

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041219\
 Data File : VX008896.D
 Acq On : 12 Apr 2019 19:01
 Operator : JC/SP
 Sample : K2366-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MSD

Quant Time: Apr 13 05:00:57 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	157360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	231166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105269	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	106509	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	
35) Dibromofluoromethane	5.49	113	79365	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
50) Toluene-d8	8.71	98	312482	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
62) 4-Bromofluorobenzene	11.13	95	111658	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	103632	57.213	ug/l	100
3) Chloromethane	1.32	50	123049	55.620	ug/l	100
4) Vinyl Chloride	1.41	62	118106	48.234	ug/l	98
5) Bromomethane	1.64	94	69050	56.972	ug/l	98
6) Chloroethane	1.71	64	67874	50.805	ug/l	100
7) Trichlorofluoromethane	1.92	101	133704	49.397	ug/l	100
8) Diethyl Ether	2.19	74	60547	47.170	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83529	47.931	ug/l	98
10) Methyl Iodide	2.51	142	93712	58.320	ug/l	99
11) Tert butyl alcohol	3.06	59	157464	293.048	ug/l	99
12) 1,1-Dichloroethene	2.37	96	87977	48.360	ug/l	97
13) Acrolein	2.29	56	74365	279.109	ug/l	98
14) Allyl chloride	2.73	41	205389	49.317	ug/l	98
15) Acrylonitrile	3.15	53	364558	256.102	ug/l	100
16) Acetone	2.45	43	319659	241.807	ug/l	98
17) Carbon Disulfide	2.56	76	261216	49.719	ug/l	100
18) Methyl Acetate	2.78	43	141945	44.273	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	329149	50.663	ug/l	99
20) Methylene Chloride	2.85	84	104181	47.081	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	93262	47.394	ug/l	93
22) Diisopropyl ether	3.86	45	394972	49.206	ug/l	96
23) Vinyl Acetate	3.82	43	1595826	228.532	ug/l	99
24) 1,1-Dichloroethane	3.70	63	195429	49.174	ug/l	99
25) 2-Butanone	4.68	43	551079	263.750	ug/l	100
26) 2,2-Dichloropropane	4.59	77	117163	41.857	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	107683	47.597	ug/l	98
28) Bromochloromethane	5.02	49	86254	52.082	ug/l	100
29) Tetrahydrofuran	5.13	42	366069	263.970	ug/l	99
30) Chloroform	5.21	83	174695	49.215	ug/l	99
31) Cyclohexane	5.58	56	189970	47.905	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	143545	50.042	ug/l	99
36) 1,1-Dichloropropene	5.80	75	135672	47.602	ug/l	99
37) Ethyl Acetate	4.84	43	182437	47.956	ug/l	99
38) Carbon Tetrachloride	5.79	117	119629	50.713	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	168213	47.777	ug/l	98
40) Benzene	6.14	78	420386	49.511	ug/l	100
41) Methacrylonitrile	5.04	41	113730	52.009	ug/l	99
42) 1,2-Dichloroethane	6.20	62	148677	48.843	ug/l	99
43) Isopropyl Acetate	6.45	43	294559	49.427	ug/l	99
44) Trichloroethene	7.21	130	97946	49.529	ug/l	97
45) 1,2-Dichloropropane	7.51	63	118517	48.904	ug/l	98
46) Dibromomethane	7.66	93	67963	48.352	ug/l	98
47) Bromodichloromethane	7.90	83	134021	50.570	ug/l	99
48) Methyl methacrylate	7.77	41	159127	52.786	ug/l	99
49) 1,4-Dioxane	7.74	88	60934	1079.019	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1030014	268.491	ug/l	100
52) Toluene	8.79	92	250466	50.035	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	153616	51.745	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	170428	50.242	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	100346	49.940	ug/l	99
56) Ethyl methacrylate	9.18	69	188531	51.857	ug/l	99
57) 1,3-Dichloropropane	9.37	76	180006	49.889	ug/l	100
59) 2-Hexanone	9.49	43	784744	263.215	ug/l	100
60) Dibromochloromethane	9.59	129	98406	51.972	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104136	49.783	ug/l	99
64) Tetrachloroethene	9.34	164	85941	50.179	ug/l	99
65) Chlorobenzene	10.14	112	251360	49.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92001	51.178	ug/l	99
67) Ethyl Benzene	10.25	91	472399	49.440	ug/l	99
68) m/p-Xylenes	10.36	106	339643	98.862	ug/l	99
69) o-Xylene	10.70	106	165446	49.692	ug/l	98
70) Styrene	10.71	104	288221	50.220	ug/l	99
71) Bromoform	10.86	173	73337	53.415	ug/l #	97
73) Isopropylbenzene	11.02	105	439348	50.361	ug/l	100
74) N-amyl acetate	10.90	43	232608	45.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	161062	48.544	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	192838	66.684	ug/l	81
77) Bromobenzene	11.26	156	106314	50.692	ug/l	97
78) n-propylbenzene	11.36	91	507878	49.998	ug/l	100
79) 2-Chlorotoluene	11.42	91	299609	48.740	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	367828	50.229	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53375	50.878	ug/l	98
82) 4-Chlorotoluene	11.51	91	345601	48.570	ug/l	98
83) tert-Butylbenzene	11.77	119	356294	50.572	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	370033	49.903	ug/l	99
85) sec-Butylbenzene	11.94	105	419719	50.154	ug/l	99
86) p-Isopropyltoluene	12.06	119	380111	50.606	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	184512	49.144	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	182831	48.089	ug/l	99
89) n-Butylbenzene	12.38	91	347537	49.338	ug/l	99
90) Hexachloroethane	12.60	117	63988	51.363	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	181979	48.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37150	50.900	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	128228	49.472	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

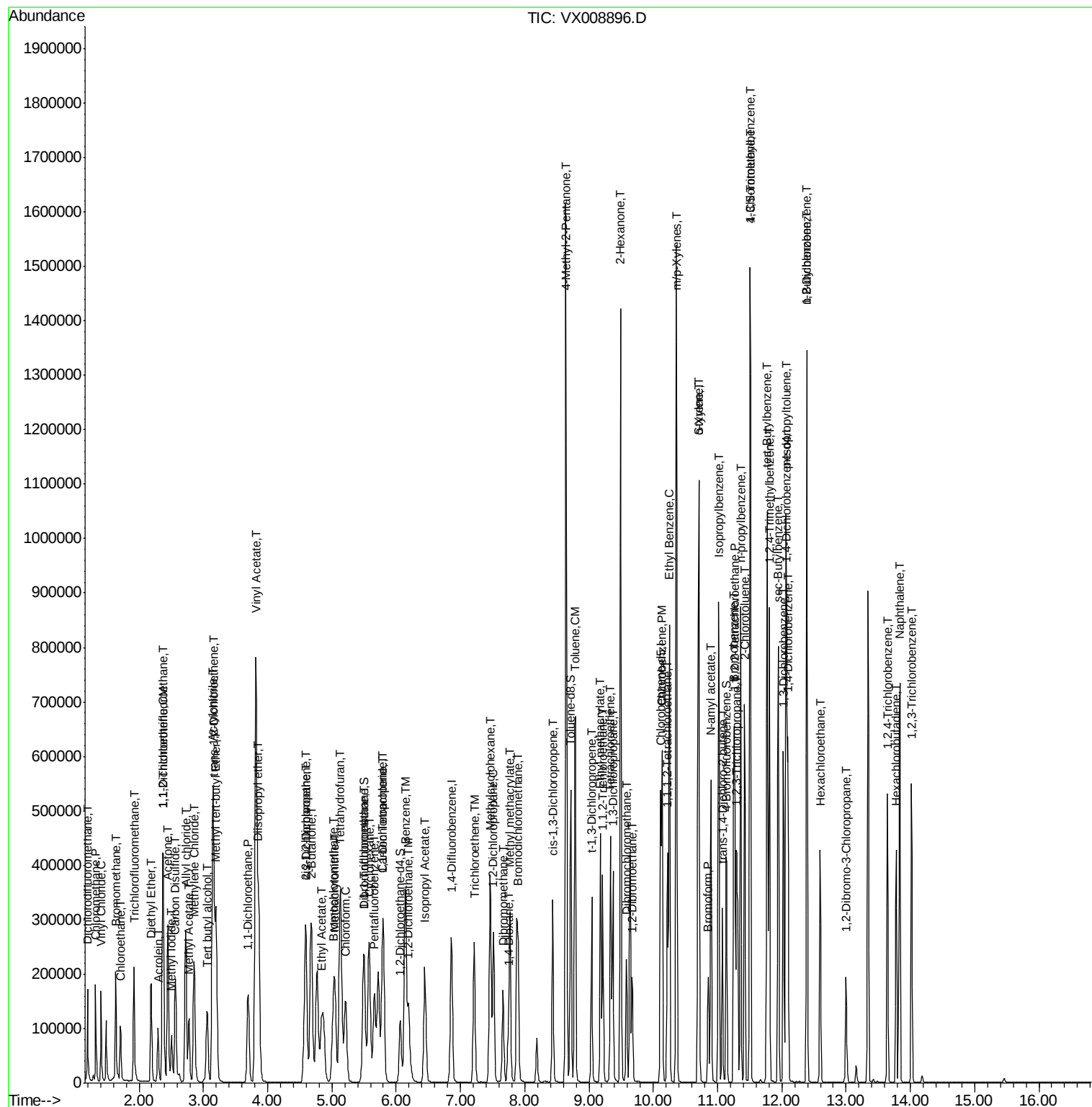
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	63698	51.244	ug/l	99
95) Naphthalene	13.83	128	436429	50.380	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128729	49.709	ug/l	99

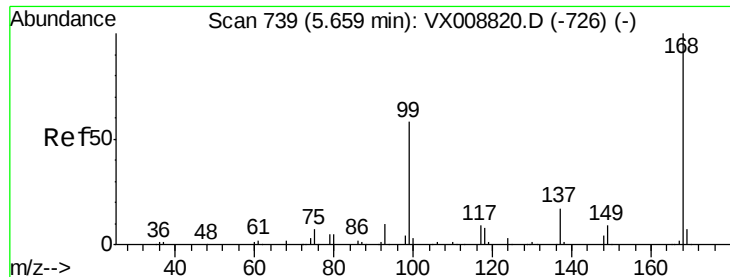
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
SA-PZ1181-20190409MSD

Quant Time: Apr 13 05:00:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

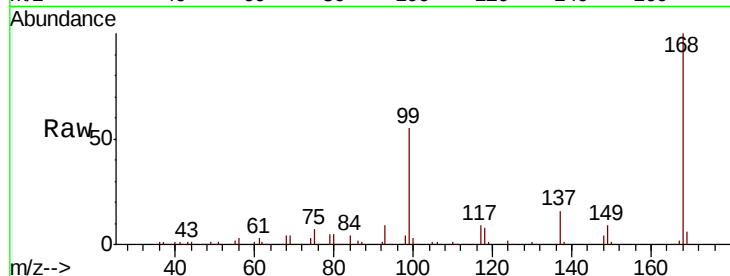
SA-PZ118I-20190409MSD

Tot Ion:168 Resp: 157360

Ion Ratio Lower Upper

168 100

99 54.5 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

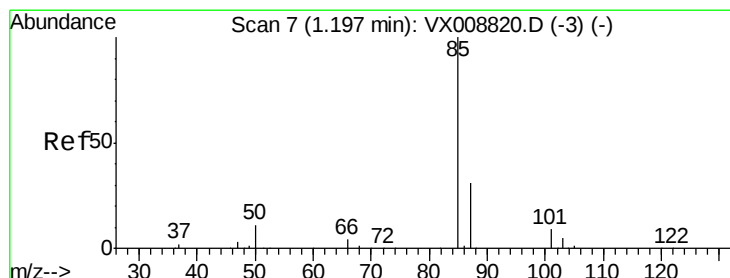
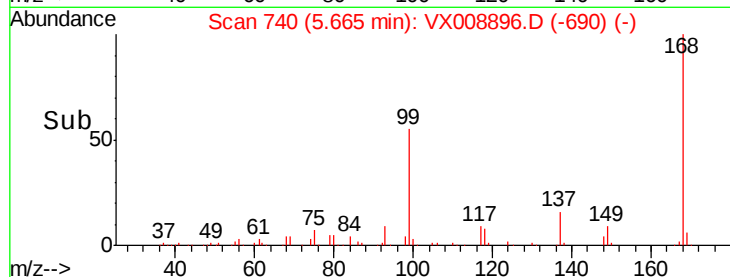
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 57.213 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008896.D

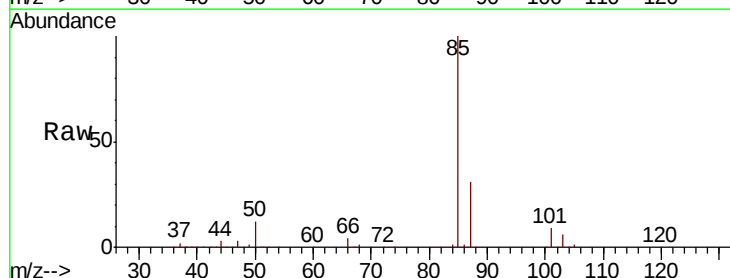
Acq: 12 Apr 2019 19:01

Tgt Ion: 85 Resp: 103632

Ion Ratio Lower Upper

85 100

87 31.3 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

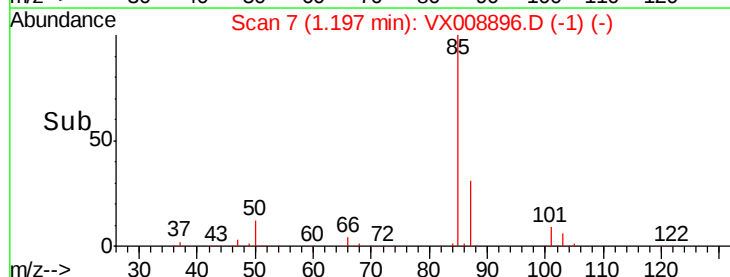
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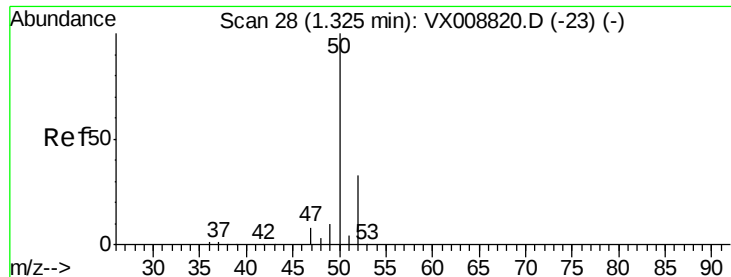
20000

0

Time-->

1.20 1.30





#3

Chloromethane

Concen: 55.620 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

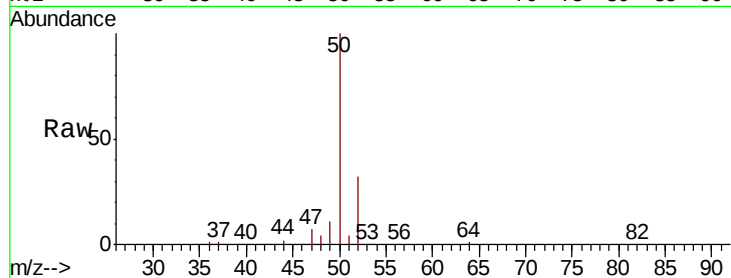
SA-PZ118I-20190409MSD

Tot Ion: 50 Resp: 123049

Ion Ratio Lower Upper

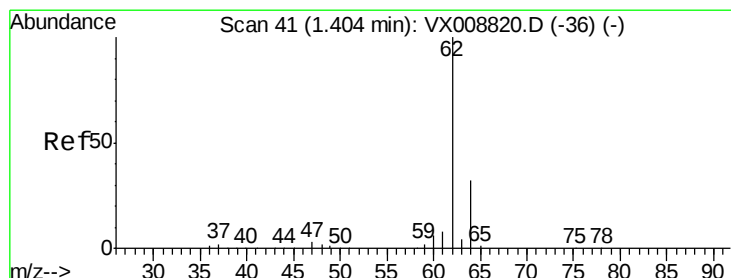
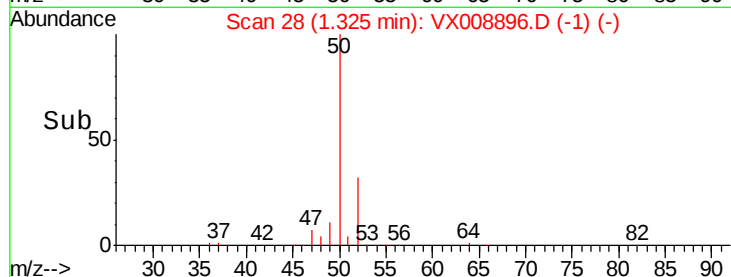
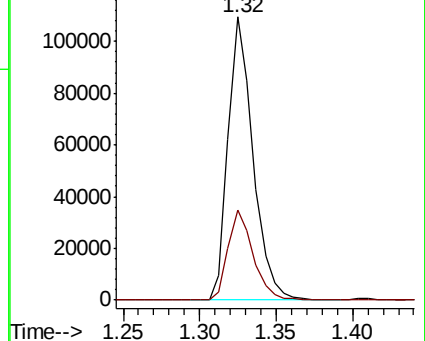
50 100

52 32.1 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.234 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008896.D

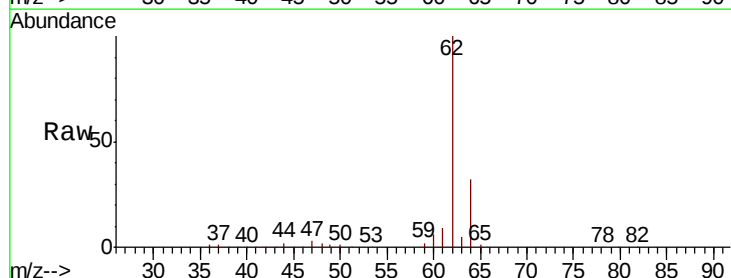
Acq: 12 Apr 2019 19:01

Tgt Ion: 62 Resp: 118106

Ion Ratio Lower Upper

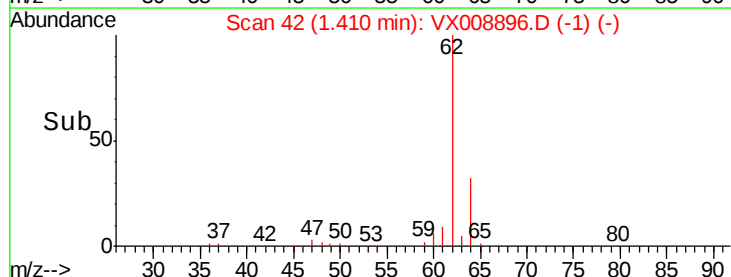
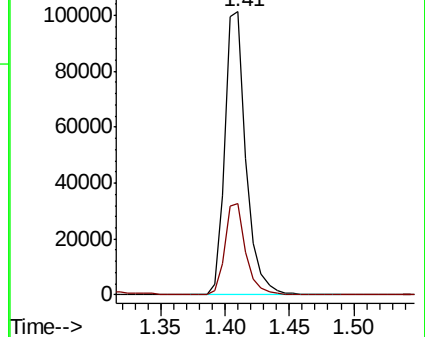
62 100

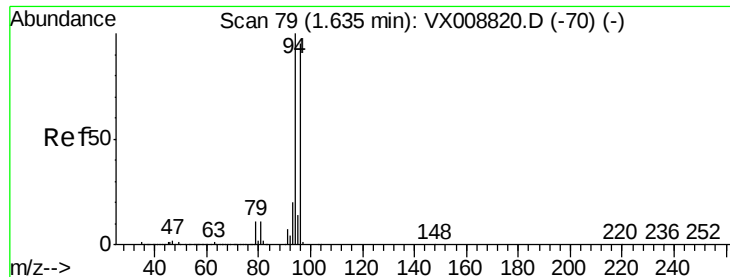
64 32.0 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.972 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

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ClientSampleId :

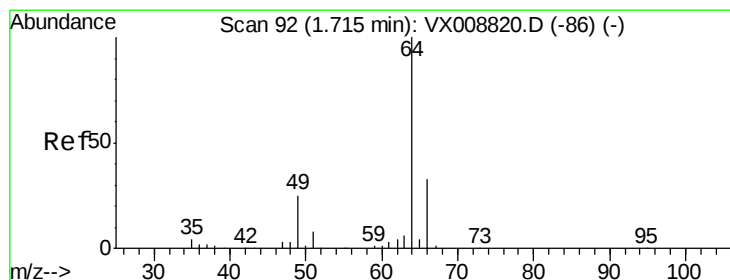
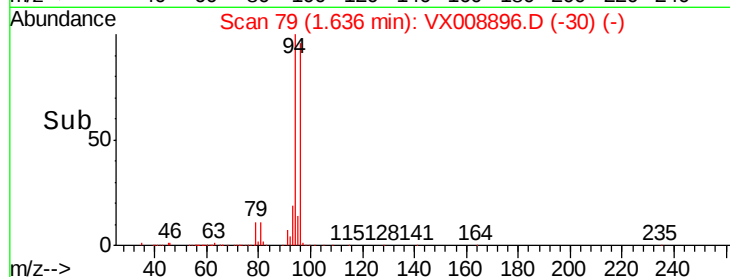
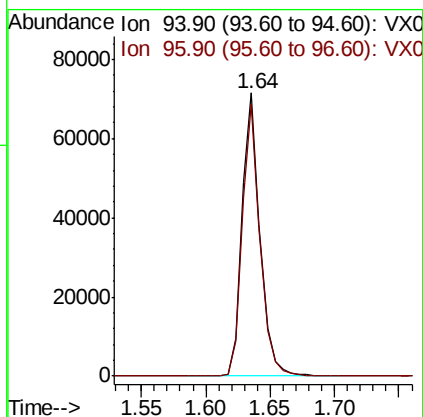
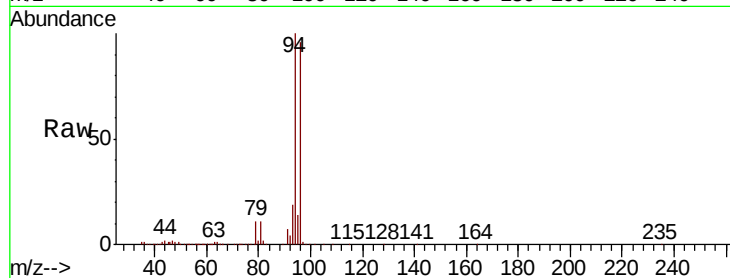
SA-PZ118I-20190409MSD

Tot Ion: 94 Resp: 69050

Ion Ratio Lower Upper

94 100

96 96.1 75.2 112.8



#6

Chloroethane

Concen: 50.805 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008896.D

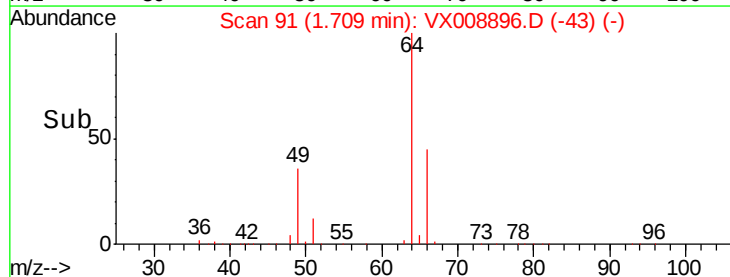
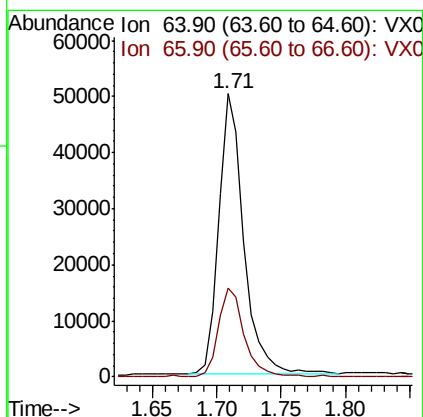
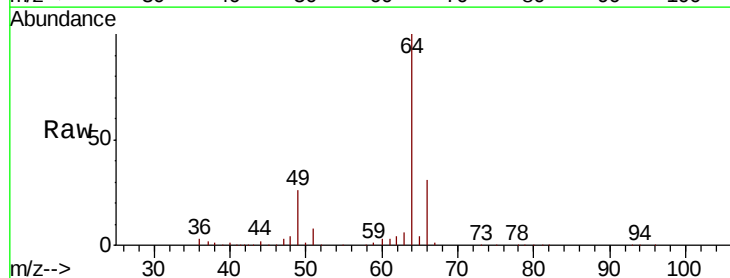
Acq: 12 Apr 2019 19:01

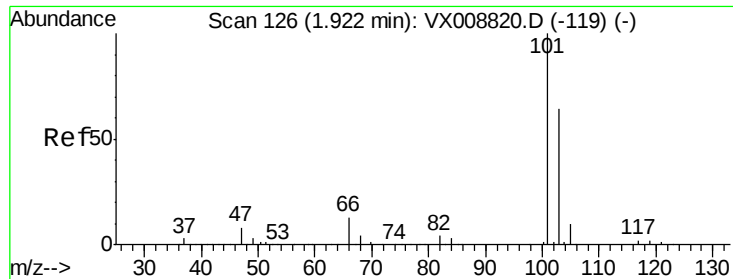
Tgt Ion: 64 Resp: 67874

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.0



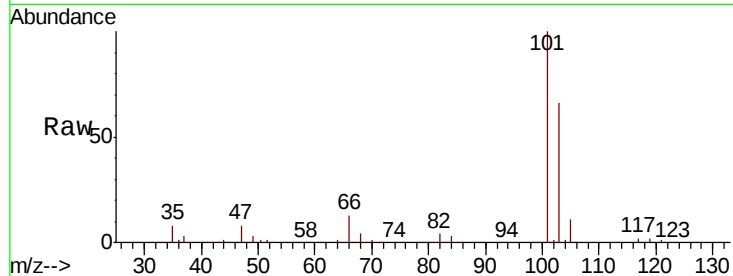


#7

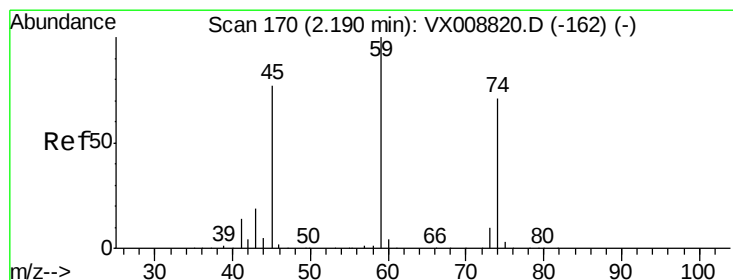
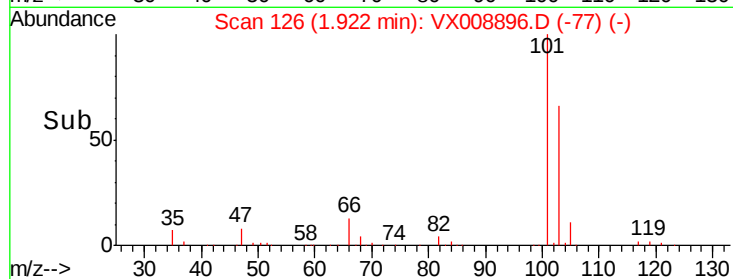
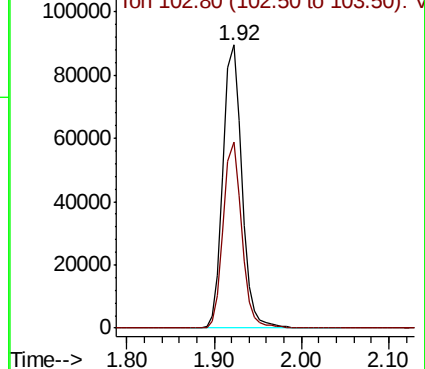
Trichlorofluoromethane
 Concen: 49.397 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

Instrument :
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Tot Ion:101 Resp: 133704
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.3 78.5



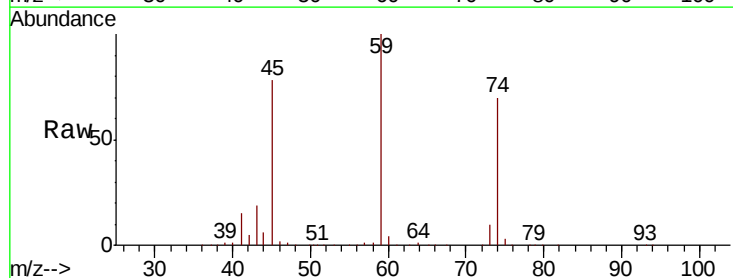
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



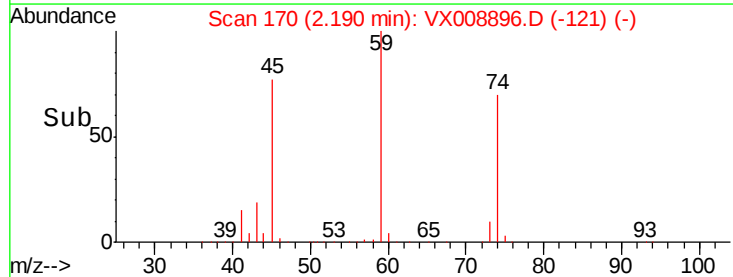
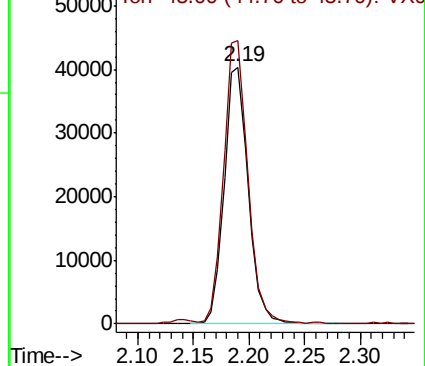
#8

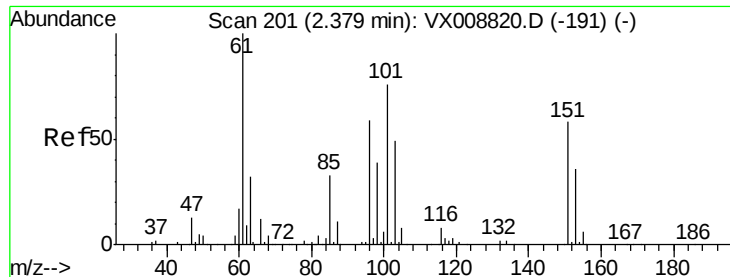
Diethyl Ether
 Concen: 47.170 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

Tgt Ion: 74 Resp: 60547
 Ion Ratio Lower Upper
 74 100
 45 110.0 56.5 169.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.931 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

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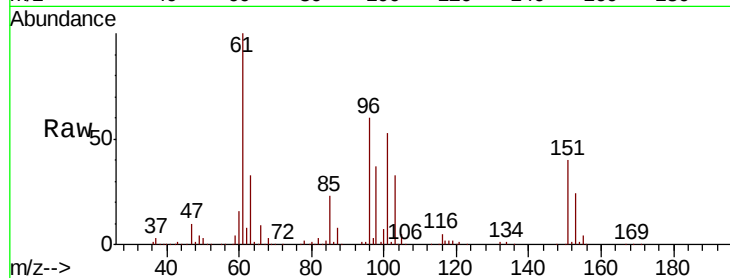
Tot Ion:101 Resp: 83529

