

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041219\
 Data File : VX008921.D
 Acq On : 13 Apr 2019 05:32
 Operator : JC/SP
 Sample : K2367-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MS

Quant Time: Apr 13 06:08:36 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	139679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	244526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	217438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98826	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	98621	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	5.50	113	72328	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	
50) Toluene-d8	8.71	98	267707	43.00	ug/l	0.00
Spiked Amount			Recovery	=	86.00%	
62) 4-Bromofluorobenzene	11.13	95	102398	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	64118	39.879	ug/l	99
3) Chloromethane	1.32	50	111505	56.819	ug/l	100
4) Vinyl Chloride	1.41	62	99903	45.964	ug/l	97
5) Bromomethane	1.64	94	48618	45.581	ug/l	100
6) Chloroethane	1.71	64	62483	52.809	ug/l	99
7) Trichlorofluoromethane	1.92	101	97652	40.644	ug/l	97
8) Diethyl Ether	2.19	74	57554	50.514	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48565	31.396	ug/l	98
10) Methyl Iodide	2.51	142	70020	49.725	ug/l	100
11) Tert butyl alcohol	3.06	59	206339	432.615	ug/l	98
12) 1,1-Dichloroethene	2.37	96	71088	44.023	ug/l	99
13) Acrolein	2.29	56	72932	308.380	ug/l	99
14) Allyl chloride	2.73	41	178926	48.401	ug/l	96
15) Acrylonitrile	3.15	53	373384	295.506	ug/l	100
16) Acetone	2.45	43	365163	311.194	ug/l	99
17) Carbon Disulfide	2.56	76	211163	45.213	ug/l	100
18) Methyl Acetate	2.78	43	131051	46.049	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	312823	54.245	ug/l	100
20) Methylene Chloride	2.85	84	96110	48.932	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	80129	45.875	ug/l	92
22) Diisopropyl ether	3.85	45	358560	50.324	ug/l	95
23) Vinyl Acetate	3.81	43	1255856	202.612	ug/l	99
24) 1,1-Dichloroethane	3.70	63	174241	49.392	ug/l	99
25) 2-Butanone	4.68	43	596994	321.894	ug/l	99
26) 2,2-Dichloropropane	4.58	77	71555	28.799	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	106291	52.929	ug/l	93
28) Bromochloromethane	5.02	49	83376	57.004	ug/l	96
29) Tetrahydrofuran	5.13	42	386891	314.300	ug/l	99
30) Chloroform	5.21	83	156766	49.754	ug/l	98
31) Cyclohexane	5.58	56	120602	34.262	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	119608	46.976	ug/l	99
36) 1,1-Dichloropropene	5.80	75	106507	39.847	ug/l	99
37) Ethyl Acetate	4.84	43	158795	44.508	ug/l	99
38) Carbon Tetrachloride	5.79	117	93018	42.046	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	106639	32.296	ug/l	97
40) Benzene	6.14	78	420963	52.865	ug/l	100
41) Methacrylonitrile	5.04	41	111176	54.211	ug/l	99
42) 1,2-Dichloroethane	6.19	62	138339	48.460	ug/l	99
43) Isopropyl Acetate	6.45	43	264457	47.318	ug/l	100
44) Trichloroethene	7.21	130	82601	44.538	ug/l	97
45) 1,2-Dichloropropane	7.51	63	107787	47.424	ug/l	99
46) Dibromomethane	7.66	93	63522	48.189	ug/l	97
47) Bromodichloromethane	7.90	83	123707	49.773	ug/l	99
48) Methyl methacrylate	7.77	41	155686	55.068	ug/l	99
49) 1,4-Dioxane	7.74	88	68600	1295.298	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1063454	295.584	ug/l	100
52) Toluene	8.79	92	220317	46.930	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	135295	48.595	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	147903	46.492	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	94821	50.318	ug/l	98
56) Ethyl methacrylate	9.18	69	182570	53.547	ug/l	99
57) 1,3-Dichloropropane	9.37	76	169401	50.062	ug/l	100
59) 2-Hexanone	9.49	43	850739	304.267	ug/l	99
60) Dibromochloromethane	9.59	129	92383	52.025	ug/l	100
61) 1,2-Dibromoethane	9.67	107	99589	50.765	ug/l	98
64) Tetrachloroethene	9.34	164	63574	39.463	ug/l	99
65) Chlorobenzene	10.14	112	223653	46.402	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	84143	49.762	ug/l	100
67) Ethyl Benzene	10.25	91	657811	73.191	ug/l	100
68) m/p-Xylenes	10.36	106	490534	151.797	ug/l	98
69) o-Xylene	10.70	106	155581	49.679	ug/l	98
70) Stvrene	10.71	104	250242	46.356	ug/l	99
71) Bromoform	10.85	173	70591	54.661	ug/l	98
73) Isopropylbenzene	11.02	105	362783	44.296	ug/l	100
74) N-amyl acetate	10.90	43	205844	42.719	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	156406	50.214	ug/l	94
76) 1,2,3-Trichloropropane	11.30	75	183464	67.578	ug/l	81
77) Bromobenzene	11.26	156	96447	48.986	ug/l	96
78) n-propylbenzene	11.36	91	426731	44.749	ug/l	99
79) 2-Chlorotoluene	11.42	91	259364	44.944	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	314608	45.762	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47501	48.231	ug/l	99
82) 4-Chlorotoluene	11.51	91	290039	43.419	ug/l	99
83) tert-Butylbenzene	11.77	119	280771	42.450	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	562592	80.818	ug/l	98
85) sec-Butylbenzene	11.94	105	313972	39.964	ug/l	98
86) p-Isopropyltoluene	12.06	119	300029	42.549	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	159798	45.336	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	163938	45.931	ug/l	99
89) n-Butylbenzene	12.38	91	262786	39.738	ug/l	97
90) Hexachloroethane	12.60	117	54179	46.325	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	164541	47.017	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42175	61.552	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	111338	45.757	ug/l	96

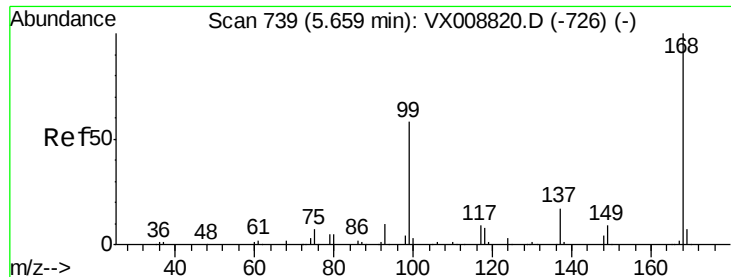
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	39462	33.816	ug/l	99
95) Naphthalene	13.83	128	544117	66.906	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115447	47.486	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

