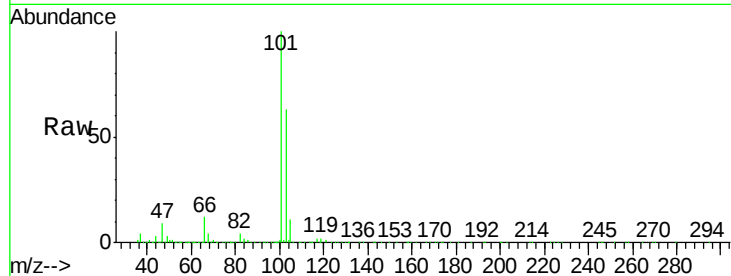


#7

Trichlorofluoromethane
 Concen: 17.129 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007304.D
 Acq: 30 Jan 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
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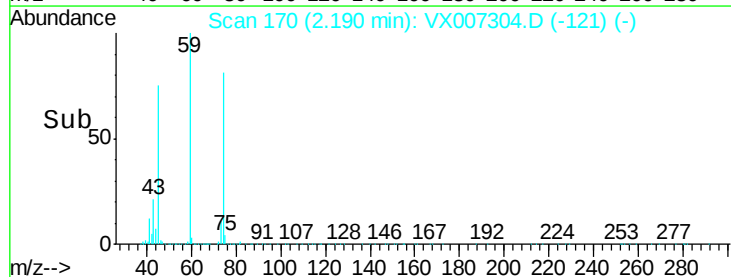
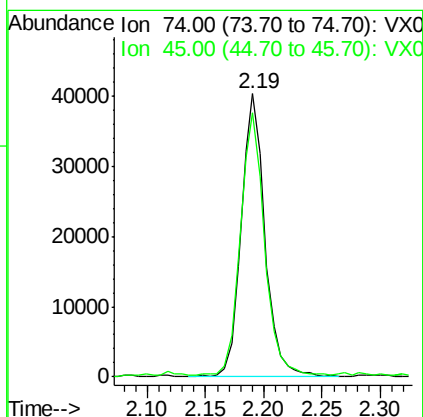
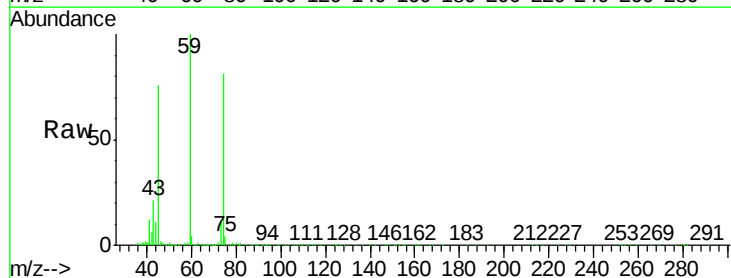
Tot Ion:101 Resp: 144451
 Ion Ratio Lower Upper
 101 100
 103 63.3 53.2 79.8

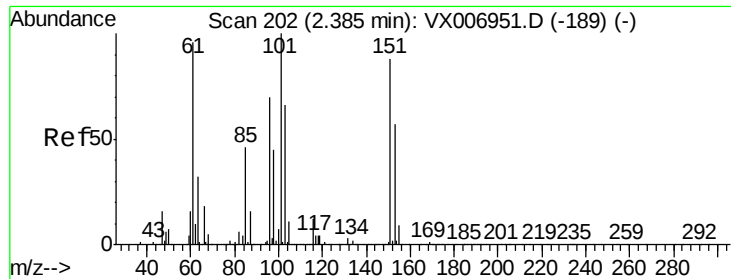


#8

Diethyl Ether
 Concen: 17.100 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007304.D
 Acq: 30 Jan 2019 10:32

Tgt Ion: 74 Resp: 57373
 Ion Ratio Lower Upper
 74 100
 45 94.6 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.219 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

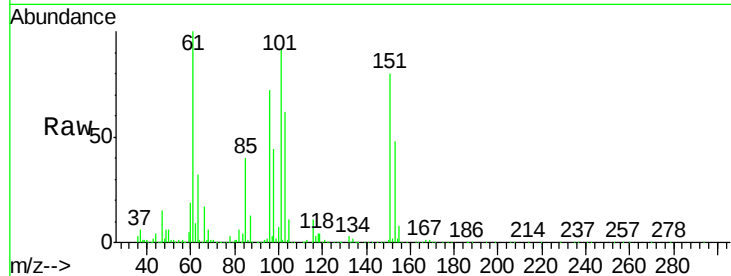
Tot Ion:101 Resp: 86939

Ion Ratio Lower Upper

101 100

85 44.6 35.1 52.7

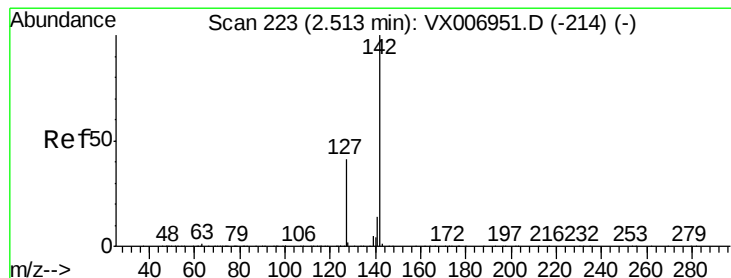
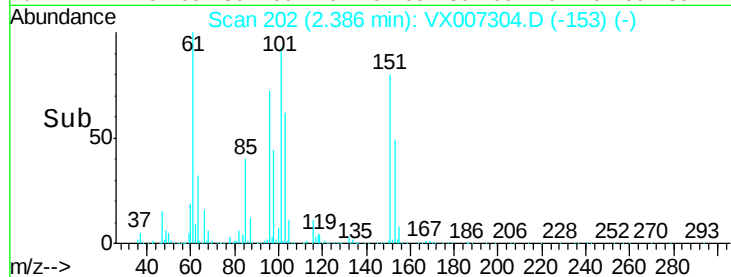
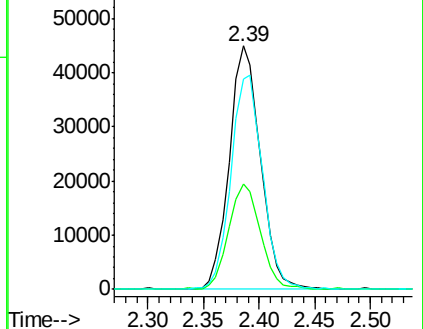
151 89.5 68.9 103.3



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: 17.682 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

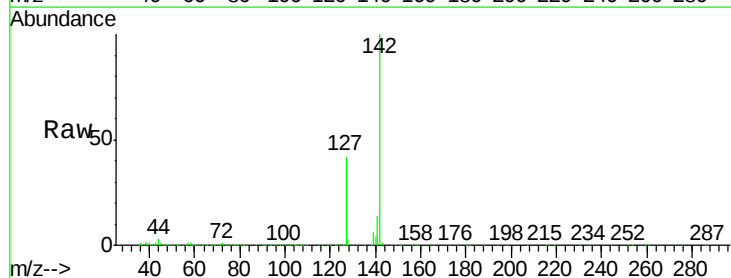
Tgt Ion:142 Resp: 120423

Ion Ratio Lower Upper

142 100

127 41.6 33.9 50.9

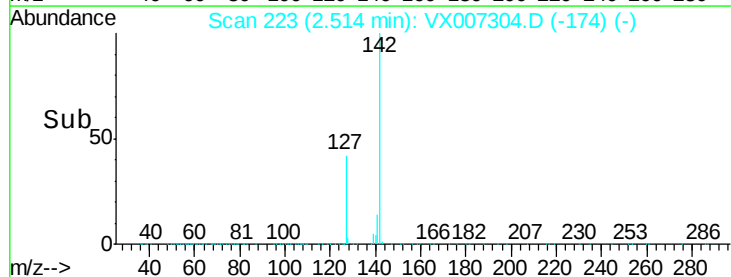
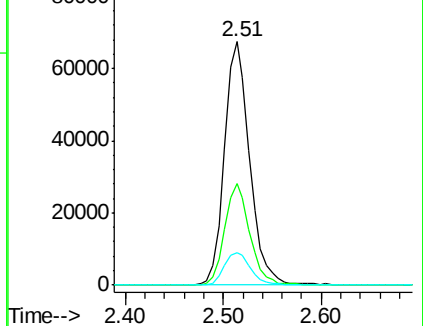
141 14.2 11.4 17.0

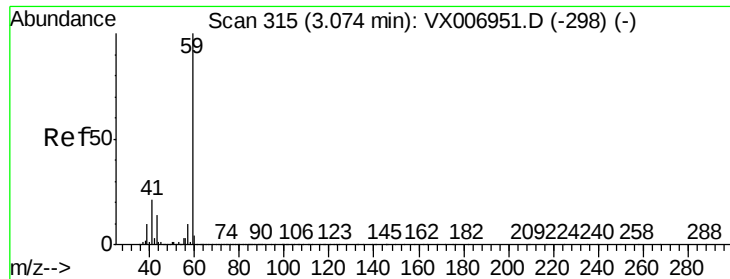


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

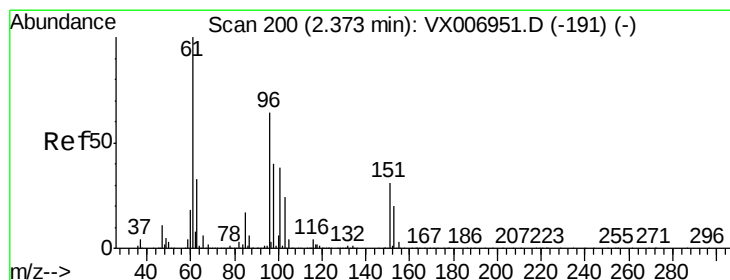
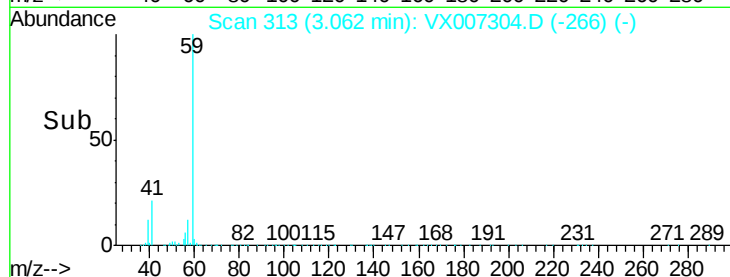
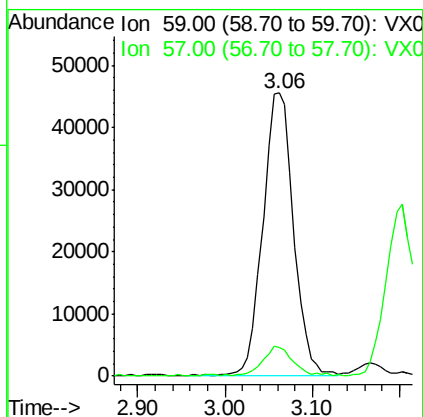
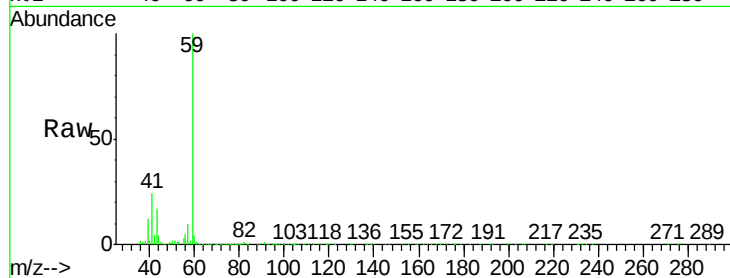




#11
Tert butyl alcohol
Concen: 89.785 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

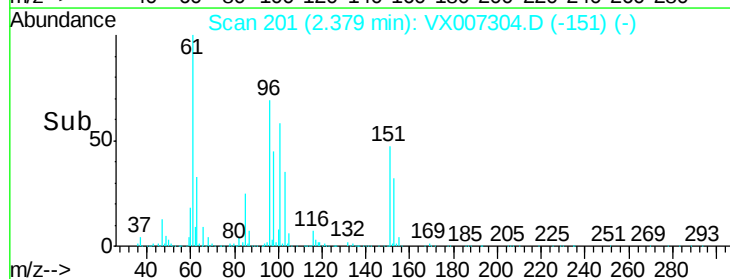
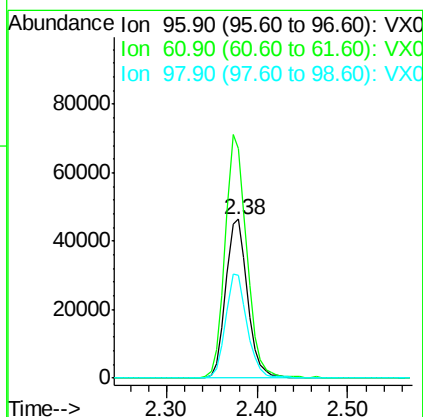
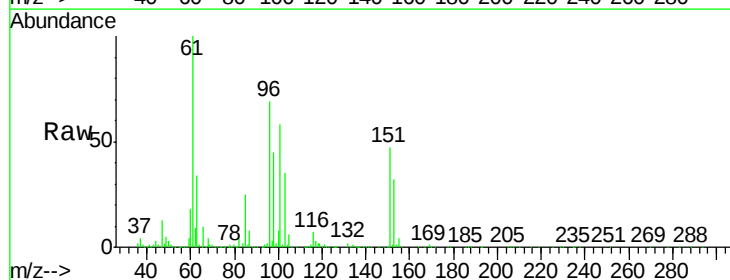
Instrument :
MSVOA_X
ClientSampled :
VX0131WBS01

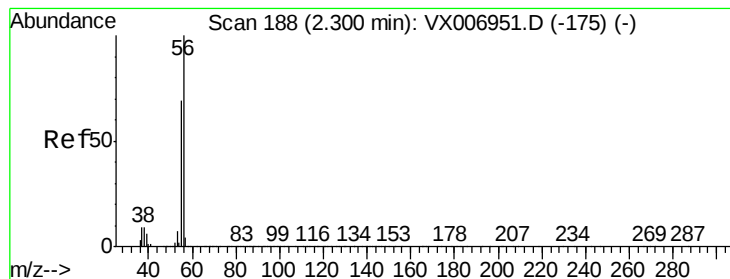
Tot Ion: 59 Resp: 112344
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7



#12
1,1-Dichloroethene
Concen: 16.662 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

Tgt Ion: 96 Resp: 77724
Ion Ratio Lower Upper
96 100
61 144.6 121.4 182.2
98 64.8 51.9 77.9





#13

Acrolein

Concen: 105.212 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

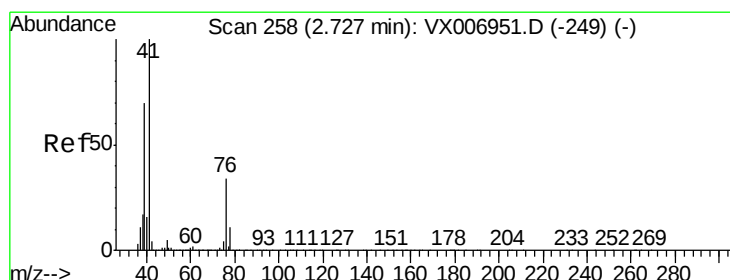
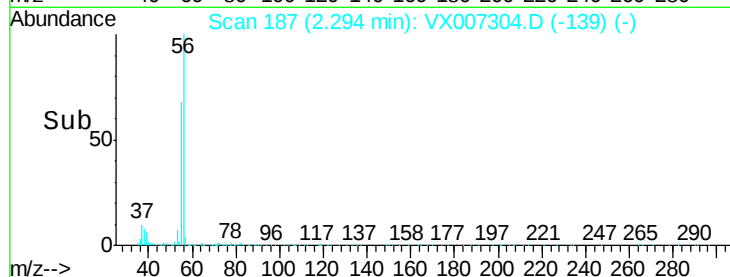
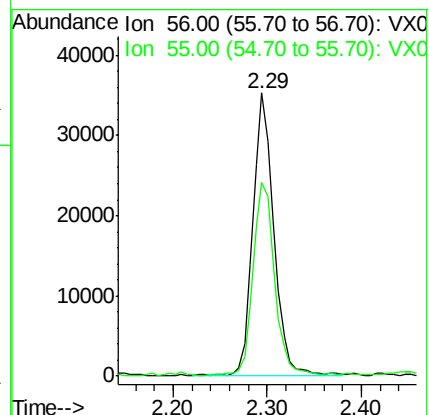
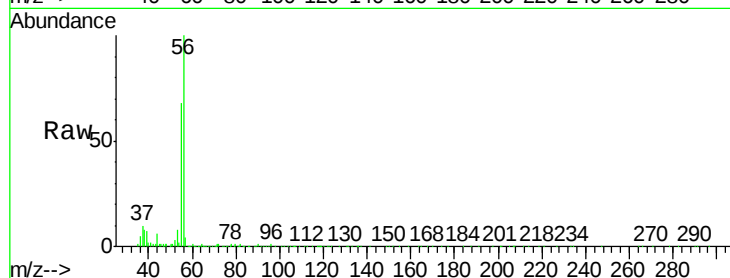
VX0131WBS01

Tot Ion: 56 Resp: 55801

Ion Ratio Lower Upper

56 100

55 69.3 58.2 87.4



#14

Allyl chloride

Concen: 17.507 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

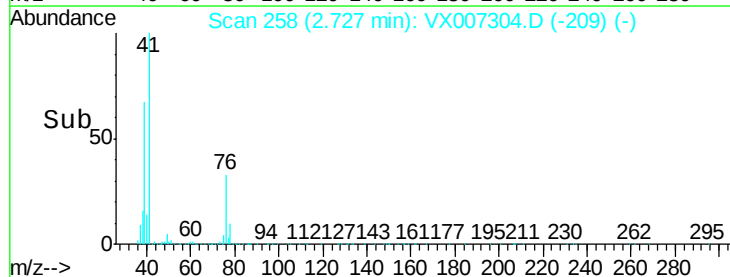
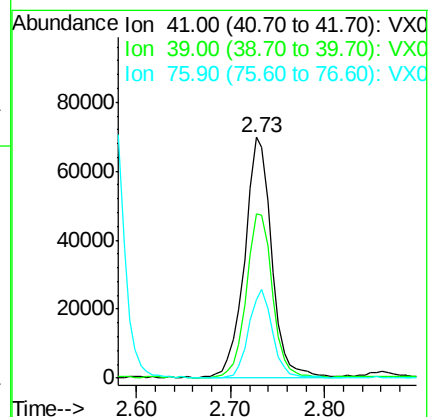
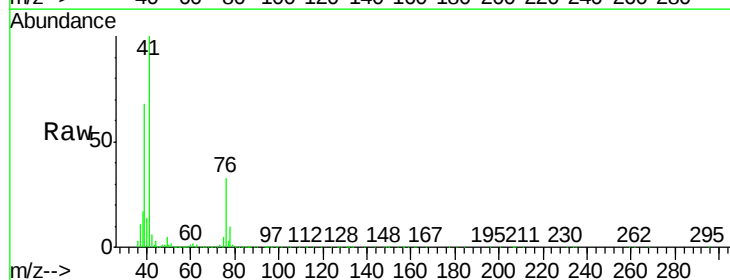
Tgt Ion: 41 Resp: 139959

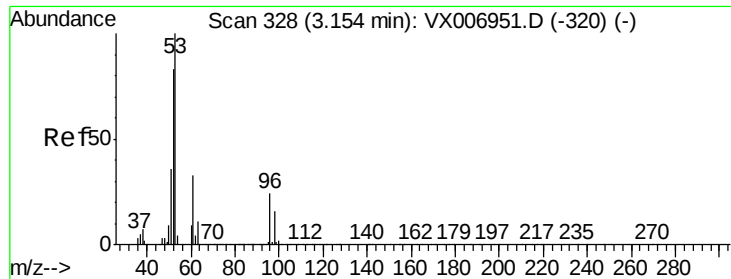
Ion Ratio Lower Upper

41 100

39 66.0 53.6 80.4

76 32.4 27.4 41.2

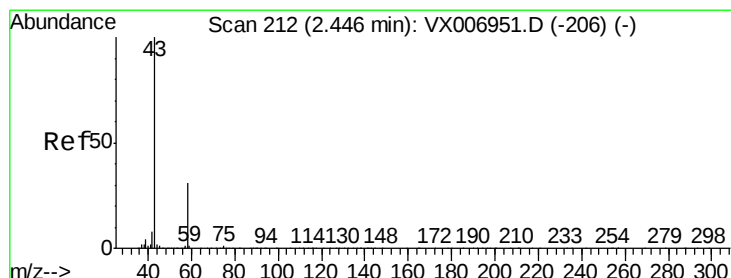
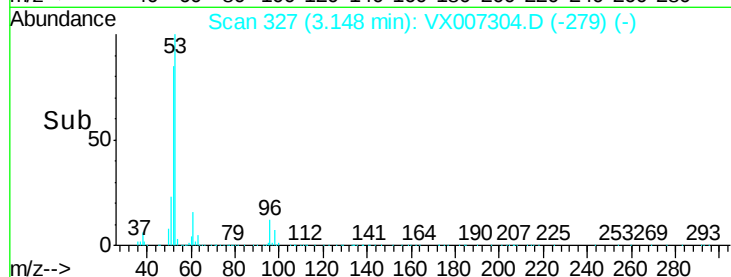
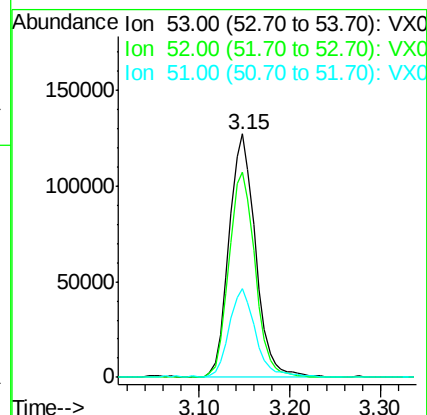
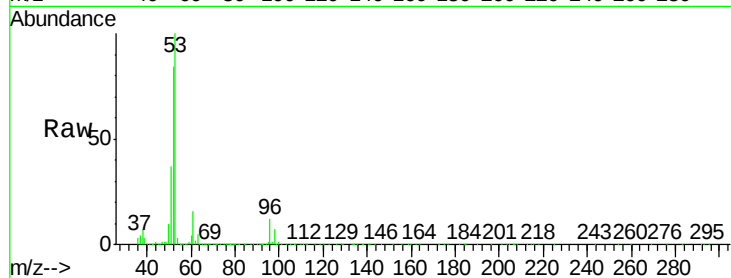




#15
 Acrylonitrile
 Concen: 89.841 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX007304.D
 Acq: 30 Jan 2019 10:32

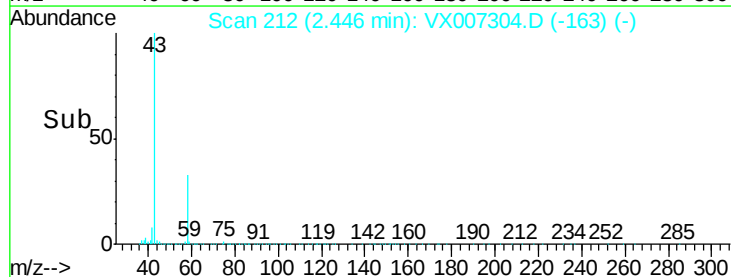
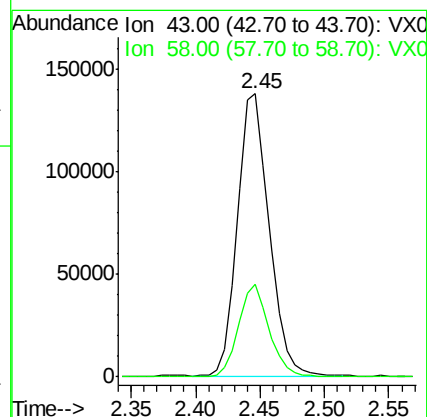
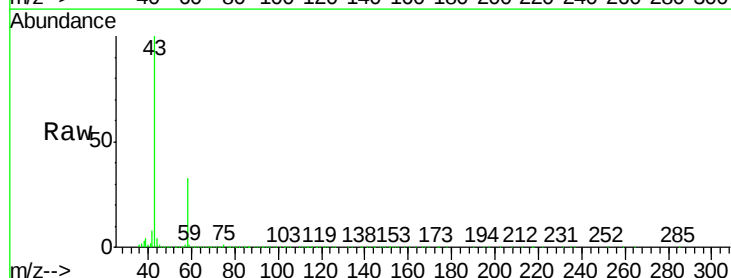
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS01

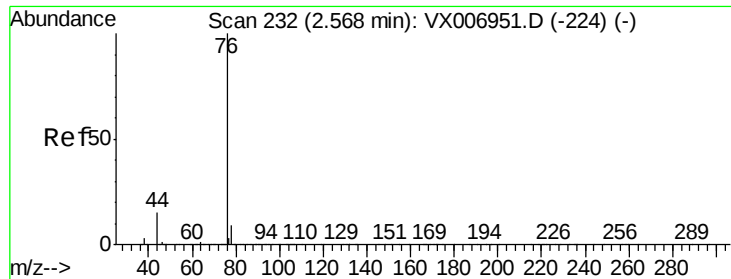
Tot Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.0	99.0
51	36.4	28.6	42.8



#16
 Acetone
 Concen: 89.445 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX007304.D
 Acq: 30 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.0	25.0	37.6





#17

Carbon Disulfide

Concen: 12.793 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

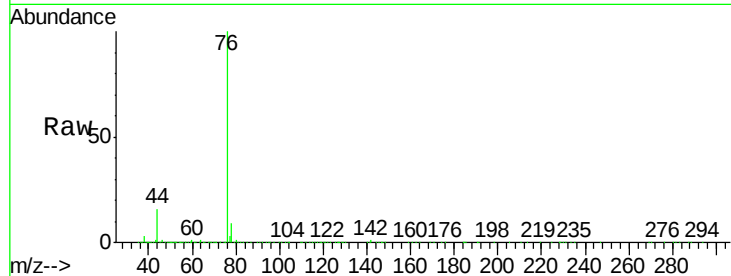
VX0131WBS01

Tot Ion: 76 Resp: 153645

Ion Ratio Lower Upper

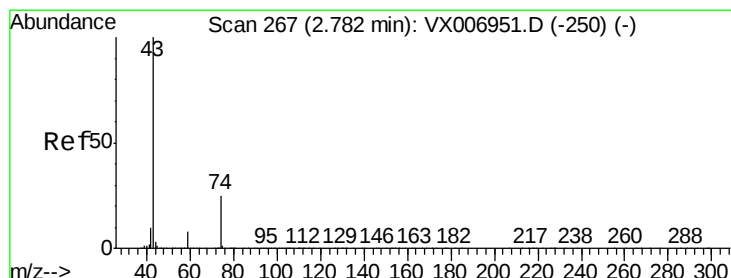
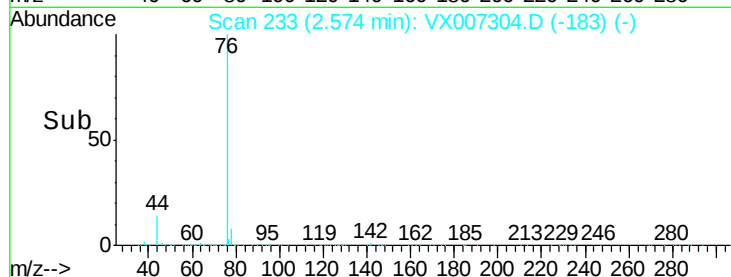
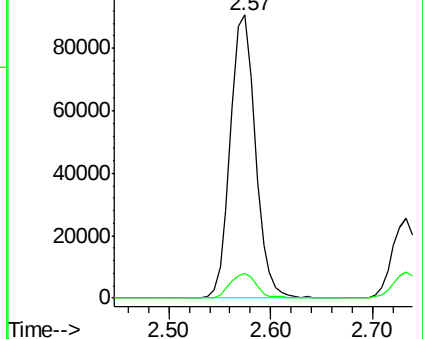
76 100

78 8.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.906 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007304.D

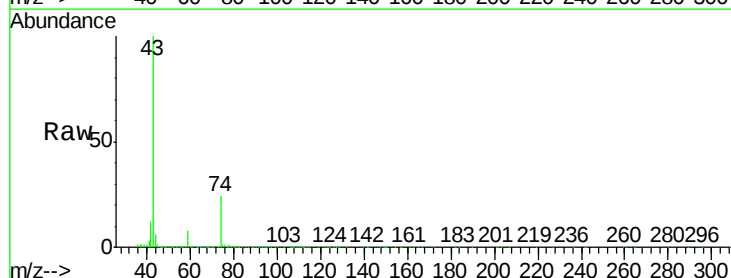
Acq: 30 Jan 2019 10:32

Tgt Ion: 43 Resp: 143574

Ion Ratio Lower Upper

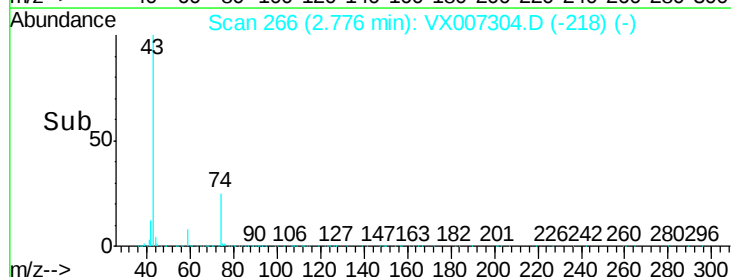
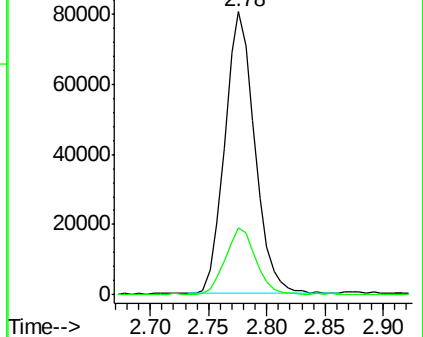
43 100