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

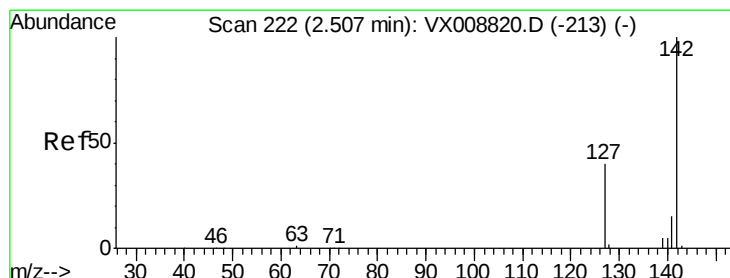
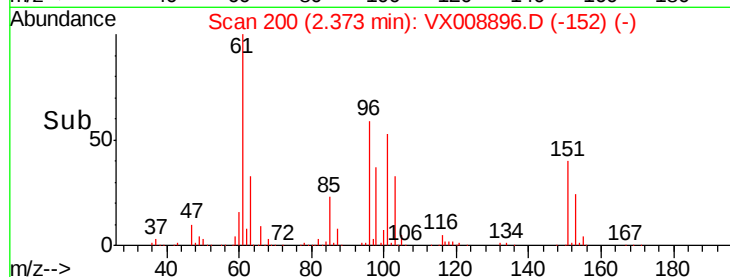
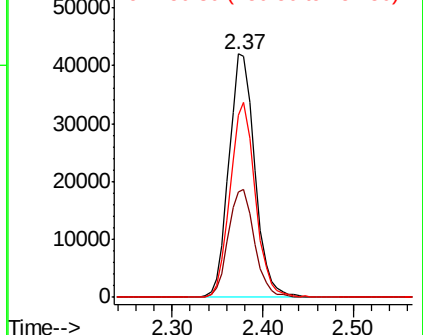
151 77.8 59.9 89.9



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: 58.320 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

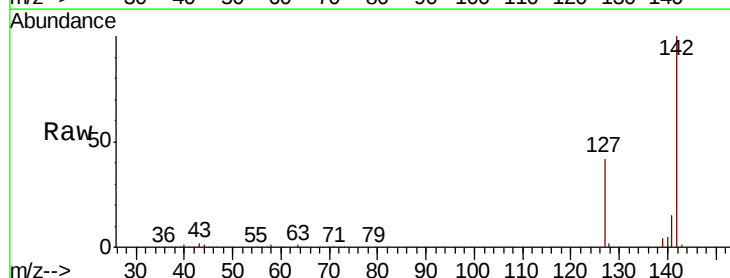
Tgt Ion:142 Resp: 93712

Ion Ratio Lower Upper

142 100

127 41.6 33.0 49.6

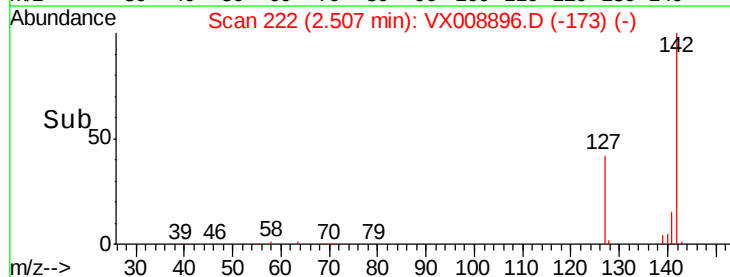
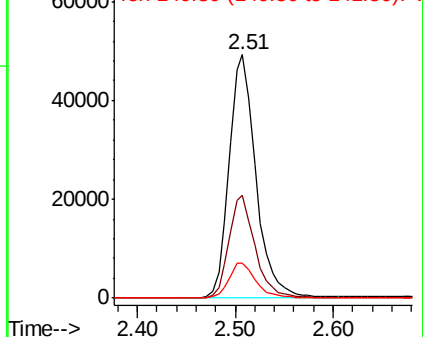
141 14.7 11.4 17.2

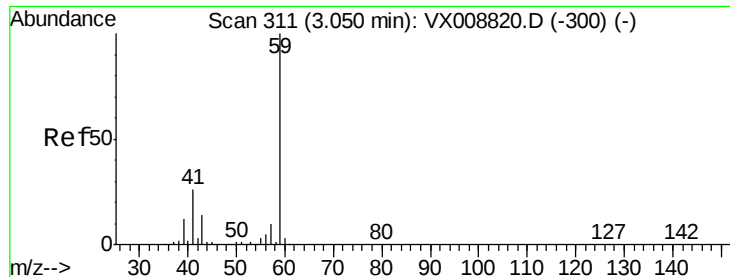


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



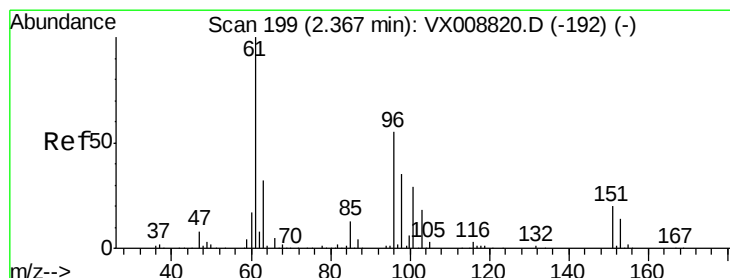
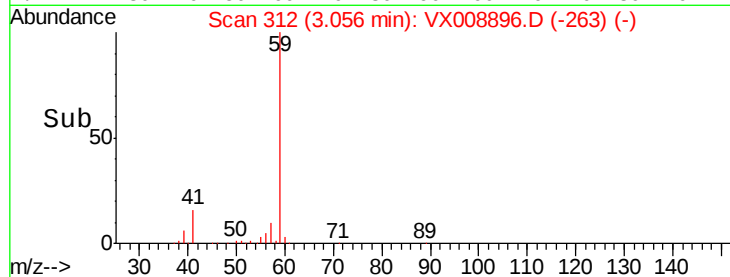
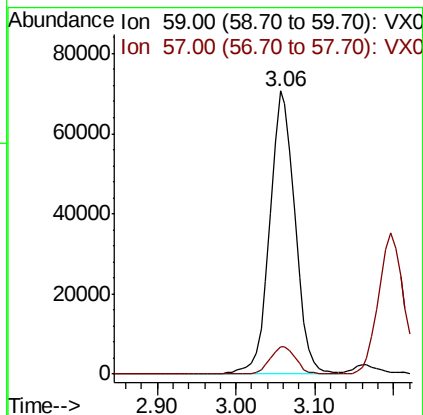
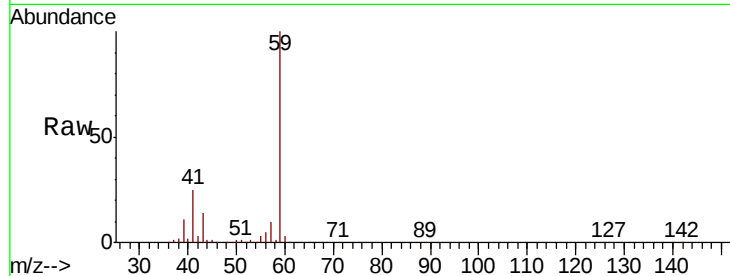


#11

Tert butyl alcohol
 Concen: 293.048 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MSD

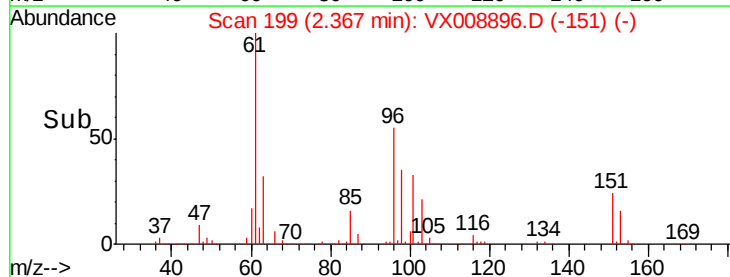
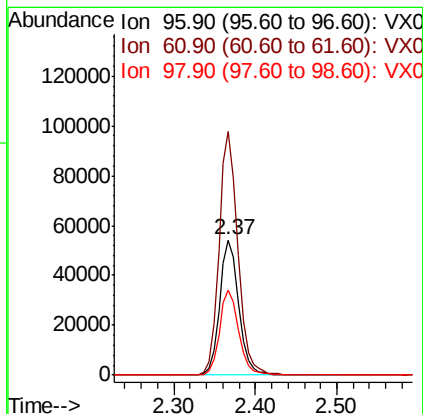
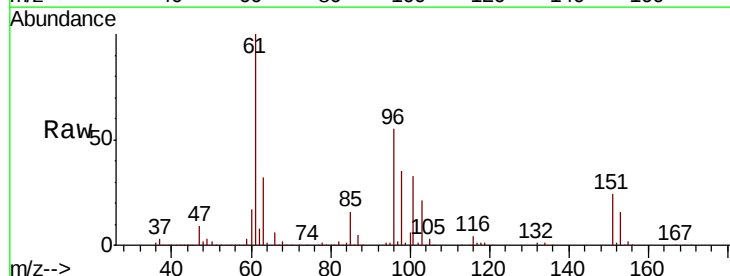
Tot Ion: 59 Resp: 157464
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

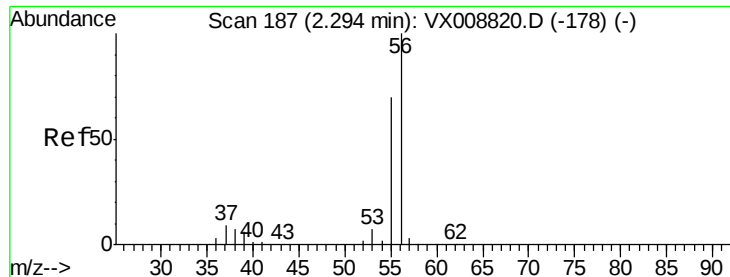


#12

1,1-Dichloroethene
 Concen: 48.360 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

Tgt Ion: 96 Resp: 87977
 Ion Ratio Lower Upper
 96 100
 61 180.5 140.9 211.3
 98 63.2 52.1 78.1

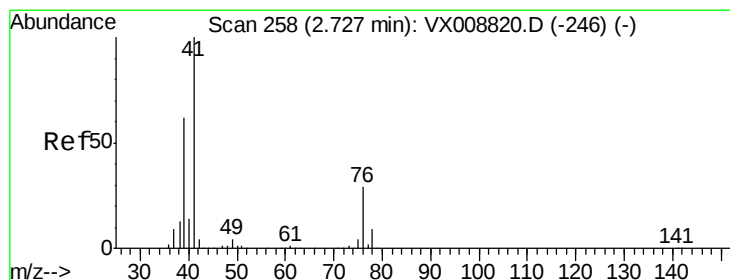
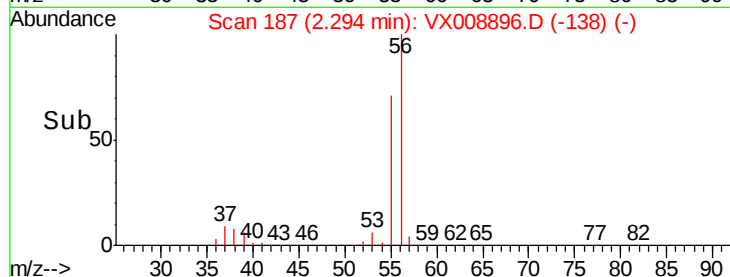
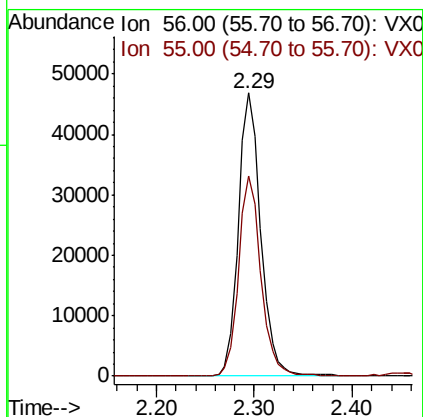
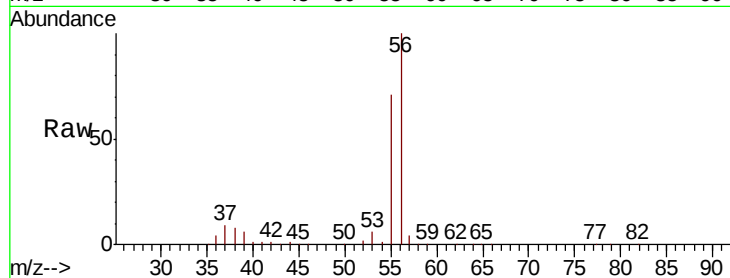




#13
Acrolein
Concen: 279.109 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

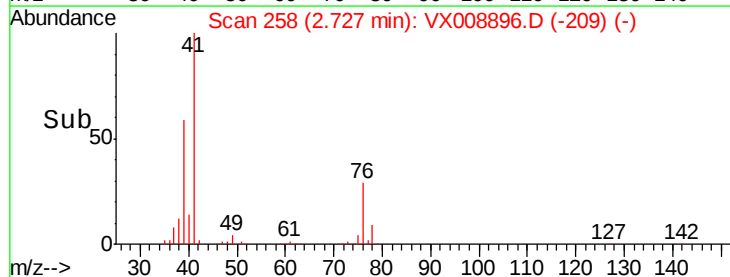
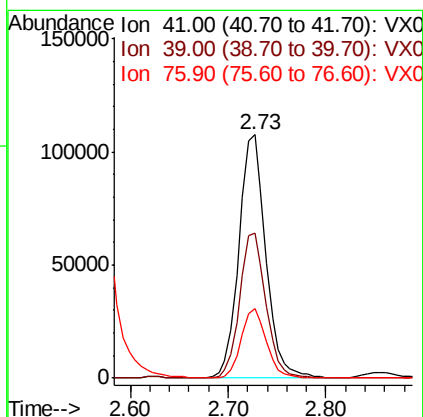
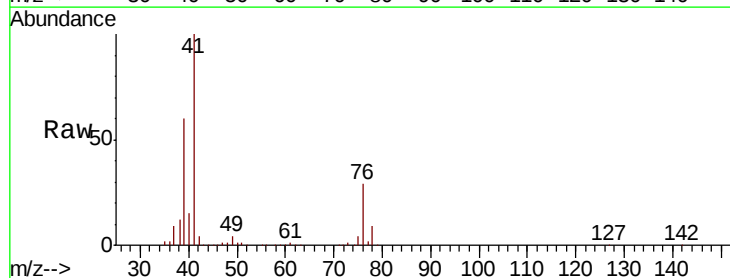
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MSD

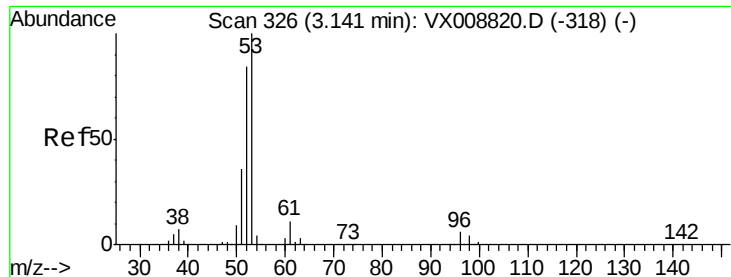
Tot Ion: 56 Resp: 74365
Ion Ratio Lower Upper
56 100
55 70.9 58.0 87.0



#14
Allyl chloride
Concen: 49.317 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

Tgt Ion: 41 Resp: 205389
Ion Ratio Lower Upper
41 100
39 57.9 48.0 72.0
76 26.9 22.0 33.0





#15

Acrylonitrile

Concen: 256.102 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MSD

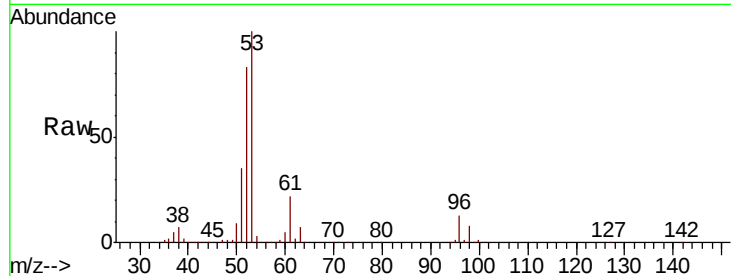
Tot Ion: 53 Resp: 364558

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

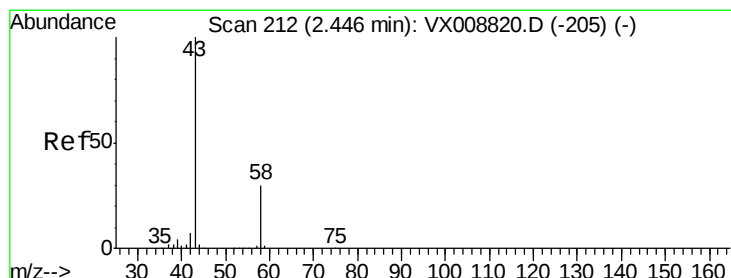
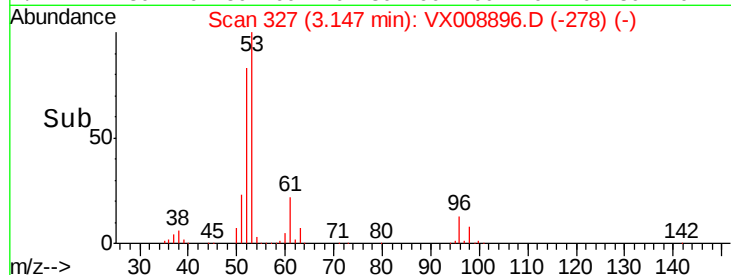
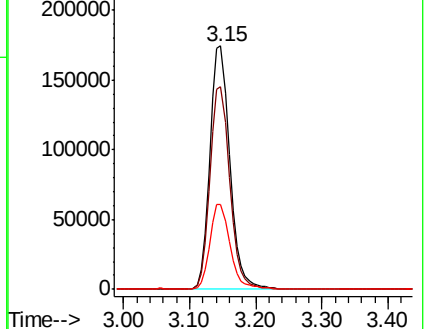
51 35.3 28.6 42.8



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: 241.807 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008896.D

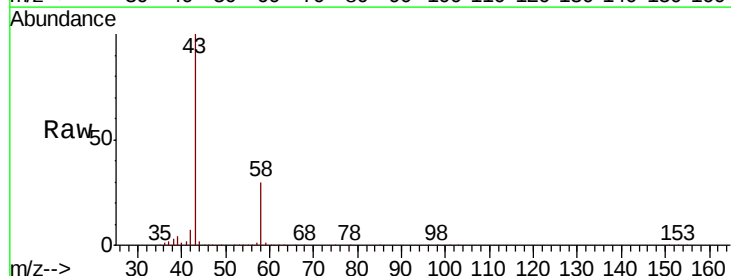
Acq: 12 Apr 2019 19:01

Tgt Ion: 43 Resp: 319659

Ion Ratio Lower Upper

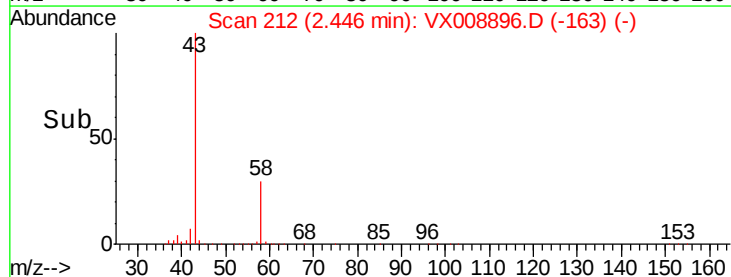
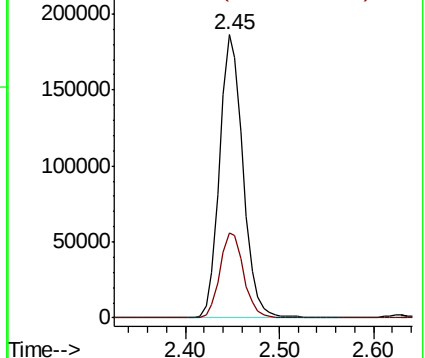
43 100

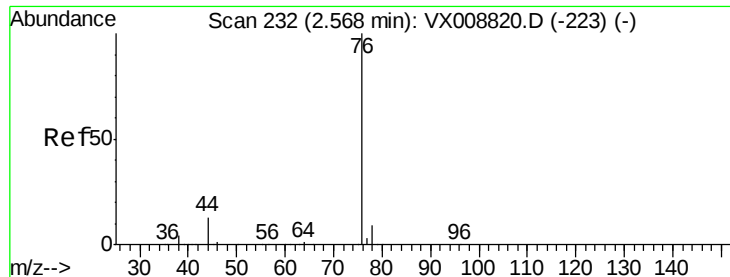
58 30.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.719 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

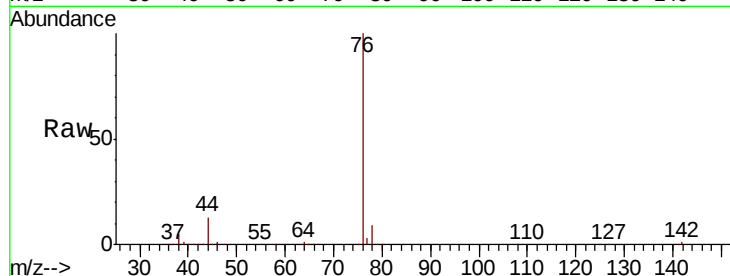
SA-PZ118I-20190409MSD

Tot Ion: 76 Resp: 261216

Ion Ratio Lower Upper

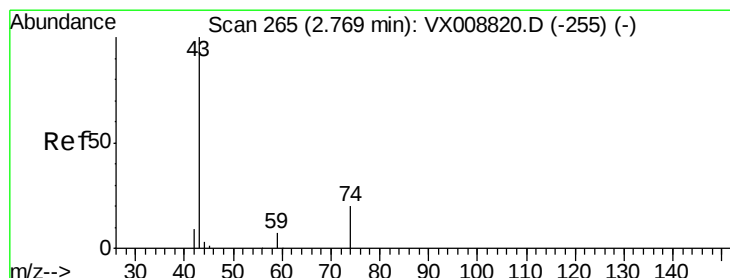
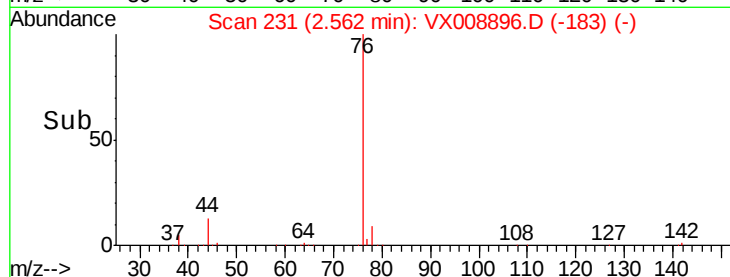
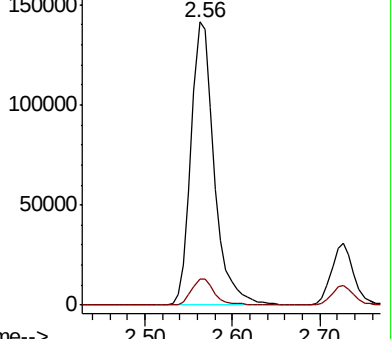
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.273 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX008896.D

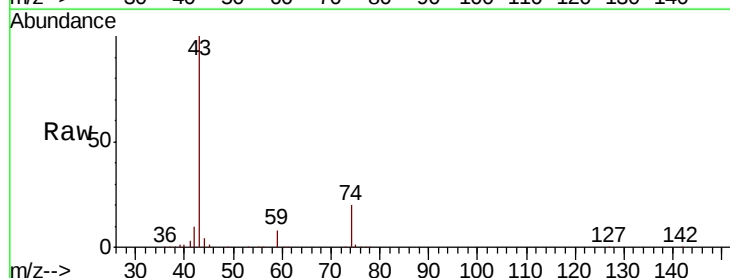
Acq: 12 Apr 2019 19:01

Tgt Ion: 43 Resp: 141945

Ion Ratio Lower Upper

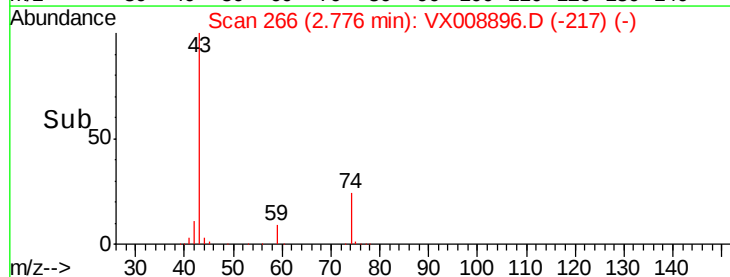
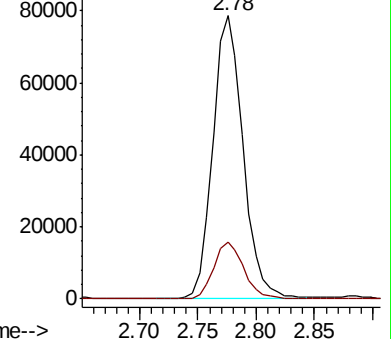
43 100

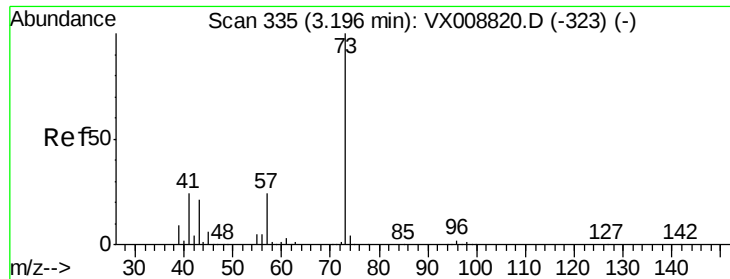
74 20.3 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

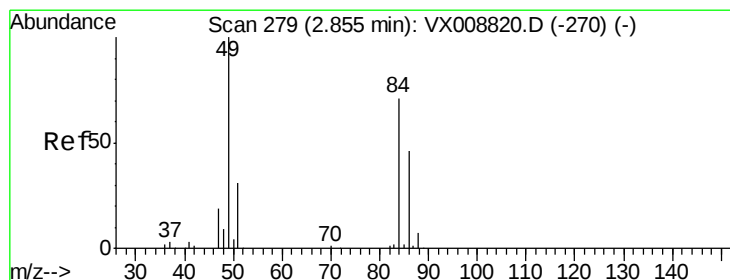
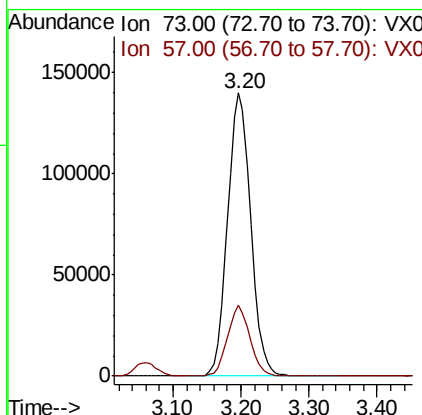
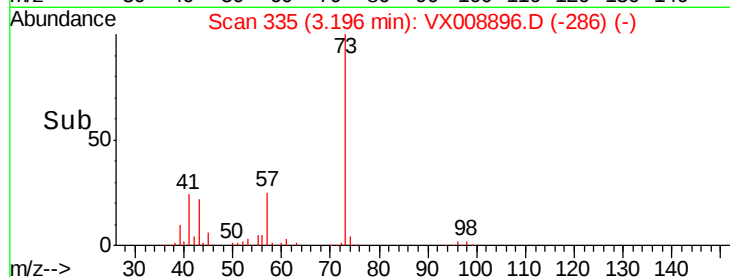
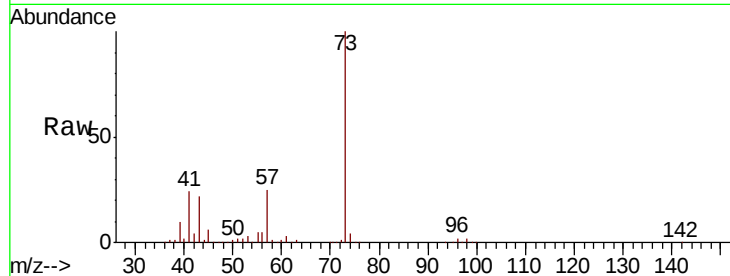




#19
Methyl tert-butyl Ether
Concen: 50.663 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

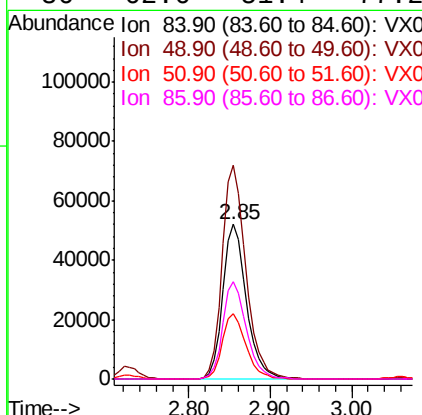
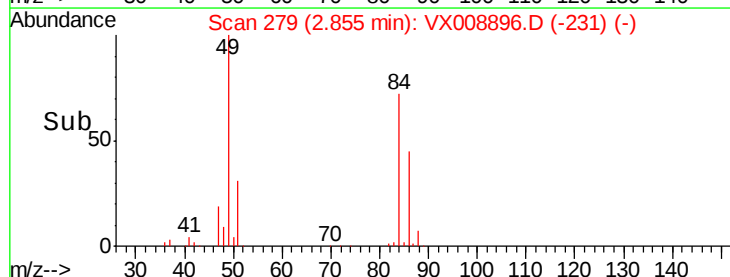
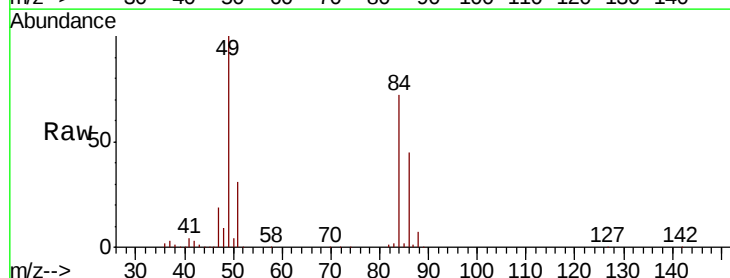
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MSD

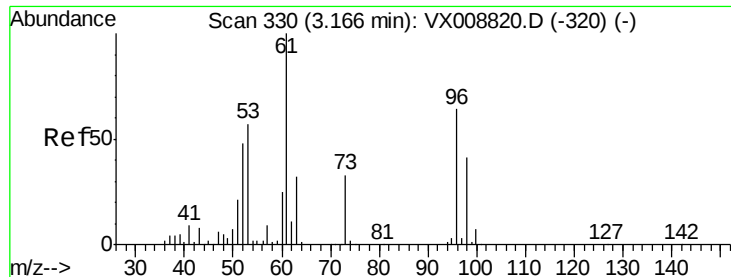
Tot Ion: 73 Resp: 329149
Ion Ratio Lower Upper
73 100
57 25.1 19.5 29.3



#20
Methylene Chloride
Concen: 47.081 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

Tgt Ion: 84 Resp: 104181
Ion Ratio Lower Upper
84 100
49 137.9 109.7 164.5
51 42.4 33.6 50.4
86 62.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 47.394 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MSD

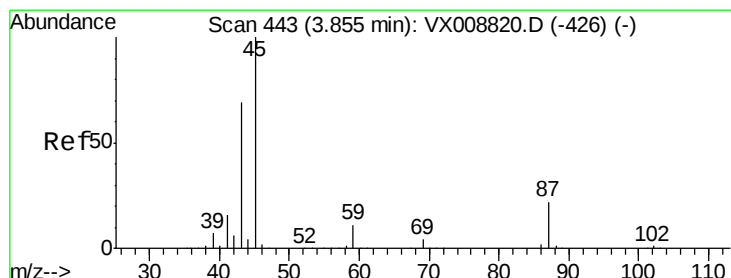
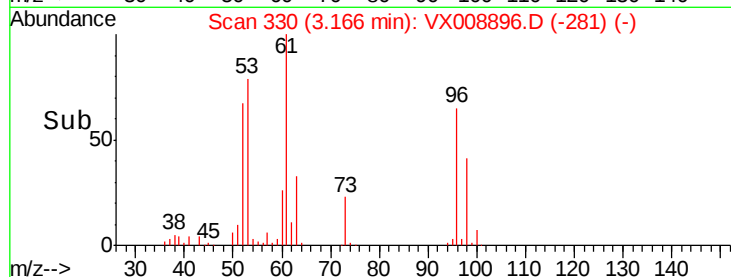
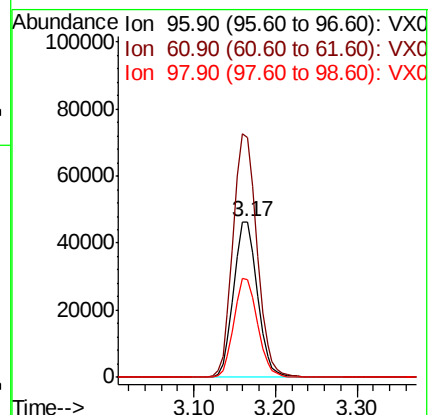
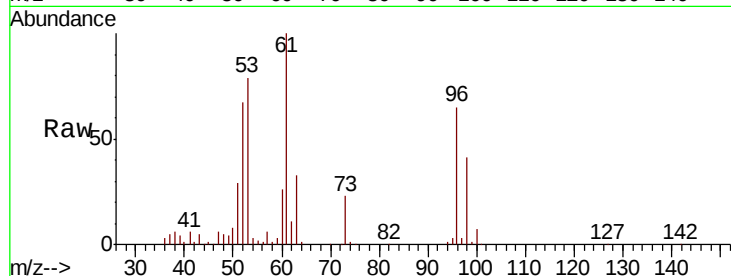
Tot Ion: 96 Resp: 93262