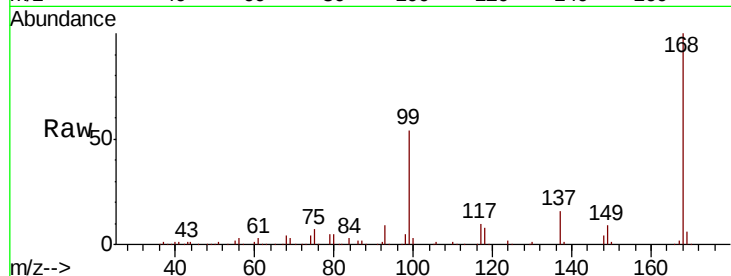
S8-0703MS

Tot Ion:168 Resp: 139679

Ion Ratio Lower Upper

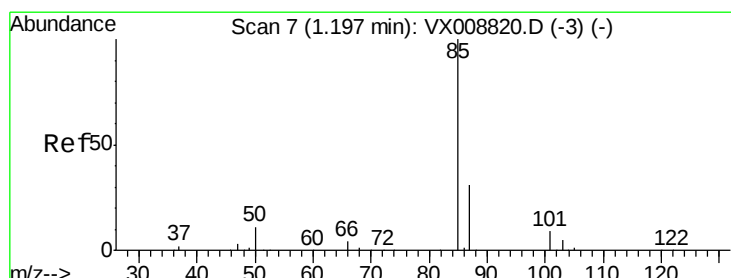
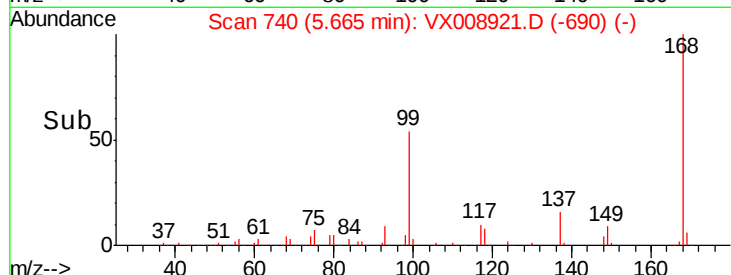
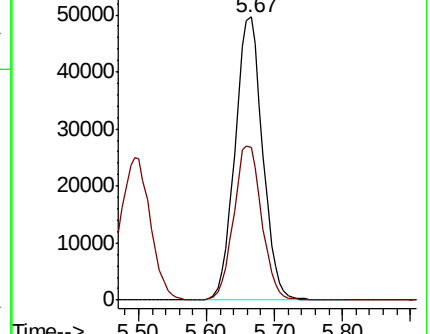
168 100

99 53.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 39.879 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008921.D

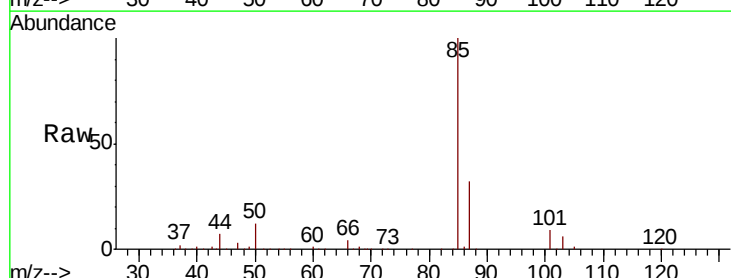
Acq: 13 Apr 2019 05:32

Tgt Ion: 85 Resp: 64118

Ion Ratio Lower Upper

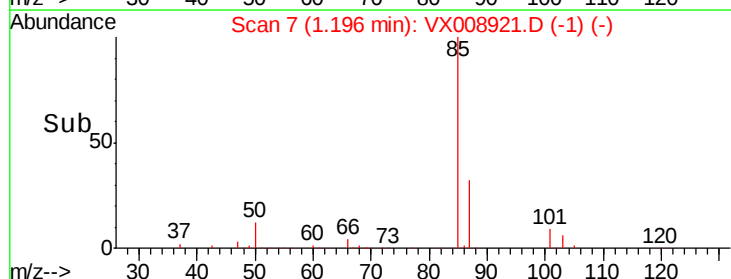
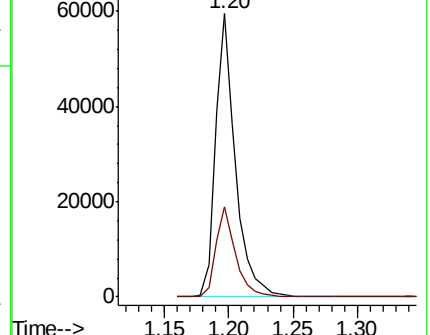
85 100

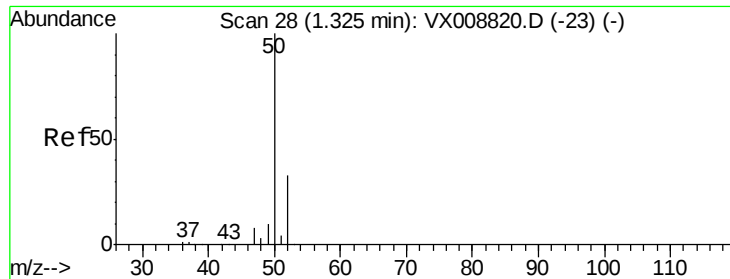
87 32.0 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 56.819 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

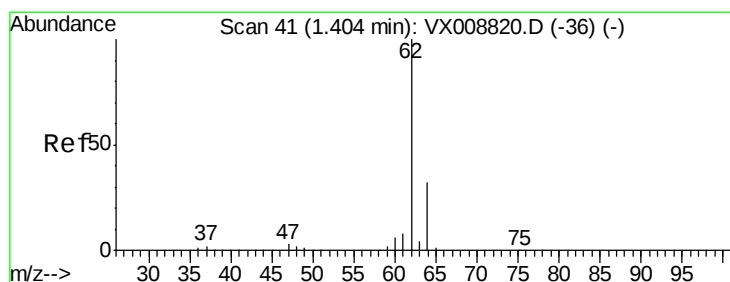
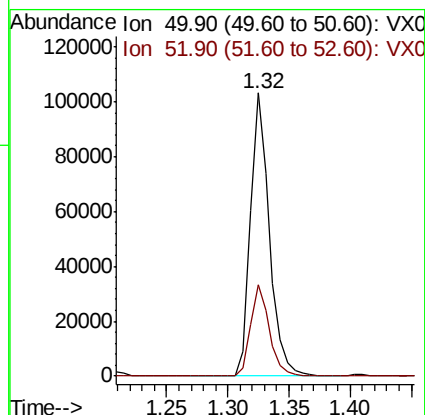
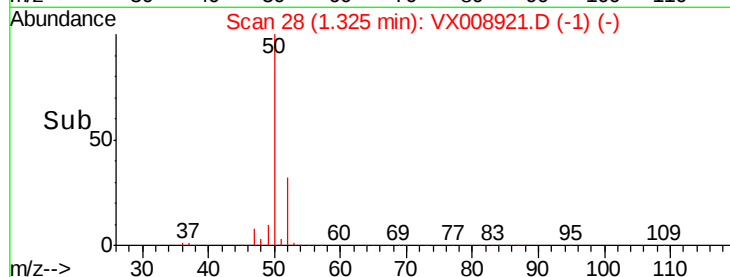
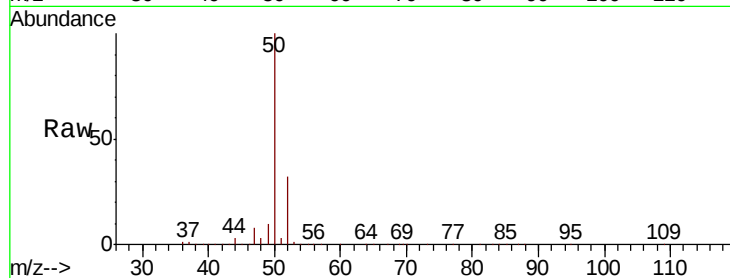
S8-0703MS

Tot Ion: 50 Resp: 111505

Ion Ratio Lower Upper

50 100

52 32.1 25.8 38.8



#4

Vinyl Chloride

Concen: 45.964 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008921.D

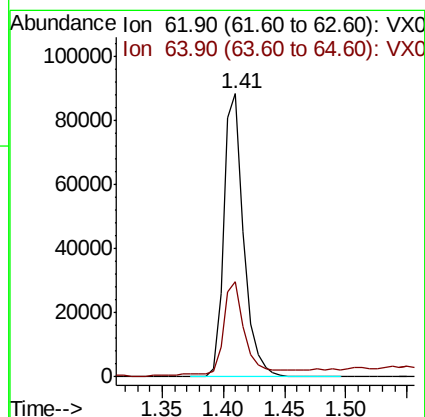
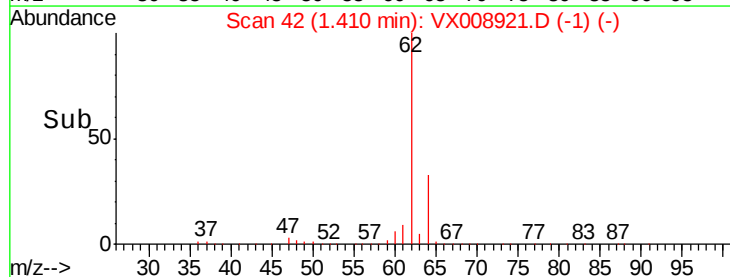
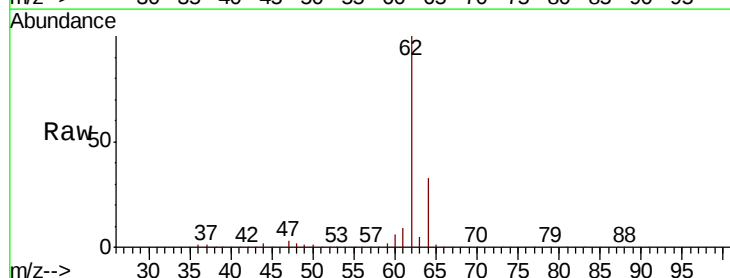
Acq: 13 Apr 2019 05:32

