

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041219\
 Data File : VX008895.D
 Acq On : 12 Apr 2019 18:37
 Operator : JC/SP
 Sample : K2366-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MS

Quant Time: Apr 13 05:00:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	156715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260092	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	226411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104483	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108353	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
35) Dibromofluoromethane	5.51	113	80797	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	314524	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
62) 4-Bromofluorobenzene	11.13	95	111176	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	106350	58.955	ug/l	97
3) Chloromethane	1.32	50	123414	56.027	ug/l	100
4) Vinyl Chloride	1.41	62	119864	49.153	ug/l	98
5) Bromomethane	1.64	94	63532	52.778	ug/l	99
6) Chloroethane	1.71	64	70719	53.301	ug/l	98
7) Trichlorofluoromethane	1.92	101	137768	51.108	ug/l	99
8) Diethyl Ether	2.19	74	62184	48.645	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87909	50.652	ug/l	98
10) Methyl Iodide	2.51	142	93754	58.568	ug/l	100
11) Tert butyl alcohol	3.06	59	162264	303.224	ug/l	99
12) 1,1-Dichloroethene	2.37	96	90627	50.022	ug/l	98
13) Acrolein	2.29	56	77570	292.336	ug/l	99
14) Allyl chloride	2.73	41	210933	50.857	ug/l	98
15) Acrylonitrile	3.15	53	371890	262.328	ug/l	100
16) Acetone	2.45	43	329377	250.183	ug/l	98
17) Carbon Disulfide	2.56	76	263904	50.448	ug/l	100
18) Methyl Acetate	2.78	43	147404	46.165	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	336733	52.044	ug/l	98
20) Methylene Chloride	2.85	84	105363	47.811	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	96794	49.392	ug/l	95
22) Diisopropyl ether	3.86	45	407621	50.991	ug/l	97
23) Vinyl Acetate	3.82	43	1644212	236.430	ug/l	99
24) 1,1-Dichloroethane	3.70	63	200864	50.749	ug/l	99
25) 2-Butanone	4.68	43	558496	268.400	ug/l	99
26) 2,2-Dichloropropane	4.58	77	122278	43.864	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	111451	49.465	ug/l	98
28) Bromochloromethane	5.02	49	86292	52.334	ug/l	100
29) Tetrahydrofuran	5.13	42	374964	271.497	ug/l	99
30) Chloroform	5.21	83	179858	50.878	ug/l	99
31) Cyclohexane	5.58	56	198003	50.136	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	147196	51.526	ug/l	99
36) 1,1-Dichloropropene	5.80	75	139977	49.234	ug/l	99
37) Ethyl Acetate	4.84	43	187529	49.416	ug/l	99
38) Carbon Tetrachloride	5.79	117	122521	52.068	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172565	49.134	ug/l	97
40) Benzene	6.14	78	432786	51.097	ug/l	100
41) Methacrylonitrile	5.04	41	115727	53.053	ug/l	99
42) 1,2-Dichloroethane	6.19	62	153465	50.541	ug/l	100
43) Isopropyl Acetate	6.45	43	299357	50.357	ug/l	99
44) Trichloroethene	7.21	130	100622	51.008	ug/l	98
45) 1,2-Dichloropropane	7.51	63	121826	50.393	ug/l	99
46) Dibromomethane	7.66	93	69030	49.233	ug/l	97
47) Bromodichloromethane	7.90	83	136945	51.801	ug/l	100
48) Methyl methacrylate	7.77	41	160199	53.273	ug/l	99
49) 1,4-Dioxane	7.74	88	62312	1106.153	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1035683	270.637	ug/l	100
52) Toluene	8.79	92	252707	50.608	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	153923	51.977	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	171277	50.617	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	103359	51.566	ug/l	99
56) Ethyl methacrylate	9.18	69	188281	51.917	ug/l	99
57) 1,3-Dichloropropane	9.37	76	183462	50.973	ug/l	100
59) 2-Hexanone	9.49	43	793636	266.857	ug/l	99
60) Dibromochloromethane	9.59	129	99672	52.771	ug/l	100
61) 1,2-Dibromoethane	9.67	107	105866	50.735	ug/l	99
64) Tetrachloroethene	9.34	164	88712	52.884	ug/l	99
65) Chlorobenzene	10.14	112	254269	50.663	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	93352	53.020	ug/l	99
67) Ethyl Benzene	10.25	91	475270	50.785	ug/l	98
68) m/p-Xylenes	10.36	106	342099	101.668	ug/l	98
69) o-Xylene	10.70	106	167182	51.268	ug/l	97
70) Stvrene	10.71	104	288270	51.284	ug/l	99
71) Bromoform	10.86	173	72065	53.591	ug/l #	99
73) Isopropylbenzene	11.02	105	441234	50.958	ug/l	100
74) N-amyl acetate	10.90	43	234318	45.996	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	160479	48.732	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	193733	67.497	ug/l	78
77) Bromobenzene	11.26	156	105627	50.744	ug/l	98
78) n-propylbenzene	11.36	91	507976	50.384	ug/l	100
79) 2-Chlorotoluene	11.42	91	299727	49.126	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	369795	50.877	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53820	51.688	ug/l	98
82) 4-Chlorotoluene	11.51	91	346014	48.994	ug/l	99
83) tert-Butylbenzene	11.77	119	357471	51.121	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	371035	50.415	ug/l	100
85) sec-Butylbenzene	11.94	105	418481	50.383	ug/l	99
86) p-Isopropyltoluene	12.06	119	380439	51.031	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182900	49.081	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183314	48.579	ug/l	99
89) n-Butylbenzene	12.38	91	349261	49.955	ug/l	100
90) Hexachloroethane	12.60	117	63737	51.546	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	182719	49.384	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37003	51.080	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	126878	49.320	ug/l	99

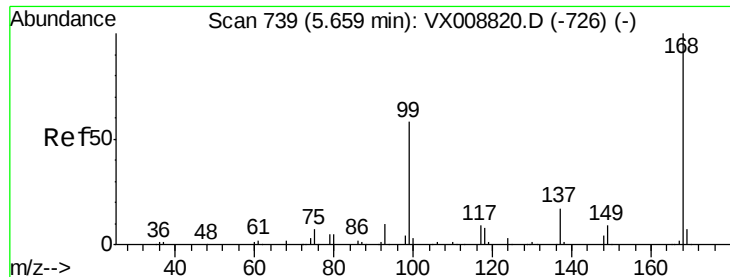
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041219\
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	64209	52.043	ug/l	99
95) Naphthalene	13.83	128	436145	50.726	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128506	49.996	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

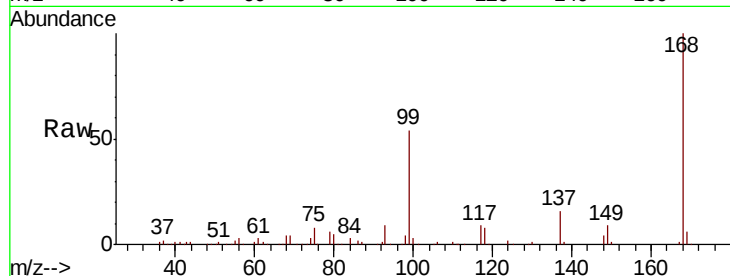
SA-PZ118I-20190409MS

Tot Ion:168 Resp: 156715

Ion Ratio Lower Upper

168 100

99 53.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

30000

20000

10000

0

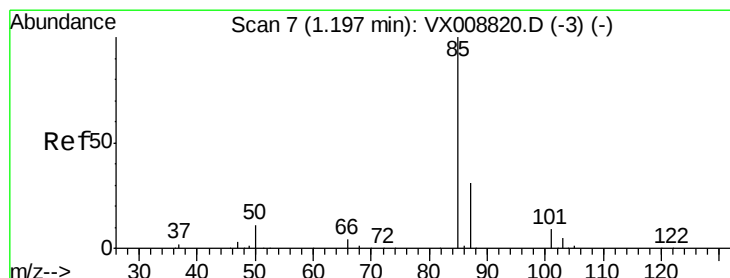
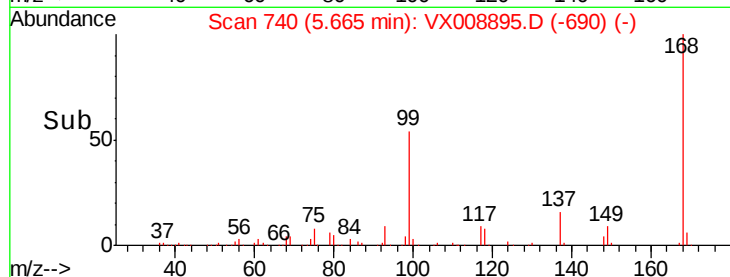
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 58.955 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008895.D

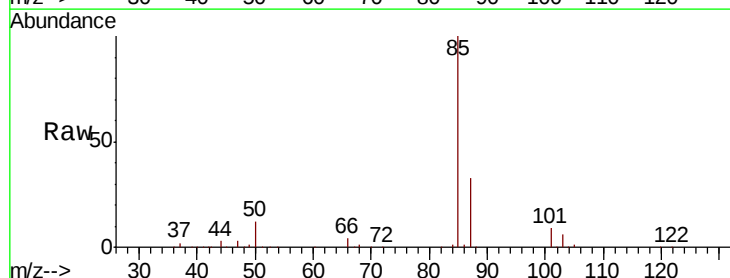
Acq: 12 Apr 2019 18:37

Tgt Ion: 85 Resp: 106350

Ion Ratio Lower Upper

85 100

87 33.0 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

40000

20000

0

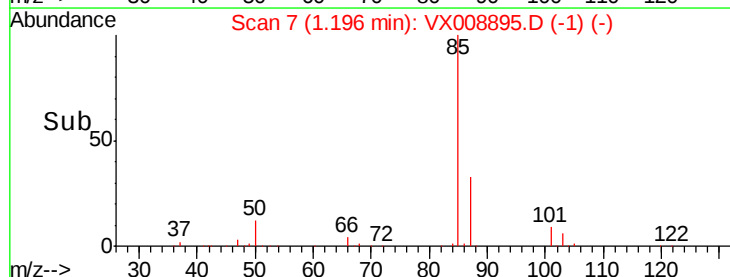
Time-->

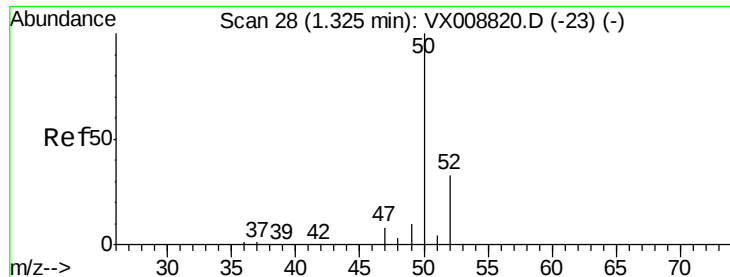
1.15

1.20

1.25

1.30

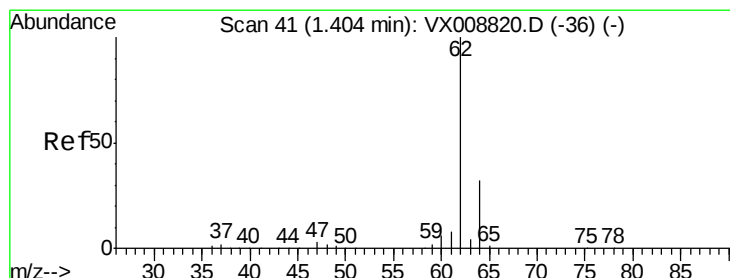
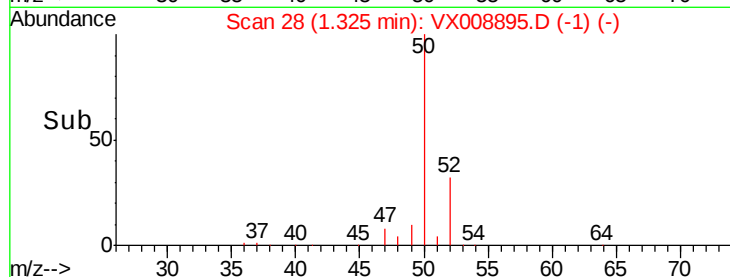
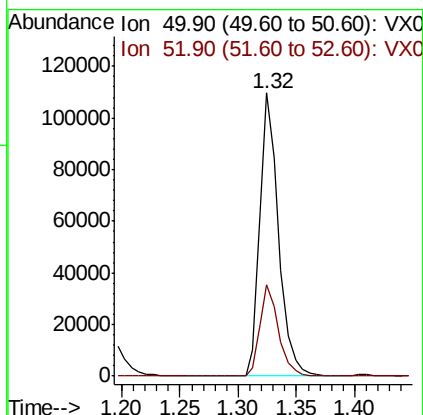
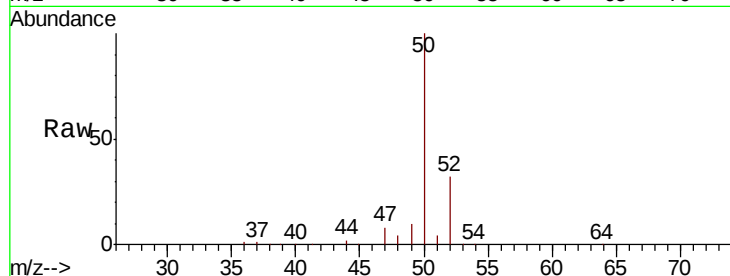




#3
Chloromethane
Concen: 56.027 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

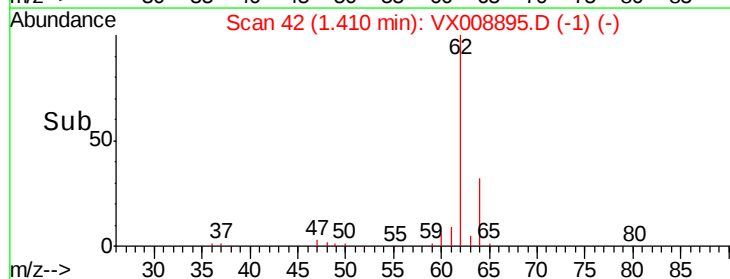
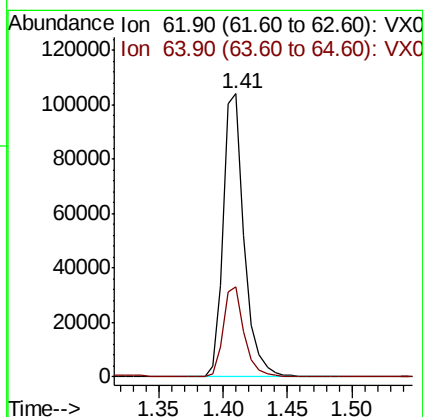
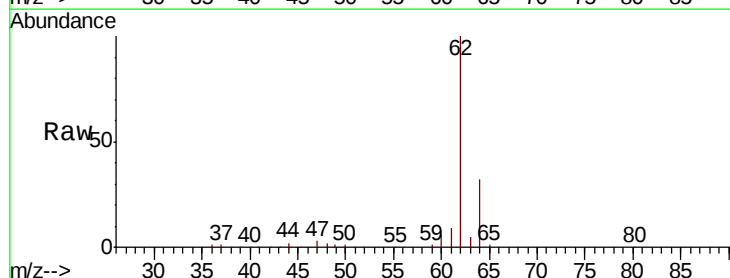
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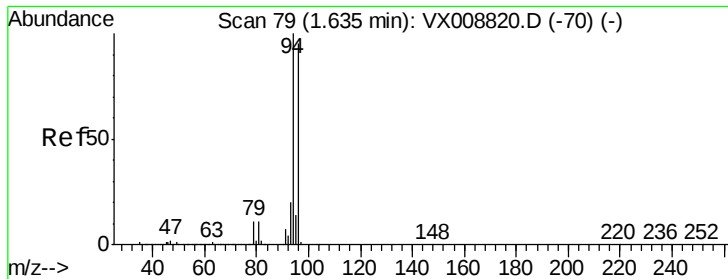
Tot Ion: 50 Resp: 123414
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.8



#4
Vinyl Chloride
Concen: 49.153 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Tgt Ion: 62 Resp: 119864
Ion Ratio Lower Upper
62 100
64 31.8 24.7 37.1





#5

Bromomethane

Concen: 52.778 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

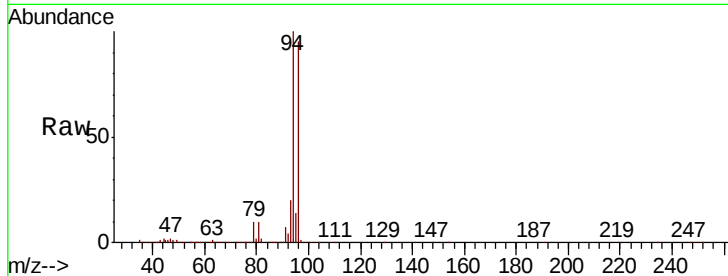
SA-PZ118I-20190409MS

Tot Ion: 94 Resp: 63532

Ion Ratio Lower Upper

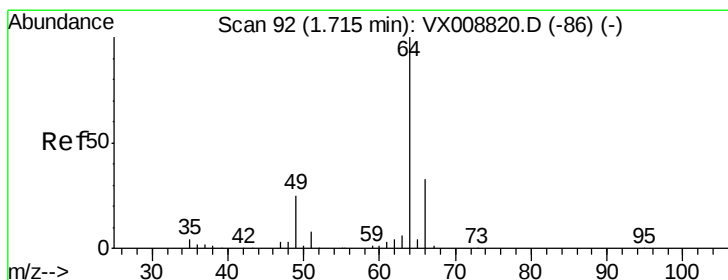
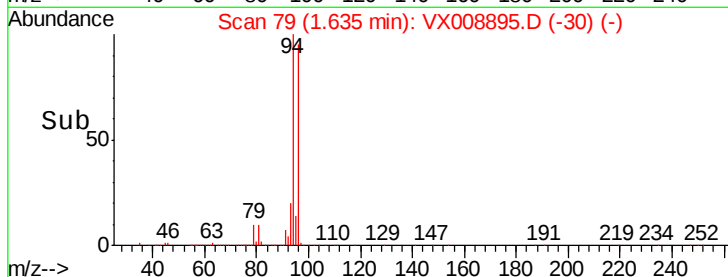
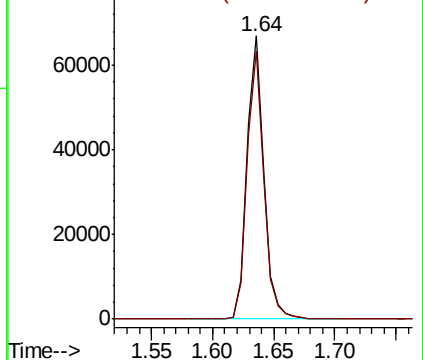
94 100

96 94.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.301 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008895.D

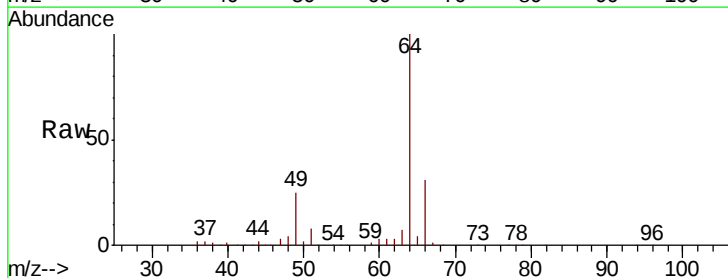
Acq: 12 Apr 2019 18:37

Tgt Ion: 64 Resp: 70719

Ion Ratio Lower Upper

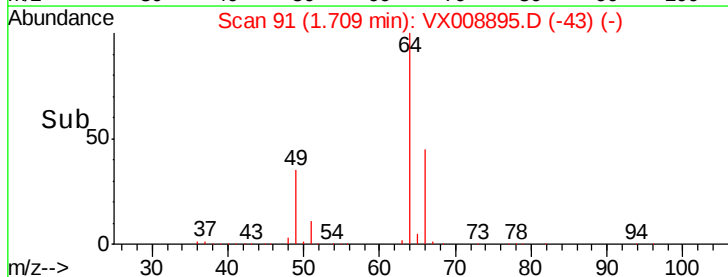
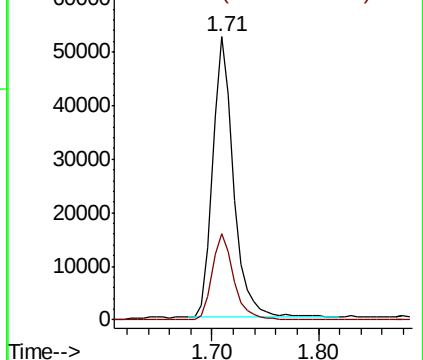
64 100

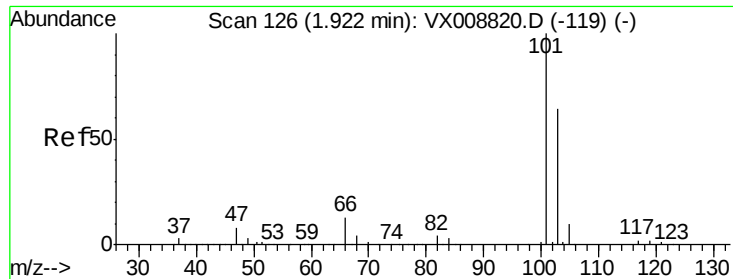
66 30.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



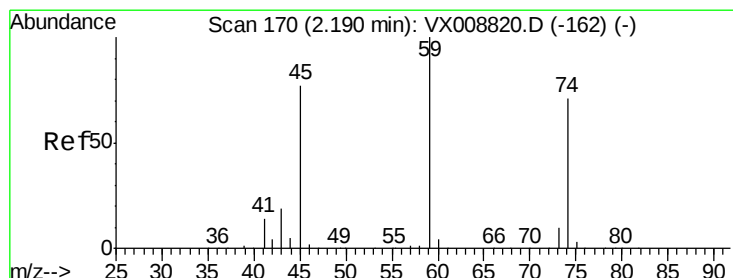
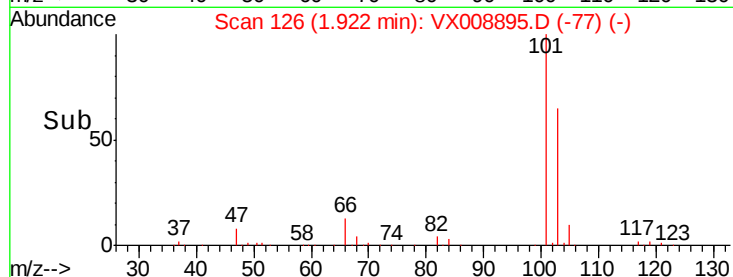
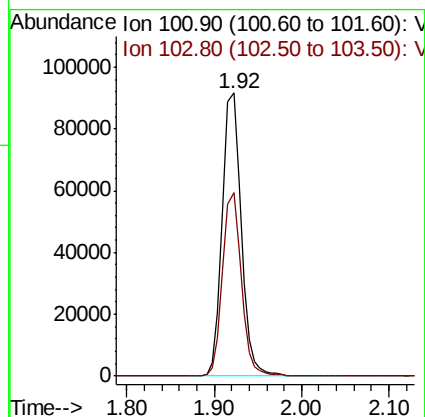
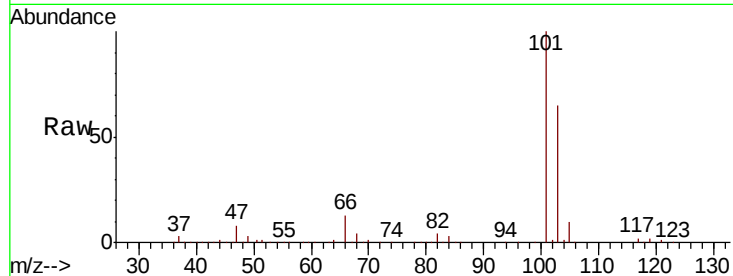


#7

Trichlorofluoromethane
 Concen: 51.108 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

Instrument :
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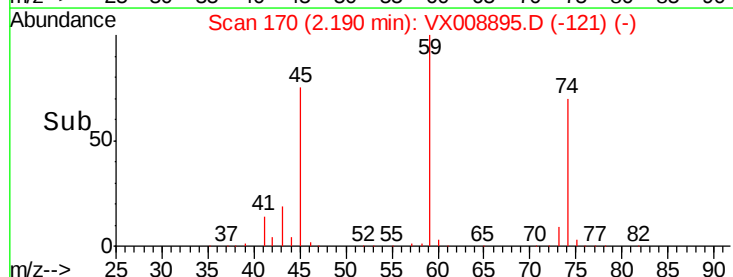
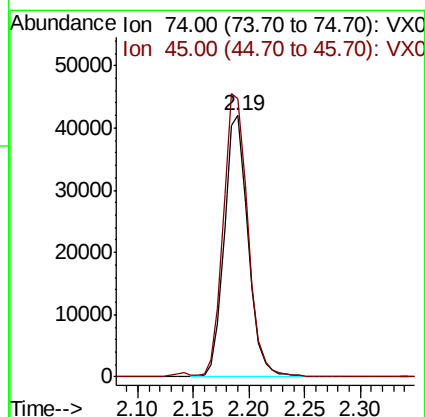
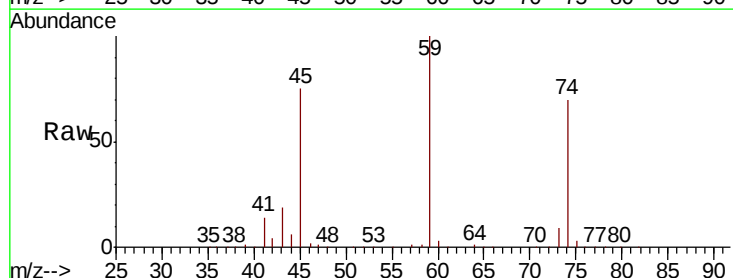
Tot Ion:101 Resp: 137768
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.3 78.5

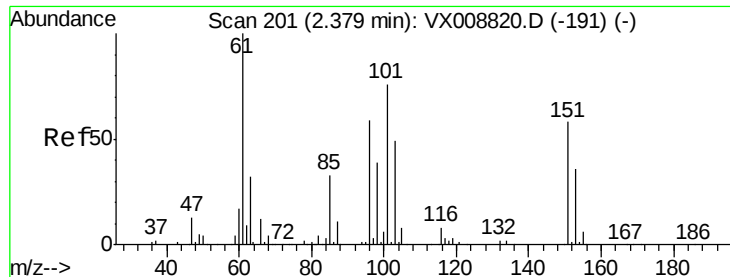


#8

Diethyl Ether
 Concen: 48.645 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

Tgt Ion: 74 Resp: 62184
 Ion Ratio Lower Upper
 74 100
 45 110.8 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.652 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MS

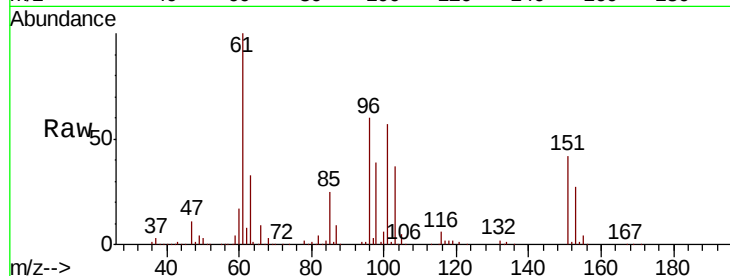
Tot Ion:101 Resp: 87909

Ion Ratio Lower Upper

101 100

85 43.7 36.0 54.0

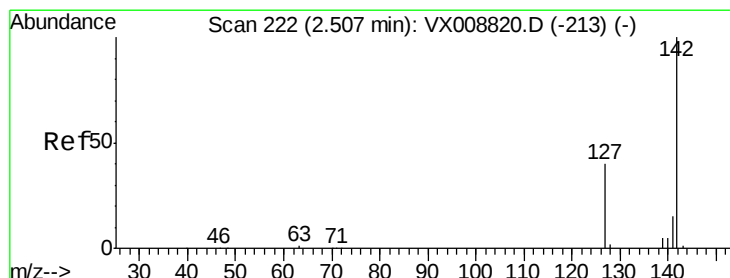
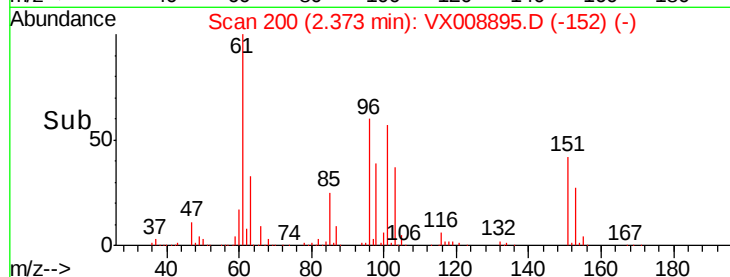
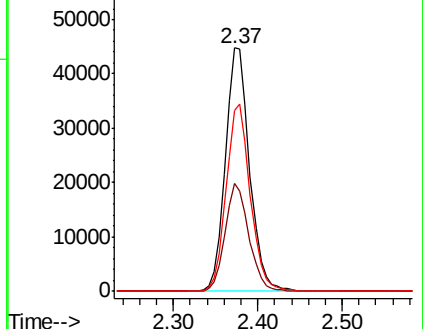
151 76.5 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 58.568 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

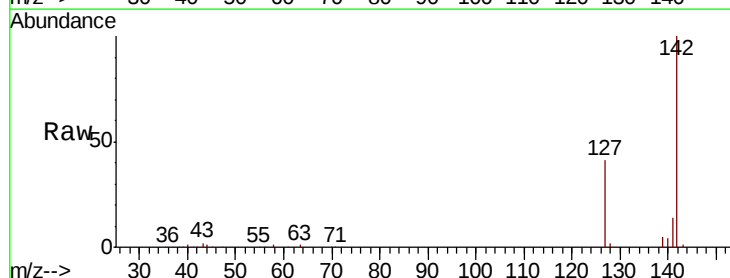
Tgt Ion:142 Resp: 93754

Ion Ratio Lower Upper

142 100

127 41.2 33.0 49.6

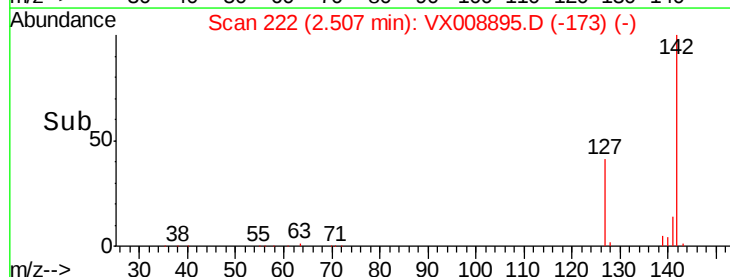
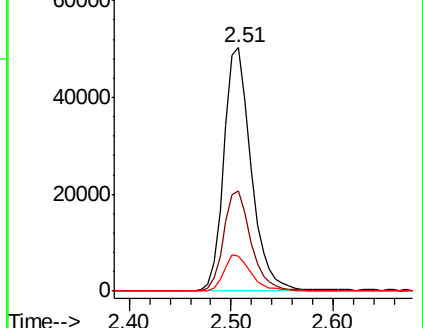
141 14.6 11.4 17.2