Ion Ratio Lower Upper

96 100

61 153.6 132.1 198.1

98 62.5 52.2 78.2



#22

Diisopropyl ether

Concen: 49.206 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Tgt Ion: 45 Resp: 394972

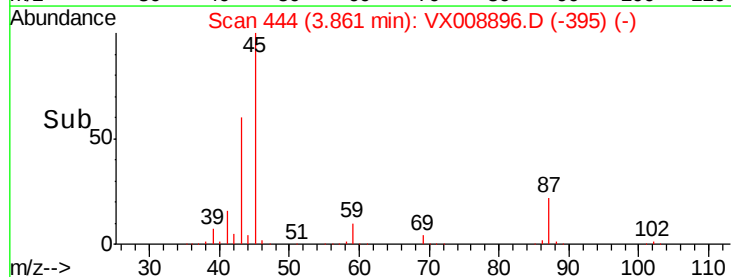
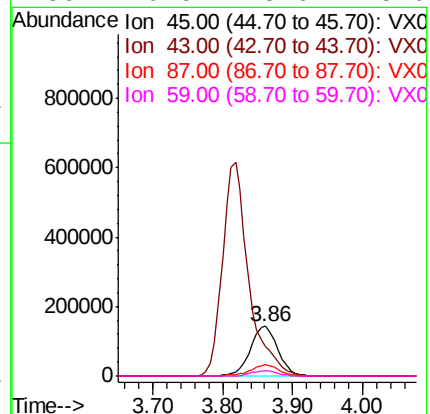
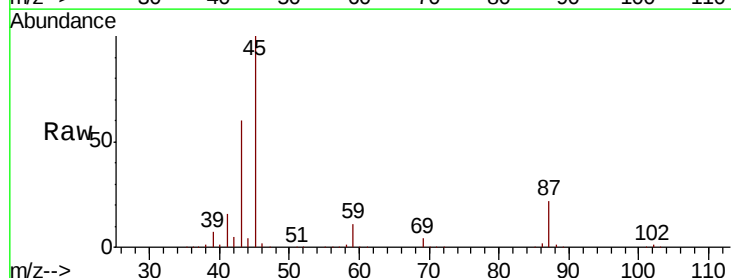
Ion Ratio Lower Upper

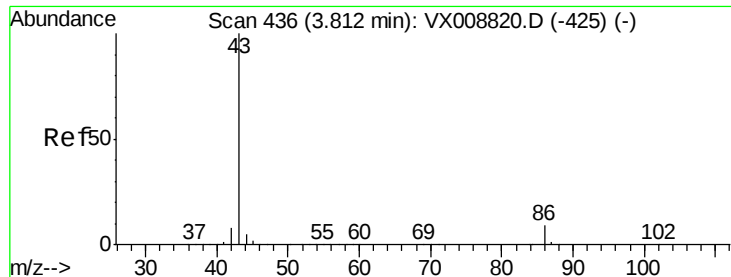
45 100

43 59.8 51.3 76.9

87 22.2 18.1 27.1

59 10.5 8.6 13.0

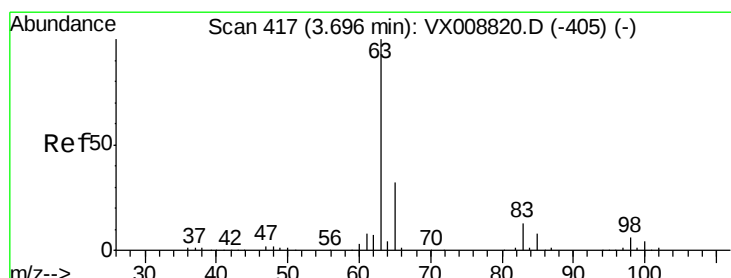
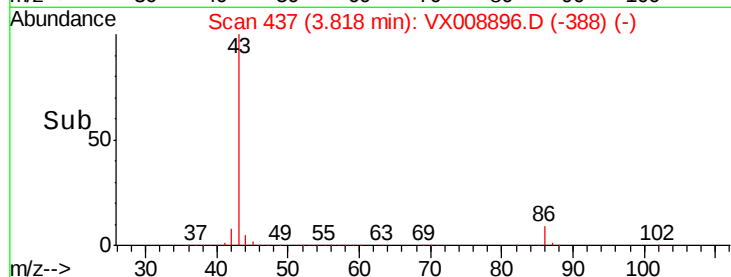
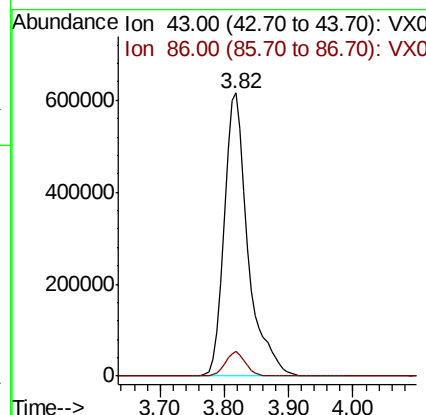
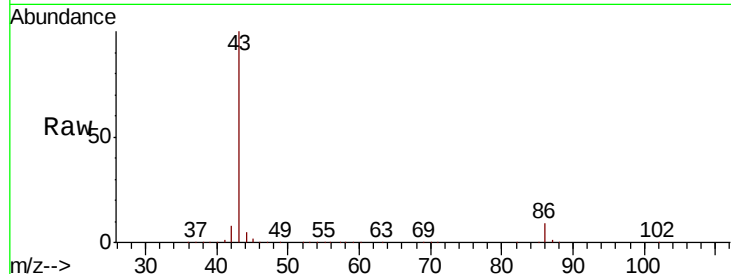




#23
 Vinyl Acetate
 Concen: 228.532 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

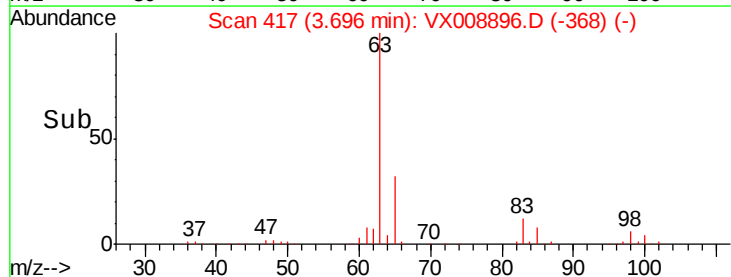
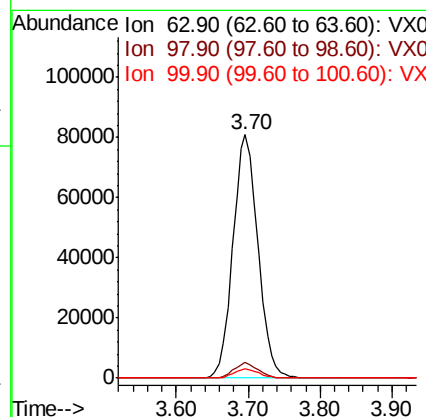
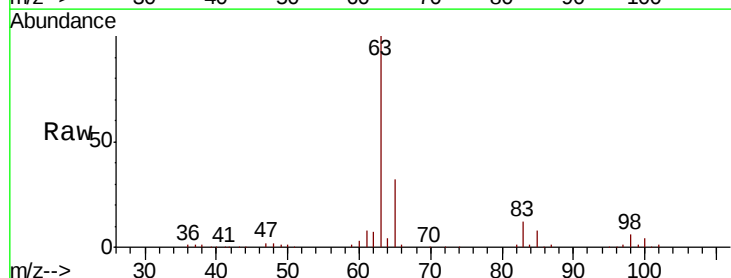
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MSD

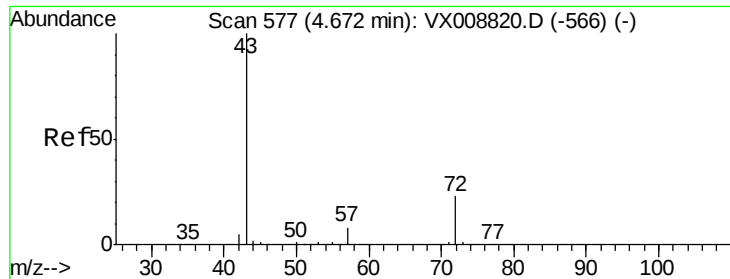
Tot Ion: 43 Resp: 1595826
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 49.174 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

Tgt Ion: 63 Resp: 195429
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.8 8.4
 100 3.9 1.8 5.5





#25

2-Butanone

Concen: 263.750 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

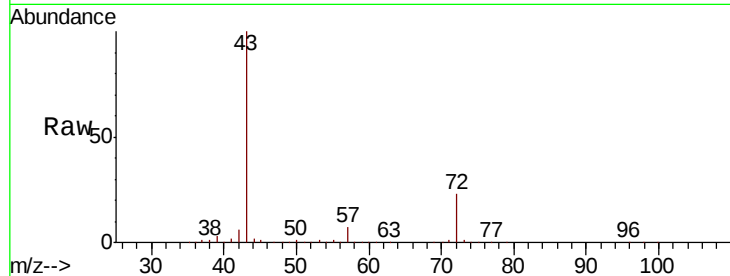
SA-PZ118I-20190409MSD

Tot Ion: 43 Resp: 551079

Ion Ratio Lower Upper

43 100

72 22.7 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

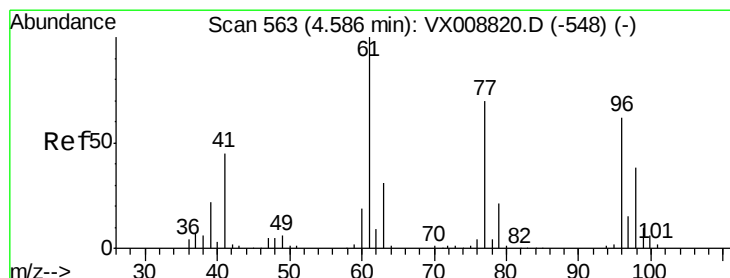
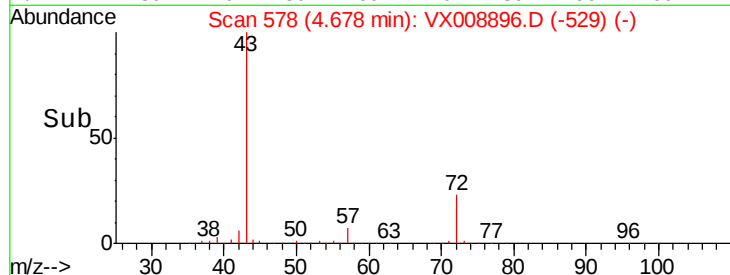
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 41.857 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008896.D

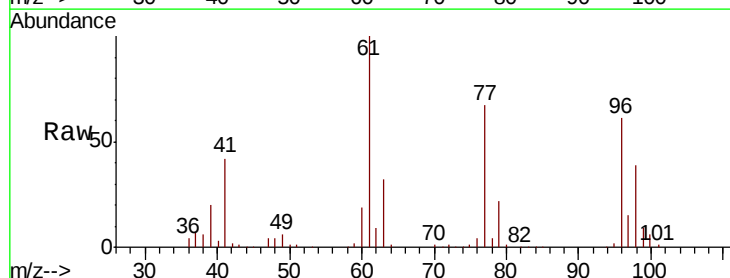
Acq: 12 Apr 2019 19:01

Tgt Ion: 77 Resp: 117163

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

30000

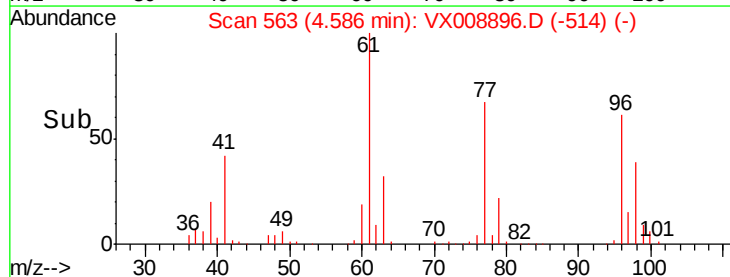
20000

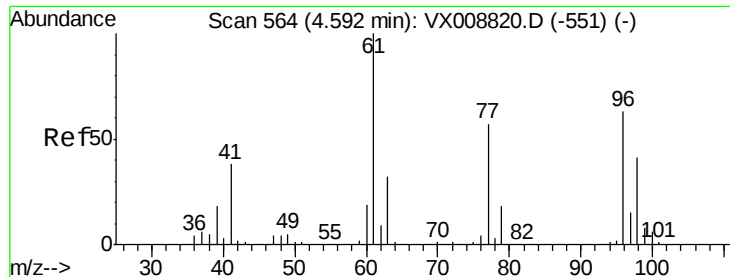
10000

0

4.40 4.50 4.60 4.70

Time-->



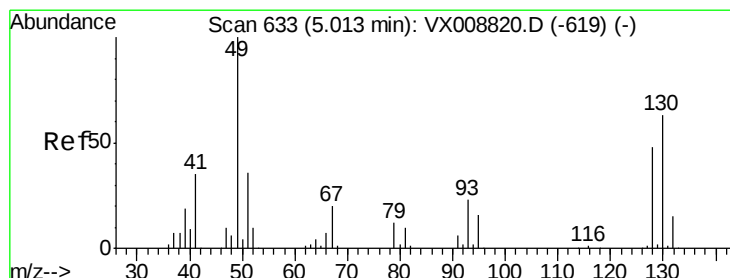
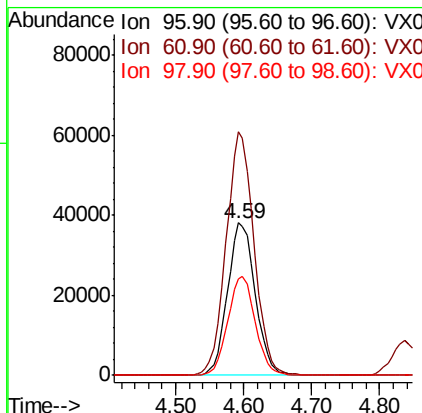
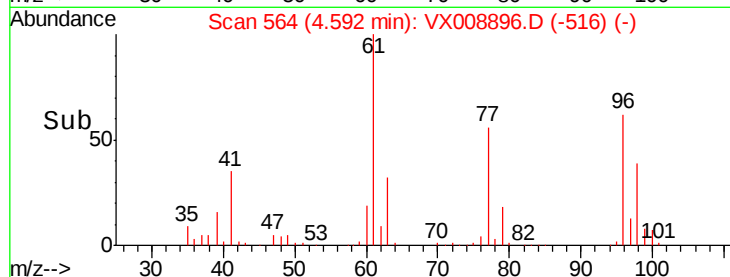
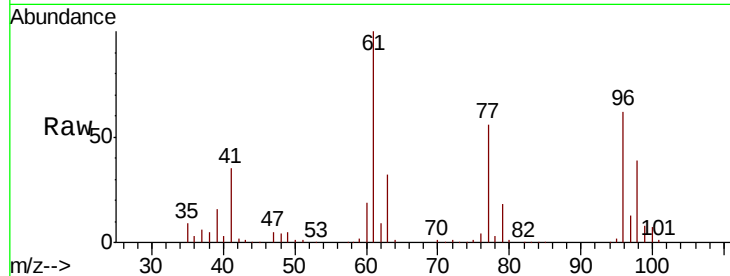


#27

cis-1,2-Dichloroethene
Concen: 47.597 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MSD

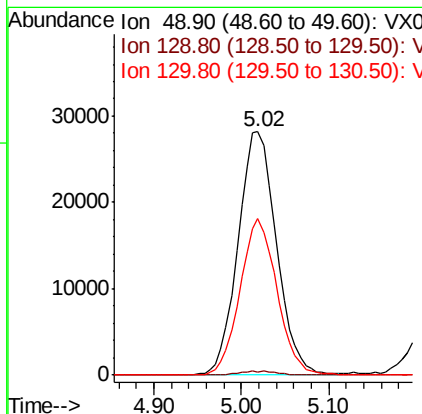
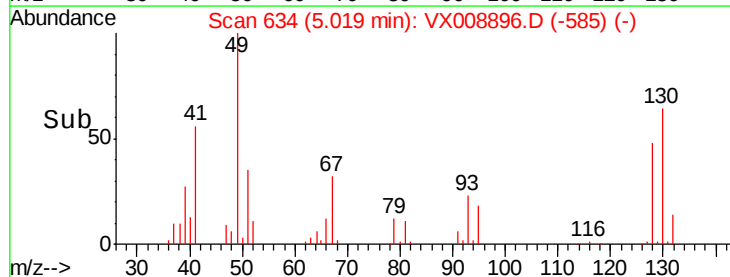
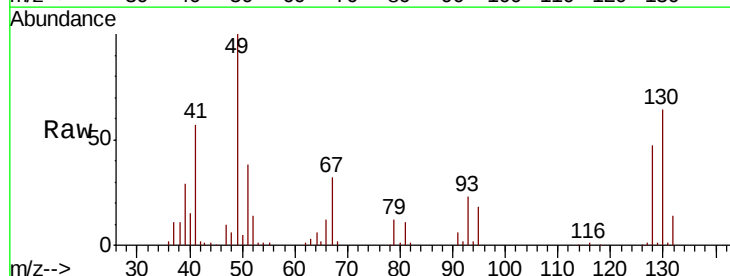
Tot Ion	Ratio	Lower	Upper
96	100		
61	160.4	0.0	327.6
98	64.1	0.0	128.6

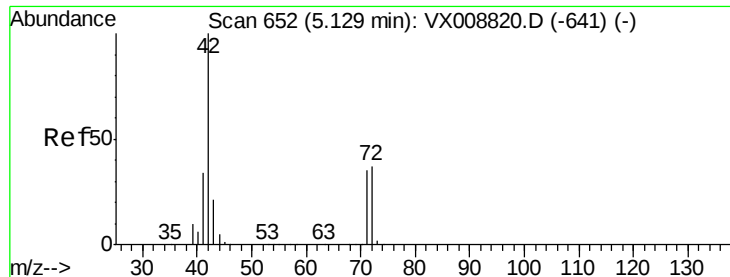


#28

Bromochloromethane
Concen: 52.082 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

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

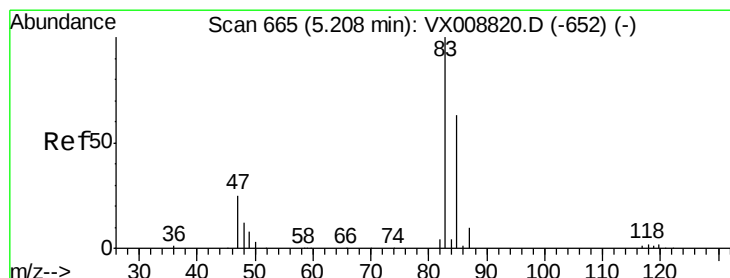
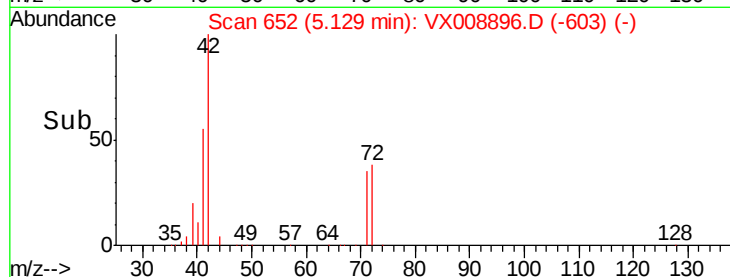
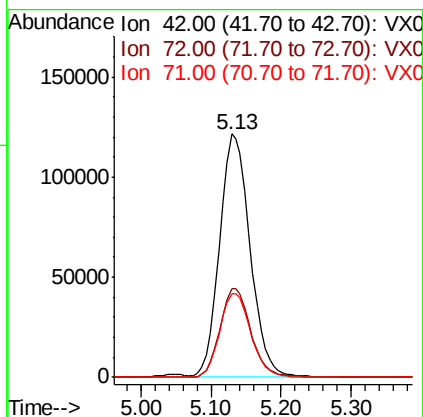
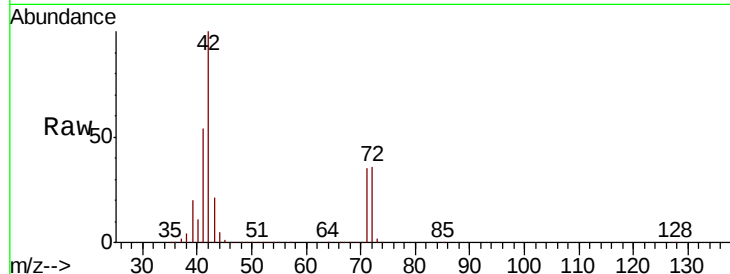




#29
Tetrahydrofuran
Concen: 263.970 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

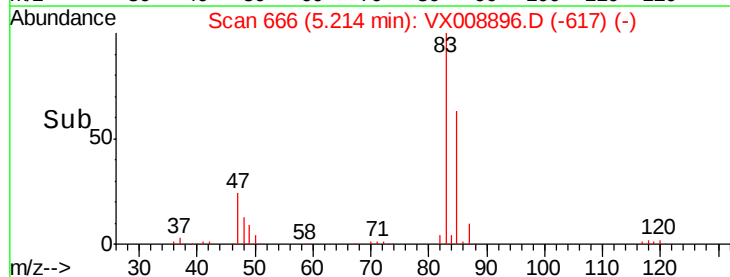
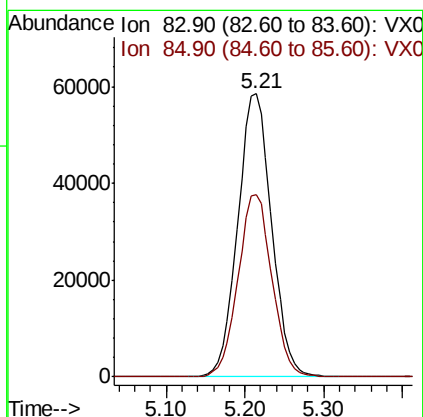
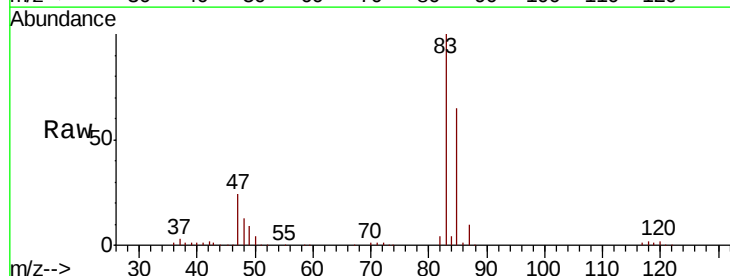
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MSD

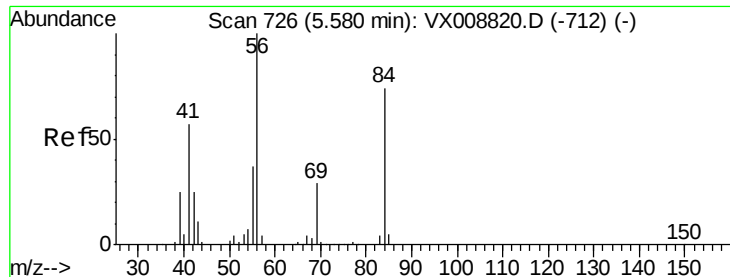
Tot Ion: 42 Resp: 366069
Ion Ratio Lower Upper
42 100
72 37.4 30.5 45.7
71 35.4 28.6 43.0



#30
Chloroform
Concen: 49.215 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

Tgt Ion: 83 Resp: 174695
Ion Ratio Lower Upper
83 100
85 64.4 52.1 78.1





#31

Cyclohexane

Concen: 47.905 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MSD

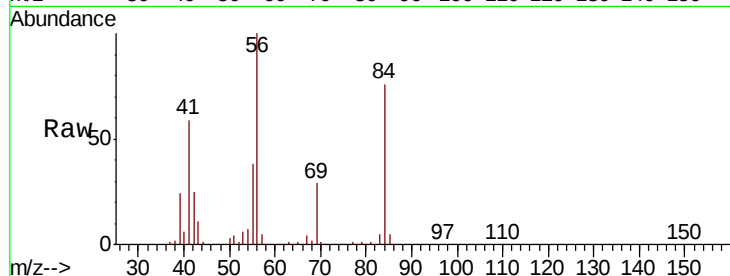
Tot Ion: 56 Resp: 189970

Ion Ratio Lower Upper

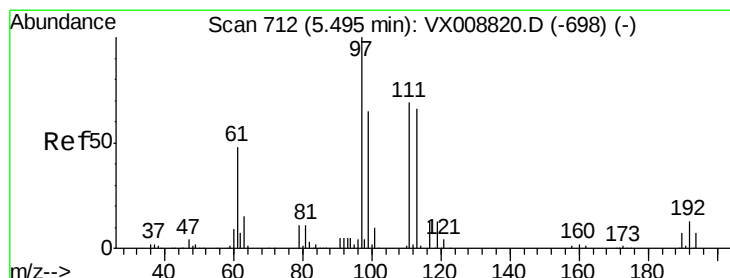
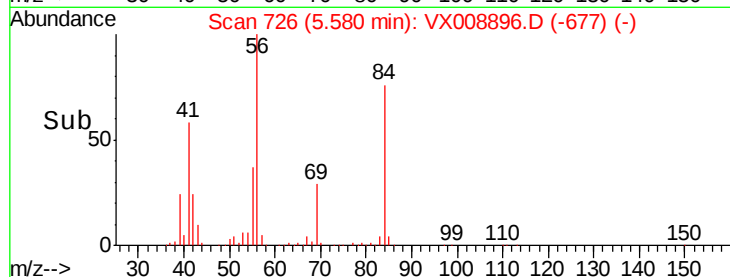
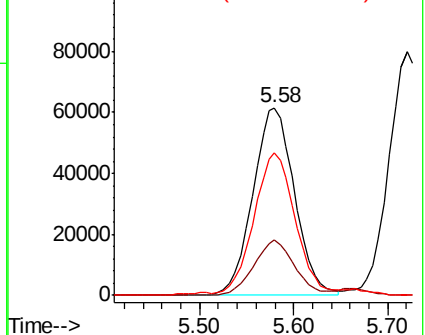
56 100

69 29.3 22.6 33.8

84 75.1 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.042 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

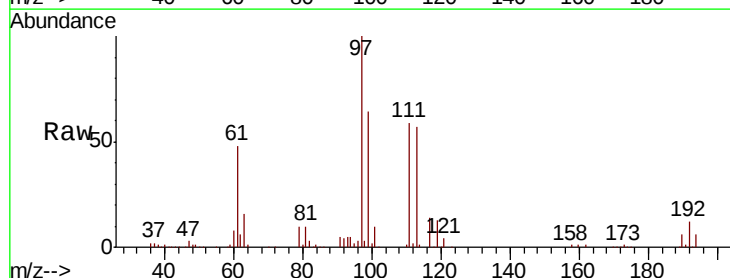
Tgt Ion: 97 Resp: 143545

Ion Ratio Lower Upper

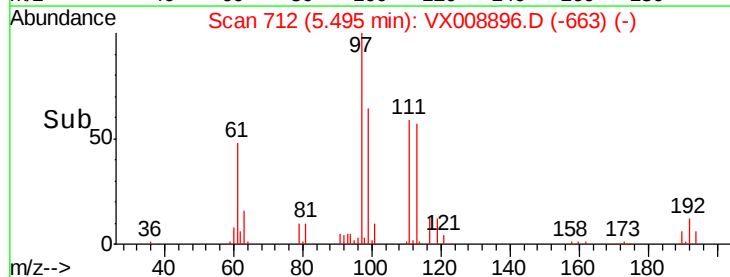
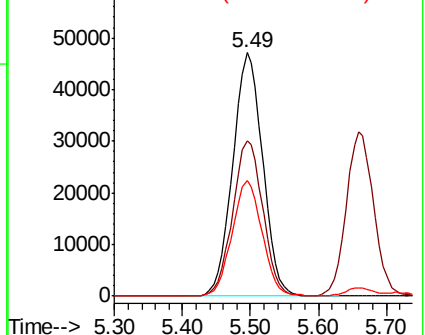
97 100

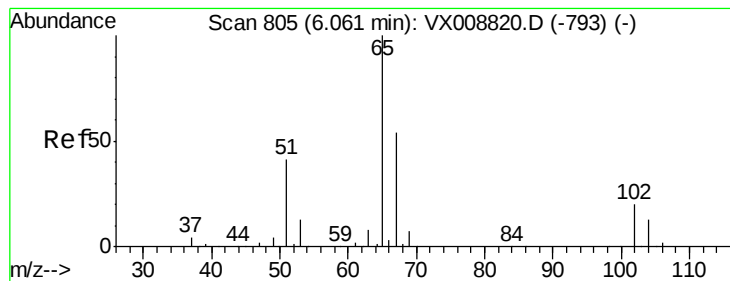
99 64.5 51.3 76.9

61 47.8 38.9 58.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.405 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

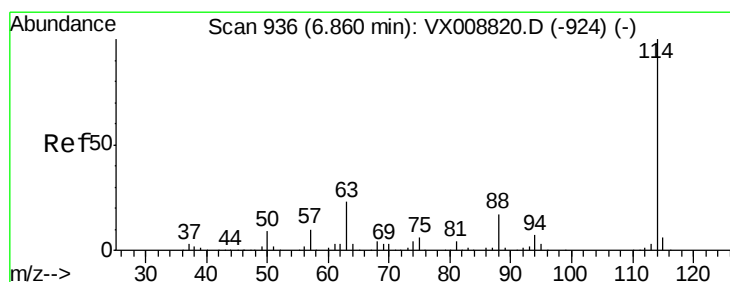
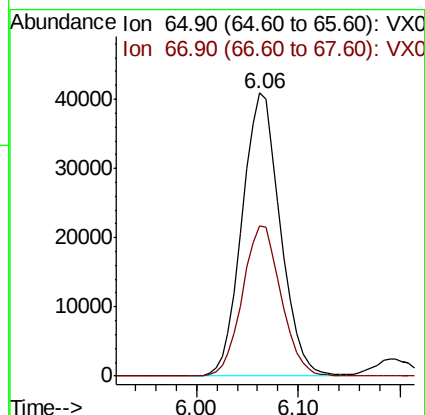
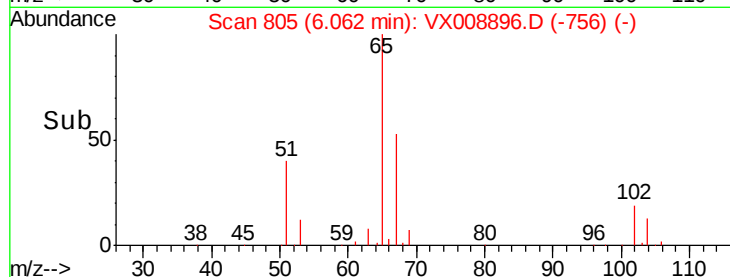
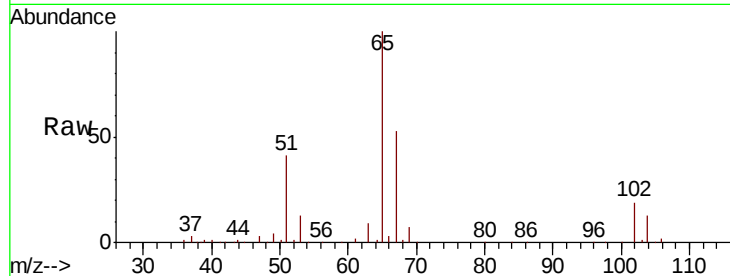
SA-PZ118I-20190409MSD