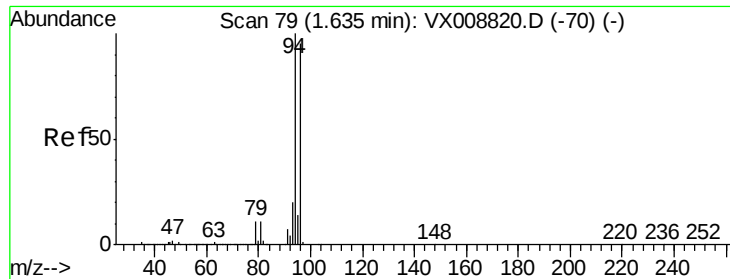
Tgt Ion: 62 Resp: 99903

Ion Ratio Lower Upper

62 100

64 32.5 24.7 37.1





#5

Bromomethane

Concen: 45.581 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

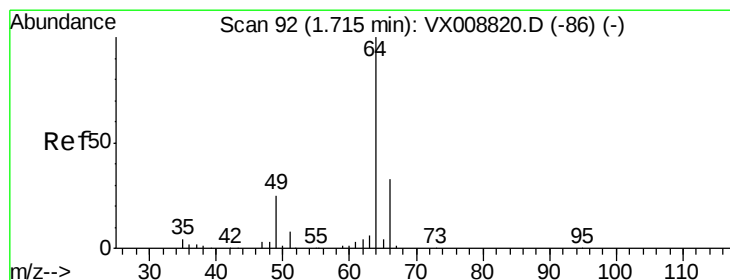
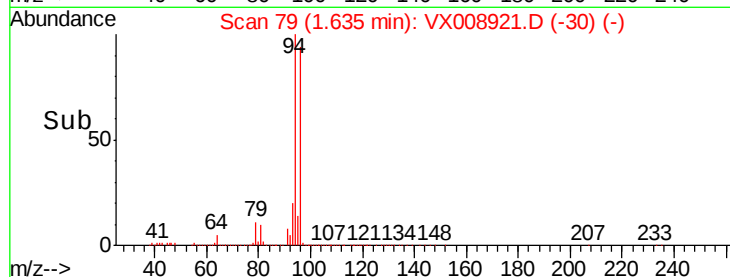
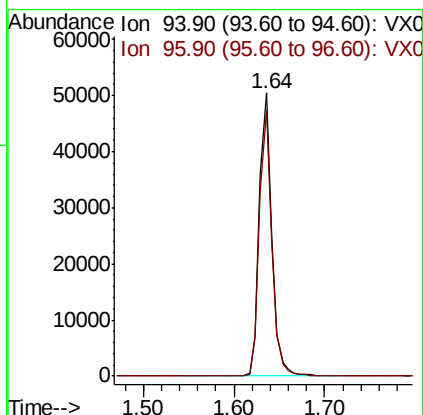
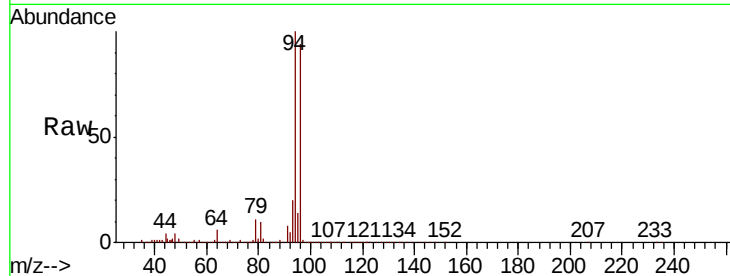
S8-0703MS

Tot Ion: 94 Resp: 48618

Ion Ratio Lower Upper

94 100

96 93.8 75.2 112.8



#6

Chloroethane

Concen: 52.809 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008921.D

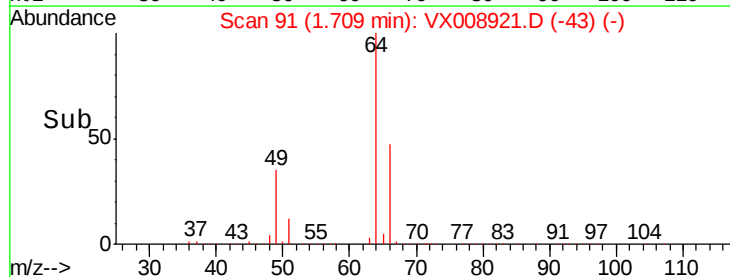
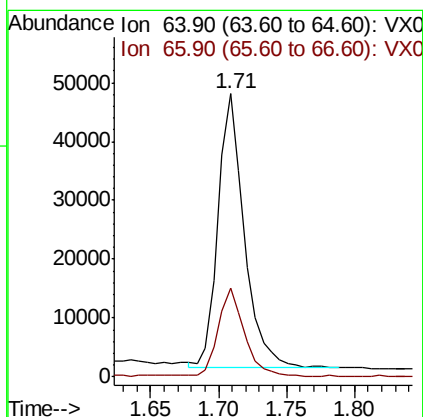
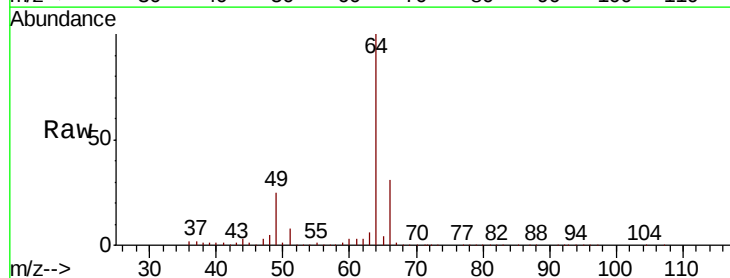
Acq: 13 Apr 2019 05:32