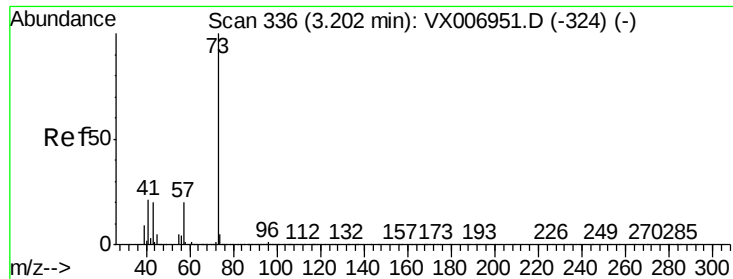
74 24.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



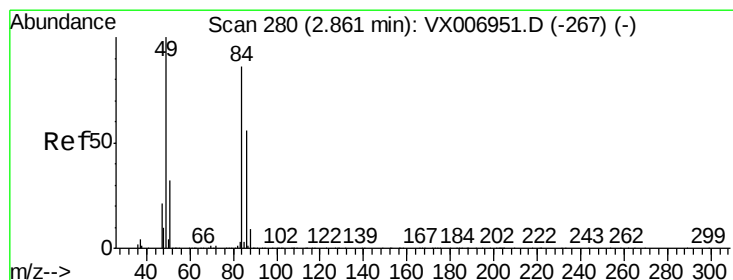
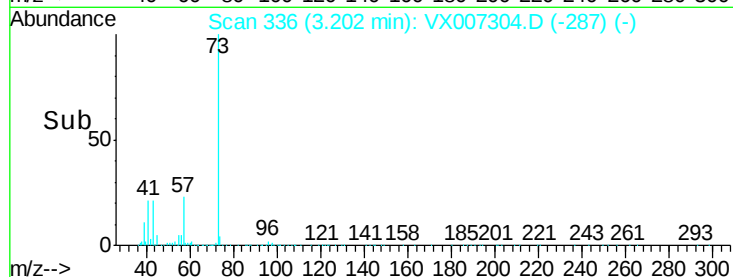
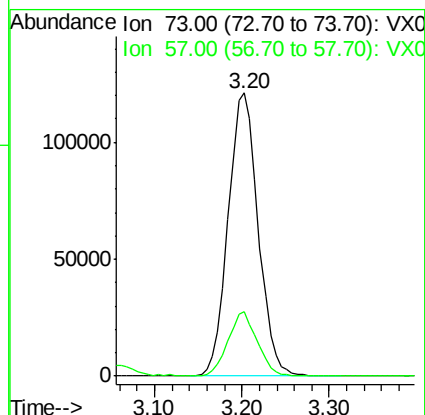
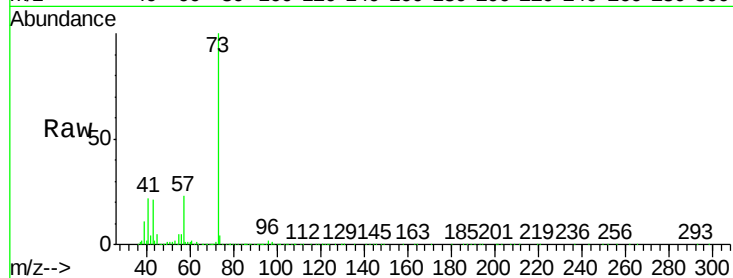


#19

Methyl tert-butyl Ether
Concen: 17.798 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

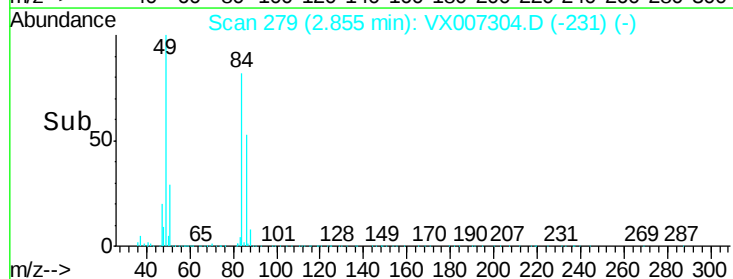
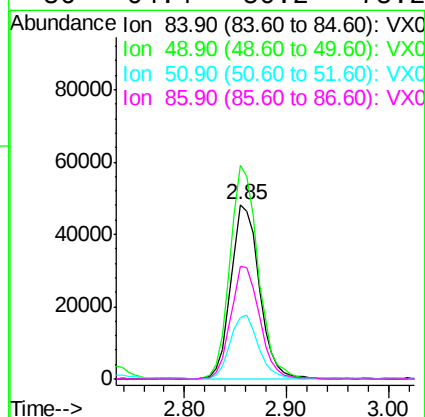
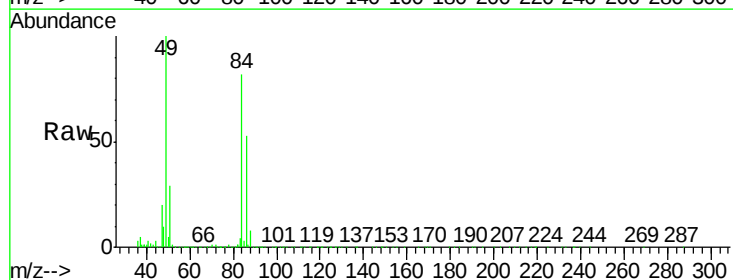
Tot Ion: 73 Resp: 288167
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2

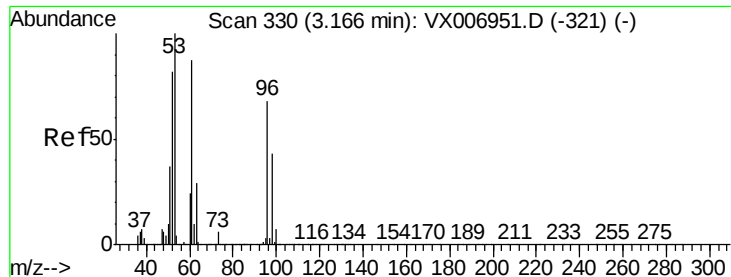


#20

Methylene Chloride
Concen: 18.221 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

Tgt Ion: 84 Resp: 92672
Ion Ratio Lower Upper
84 100
49 122.2 91.8 137.6
51 34.7 28.5 42.7
86 64.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 16.040 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

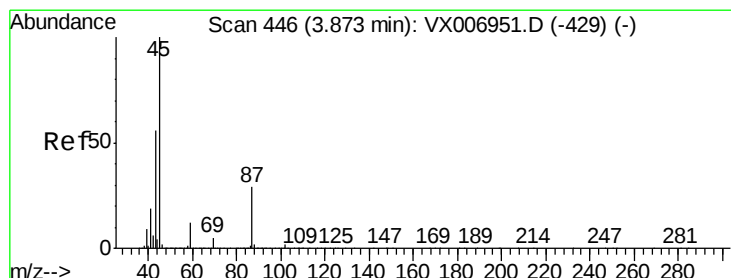
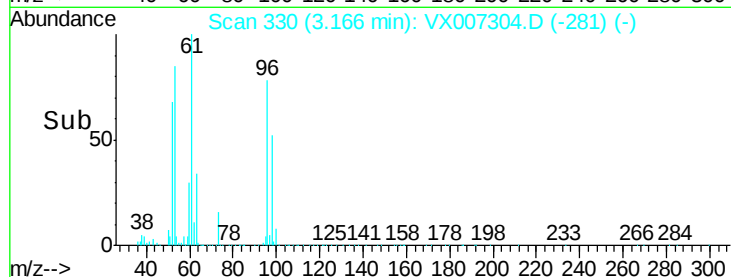
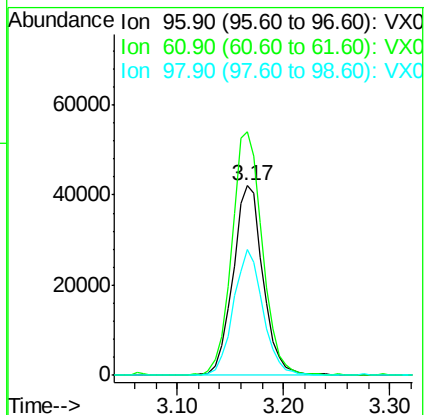
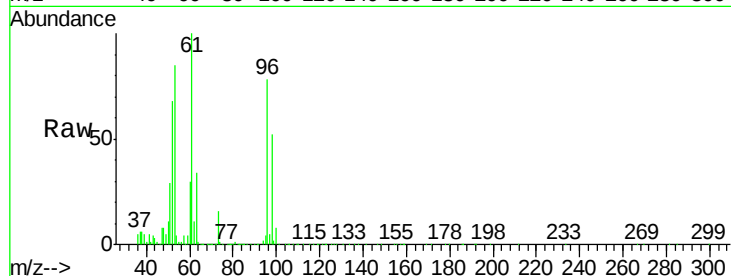
Tot Ion: 96 Resp: 83382

Ion Ratio Lower Upper

96 100

61 128.2 103.7 155.5

98 66.5 51.0 76.6



#22

Diisopropyl ether

Concen: 17.955 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Tgt Ion: 45 Resp: 269862

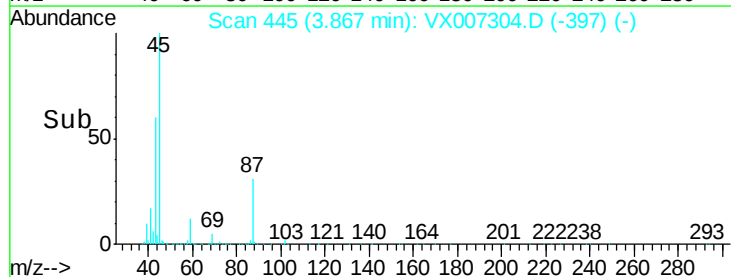
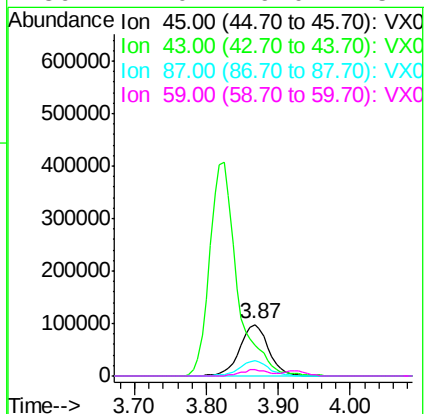
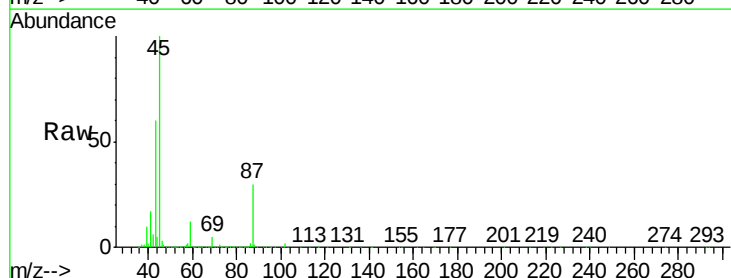
Ion Ratio Lower Upper

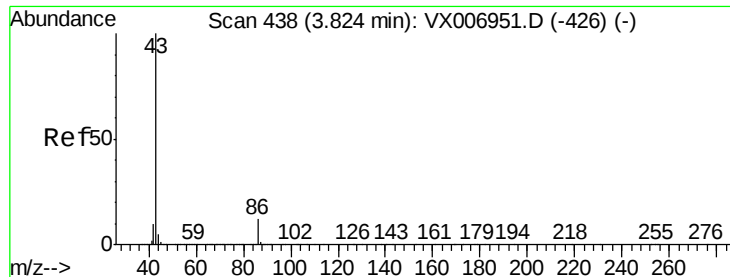
45 100

43 59.9 51.2 76.8

87 30.4 25.8 38.6

59 12.0 9.0 13.4

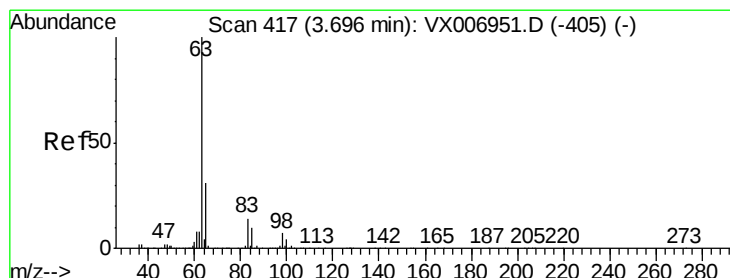
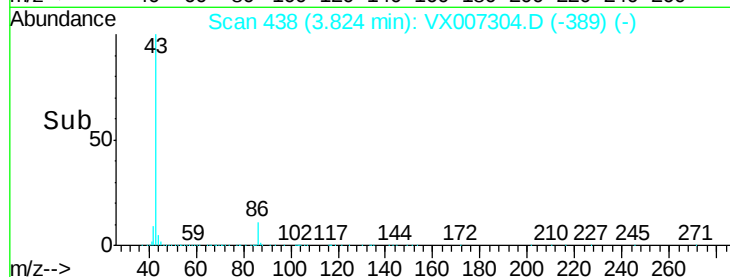
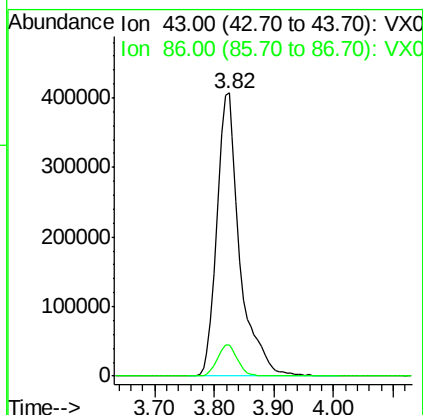
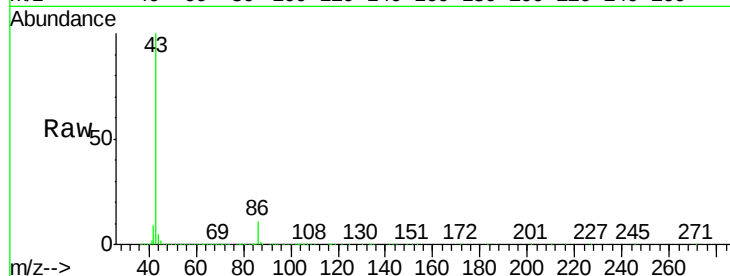




#23
 Vinyl Acetate
 Concen: 85.559 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX007304.D
 Acq: 30 Jan 2019 10:32

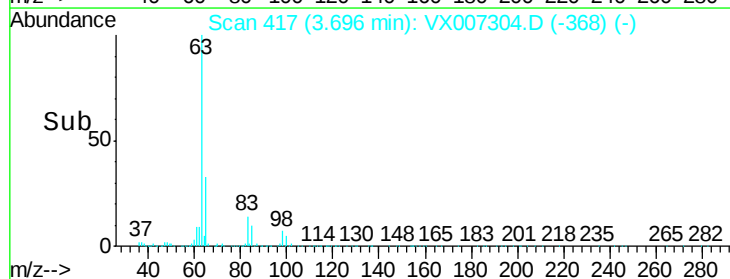
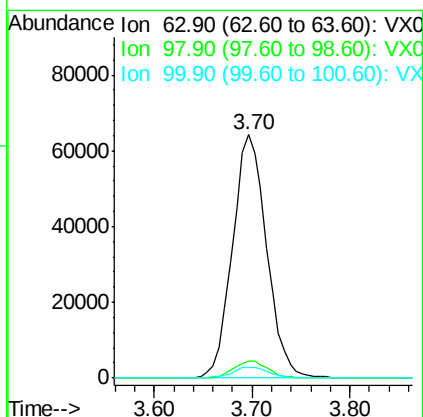
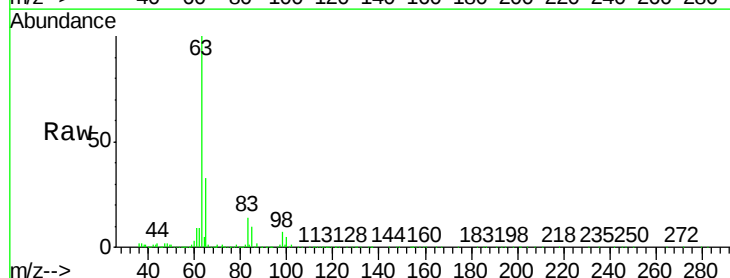
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS01

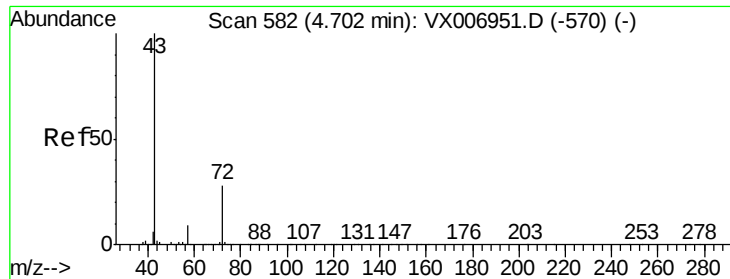
Tot Ion: 43 Resp: 1084438
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 18.343 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX007304.D
 Acq: 30 Jan 2019 10:32

Tgt Ion: 63 Resp: 154153
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.5
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 89.654 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

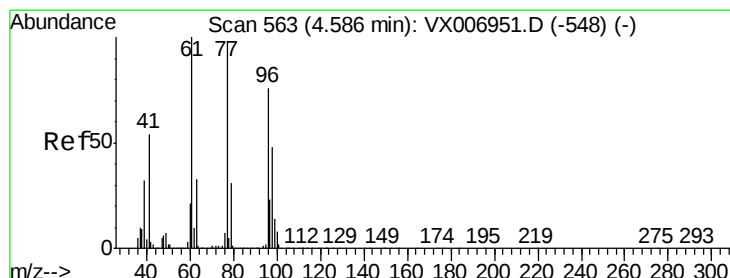
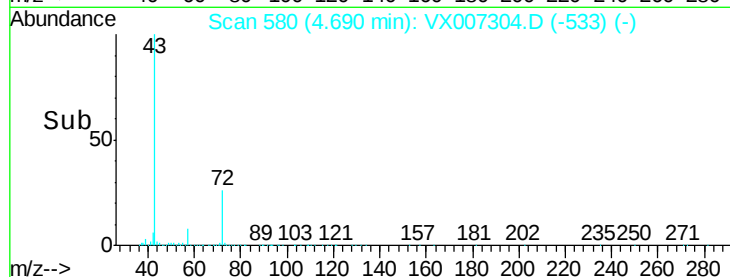
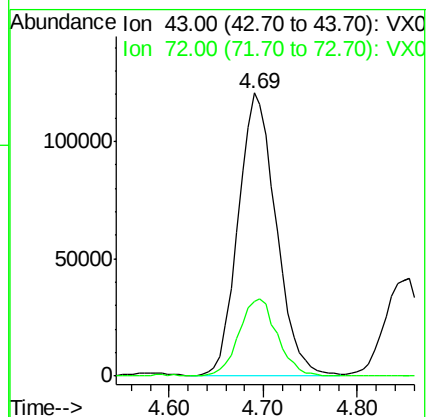
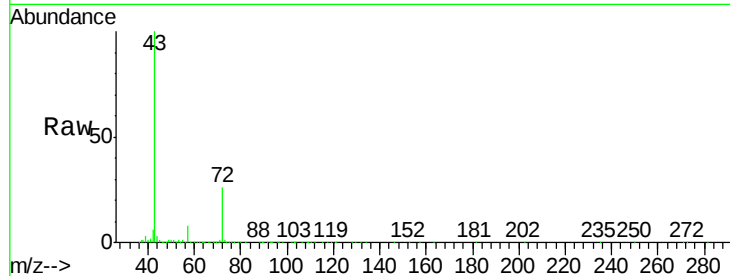
VX0131WBS01

Tot Ion: 43 Resp: 336391

Ion Ratio Lower Upper

43 100

72 26.2 22.4 33.6



#26

2,2-Dichloropropane

Concen: 17.262 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007304.D

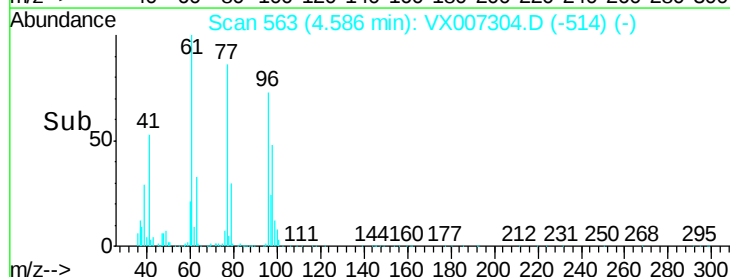
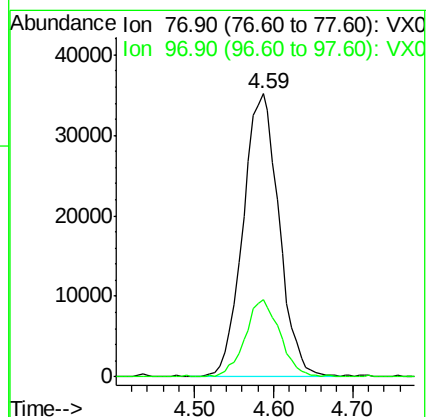
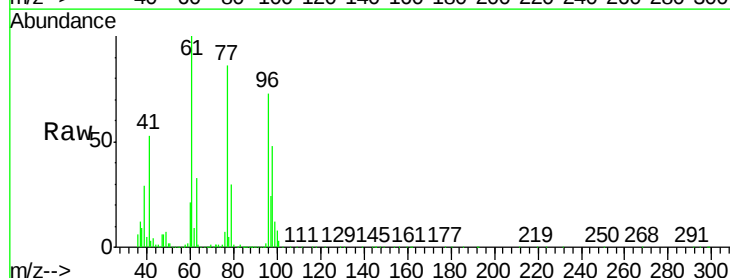
Acq: 30 Jan 2019 10:32

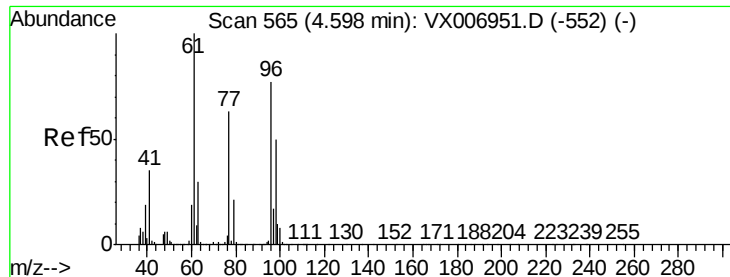
Tgt Ion: 77 Resp: 111554

Ion Ratio Lower Upper

77 100

97 26.5 12.4 37.4



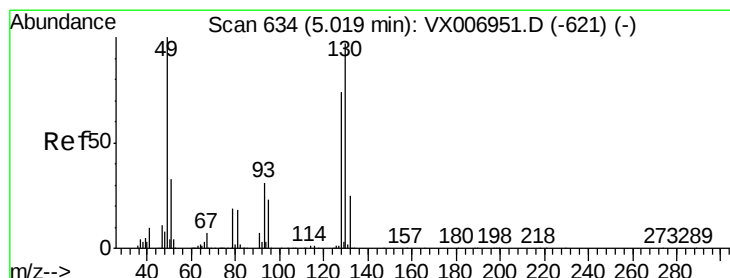
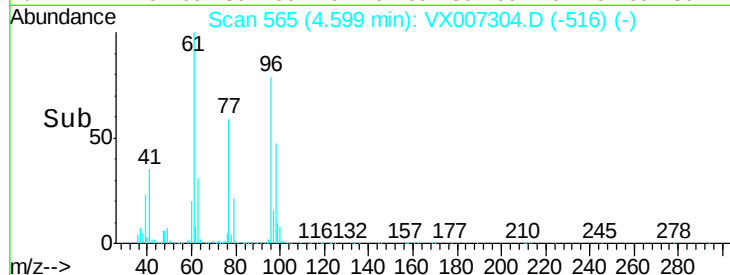
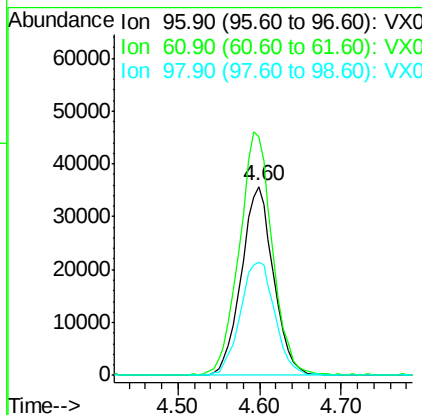
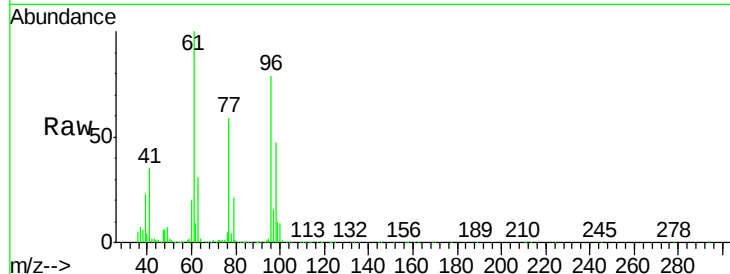


#27

cis-1,2-Dichloroethene
Concen: 17.022 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

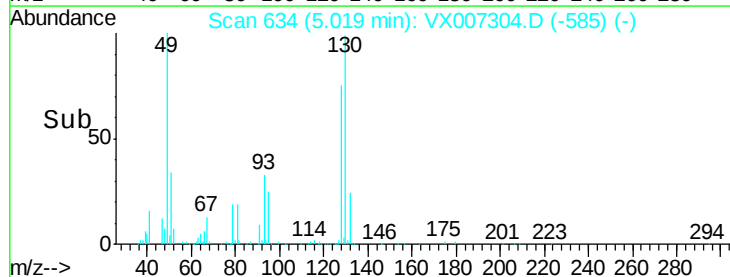
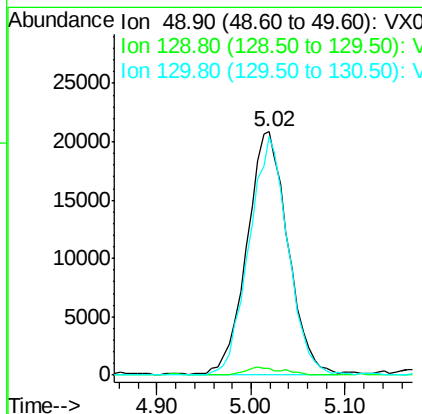
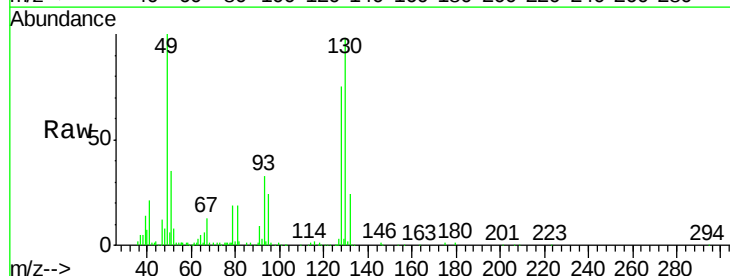
Tot Ion: 96 Resp: 97603
Ion Ratio Lower Upper
96 100
61 133.2 0.0 258.6
98 64.4 0.0 132.0

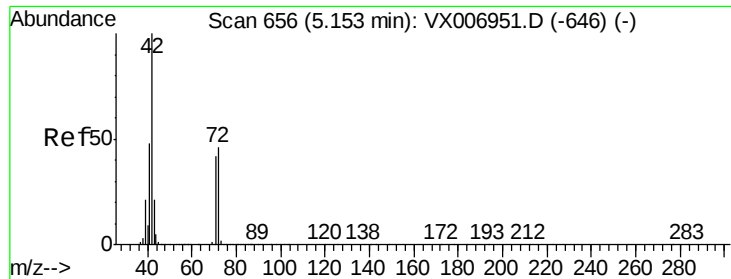


#28

Bromochloromethane
Concen: 17.062 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

Tgt Ion: 49 Resp: 62825
Ion Ratio Lower Upper
49 100
129 3.0 0.0 5.4
130 94.2 77.7 116.5