Tot Ion: 65 Resp: 106509

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

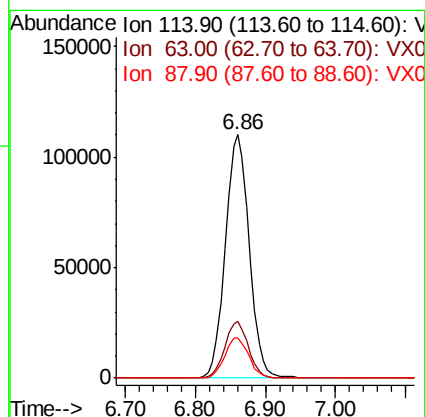
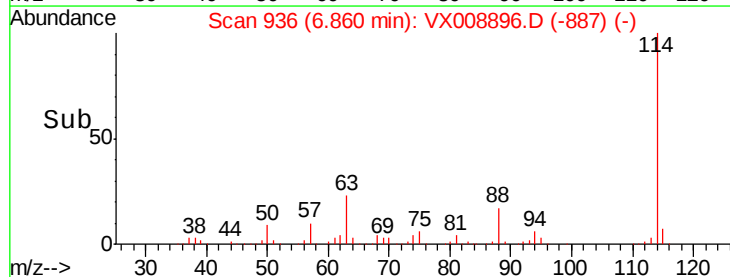
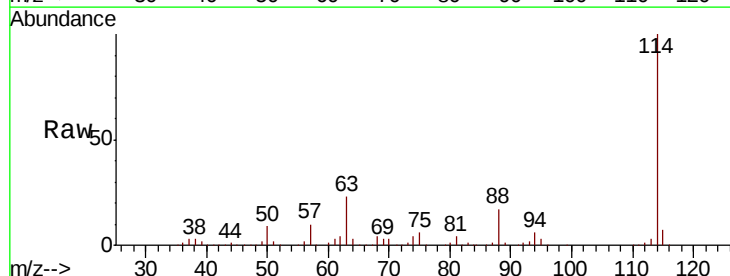
Tgt Ion: 114 Resp: 260736

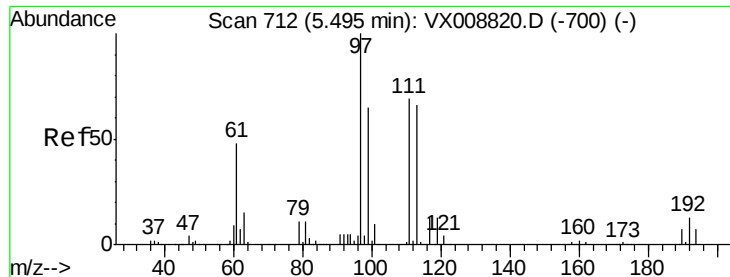
Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.2

88 16.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.608 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MSD

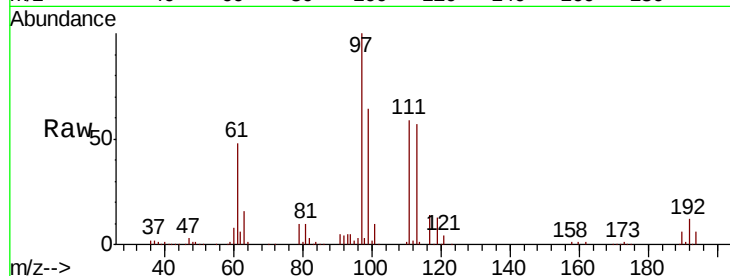
Tot Ion:113 Resp: 79365

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

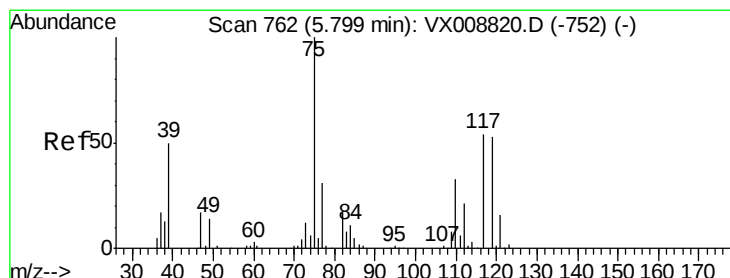
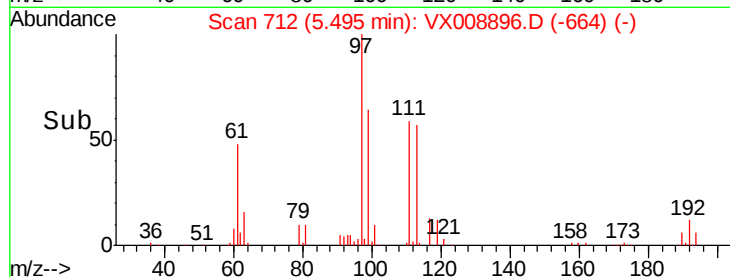
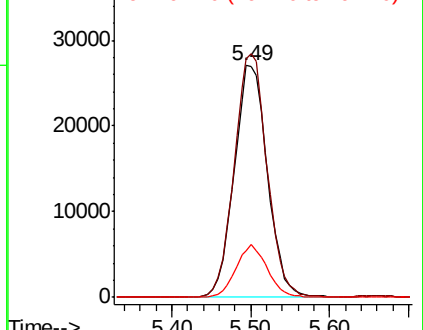
192 21.2 16.1 24.1



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: 47.602 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

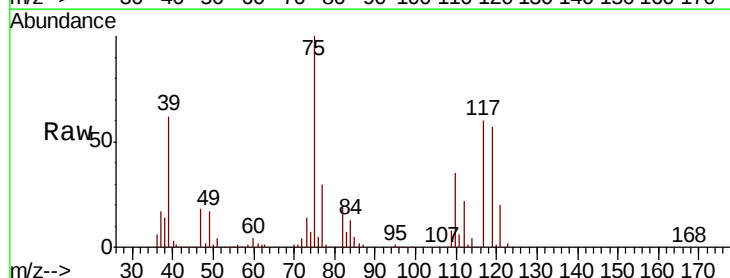
Tgt Ion: 75 Resp: 135672

Ion Ratio Lower Upper

75 100

110 33.6 16.4 49.2

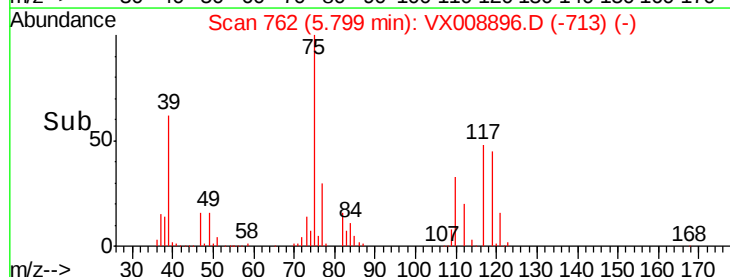
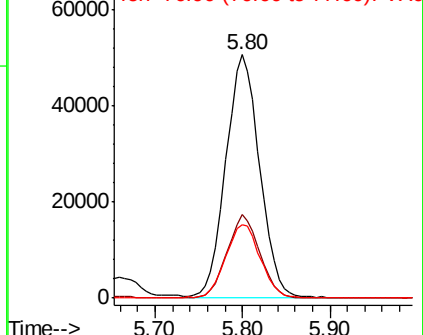
77 31.4 24.7 37.1

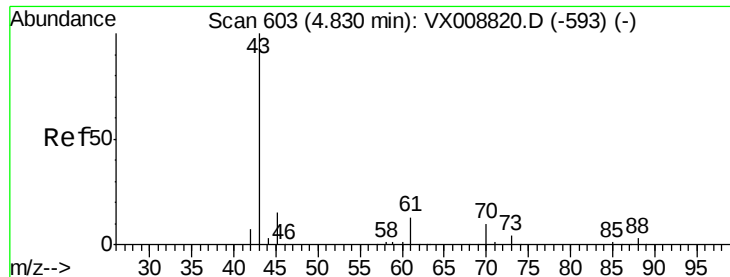


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

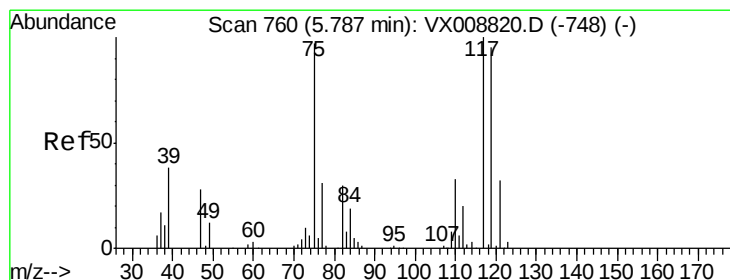
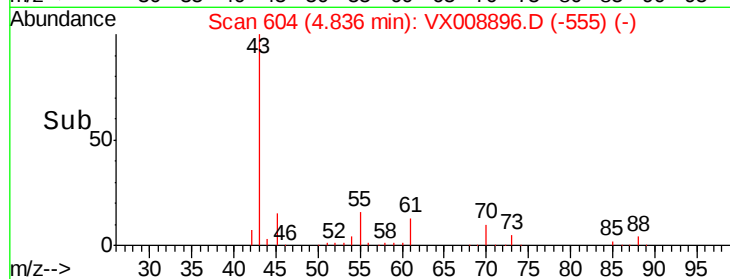
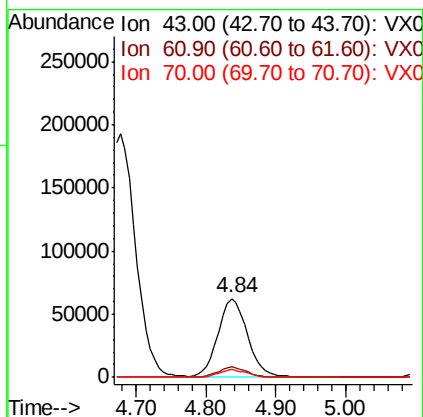
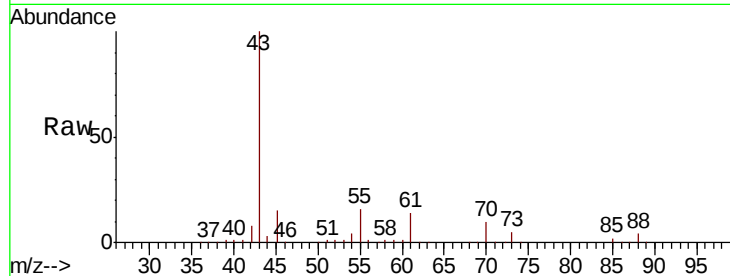




#37
Ethyl Acetate
Concen: 47.956 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

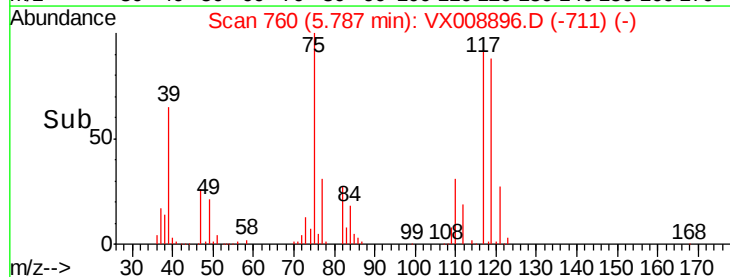
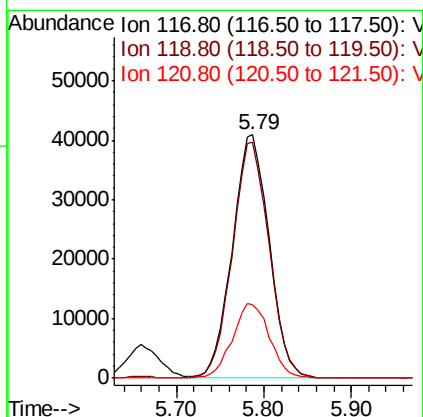
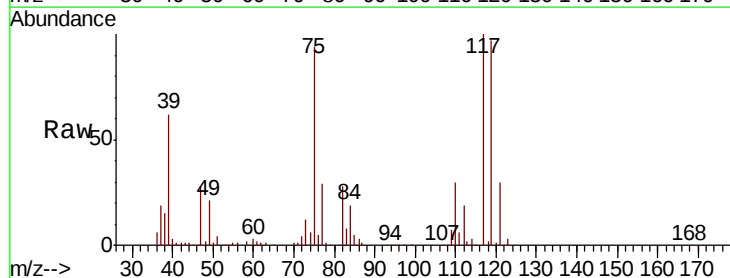
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MSD

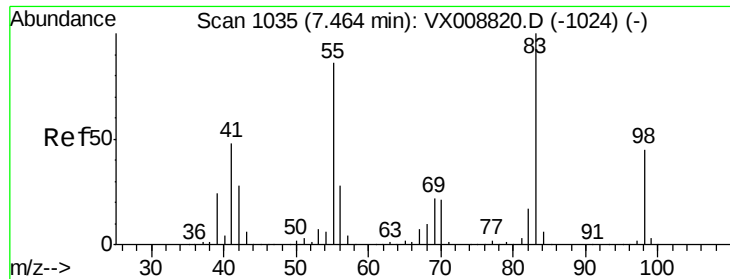
Tot Ion: 43 Resp: 182437
Ion Ratio Lower Upper
43 100
61 13.3 10.3 15.5
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 50.713 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

Tgt Ion: 117 Resp: 119629
Ion Ratio Lower Upper
117 100
119 97.0 75.0 112.6
121 30.1 24.3 36.5

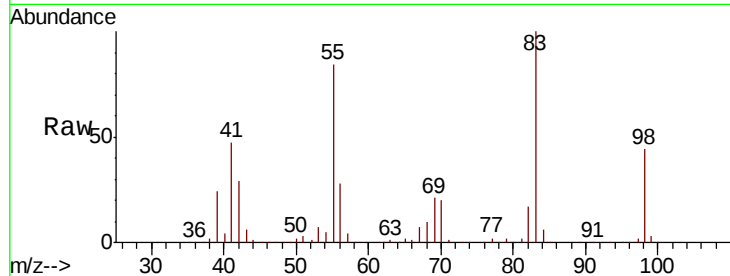




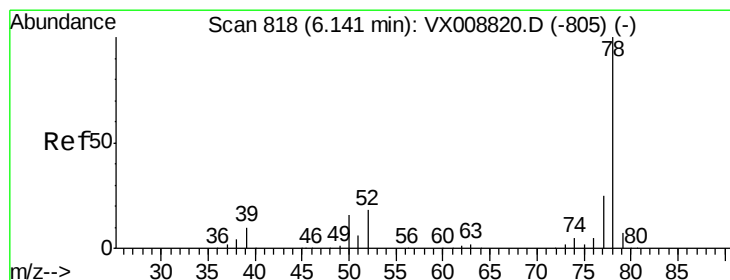
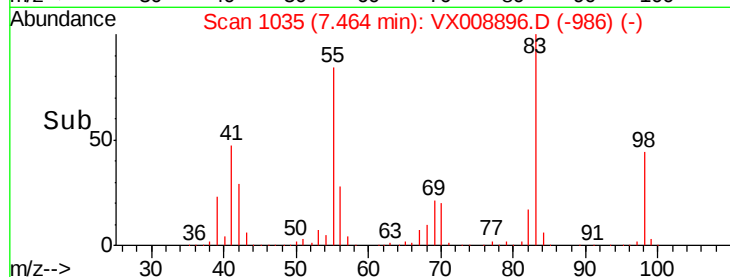
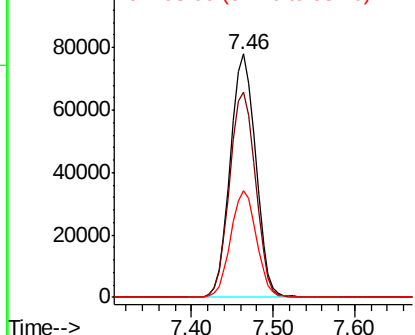
#39
Methvlcvclohexane
Concen: 47.777 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MSD

Tot Ion: 83 Resp: 168213
Ion Ratio Lower Upper
83 100
55 84.2 69.0 103.6
98 43.6 34.4 51.6

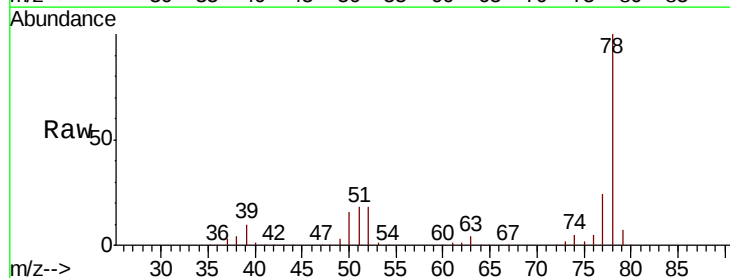


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

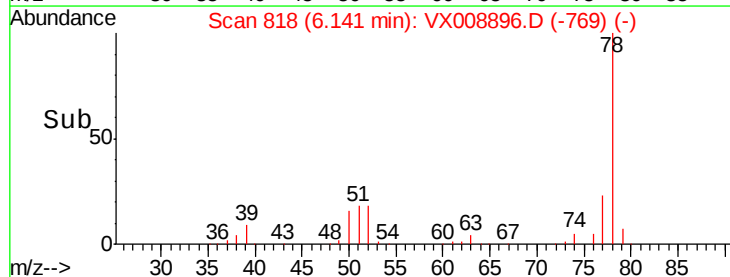
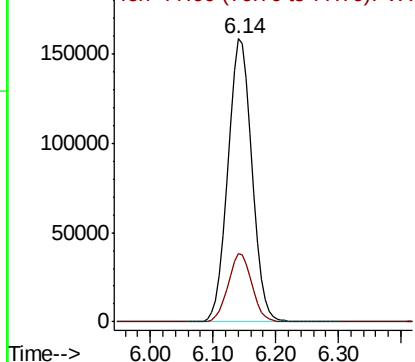


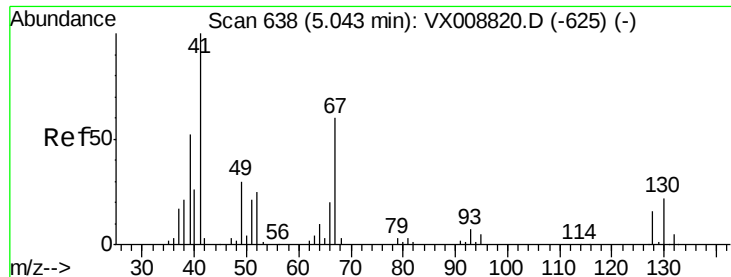
#40
Benzene
Concen: 49.511 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

Tgt Ion: 78 Resp: 420386
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7



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

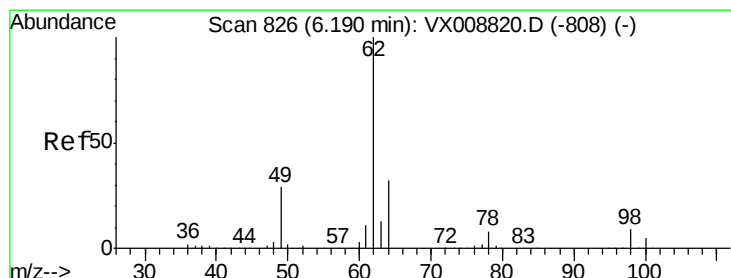
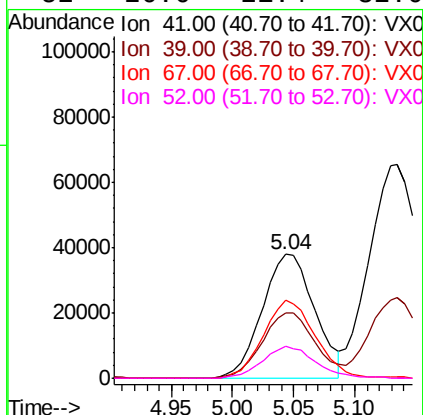
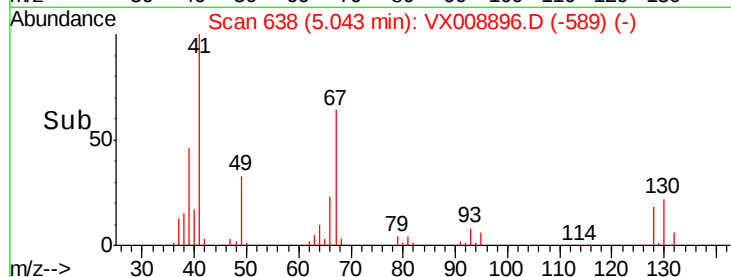
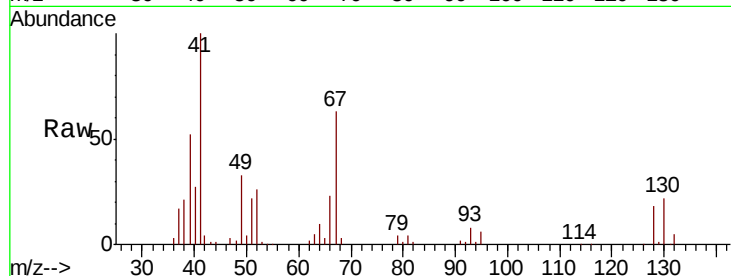




#41
Methacrylonitrile
Concen: 52.009 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

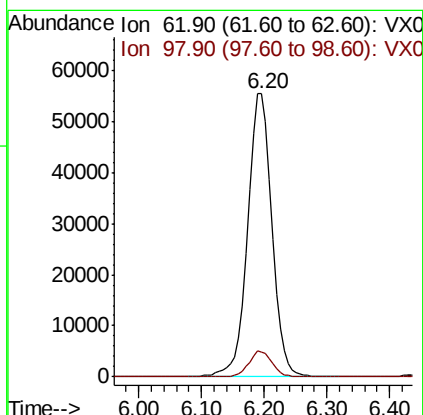
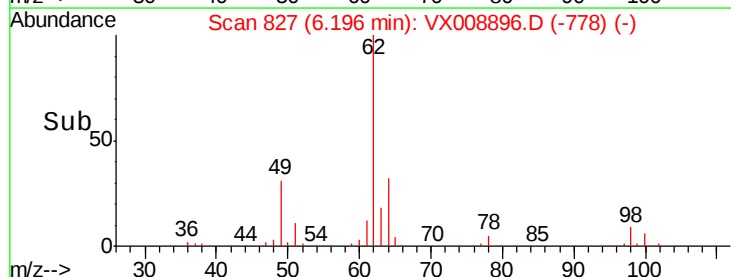
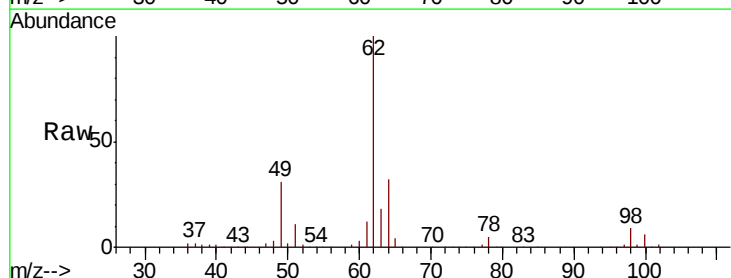
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MSD

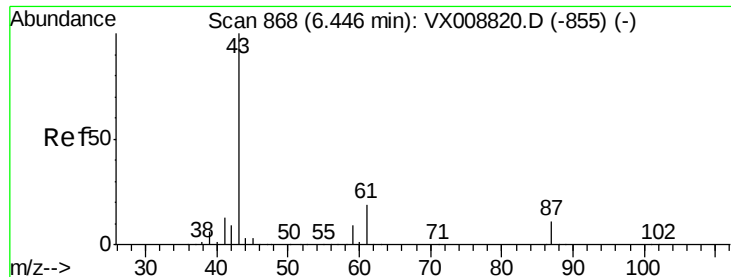
Tot Ion:	41	Resp:	113730
Ion	Ratio	Lower	Upper
41	100		
39	53.7	42.1	63.1
67	62.9	51.0	76.6
52	26.6	21.4	32.0



#42
1,2-Dichloroethane
Concen: 48.843 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

Tgt Ion:	62	Resp:	148677
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0



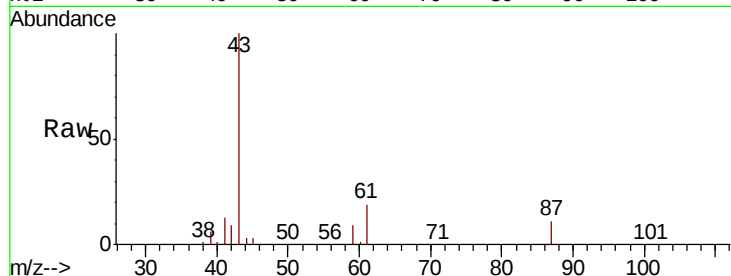


#43

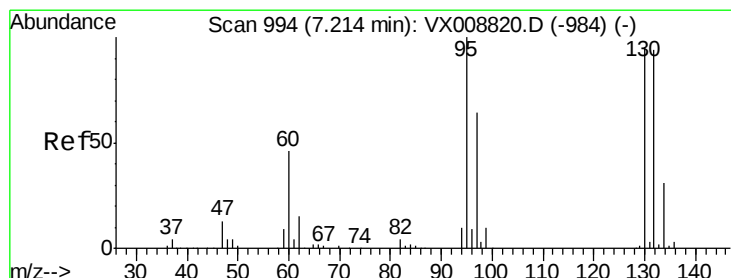
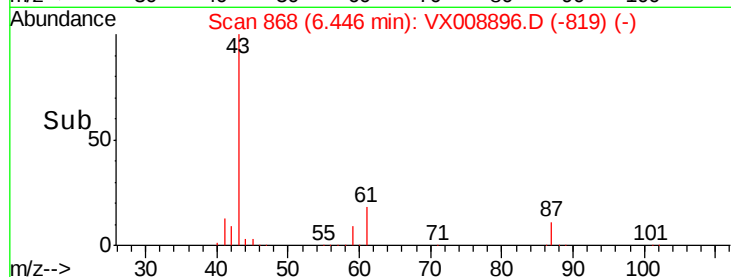
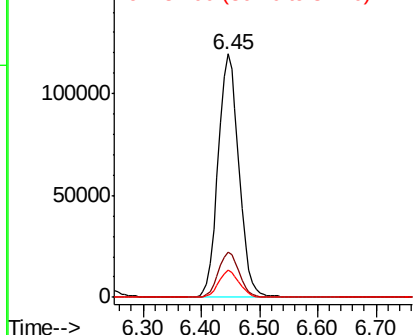
Isopropyl Acetate
 Concen: 49.427 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MSD

Tot Ion: 43 Resp: 294559
 Ion Ratio Lower Upper
 43 100
 61 18.8 15.3 22.9
 87 11.0 9.0 13.6



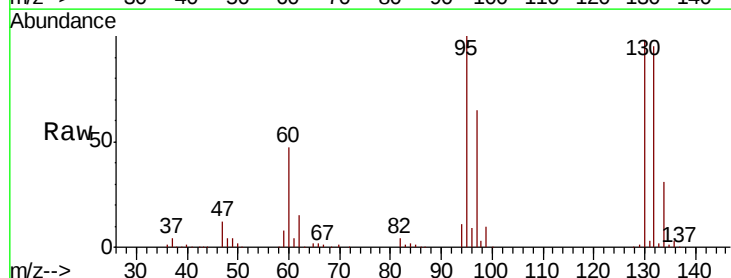
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



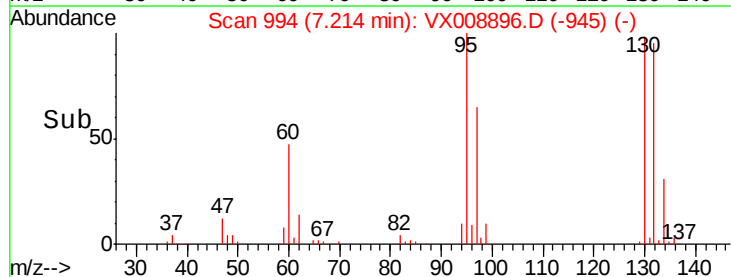
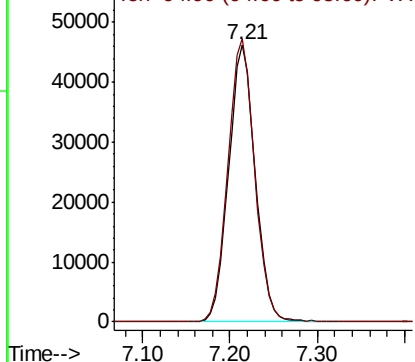
#44

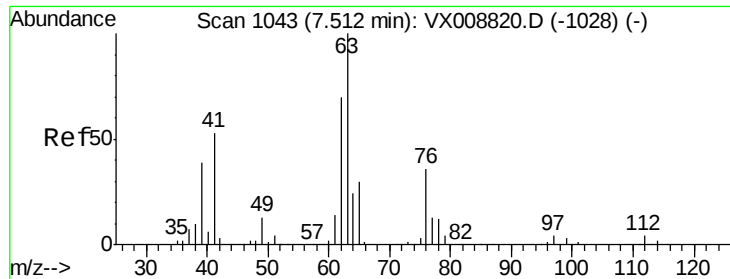
Trichloroethene
 Concen: 49.529 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

Tgt Ion:130 Resp: 97946
 Ion Ratio Lower Upper
 130 100
 95 102.1 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: 48.904 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

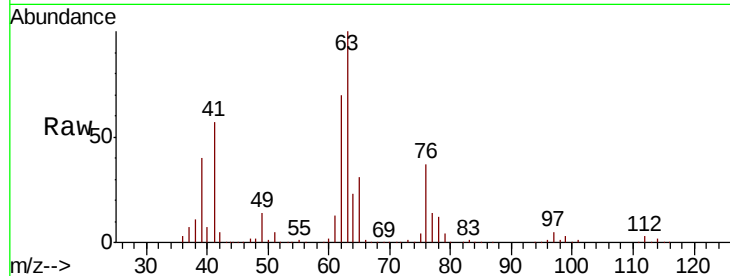
SA-PZ118I-20190409MSD

Tot Ion: 63 Resp: 118517

Ion Ratio Lower Upper

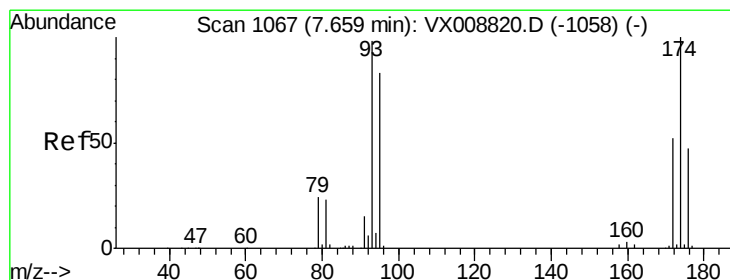
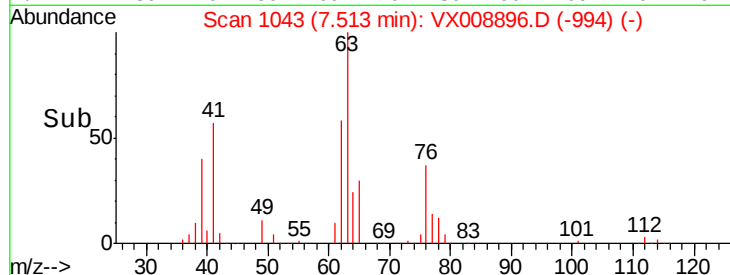
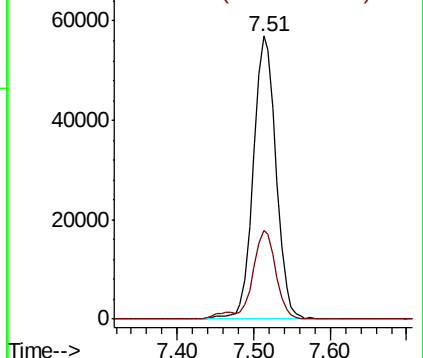
63 100

65 31.4 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.352 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