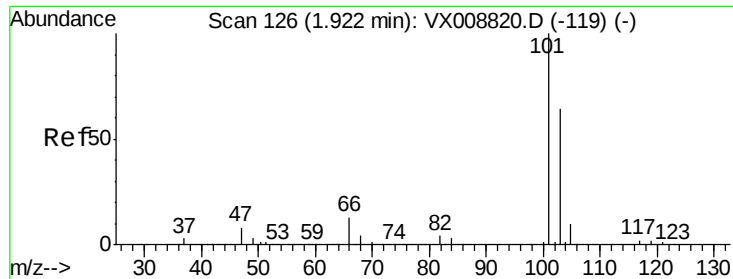
Tgt Ion: 64 Resp: 62483

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.0



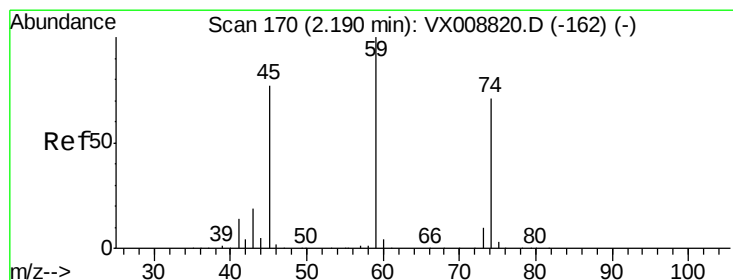
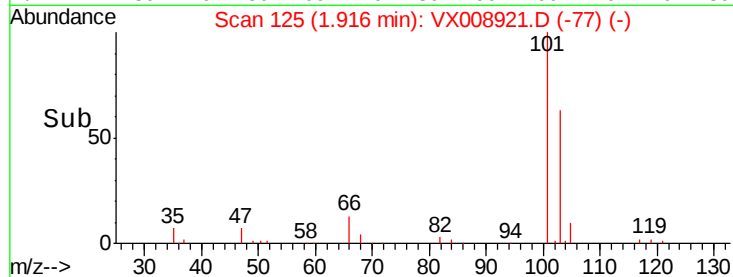
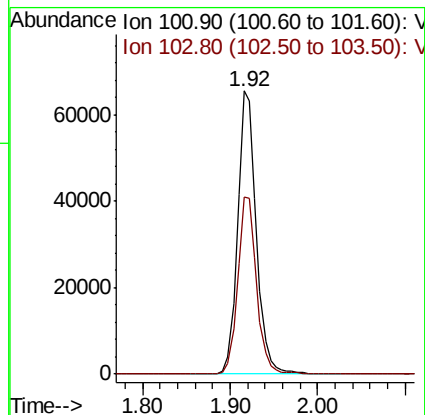
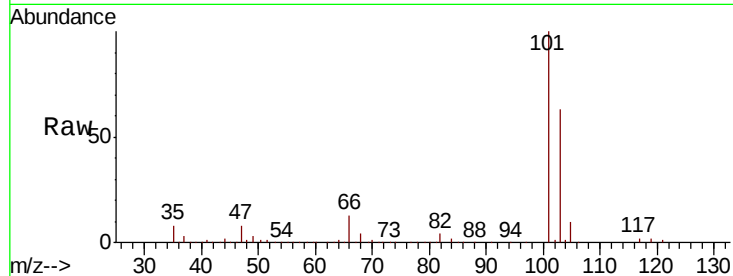


#7

Trichlorofluoromethane
 Concen: 40.644 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Instrument :
 MSVOA_X
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 S8-0703MS

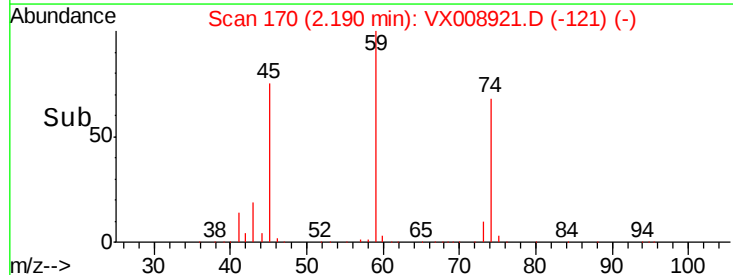
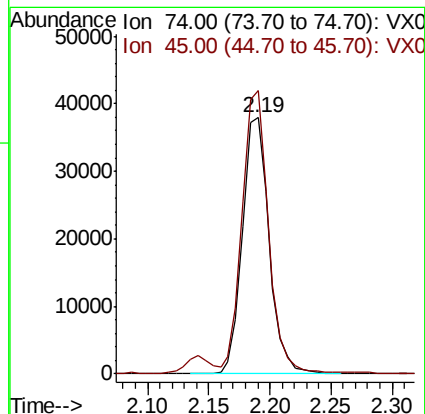
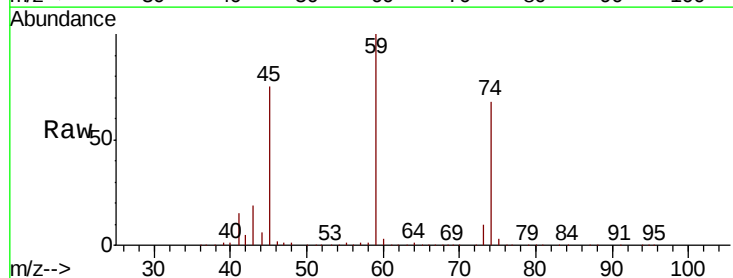
Tot Ion:101 Resp: 97652
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.3 78.5

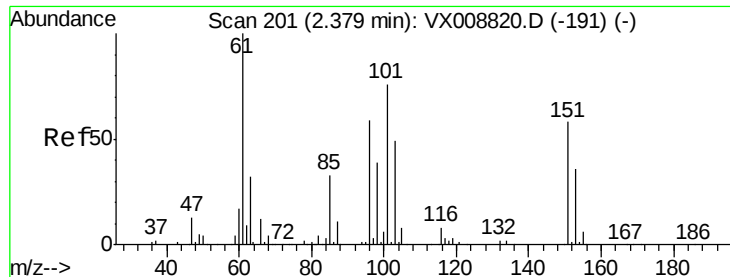


#8

Diethyl Ether
 Concen: 50.514 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Tgt Ion: 74 Resp: 57554
 Ion Ratio Lower Upper
 74 100
 45 109.1 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 31.396 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MS

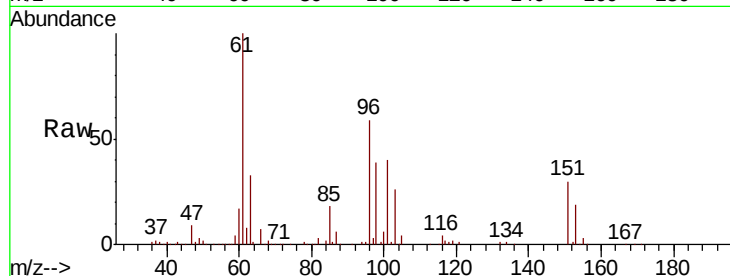
Tot Ion:101 Resp: 48565

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

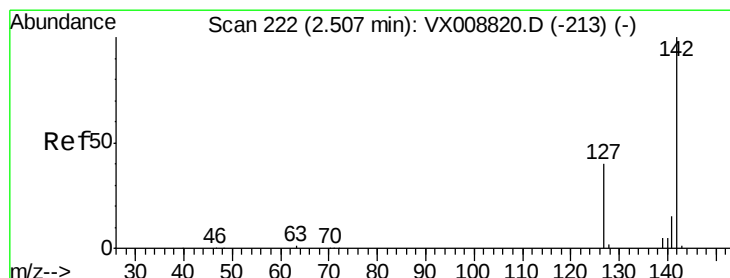
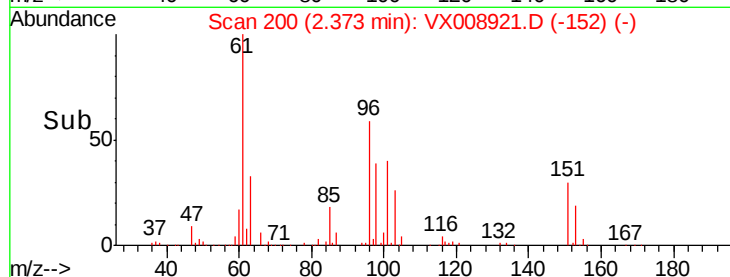
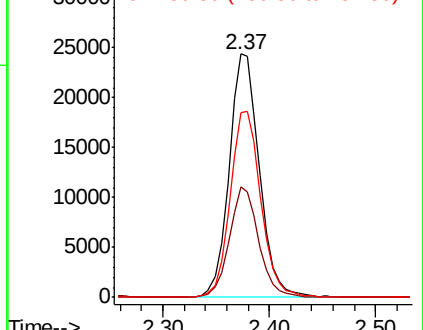
151 77.5 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.725 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