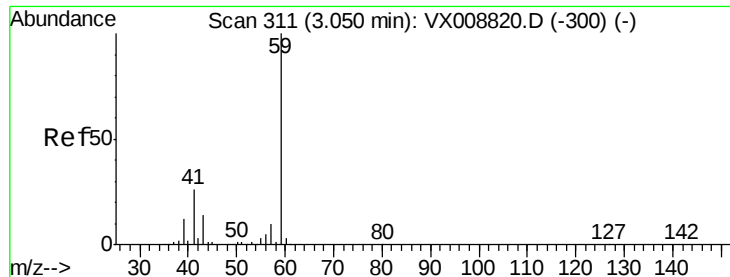


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

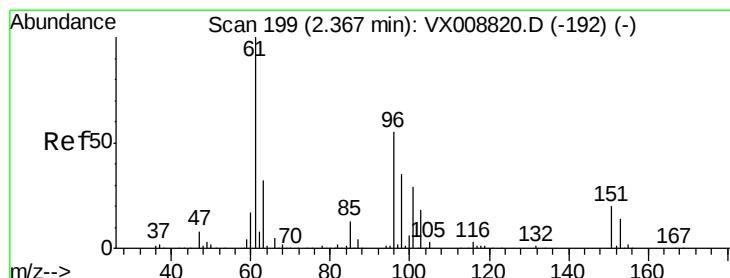
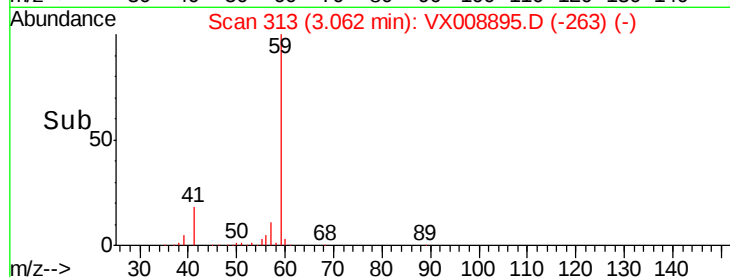
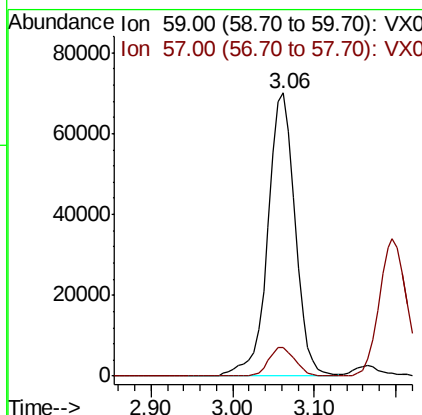
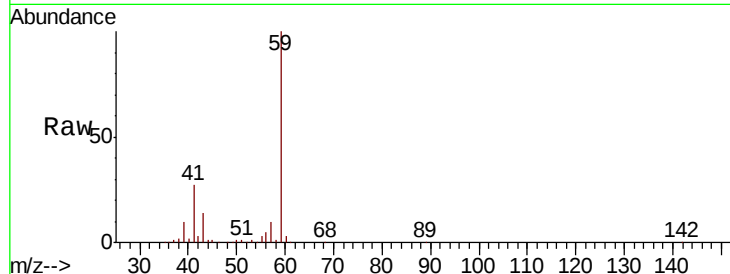




#11
Tert butyl alcohol
Concen: 303.224 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

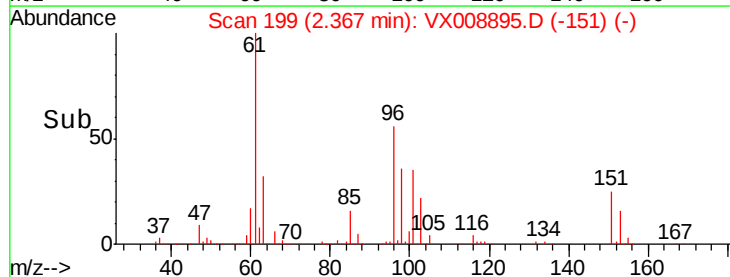
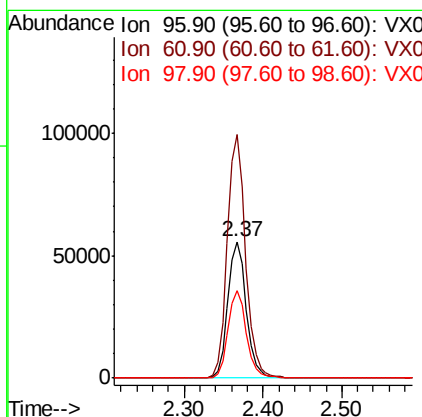
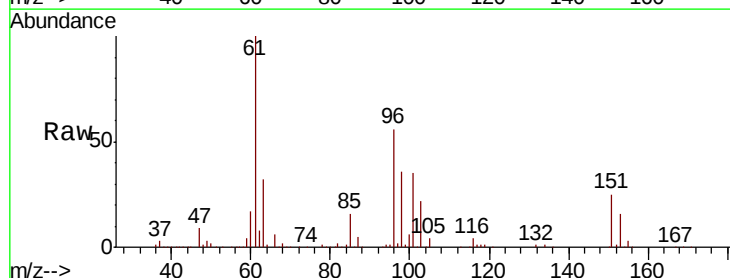
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MS

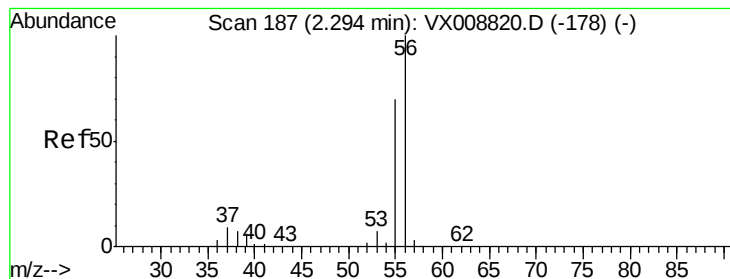
Tot Ion: 59 Resp: 162264
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 50.022 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Tgt Ion: 96 Resp: 90627
Ion Ratio Lower Upper
96 100
61 178.4 140.9 211.3
98 63.7 52.1 78.1





#13

Acrolein

Concen: 292.336 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

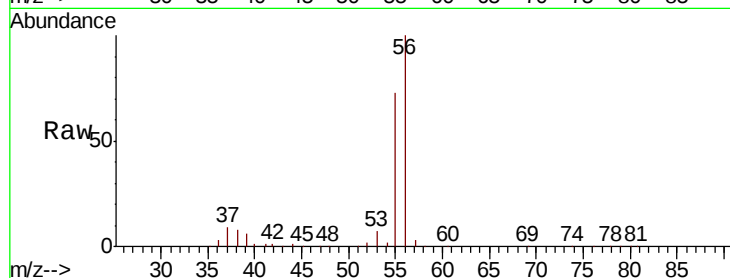
SA-PZ118I-20190409MS

Tot Ion: 56 Resp: 77570

Ion Ratio Lower Upper

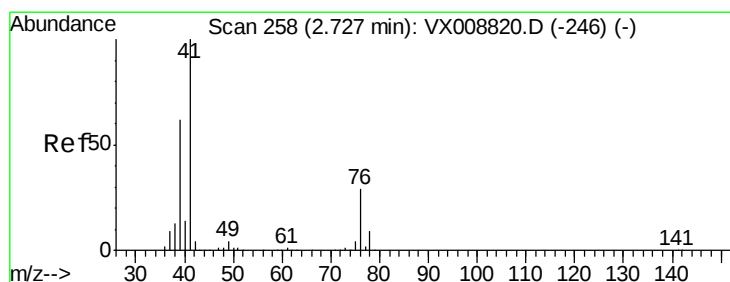
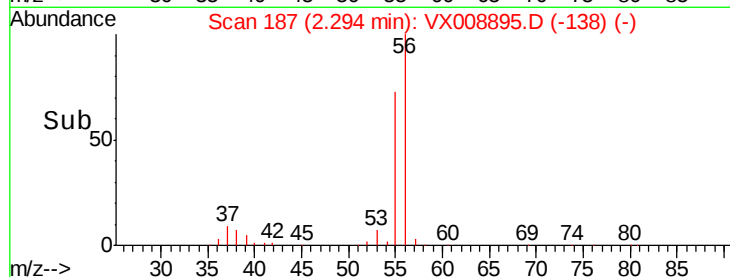
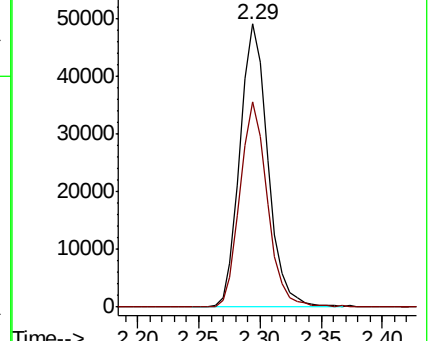
56 100

55 71.4 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.857 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

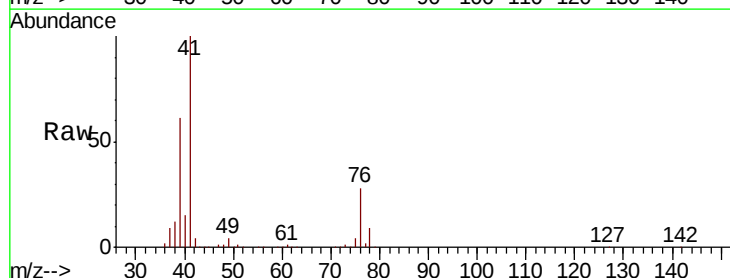
Tgt Ion: 41 Resp: 210933

Ion Ratio Lower Upper

41 100

39 58.7 48.0 72.0

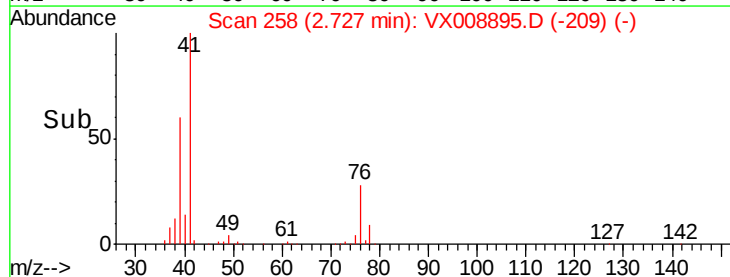
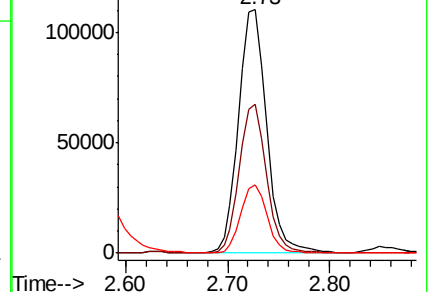
76 26.6 22.0 33.0

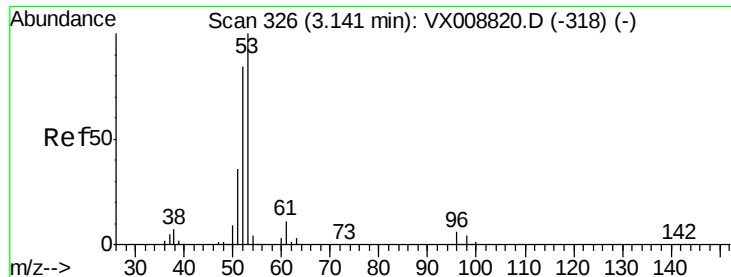


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 262.328 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MS

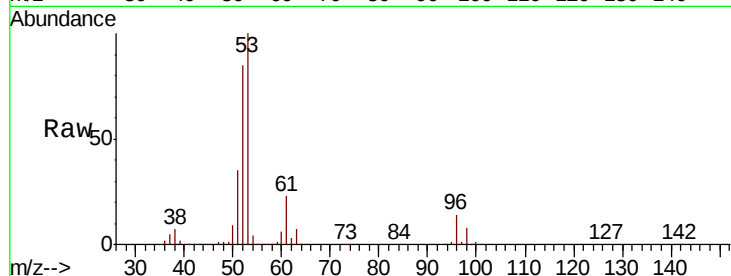
Tot Ion: 53 Resp: 371890

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

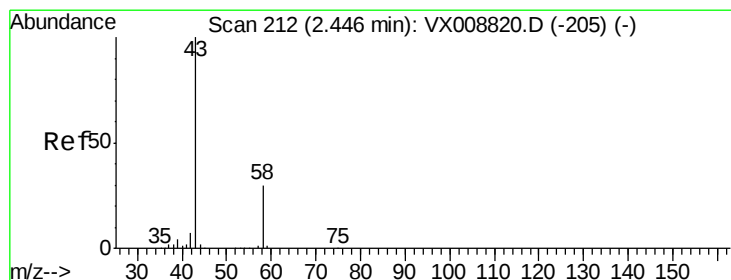
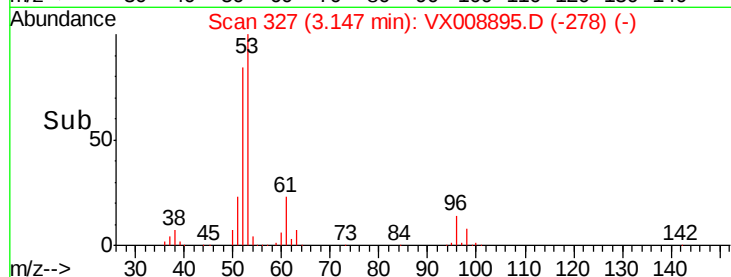
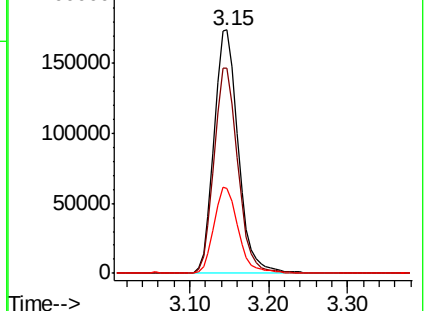
51 35.5 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 250.183 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008895.D

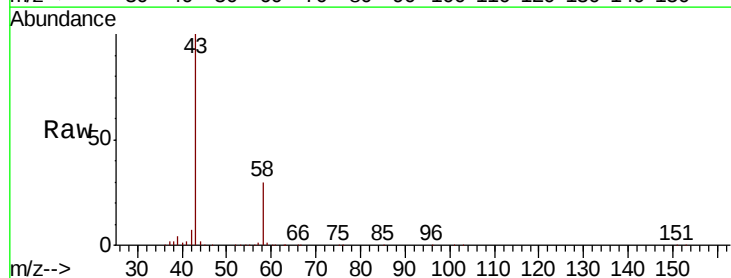
Acq: 12 Apr 2019 18:37

Tgt Ion: 43 Resp: 329377

Ion Ratio Lower Upper

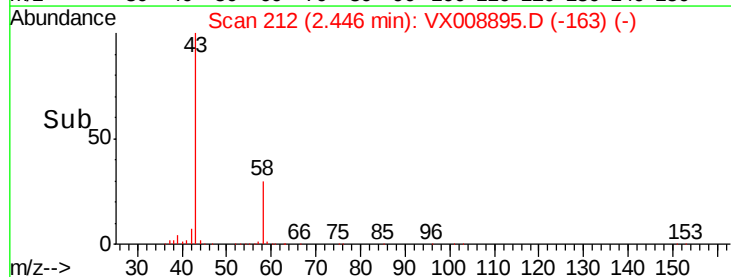
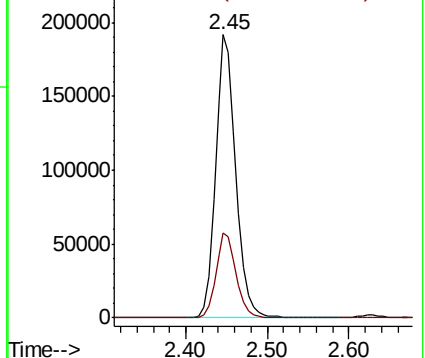
43 100

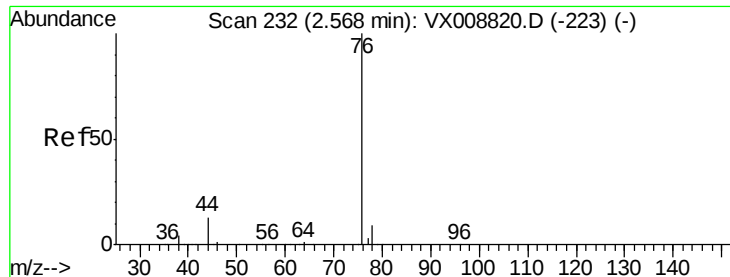
58 30.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.448 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

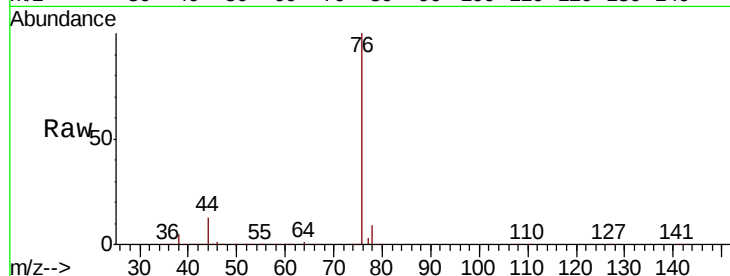
SA-PZ118I-20190409MS

Tot Ion: 76 Resp: 263904

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

100000

50000

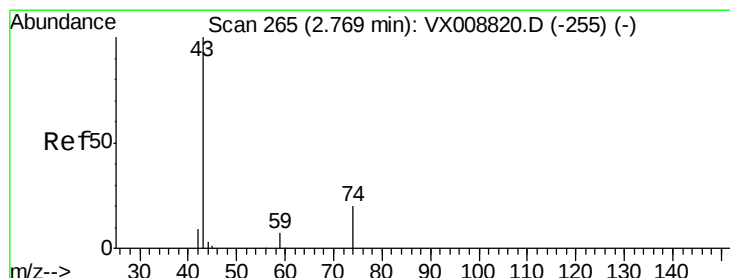
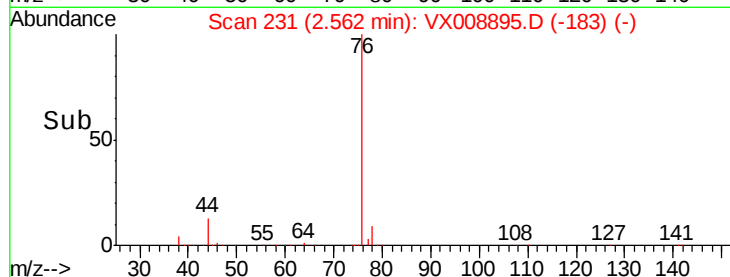
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 46.165 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008895.D

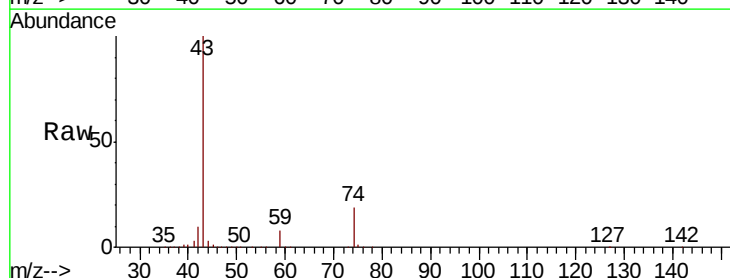
Acq: 12 Apr 2019 18:37

Tgt Ion: 43 Resp: 147404

Ion Ratio Lower Upper

43 100

74 20.2 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

60000

40000

20000

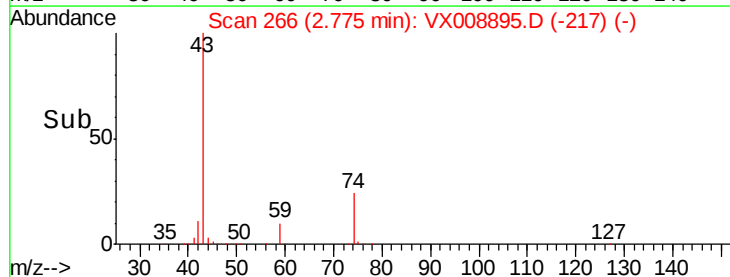
0

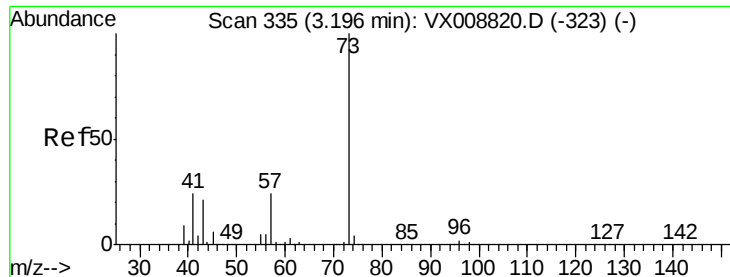
Time-->

2.70

2.80

2.90

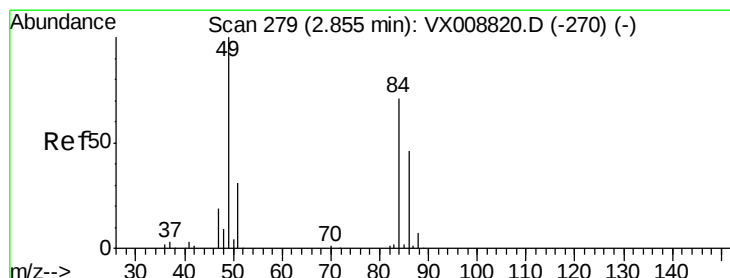
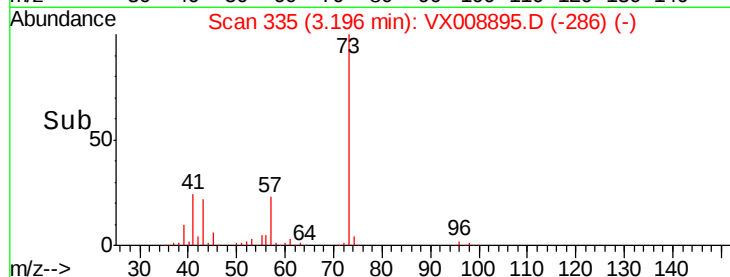
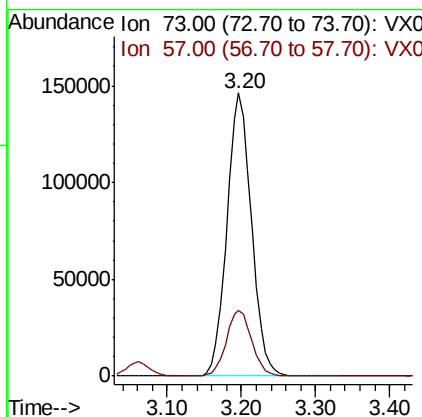
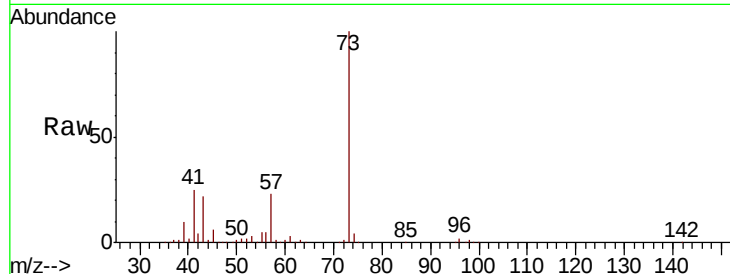




#19
Methyl tert-butyl Ether
Concen: 52.044 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

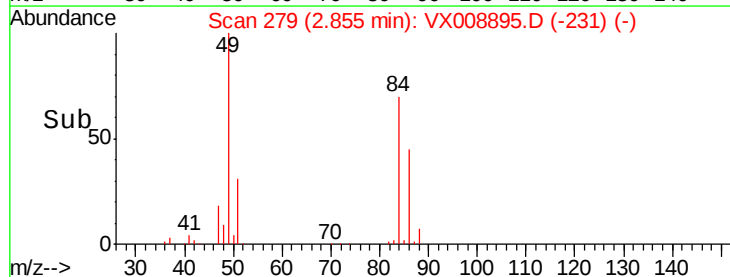
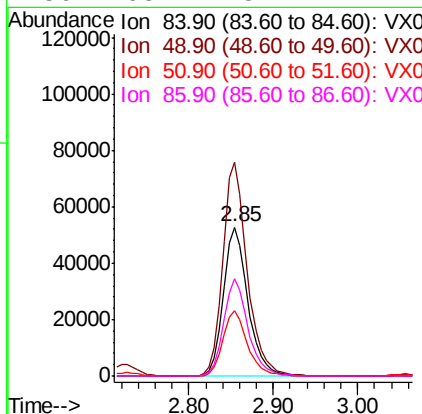
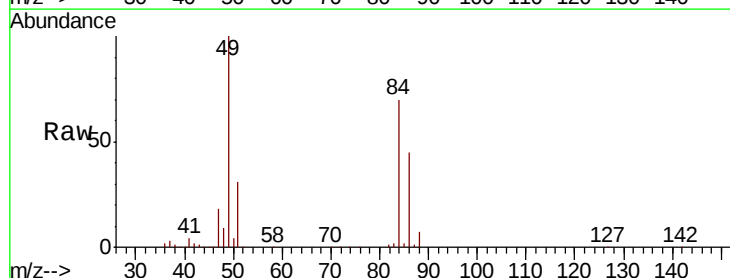
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MS

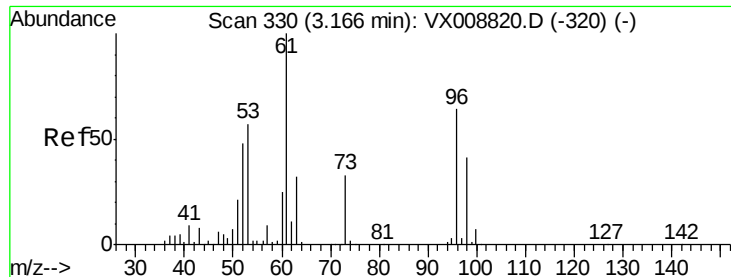
Tot Ion: 73 Resp: 336733
Ion Ratio Lower Upper
73 100
57 23.3 19.5 29.3



#20
Methylene Chloride
Concen: 47.811 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Tgt Ion: 84 Resp: 105363
Ion Ratio Lower Upper
84 100
49 143.5 109.7 164.5
51 44.2 33.6 50.4
86 65.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 49.392 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MS

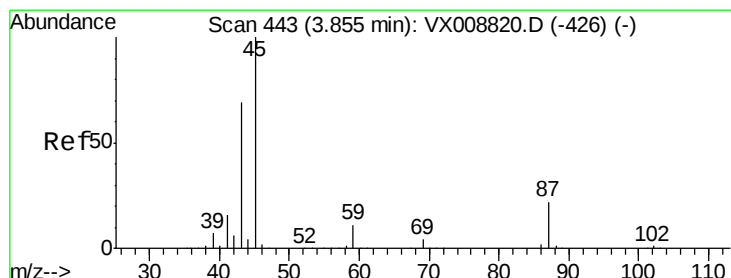
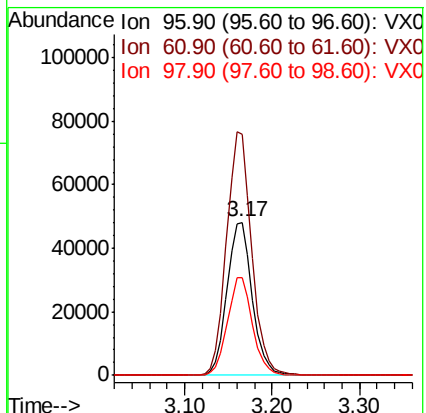
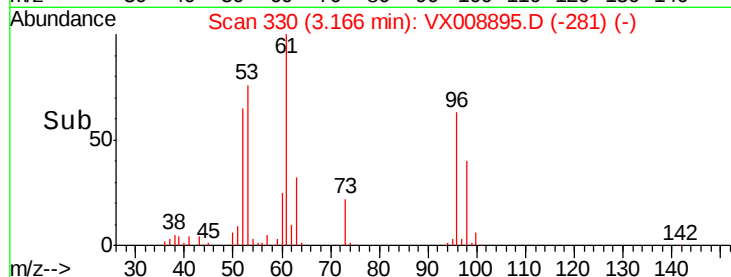
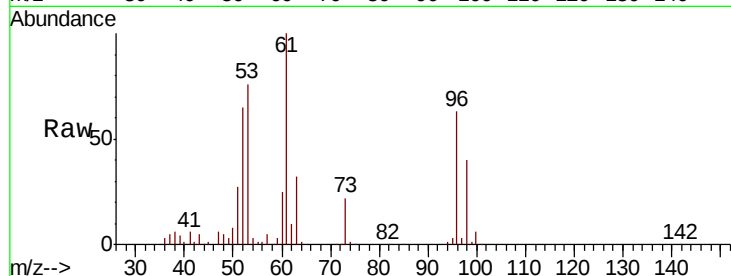
Tot Ion: 96 Resp: 96794

Ion Ratio Lower Upper

96 100

61 157.6 132.1 198.1

98 63.5 52.2 78.2



#22

Diisopropyl ether

Concen: 50.991 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Tgt Ion: 45 Resp: 407621

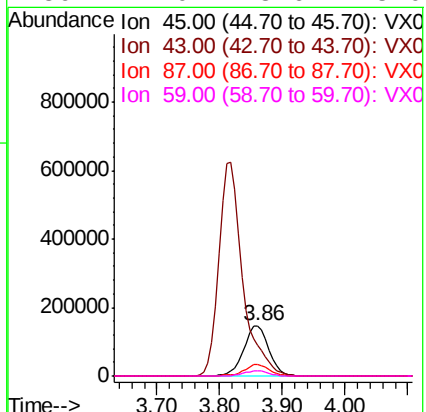
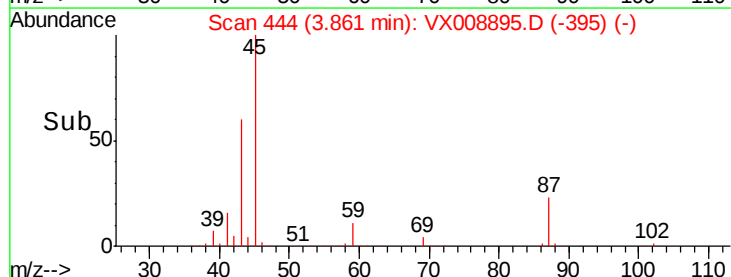
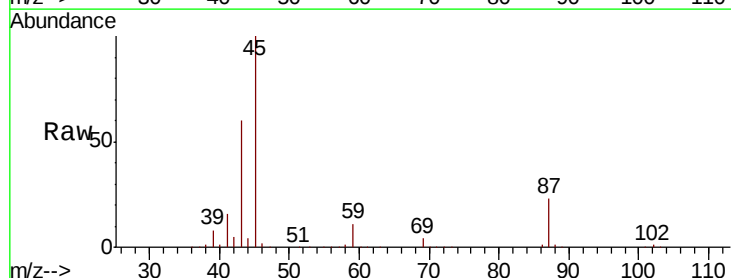
Ion Ratio Lower Upper