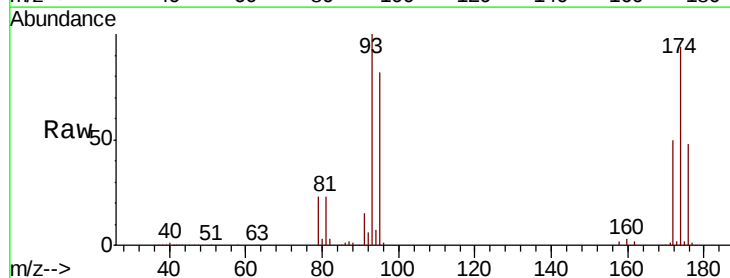
Tgt Ion: 93 Resp: 67963

Ion Ratio Lower Upper

93 100

95 82.9 66.6 99.8

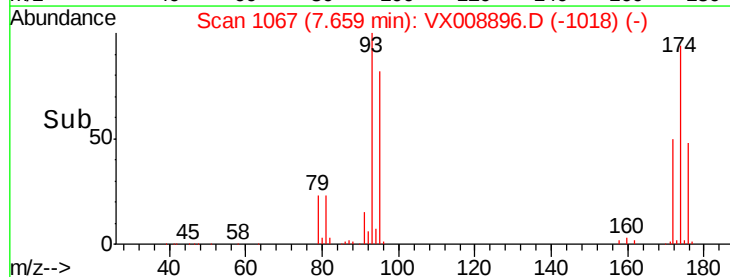
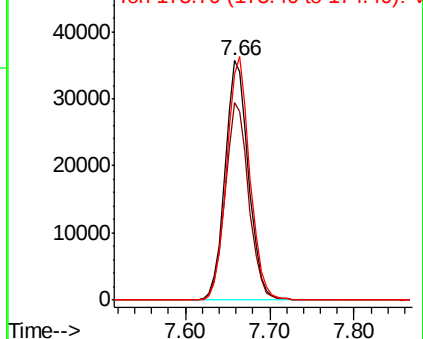
174 100.2 77.7 116.5

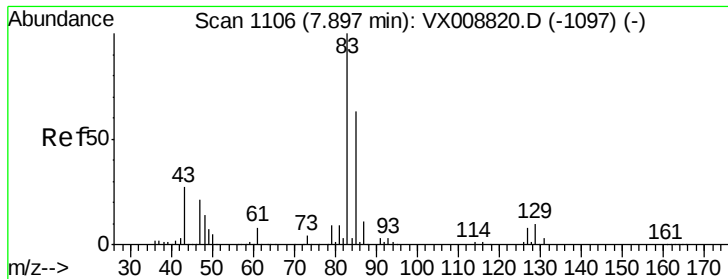


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.570 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MSD

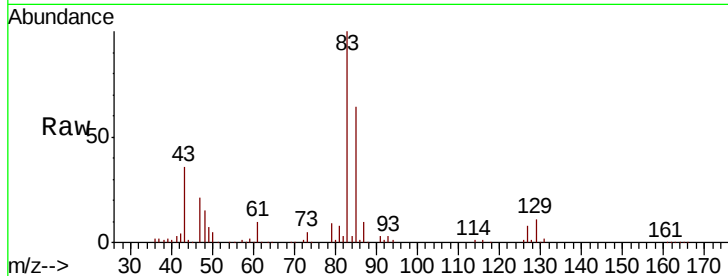
Tot Ion: 83 Resp: 134021

Ion Ratio Lower Upper

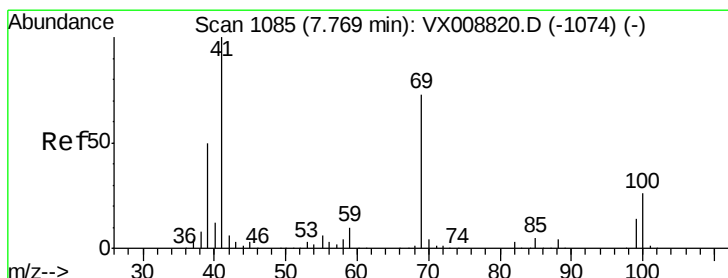
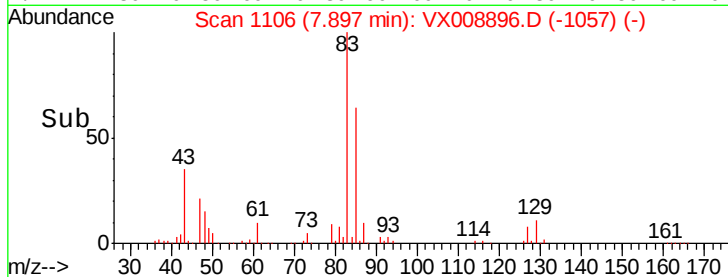
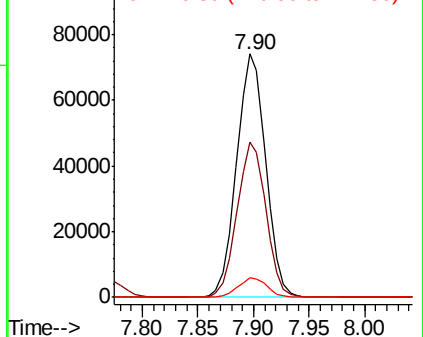
83 100

85 63.6 51.2 76.8

127 8.1 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: 52.786 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

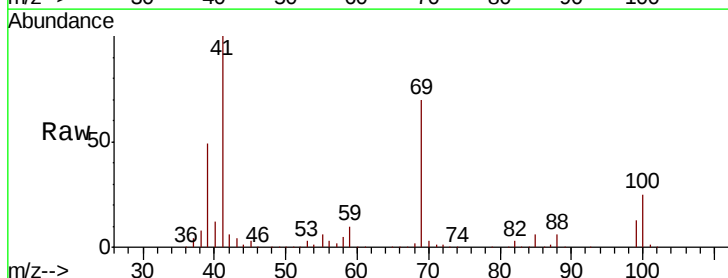
Tgt Ion: 41 Resp: 159127

Ion Ratio Lower Upper

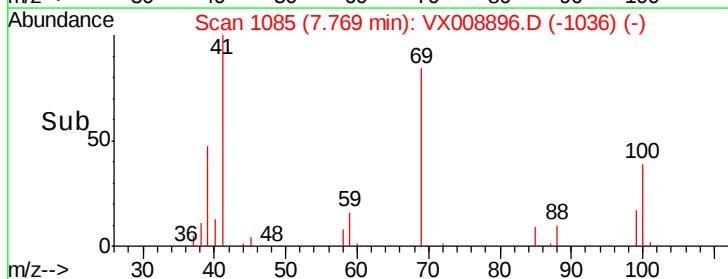
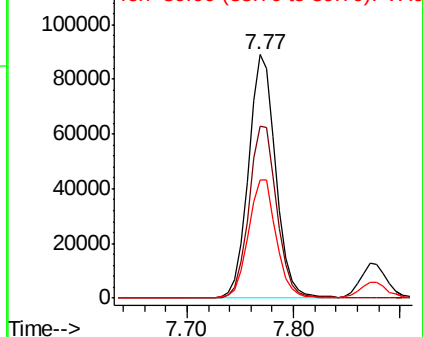
41 100

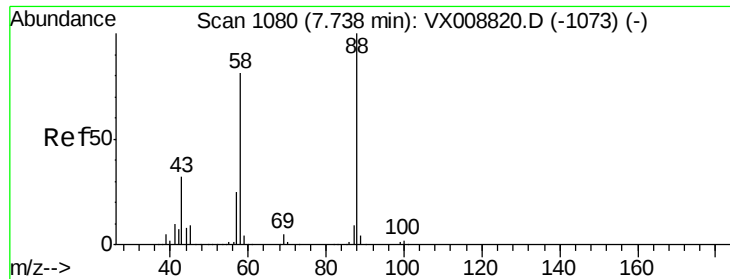
69 72.8 59.0 88.4

39 49.8 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

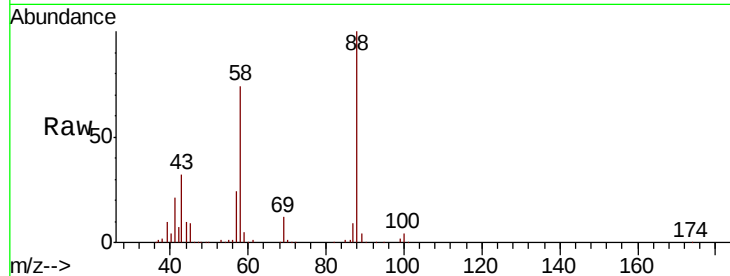




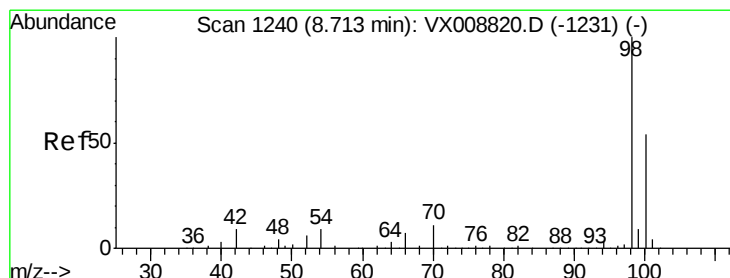
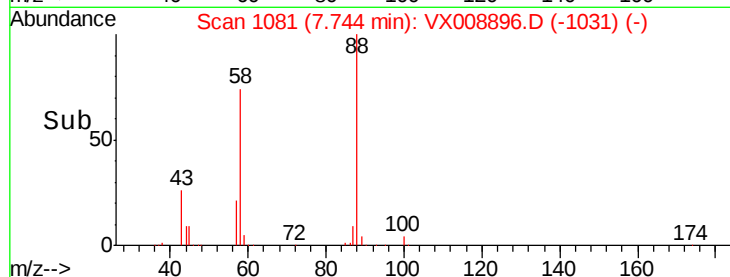
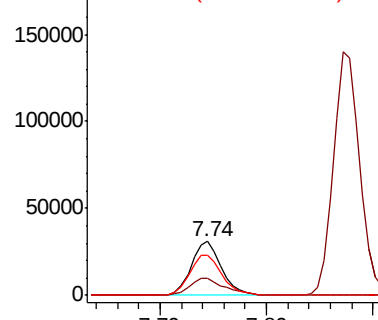
#49
1,4-Dioxane
Concen: 1079.019 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MSD

Tot Ion: 88 Resp: 60934
Ion Ratio Lower Upper
88 100
43 36.6 28.6 43.0
58 80.4 62.2 93.2

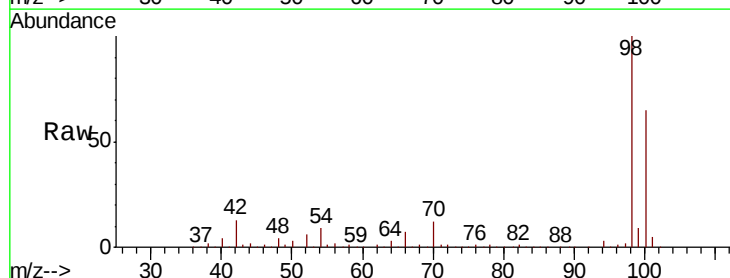


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

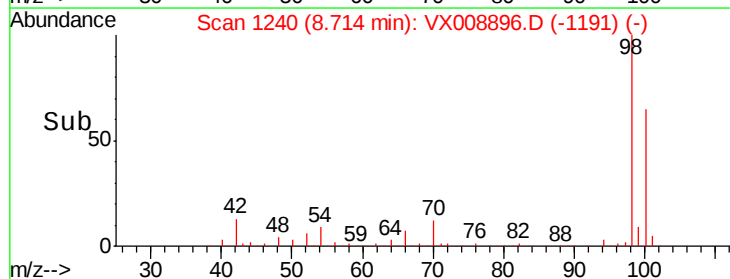
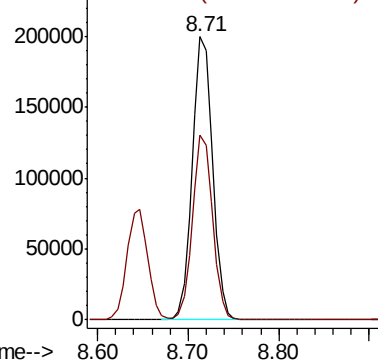


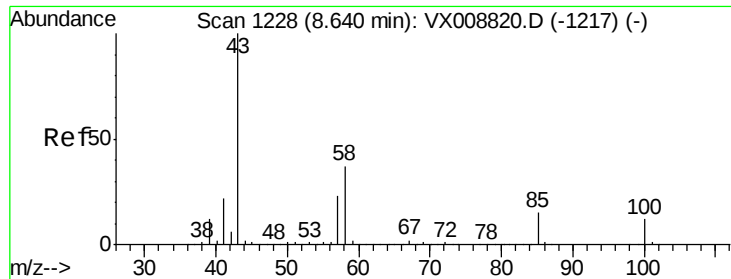
#50
Toluene-d8
Concen: 47.077 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

Tgt Ion: 98 Resp: 312482
Ion Ratio Lower Upper
98 100
100 64.8 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: 268.491 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

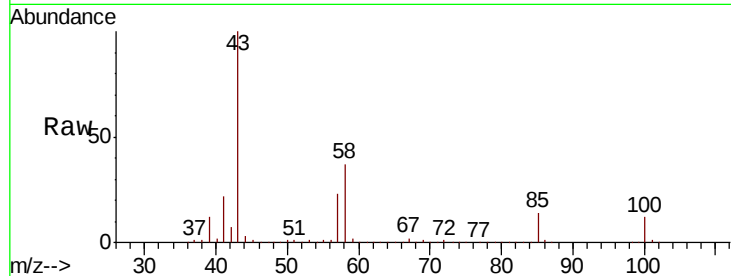
SA-PZ1181-20190409MSD

Tot Ion: 43 Resp: 1030014

Ion Ratio Lower Upper

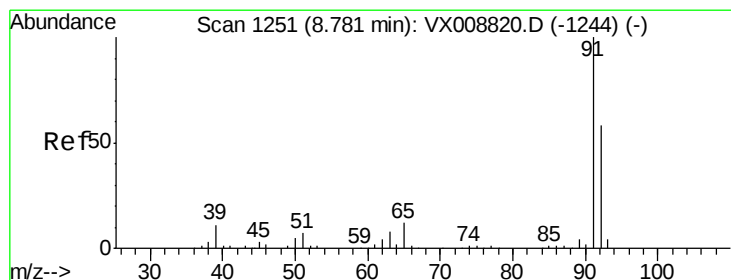
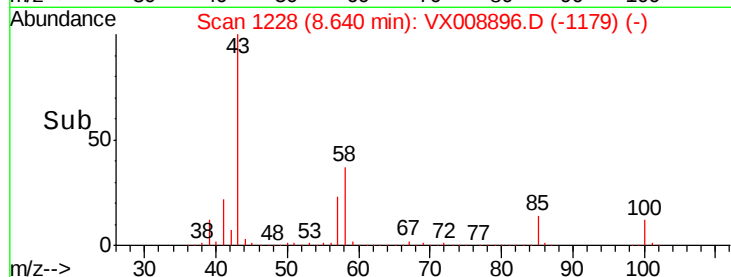
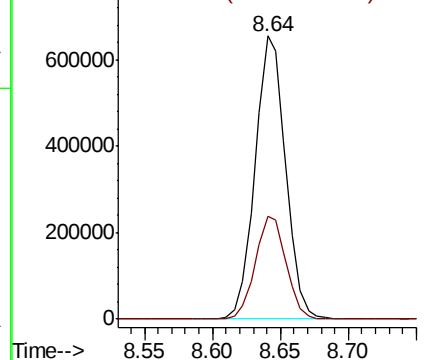
43 100

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: 50.035 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008896.D

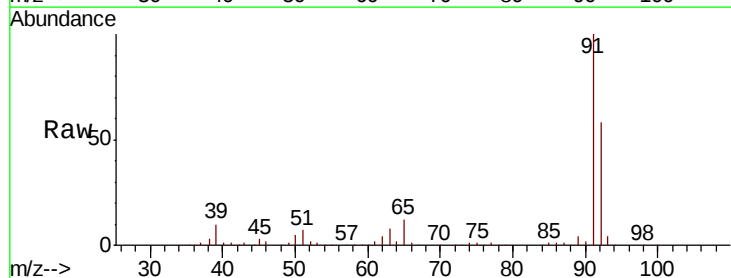
Acq: 12 Apr 2019 19:01

Tgt Ion: 92 Resp: 250466

Ion Ratio Lower Upper

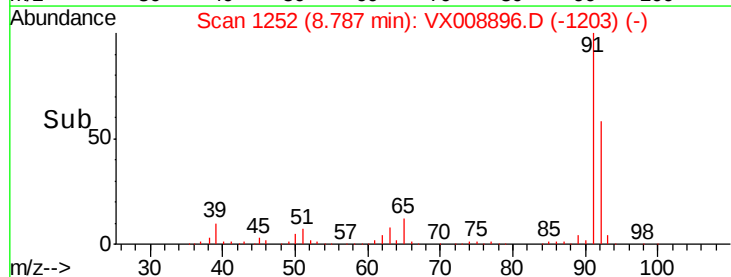
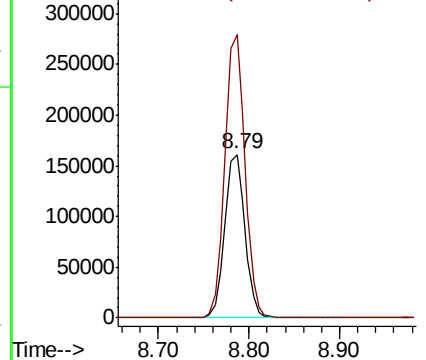
92 100

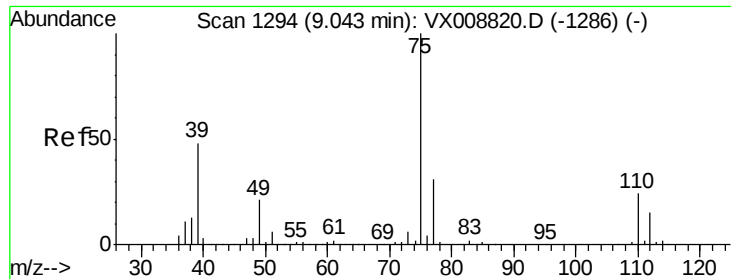
91 173.1 138.5 207.7



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: 51.745 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

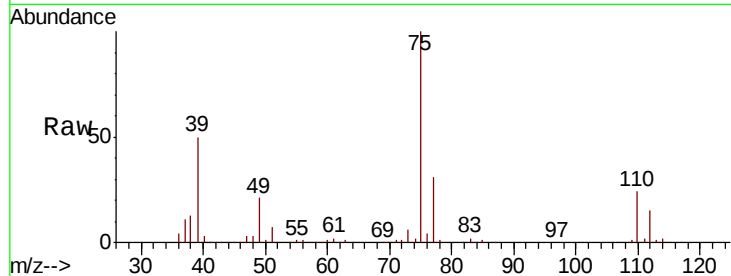
SA-PZ118I-20190409MSD

Tot Ion: 75 Resp: 153616

Ion Ratio Lower Upper

75 100

77 31.5 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

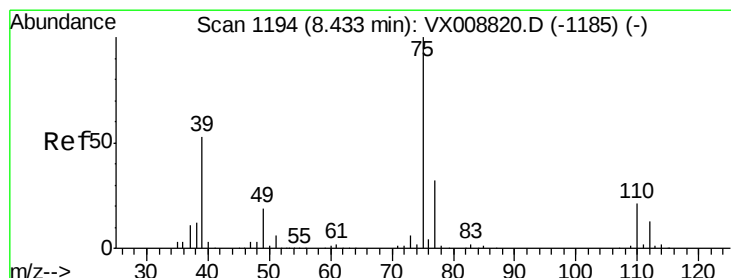
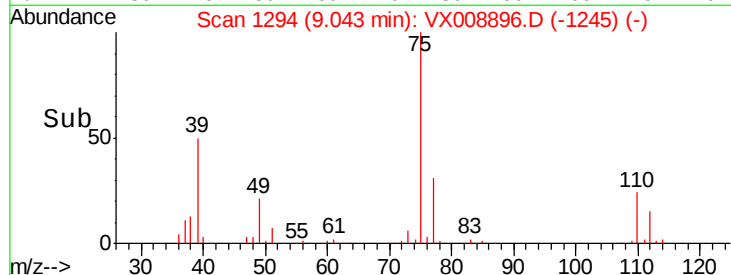
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.242 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

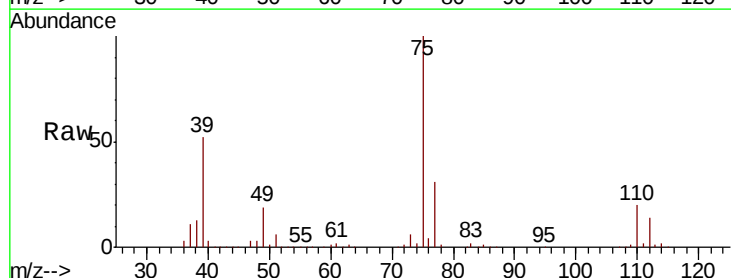
Tgt Ion: 75 Resp: 170428

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9

39 51.9 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

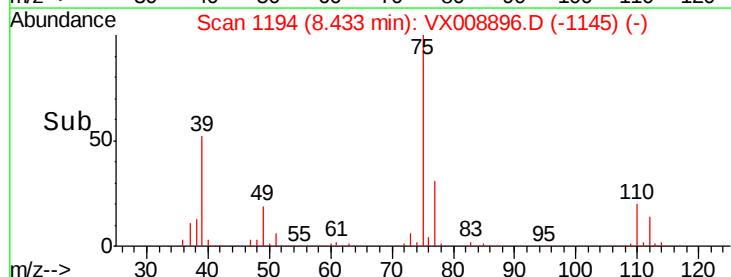
150000

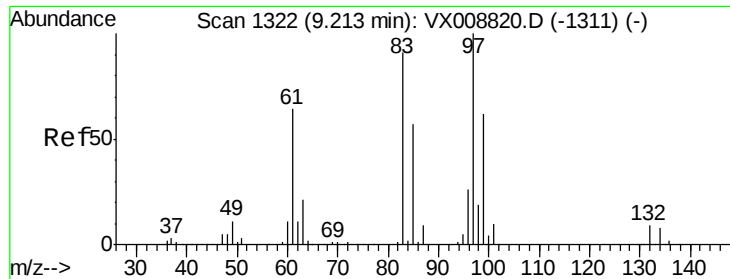
100000

50000

0

Time-->

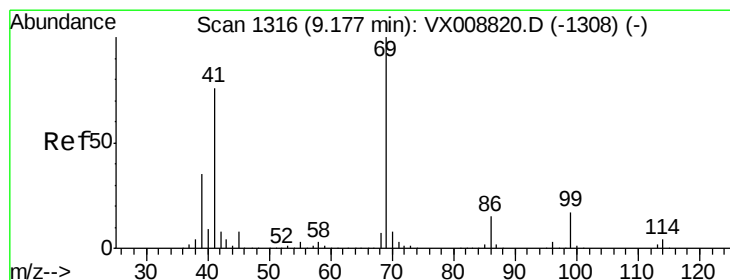
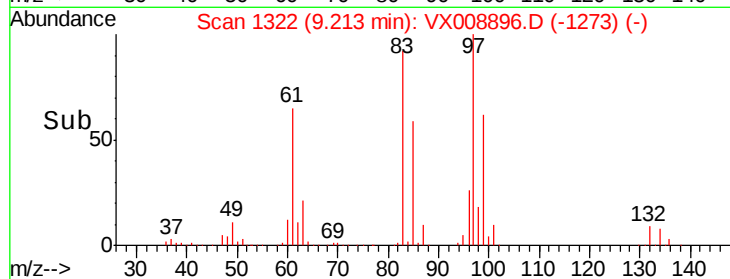
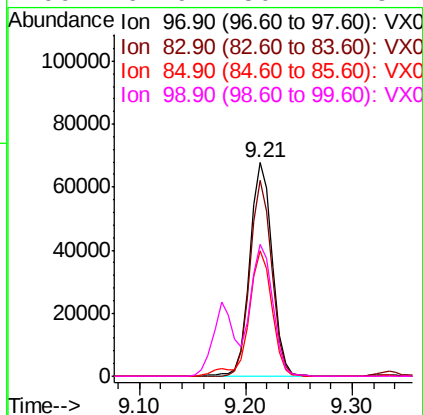
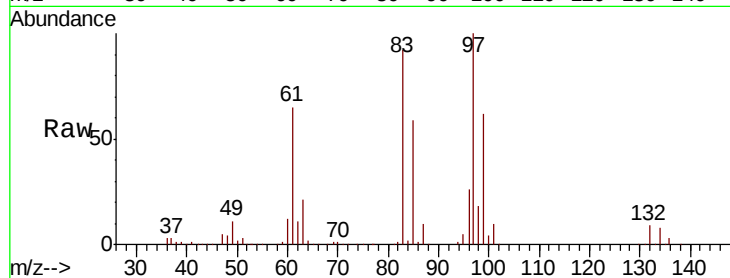




#55
 1,1,2-Trichloroethane
 Concen: 49.940 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

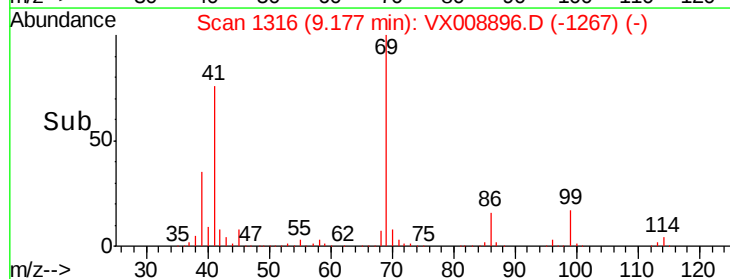
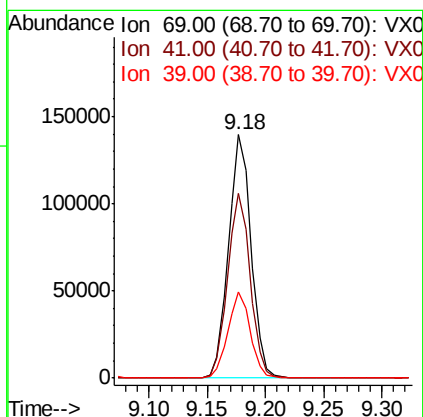
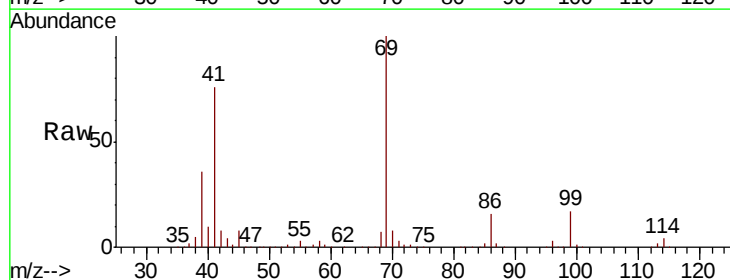
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MSD

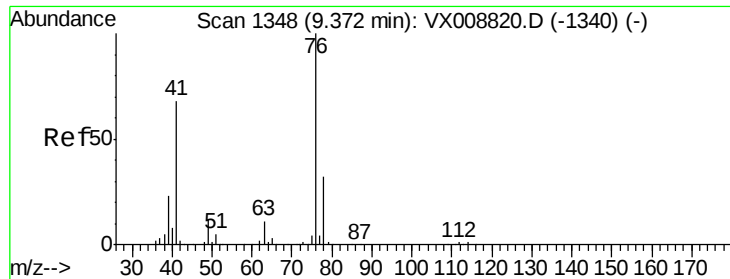
Tot Ion	97	Resp	100346
Ion Ratio	Lower	Upper	
97	100		
83	91.8	73.2	109.8
85	58.6	46.6	69.8
99	61.9	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 51.857 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

Tgt Ion	69	Resp	188531
Ion Ratio	Lower	Upper	
69	100		
41	75.8	60.1	90.1
39	34.8	28.9	43.3





#57

1,3-Dichloropropane

Concen: 49.889 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

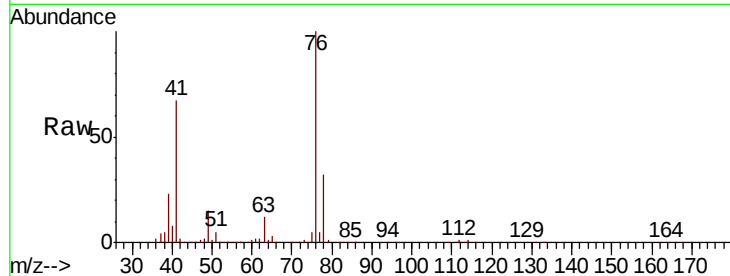
SA-PZ118I-20190409MSD

Tot Ion: 76 Resp: 180006

Ion Ratio Lower Upper

76 100

78 31.8 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

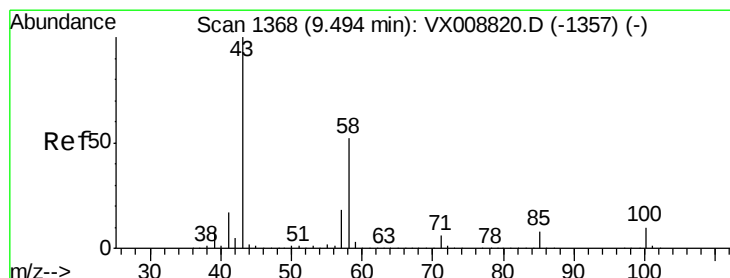
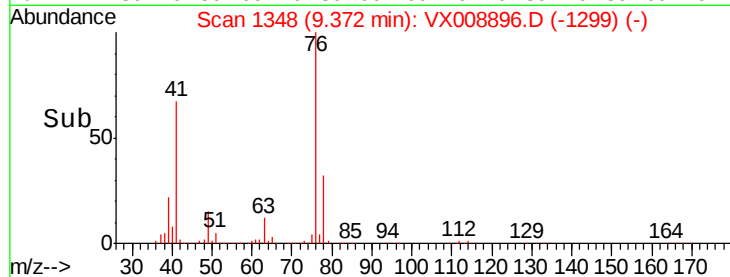
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#59

2-Hexanone

Concen: 263.215 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX008896.D

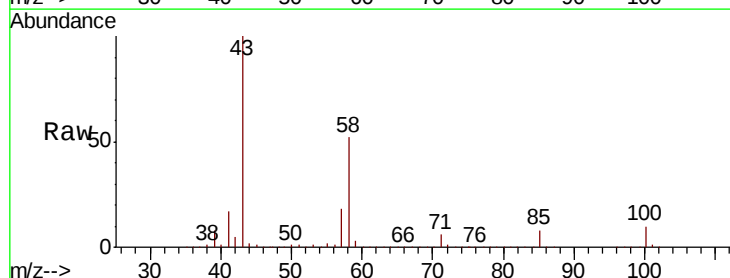
Acq: 12 Apr 2019 19:01

Tgt Ion: 43 Resp: 784744

Ion Ratio Lower Upper

43 100

58 51.5 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

600000

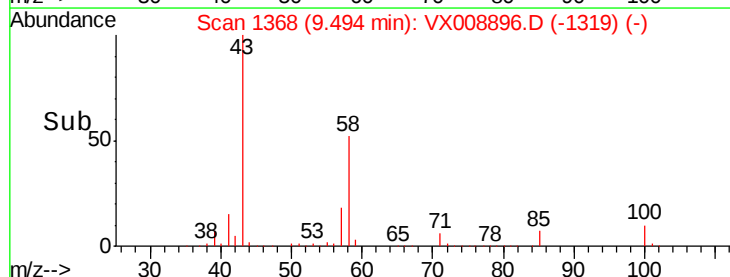
400000

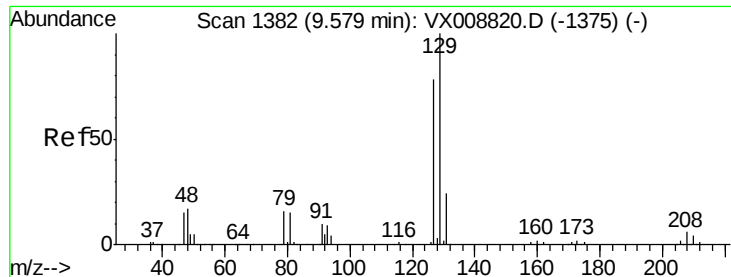
200000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 51.972 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