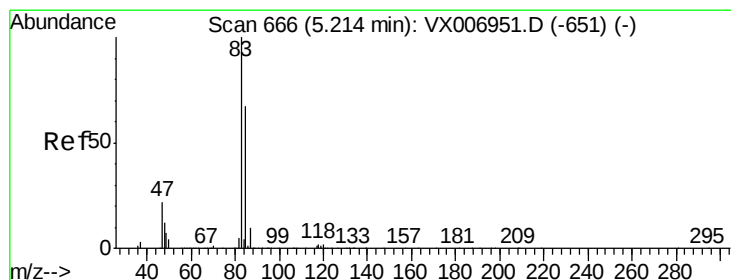
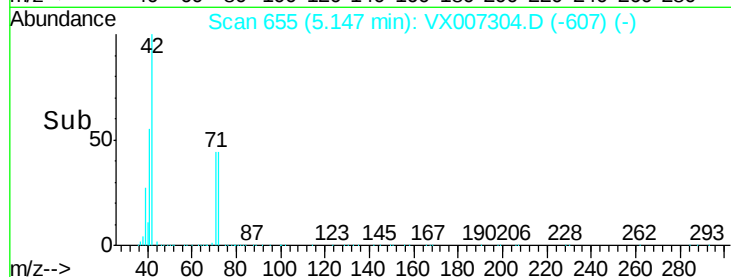
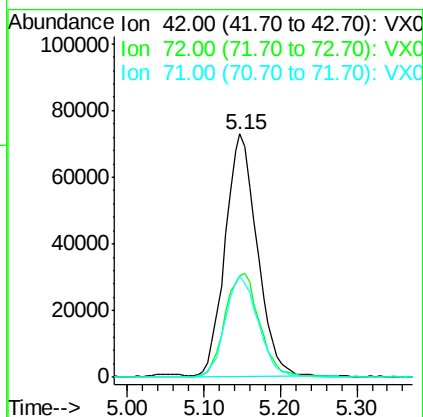
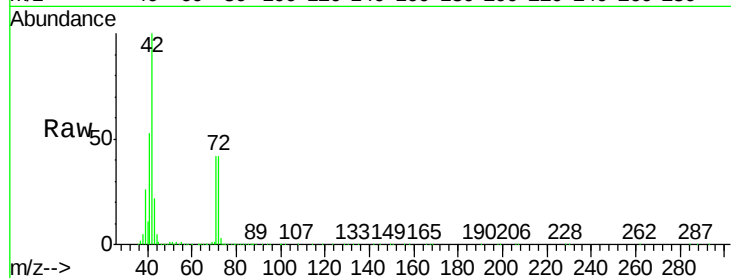




#29
Tetrahydrofuran
Concen: 86.465 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

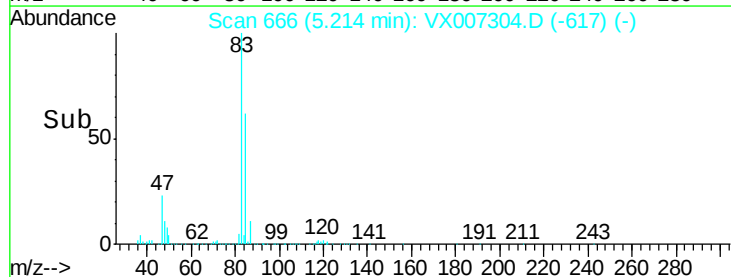
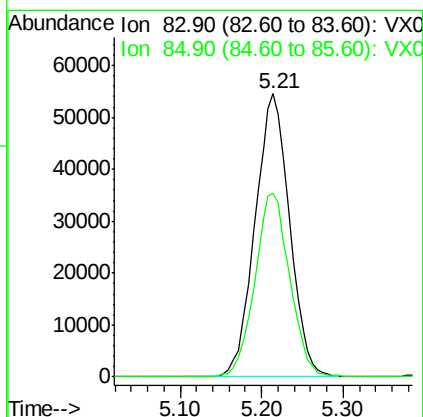
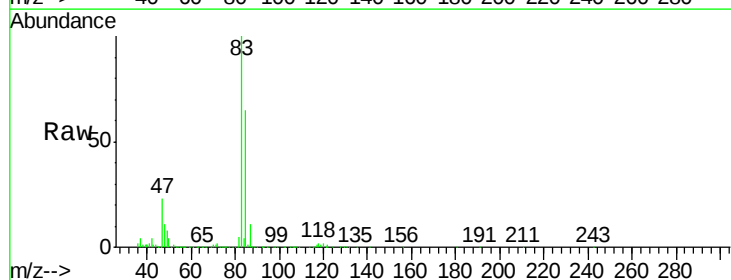
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

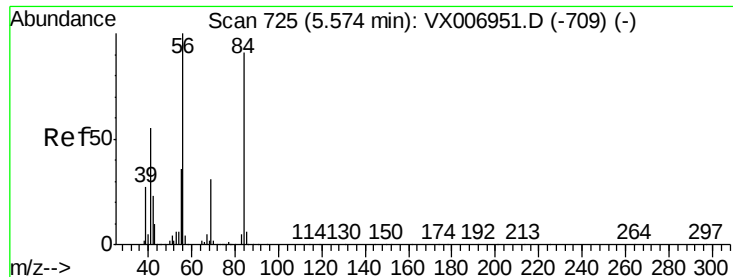
Tot Ion: 42 Resp: 210836
Ion Ratio Lower Upper
42 100
72 46.5 38.9 58.3
71 43.1 36.2 54.4



#30
Chloroform
Concen: 18.236 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

Tgt Ion: 83 Resp: 160460
Ion Ratio Lower Upper
83 100
85 64.5 51.2 76.8





#31

Cyclohexane

Concen: 16.123 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

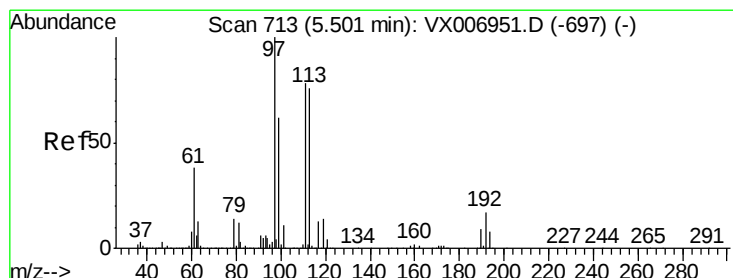
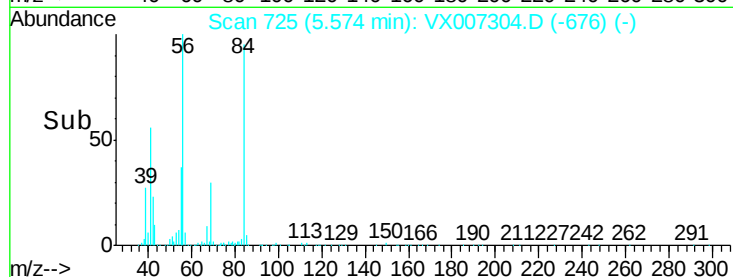
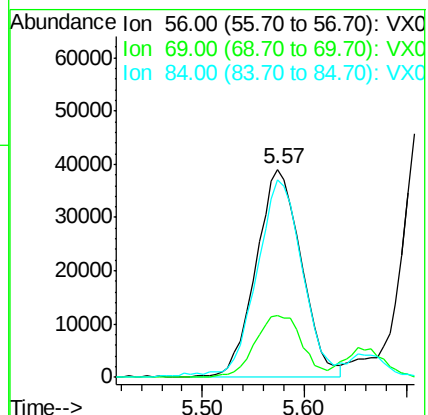
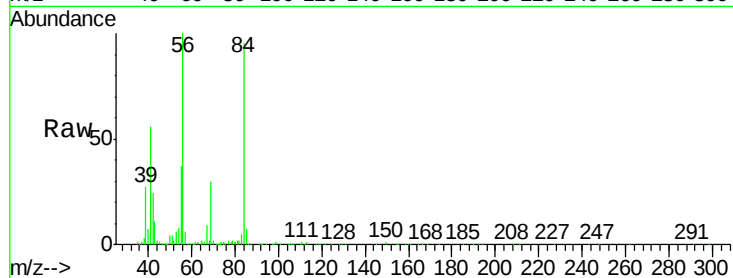
Tot Ion: 56 Resp: 120600

Ion Ratio Lower Upper

56 100

69 29.8 24.4 36.6

84 93.1 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 17.501 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

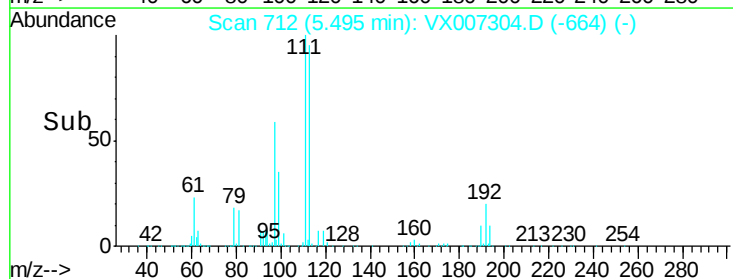
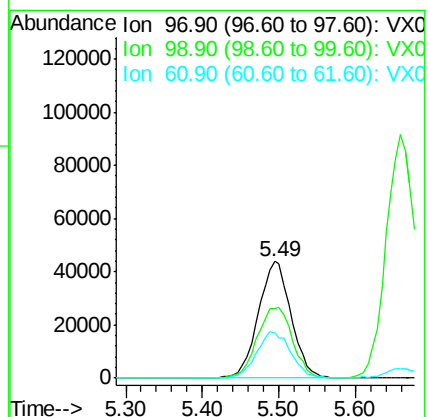
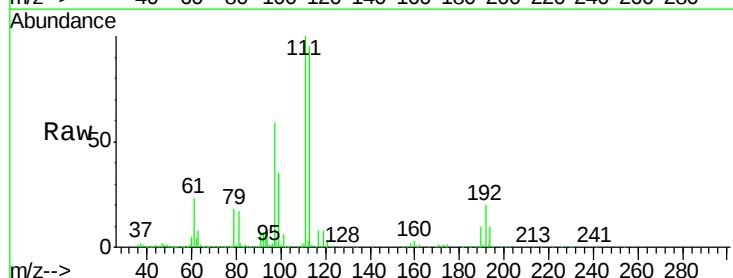
Tgt Ion: 97 Resp: 130521

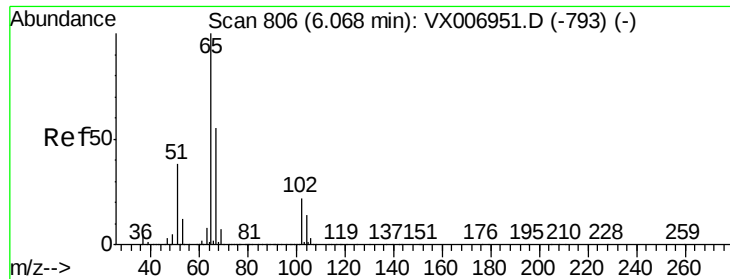
Ion Ratio Lower Upper

97 100

99 65.3 51.7 77.5

61 41.2 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 43.387 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

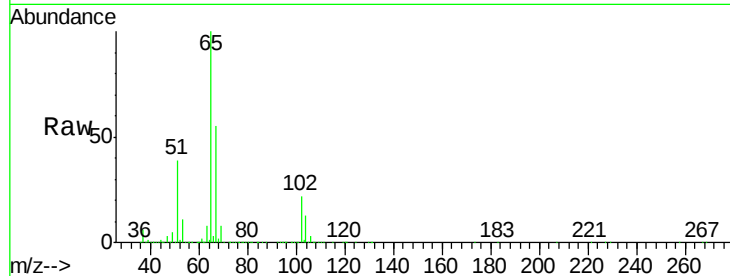
VX0131WBS01

Tot Ion: 65 Resp: 230141

Ion Ratio Lower Upper

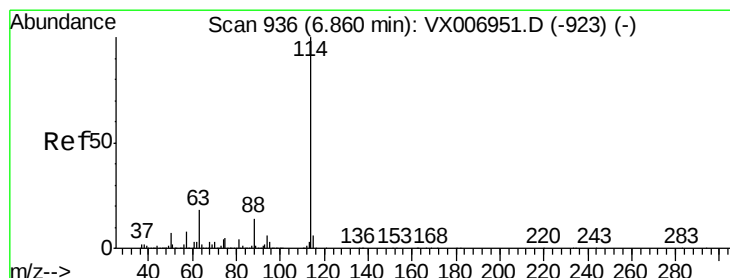
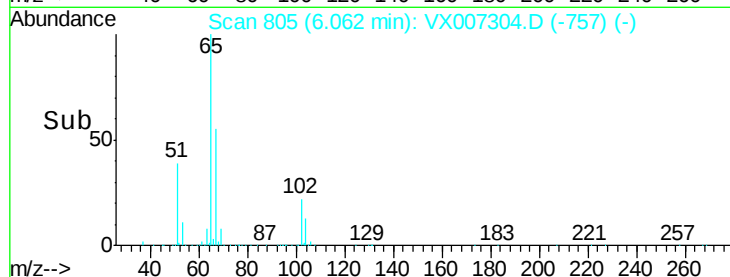
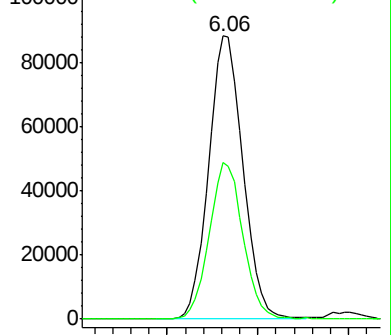
65 100

67 54.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

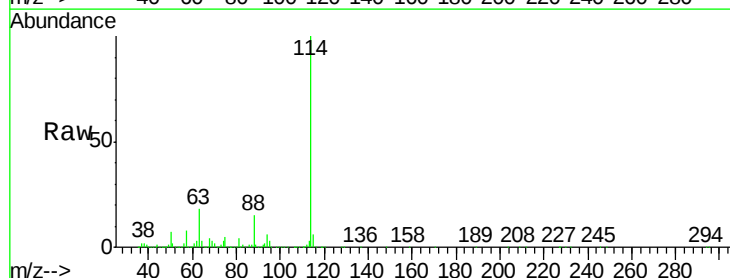
Tgt Ion: 114 Resp: 732079

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

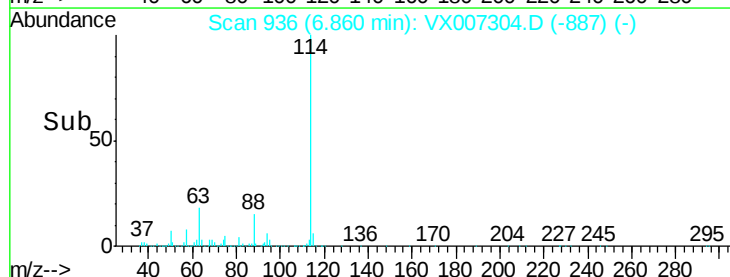
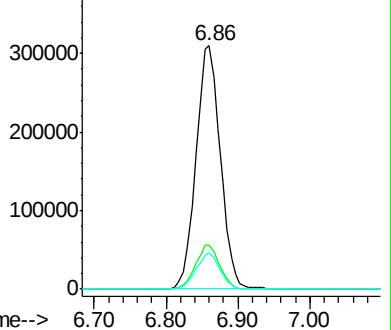
88 14.7 0.0 28.8

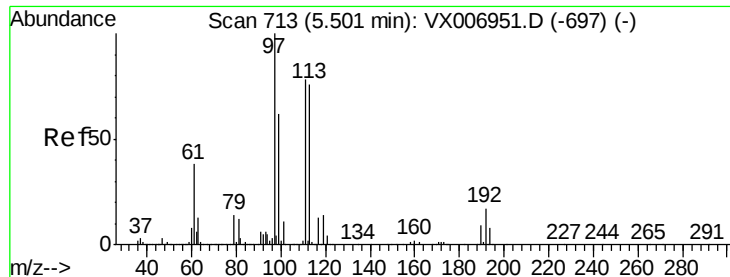


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.683 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

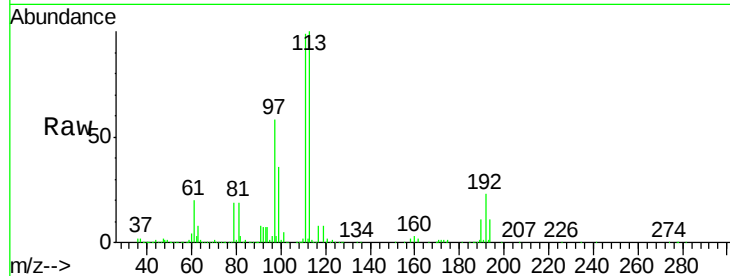
Tot Ion:113 Resp: 209482

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

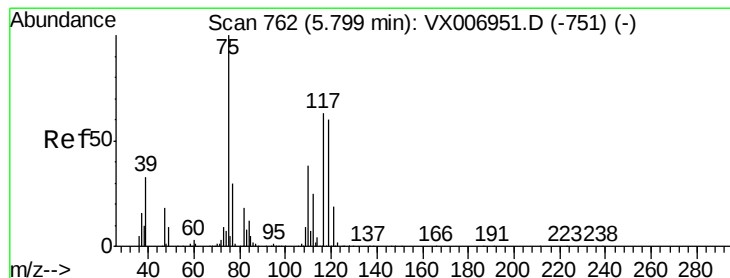
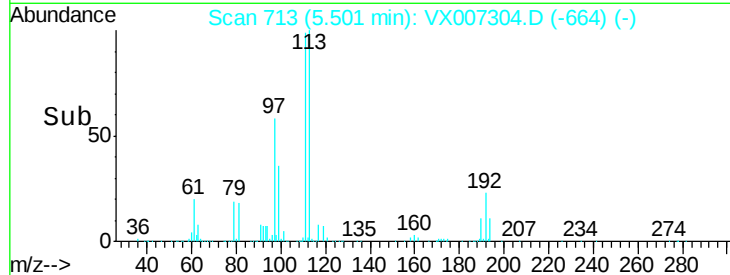
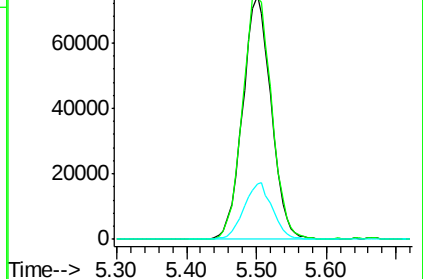
192 23.1 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.951 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

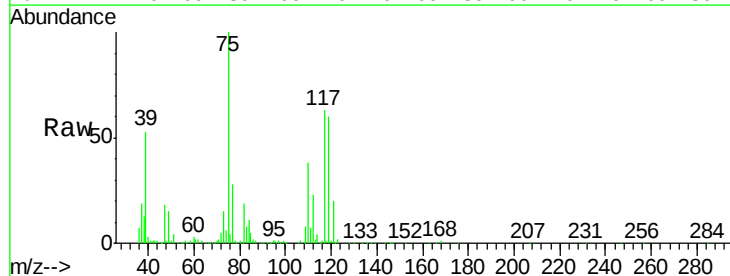
Tgt Ion: 75 Resp: 107887

Ion Ratio Lower Upper

75 100

110 40.2 20.2 60.5

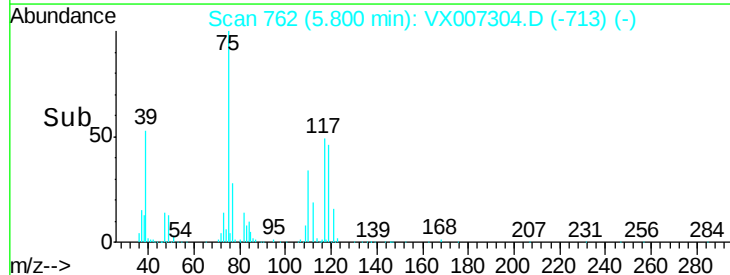
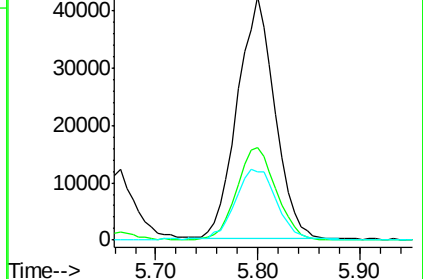
77 32.7 24.8 37.2

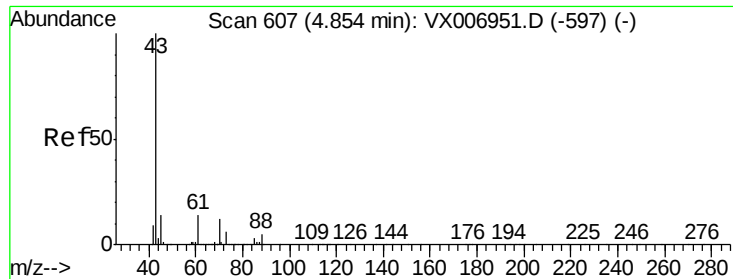


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

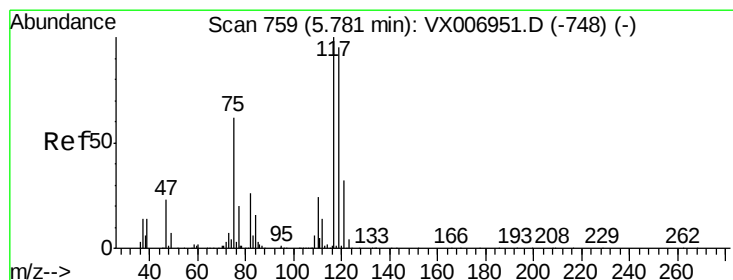
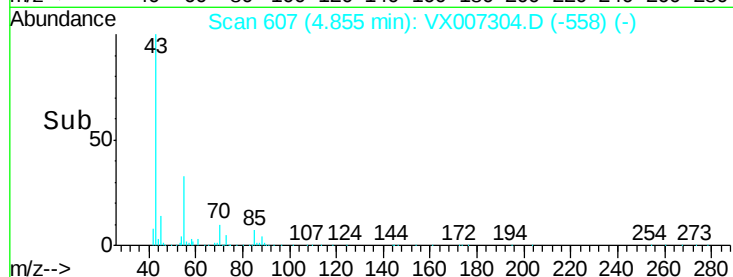
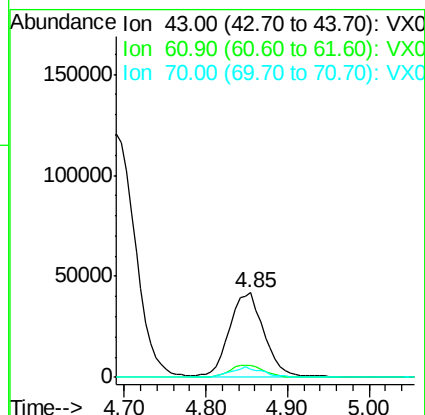
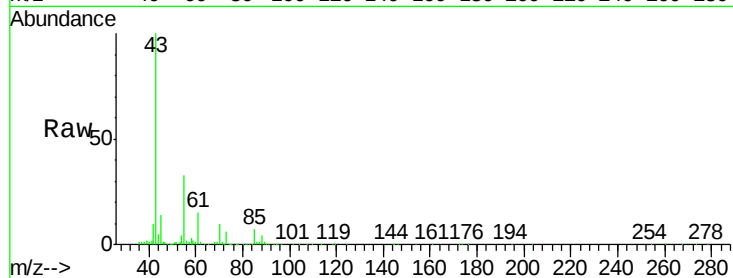




#37
Ethyl Acetate
Concen: 18.055 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

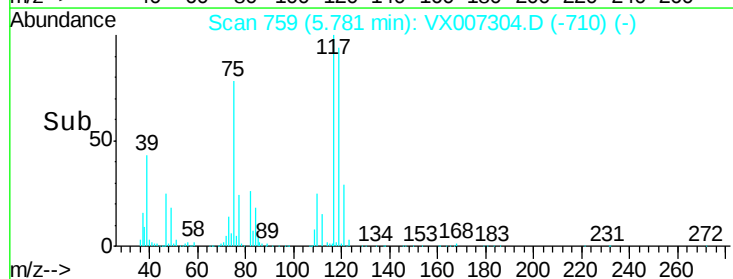
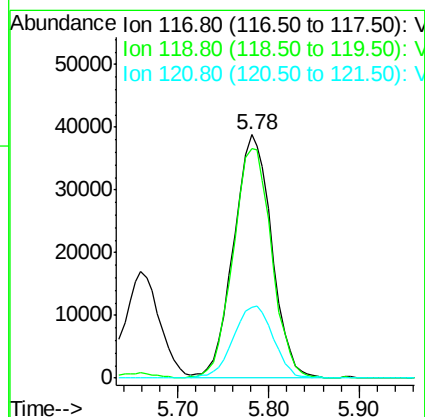
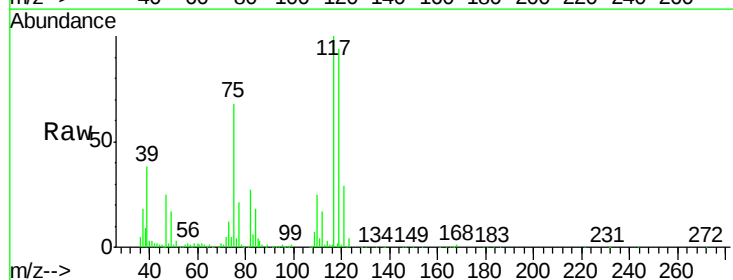
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

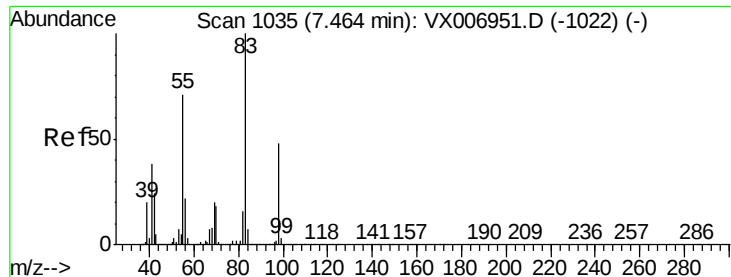
Tot Ion: 43 Resp: 123200
Ion Ratio Lower Upper
43 100
61 14.2 11.9 17.9
70 11.8 9.7 14.5



#38
Carbon Tetrachloride
Concen: 17.582 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

Tgt Ion: 117 Resp: 112593
Ion Ratio Lower Upper
117 100
119 94.5 79.4 119.2
121 29.0 24.0 36.0

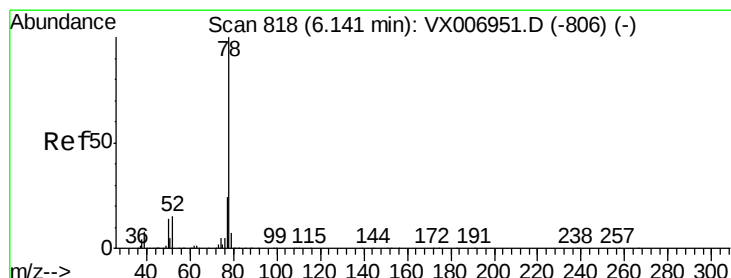
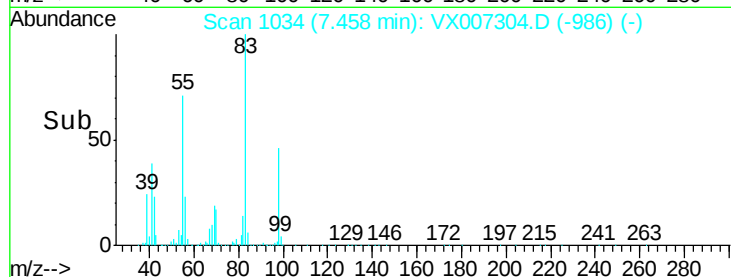
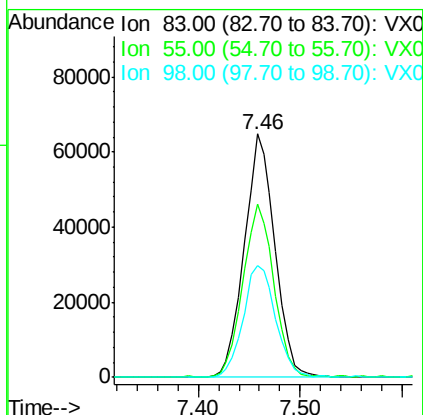
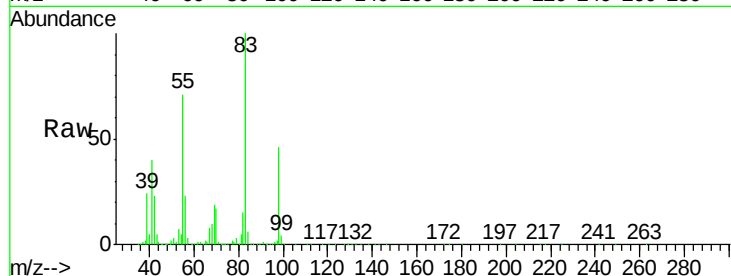




#39
Methvlcvclohexane
Concen: 16.662 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

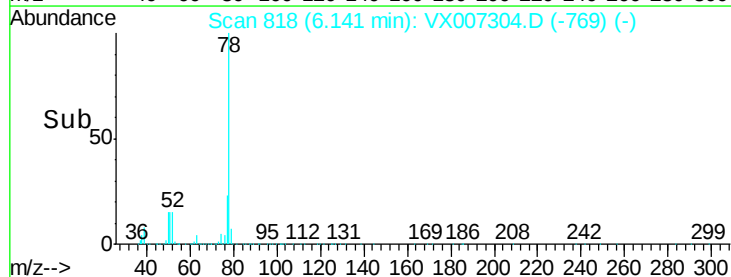
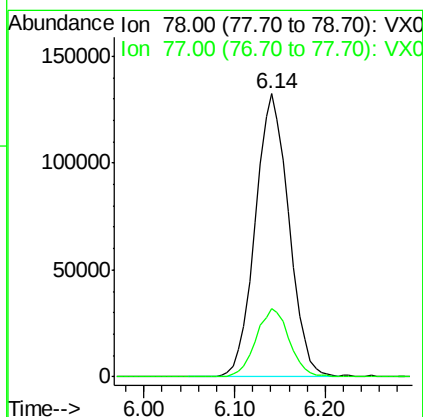
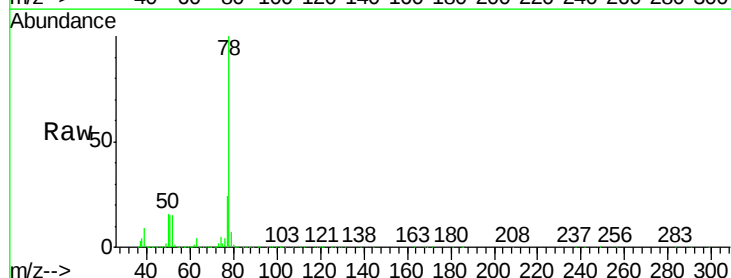
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