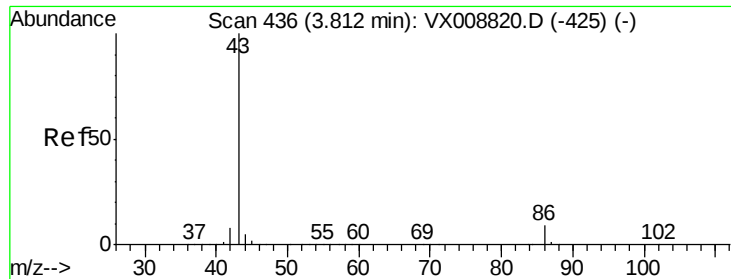
45 100

43 60.4 51.3 76.9

87 22.9 18.1 27.1

59 11.0 8.6 13.0





#23

Vinyl Acetate

Concen: 236.430 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

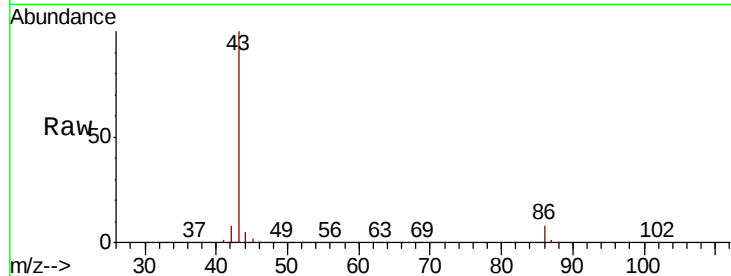
SA-PZ118I-20190409MS

Tot Ion: 43 Resp: 1644212

Ion Ratio Lower Upper

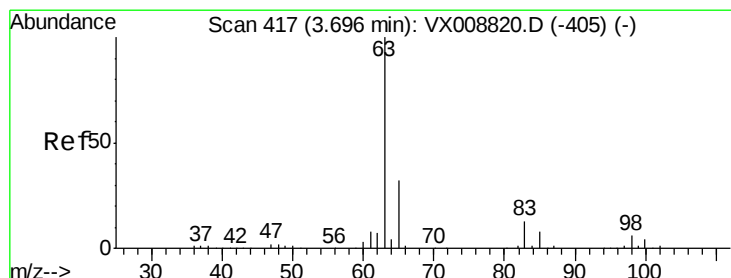
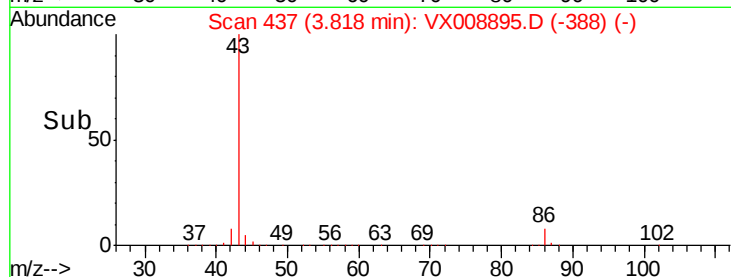
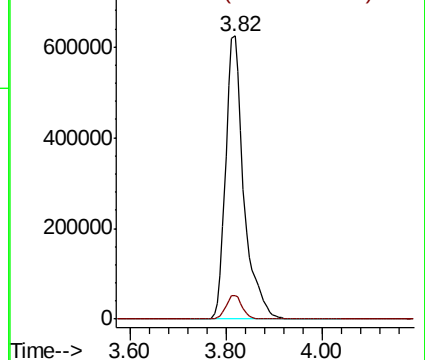
43 100

86 8.3 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.749 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

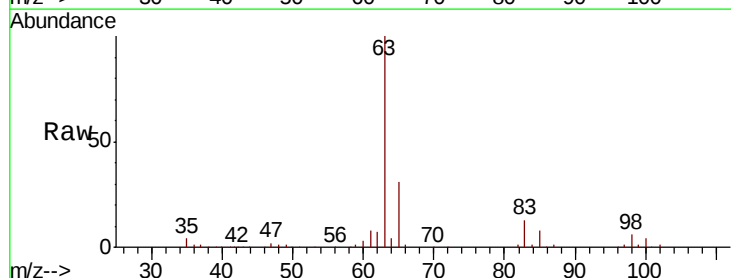
Tgt Ion: 63 Resp: 200864

Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.4

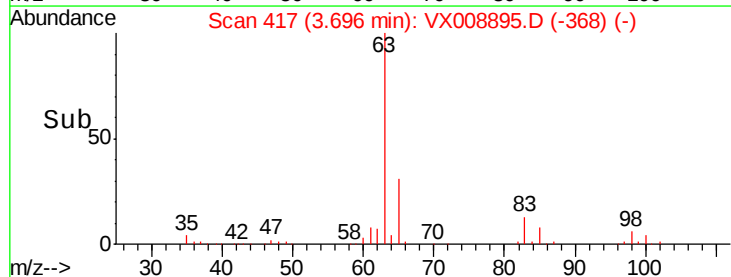
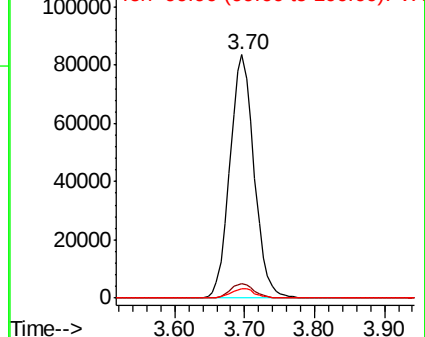
100 3.8 1.8 5.5

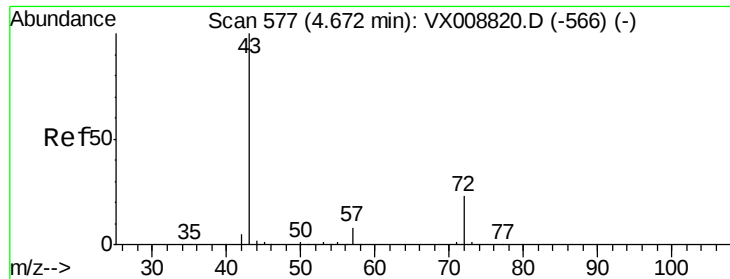


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 268.400 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

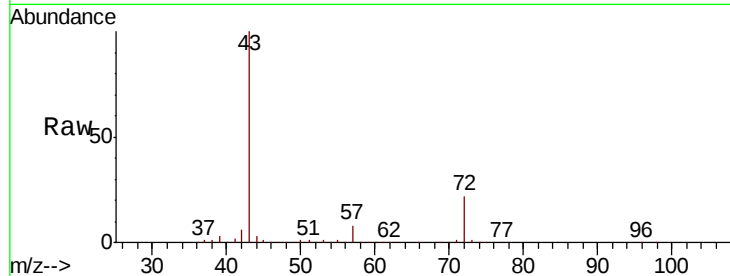
SA-PZ118I-20190409MS

Tot Ion: 43 Resp: 558496

Ion Ratio Lower Upper

43 100

72 22.3 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

200000

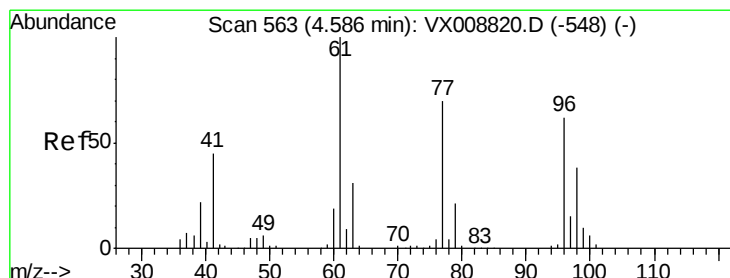
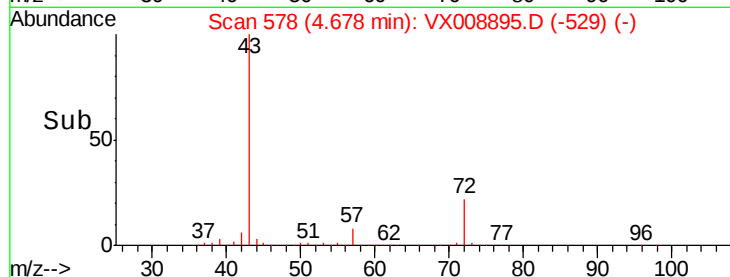
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 43.864 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008895.D

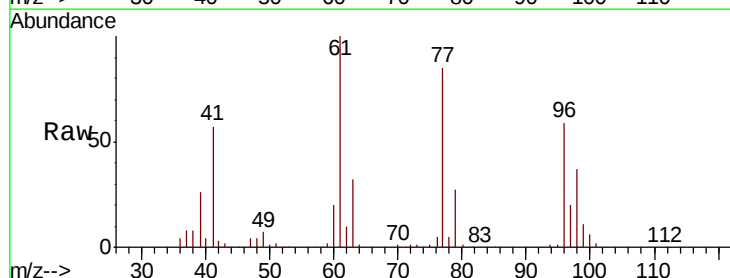
Acq: 12 Apr 2019 18:37

Tgt Ion: 77 Resp: 122278

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

40000

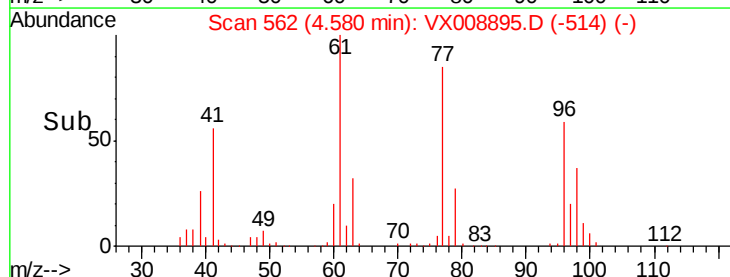
30000

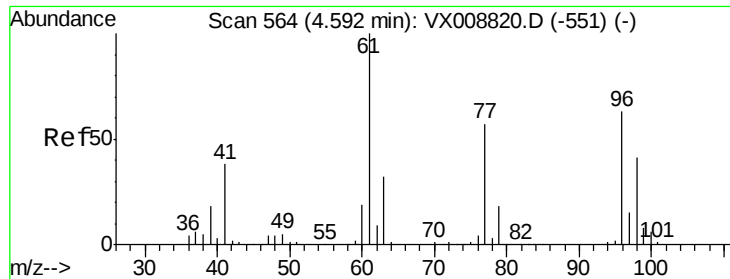
20000

10000

0

Time-->



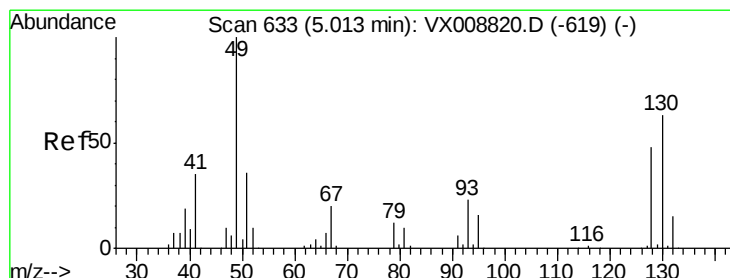
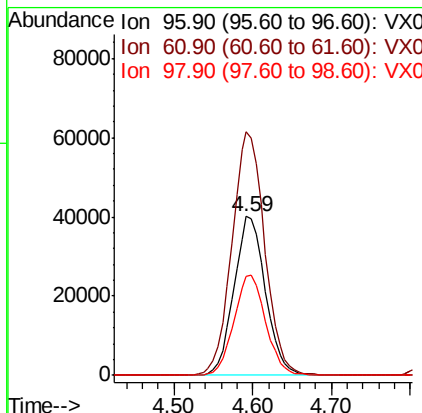
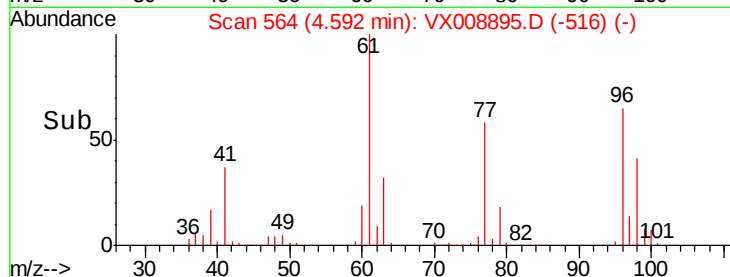
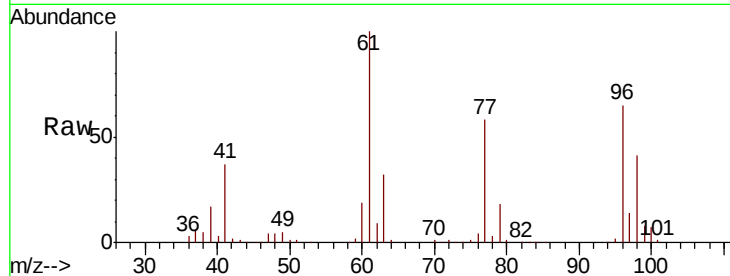


#27

cis-1,2-Dichloroethene
Concen: 49.465 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MS

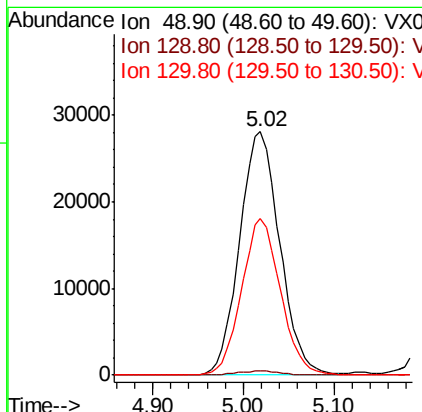
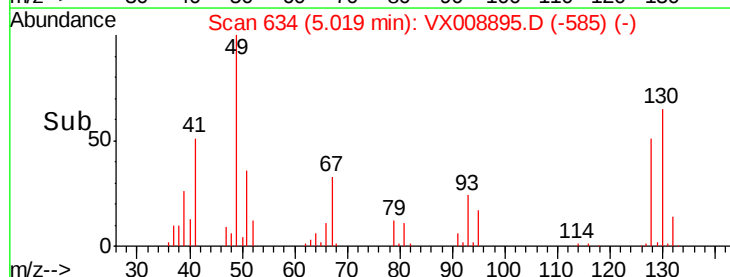
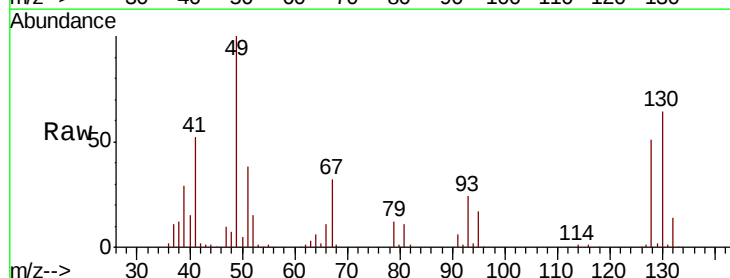
Tot Ion: 96 Resp: 111451
Ion Ratio Lower Upper
96 100
61 159.6 0.0 327.6
98 63.8 0.0 128.6

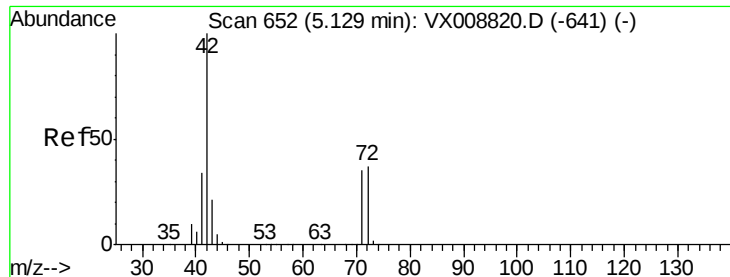


#28

Bromochloromethane
Concen: 52.334 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Tgt Ion: 49 Resp: 86292
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 62.0 49.3 73.9

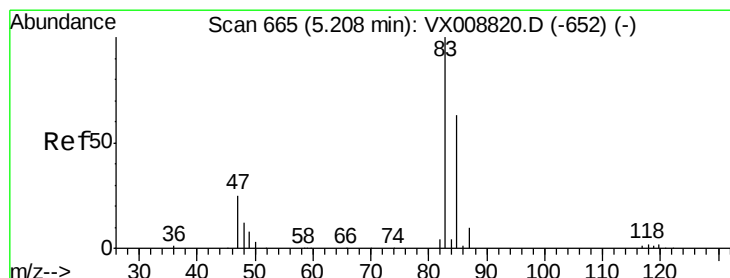
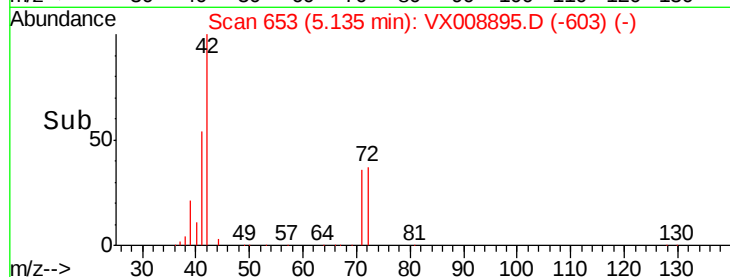
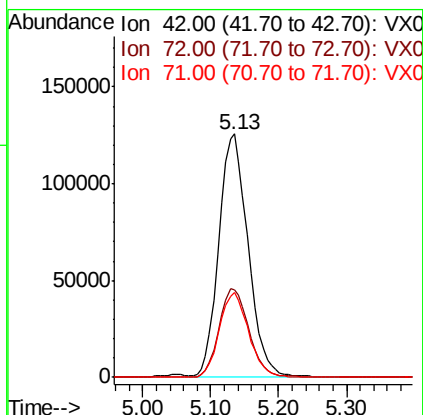
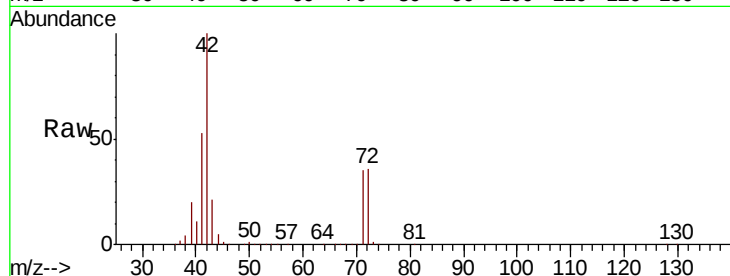




#29
Tetrahydrofuran
Concen: 271.497 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

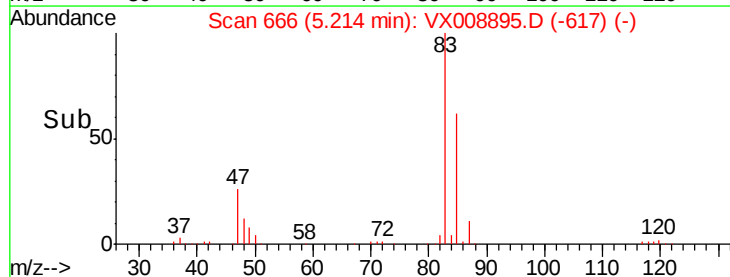
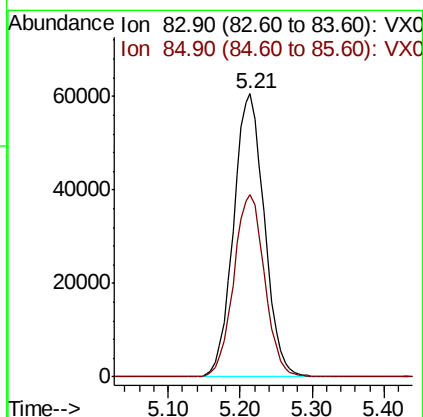
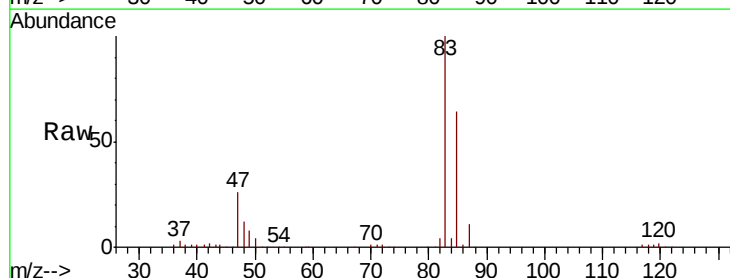
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MS

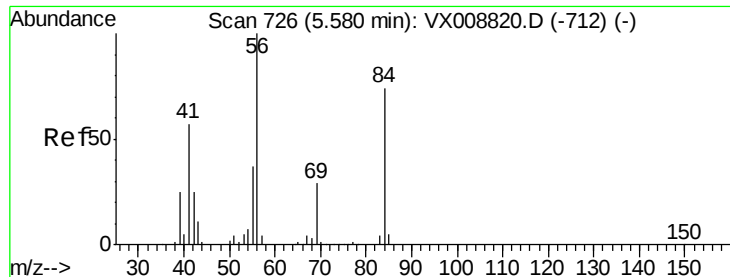
Tot Ion: 42 Resp: 374964
Ion Ratio Lower Upper
42 100
72 37.5 30.5 45.7
71 35.1 28.6 43.0



#30
Chloroform
Concen: 50.878 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Tgt Ion: 83 Resp: 179858
Ion Ratio Lower Upper
83 100
85 64.3 52.1 78.1





#31

Cyclohexane

Concen: 50.136 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MS

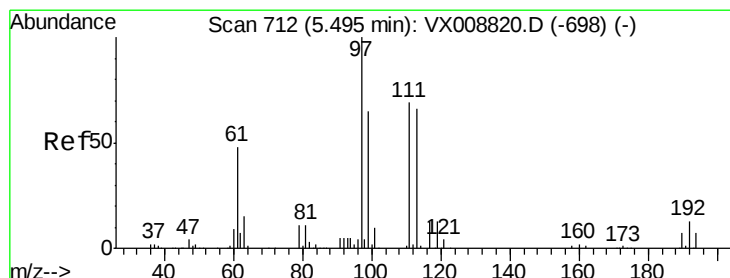
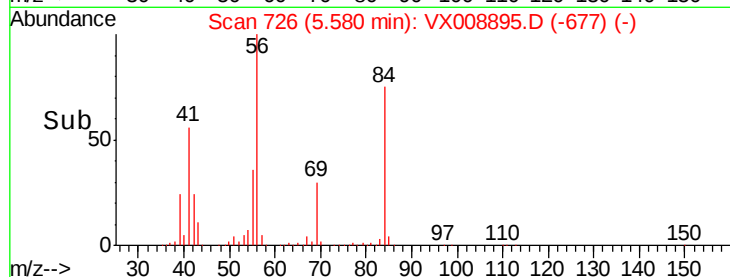
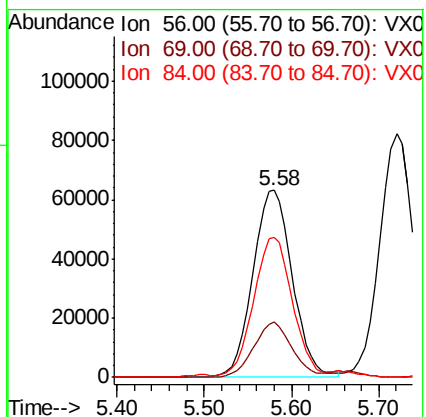
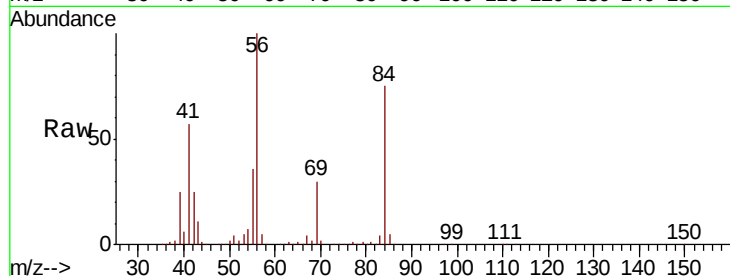
Tot Ion: 56 Resp: 198003

Ion Ratio Lower Upper

56 100

69 29.5 22.6 33.8

84 74.2 59.3 88.9



#32

1,1,1-Trichloroethane

Concen: 51.526 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

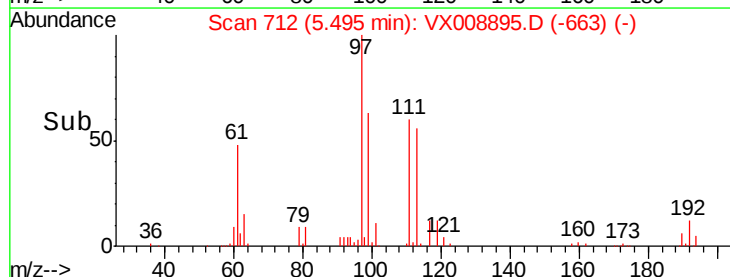
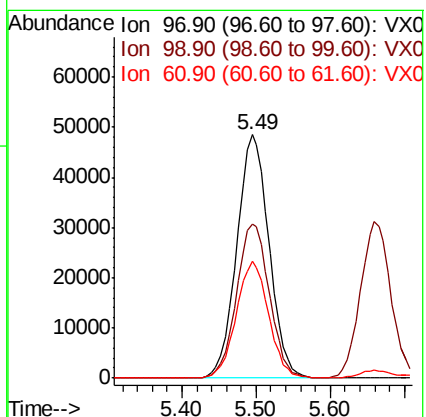
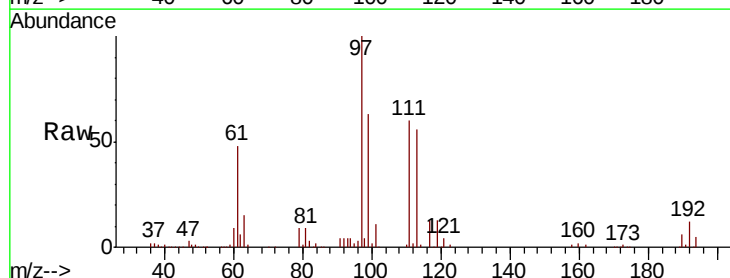
Tgt Ion: 97 Resp: 147196

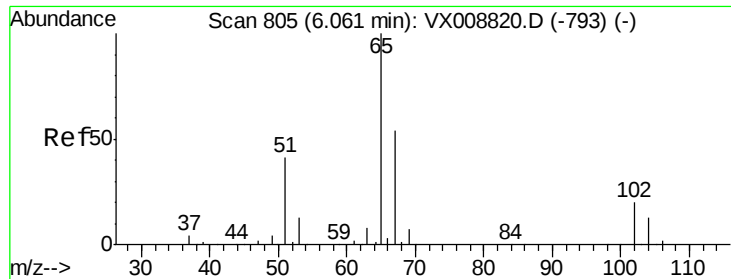
Ion Ratio Lower Upper

97 100

99 64.6 51.3 76.9

61 48.3 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 47.403 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

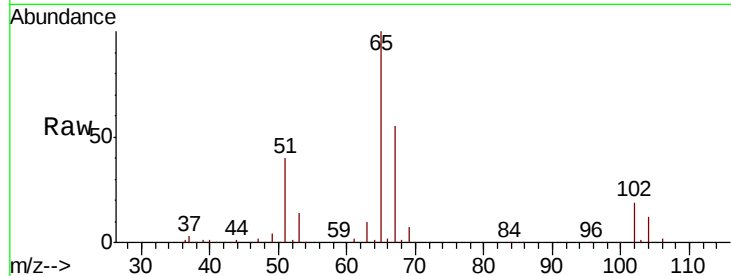
SA-PZ118I-20190409MS

Tot Ion: 65 Resp: 108353

Ion Ratio Lower Upper

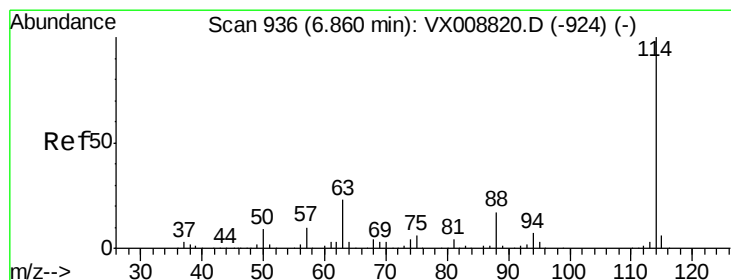
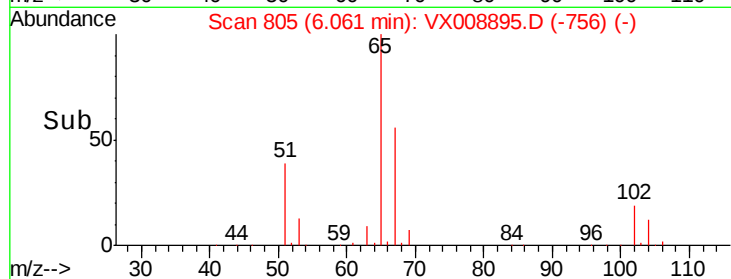
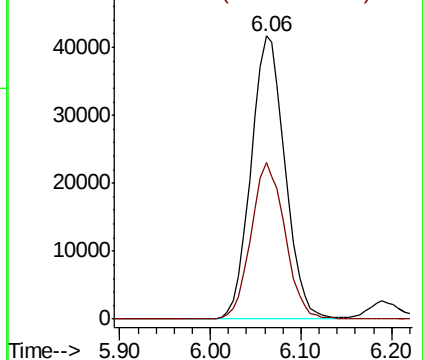
65 100

67 55.0 0.0 107.2



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: VX008895.D

Acq: 12 Apr 2019 18:37

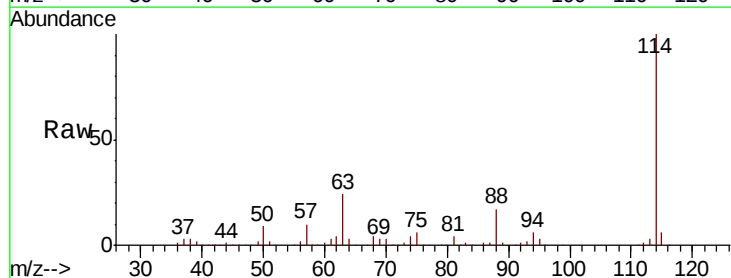
Tgt Ion: 114 Resp: 260092

Ion Ratio Lower Upper

114 100

63 23.6 0.0 47.2

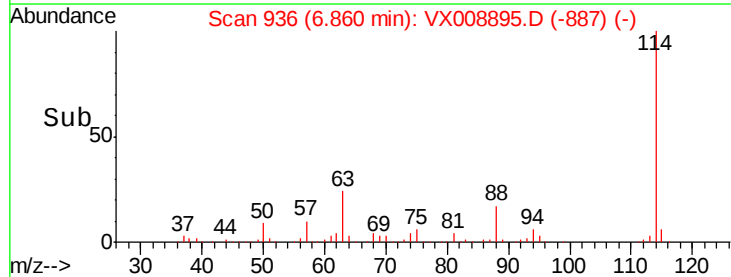
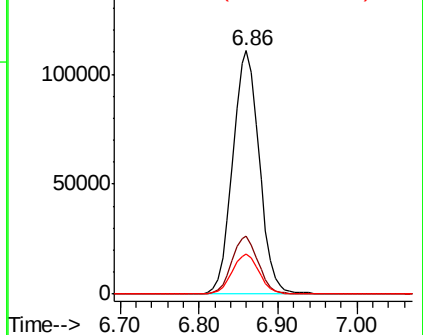
88 16.5 0.0 34.0

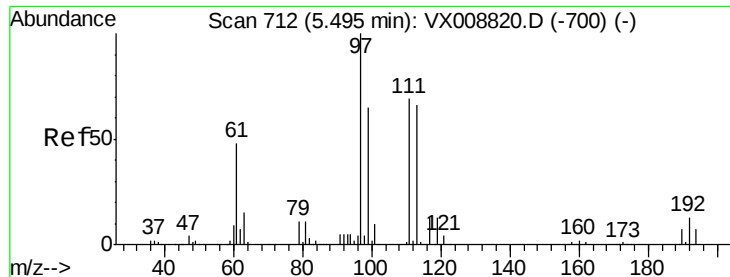


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.587 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MS