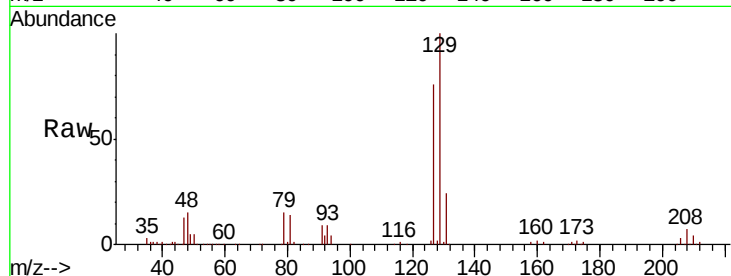
SA-PZ118I-20190409MSD

Tot Ion:129 Resp: 98406

Ion Ratio Lower Upper

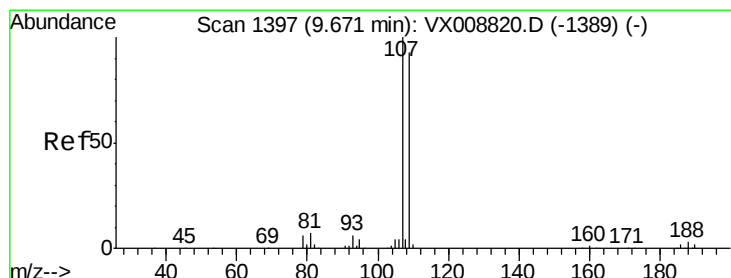
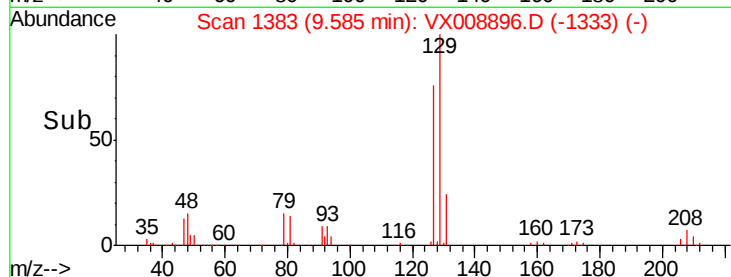
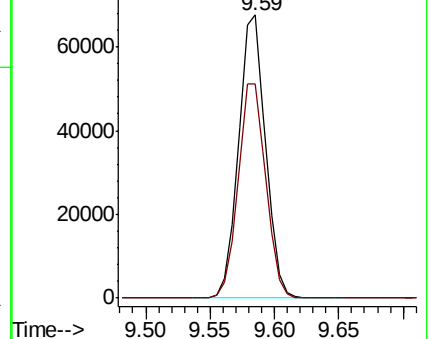
129 100

127 77.7 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: 49.783 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008896.D

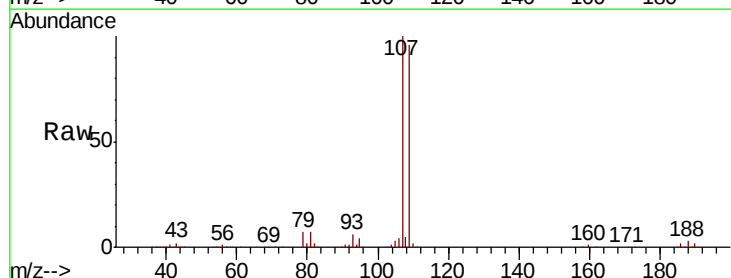
Acq: 12 Apr 2019 19:01

Tgt Ion:107 Resp: 104136

Ion Ratio Lower Upper

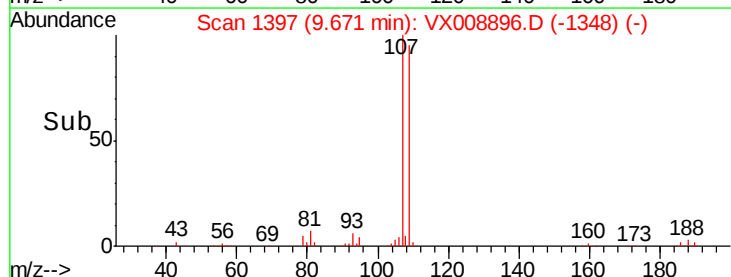
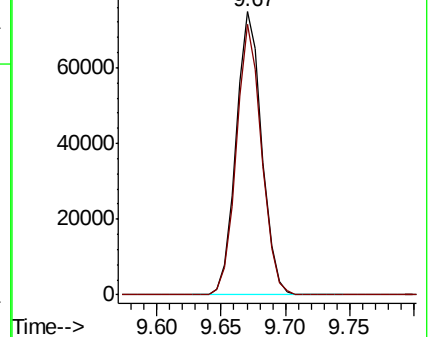
107 100

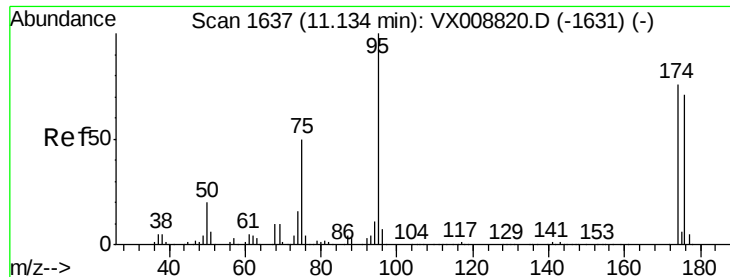
109 93.9 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 47.436 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MSD

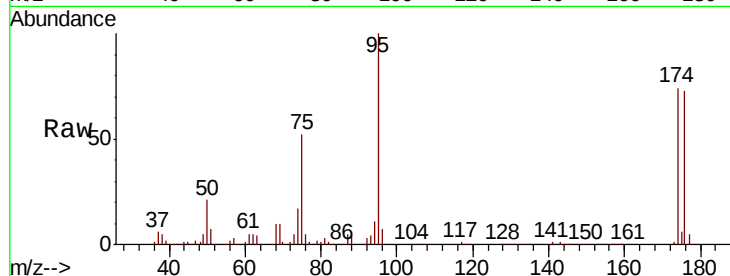
Tot Ion: 95 Resp: 111658

Ion Ratio Lower Upper

95 100

174 79.0 0.0 151.8

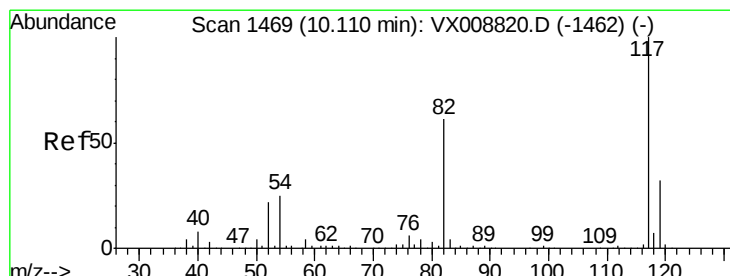
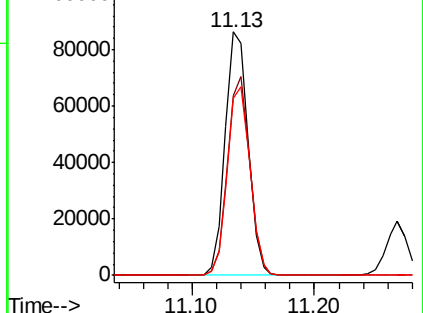
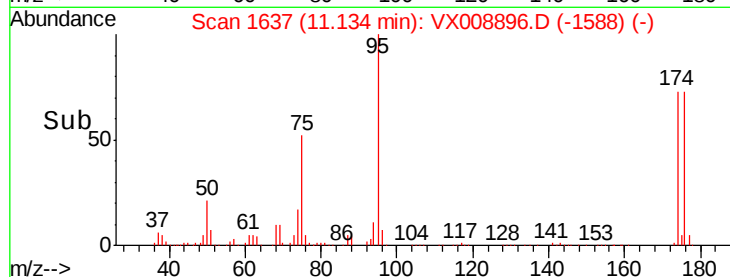
176 76.9 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008896.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008896.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008896.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

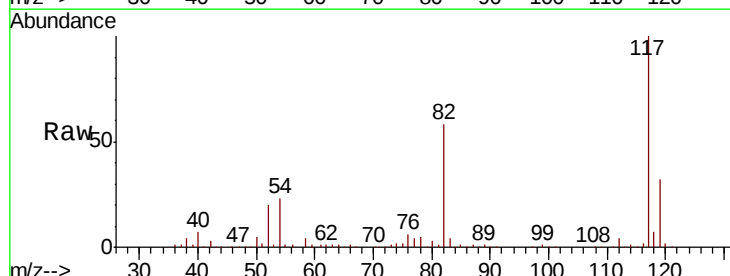
Tgt Ion: 117 Resp: 231166

Ion Ratio Lower Upper

117 100

82 58.4 49.6 74.4

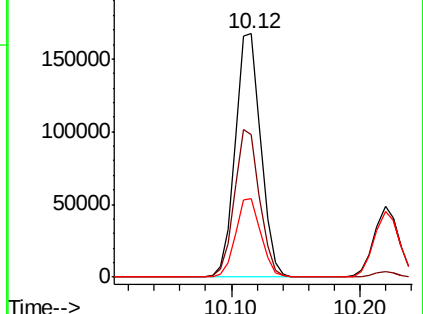
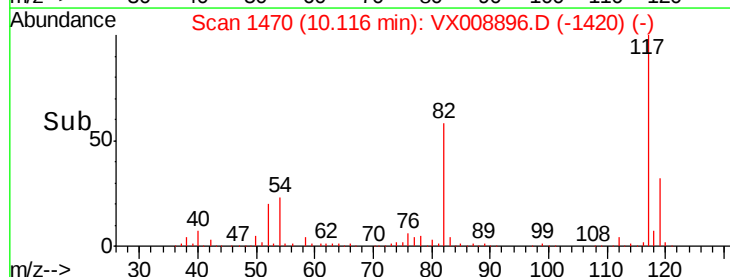
119 32.3 25.0 37.4

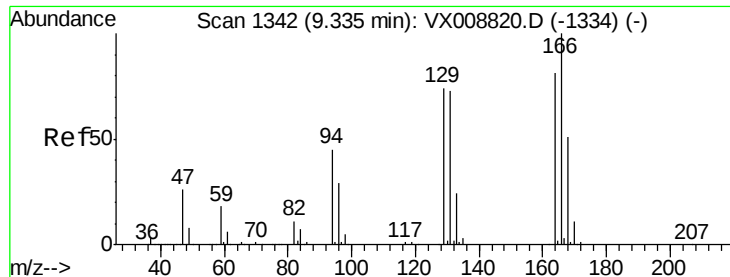


Abundance Ion 116.90 (116.60 to 117.60): VX008896.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008896.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008896.D (-1420) (-)





#64

Tetrachloroethene

Concen: 50.179 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MSD

Tot Ion:164 Resp: 85941

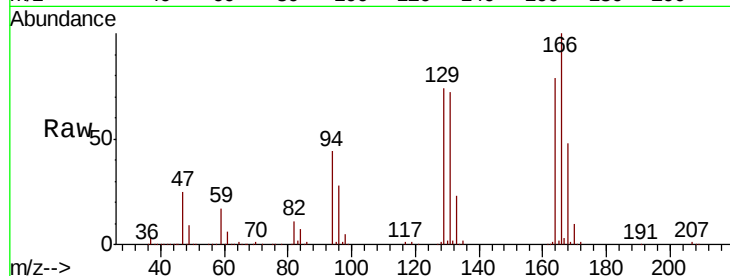
Ion Ratio Lower Upper

164 100

166 127.2 101.0 151.6

129 94.2 75.8 113.8

131 91.4 71.8 107.8

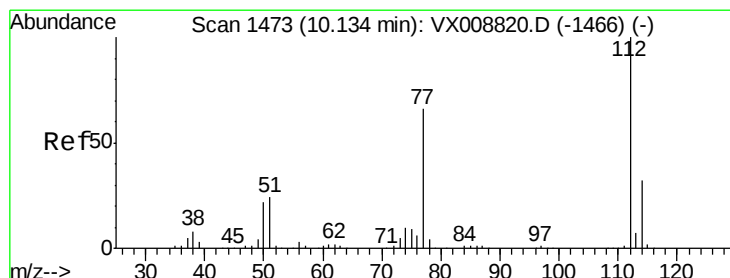
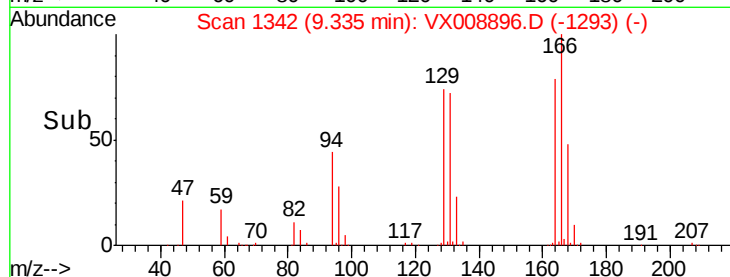
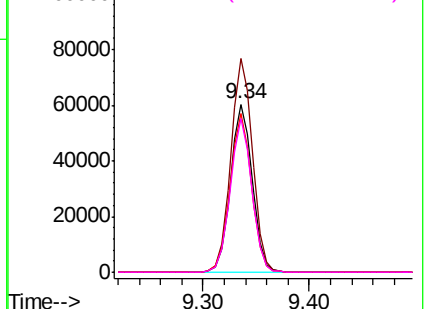


Abundance Ion 163.80 (163.50 to 164.50): V

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: 49.053 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX008896.D

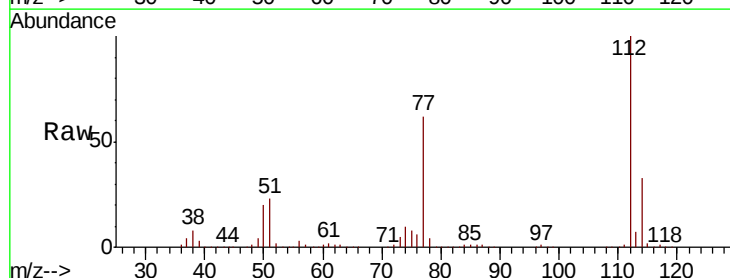
Acq: 12 Apr 2019 19:01

Tgt Ion:112 Resp: 251360

Ion Ratio Lower Upper

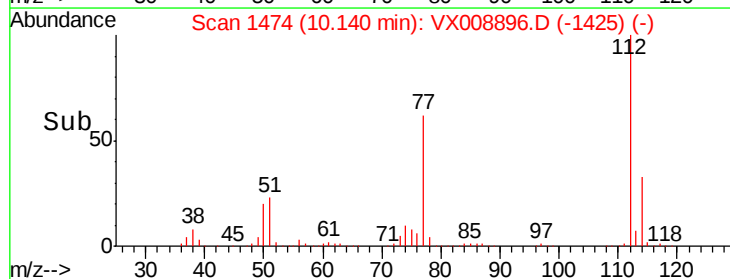
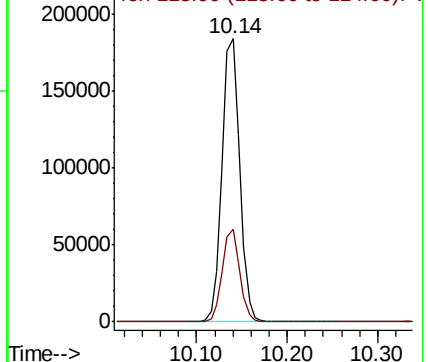
112 100

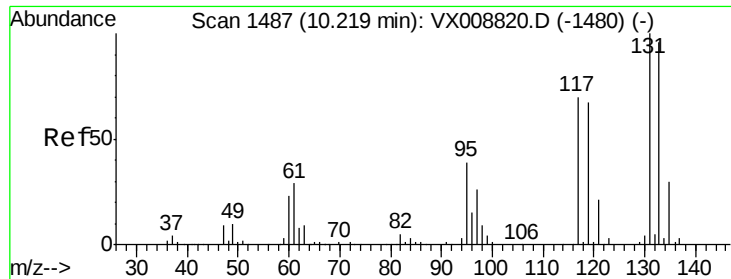
114 32.6 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

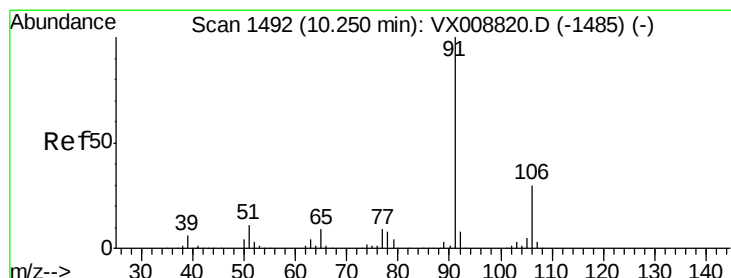
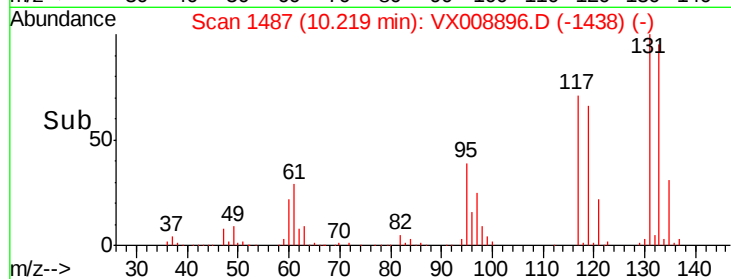
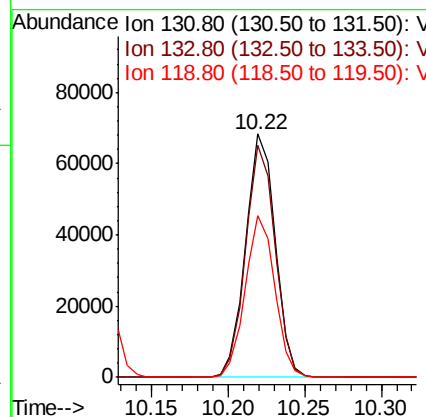
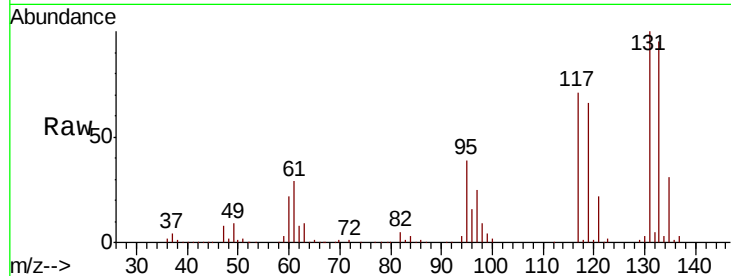




#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.178 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

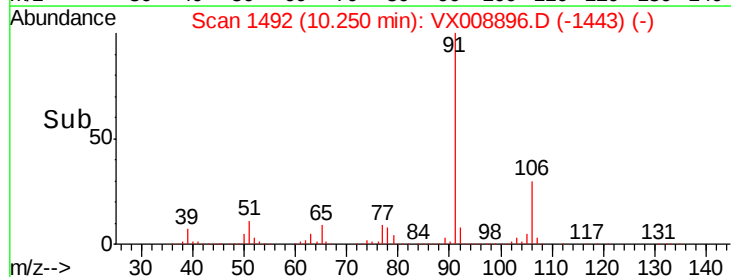
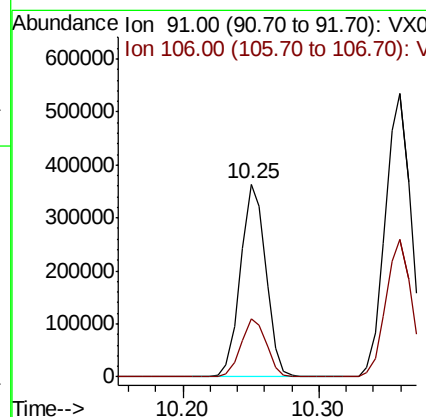
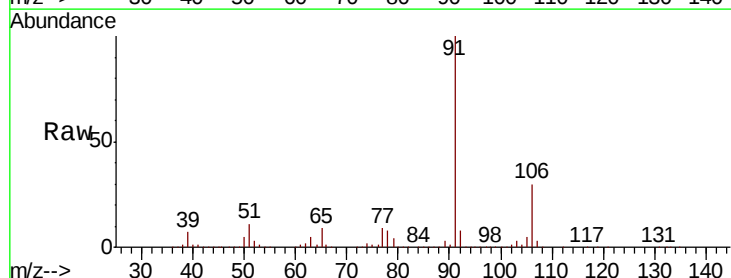
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MSD

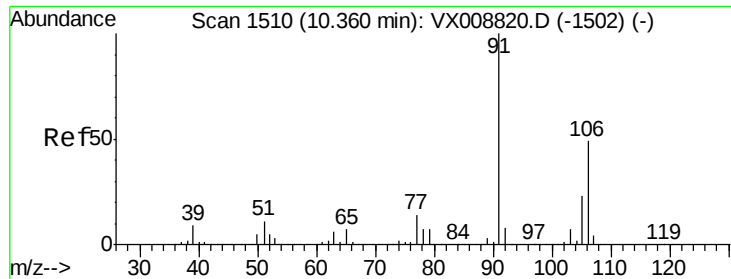
Tot Ion:131 Resp: 92001
 Ion Ratio Lower Upper
 131 100
 133 95.2 47.0 141.2
 119 66.0 33.7 101.0



#67
 Ethyl Benzene
 Concen: 49.440 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

Tgt Ion: 91 Resp: 472399
 Ion Ratio Lower Upper
 91 100
 106 30.0 23.7 35.5

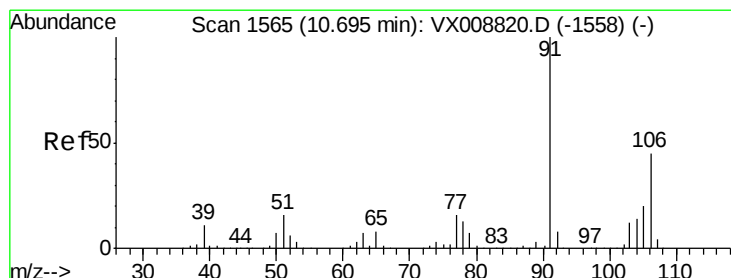
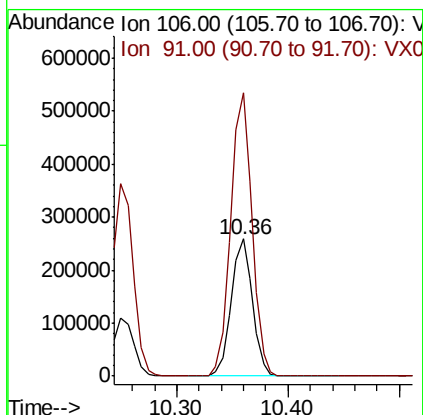
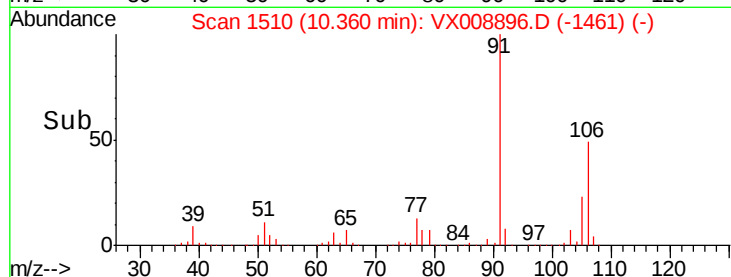
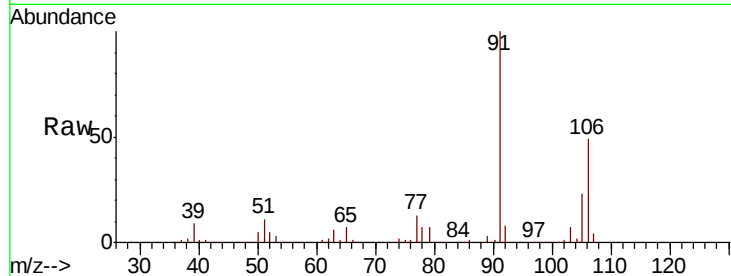




#68
m/p-Xylenes
Concen: 98.862 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

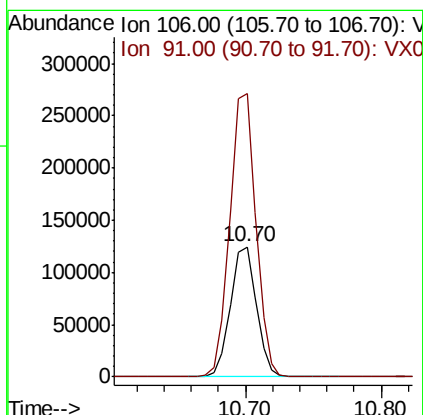
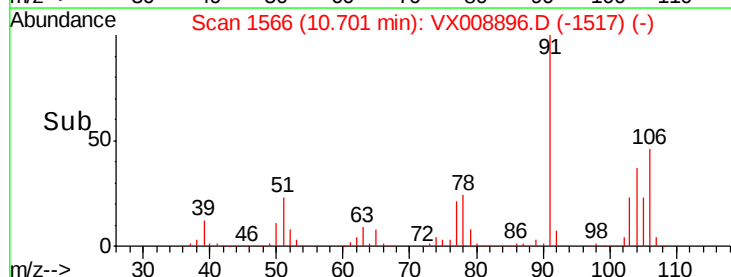
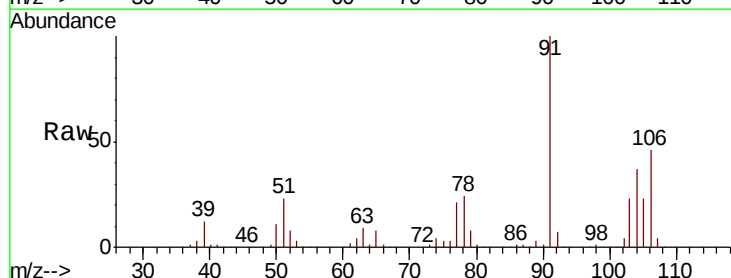
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MSD

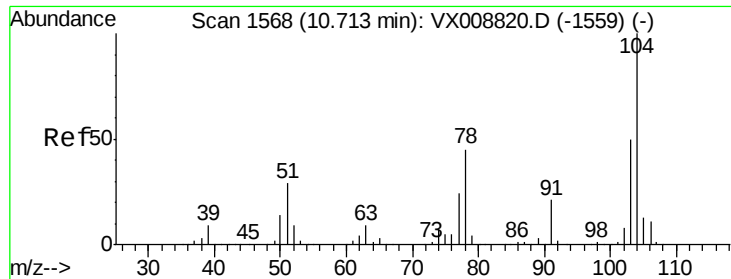
Tot Ion:106 Resp: 339643
Ion Ratio Lower Upper
106 100
91 208.3 168.5 252.7



#69
o-Xylene
Concen: 49.692 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

Tgt Ion:106 Resp: 165446
Ion Ratio Lower Upper
106 100
91 219.5 111.5 334.4

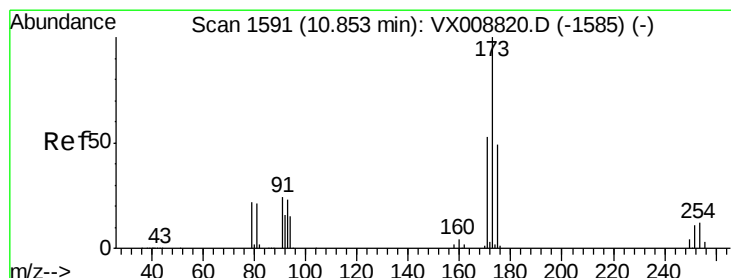
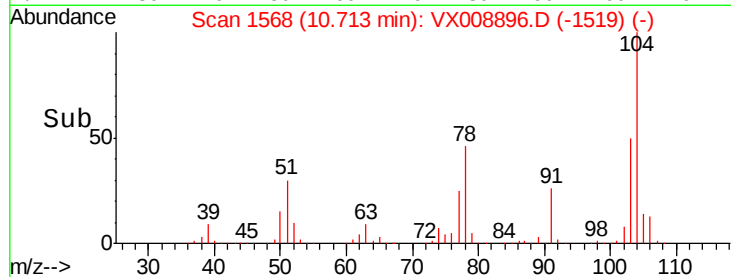
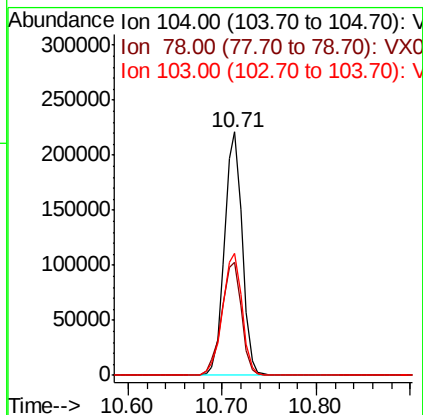
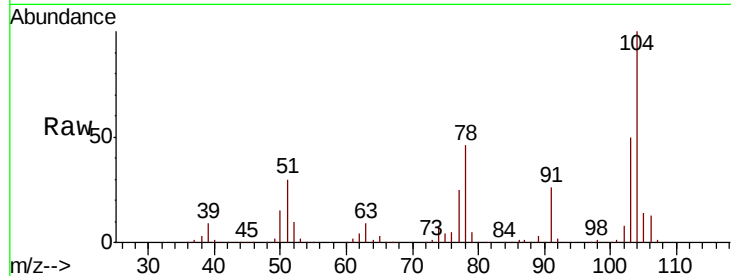




#70
Stvrene
Concen: 50.220 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

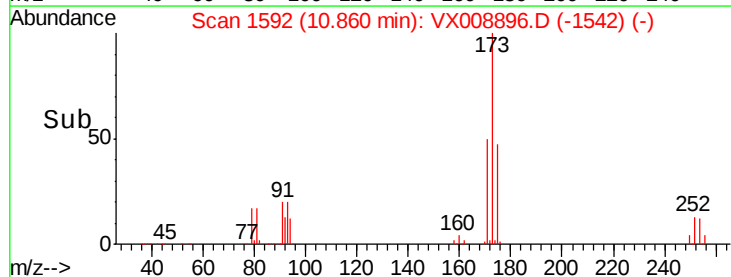
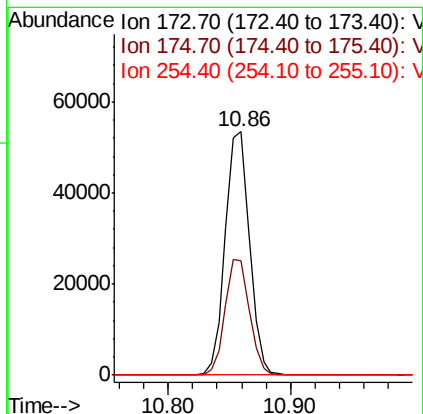
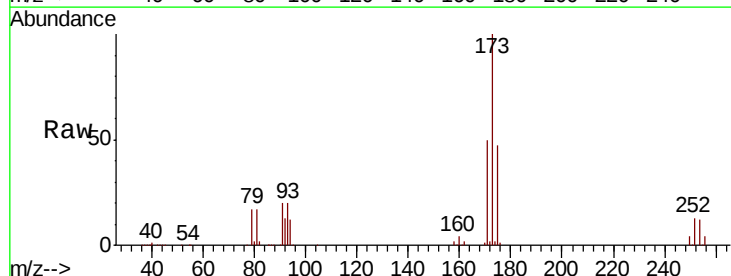
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MSD

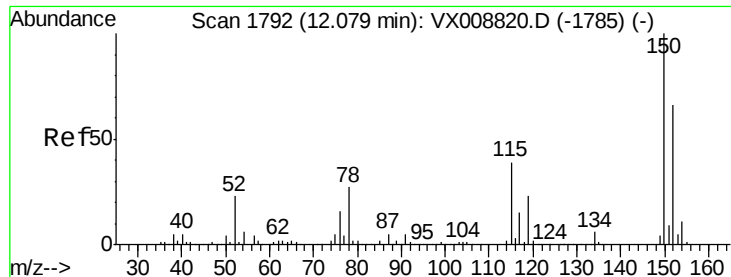
Tot Ion:104 Resp: 288221
Ion Ratio Lower Upper
104 100
78 52.0 42.3 63.5
103 55.2 44.4 66.6