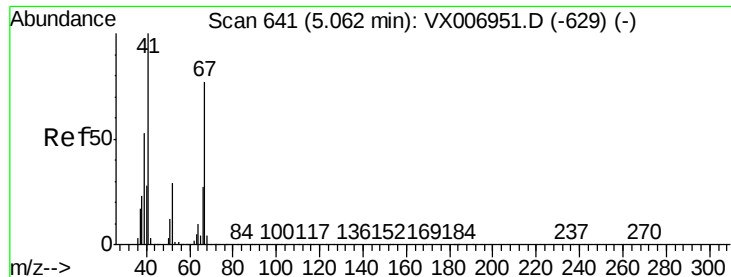
Tot Ion	83	Resp	135198
Ion Ratio	Lower	Upper	
83	100		
55	70.5	54.9	82.3
98	45.8	37.9	56.9



#40
Benzene
Concen: 17.463 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

Tgt Ion	78	Resp	339147
Ion Ratio	Lower	Upper	
78	100		
77	24.0	19.2	28.8





#41

Methacrylonitrile

Concen: 17.774 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

Tot Ion: 41 Resp: 69870

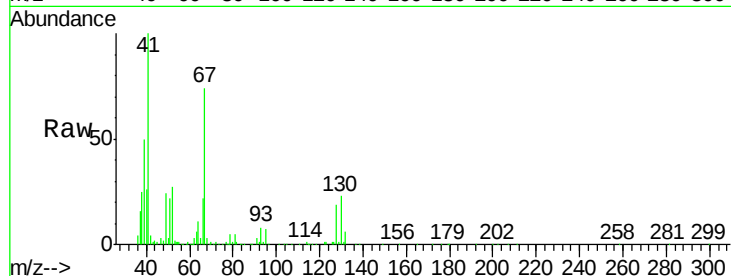
Ion Ratio Lower Upper

41 100

39 55.4 42.8 64.2

67 75.3 62.1 93.1

52 28.9 23.4 35.0

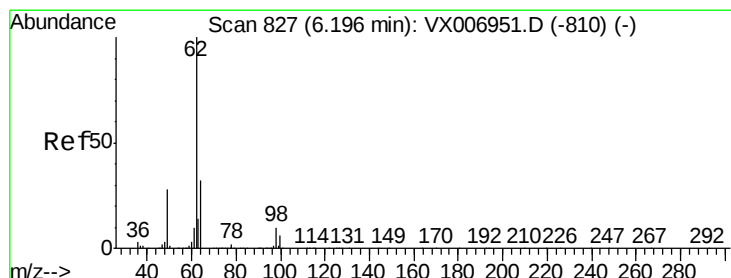
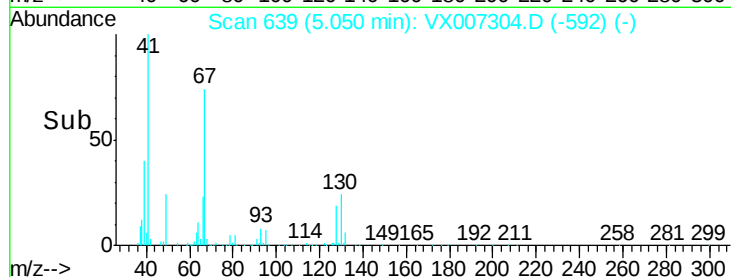
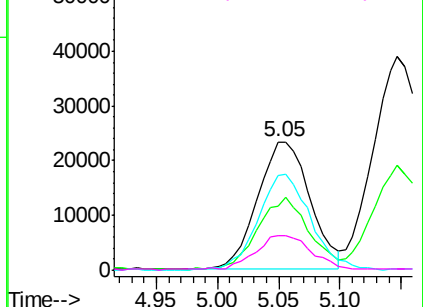


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 17.892 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007304.D

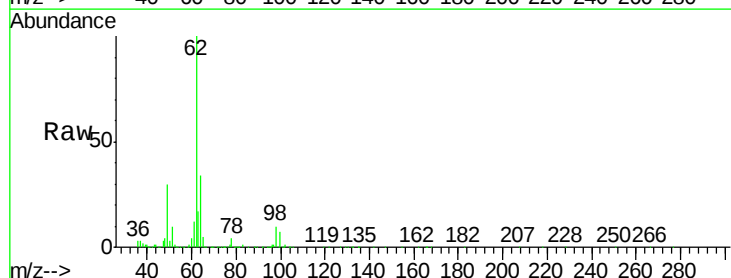
Acq: 30 Jan 2019 10:32

Tgt Ion: 62 Resp: 120075

Ion Ratio Lower Upper

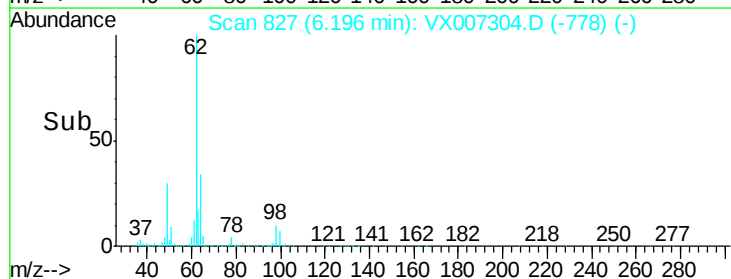
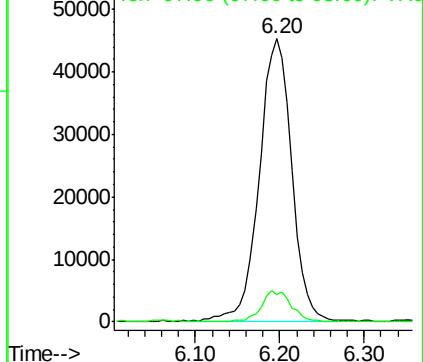
62 100

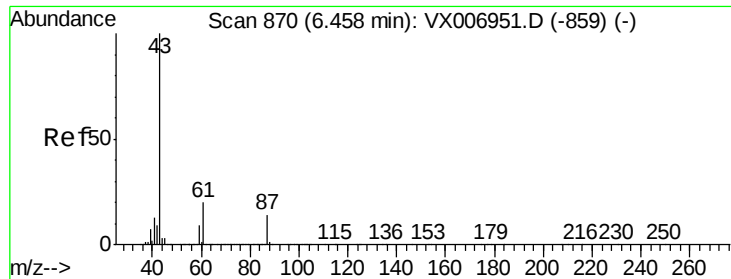
98 10.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



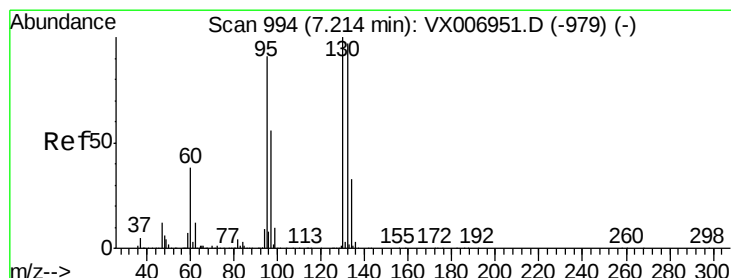
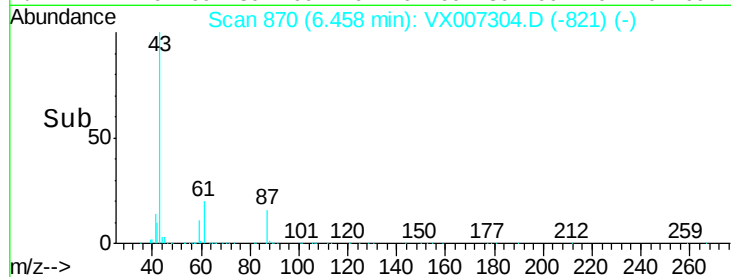
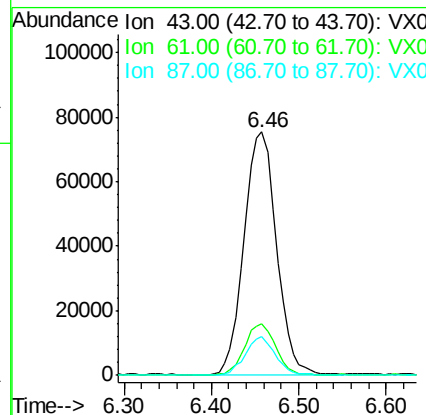
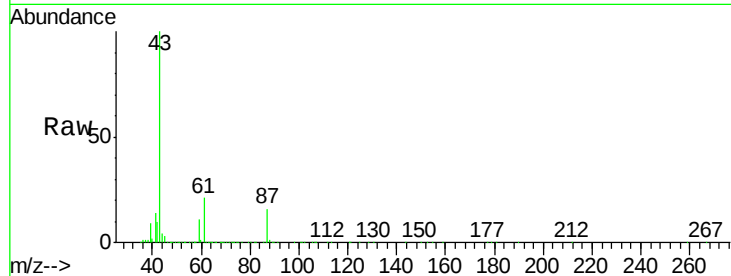


#43

Isopropyl Acetate
 Concen: 18.134 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007304.D
 Acq: 30 Jan 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS01

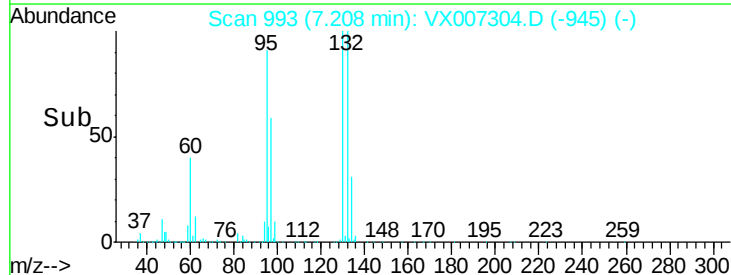
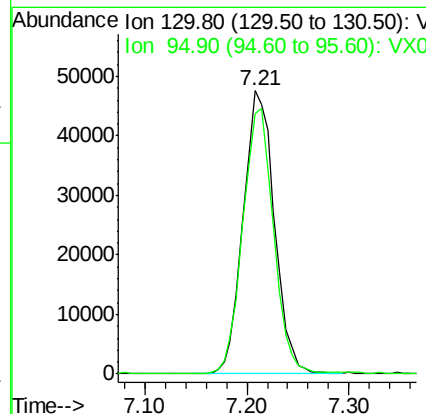
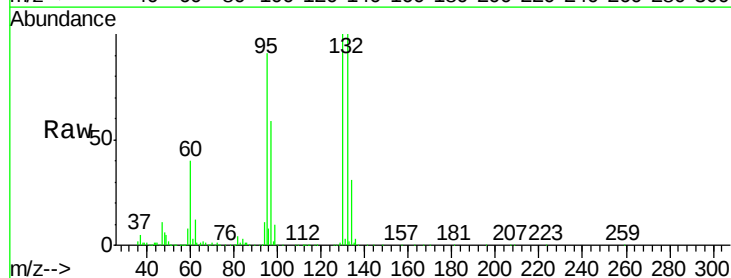
Tot Ion	43	Resp	195181
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.8	25.2
87	14.8	12.4	18.6

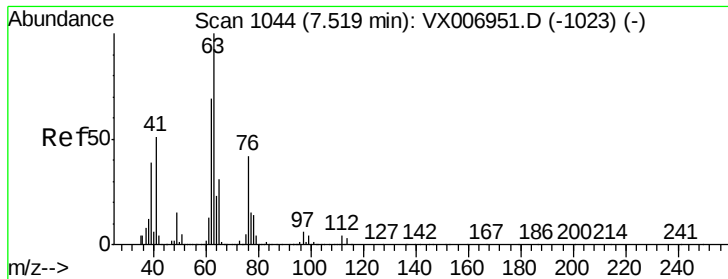


#44

Trichloroethene
 Concen: 17.396 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX007304.D
 Acq: 30 Jan 2019 10:32

Tgt Ion	130	Resp	101240
Ion Ratio	Lower	Upper	
130	100		
95	91.8	0.0	187.0





#45

1,2-Dichloropropane

Concen: 18.070 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

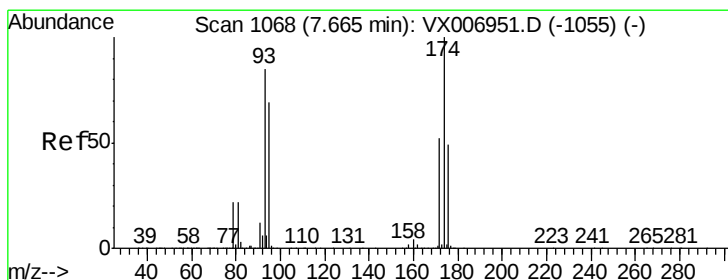
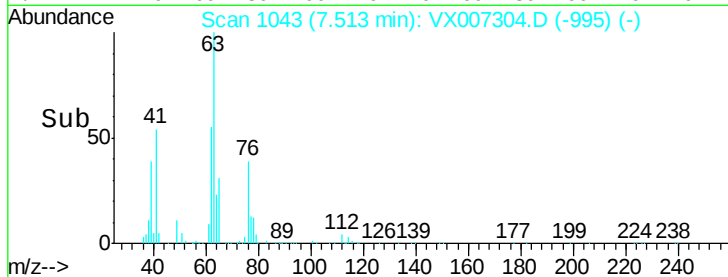
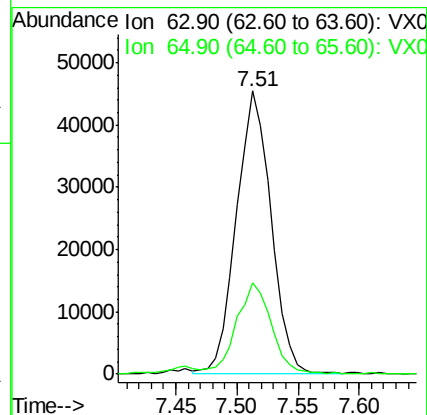
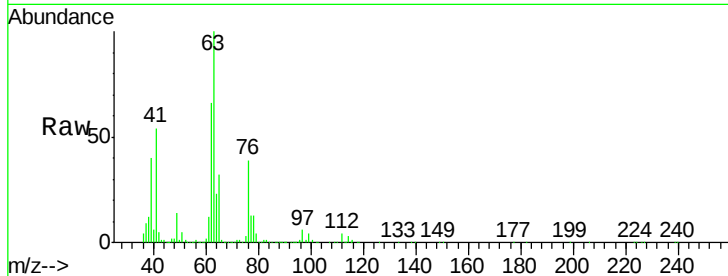
VX0131WBS01

Tot Ion: 63 Resp: 88229

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.0



#46

Dibromomethane

Concen: 18.268 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

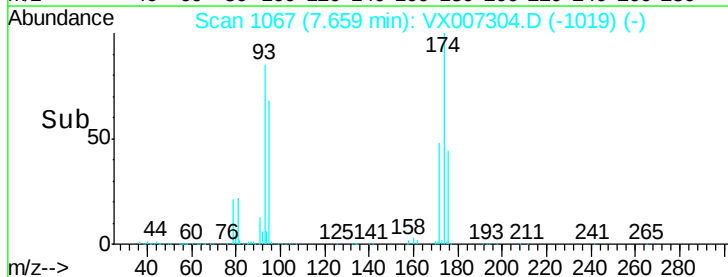
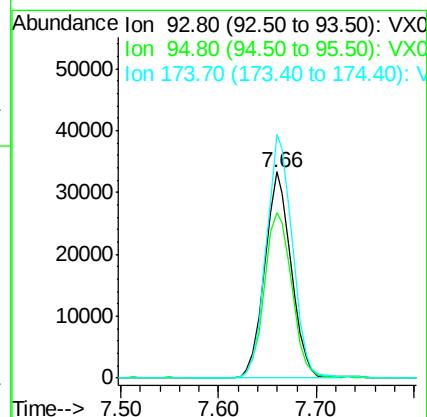
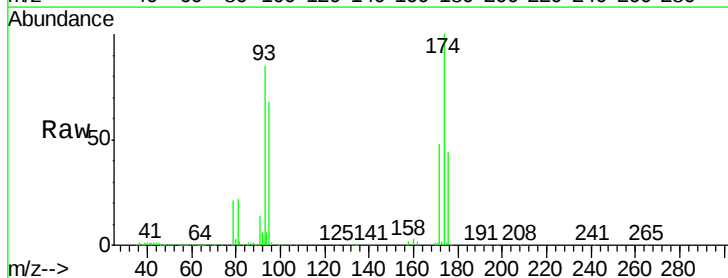
Tgt Ion: 93 Resp: 62687

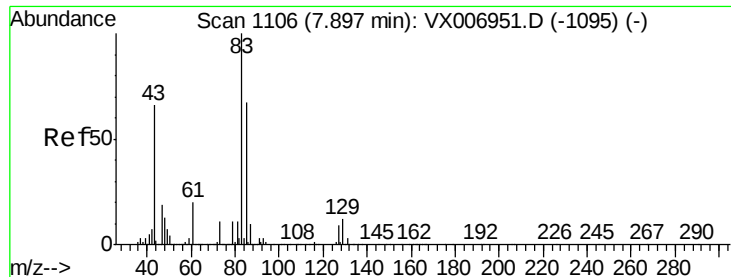
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 116.2 91.0 136.4





#47

Bromodichloromethane

Concen: 18.917 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

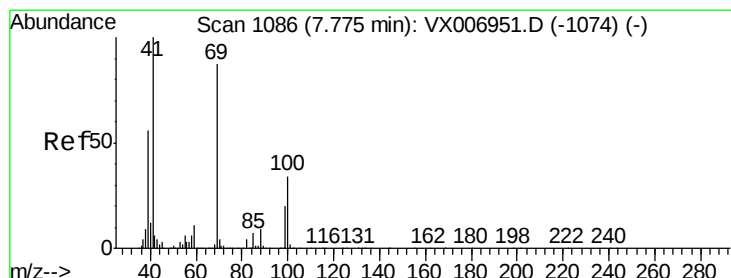
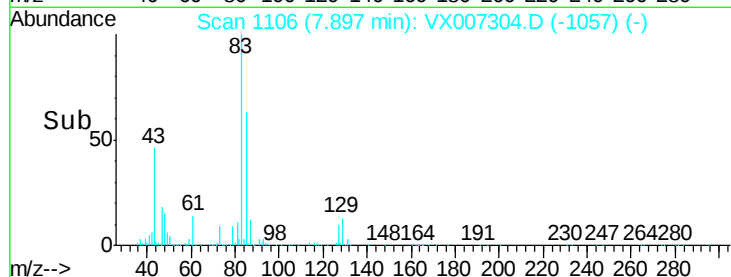
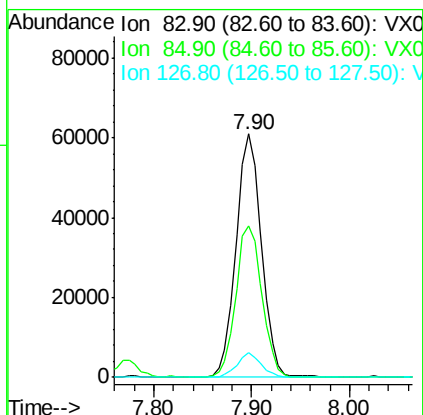
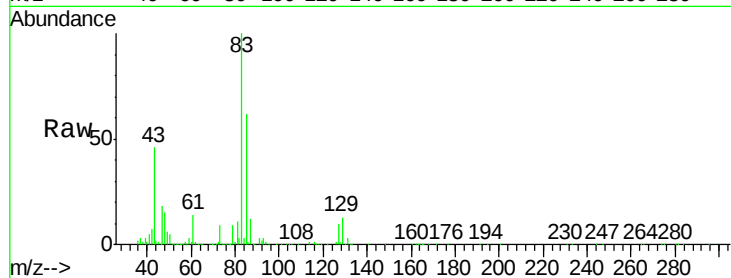
Tot Ion: 83 Resp: 110489

Ion Ratio Lower Upper

83 100

85 62.2 53.2 79.8

127 10.0 7.8 11.6



#48

Methyl methacrylate

Concen: 17.830 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

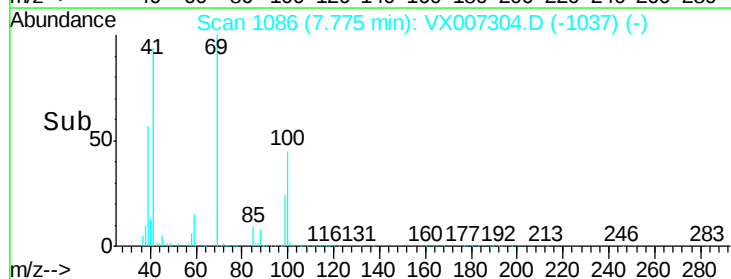
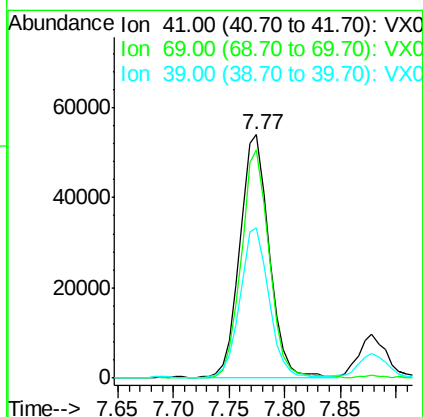
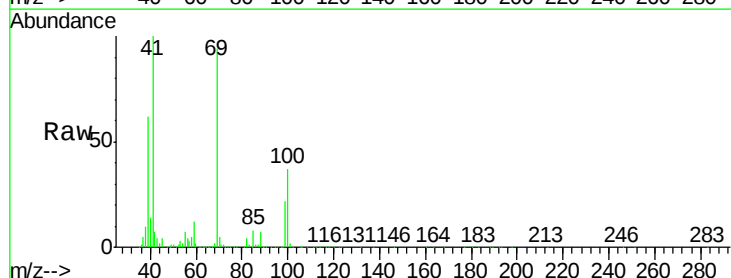
Tgt Ion: 41 Resp: 98554

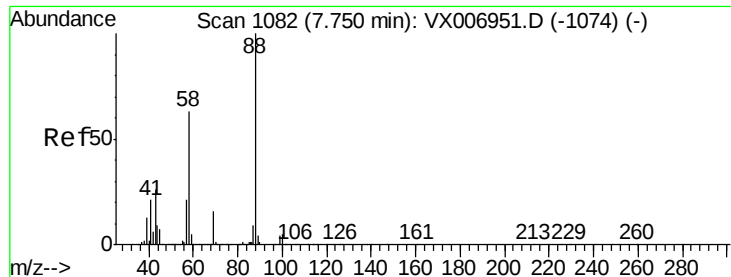
Ion Ratio Lower Upper

41 100

69 90.2 72.4 108.6

39 60.6 45.8 68.8





#49

1,4-Dioxane

Concen: 371.556 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

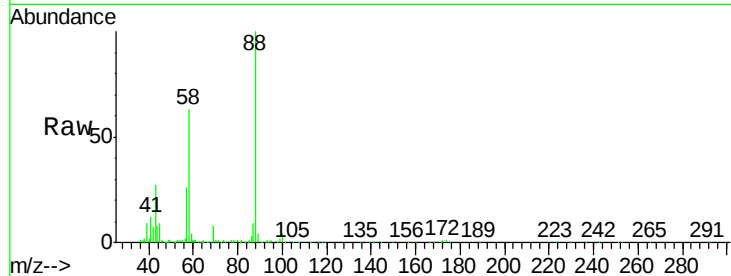
Tot Ion: 88 Resp: 47582

Ion Ratio Lower Upper

88 100

43 31.9 22.2 33.4

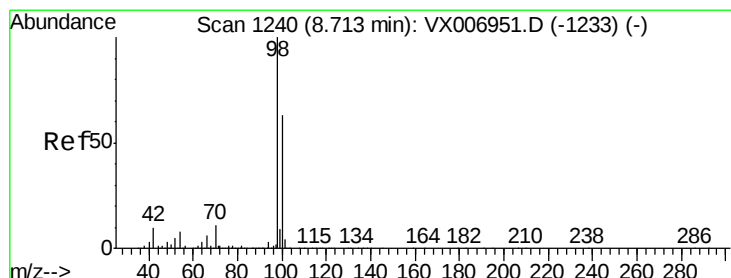
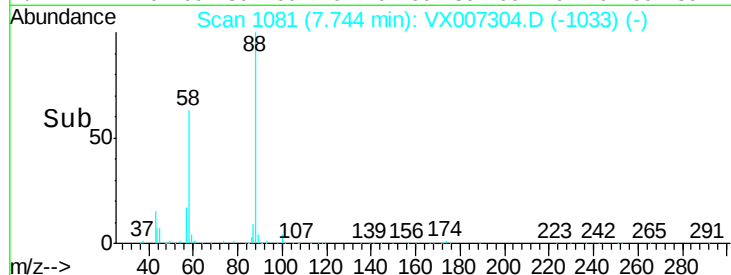
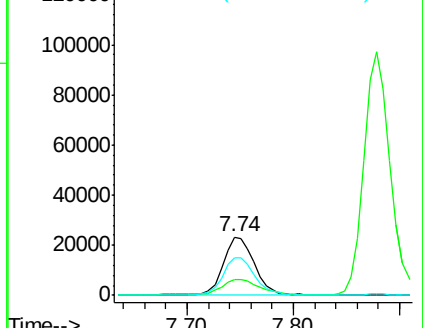
58 65.5 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 45.452 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007304.D

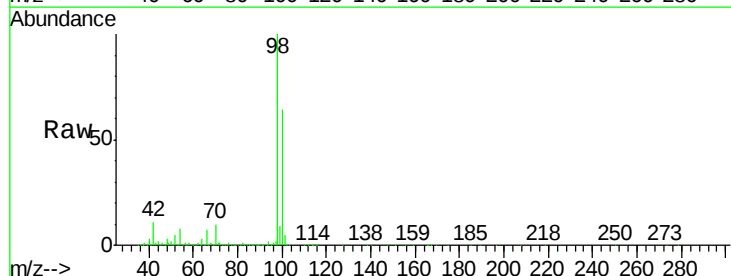
Acq: 30 Jan 2019 10:32

Tgt Ion: 98 Resp: 779961

Ion Ratio Lower Upper

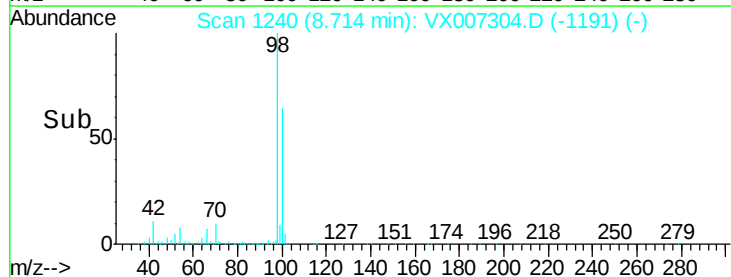
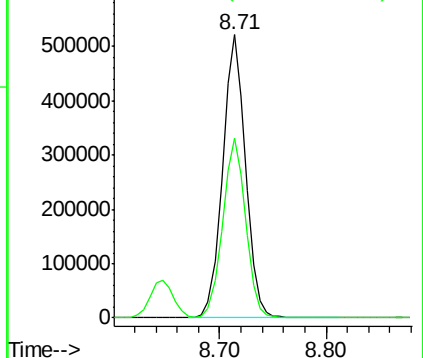
98 100

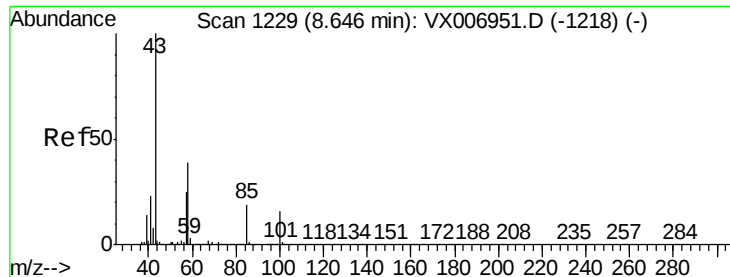
100 63.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 97.716 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