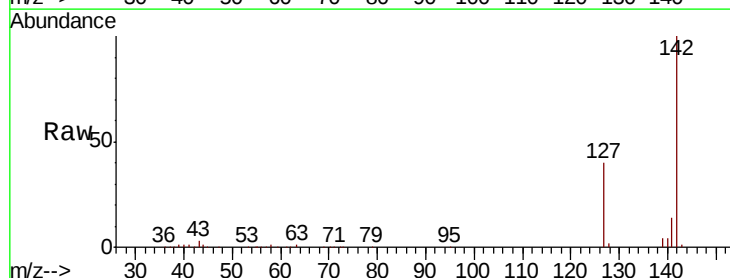
Tgt Ion:142 Resp: 70020

Ion Ratio Lower Upper

142 100

127 41.3 33.0 49.6

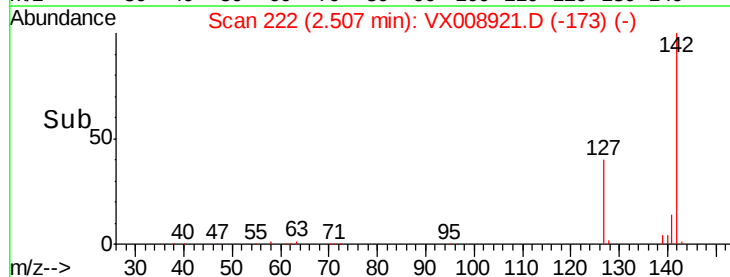
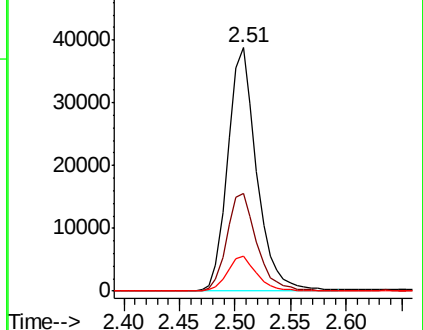
141 14.6 11.4 17.2

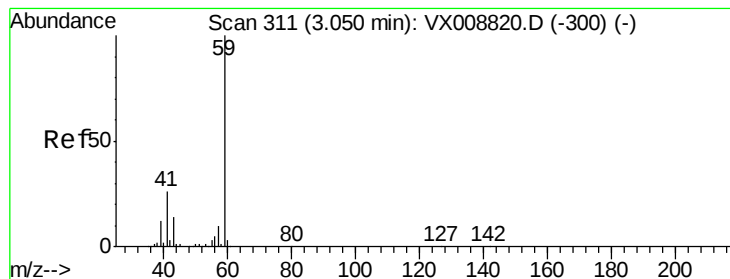


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



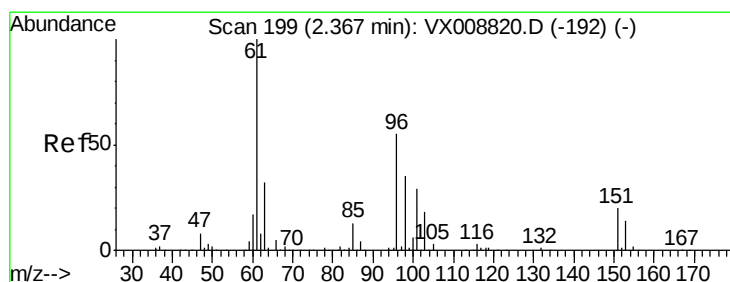
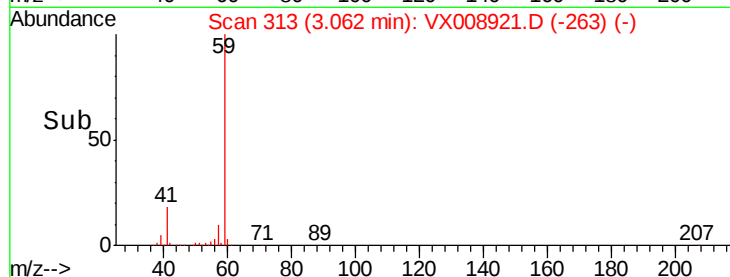
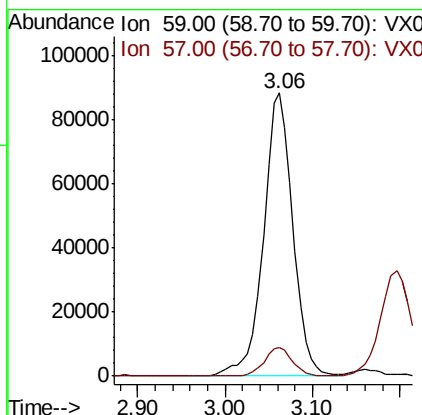
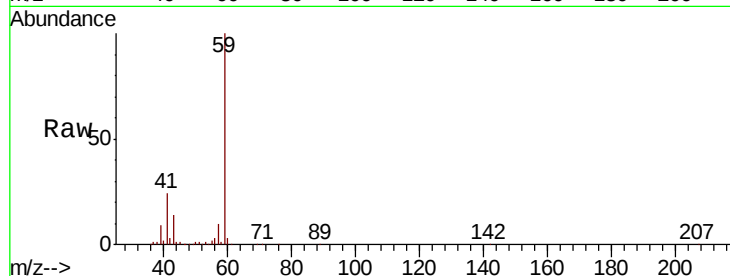


#11

Tert butyl alcohol
 Concen: 432.615 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. 0.01 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MS

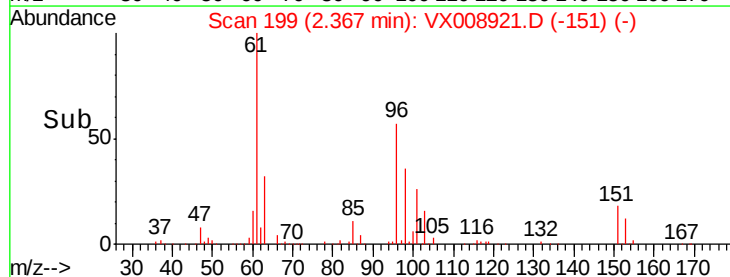
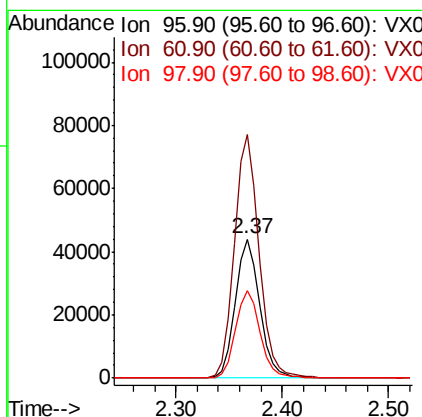
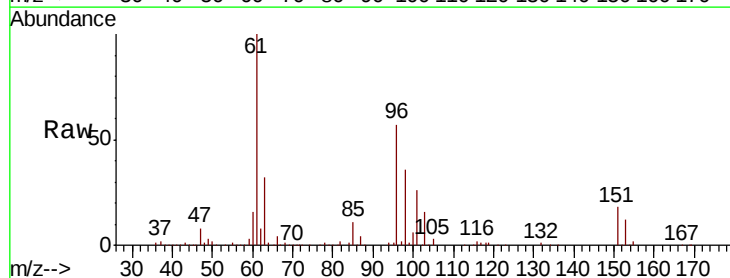
Tot Ion: 59 Resp: 206339
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.3 12.5

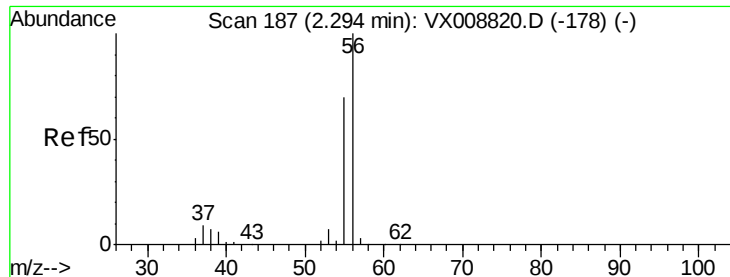


#12

1,1-Dichloroethene
 Concen: 44.023 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Tgt Ion: 96 Resp: 71088
 Ion Ratio Lower Upper
 96 100
 61 175.2 140.9 211.3
 98 62.9 52.1 78.1