#71
Bromoform
Concen: 53.415 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

Tgt Ion:173 Resp: 73337
Ion Ratio Lower Upper
173 100
175 47.9 24.9 74.6
254 0.2 0.1 0.1#



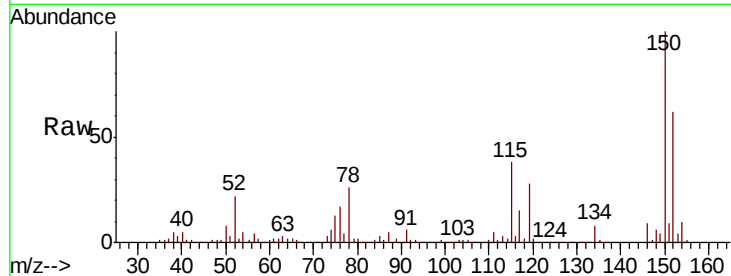


#72

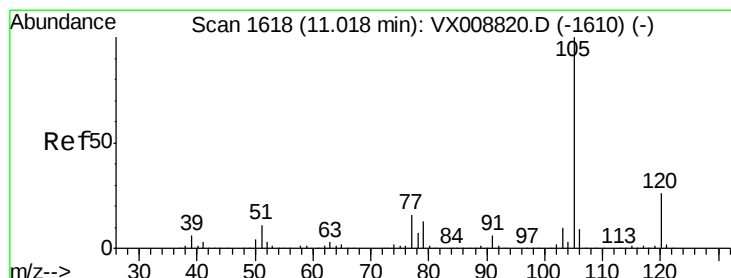
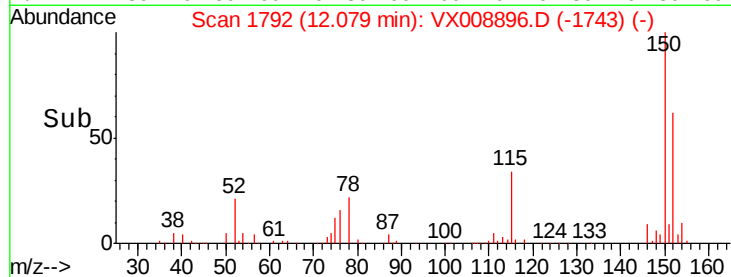
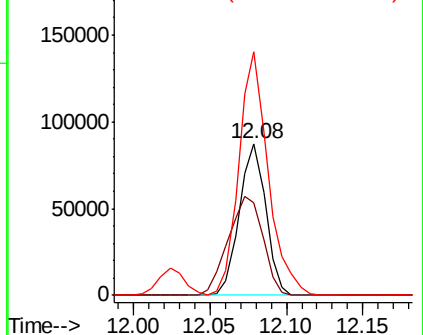
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MSD

Tot Ion:152 Resp: 105269
Ion Ratio Lower Upper
152 100
115 85.5 43.5 130.5
150 176.0 0.0 348.8



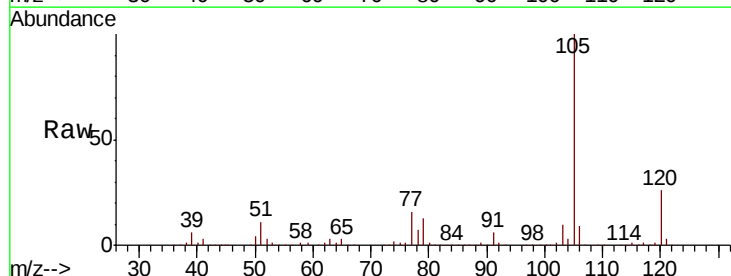
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



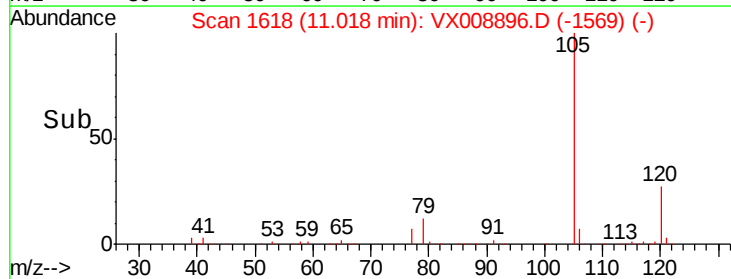
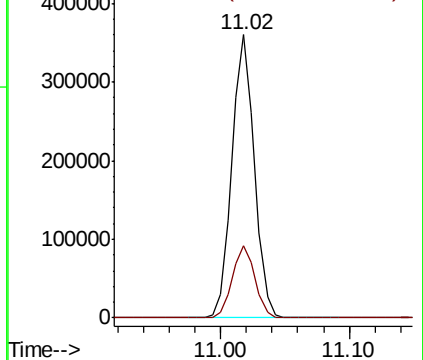
#73

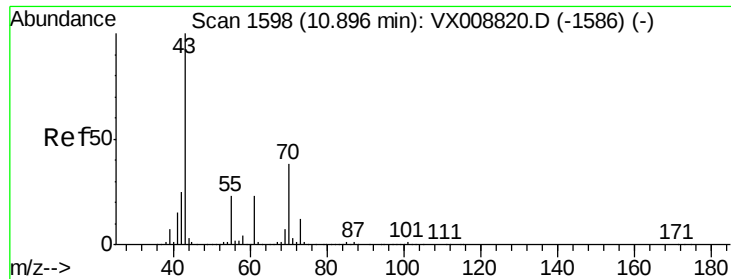
Isopropylbenzene
Concen: 50.361 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008896.D
Acq: 12 Apr 2019 19:01

Tgt Ion:105 Resp: 439348
Ion Ratio Lower Upper
105 100
120 25.6 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: 45.319 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MSD

Tot Ion: 43 Resp: 232608

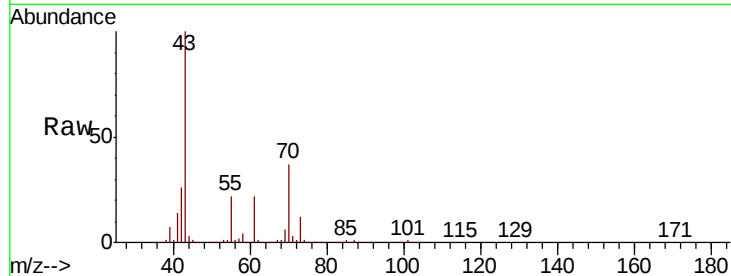
Ion Ratio Lower Upper

43 100

70 37.0 30.2 45.4

55 22.6 18.2 27.4

61 22.7 18.6 28.0



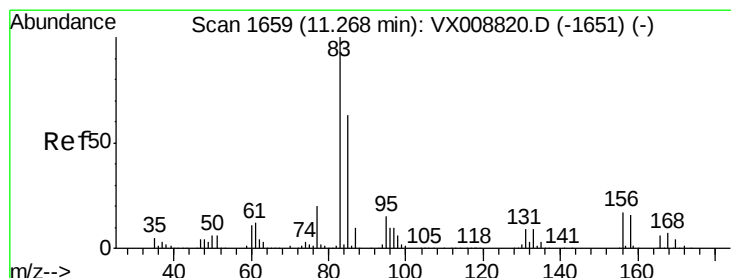
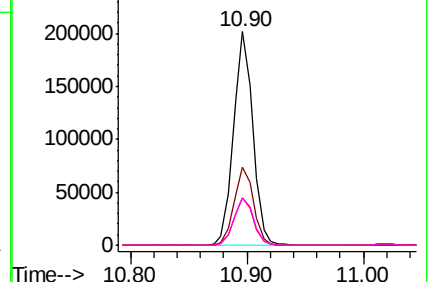
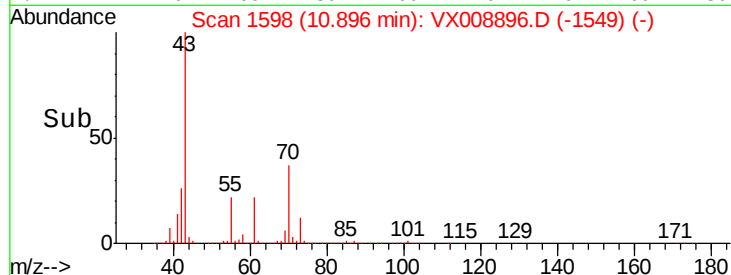
Abundance

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: 48.544 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

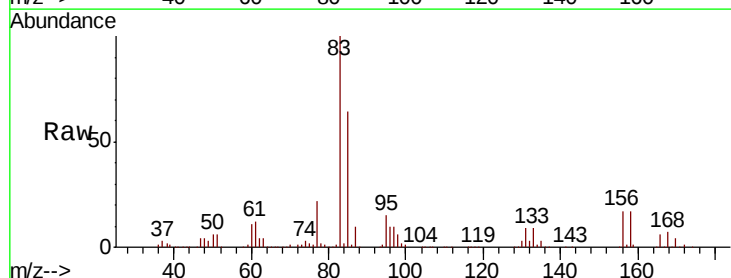
Tgt Ion: 83 Resp: 161062

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

85 64.0 32.0 96.2

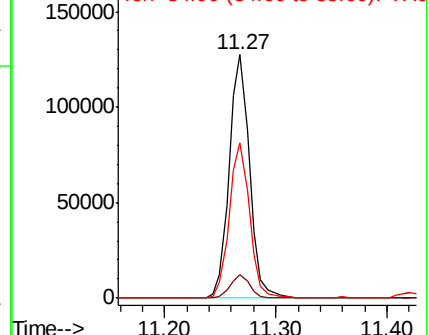
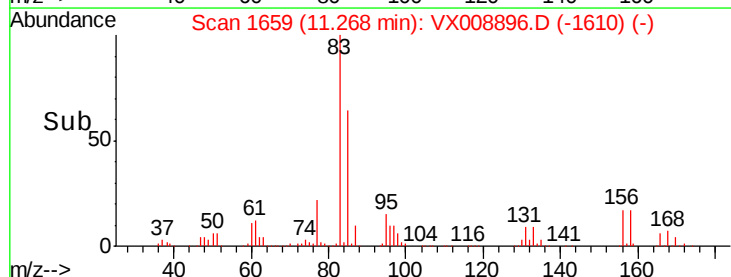


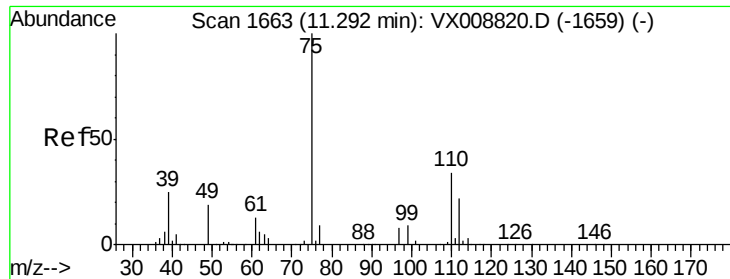
Abundance

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

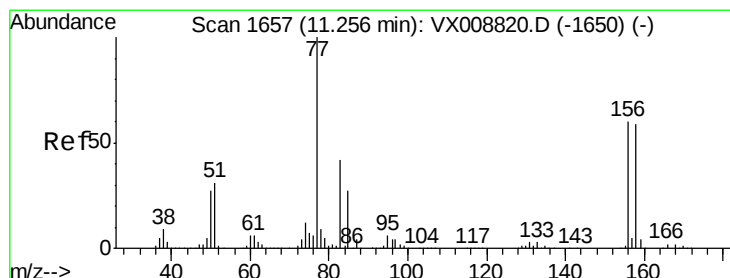
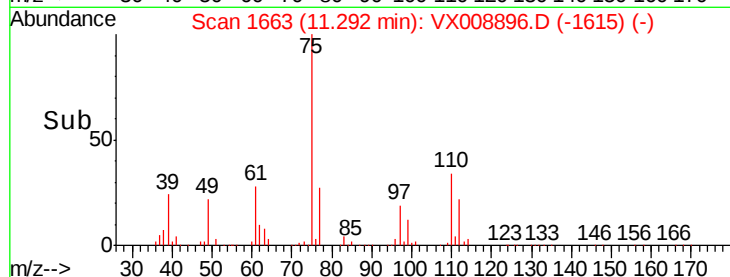
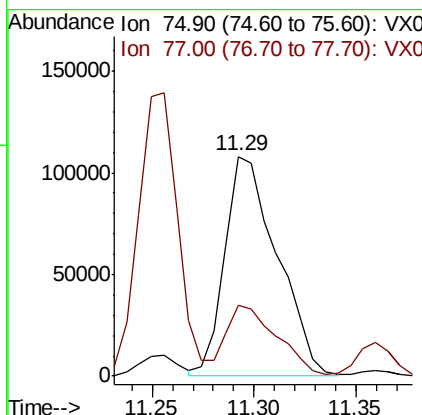
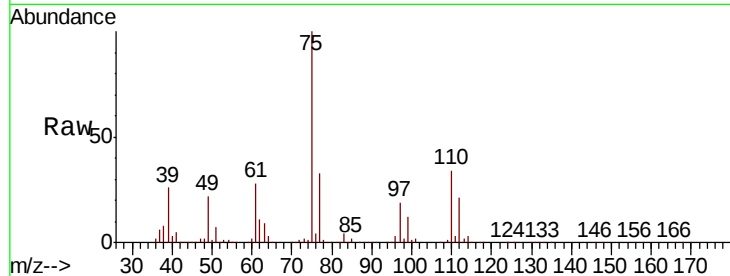




#76
 1,2,3-Trichloropropane
 Concen: 66.684 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

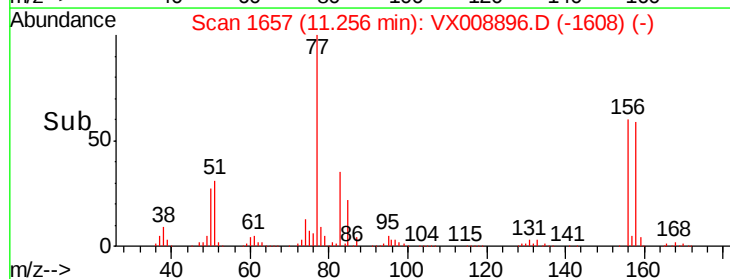
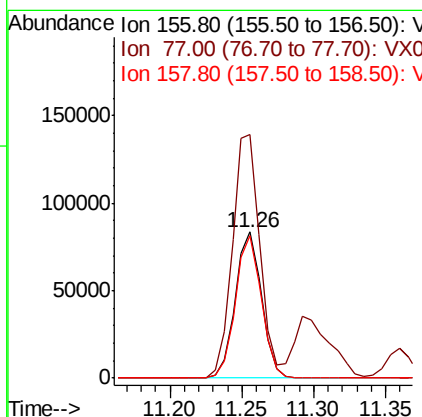
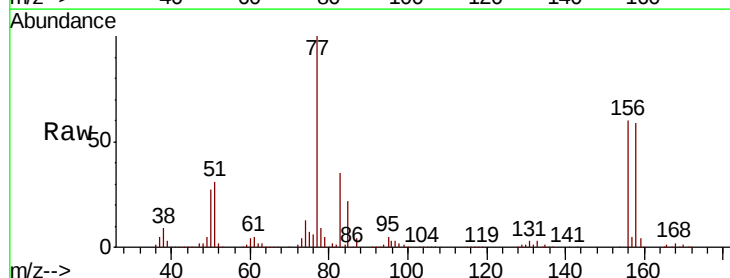
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MSD

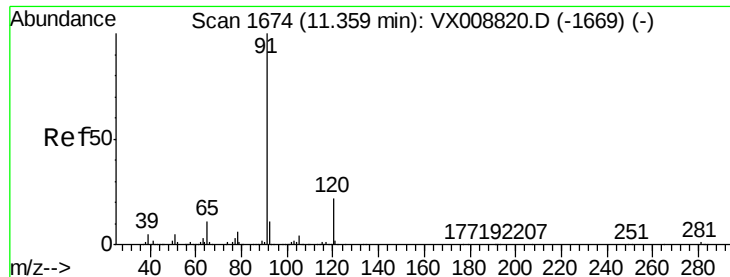
Tot Ion: 75 Resp: 192838
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.3 66.8



#77
 Bromobenzene
 Concen: 50.692 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

Tgt Ion: 156 Resp: 106314
 Ion Ratio Lower Upper
 156 100
 77 173.9 89.8 269.6
 158 96.5 48.6 145.9





#78

n-propylbenzene

Concen: 49.998 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

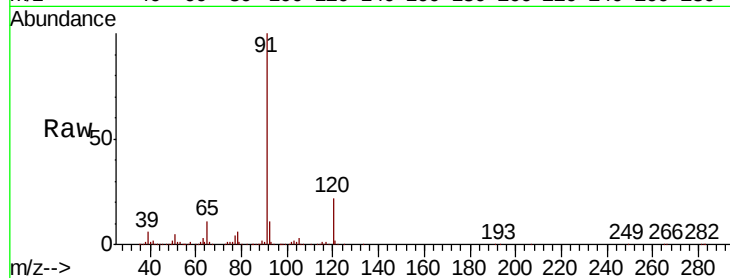
SA-PZ118I-20190409MSD

Tot Ion: 91 Resp: 507878

Ion Ratio Lower Upper

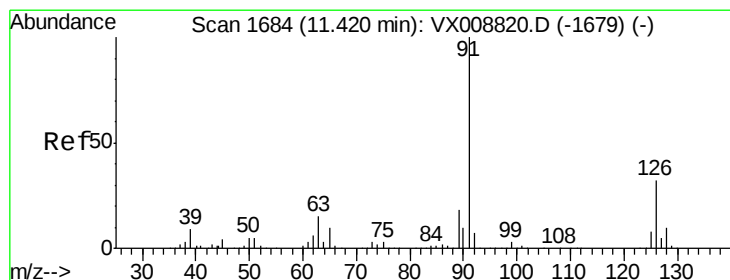
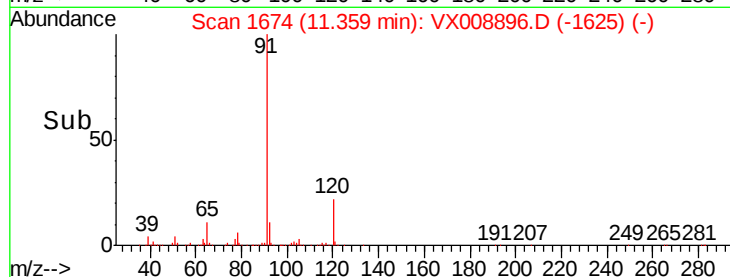
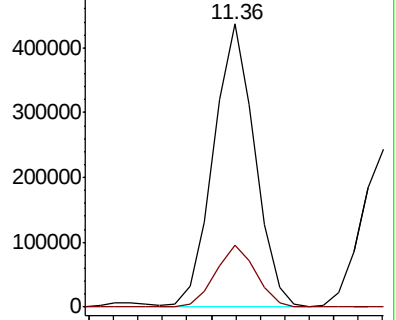
91 100

120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 48.740 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008896.D

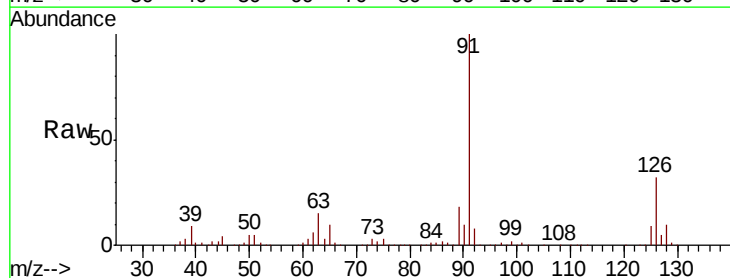
Acq: 12 Apr 2019 19:01

Tgt Ion: 91 Resp: 299609

Ion Ratio Lower Upper

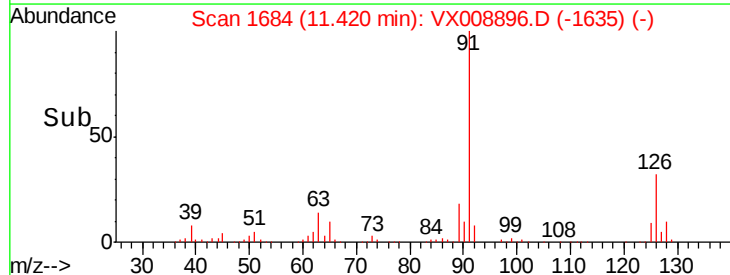
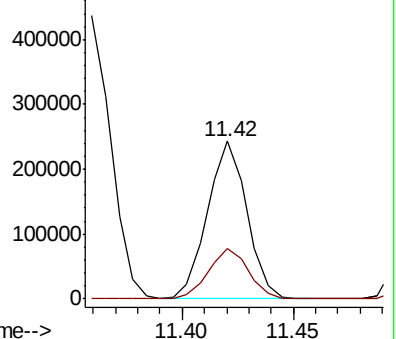
91 100

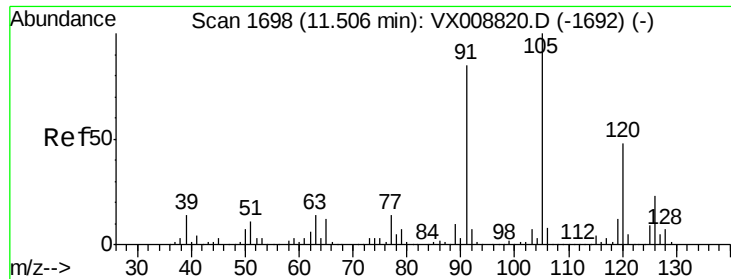
126 32.2 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

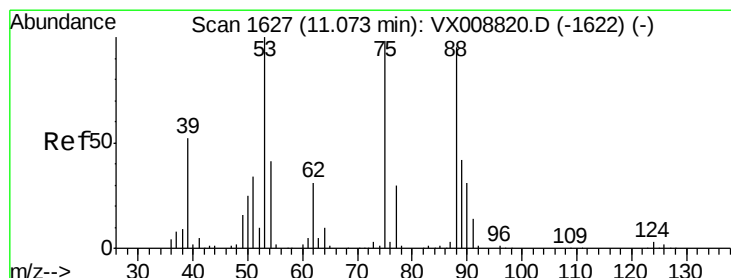
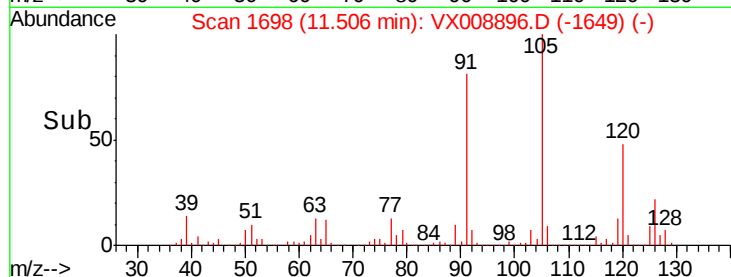
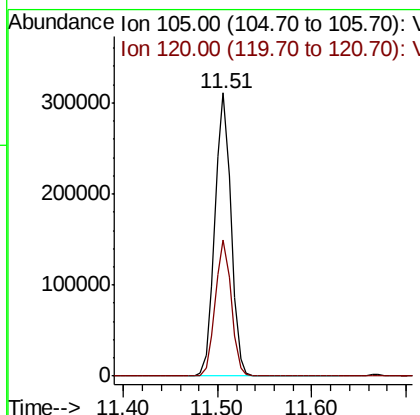
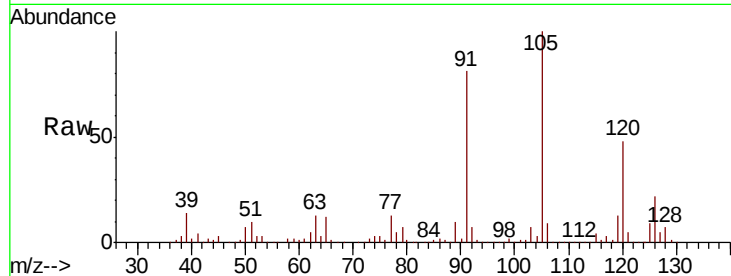




#80
 1,3,5-Trimethylbenzene
 Concen: 50.229 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

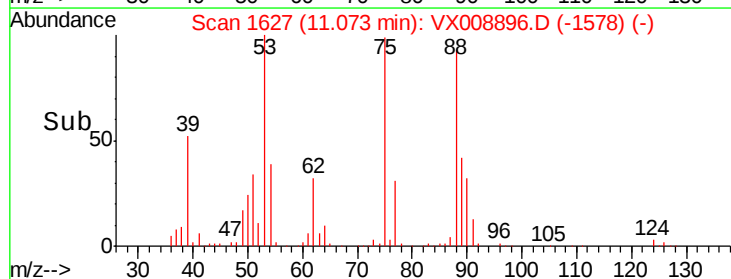
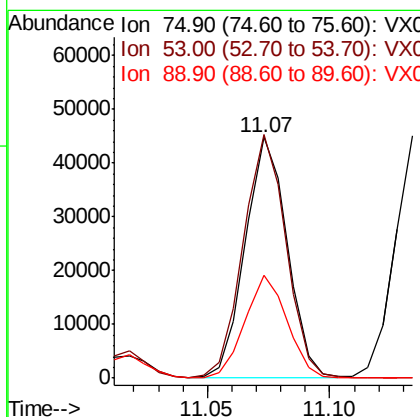
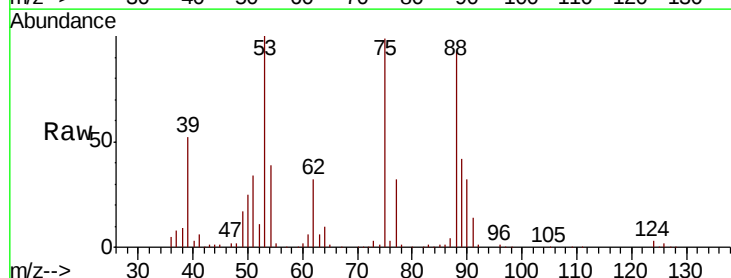
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MSD

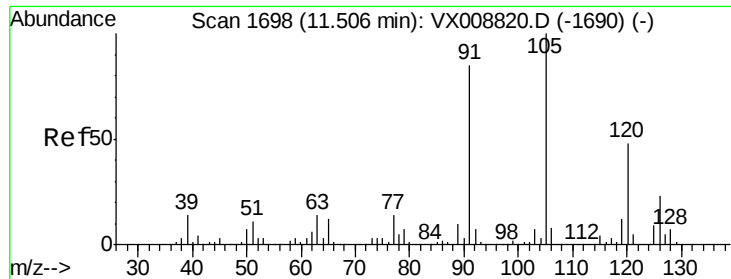
Tot Ion:105 Resp: 367828
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.878 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

Tgt Ion: 75 Resp: 53375
 Ion Ratio Lower Upper
 75 100
 53 102.9 81.3 121.9
 89 43.1 35.6 53.4

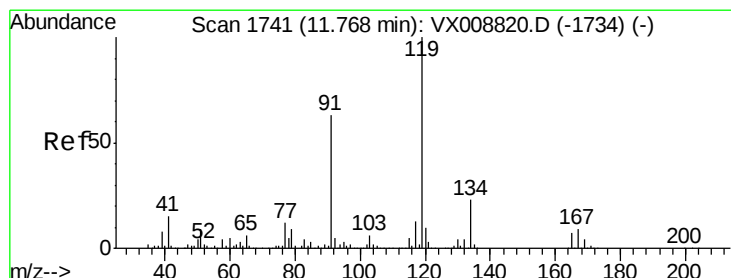
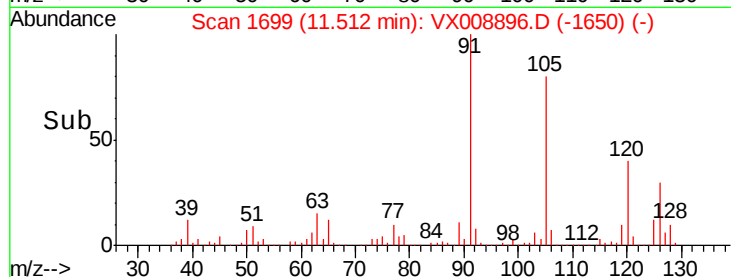
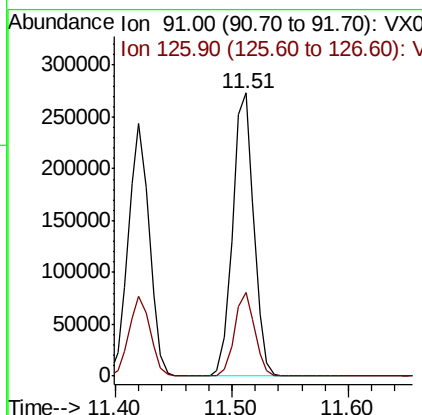
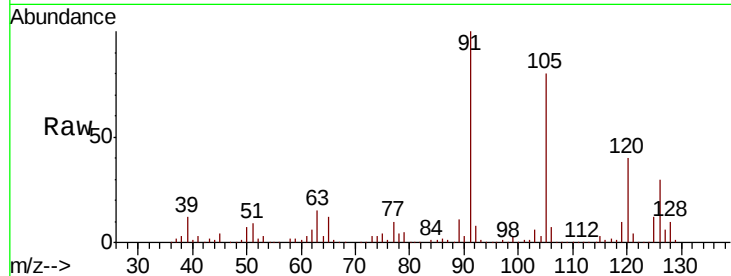




#82
 4-Chlorotoluene
 Concen: 48.570 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

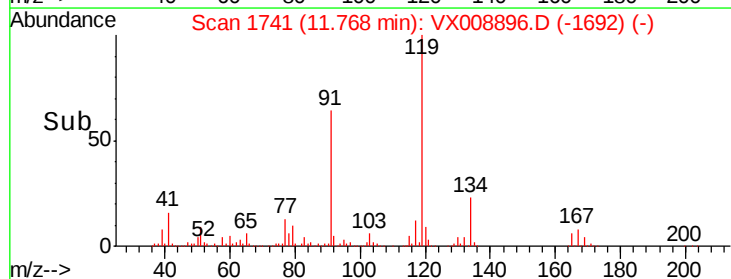
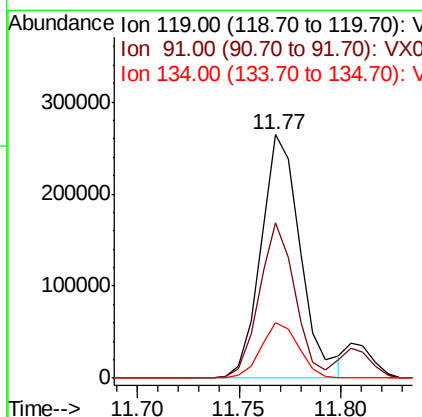
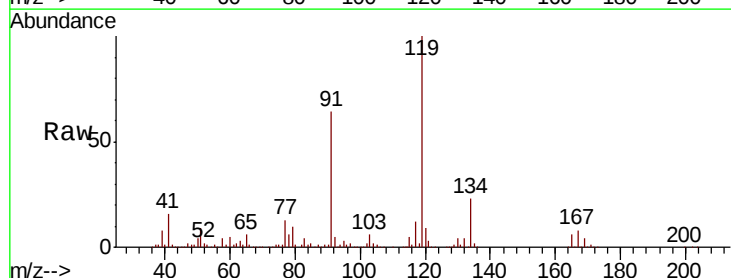
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MSD

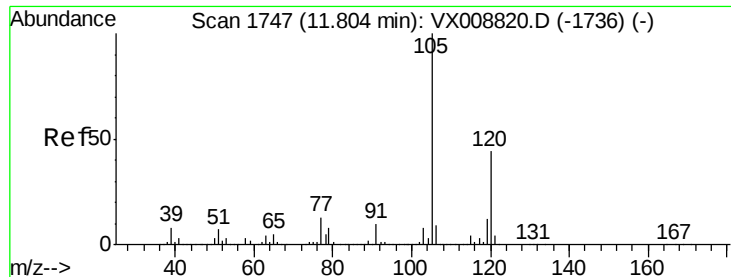
Tot Ion: 91 Resp: 345601
 Ion Ratio Lower Upper
 91 100
 126 28.6 13.9 41.6