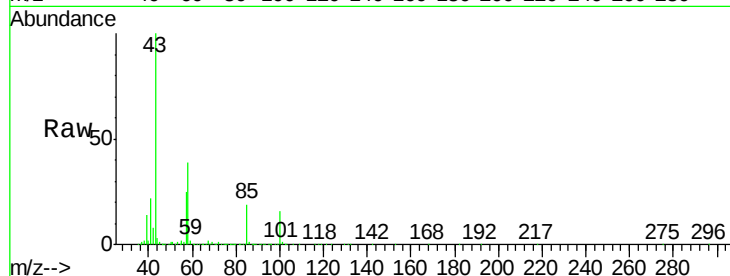
VX0131WBS01

Tot Ion: 43 Resp: 675923

Ion Ratio Lower Upper

43 100

58 39.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

400000

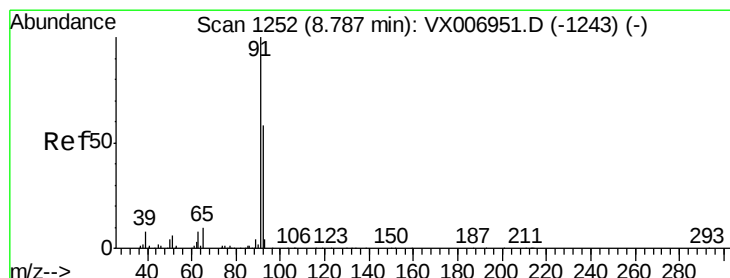
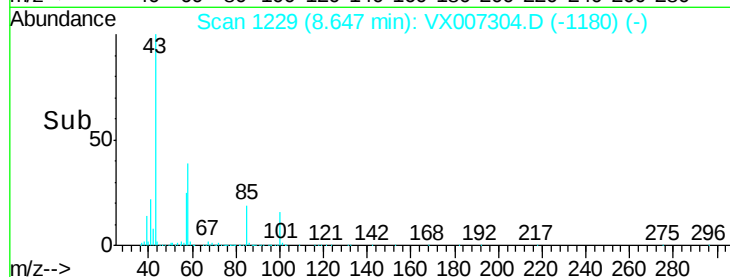
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.247 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007304.D

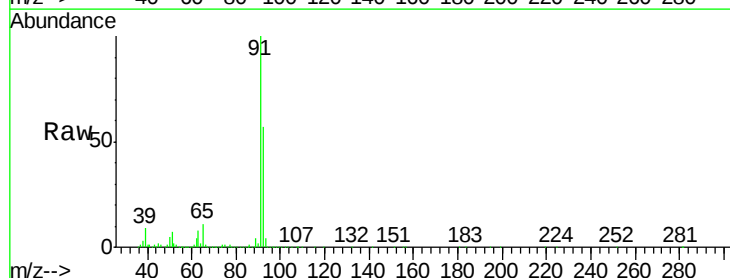
Acq: 30 Jan 2019 10:32

Tgt Ion: 92 Resp: 227767

Ion Ratio Lower Upper

92 100

91 175.0 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

300000

250000

200000

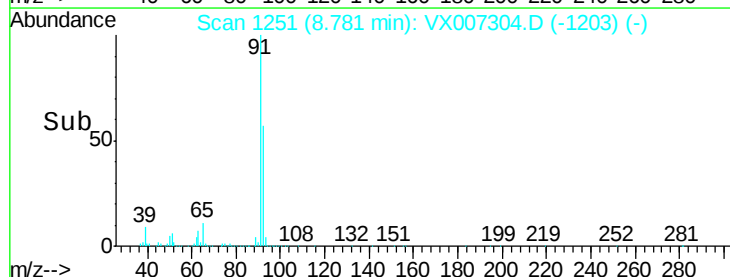
150000

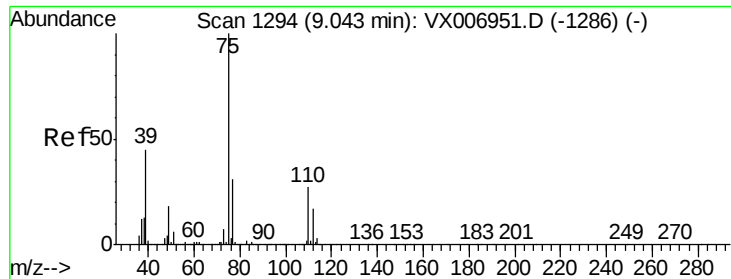
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.320 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

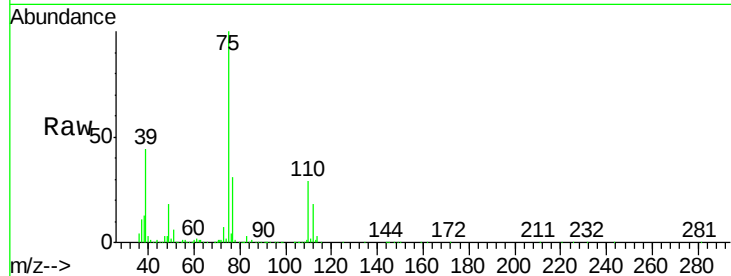
VX0131WBS01

Tot Ion: 75 Resp: 118652

Ion Ratio Lower Upper

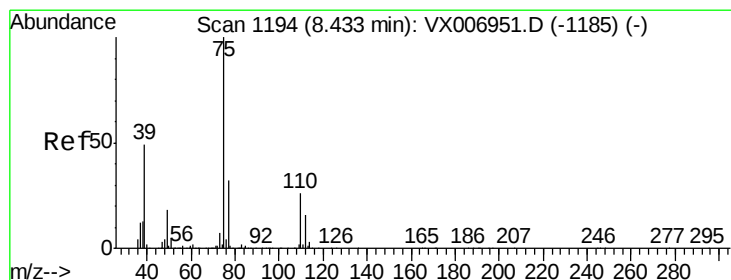
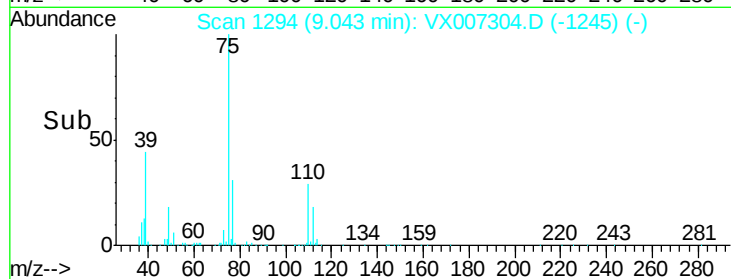
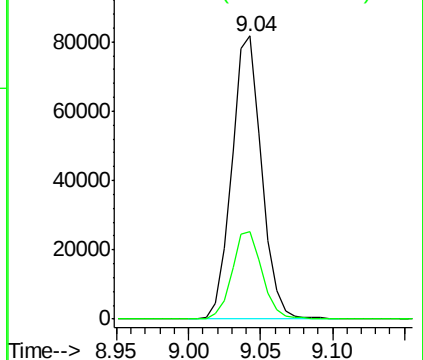
75 100

77 30.9 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.203 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

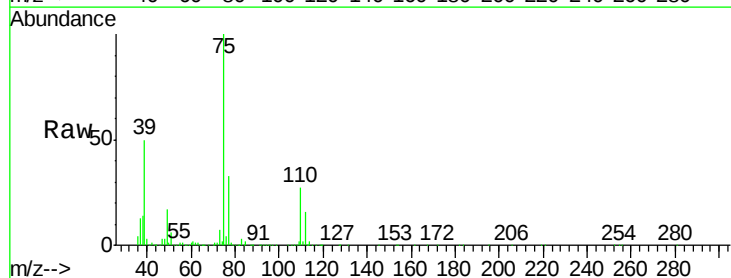
Tgt Ion: 75 Resp: 130194

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

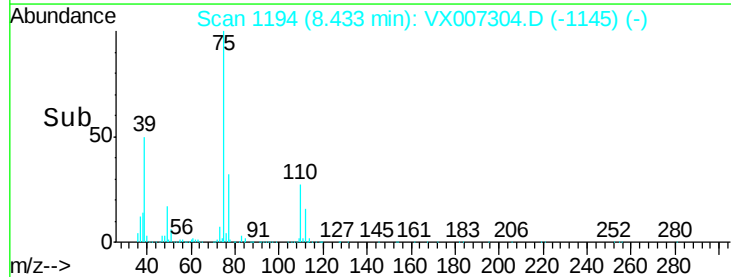
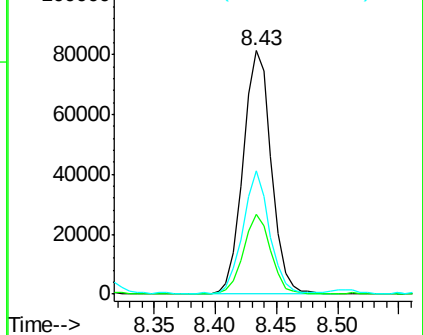
39 50.1 36.7 55.1

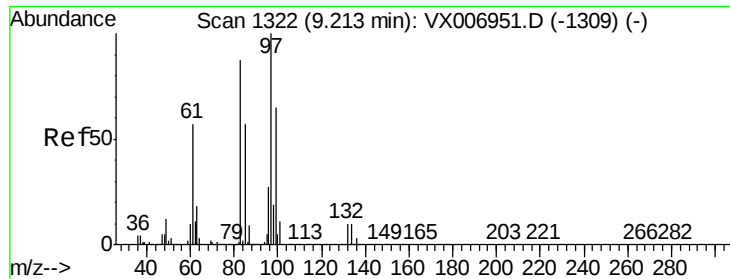


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.941 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampled :

VX0131WBS01

Tot Ion: 97 Resp: 99631

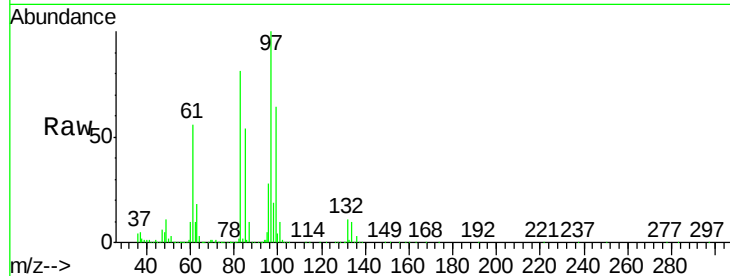
Ion Ratio Lower Upper

97 100

83 80.7 66.6 99.8

85 54.2 42.7 64.1

99 64.1 50.8 76.2

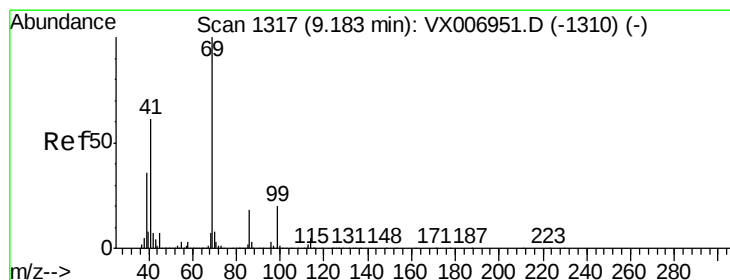
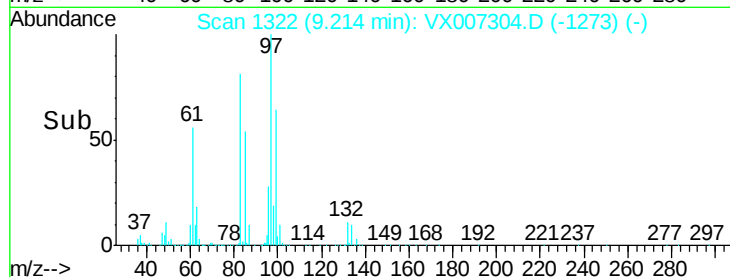
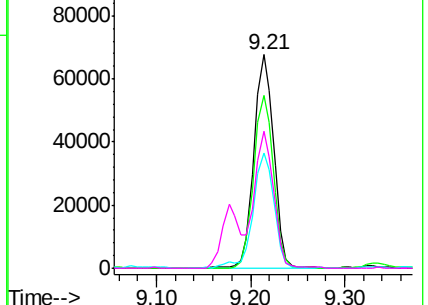


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.031 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

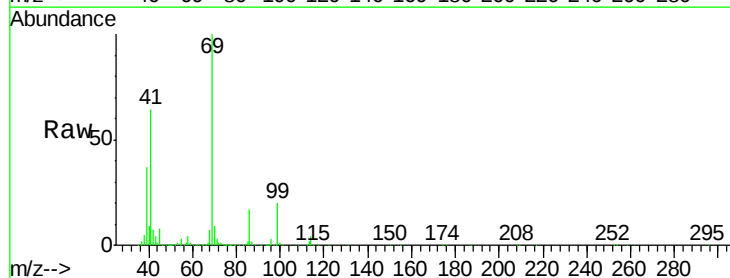
Tgt Ion: 69 Resp: 138814

Ion Ratio Lower Upper

69 100

41 64.3 48.7 73.1

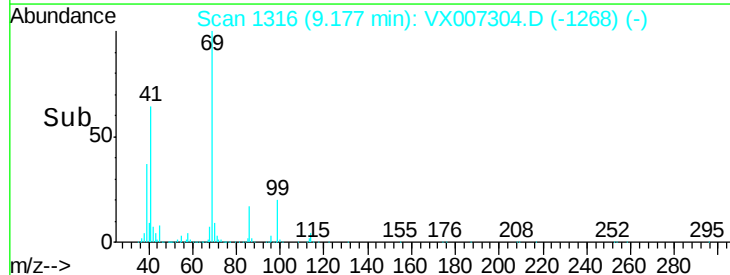
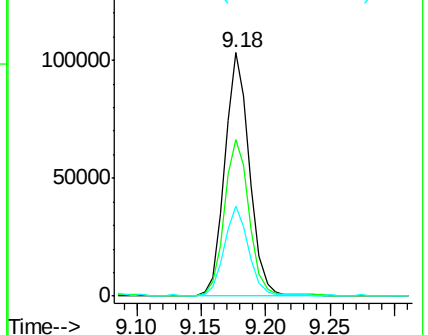
39 36.4 27.0 40.6

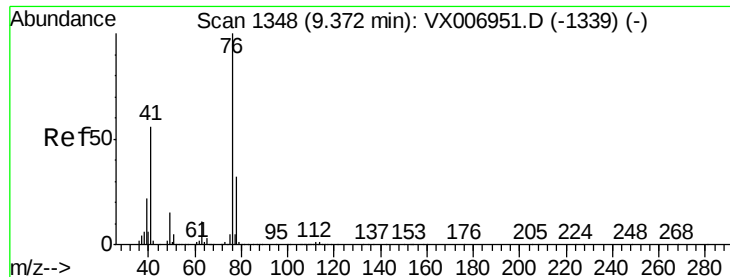


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.011 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

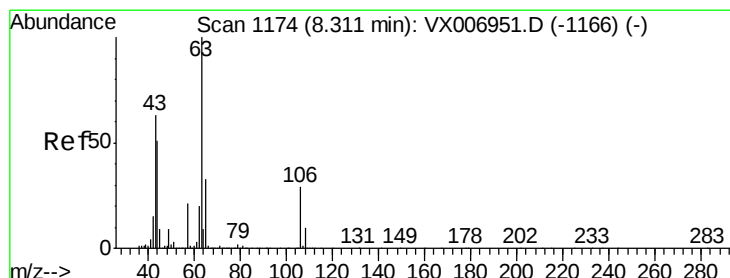
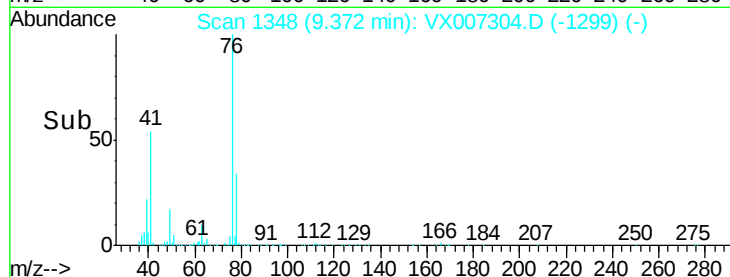
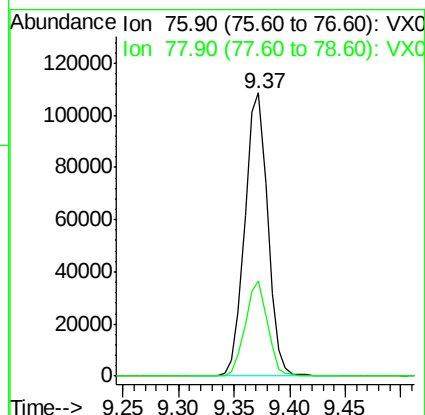
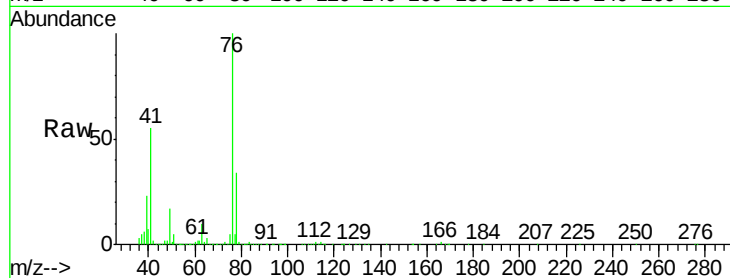
VX0131WBS01

Tot Ion: 76 Resp: 155610

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 91.220 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007304.D

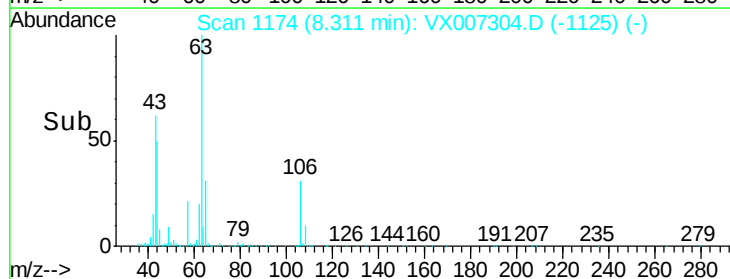
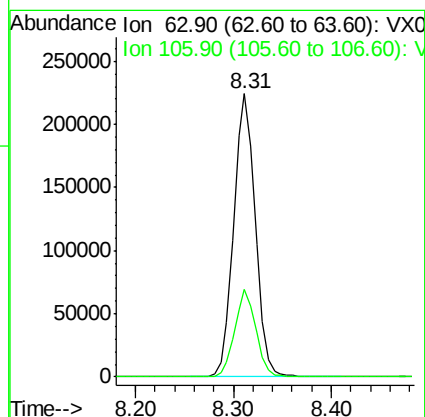
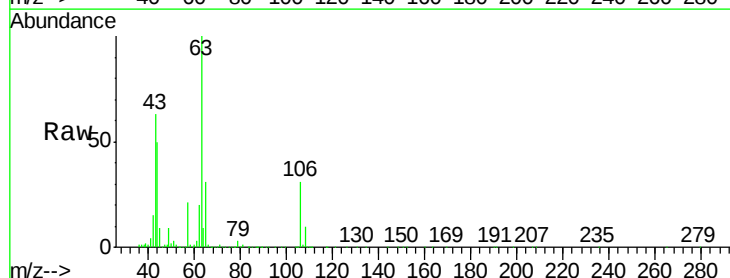
Acq: 30 Jan 2019 10:32

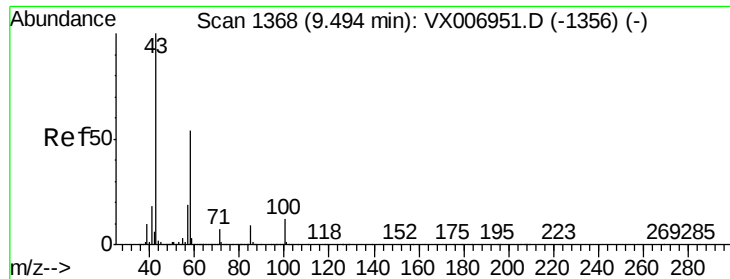
Tgt Ion: 63 Resp: 342096

Ion Ratio Lower Upper

63 100

106 30.5 24.6 36.8

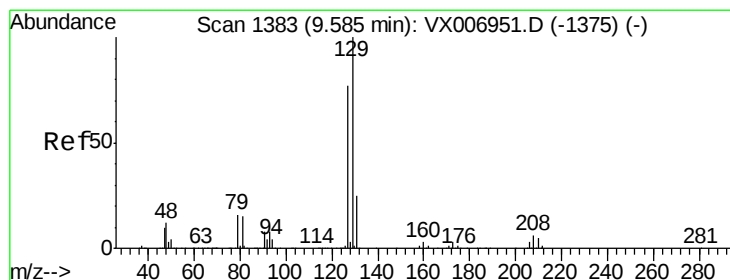
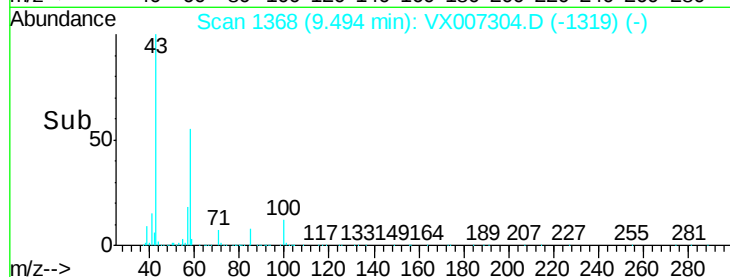
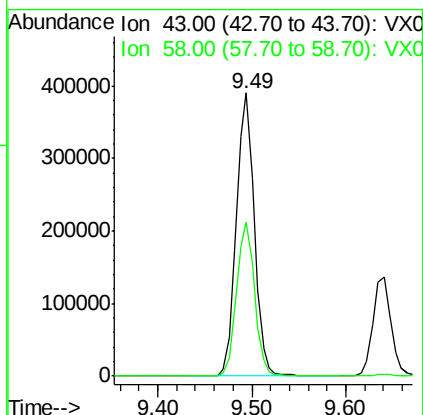
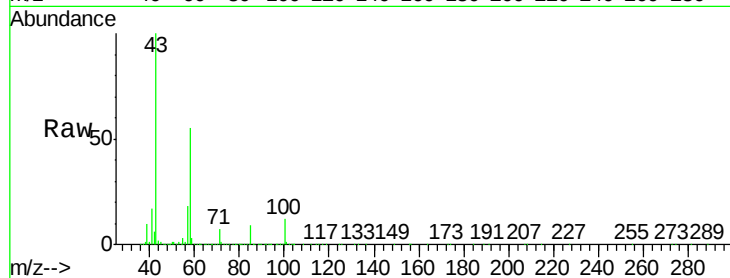




#59
2-Hexanone
Concen: 98.273 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

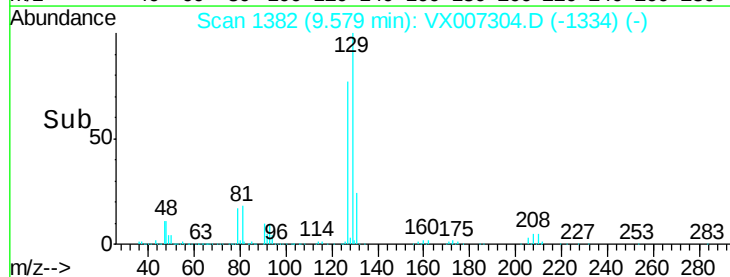
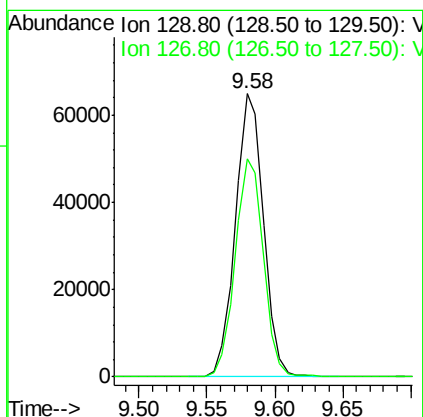
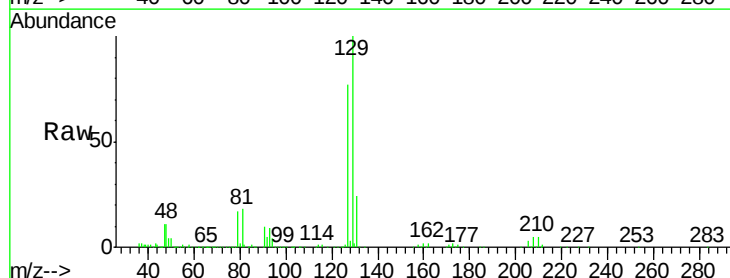
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

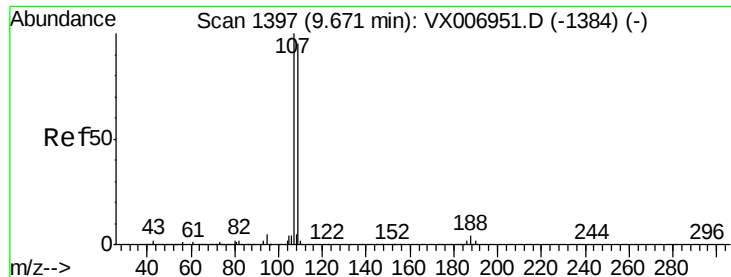
Tot Ion: 43 Resp: 518030
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1



#60
Dibromochloromethane
Concen: 19.194 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

Tgt Ion: 129 Resp: 93120
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 18.756 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

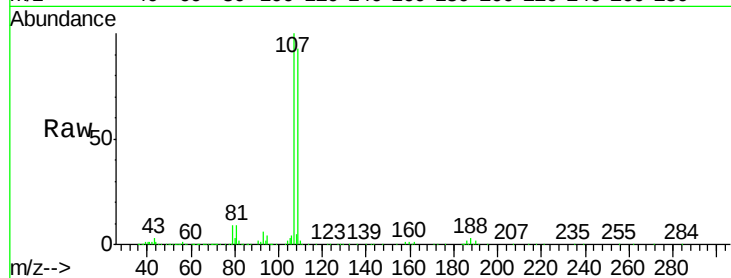
VX0131WBS01

Tot Ion:107 Resp: 103165

Ion Ratio Lower Upper

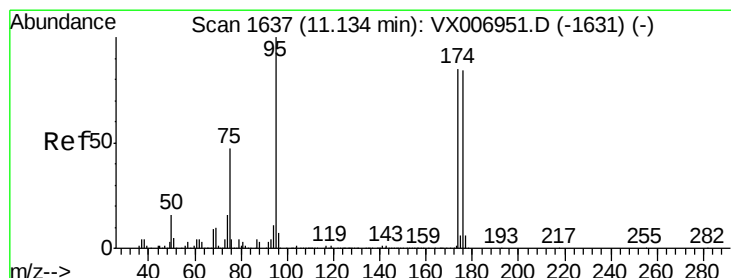
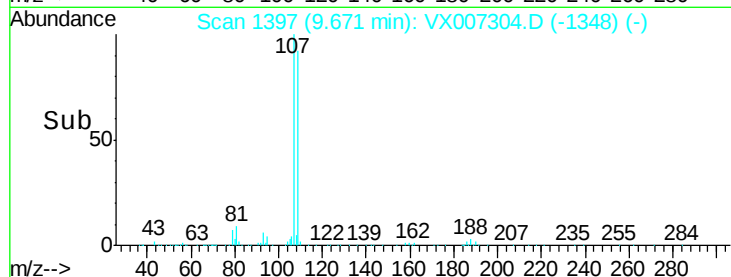
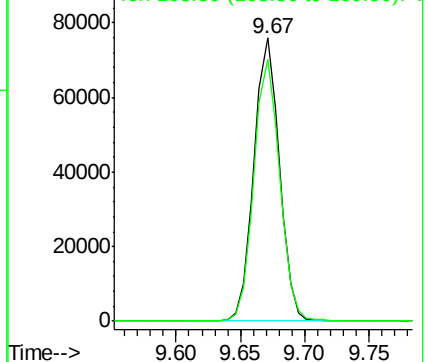
107 100

109 94.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.229 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

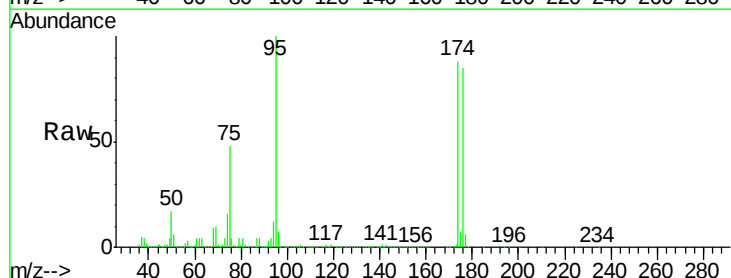
Tgt Ion: 95 Resp: 294513

Ion Ratio Lower Upper

95 100

174 93.8 0.0 182.2

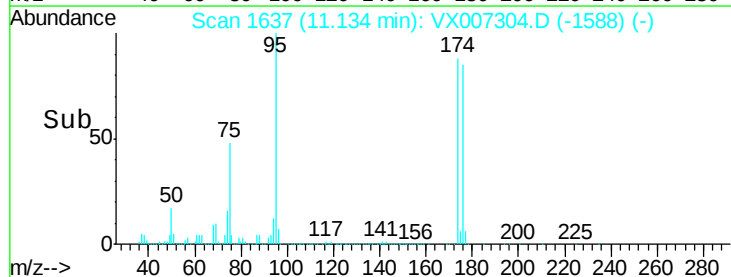
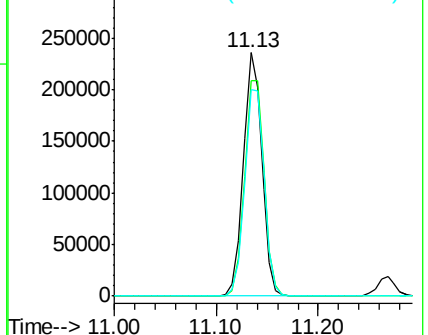
176 90.1 0.0 178.8