#13

Acrolein

Concen: 308.380 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

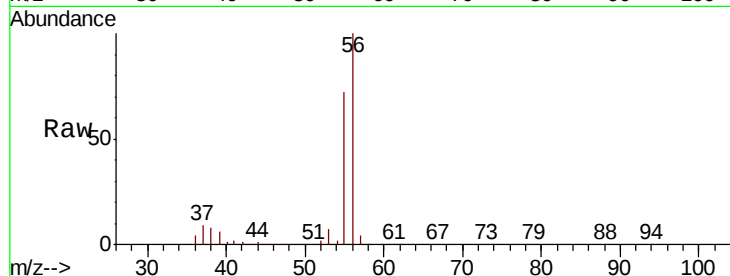
S8-0703MS

Tot Ion: 56 Resp: 72932

Ion Ratio Lower Upper

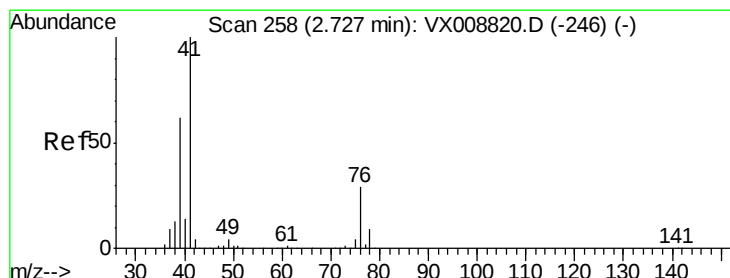
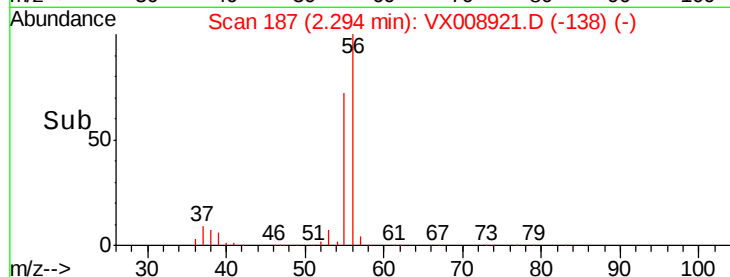
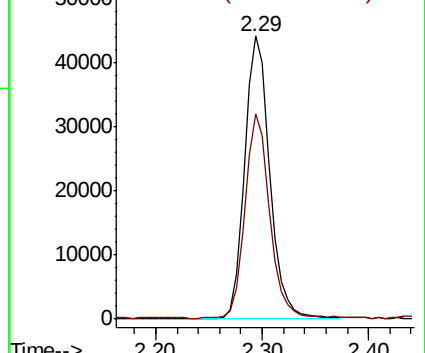
56 100

55 71.4 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.401 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

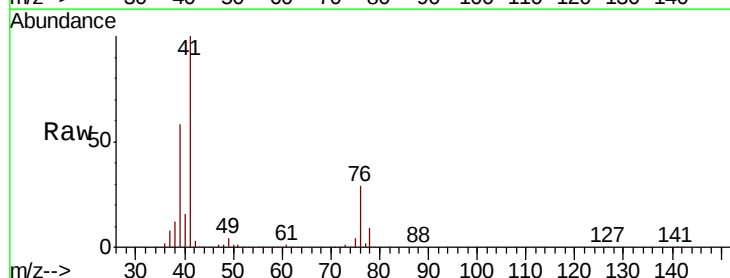
Tgt Ion: 41 Resp: 178926

Ion Ratio Lower Upper

41 100

39 56.3 48.0 72.0

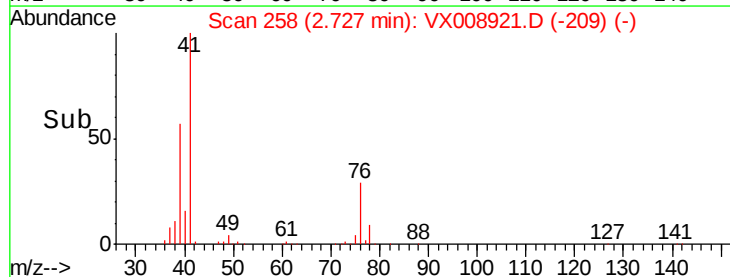
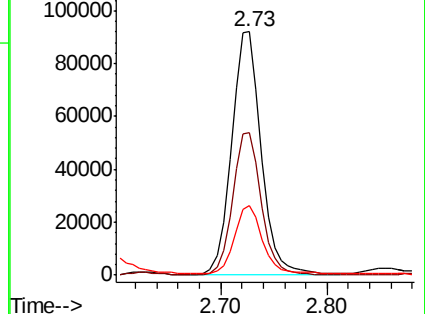
76 26.3 22.0 33.0

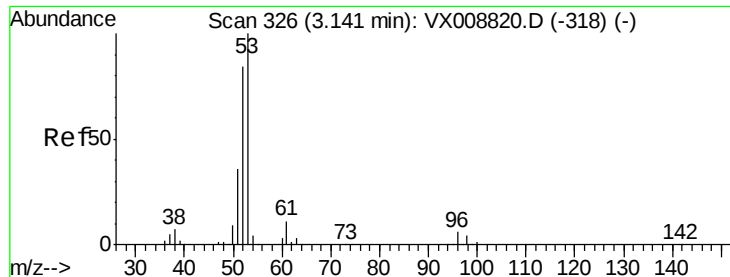


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 295.506 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MS

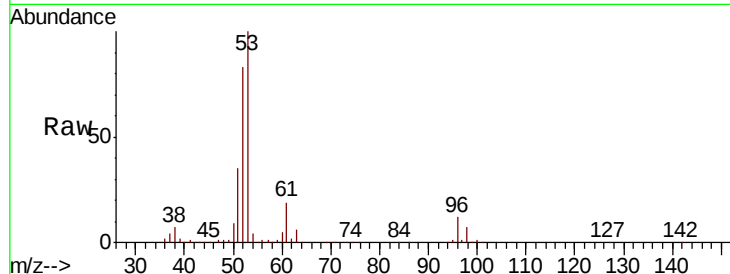
Tot Ion: 53 Resp: 373384

Ion Ratio Lower Upper

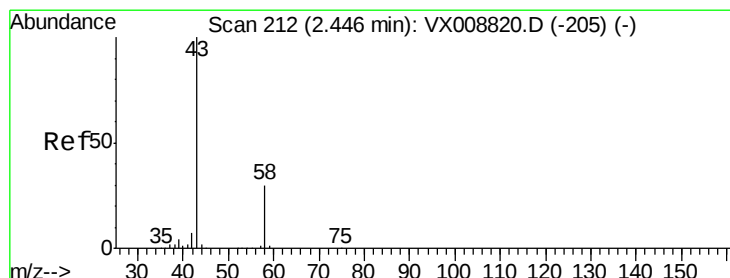
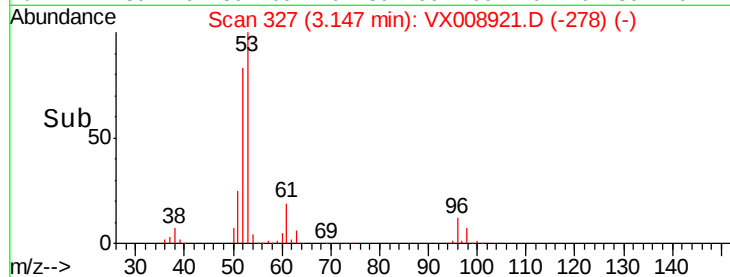
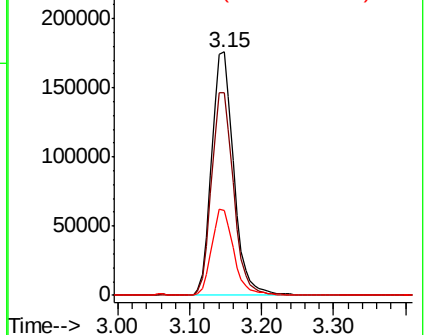
53 100

52 83.4 66.5 99.7

51 35.2 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: 311.194 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008921.D