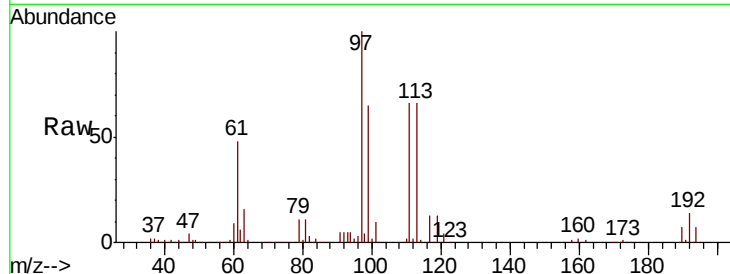
Tot Ion:113 Resp: 80797

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

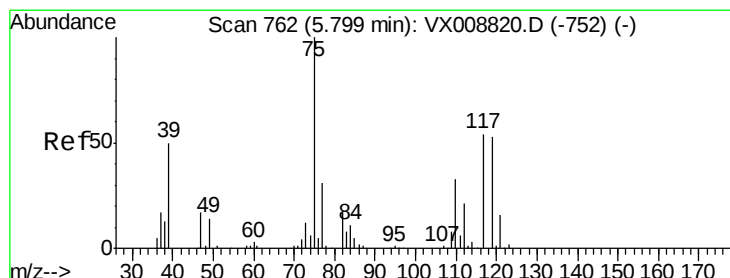
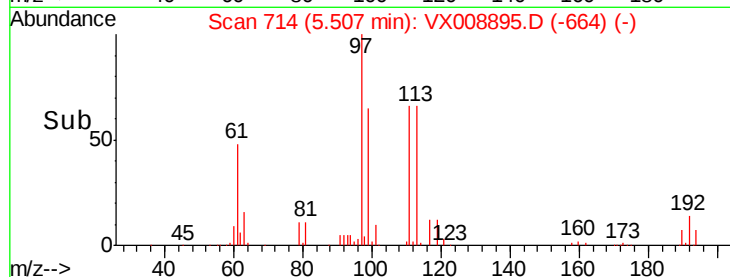
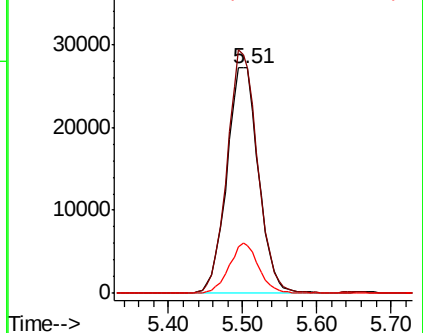
192 20.6 16.1 24.1



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: 49.234 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

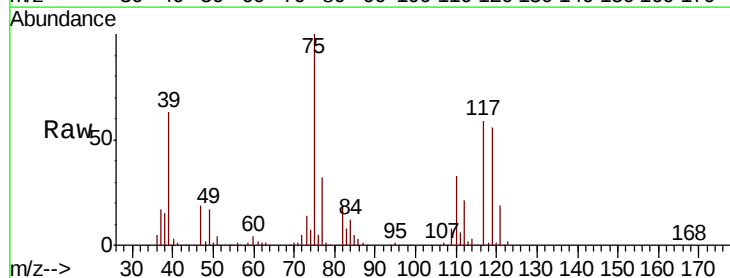
Tgt Ion: 75 Resp: 139977

Ion Ratio Lower Upper

75 100

110 33.6 16.4 49.2

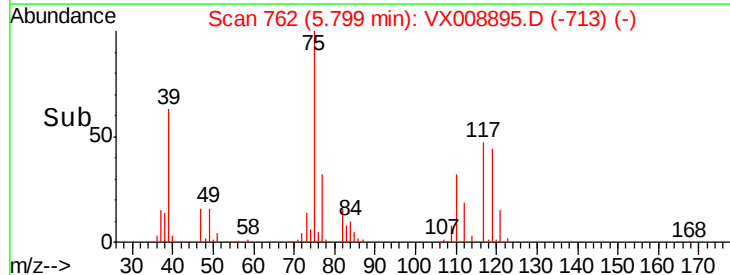
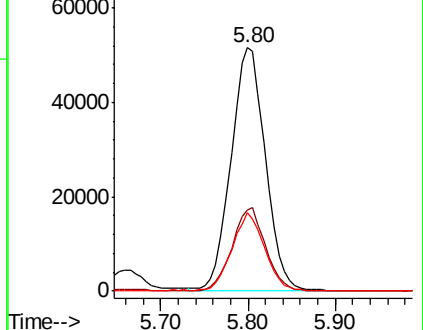
77 30.9 24.7 37.1

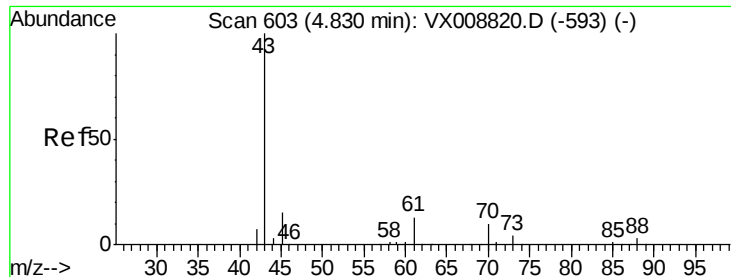


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

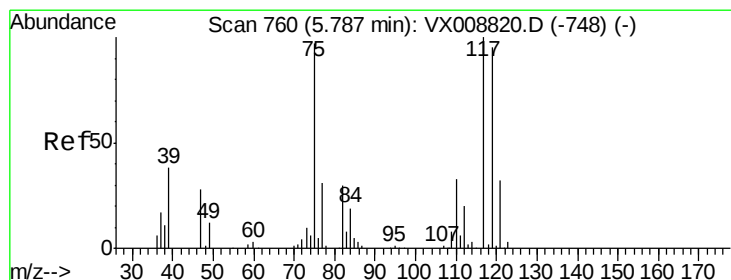
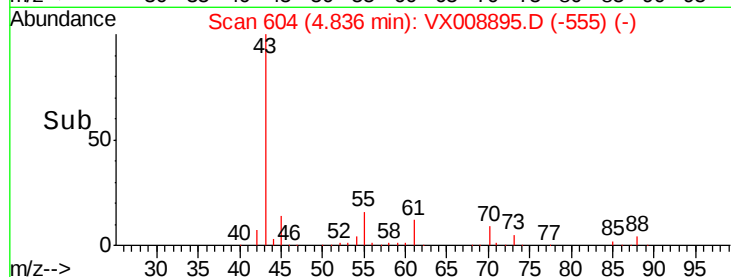
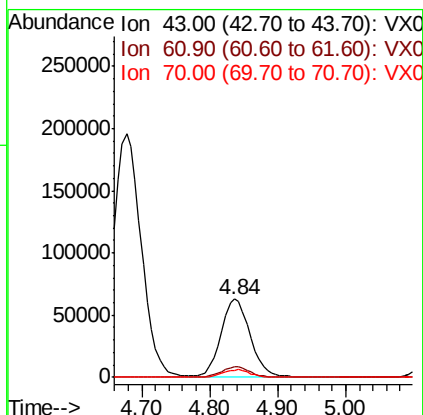
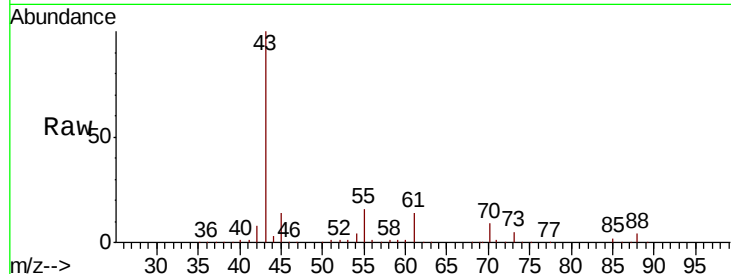




#37
Ethyl Acetate
Concen: 49.416 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

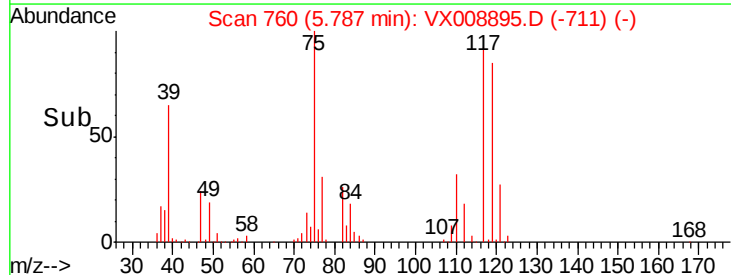
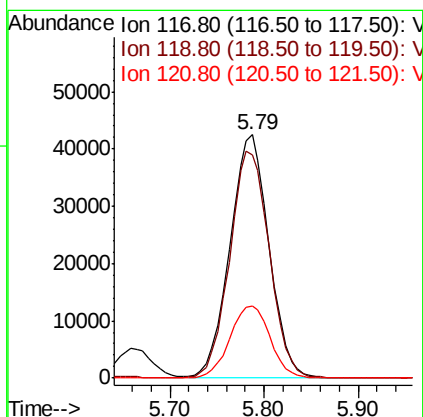
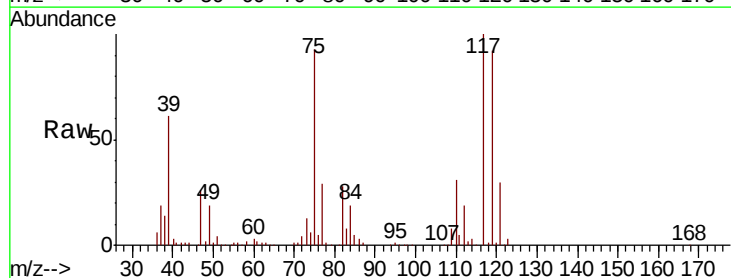
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MS

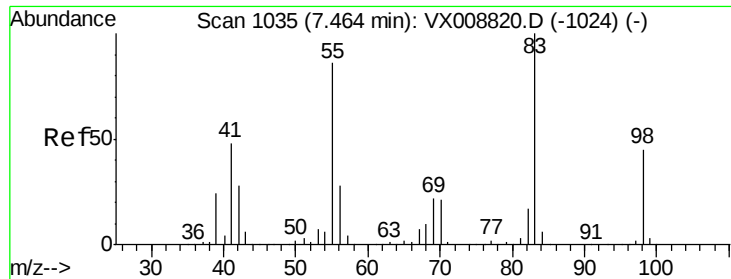
Tot Ion: 43 Resp: 187529
Ion Ratio Lower Upper
43 100
61 13.2 10.3 15.5
70 9.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 52.068 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Tgt Ion: 117 Resp: 122521
Ion Ratio Lower Upper
117 100
119 91.6 75.0 112.6
121 29.6 24.3 36.5

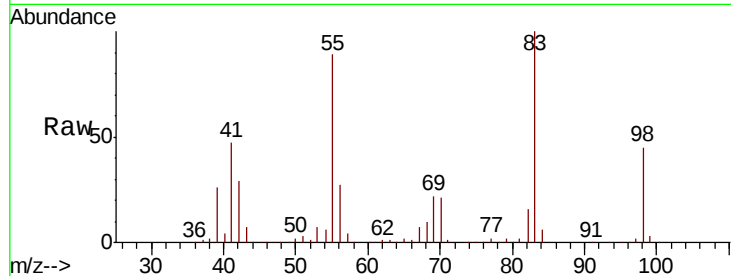




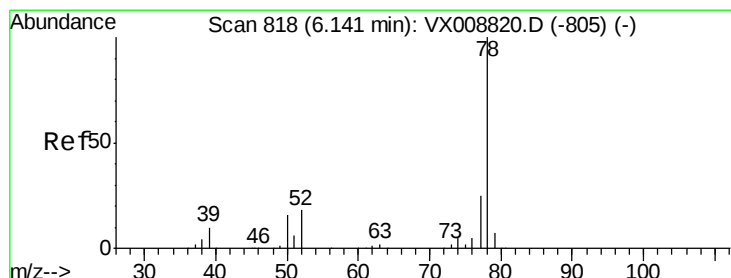
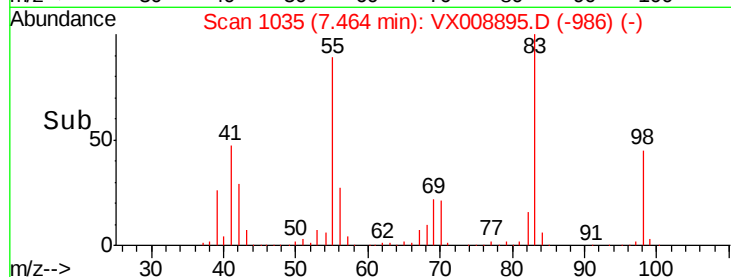
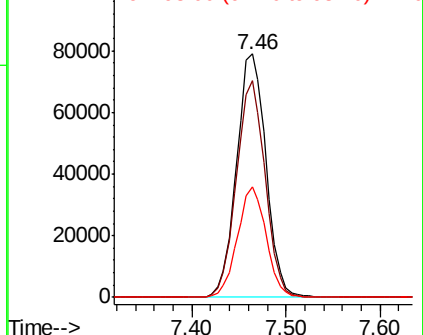
#39
Methvlcvclohexane
Concen: 49.134 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MS

Tot Ion: 83 Resp: 172565
Ion Ratio Lower Upper
83 100
55 89.1 69.0 103.6
98 45.4 34.4 51.6

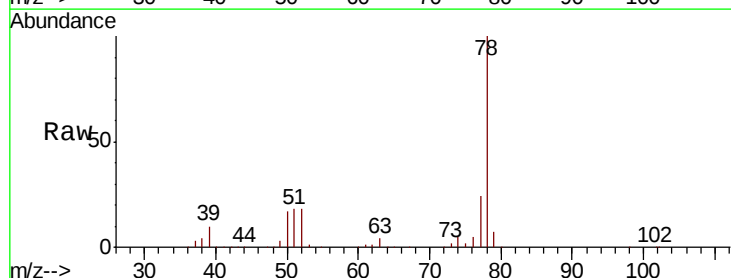


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

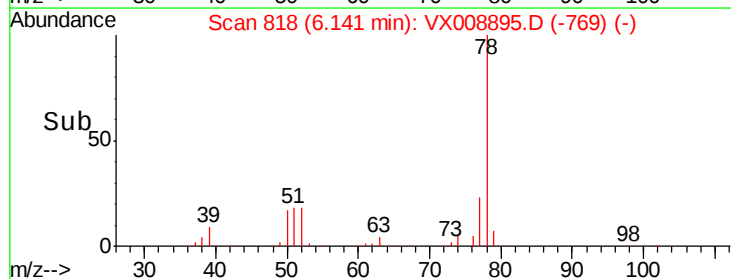
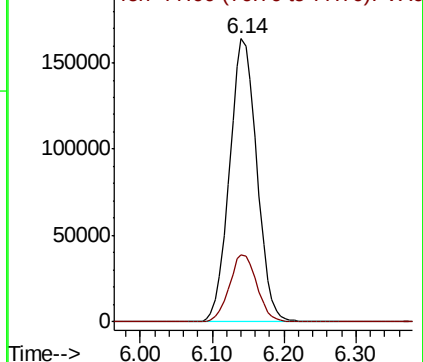


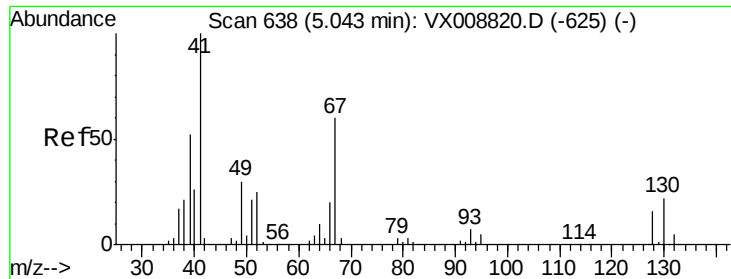
#40
Benzene
Concen: 51.097 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Tgt Ion: 78 Resp: 432786
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7



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

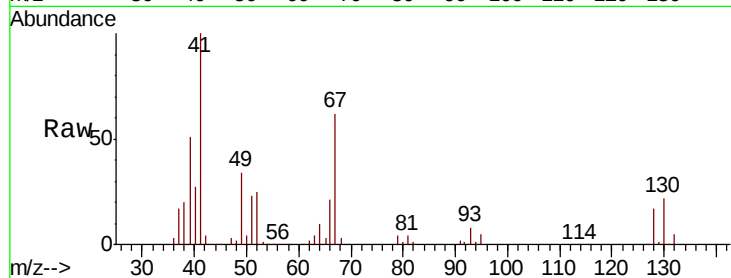




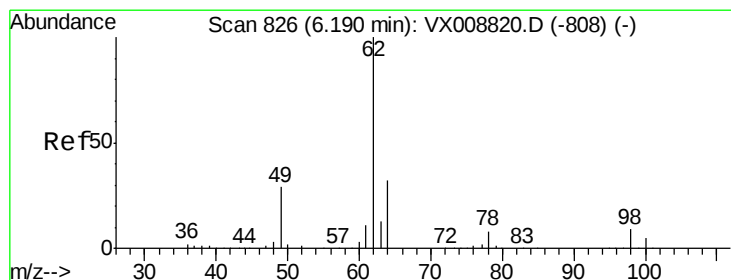
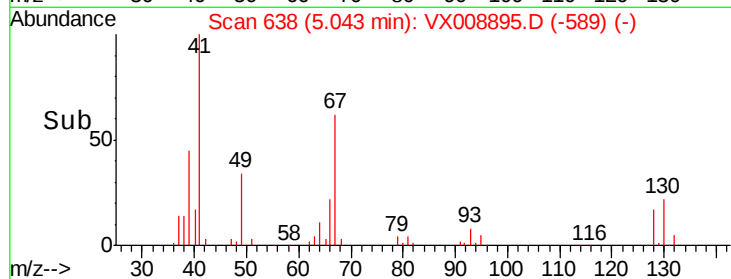
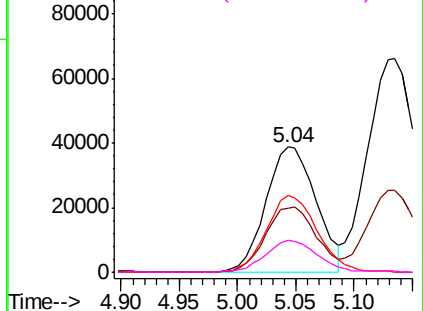
#41
Methacrylonitrile
Concen: 53.053 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MS

Tot Ion:	41	Resp:	115727
Ion	Ratio	Lower	Upper
41	100		
39	52.4	42.1	63.1
67	62.3	51.0	76.6
52	26.2	21.4	32.0

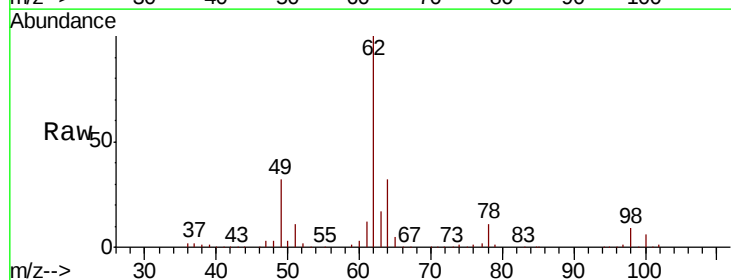


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

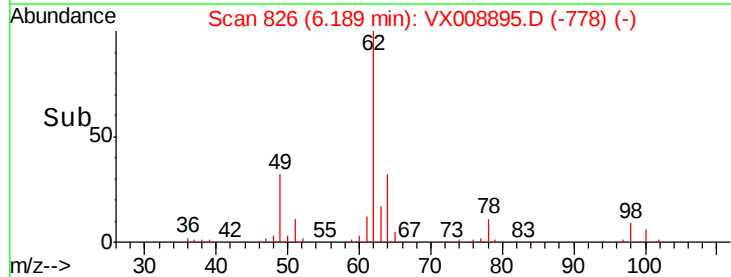
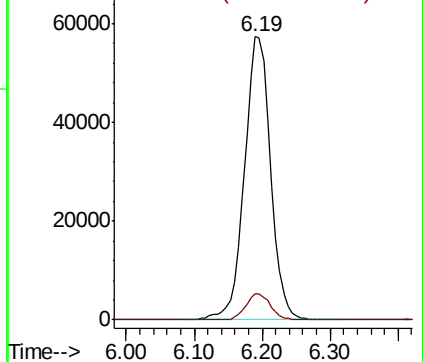


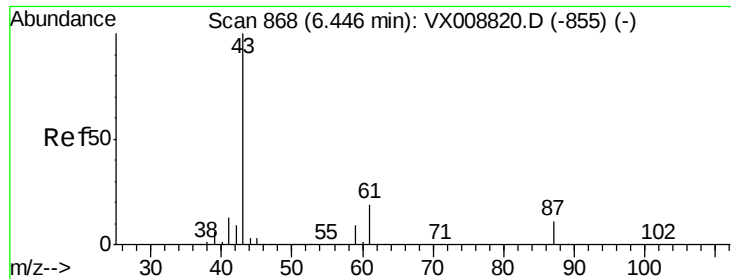
#42
1,2-Dichloroethane
Concen: 50.541 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Tgt Ion:	62	Resp:	153465
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



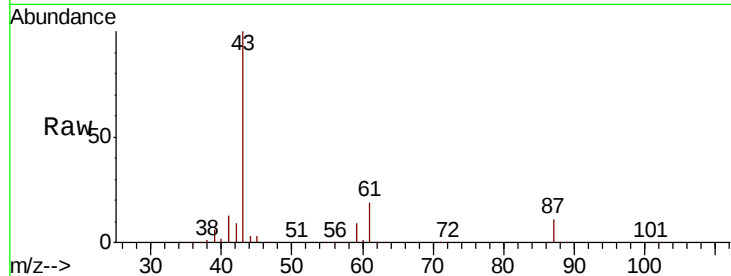


#43

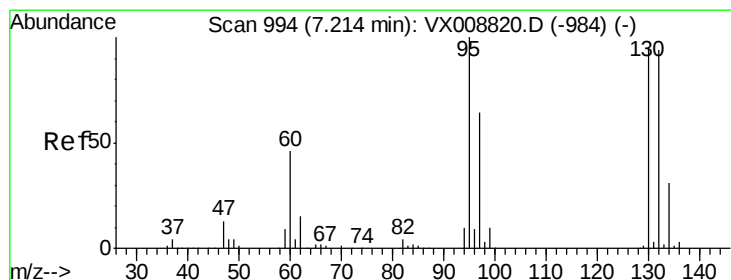
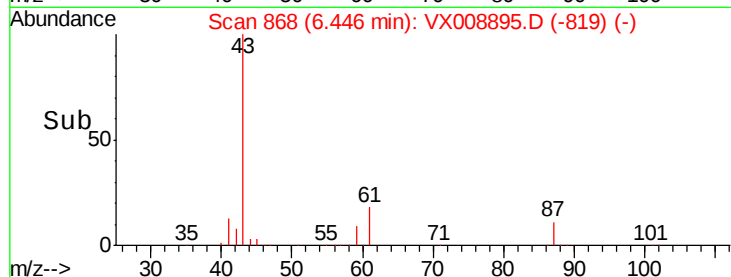
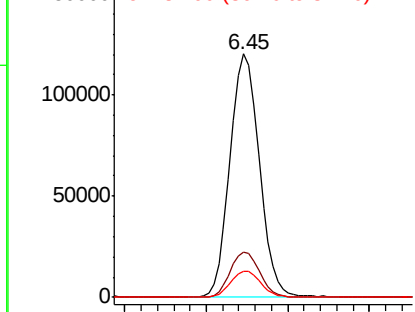
Isopropyl Acetate
 Concen: 50.357 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MS

Tot Ion	43	Resp	299357
Ion Ratio	Lower	Upper	
43	100		
61	18.8	15.3	22.9
87	11.0	9.0	13.6



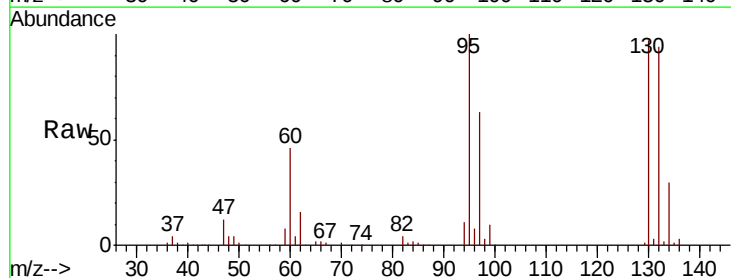
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



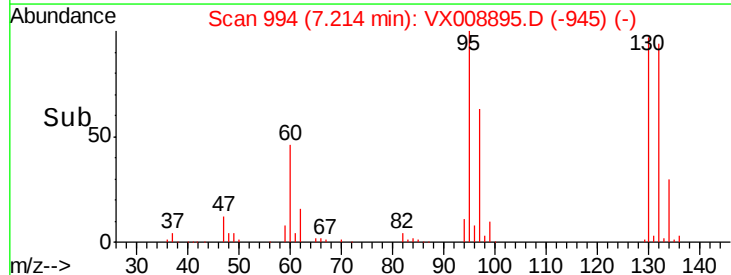
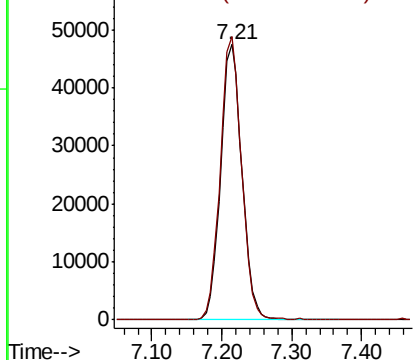
#44

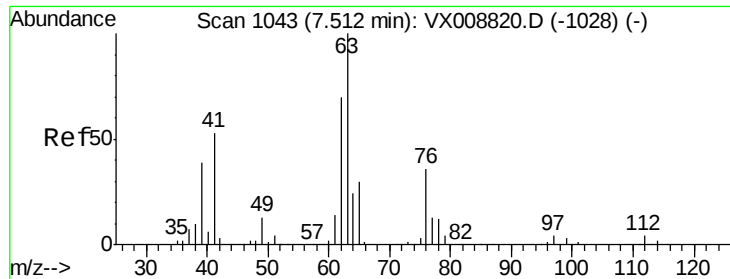
Trichloroethene
 Concen: 51.008 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

Tgt Ion	130	Resp	100622
Ion Ratio	Lower	Upper	
130	100		
95	102.8	0.0	209.8



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

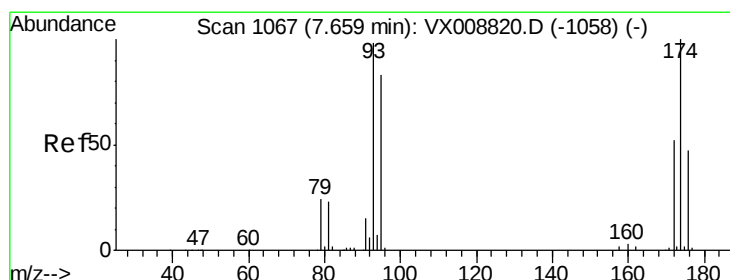
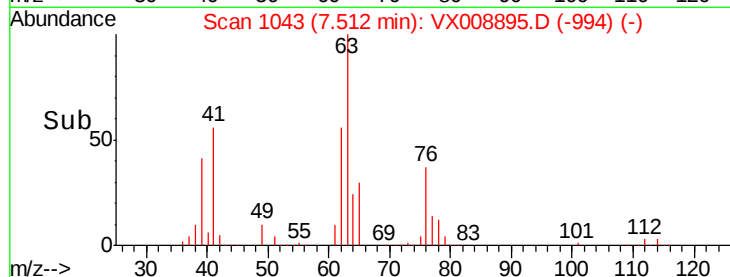
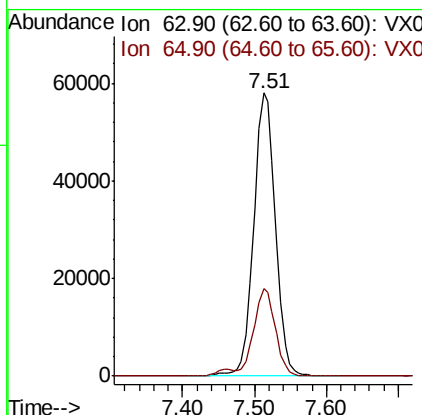
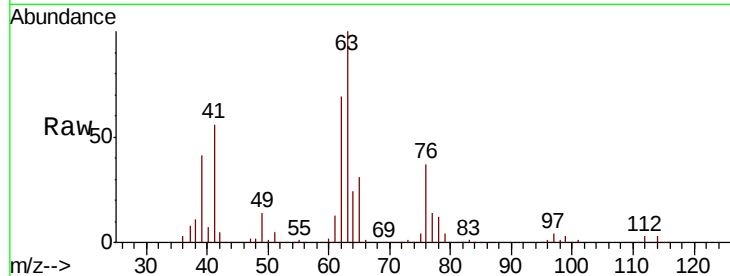




#45
 1,2-Dichloropropane
 Concen: 50.393 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

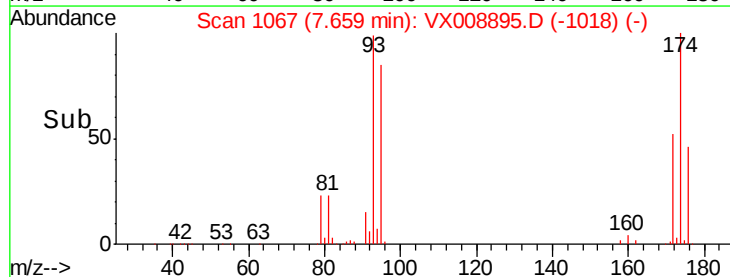
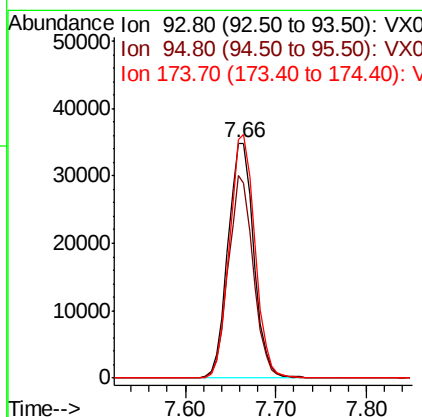
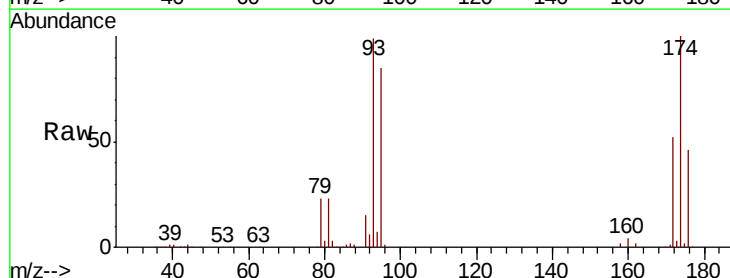
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MS

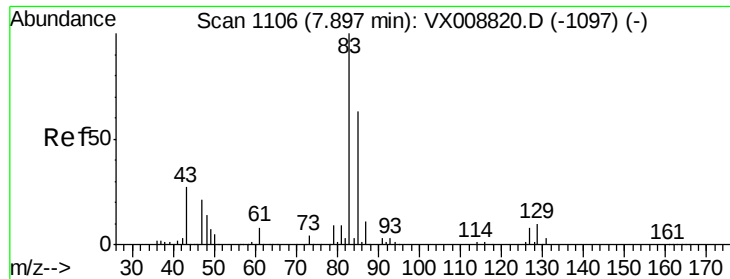
Tot Ion: 63 Resp: 121826
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.2 36.4



#46
 Dibromomethane
 Concen: 49.233 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

Tgt Ion: 93 Resp: 69030
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.6 99.8
 174 102.0 77.7 116.5