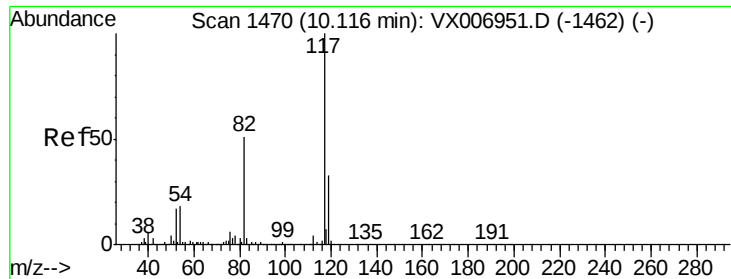


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

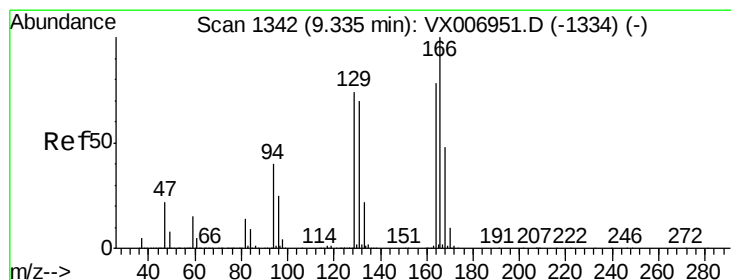
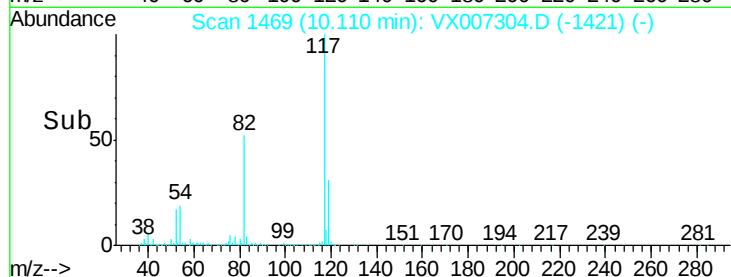
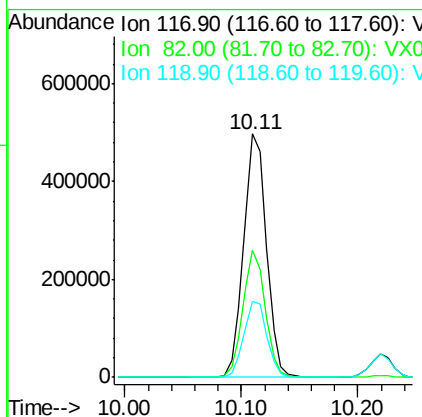
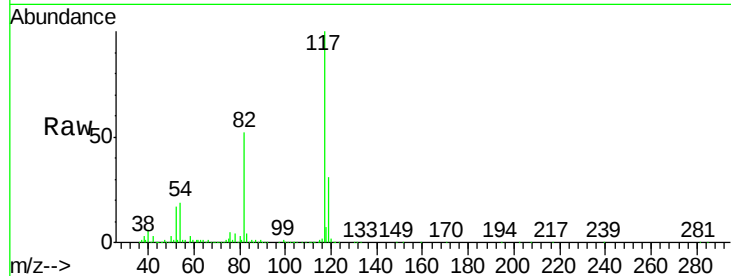




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

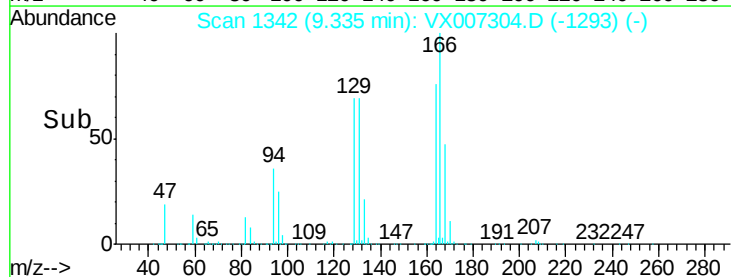
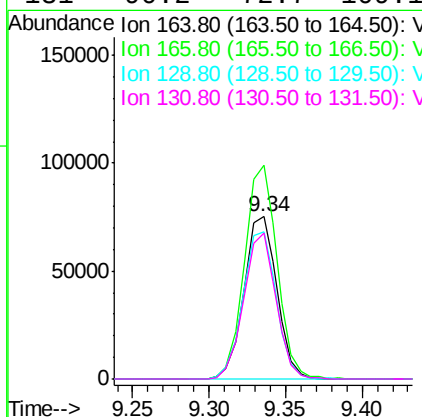
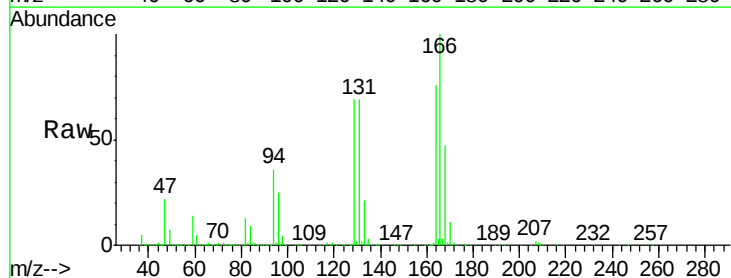
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

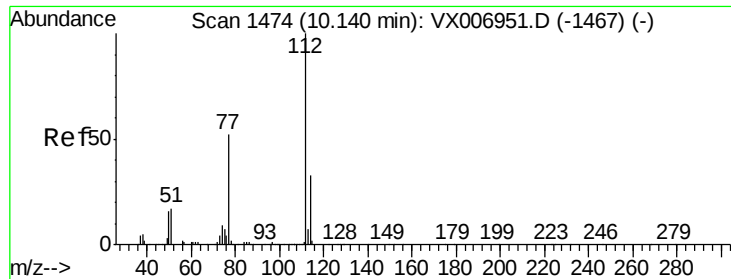
Tot Ion:117 Resp: 681820
Ion Ratio Lower Upper
117 100
82 52.2 41.0 61.6
119 31.4 25.4 38.0



#64
Tetrachloroethene
Concen: 19.045 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

Tgt Ion:164 Resp: 112424
Ion Ratio Lower Upper
164 100
166 131.6 102.5 153.7
129 90.6 75.1 112.7
131 90.2 72.7 109.1





#65

Chlorobenzene

Concen: 18.320 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

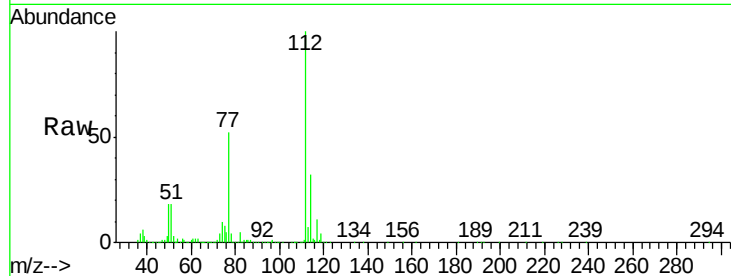
VX0131WBS01

Tot Ion:112 Resp: 272430

Ion Ratio Lower Upper

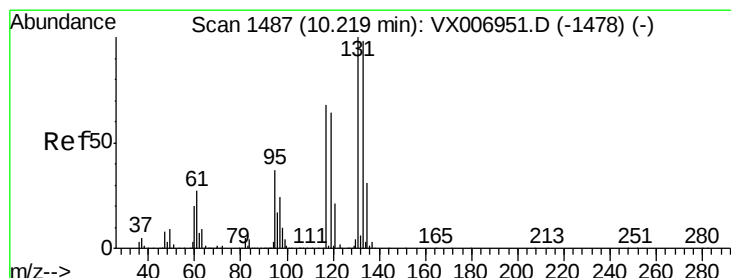
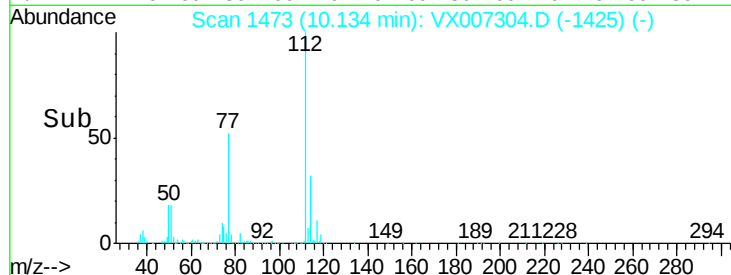
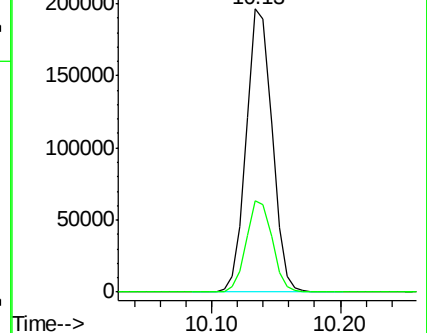
112 100

114 32.1 25.7 38.5



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: 18.709 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

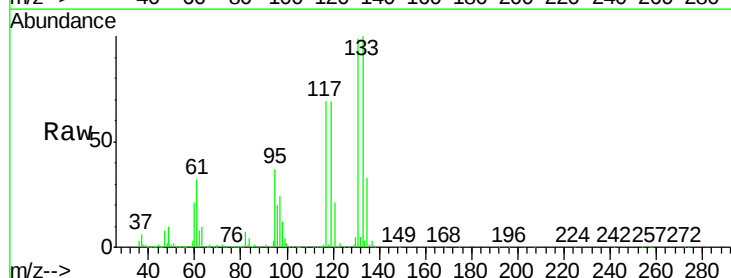
Tgt Ion:131 Resp: 93595

Ion Ratio Lower Upper

131 100

133 96.3 48.0 144.2

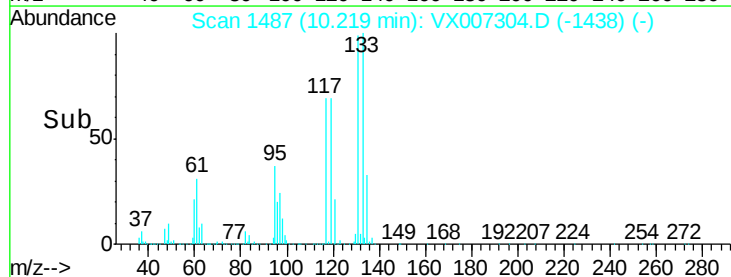
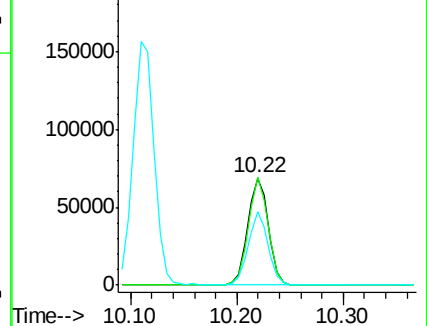
119 66.2 32.6 97.8

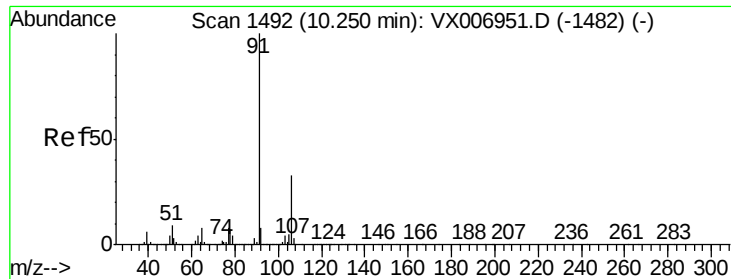


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 17.959 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampled :

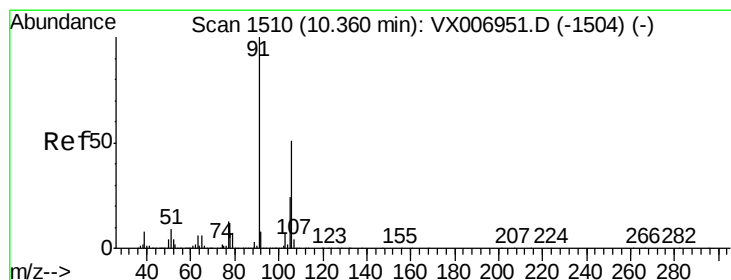
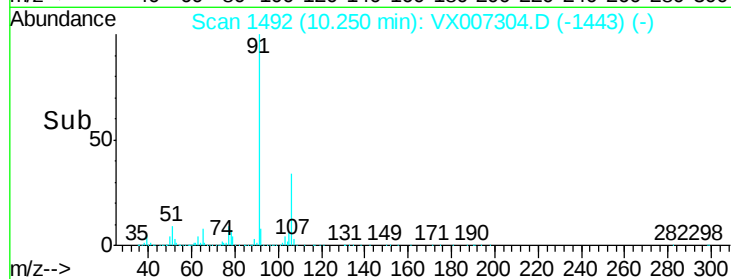
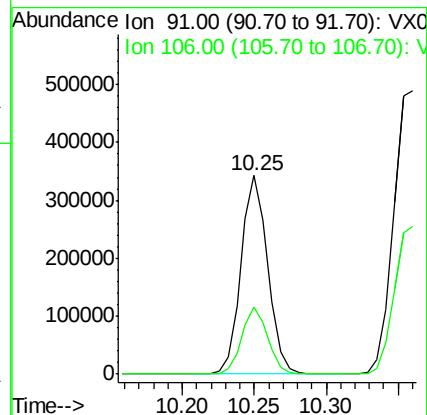
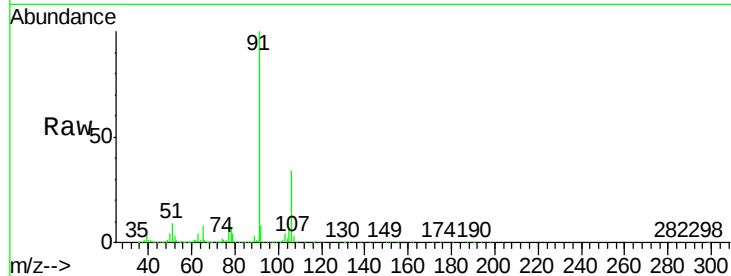
VX0131WBS01

Tot Ion: 91 Resp: 440894

Ion Ratio Lower Upper

91 100

106 33.8 26.4 39.6



#68

m/p-Xylenes

Concen: 36.069 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007304.D

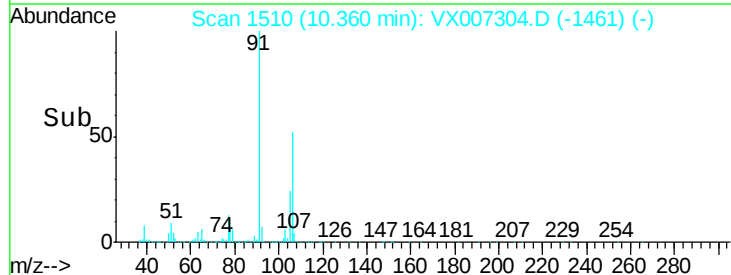
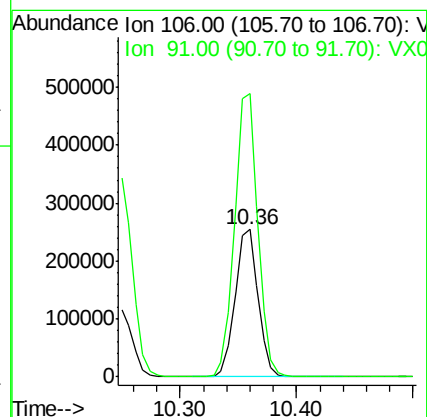
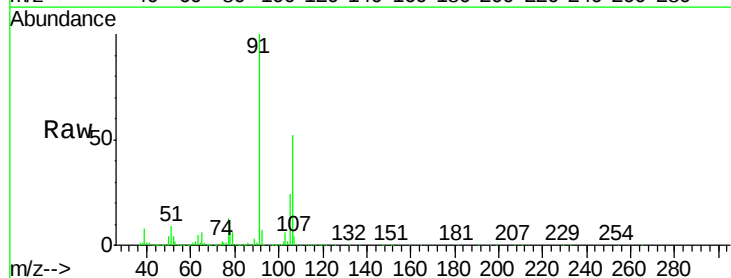
Acq: 30 Jan 2019 10:32

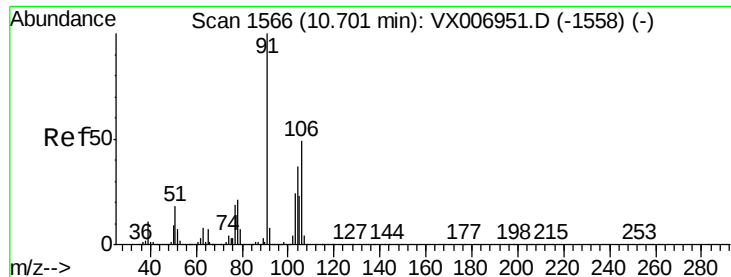
Tgt Ion: 106 Resp: 348873

Ion Ratio Lower Upper

106 100

91 194.4 155.8 233.6

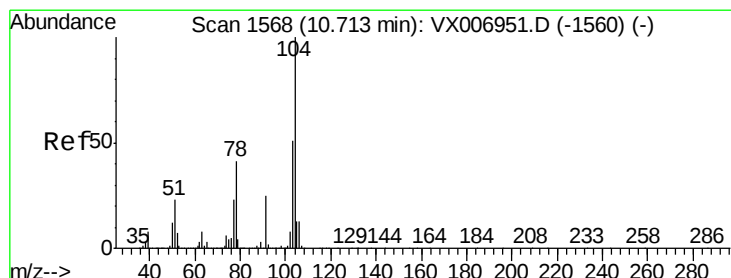
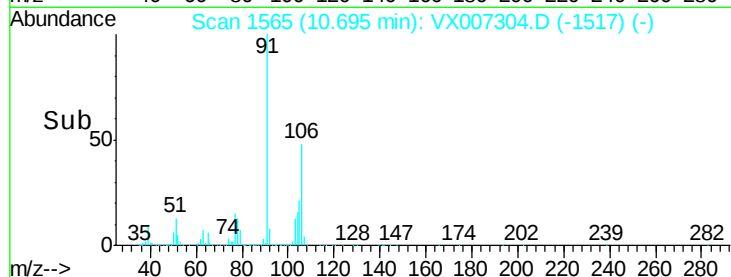
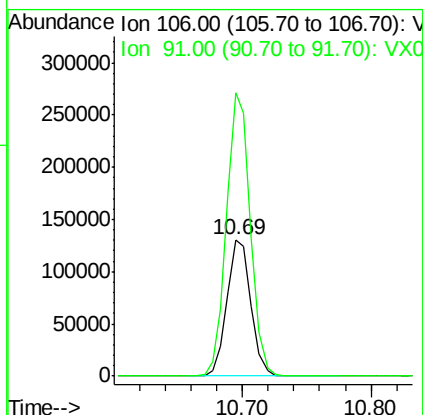
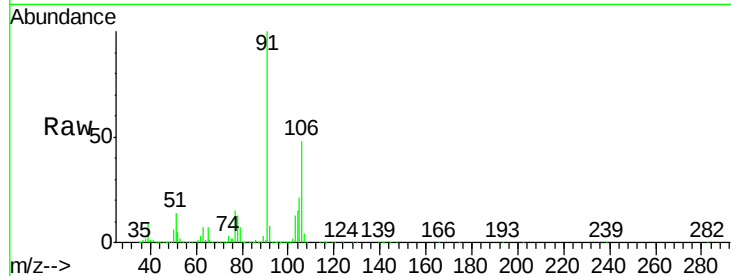




#69
o-Xylene
Concen: 18.211 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

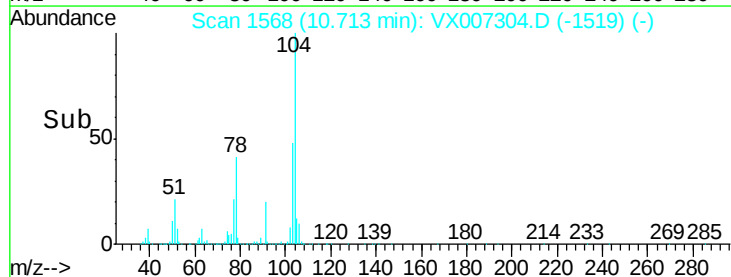
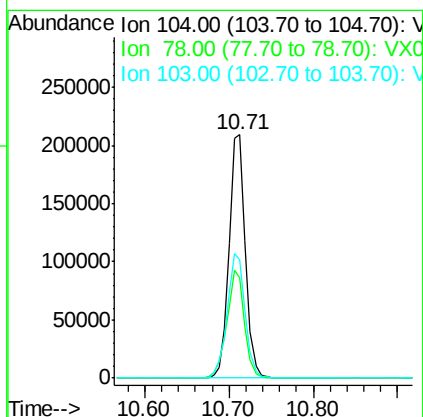
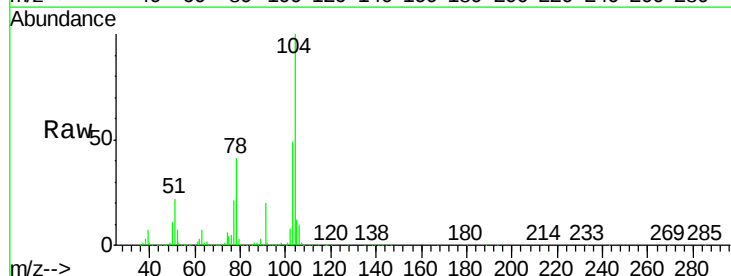
Instrument :
MSVOA_X
ClientSampled :
VX0131WBS01

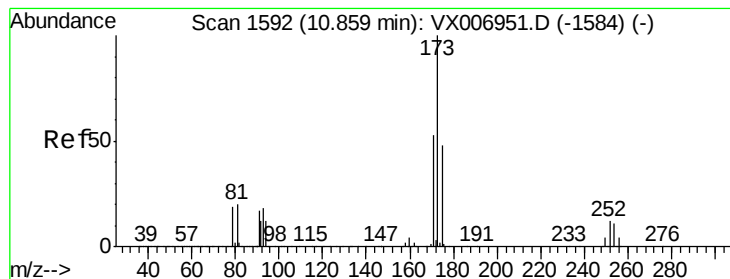
Tot Ion:106 Resp: 171786
Ion Ratio Lower Upper
106 100
91 206.3 101.3 303.7



#70
Styrene
Concen: 18.718 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

Tgt Ion:104 Resp: 279644
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 56.2 43.8 65.8





#71

Bromoform

Concen: 18.881 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

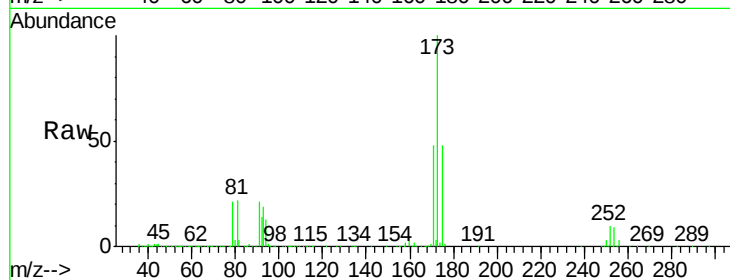
Tot Ion:173 Resp: 69960

Ion Ratio Lower Upper

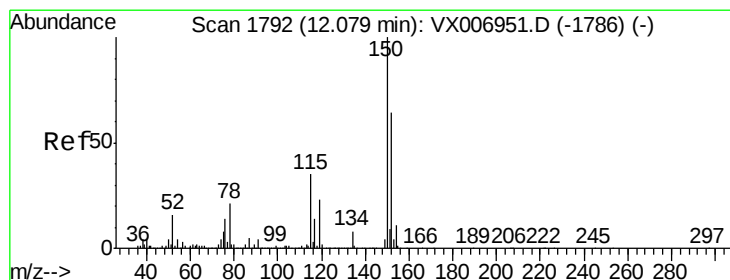
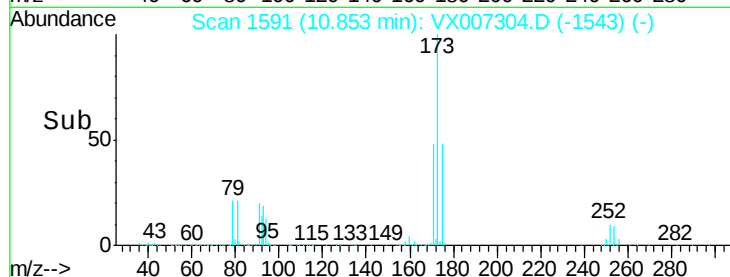
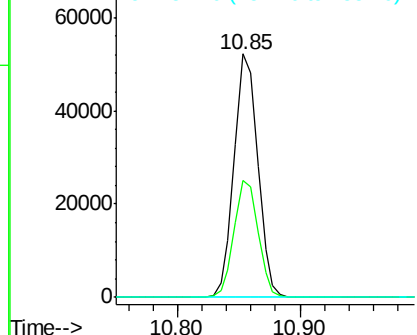
173 100

175 49.1 24.7 74.1

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

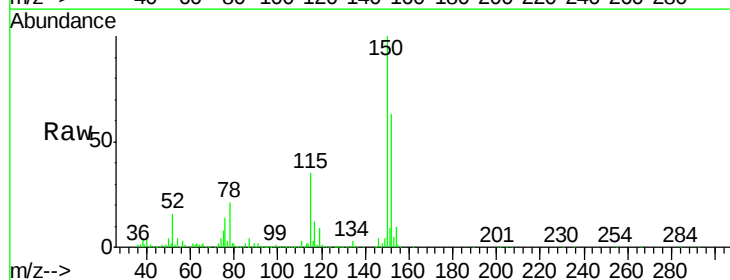
Tgt Ion:152 Resp: 365022

Ion Ratio Lower Upper

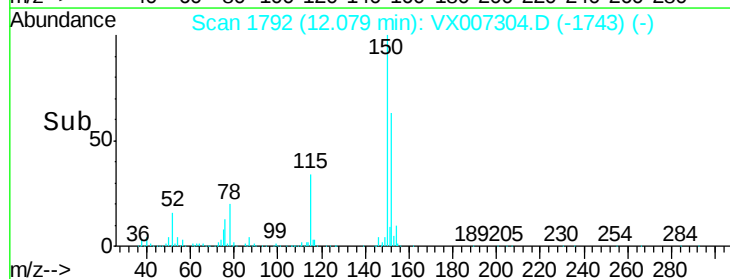
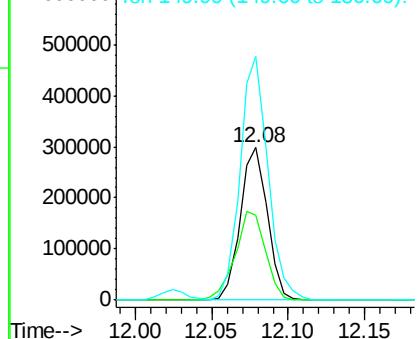
152 100

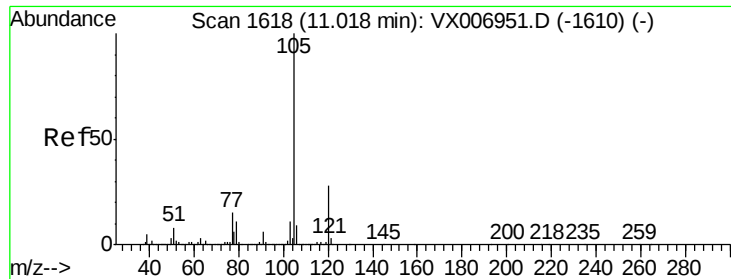
115 64.8 39.1 117.2

150 164.3 0.0 344.8



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: 18.172 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

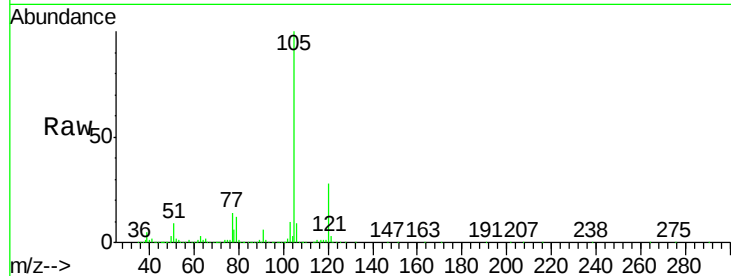
VX0131WBS01

Tot Ion:105 Resp: 467730

Ion Ratio Lower Upper

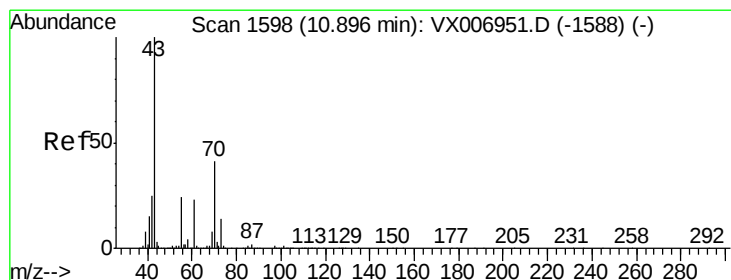
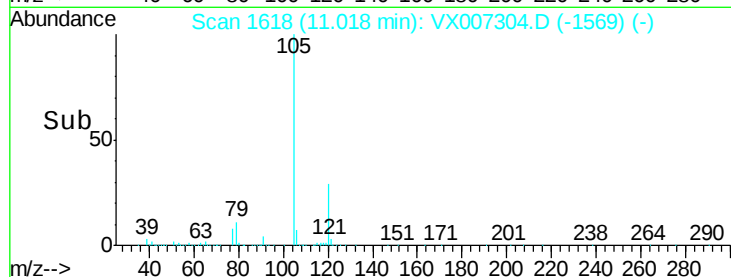
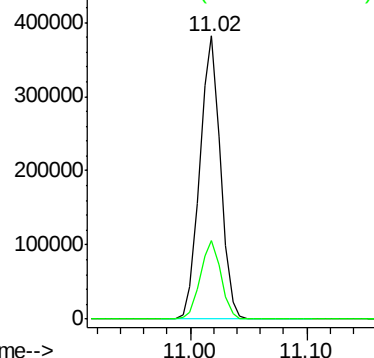
105 100