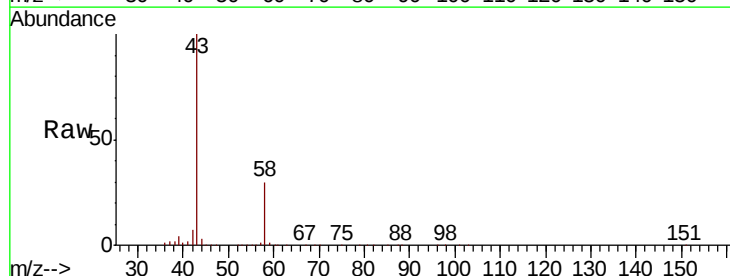
Acq: 13 Apr 2019 05:32

Tgt Ion: 43 Resp: 365163

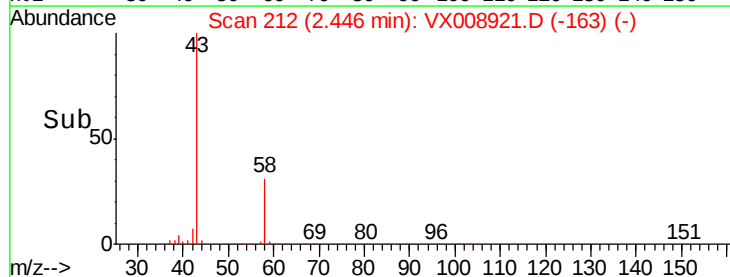
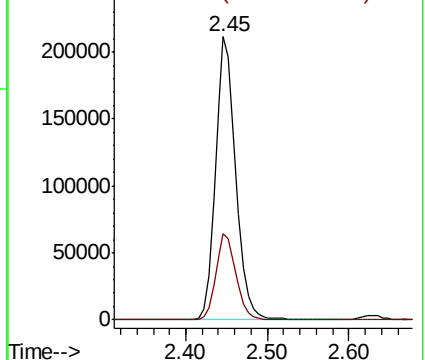
Ion Ratio Lower Upper

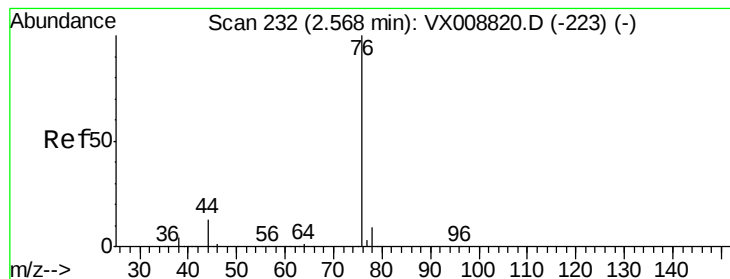
43 100

58 30.5 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: 45.213 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampled :

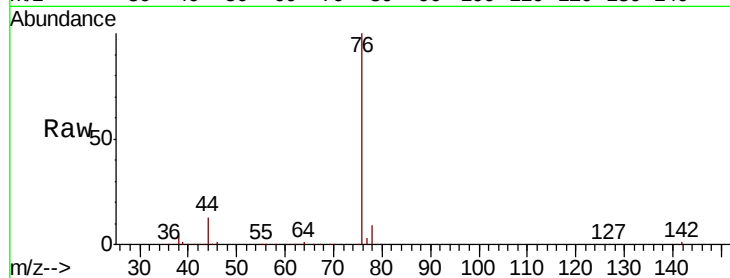
S8-0703MS

Tot Ion: 76 Resp: 211163

Ion Ratio Lower Upper

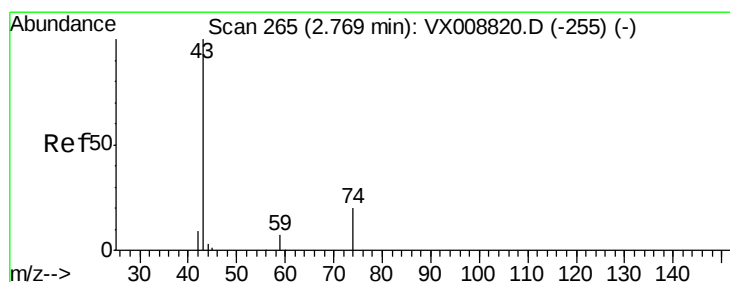
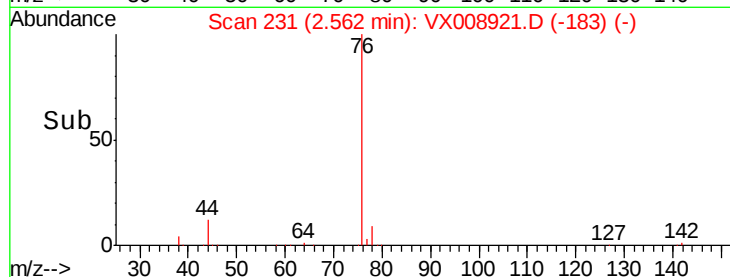
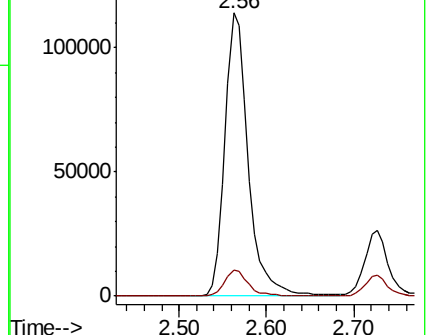
76 100

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: 46.049 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008921.D

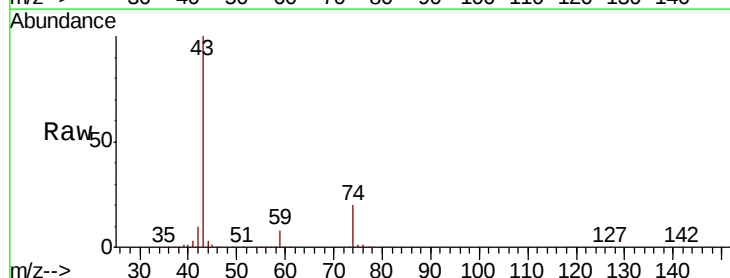
Acq: 13 Apr 2019 05:32

Tgt Ion: 43 Resp: 131051

Ion Ratio Lower Upper

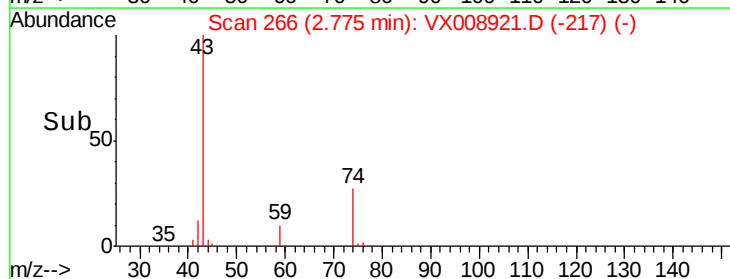
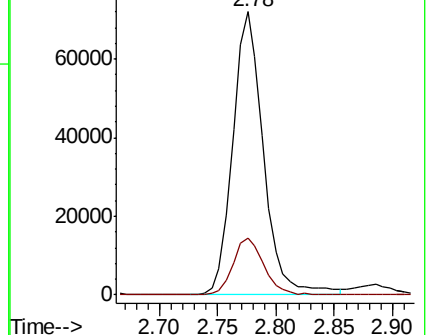
43 100

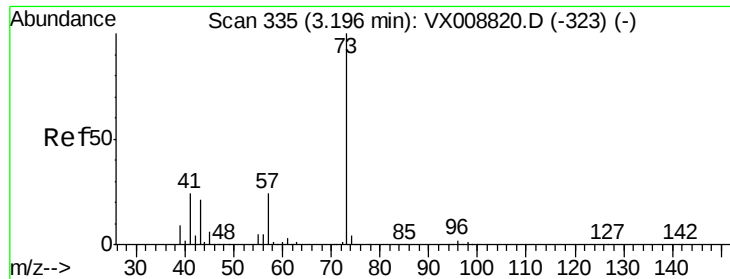
74 20.0 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