#47

Bromodichloromethane

Concen: 51.801 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MS

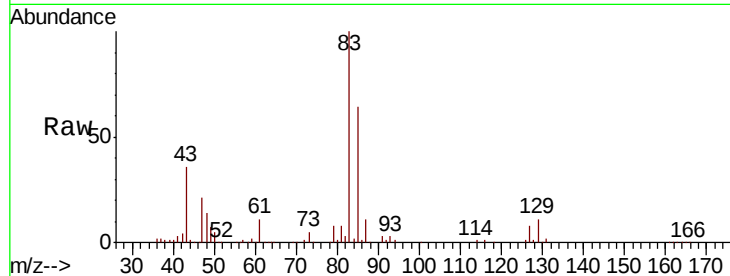
Tot Ion: 83 Resp: 136945

Ion Ratio Lower Upper

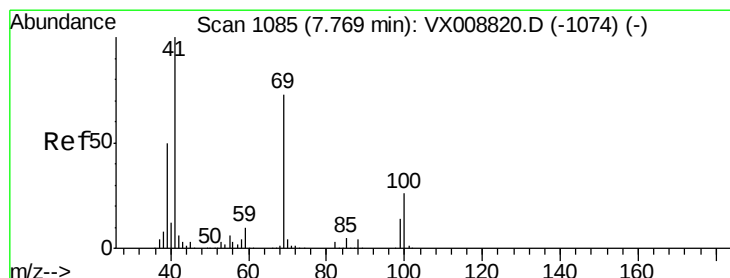
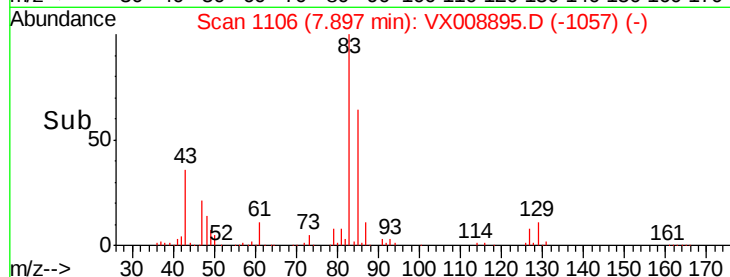
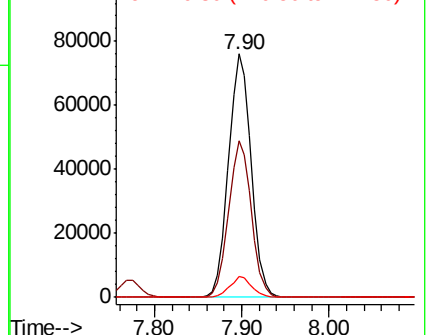
83 100

85 64.2 51.2 76.8

127 8.3 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.273 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

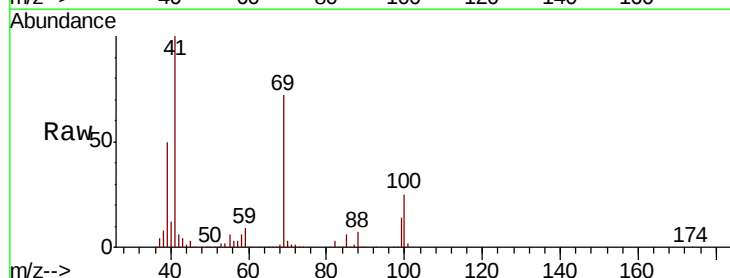
Tgt Ion: 41 Resp: 160199

Ion Ratio Lower Upper

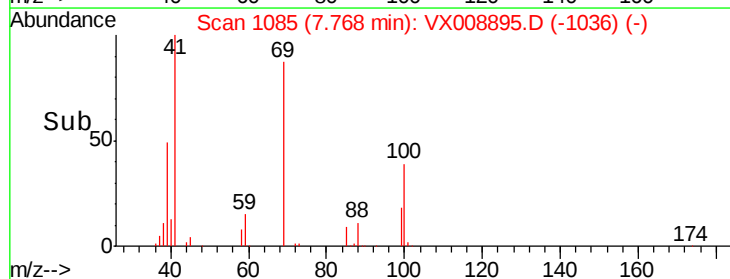
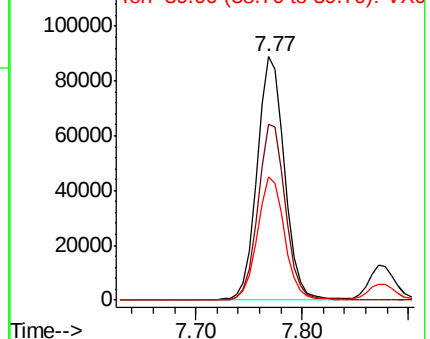
41 100

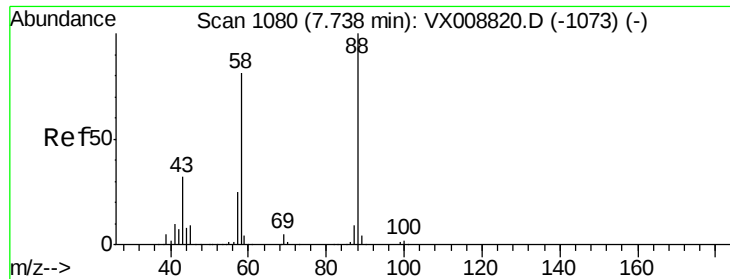
69 72.9 59.0 88.4

39 50.2 41.0 61.4



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

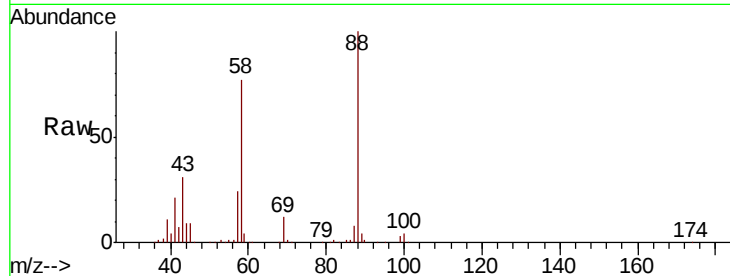




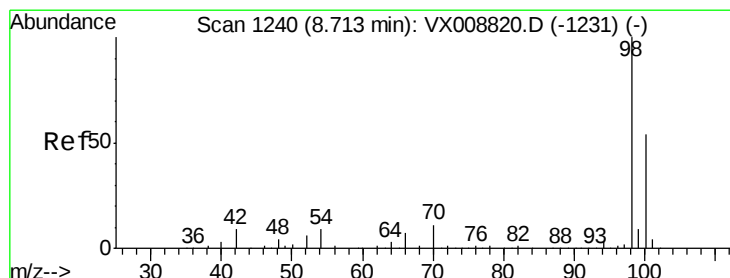
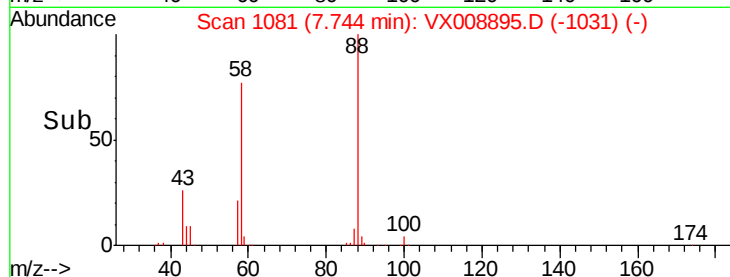
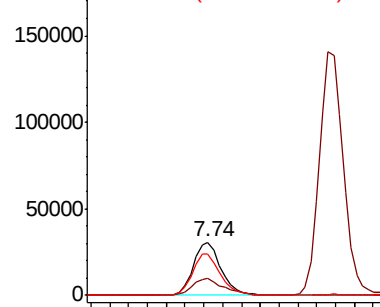
#49
1,4-Dioxane
Concen: 1106.153 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MS

Tot Ion: 88 Resp: 62312
Ion Ratio Lower Upper
88 100
43 35.7 28.6 43.0
58 79.2 62.2 93.2

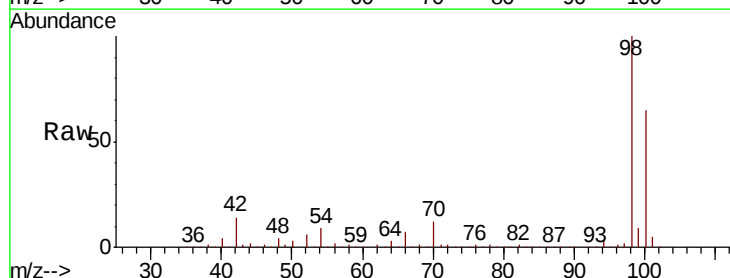


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

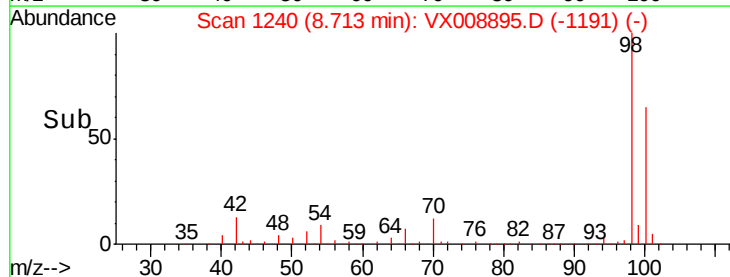
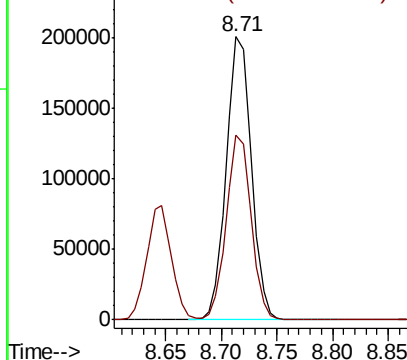


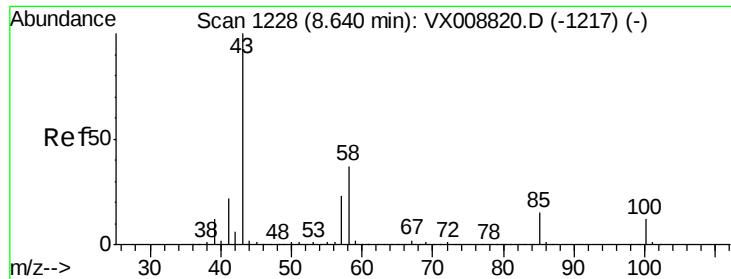
#50
Toluene-d8
Concen: 47.502 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Tgt Ion: 98 Resp: 314524
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



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: 270.637 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

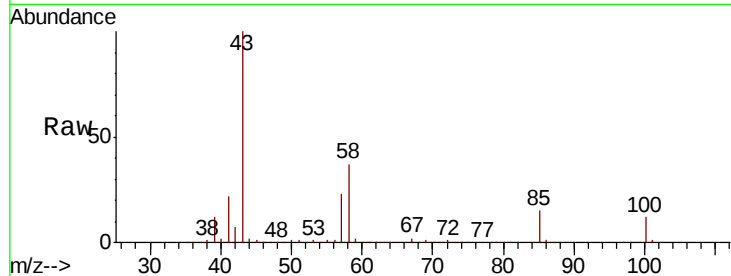
SA-PZ118I-20190409MS

Tot Ion: 43 Resp: 1035683

Ion Ratio Lower Upper

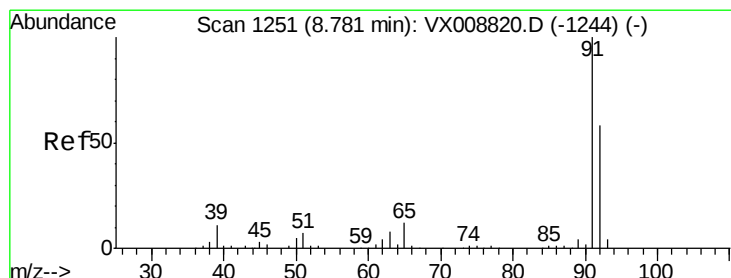
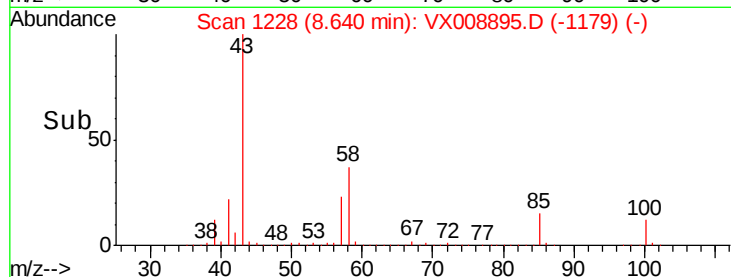
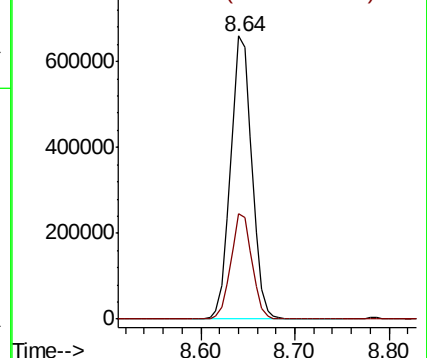
43 100

58 36.8 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.608 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008895.D

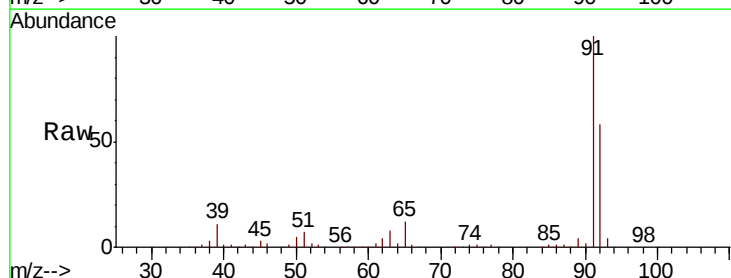
Acq: 12 Apr 2019 18:37

Tgt Ion: 92 Resp: 252707

Ion Ratio Lower Upper

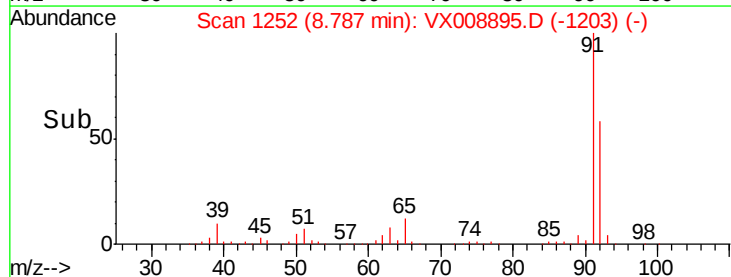
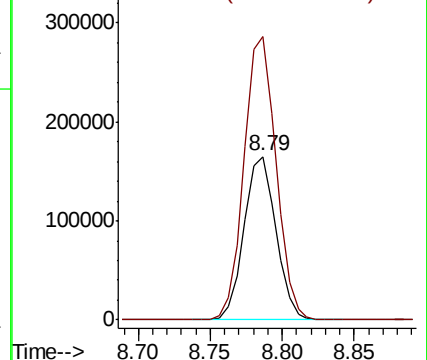
92 100

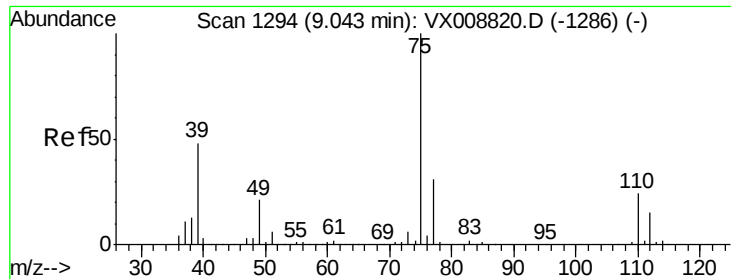
91 175.0 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.977 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

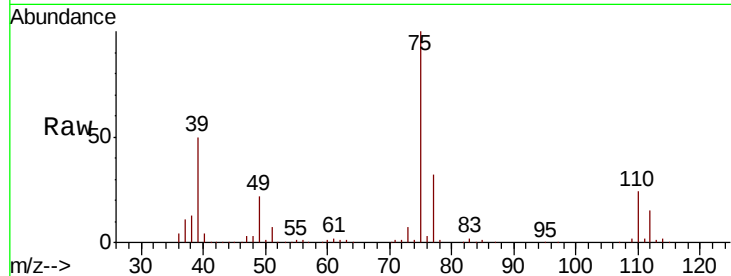
SA-PZ118I-20190409MS

Tot Ion: 75 Resp: 153923

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

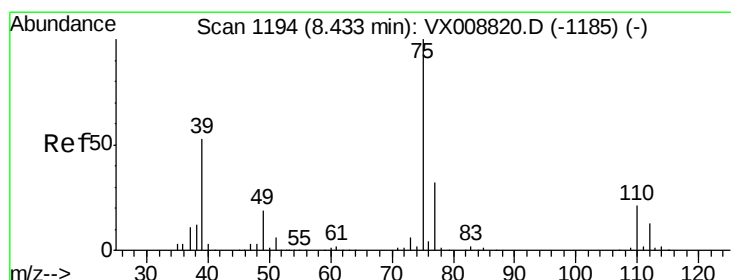
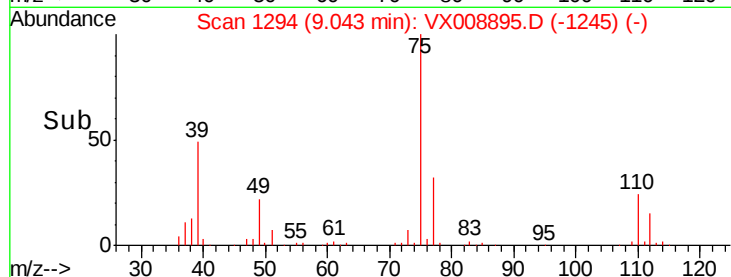
60000

40000

20000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 50.617 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

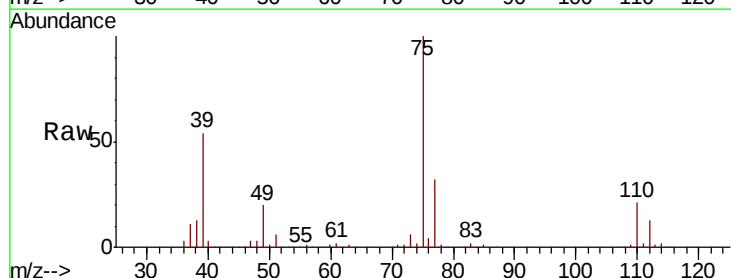
Tgt Ion: 75 Resp: 171277

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 54.1 42.6 63.8



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

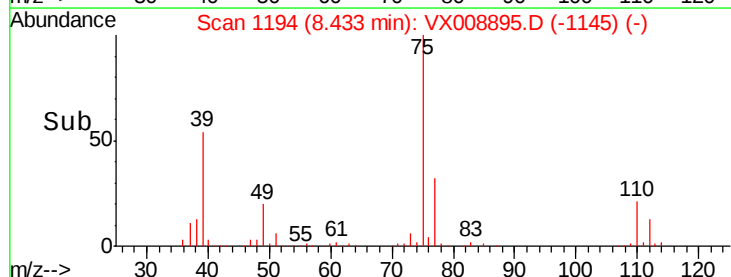
150000

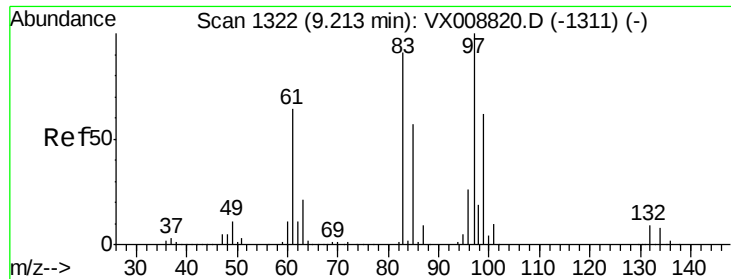
100000

50000

0

Time--> 8.40 8.50

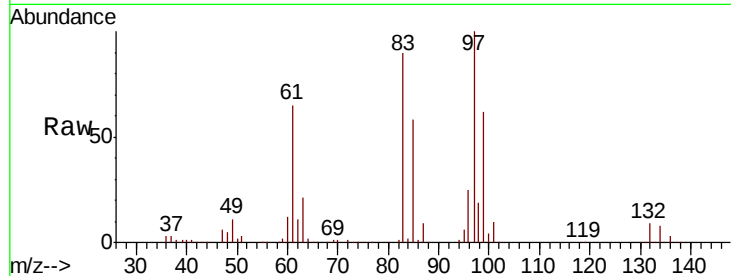




#55
 1,1,2-Trichloroethane
 Concen: 51.566 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MS

Tot Ion	97	Resp	103359
Ion Ratio	Lower	Upper	
97	100		
83	90.3	73.2	109.8
85	57.7	46.6	69.8
99	61.7	50.1	75.1



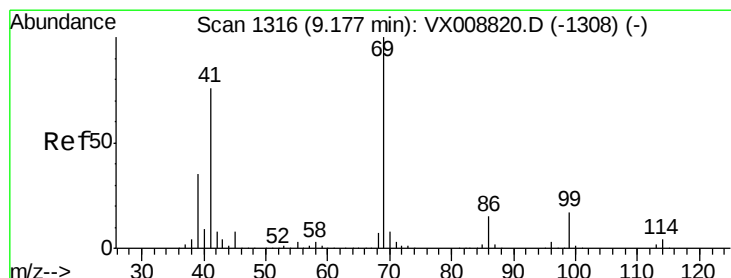
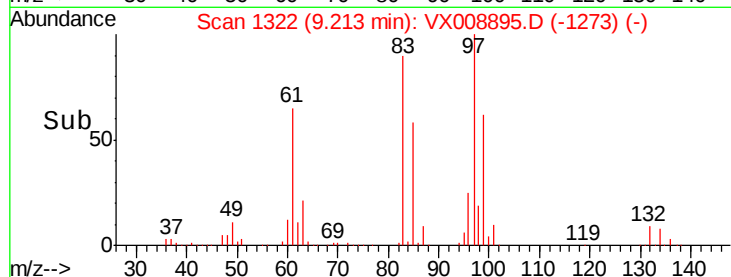
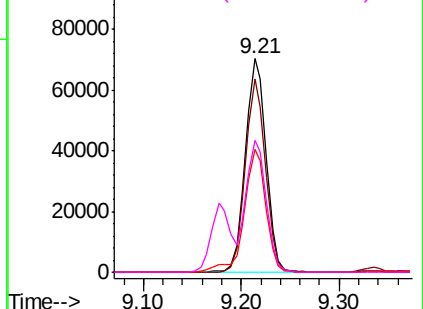
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

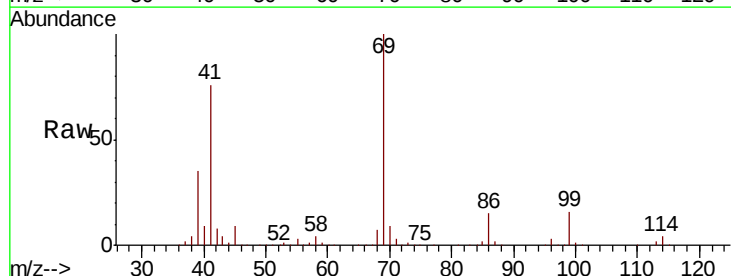
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 51.917 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

Tgt Ion	69	Resp	188281
Ion Ratio	Lower	Upper	
69	100		
41	76.3	60.1	90.1
39	35.8	28.9	43.3

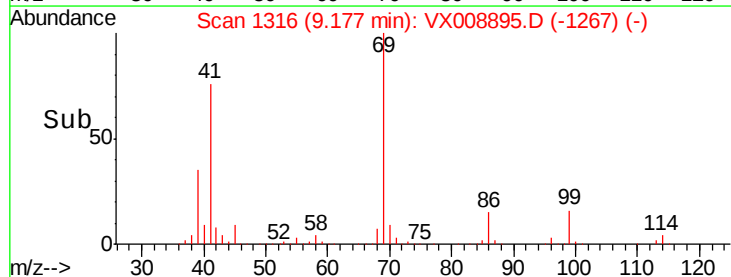
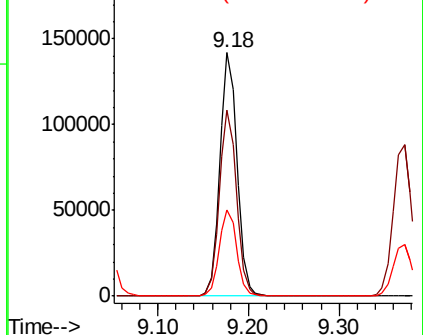


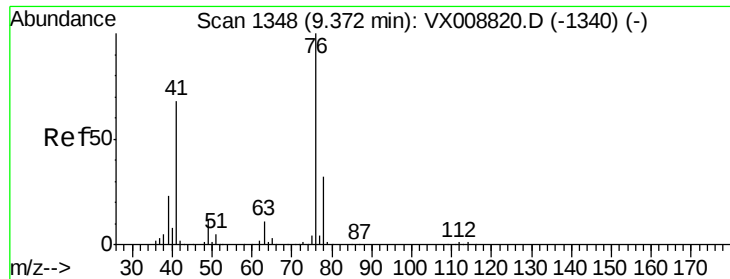
Abundance

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: 50.973 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

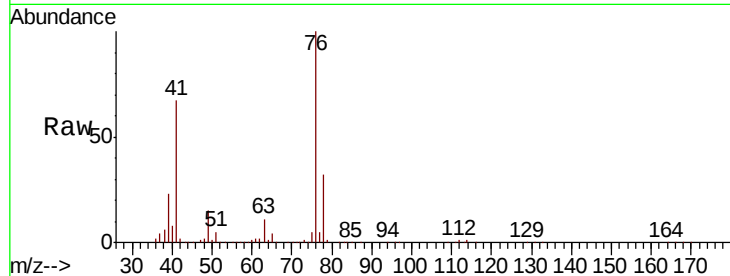
SA-PZ118I-20190409MS

Tot Ion: 76 Resp: 183462

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

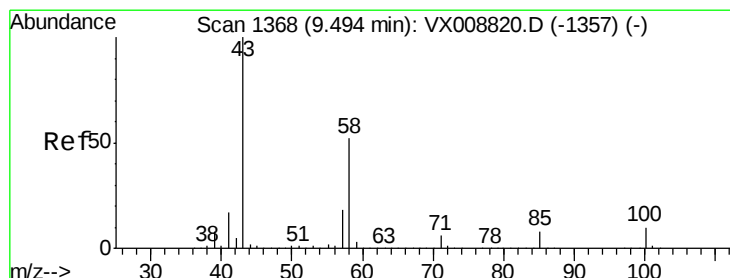
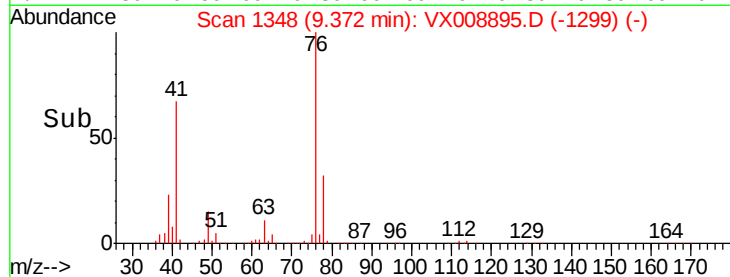
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#59

2-Hexanone

Concen: 266.857 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX008895.D

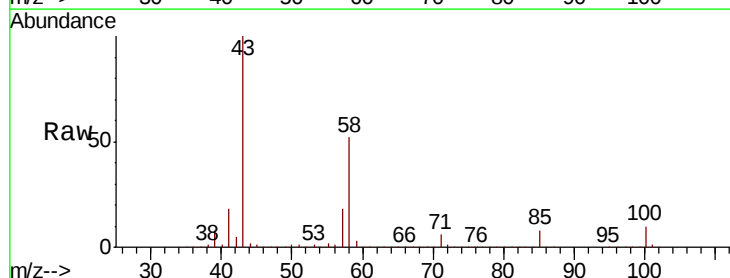
Acq: 12 Apr 2019 18:37

Tgt Ion: 43 Resp: 793636

Ion Ratio Lower Upper

43 100

58 50.9 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

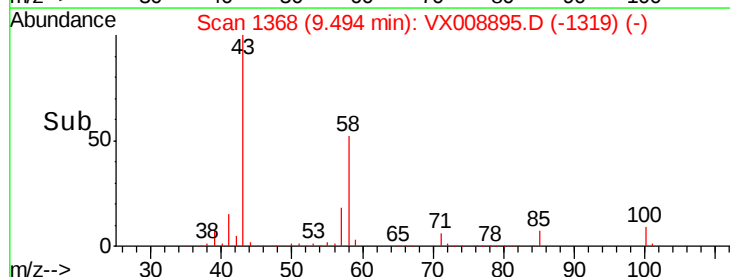
400000

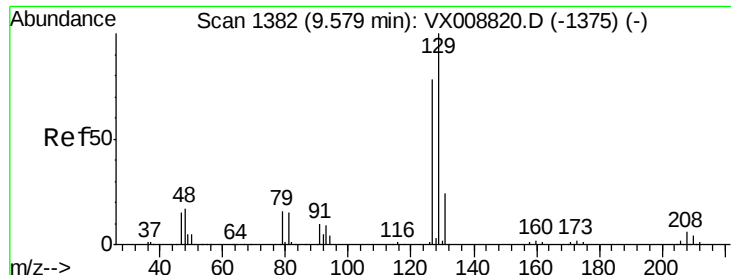
200000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 52.771 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

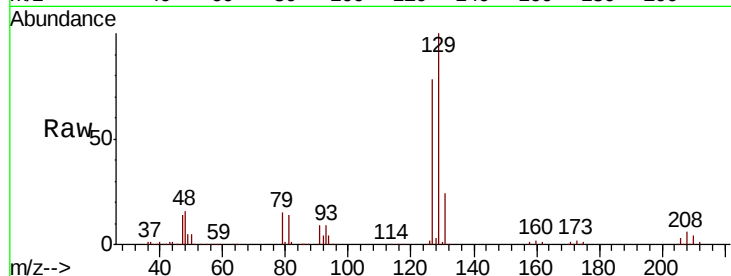
SA-PZ118I-20190409MS

Tot Ion:129 Resp: 99672

Ion Ratio Lower Upper

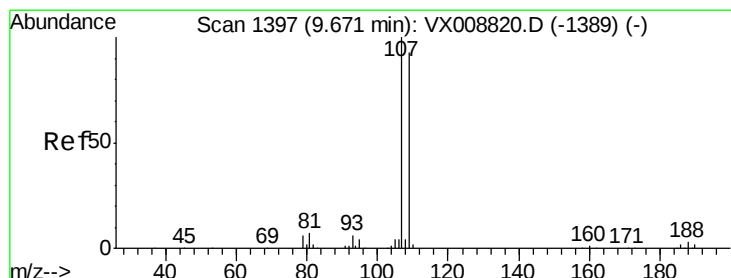
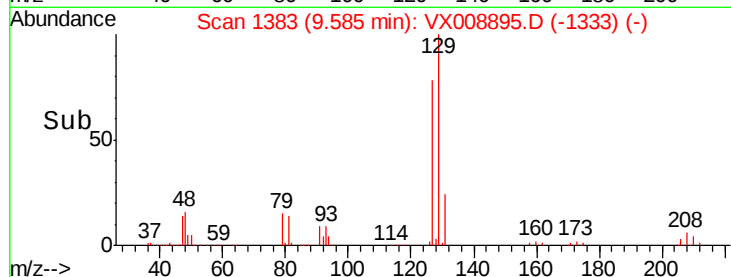
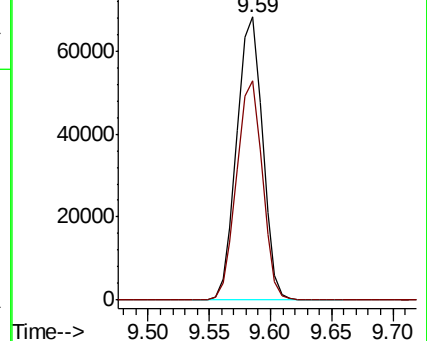
129 100