#83
 tert-Butylbenzene
 Concen: 50.572 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

Tgt Ion: 119 Resp: 356294
 Ion Ratio Lower Upper
 119 100
 91 58.1 30.0 90.1
 134 21.9 11.1 33.3

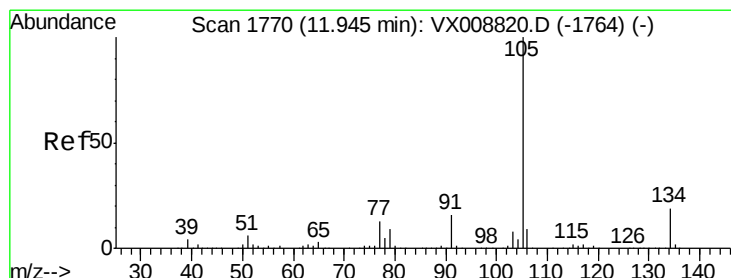
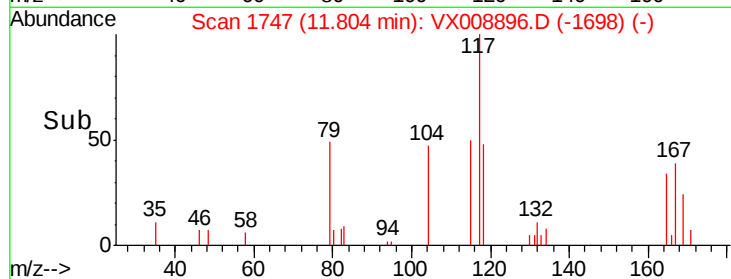
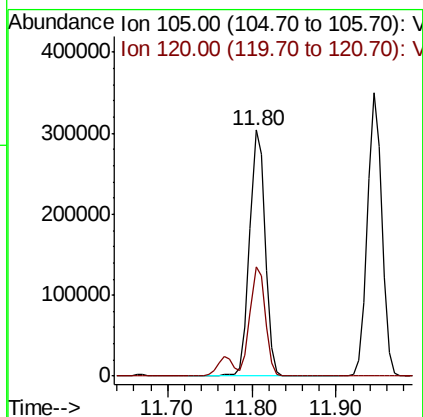
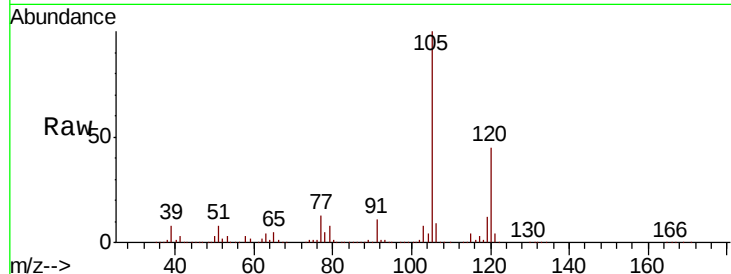




#84
 1,2,4-Trimethylbenzene
 Concen: 49.903 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

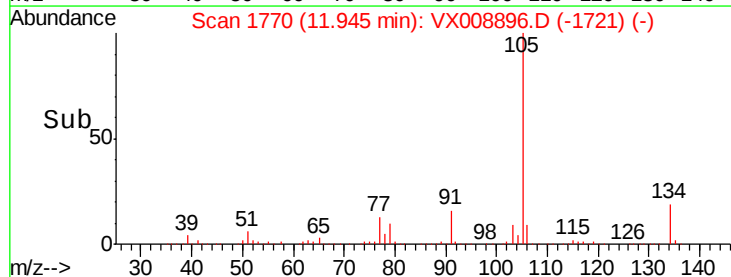
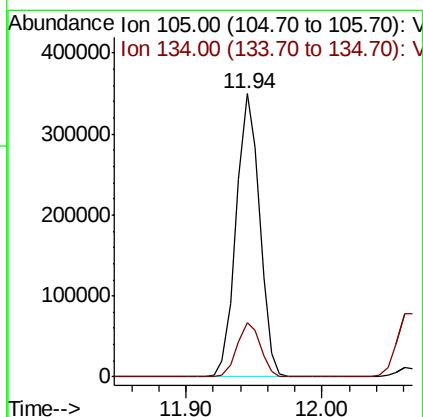
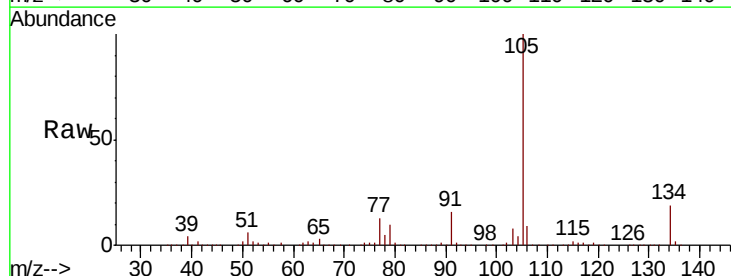
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MSD

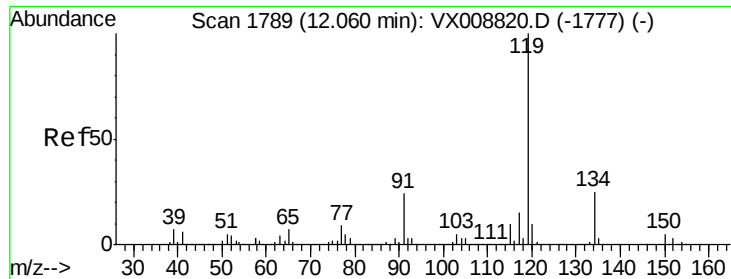
Tot Ion:105 Resp: 370033
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 50.154 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

Tgt Ion:105 Resp: 419719
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.2

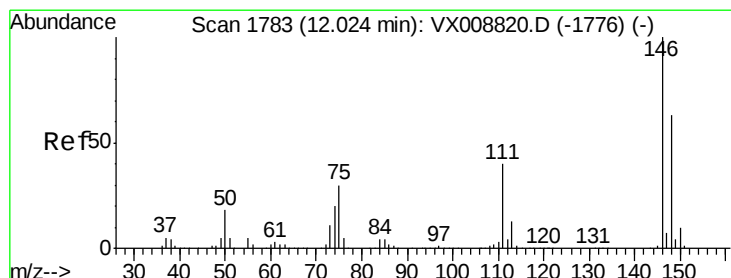
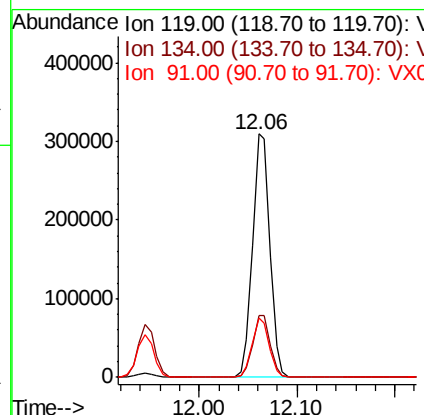
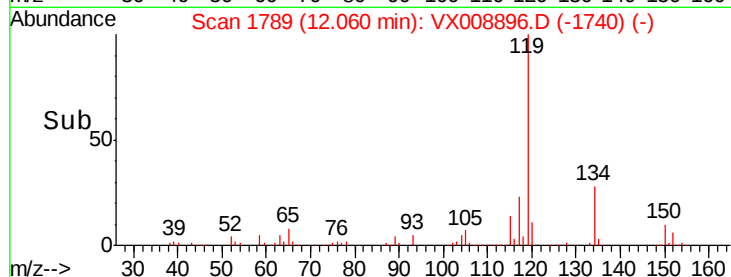
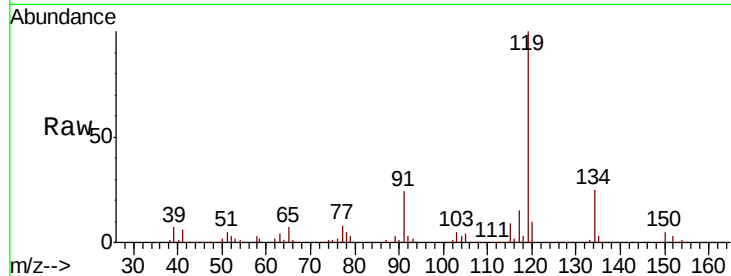




#86
 p-Isopropyltoluene
 Concen: 50.606 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

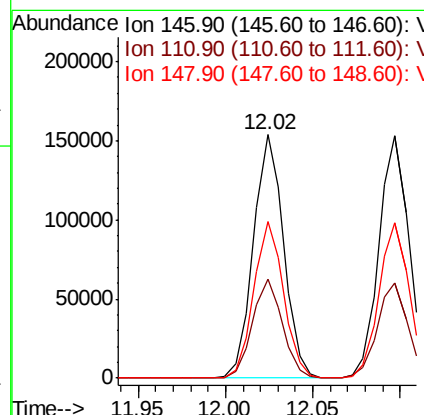
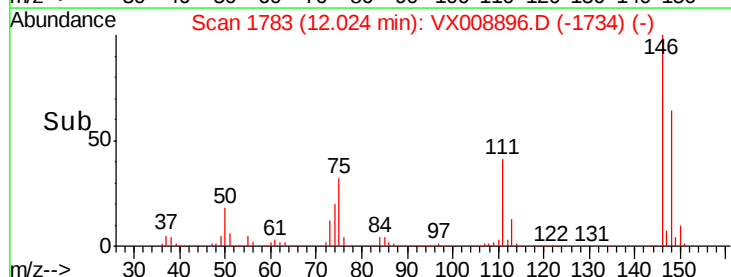
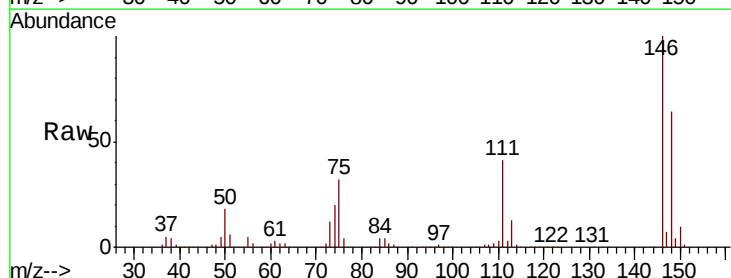
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MSD

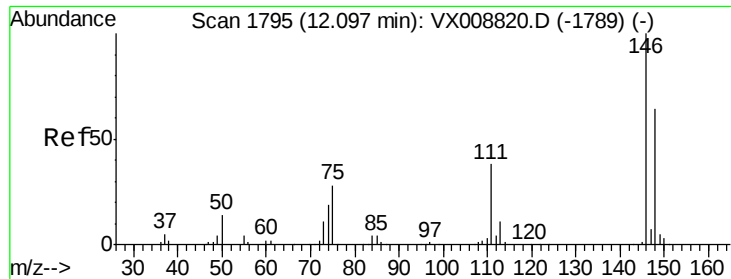
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.8	38.4
91	23.7	12.2	36.6



#87
 1,3-Dichlorobenzene
 Concen: 49.144 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.5	61.5
148	63.3	31.6	94.7





#88

1,4-Dichlorobenzene

Concen: 48.089 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MSD

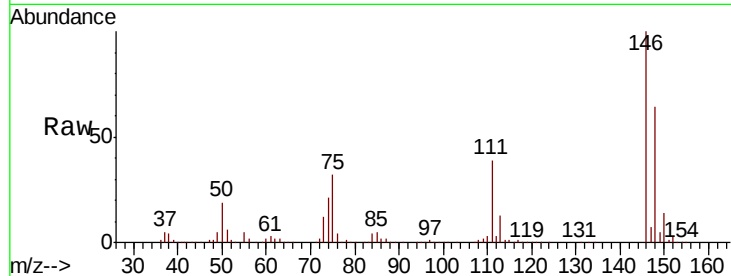
Tot Ion:146 Resp: 182831

Ion Ratio Lower Upper

146 100

111 39.9 20.2 60.6

148 64.4 32.0 96.0

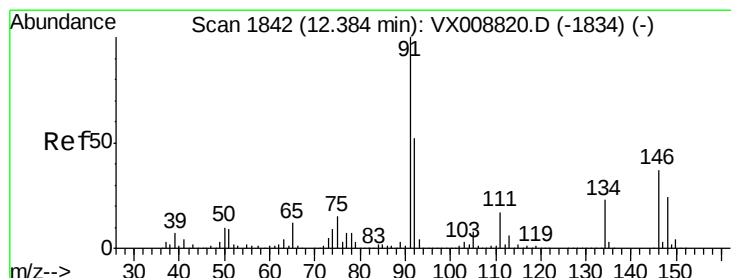
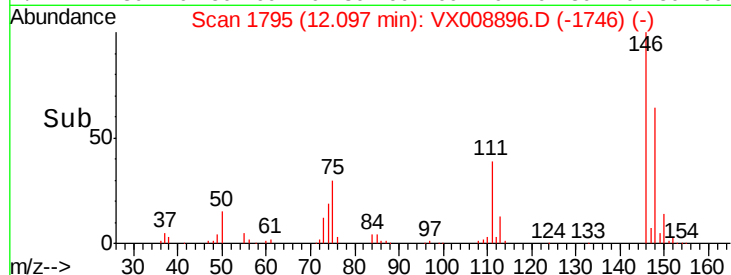
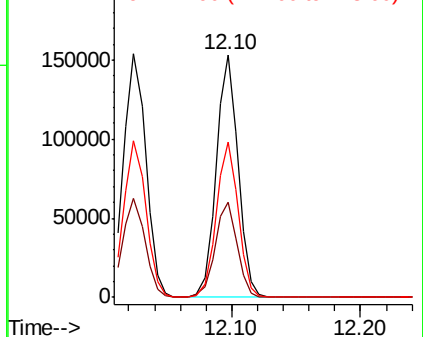


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 49.338 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

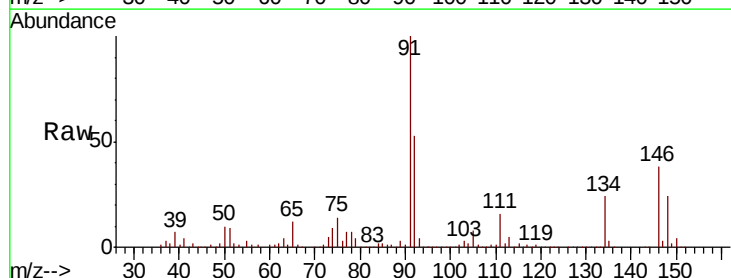
Tgt Ion: 91 Resp: 347537

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.2

134 24.5 12.0 36.0

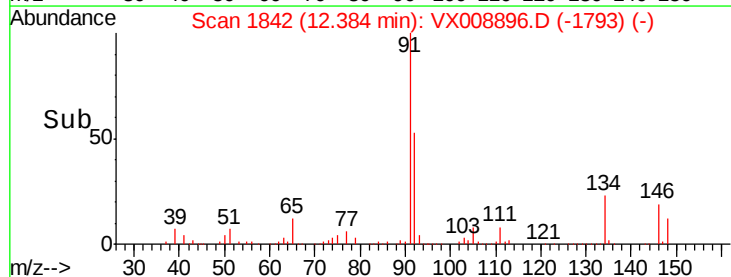
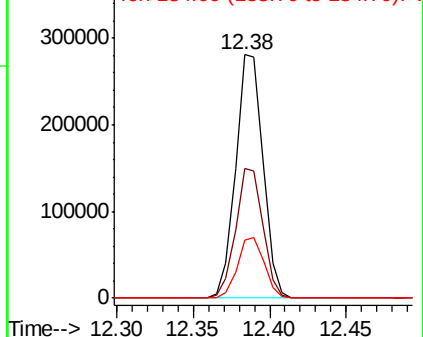


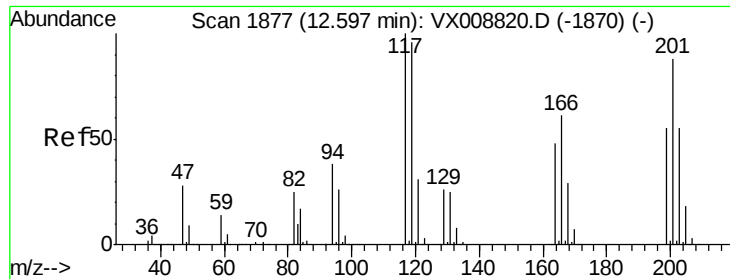
Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 51.363 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

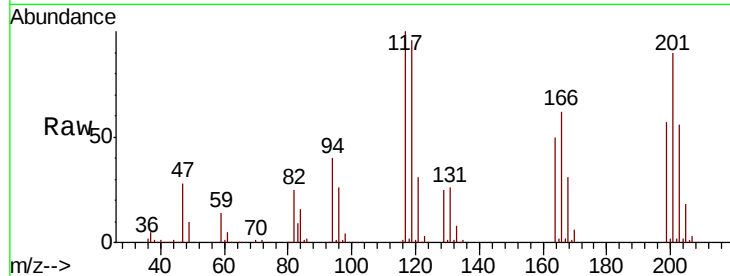
SA-PZ118I-20190409MSD

Tot Ion:117 Resp: 63988

Ion Ratio Lower Upper

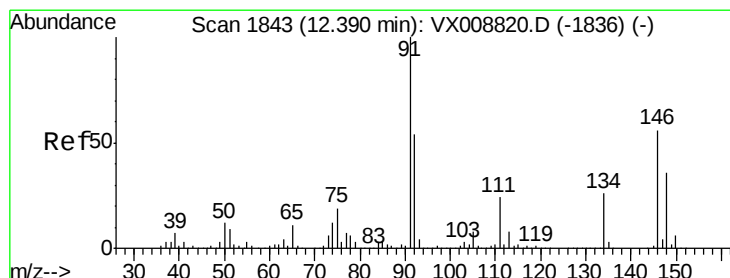
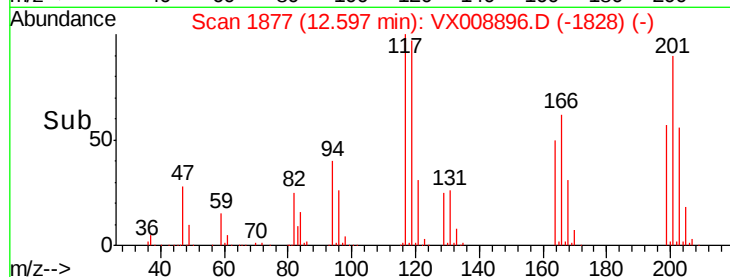
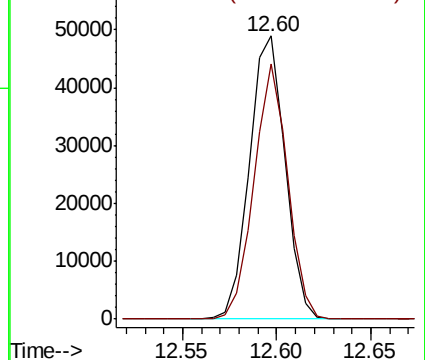
117 100

201 85.1 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 48.817 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

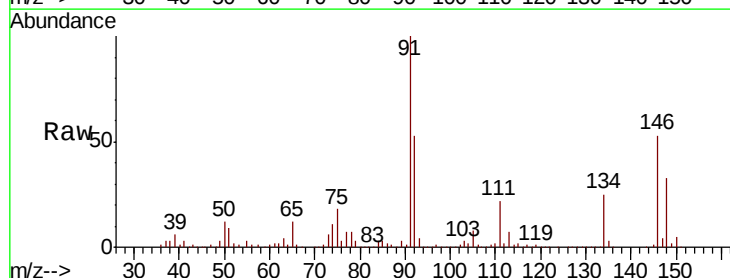
Tgt Ion:146 Resp: 181979

Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.9

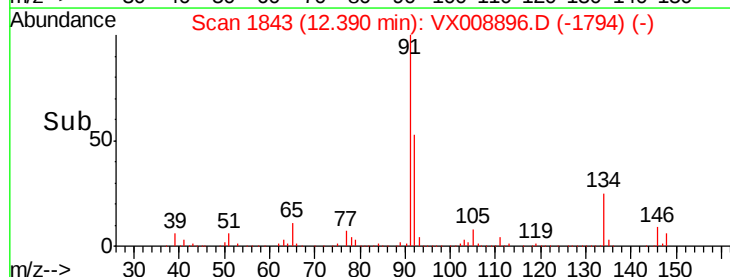
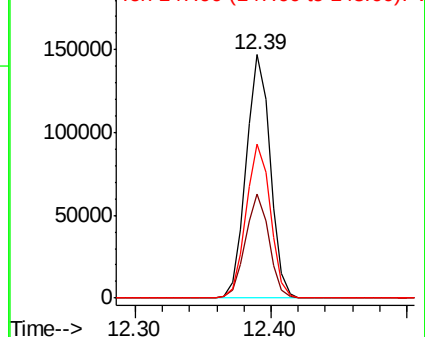
148 64.1 31.7 95.1

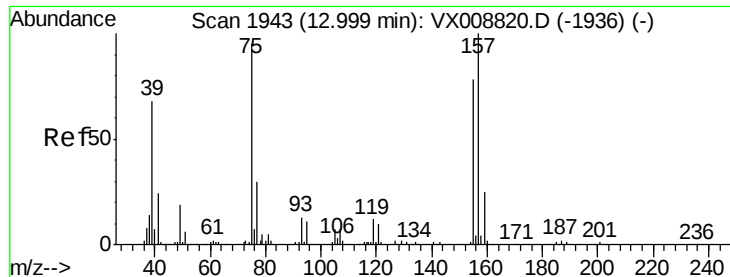


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.900 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MSD

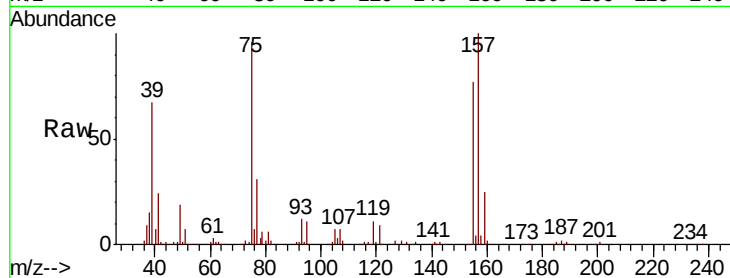
Tot Ion: 75 Resp: 37150

Ion Ratio Lower Upper

75 100

155 81.7 39.9 119.6

157 104.6 51.5 154.7



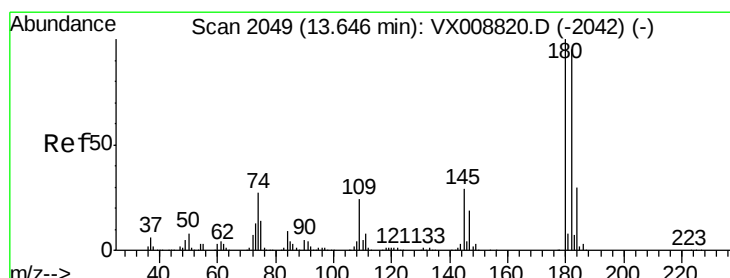
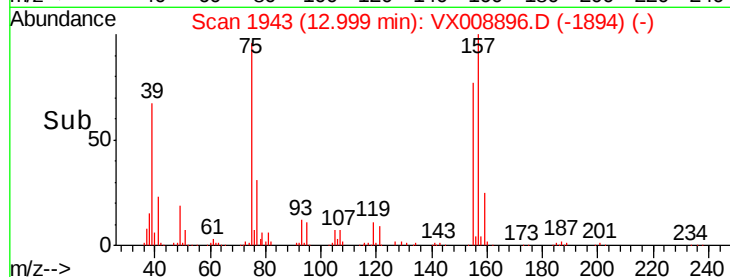
Abundance Ion 74.90 (74.60 to 75.60): VX008820.D (-1936) (-)

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

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

13.00

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 49.472 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

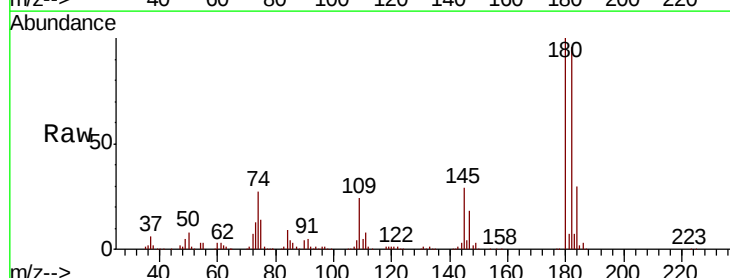
Tgt Ion: 180 Resp: 128228

Ion Ratio Lower Upper

180 100

182 95.6 47.2 141.6

145 29.6 15.3 45.9



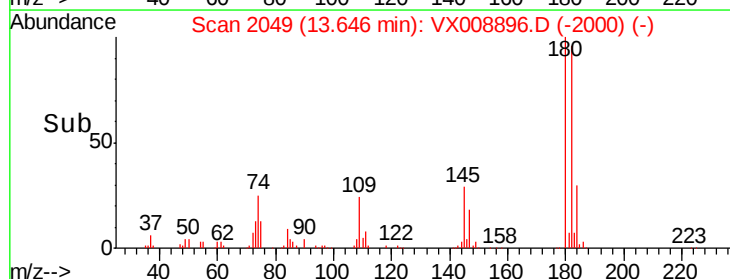
Abundance Ion 179.80 (179.50 to 180.50): VX008820.D (-2042) (-)

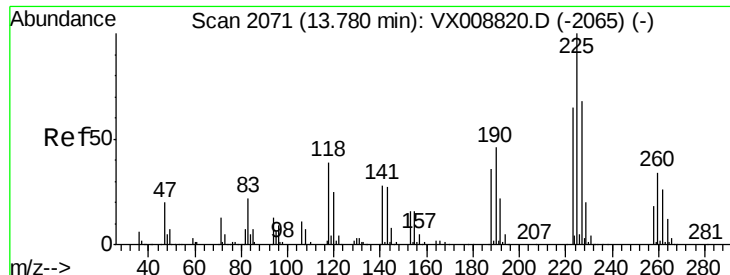
Ion 181.80 (181.50 to 182.50): VX008820.D (-2042) (-)

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

13.65

Time-->





#94

Hexachlorobutadiene

Concen: 51.244 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ118I-20190409MSD

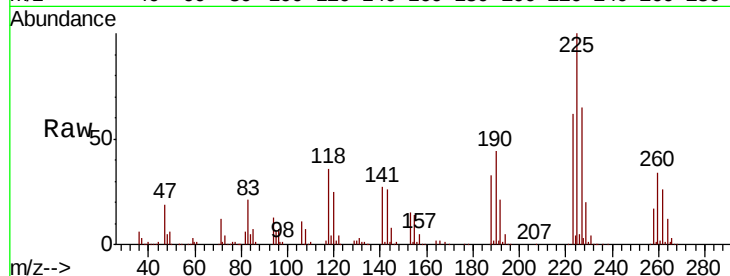
Tot Ion:225 Resp: 63698

Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.2	93.6
227	64.4	31.9	95.5

225 100

223 61.1 31.2 93.6

227 64.4 31.9 95.5

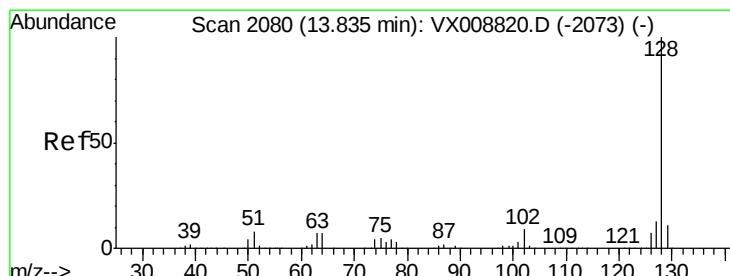
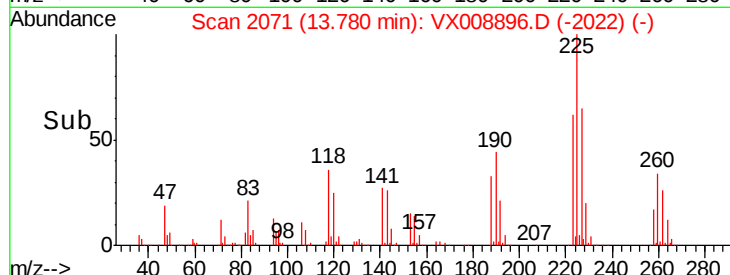
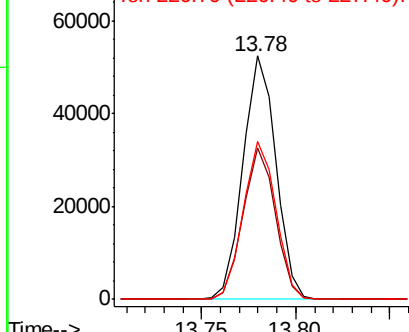


Abundance

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: 50.380 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008896.D

Acq: 12 Apr 2019 19:01

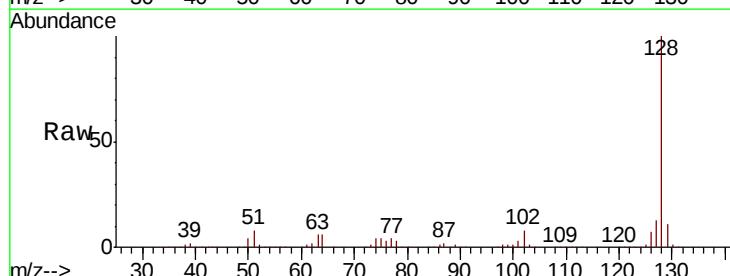
Tgt Ion:128 Resp: 436429

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0

128 100

127 13.0 10.4 15.6

129 10.8 8.6 13.0

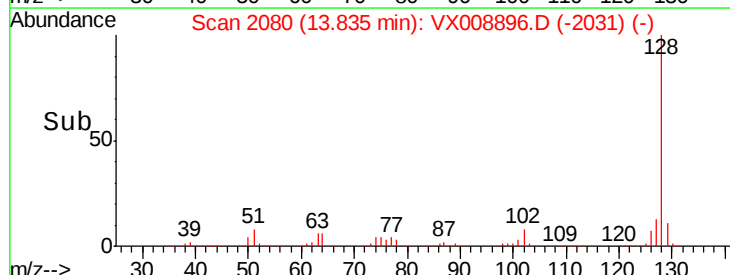
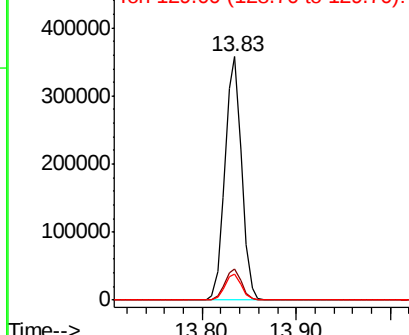


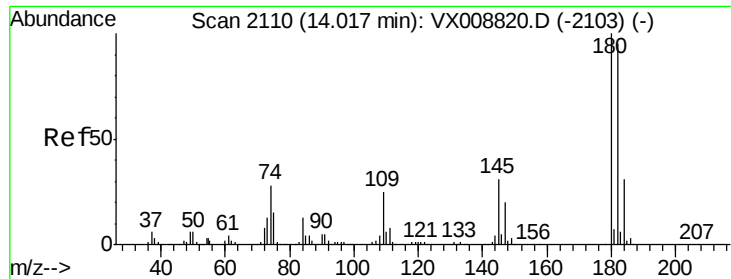
Abundance

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

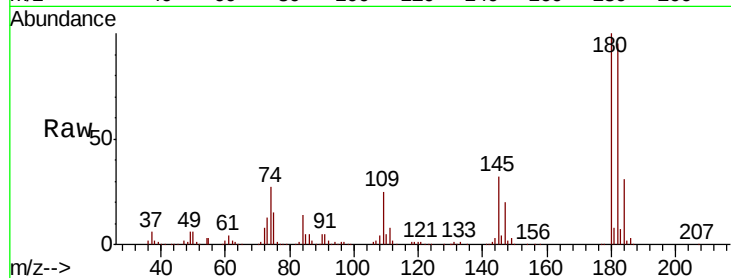




#96
 1,2,3-Trichlorobenzene
 Concen: 49.709 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX008896.D
 Acq: 12 Apr 2019 19:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.1	144.3
145	31.5	16.3	48.8



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