120 27.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.596 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Tgt Ion: 43 Resp: 182345

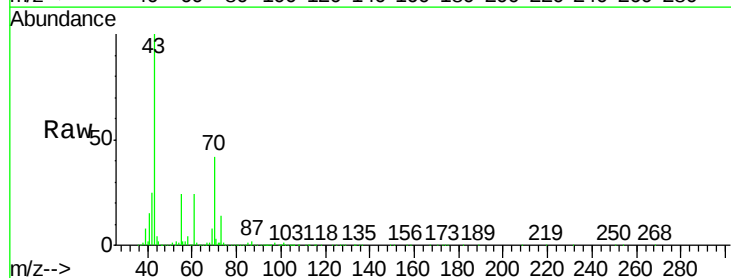
Ion Ratio Lower Upper

43 100

70 43.3 35.8 53.8

55 25.5 19.4 29.0

61 24.5 20.1 30.1

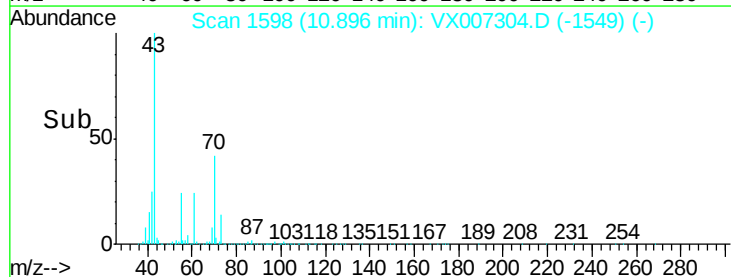
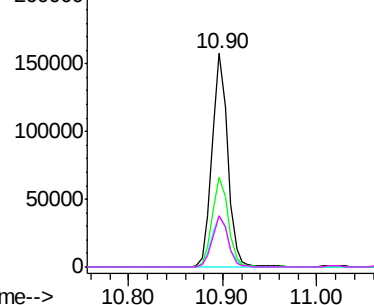


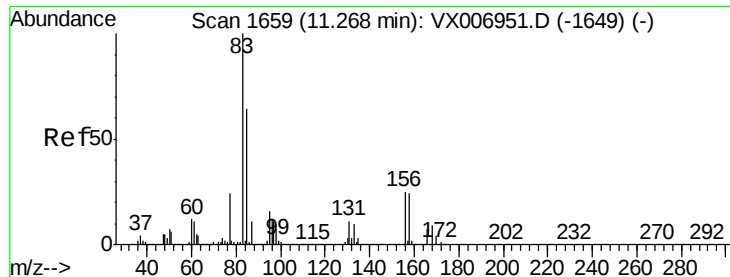
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.588 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampled :

VX0131WBS01

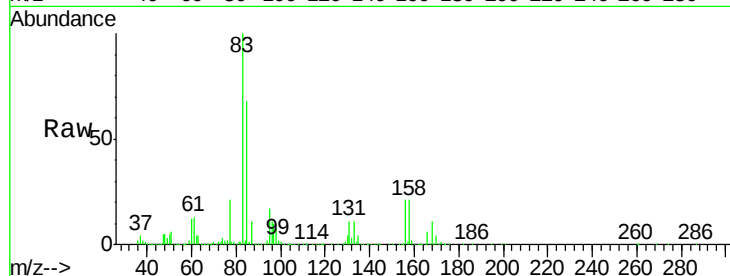
Tot Ion: 83 Resp: 143720

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

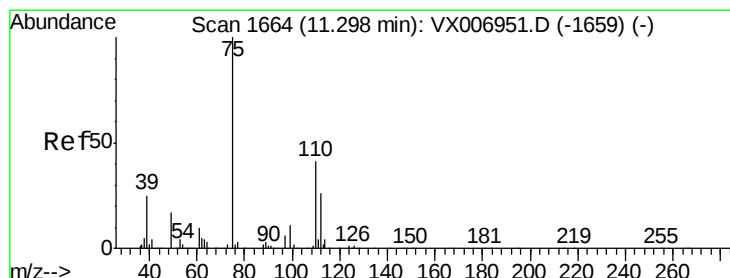
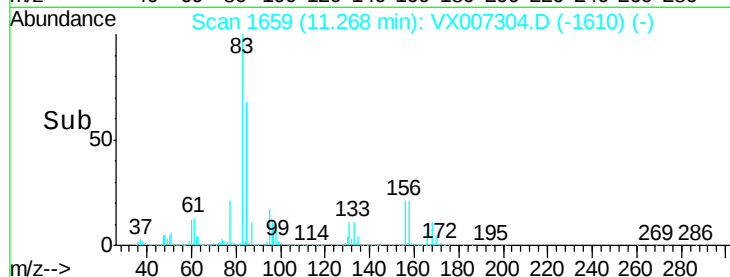
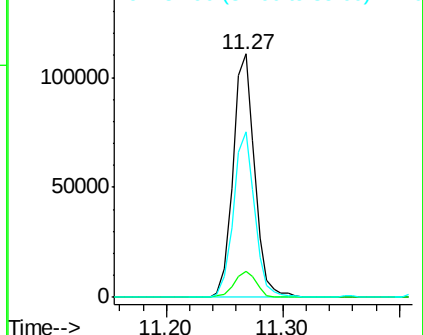
85 66.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.128 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007304.D

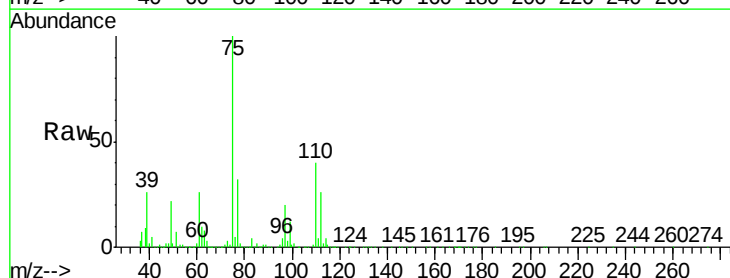
Acq: 30 Jan 2019 10:32

Tgt Ion: 75 Resp: 163679

Ion Ratio Lower Upper

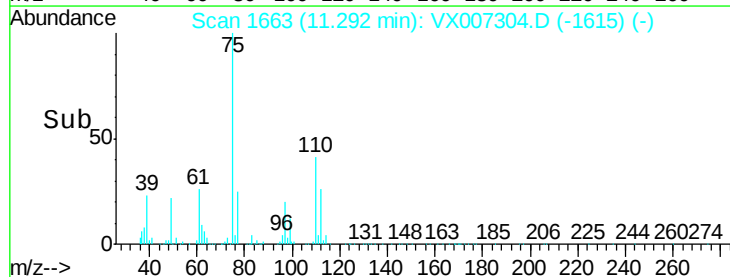
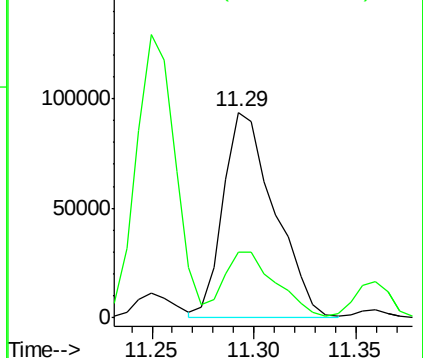
75 100

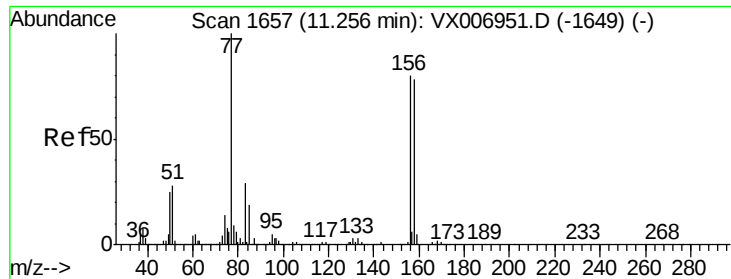
77 32.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.703 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

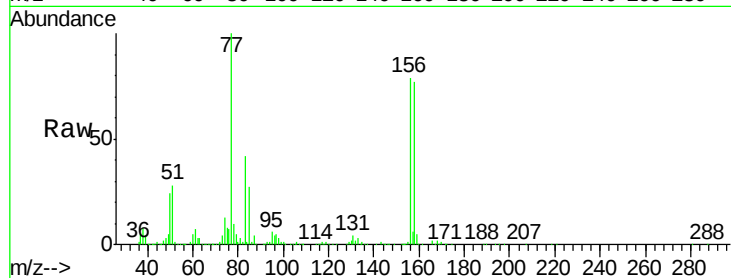
Tot Ion:156 Resp: 125554

Ion Ratio Lower Upper

156 100

77 136.1 68.0 204.0

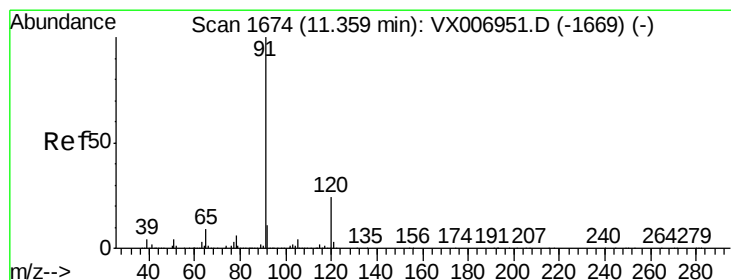
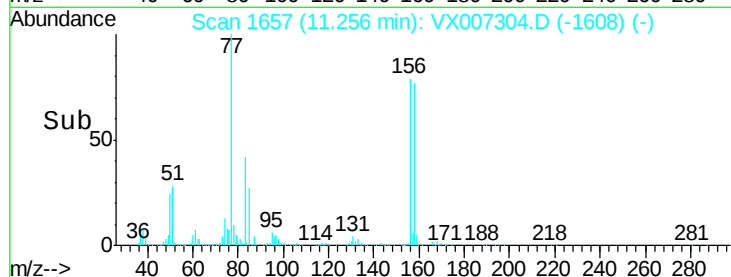
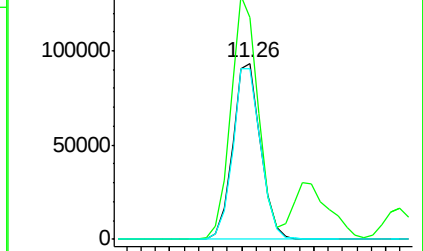
158 97.8 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.562 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007304.D

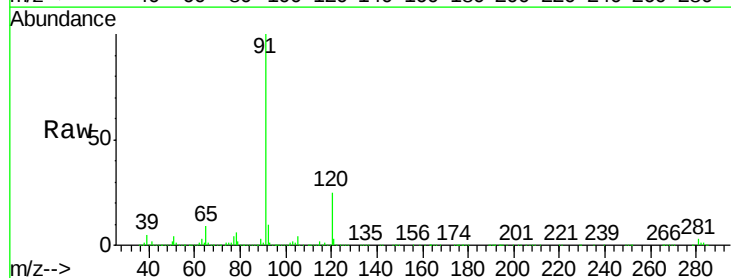
Acq: 30 Jan 2019 10:32

Tgt Ion: 91 Resp: 524487

Ion Ratio Lower Upper

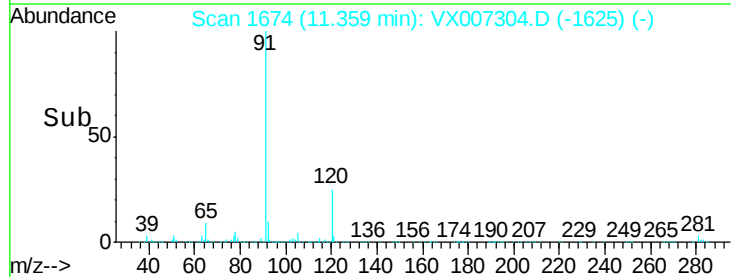
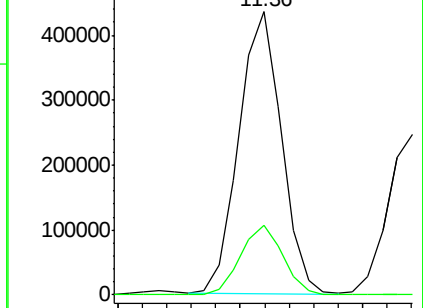
91 100

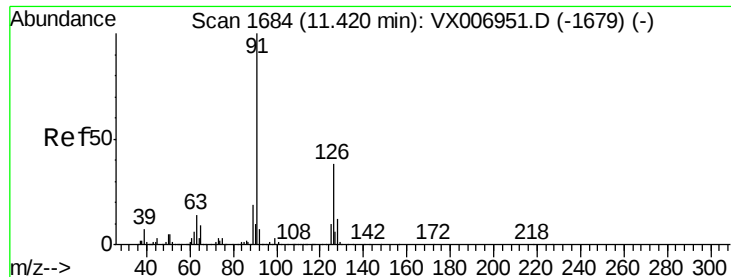
120 24.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.031 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampled :

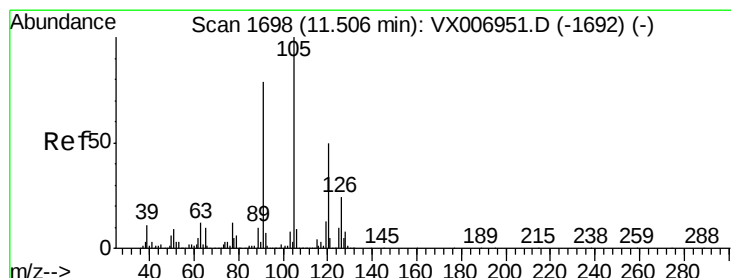
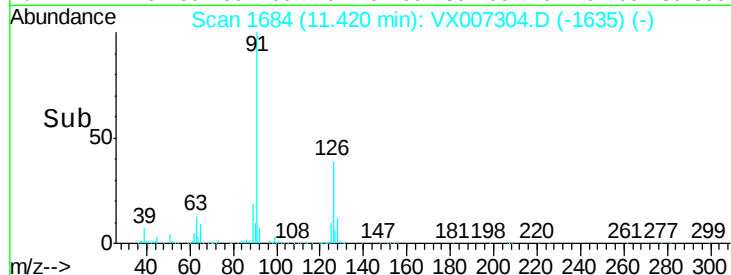
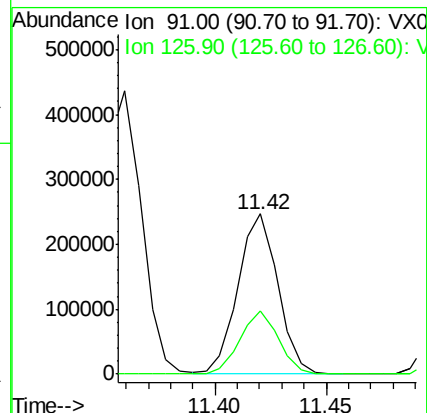
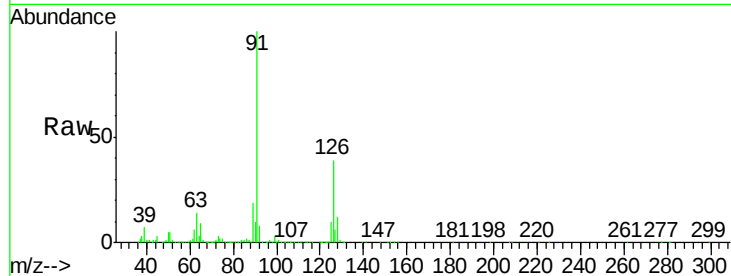
VX0131WBS01

Tot Ion: 91 Resp: 306698

Ion Ratio Lower Upper

91 100

126 38.3 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 17.647 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007304.D

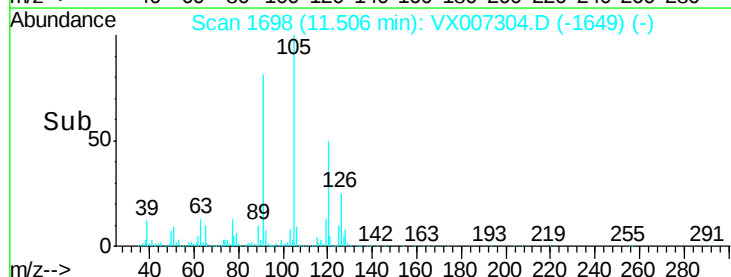
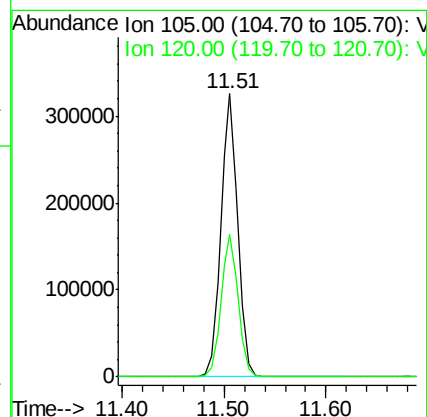
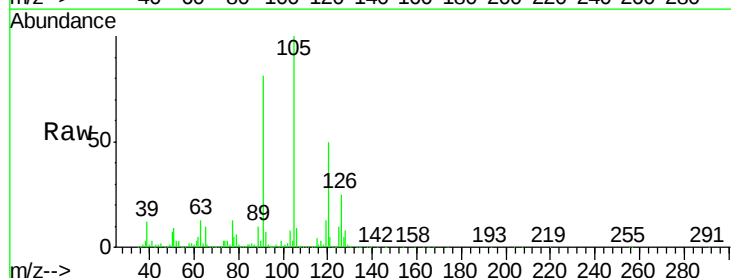
Acq: 30 Jan 2019 10:32

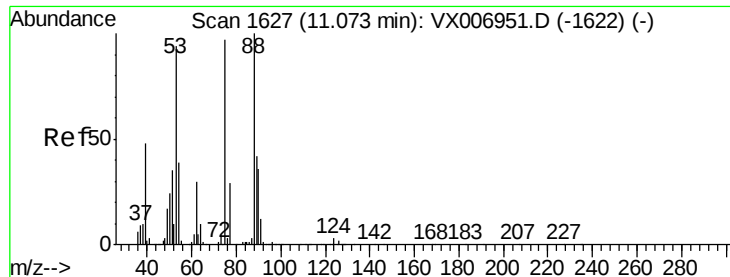
Tgt Ion: 105 Resp: 379536

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.502 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampled :

VX0131WBS01

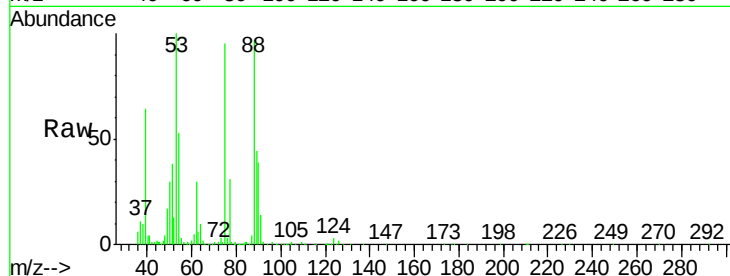
Tot Ion: 75 Resp: 36381

Ion Ratio Lower Upper

75 100

53 110.5 79.7 119.5

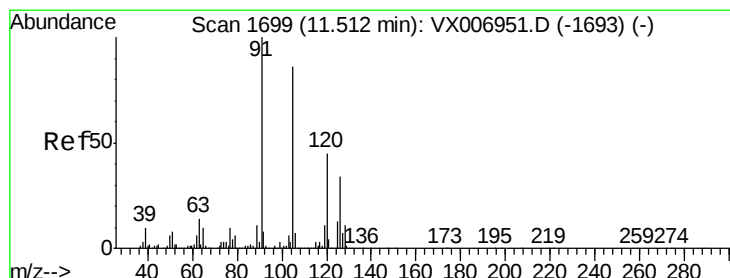
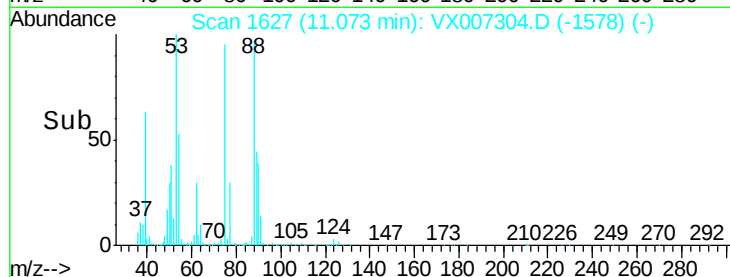
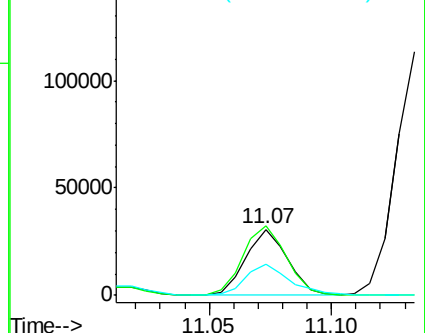
89 51.8 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.148 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007304.D

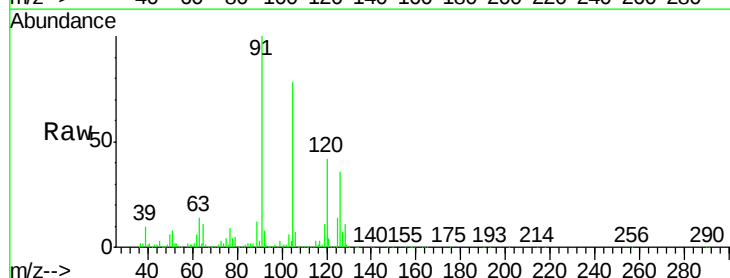
Acq: 30 Jan 2019 10:32

Tgt Ion: 91 Resp: 357403

Ion Ratio Lower Upper

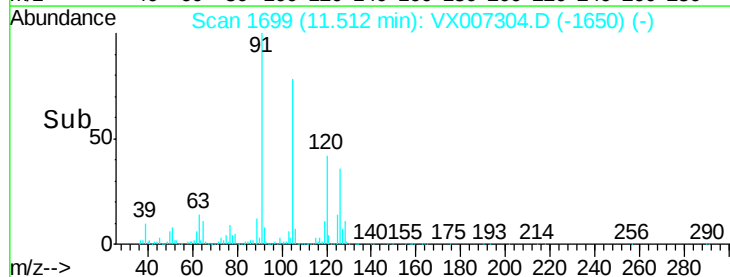
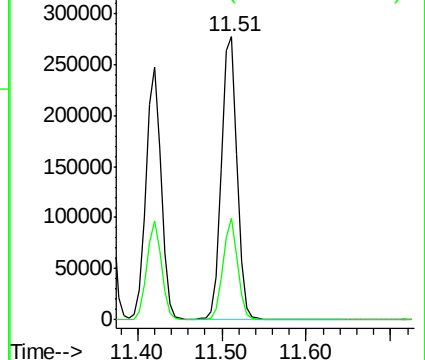
91 100

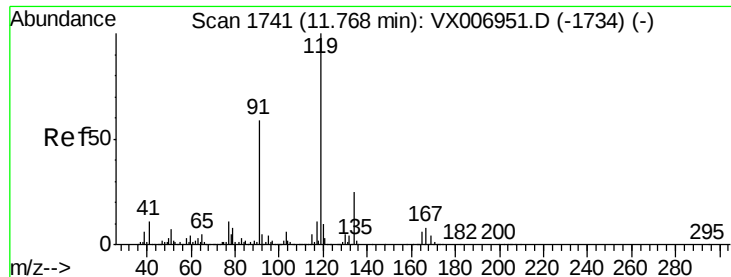
126 33.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

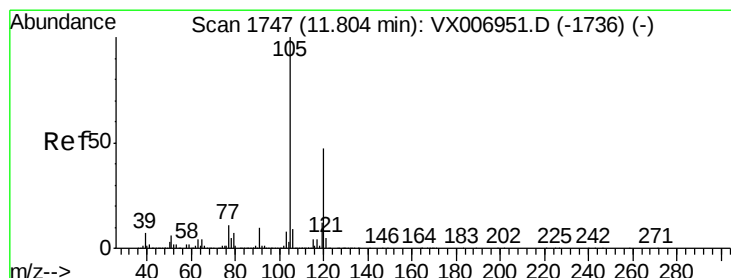
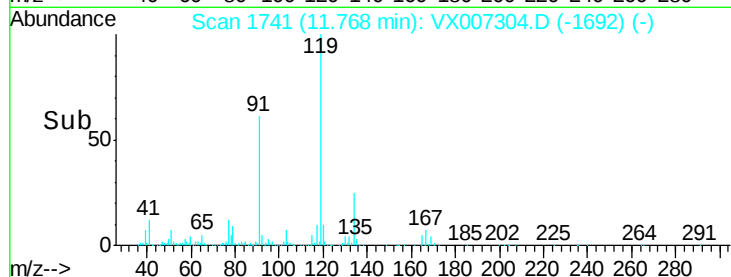
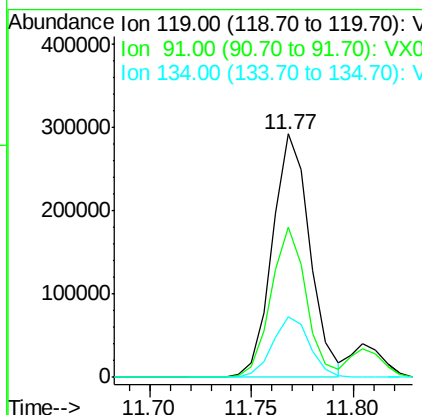
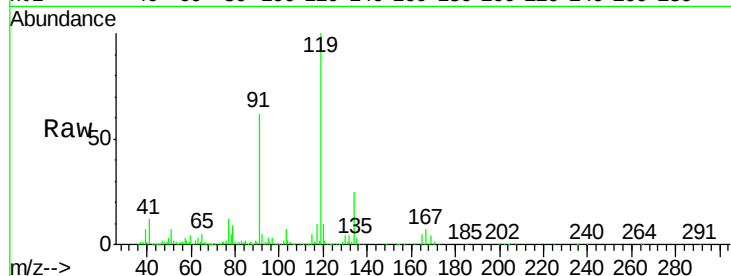




#83
tert-Butylbenzene
Concen: 17.517 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

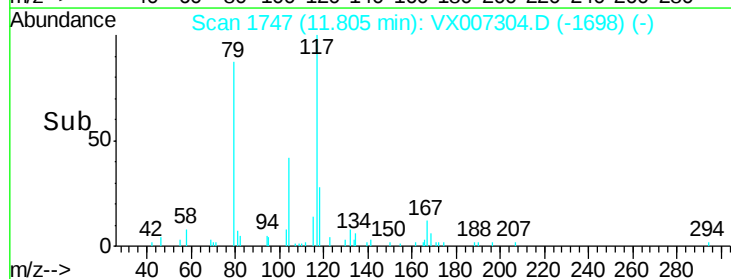
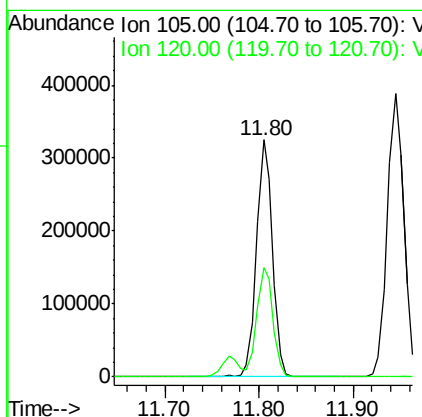
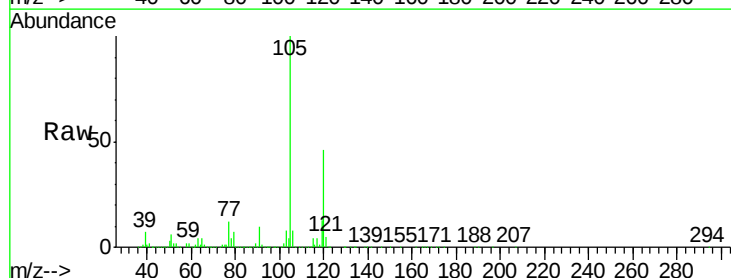
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

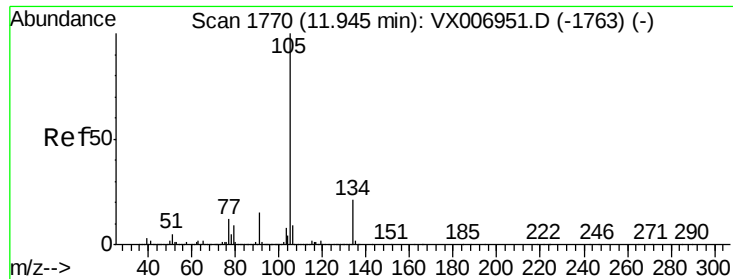
Tot Ion:119 Resp: 375879
Ion Ratio Lower Upper
119 100
91 58.2 27.7 83.1
134 24.6 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 18.128 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

Tgt Ion:105 Resp: 392053
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.613 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