127 77.3 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.735 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008895.D

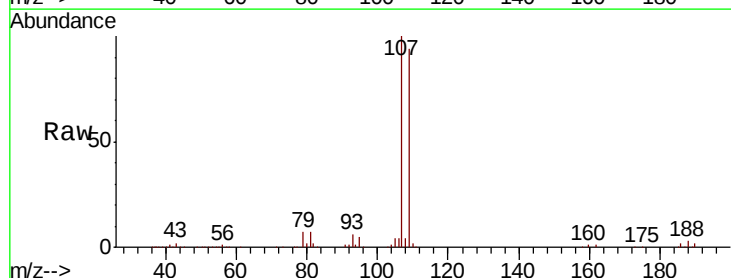
Acq: 12 Apr 2019 18:37

Tgt Ion:107 Resp: 105866

Ion Ratio Lower Upper

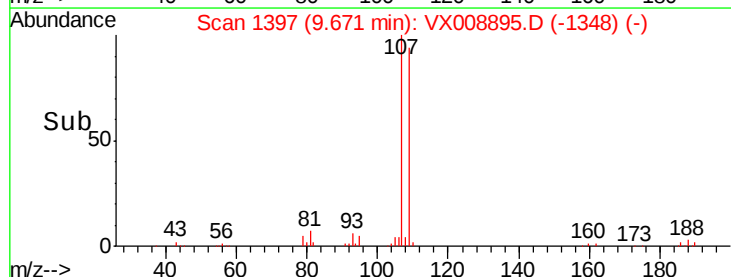
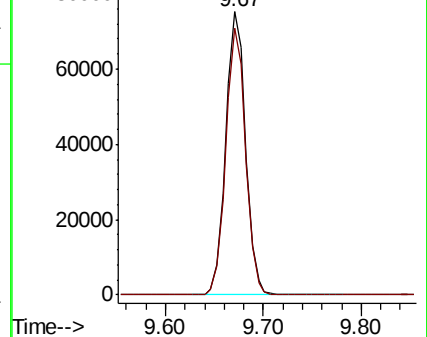
107 100

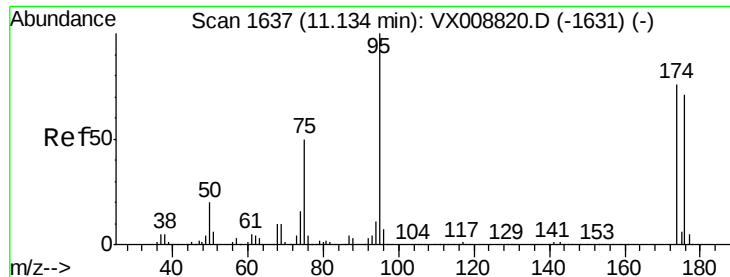
109 94.0 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 47.349 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MS

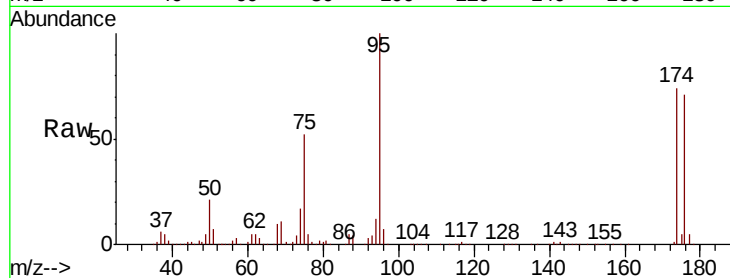
Tot Ion: 95 Resp: 111176

Ion Ratio Lower Upper

95 100

174 78.2 0.0 151.8

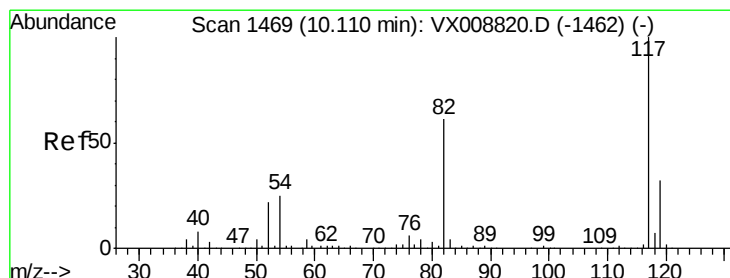
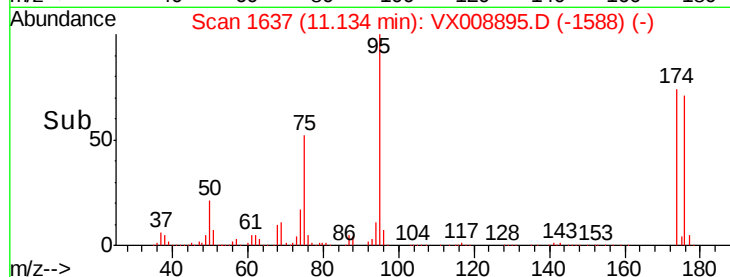
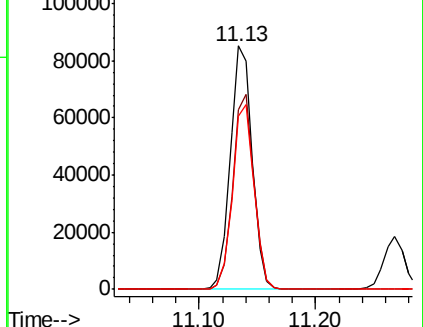
176 75.3 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008895.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008895.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008895.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

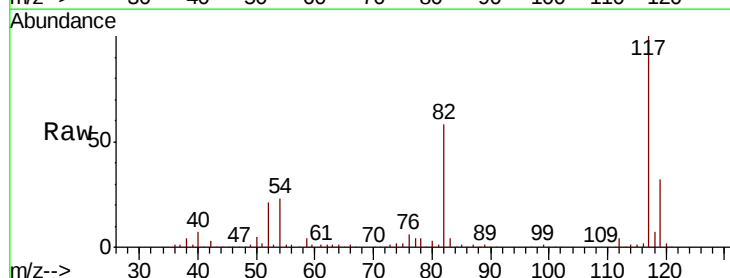
Tgt Ion: 117 Resp: 226411

Ion Ratio Lower Upper

117 100

82 57.8 49.6 74.4

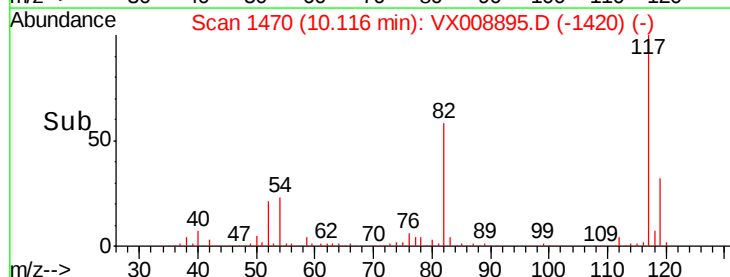
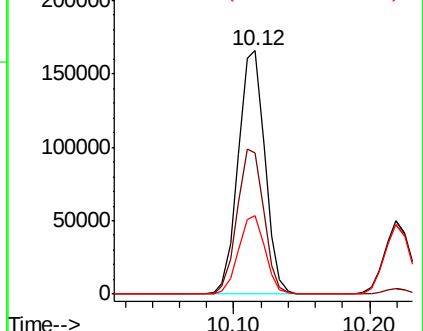
119 32.3 25.0 37.4

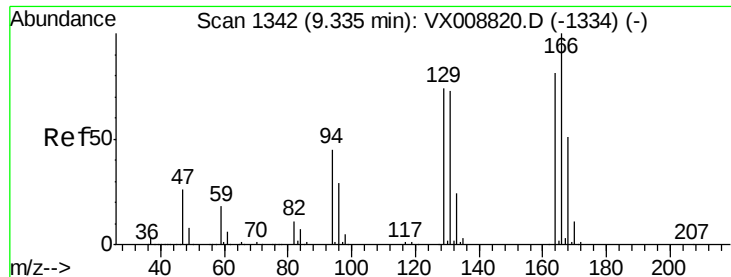


Abundance Ion 116.90 (116.60 to 117.60): VX008895.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008895.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008895.D (-1420) (-)

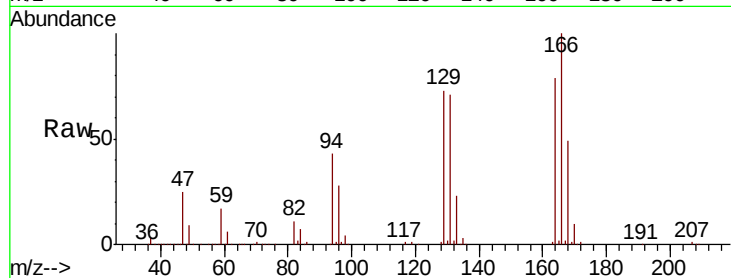




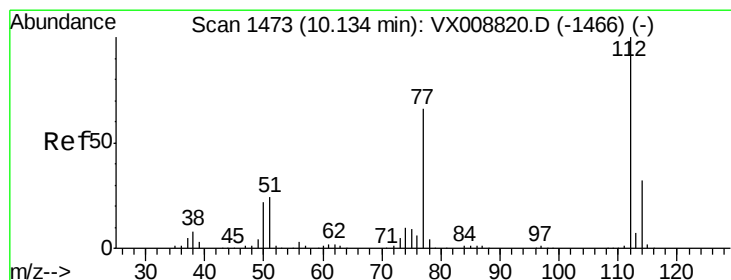
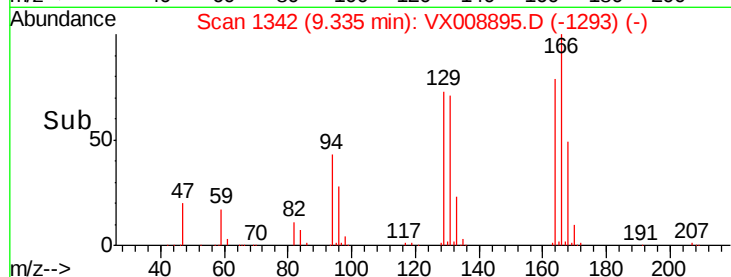
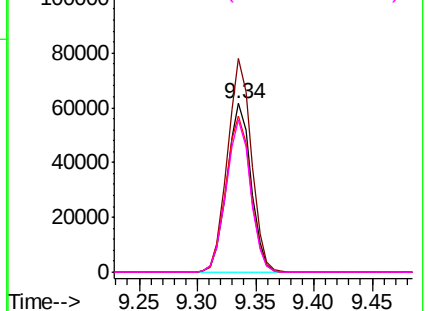
#64
Tetrachloroethene
Concen: 52.884 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MS

Tot Ion:164 Resp: 88712
Ion Ratio Lower Upper
164 100
166 126.5 101.0 151.6
129 92.4 75.8 113.8
131 89.9 71.8 107.8

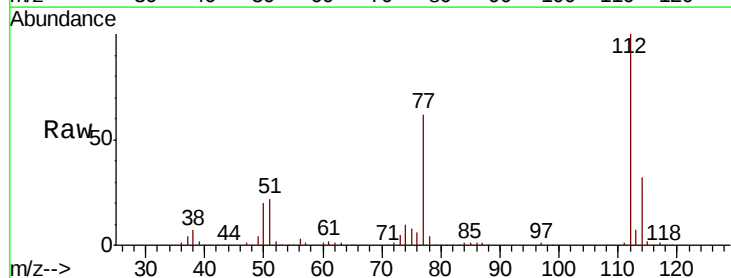


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

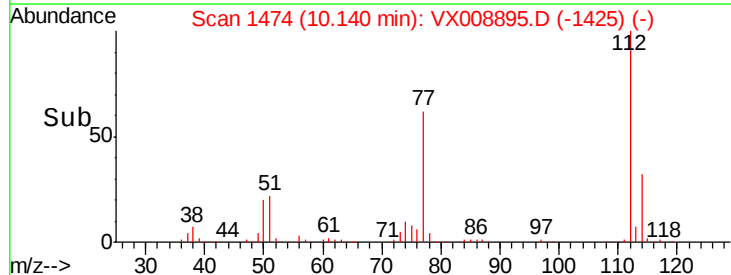
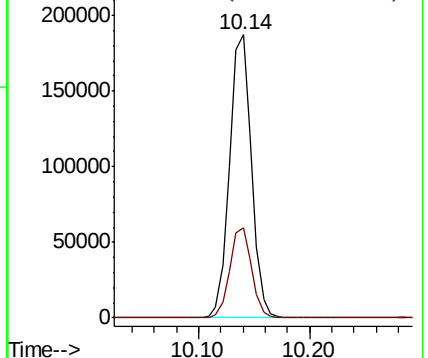


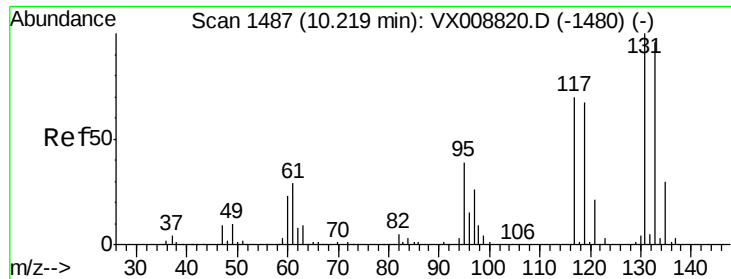
#65
Chlorobenzene
Concen: 50.663 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Tgt Ion:112 Resp: 254269
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

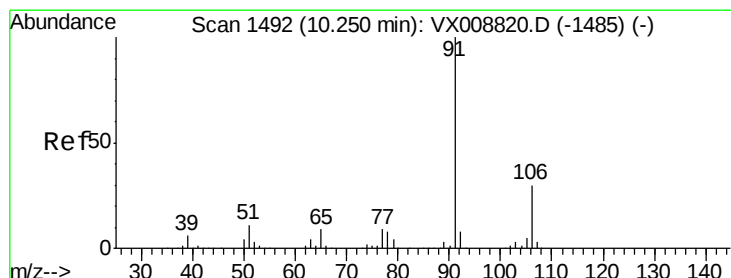
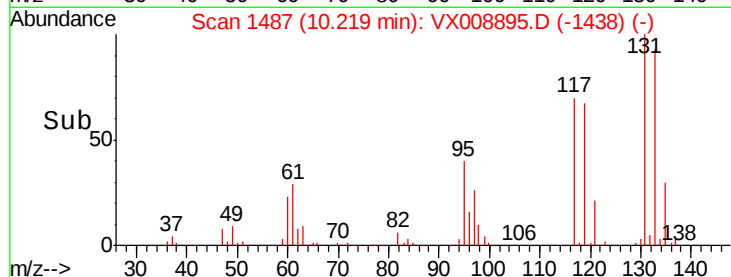
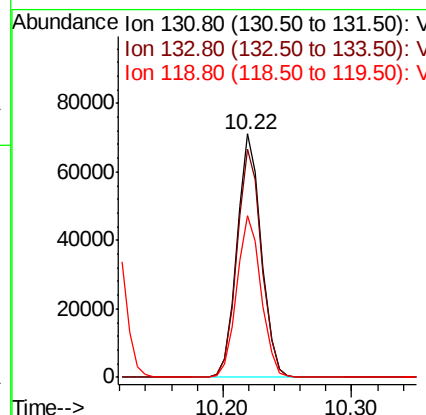
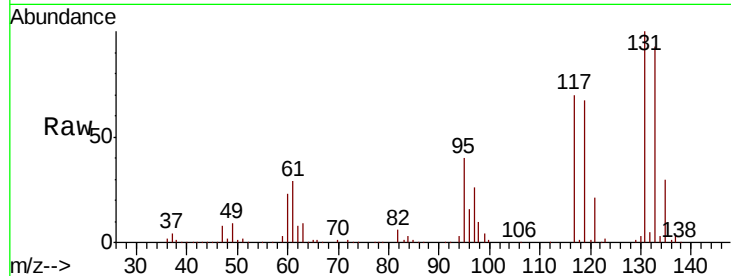




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.020 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

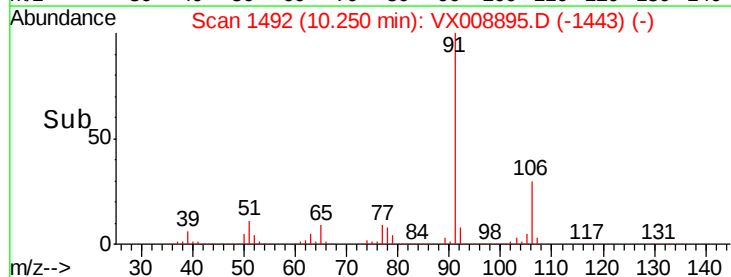
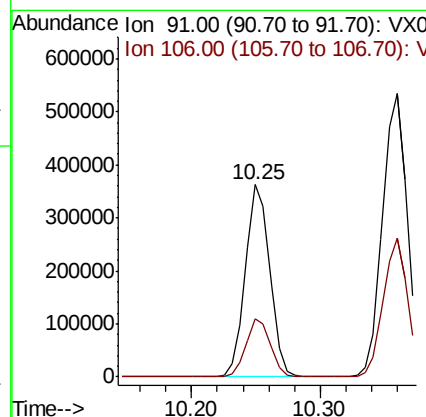
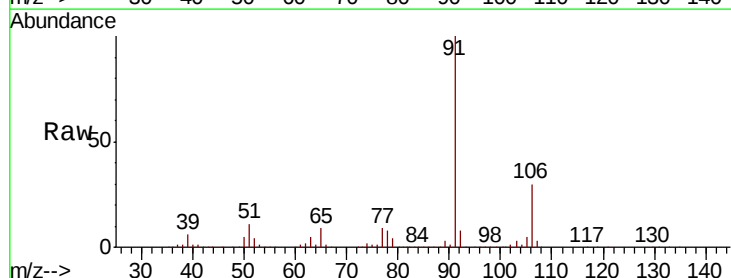
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MS

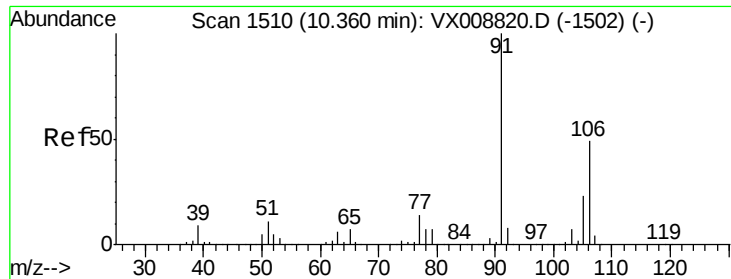
Tot Ion:131 Resp: 93352
 Ion Ratio Lower Upper
 131 100
 133 95.0 47.0 141.2
 119 66.9 33.7 101.0



#67
 Ethyl Benzene
 Concen: 50.785 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

Tgt Ion: 91 Resp: 475270
 Ion Ratio Lower Upper
 91 100
 106 30.5 23.7 35.5

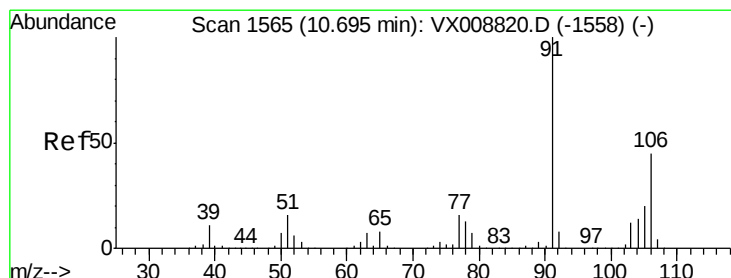
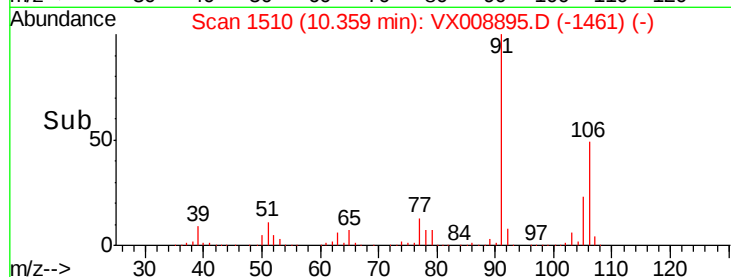
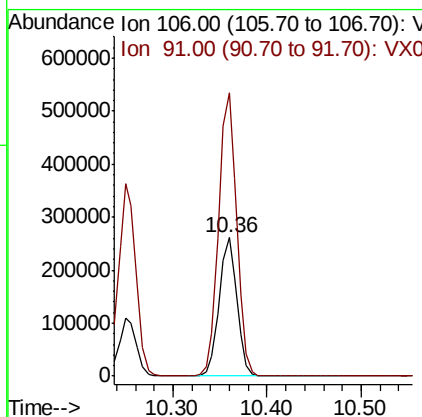
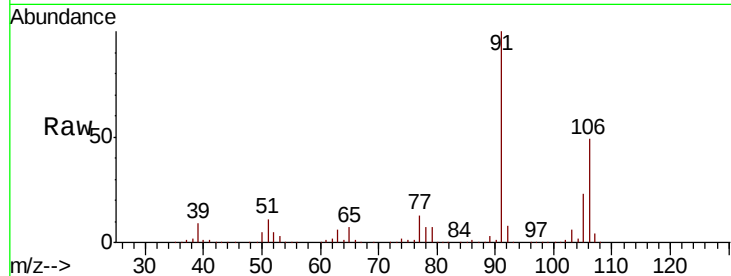




#68
m/p-Xylenes
Concen: 101.668 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

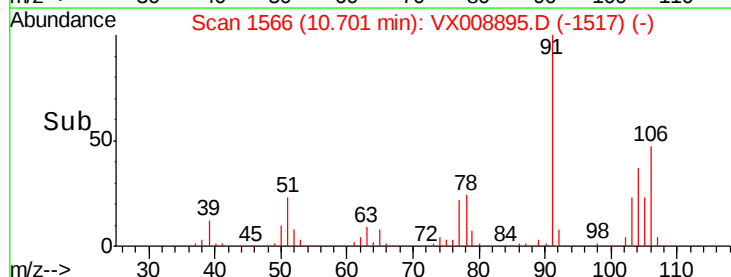
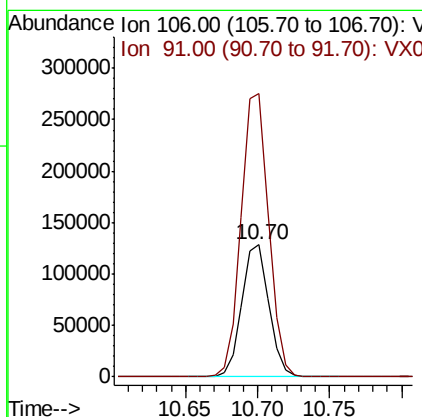
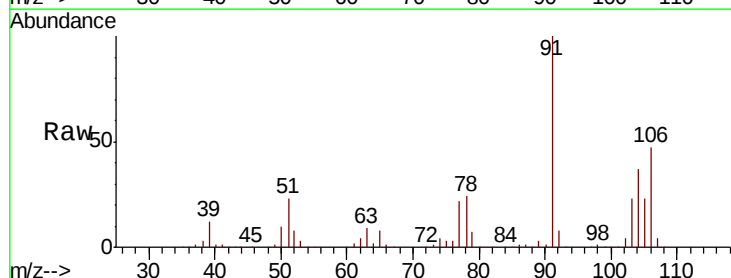
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MS

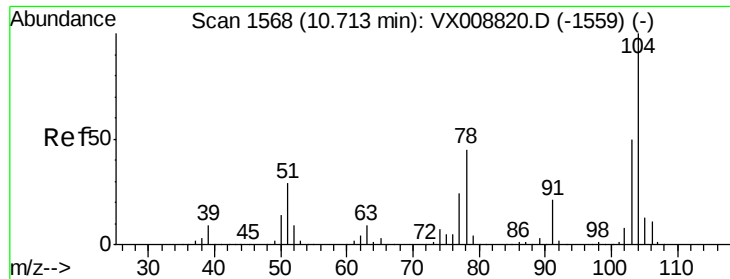
Tot Ion:106 Resp: 342099
Ion Ratio Lower Upper
106 100
91 208.0 168.5 252.7



#69
o-Xylene
Concen: 51.268 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Tgt Ion:106 Resp: 167182
Ion Ratio Lower Upper
106 100
91 218.5 111.5 334.4





#70

Stvrene

Concen: 51.284 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MS

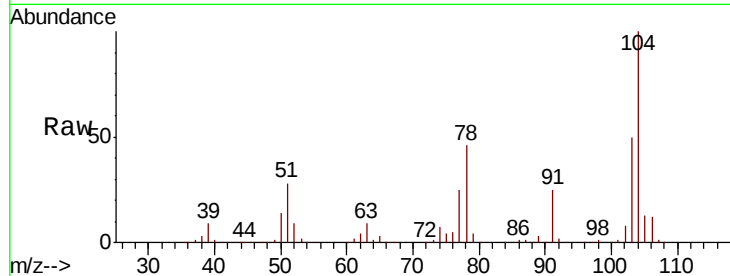
Tot Ion:104 Resp: 288270

Ion Ratio Lower Upper

104 100

78 52.4 42.3 63.5

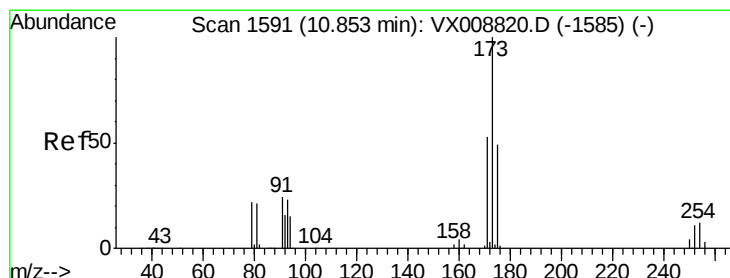
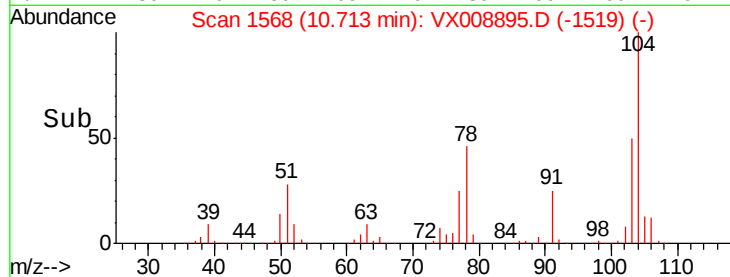
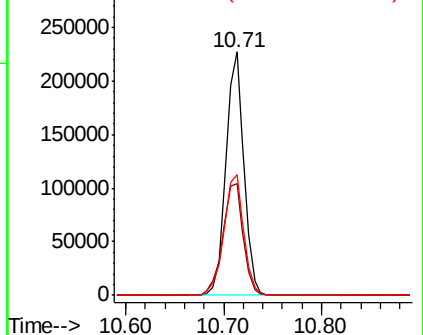
103 54.9 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 53.591 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

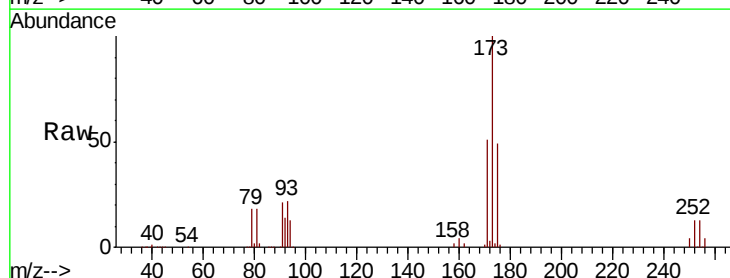
Tgt Ion:173 Resp: 72065

Ion Ratio Lower Upper

173 100

175 49.1 24.9 74.6

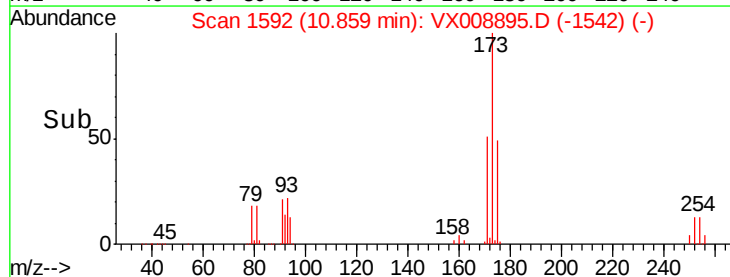
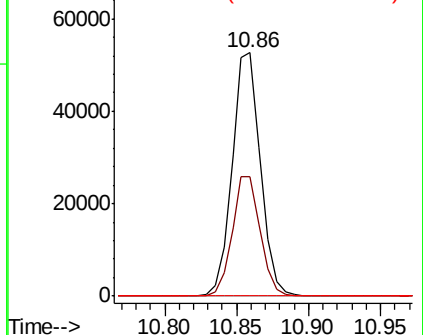
254 0.1 0.1 0.1#

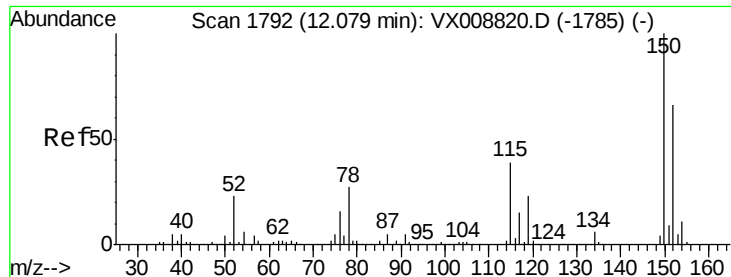


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MS

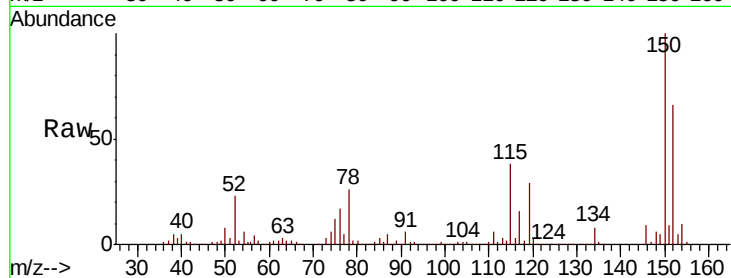
Tot Ion:152 Resp: 104483

Ion Ratio Lower Upper

152 100

115 84.4 43.5 130.5

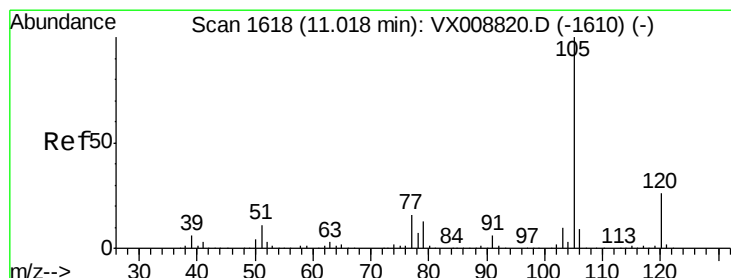
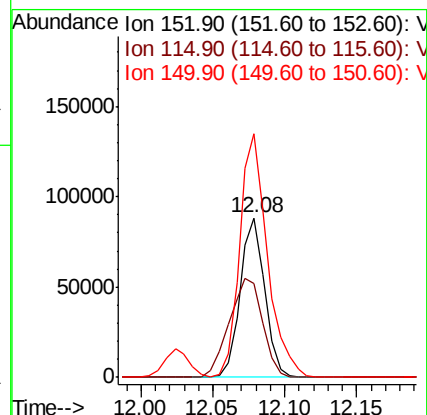
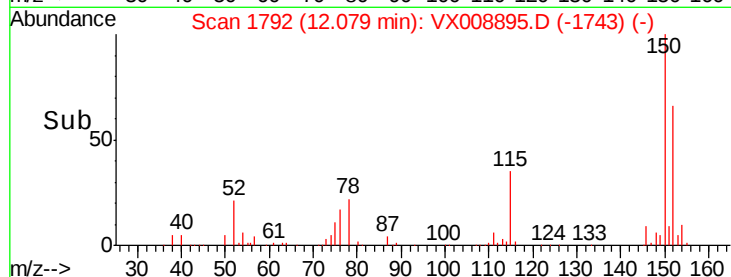
150 173.1 0.0 348.8



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: 50.958 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008895.D

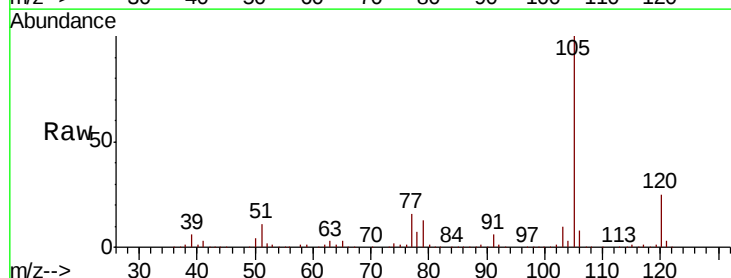
Acq: 12 Apr 2019 18:37

Tgt Ion:105 Resp: 441234

Ion Ratio Lower Upper

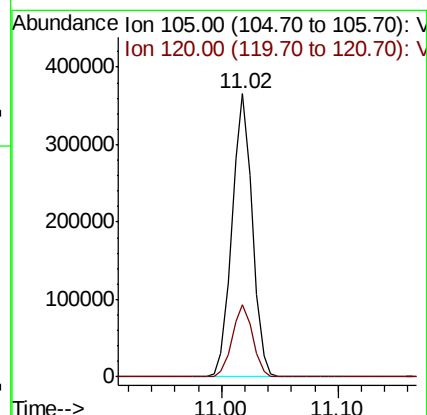
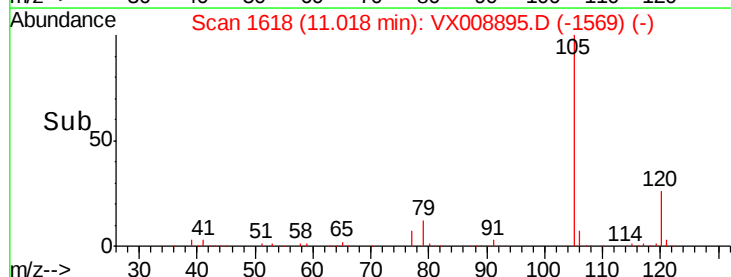
105 100

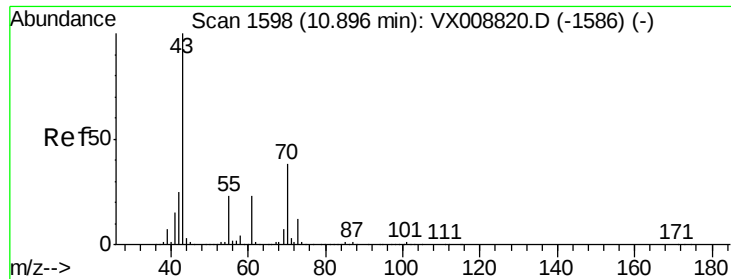
120 25.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.996 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MS

Tot Ion: 43 Resp: 234318

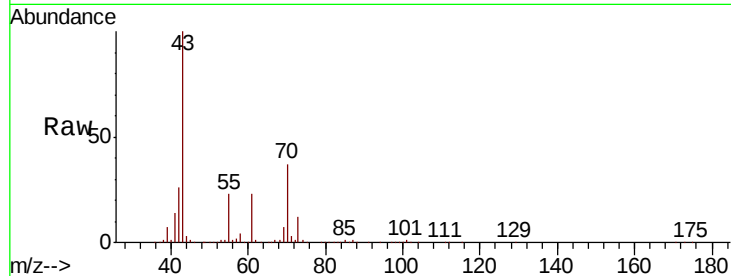
Ion Ratio Lower Upper

43 100

70 36.5 30.2 45.4

55 22.7 18.2 27.4

61 22.8 18.6 28.0



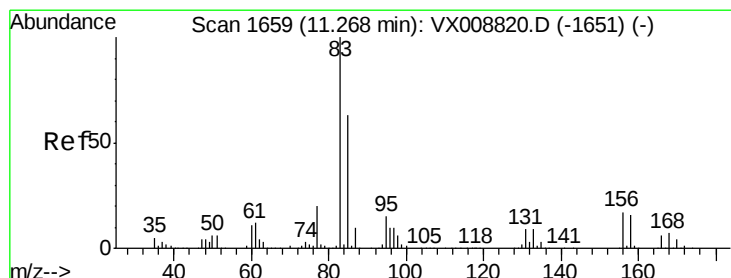
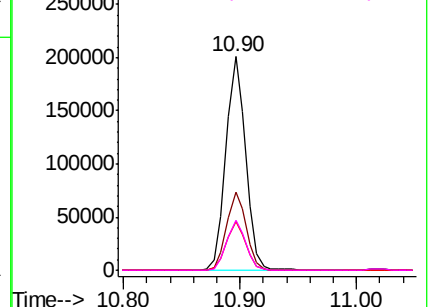
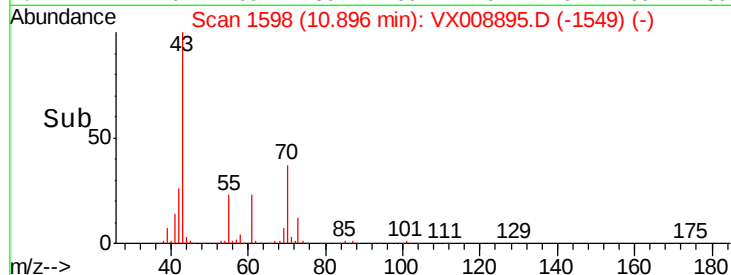
Abundance

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: 48.732 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

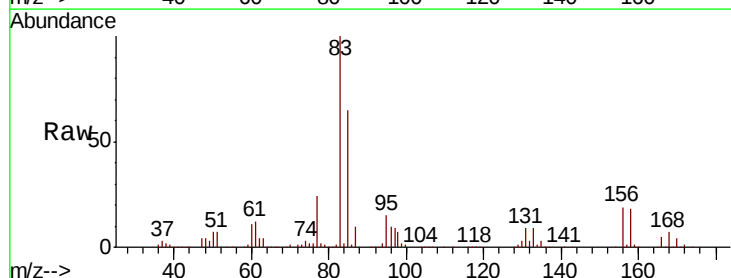
Tgt Ion: 83 Resp: 160479

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

85 64.5 32.0 96.2

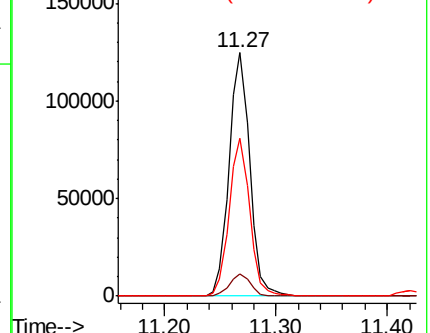
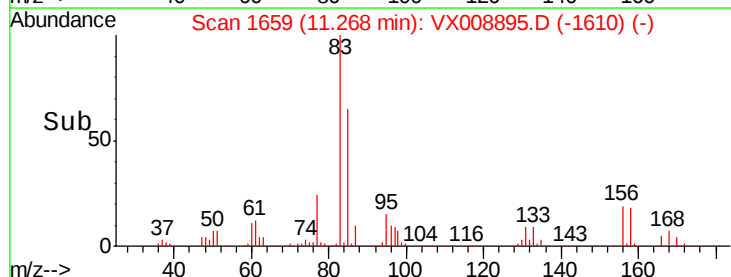


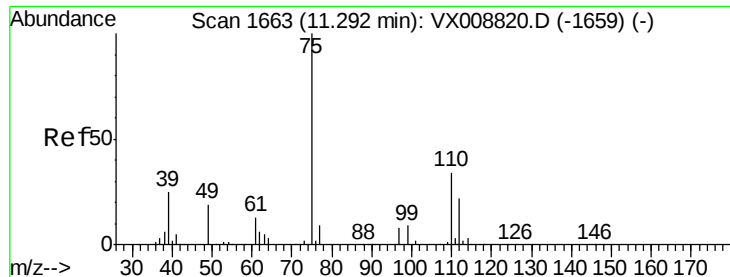
Abundance

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: 67.497 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

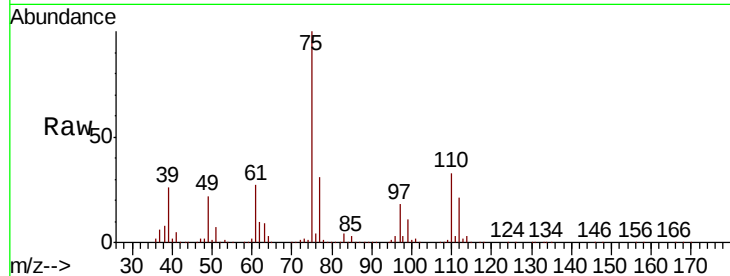
SA-PZ118I-20190409MS

Tot Ion: 75 Resp: 193733

Ion Ratio Lower Upper

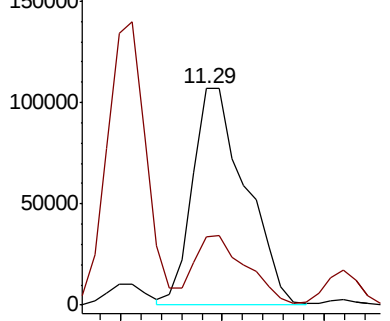
75 100

77 30.5 22.3 66.8

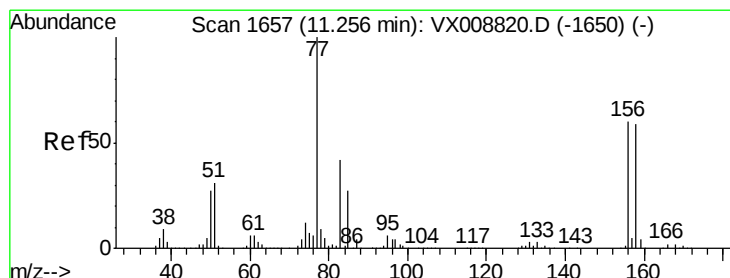
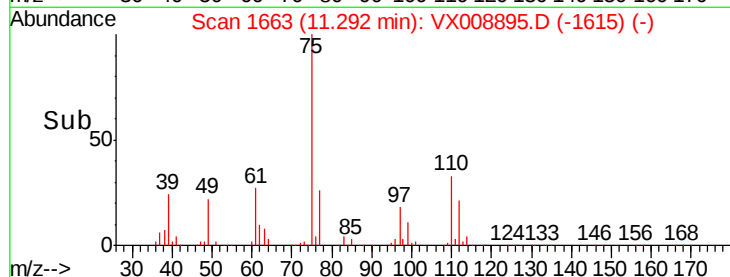


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#77

Bromobenzene

Concen: 50.744 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

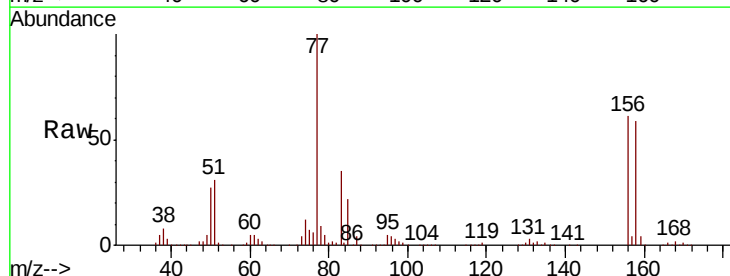
Tgt Ion:156 Resp: 105627

Ion Ratio Lower Upper

156 100

77 176.7 89.8 269.6

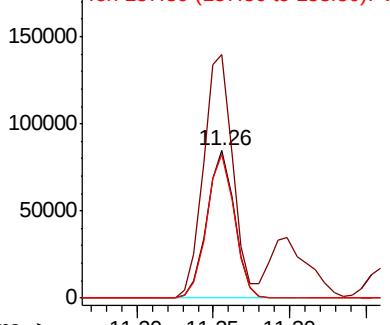
158 97.7 48.6 145.9



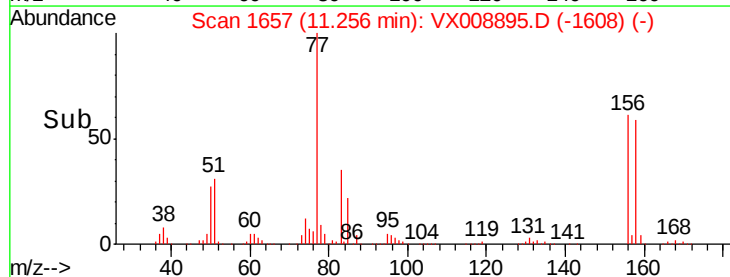
Abundance Ion 155.80 (155.50 to 156.50): V

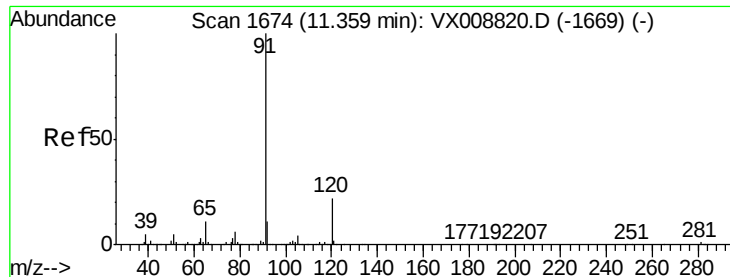
Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



Time-->





#78

n-propylbenzene

Concen: 50.384 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

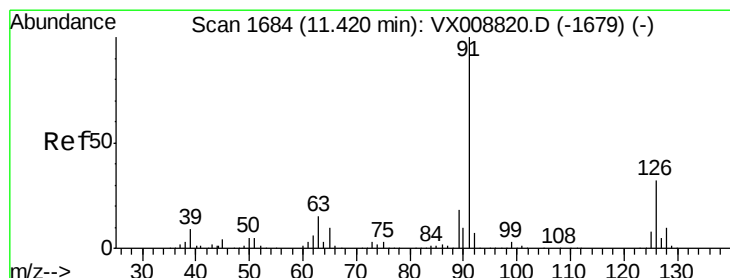
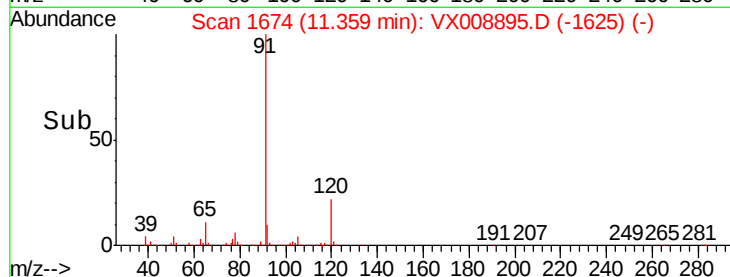
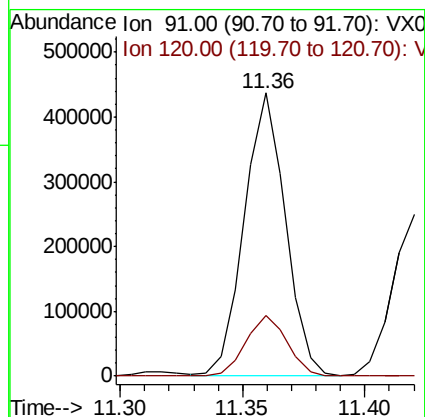
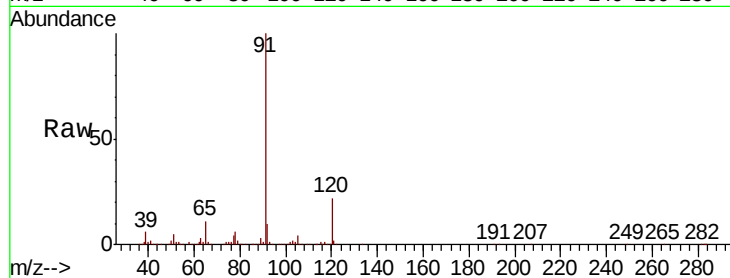
SA-PZ118I-20190409MS

Tot Ion: 91 Resp: 507976

Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.7



#79

2-Chlorotoluene

Concen: 49.126 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008895.D

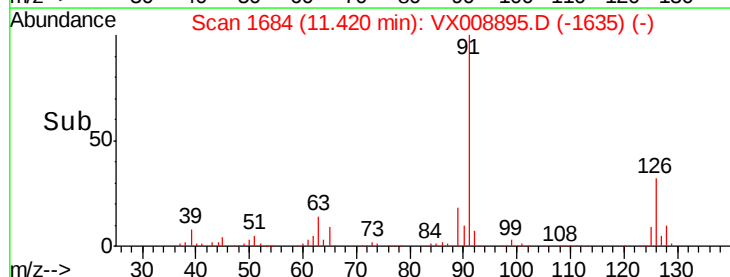
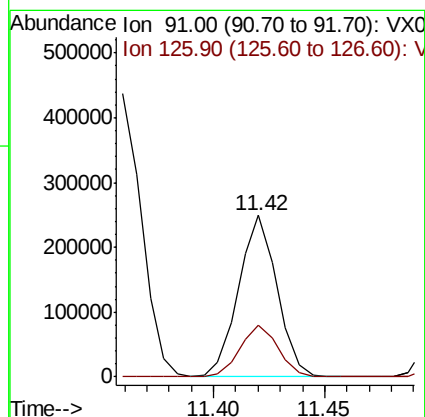
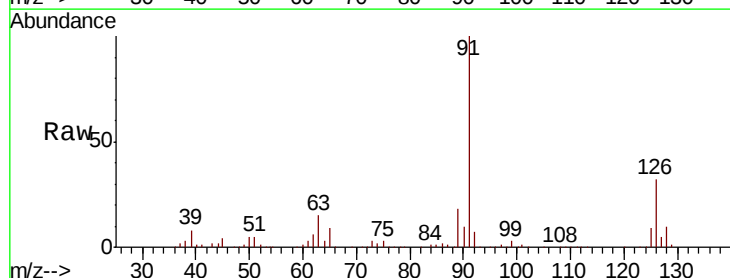
Acq: 12 Apr 2019 18:37

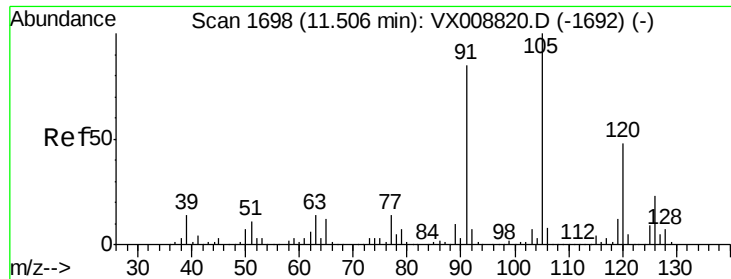
Tgt Ion: 91 Resp: 299727

Ion Ratio Lower Upper

91 100

126 32.2 16.1 48.3

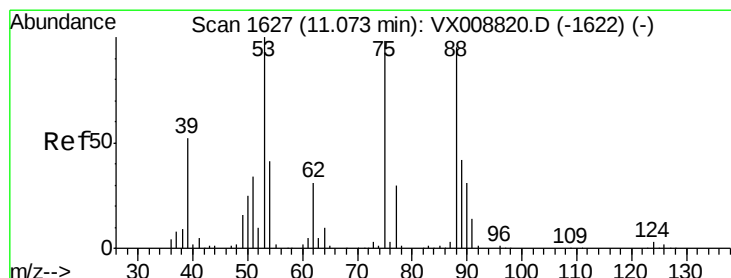
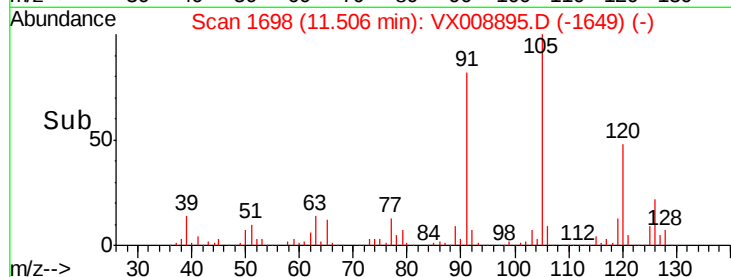
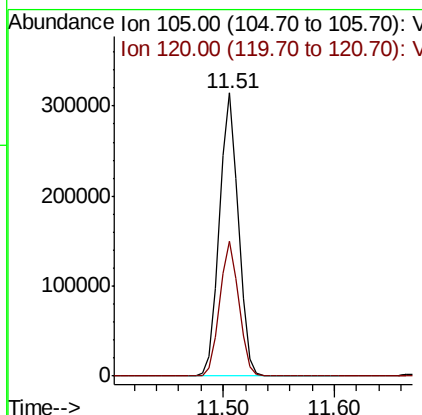
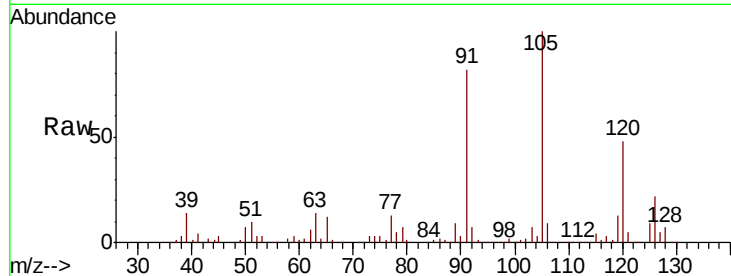




#80
 1,3,5-Trimethylbenzene
 Concen: 50.877 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

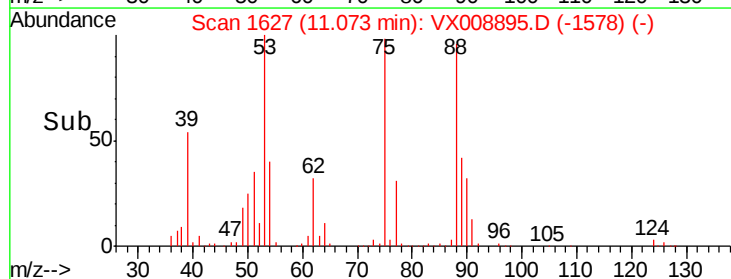
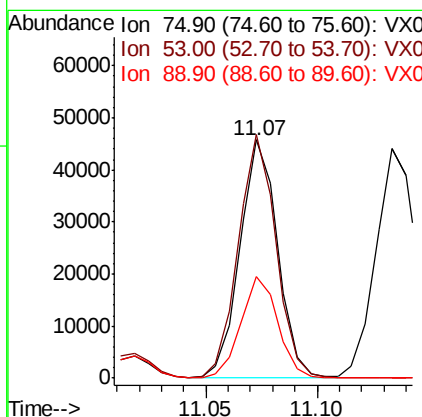
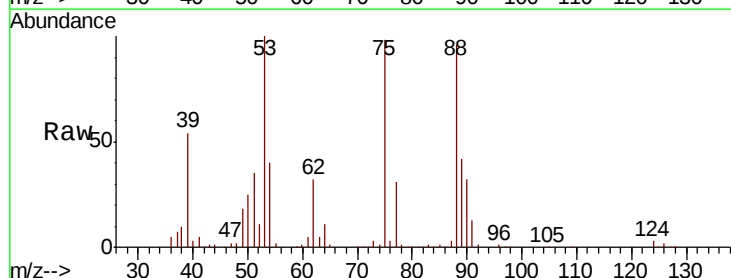
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MS

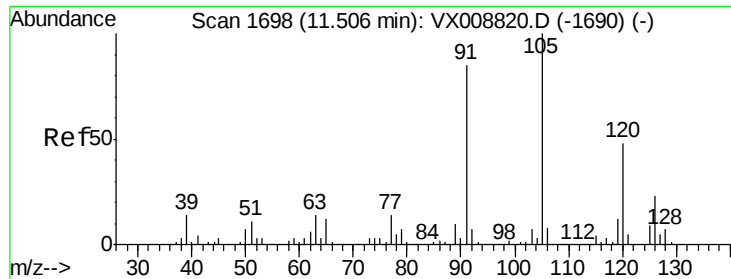
Tot Ion:105 Resp: 369795
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.688 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

Tgt Ion: 75 Resp: 53820
 Ion Ratio Lower Upper
 75 100
 53 102.3 81.3 121.9
 89 42.3 35.6 53.4

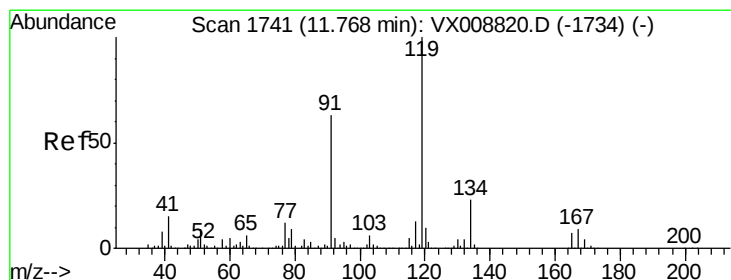
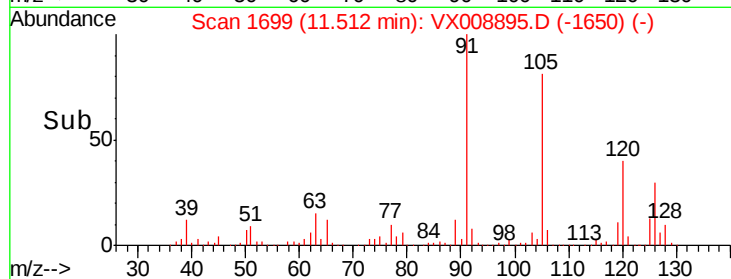
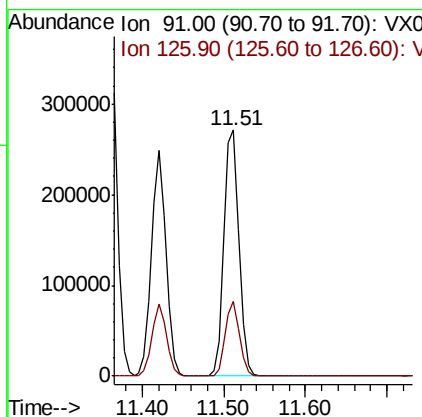
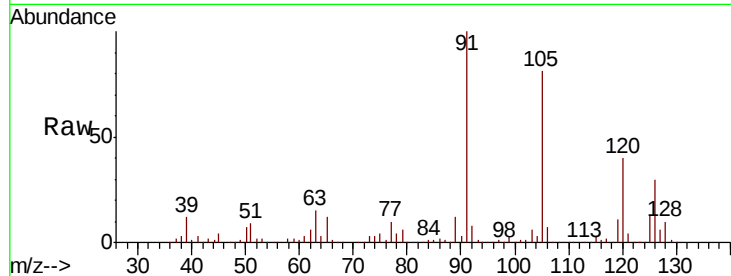




#82
4-Chlorotoluene
Concen: 48.994 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

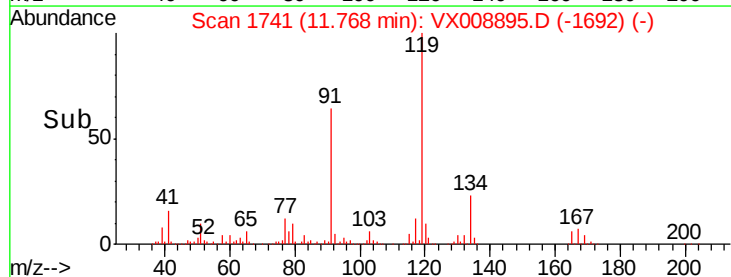
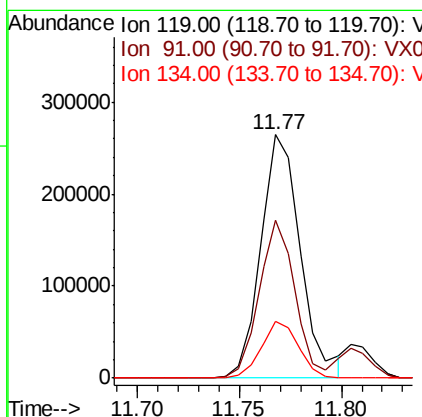
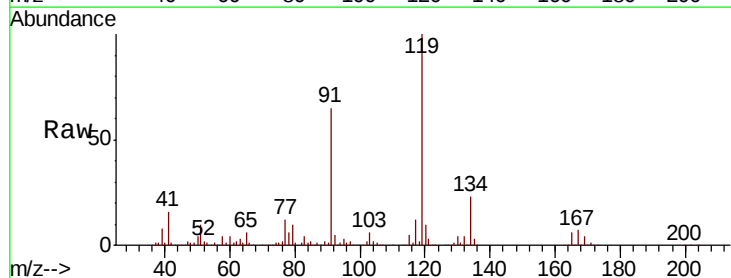
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MS

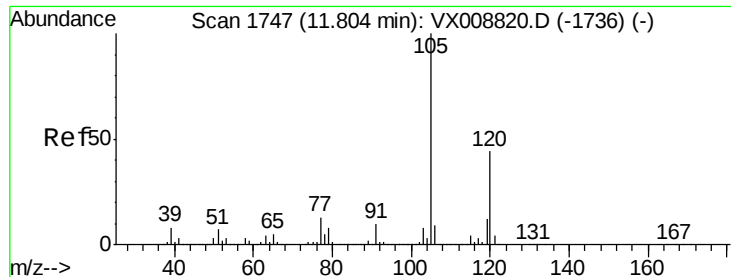
Tot Ion: 91 Resp: 346014
Ion Ratio Lower Upper
91 100
126 28.4 13.9 41.6



#83
tert-Butylbenzene
Concen: 51.121 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Tgt Ion: 119 Resp: 357471
Ion Ratio Lower Upper
119 100
91 58.7 30.0 90.1
134 21.9 11.1 33.3

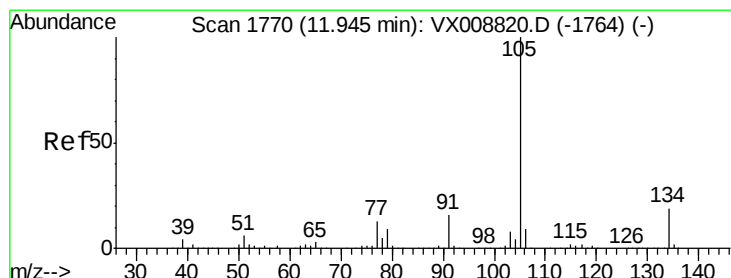
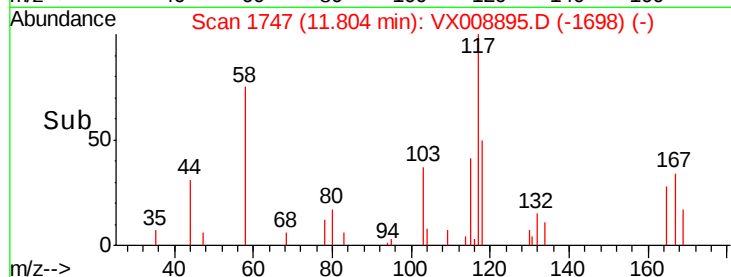
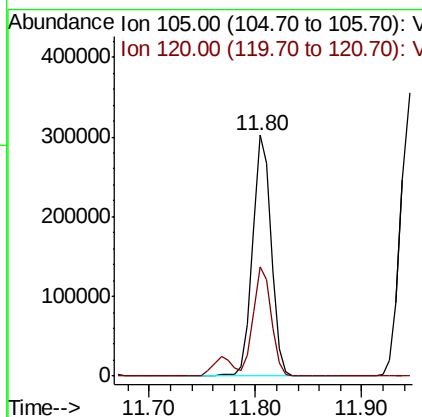
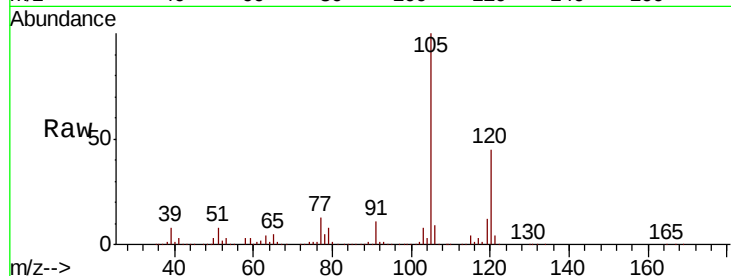