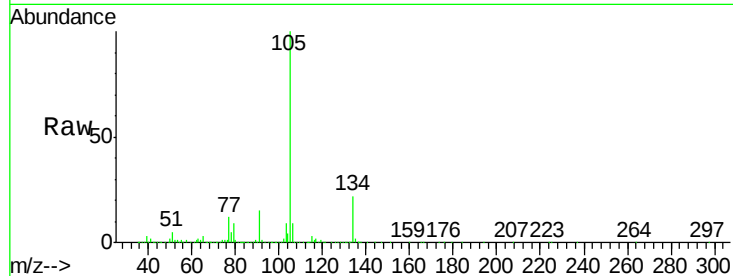
VX0131WBS01

Tot Ion:105 Resp: 476998

Ion Ratio Lower Upper

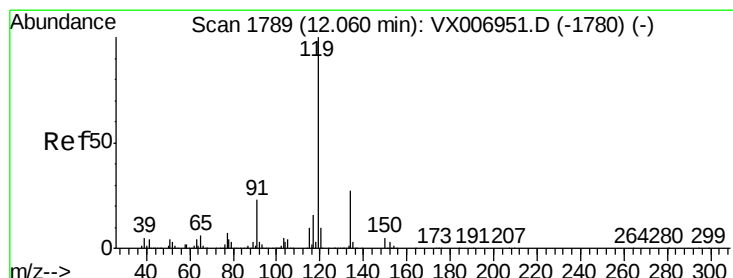
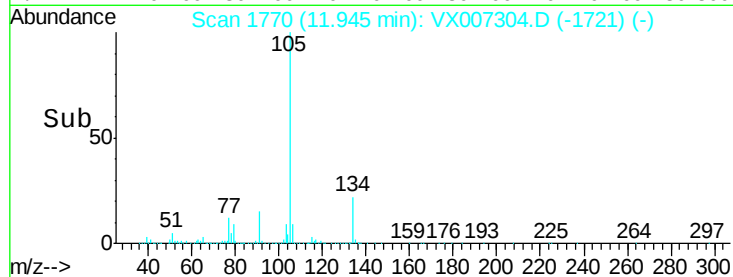
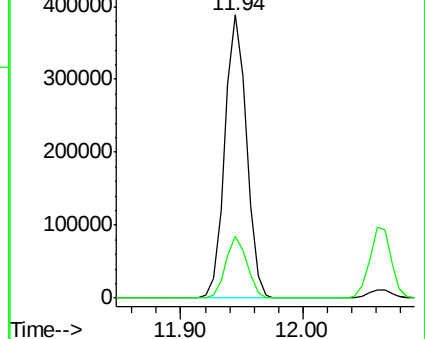
105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.558 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

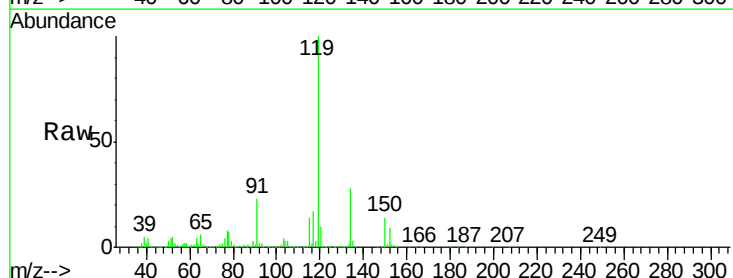
Tgt Ion:119 Resp: 425400

Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

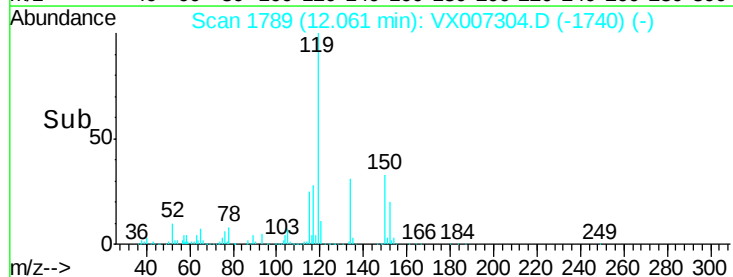
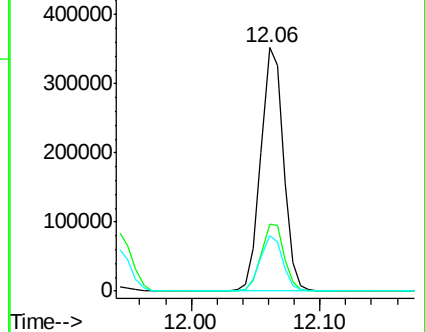
91 22.7 11.3 33.9

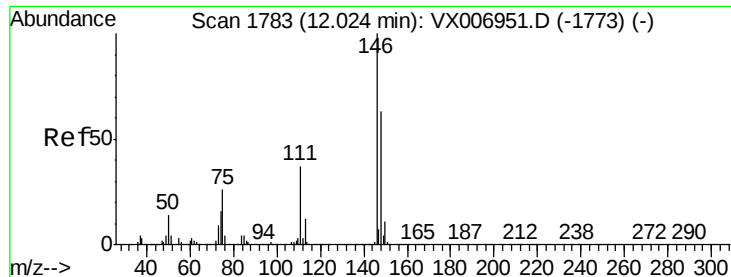


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

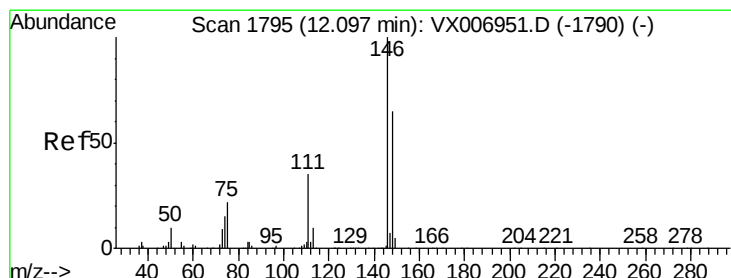
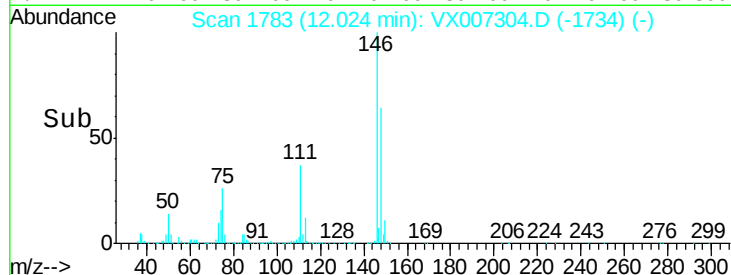
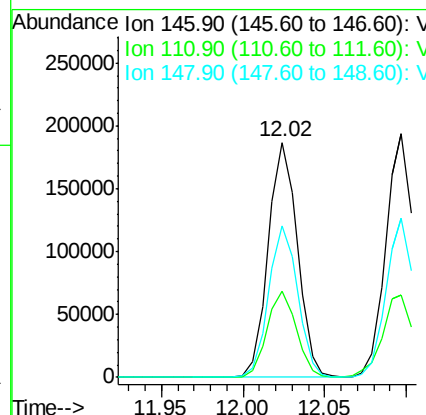
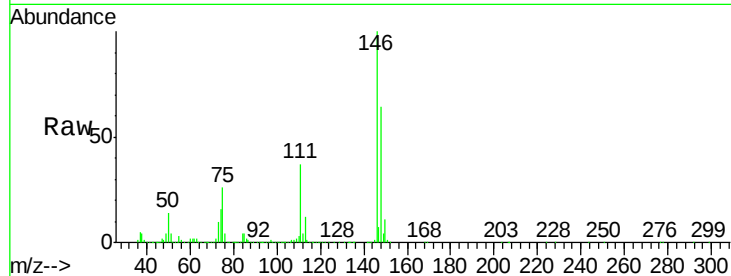




#87
 1,3-Dichlorobenzene
 Concen: 17.985 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007304.D
 Acq: 30 Jan 2019 10:32

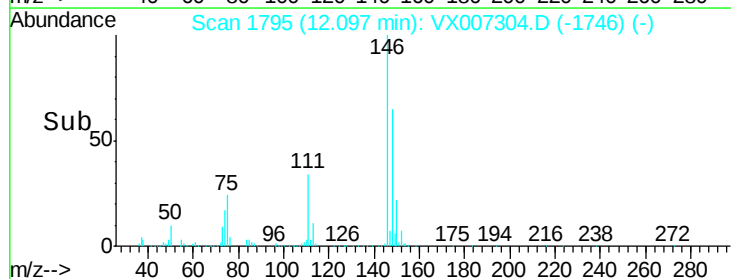
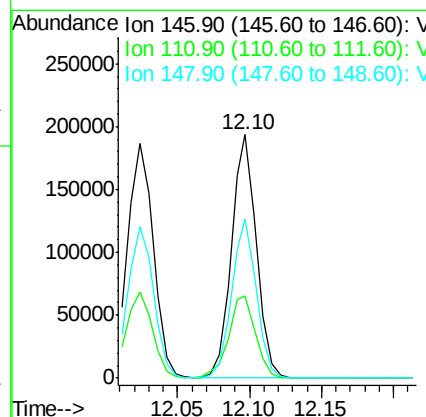
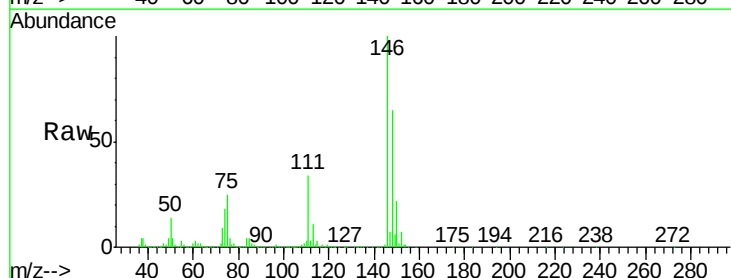
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS01

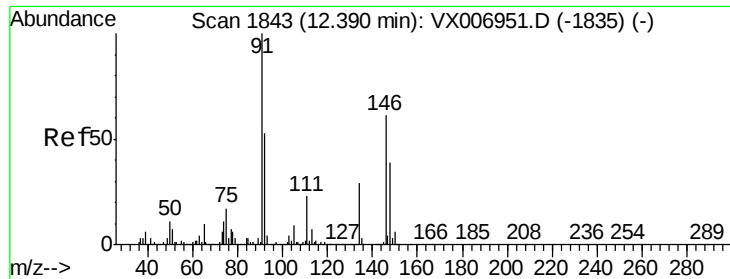
Tot Ion:146 Resp: 230549
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.6 55.8
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.460 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007304.D
 Acq: 30 Jan 2019 10:32

Tgt Ion:146 Resp: 235274
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.1 54.1
 148 64.7 31.9 95.9

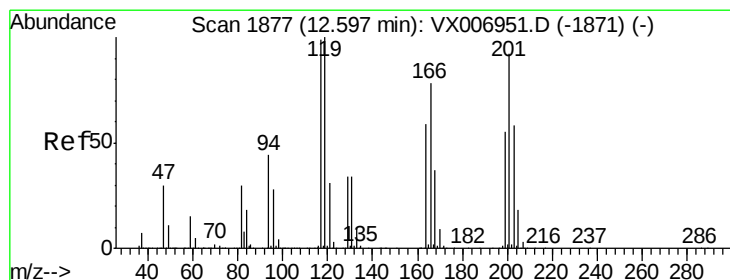
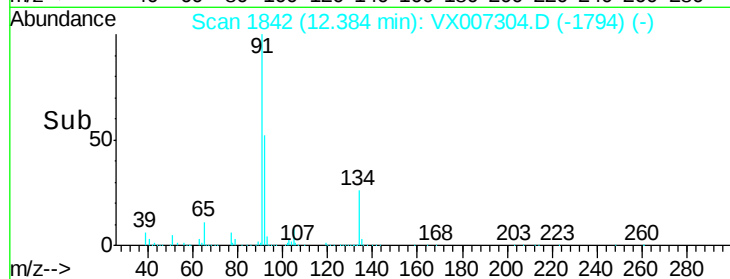
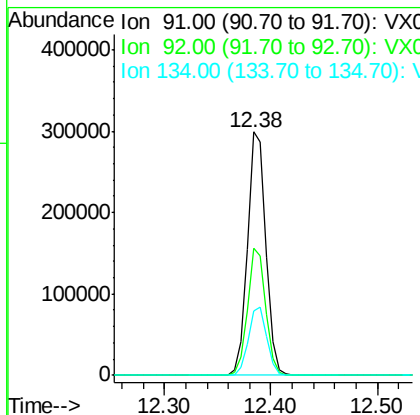
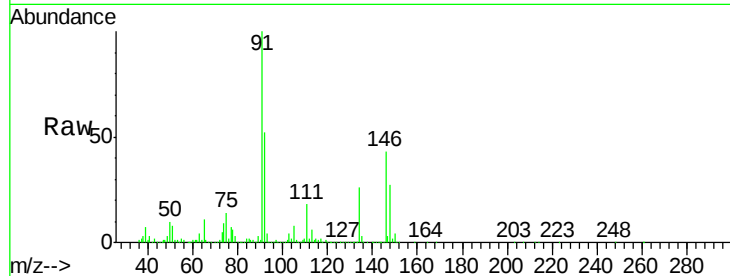




#89
n-Butylbenzene
Concen: 18.483 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

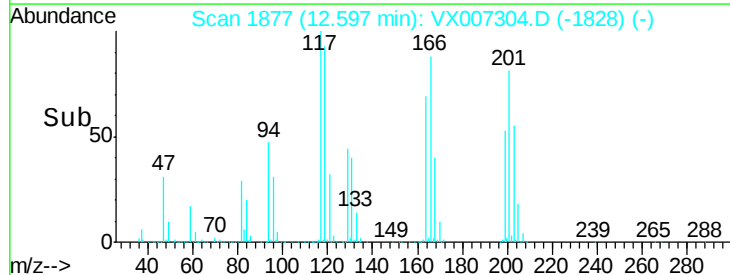
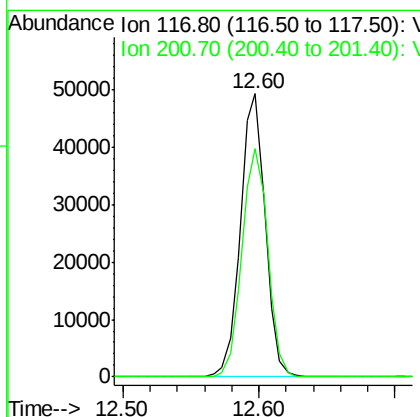
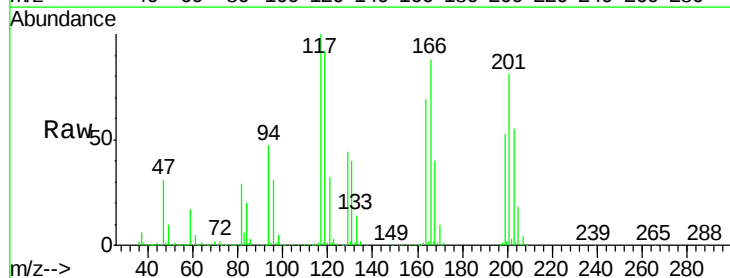
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

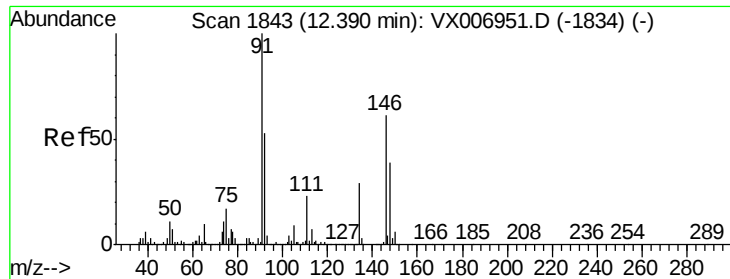
Tot Ion: 91 Resp: 361173
Ion Ratio Lower Upper
91 100
92 51.5 26.8 80.4
134 28.3 14.4 43.2



#90
Hexachloroethane
Concen: 18.980 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007304.D
Acq: 30 Jan 2019 10:32

Tgt Ion: 117 Resp: 62446
Ion Ratio Lower Upper
117 100
201 84.2 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 18.166 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

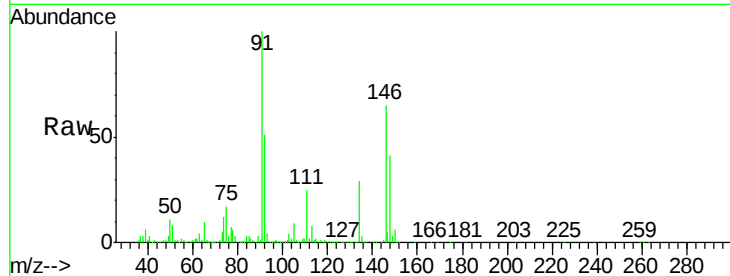
Tot Ion:146 Resp: 229800

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.2

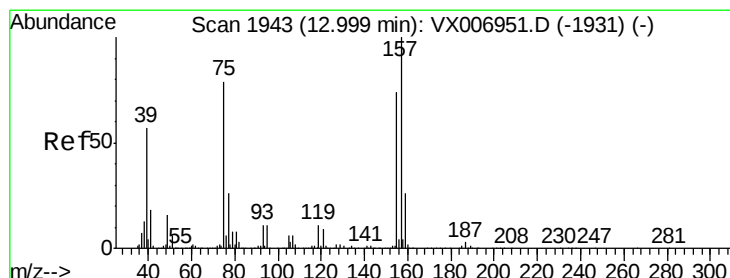
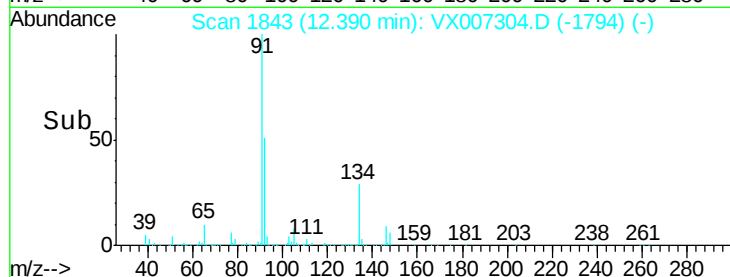
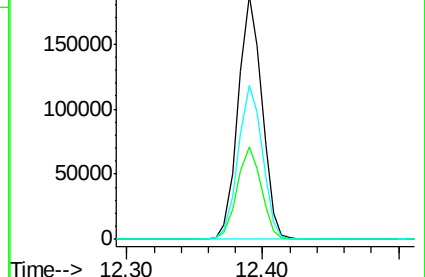
148 64.1 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.149 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

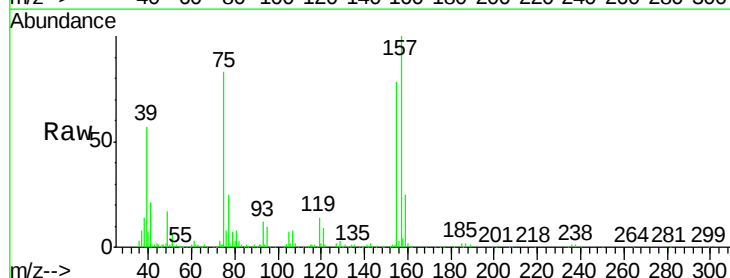
Tgt Ion: 75 Resp: 29330

Ion Ratio Lower Upper

75 100

155 96.5 50.6 151.8

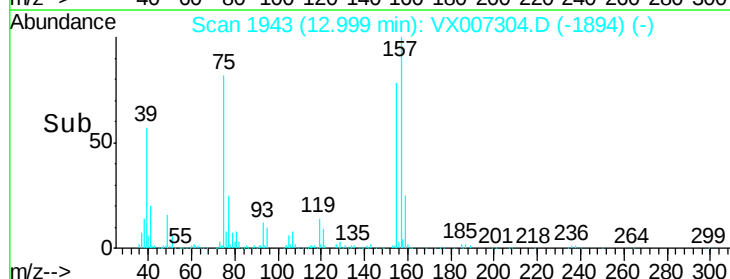
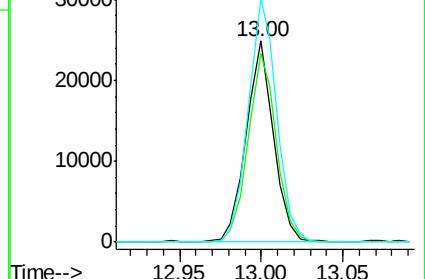
157 125.3 64.6 193.8

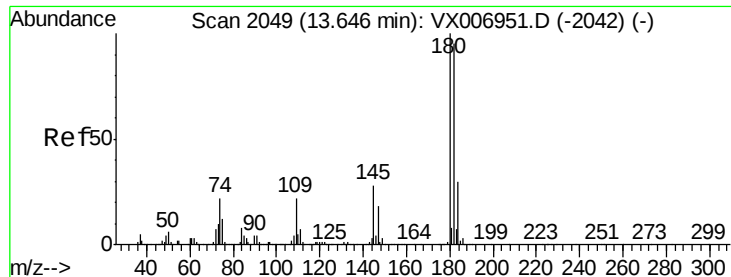


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

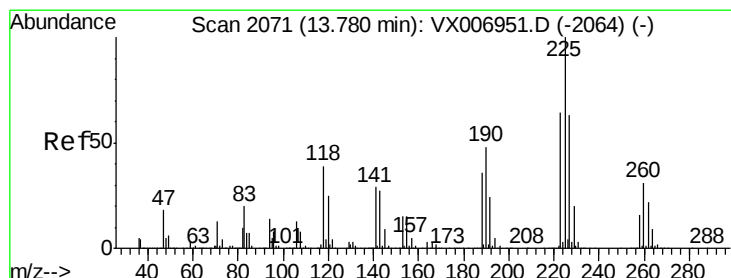
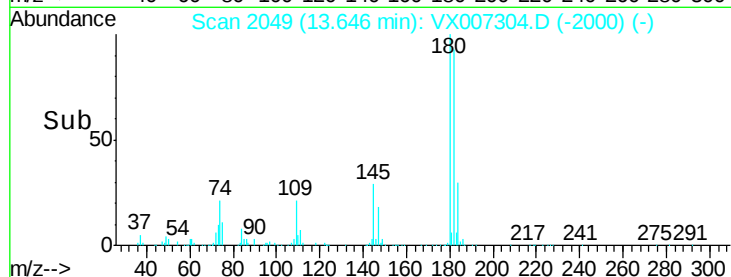
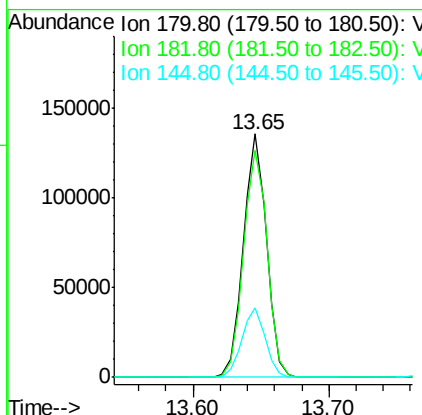
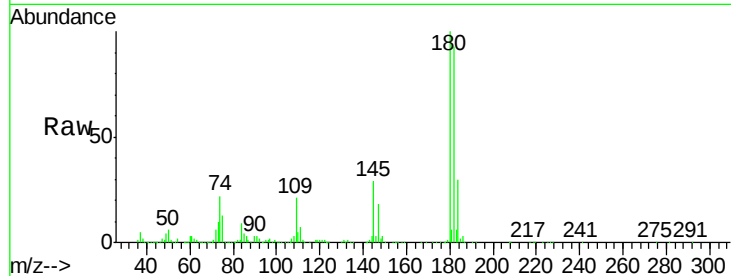




#93
 1,2,4-Trichlorobenzene
 Concen: 18.586 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007304.D
 Acq: 30 Jan 2019 10:32

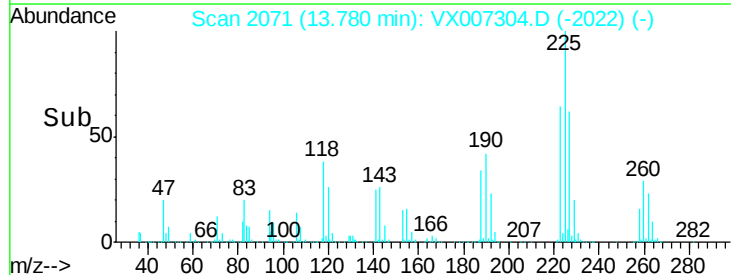
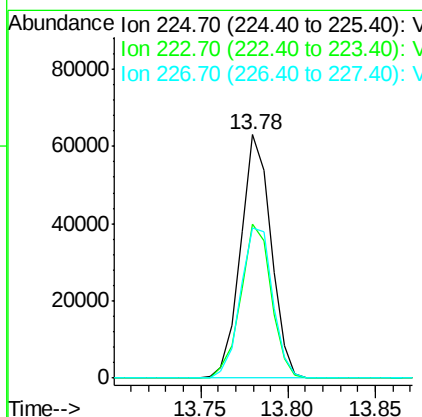
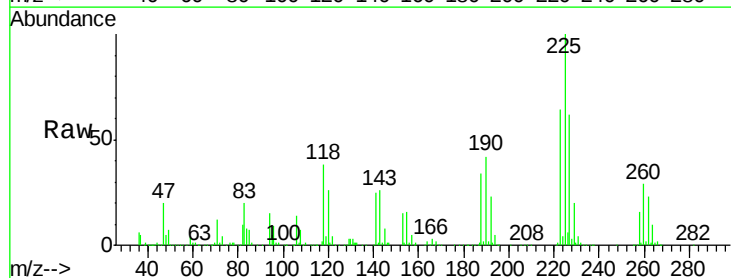
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS01

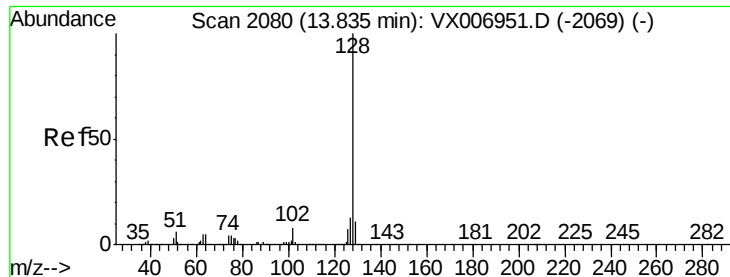
Tot Ion:180 Resp: 161313
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.3 142.0
 145 28.9 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 19.784 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007304.D
 Acq: 30 Jan 2019 10:32

Tgt Ion:225 Resp: 76197
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.1 96.3
 227 65.2 32.3 96.8





#95

Naphthalene

Concen: 18.009 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

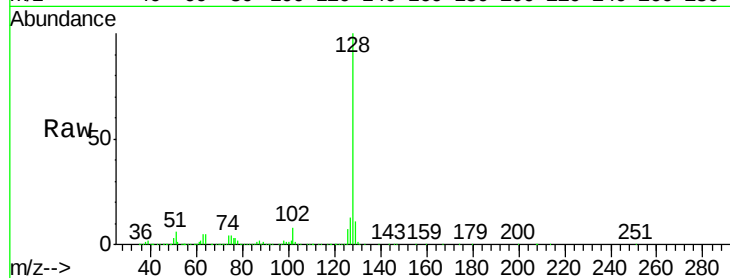
Tot Ion:128 Resp: 473637

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

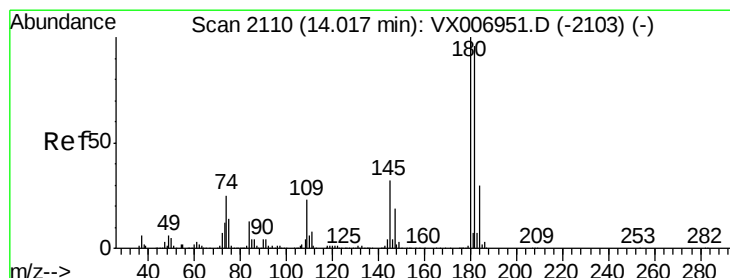
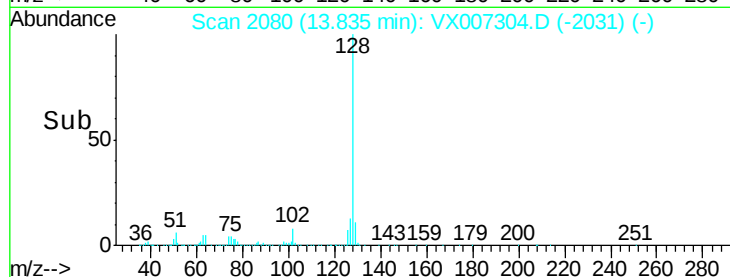
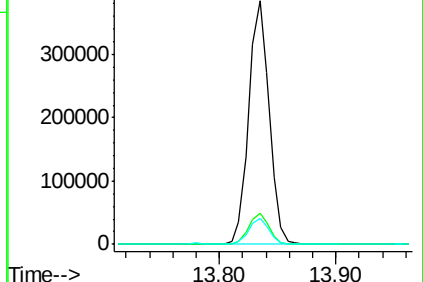
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.567 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

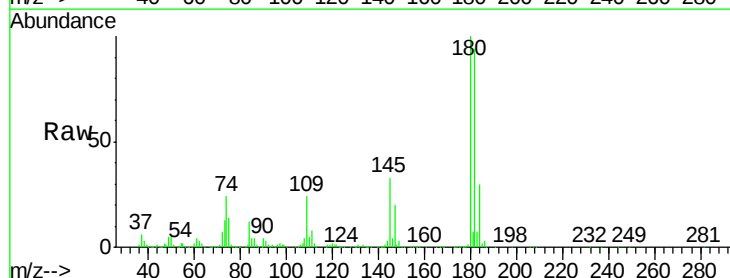
Tgt Ion:180 Resp: 160082

Ion Ratio Lower Upper

180 100

182 95.1 48.5 145.5

145 31.2 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