#84
1,2,4-Trimethylbenzene
Concen: 50.415 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

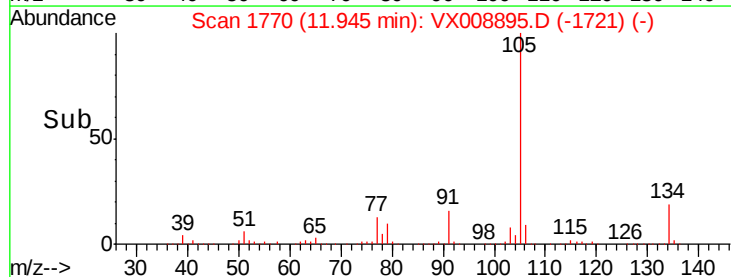
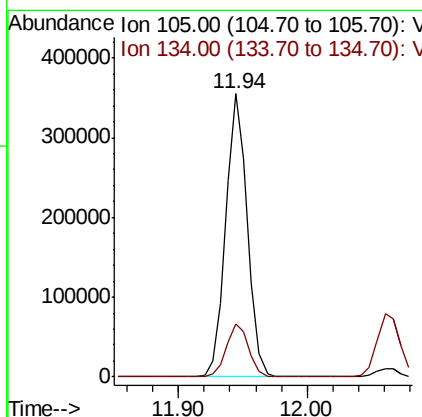
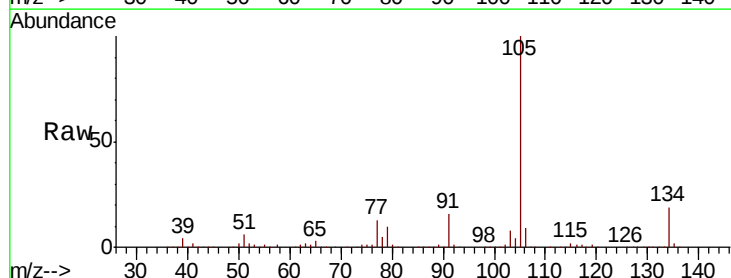
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MS

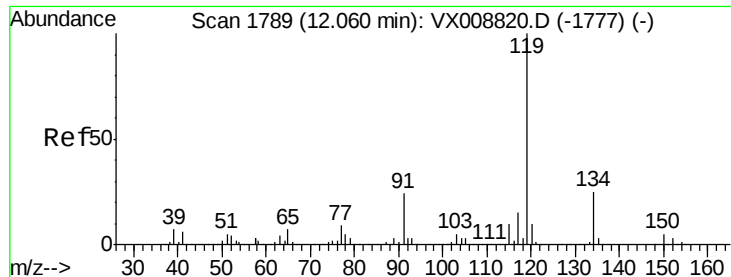
Tot Ion:105 Resp: 371035
Ion Ratio Lower Upper
105 100
120 43.8 21.8 65.3



#85
sec-Butylbenzene
Concen: 50.383 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Tgt Ion:105 Resp: 418481
Ion Ratio Lower Upper
105 100
134 19.2 9.4 28.2

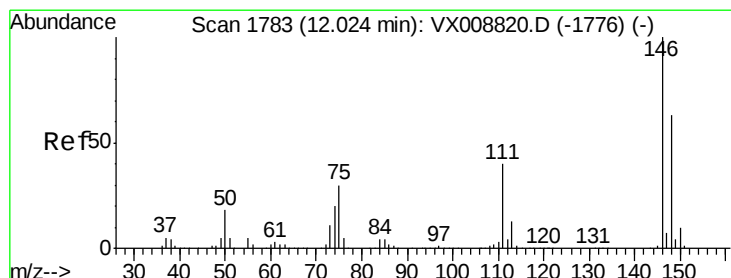
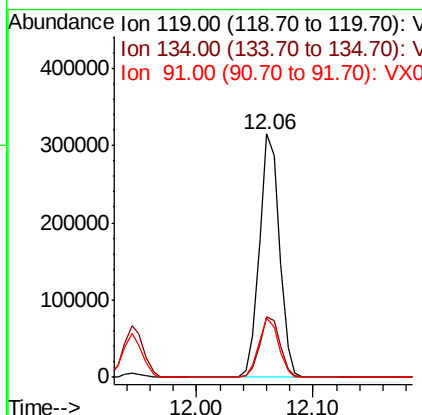
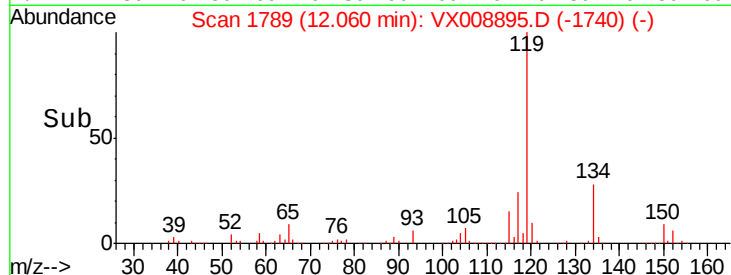
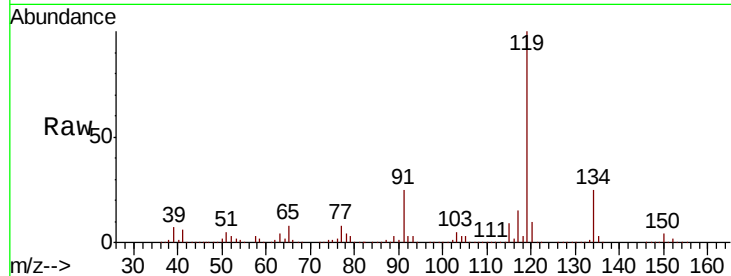




#86
 p-Isopropyltoluene
 Concen: 51.031 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

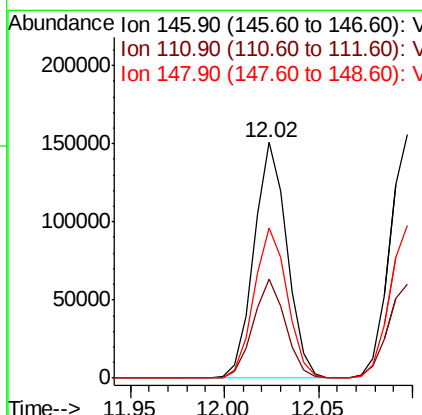
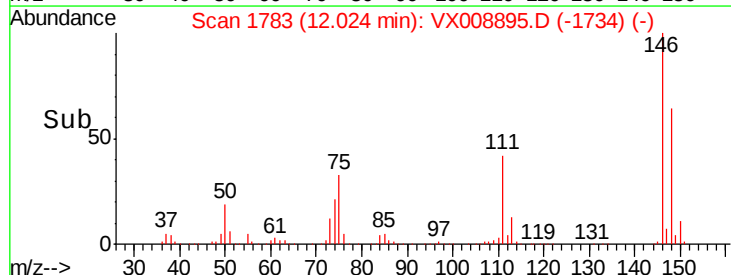
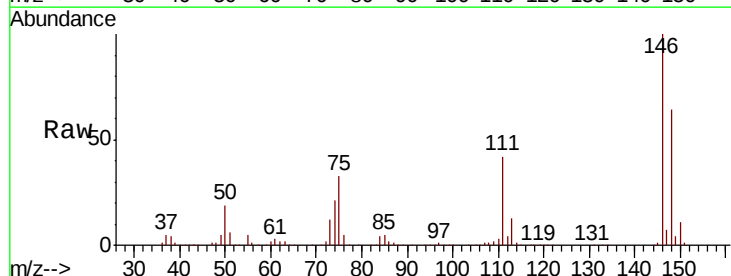
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MS

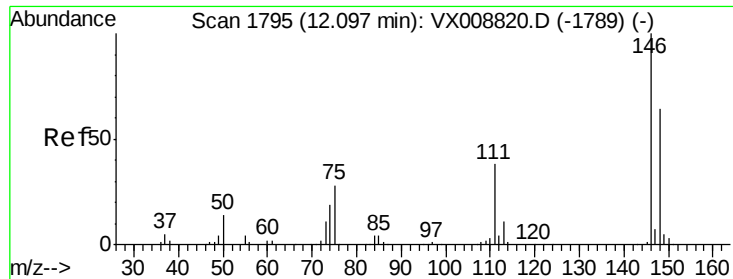
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.8	38.4
91	24.1	12.2	36.6



#87
 1,3-Dichlorobenzene
 Concen: 49.081 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.5
148	64.3	31.6	94.7

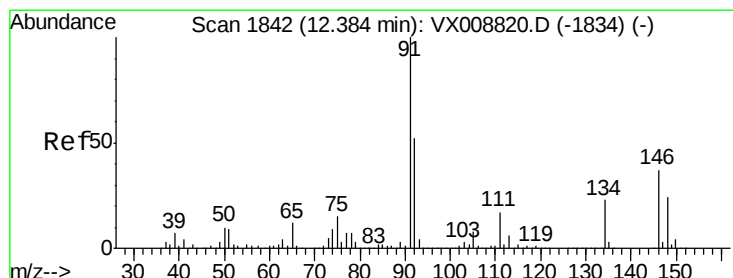
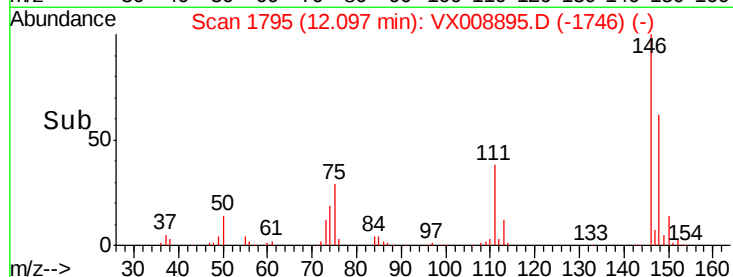
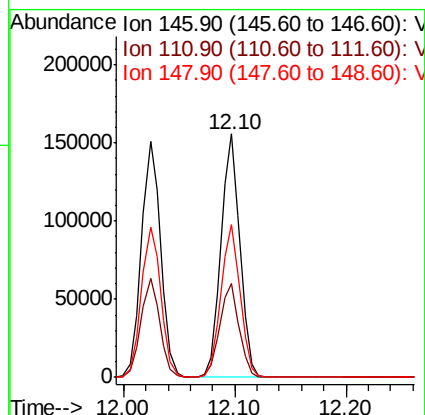
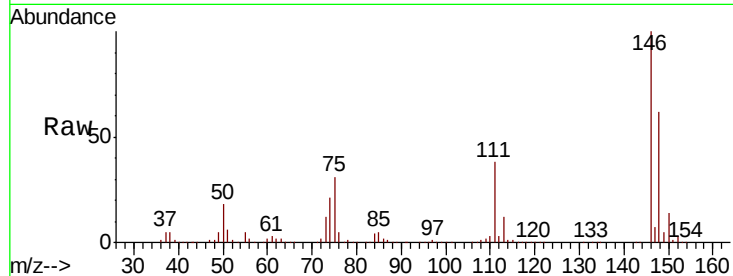




#88
 1,4-Dichlorobenzene
 Concen: 48.579 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

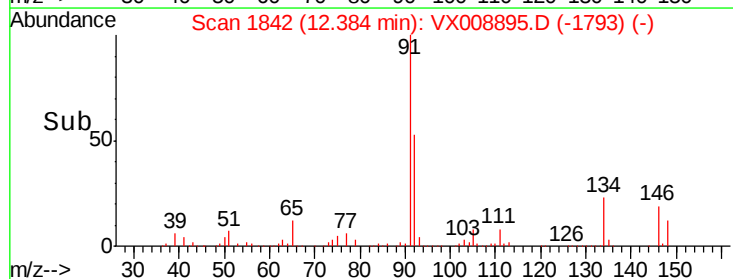
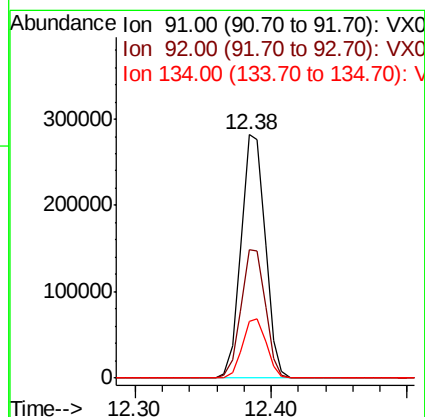
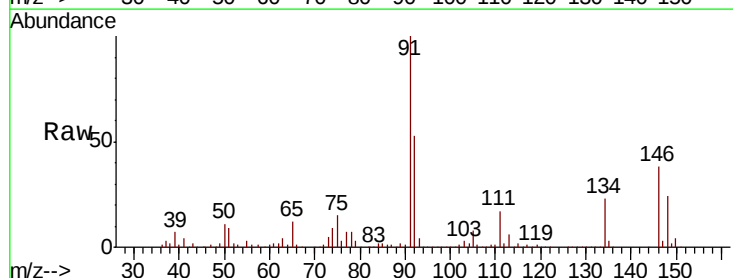
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MS

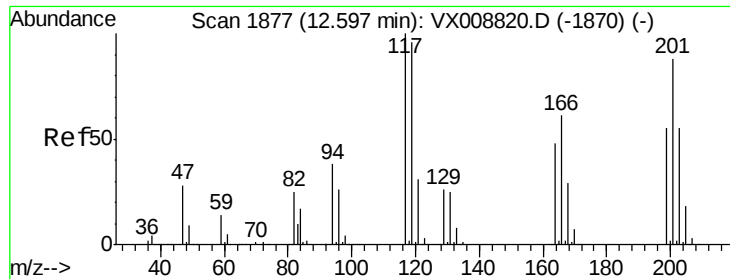
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.2	60.6
148	63.3	32.0	96.0



#89
 n-Butylbenzene
 Concen: 49.955 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.4	79.2
134	24.3	12.0	36.0

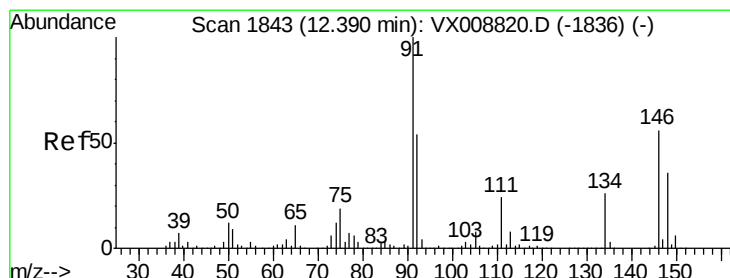
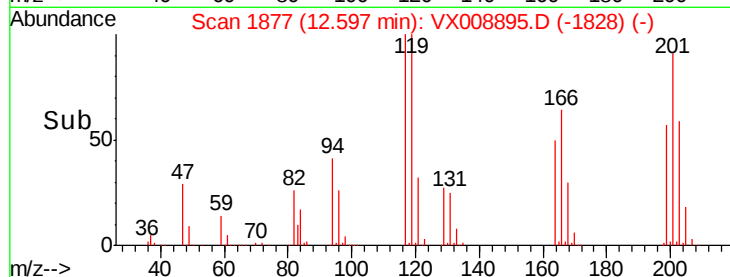
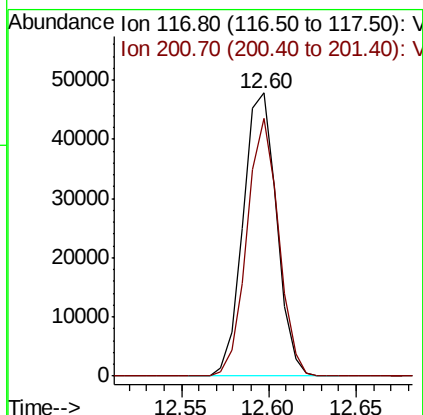
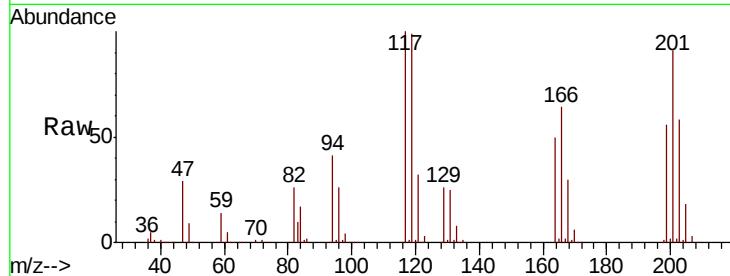




#90
Hexachloroethane
Concen: 51.546 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

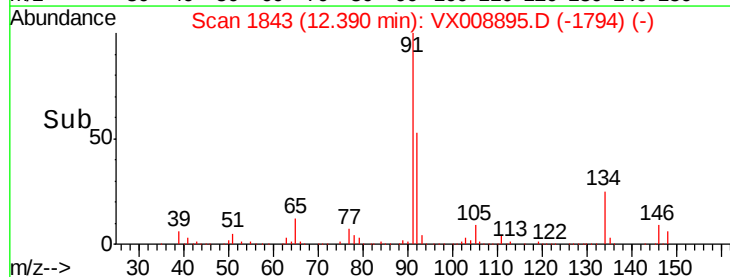
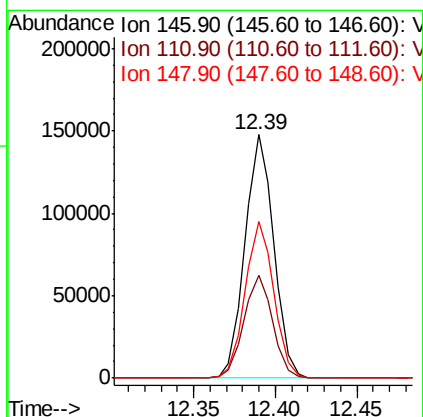
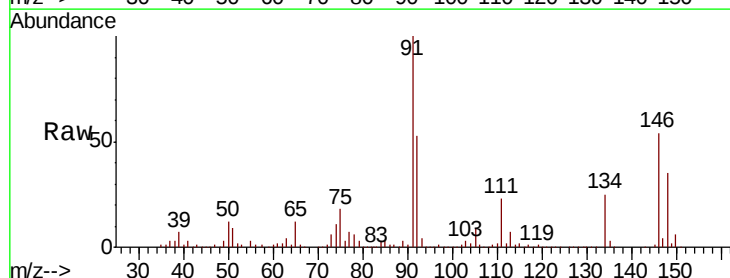
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MS

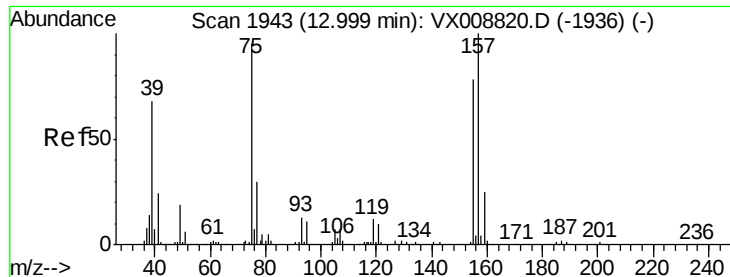
Tot Ion:117 Resp: 63737
Ion Ratio Lower Upper
117 100
201 86.1 40.6 122.0



#91
1,2-Dichlorobenzene
Concen: 49.384 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008895.D
Acq: 12 Apr 2019 18:37

Tgt Ion:146 Resp: 182719
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.9
148 63.9 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.080 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MS

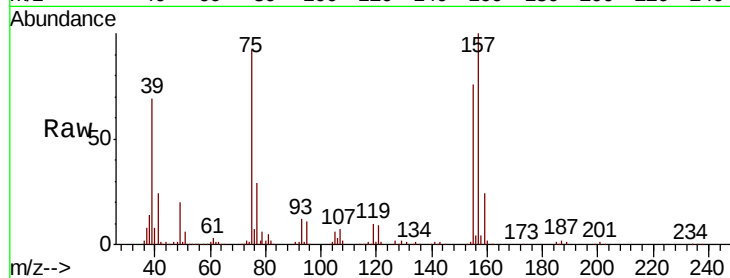
Tot Ion: 75 Resp: 37003

Ion Ratio Lower Upper

75 100

155 82.0 39.9 119.6

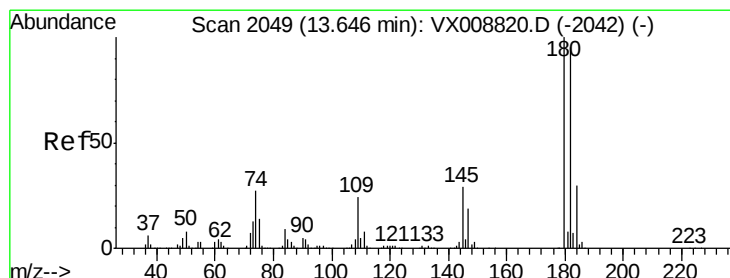
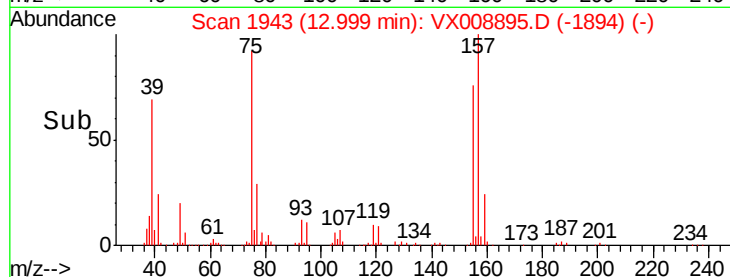
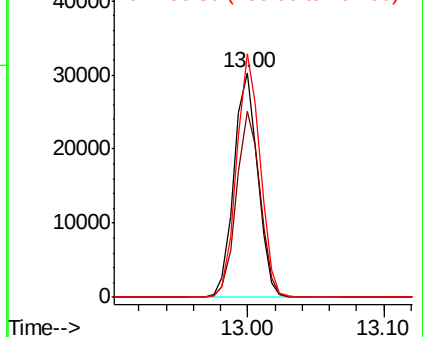
157 106.8 51.5 154.7



Abundance Ion 74.90 (74.60 to 75.60): VX008820.D (-1936) (-)

Ion 154.80 (154.50 to 155.50): VX008820.D (-1936) (-)

Ion 156.80 (156.50 to 157.50): VX008820.D (-1936) (-)



#93

1,2,4-Trichlorobenzene

Concen: 49.320 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

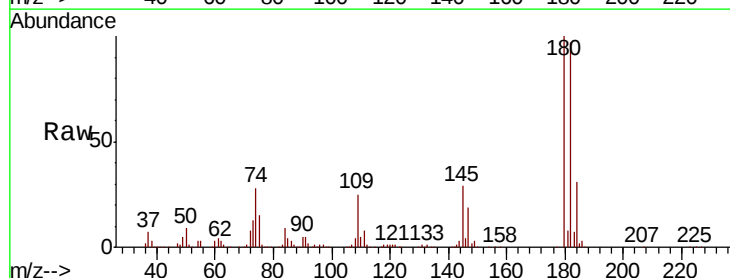
Tgt Ion: 180 Resp: 126878

Ion Ratio Lower Upper

180 100

182 95.3 47.2 141.6

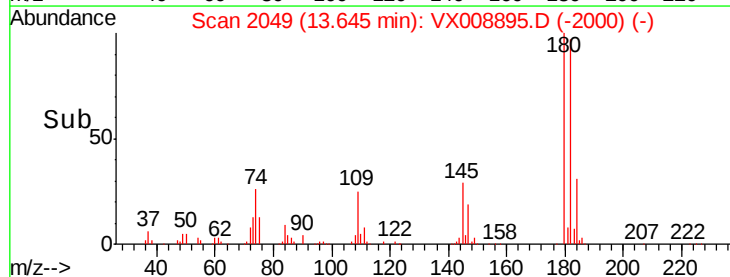
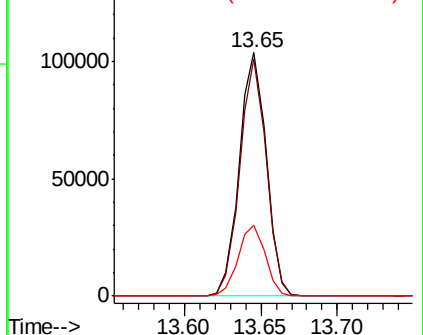
145 29.3 15.3 45.9

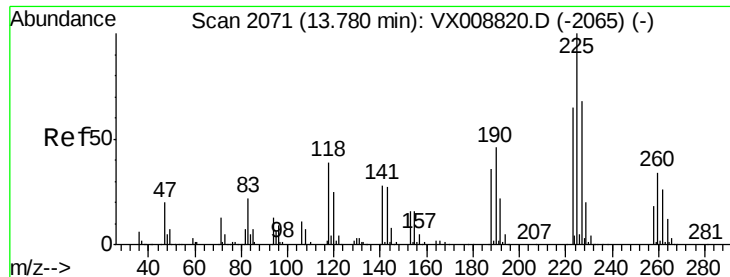


Abundance Ion 179.80 (179.50 to 180.50): VX008820.D (-2042) (-)

Ion 181.80 (181.50 to 182.50): VX008820.D (-2042) (-)

Ion 144.80 (144.50 to 145.50): VX008820.D (-2042) (-)





#94

Hexachlorobutadiene

Concen: 52.043 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MS

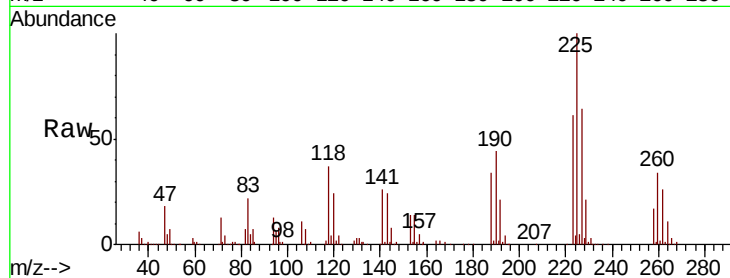
Tot Ion:225 Resp: 64209

Ion Ratio Lower Upper

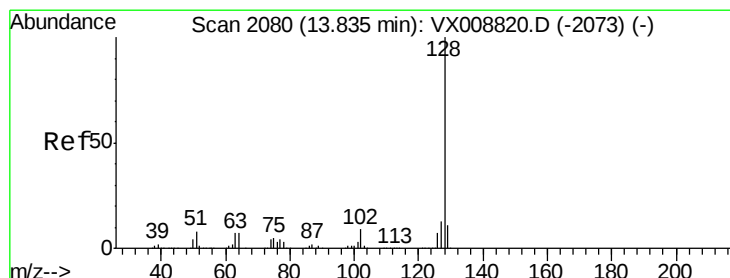
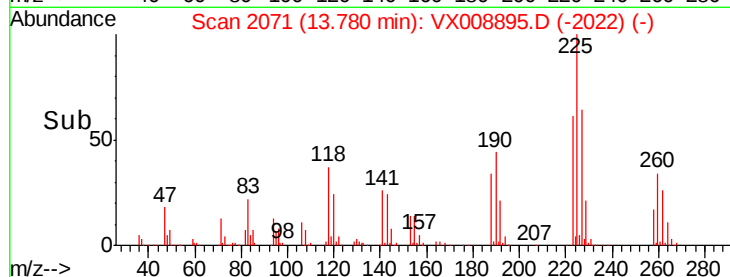
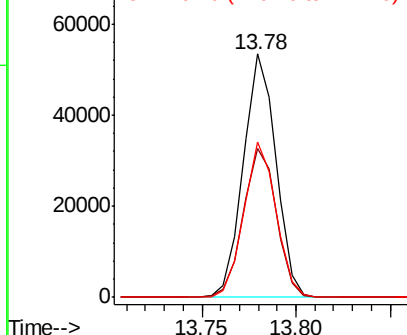
225 100

223 62.2 31.2 93.6

227 62.8 31.9 95.5



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



#95

Naphthalene

Concen: 50.726 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008895.D

Acq: 12 Apr 2019 18:37

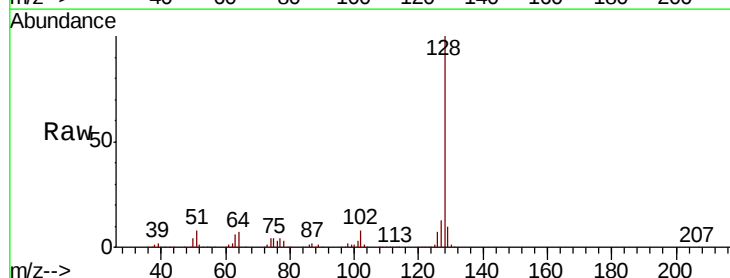
Tgt Ion:128 Resp: 436145

Ion Ratio Lower Upper

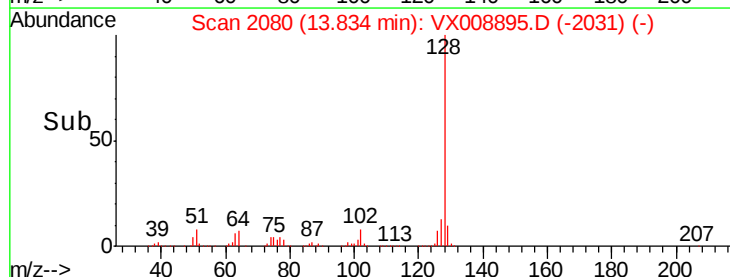
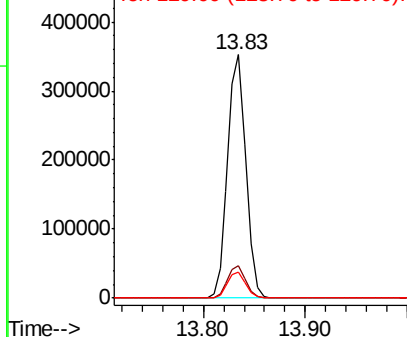
128 100

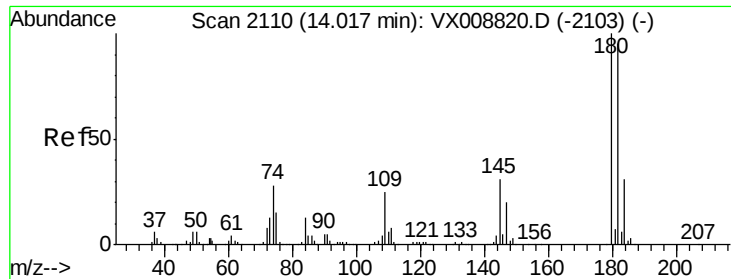
127 13.1 10.4 15.6

129 10.8 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: 49.996 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008895.D
 Acq: 12 Apr 2019 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.1	144.3
145	31.1	16.3	48.8