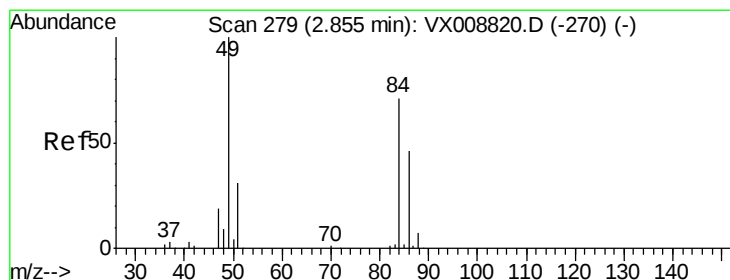
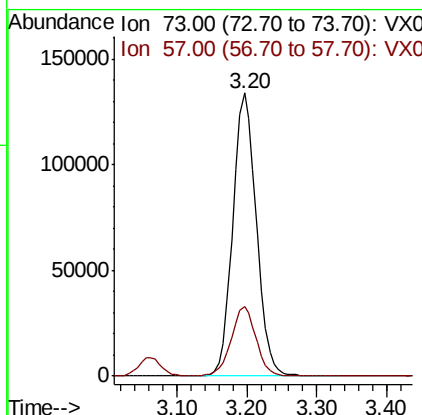
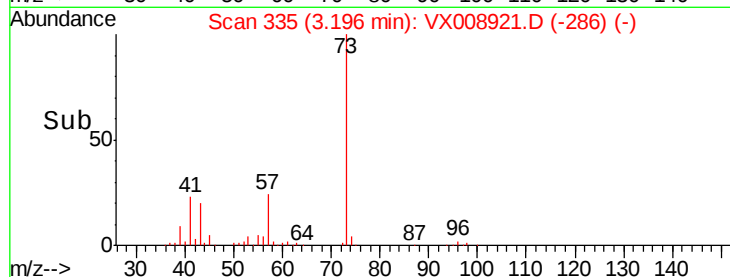
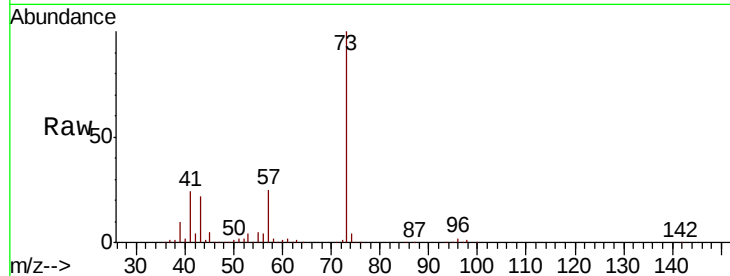


#19

Methyl tert-butyl Ether
 Concen: 54.245 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MS

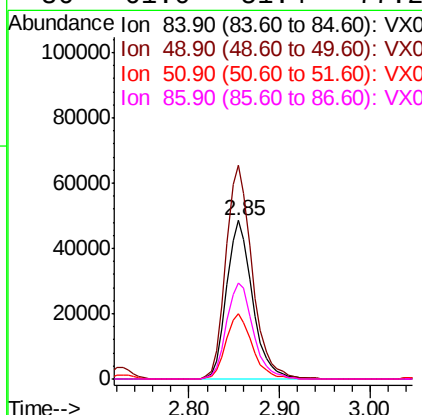
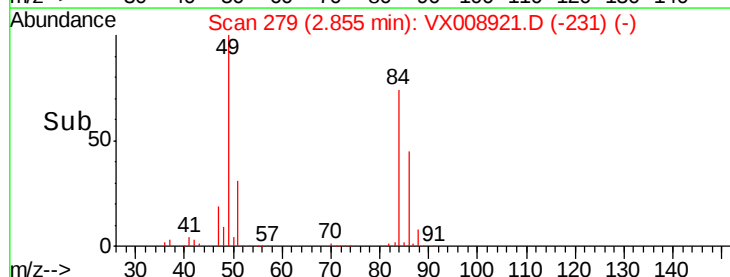
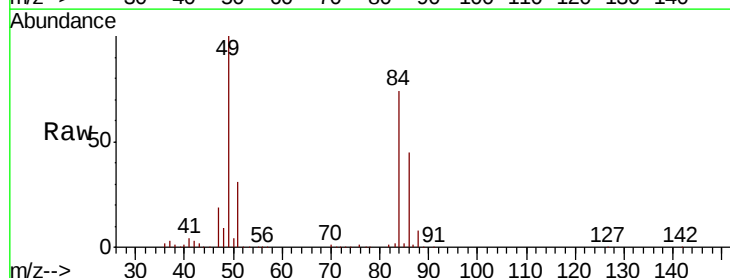
Tot Ion: 73 Resp: 312823
 Ion Ratio Lower Upper
 73 100
 57 24.6 19.5 29.3

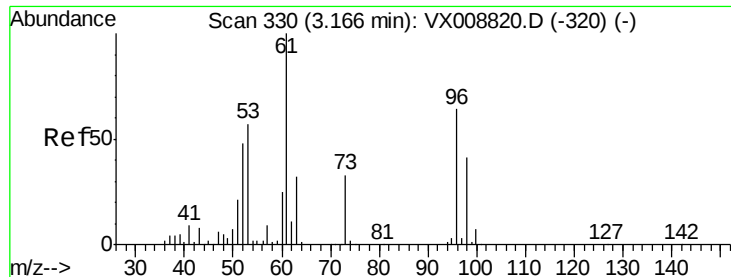


#20

Methylene Chloride
 Concen: 48.932 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Tgt Ion: 84 Resp: 96110
 Ion Ratio Lower Upper
 84 100
 49 134.9 109.7 164.5
 51 41.5 33.6 50.4
 86 61.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 45.875 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MS

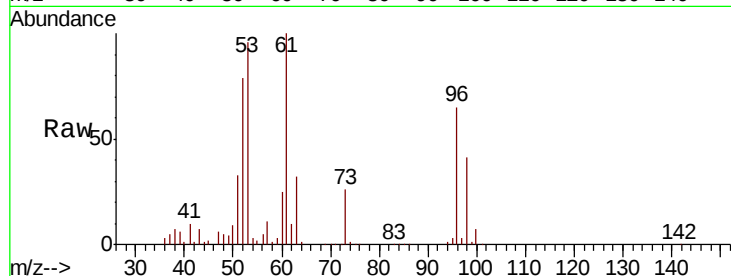
Tot Ion: 96 Resp: 80129

Ion Ratio Lower Upper

96 100

61 152.8 132.1 198.1

98 62.4 52.2 78.2

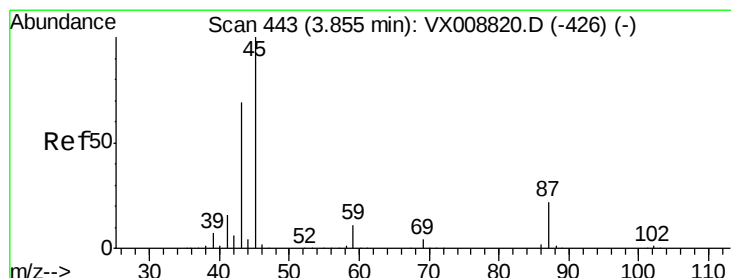
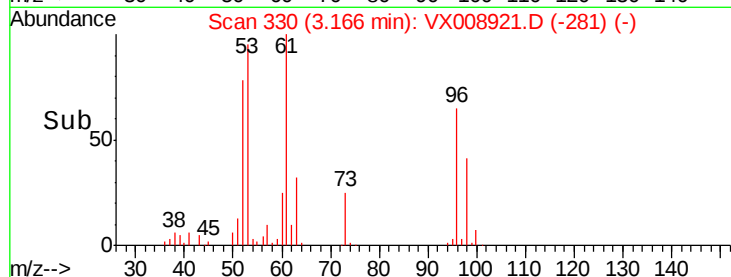
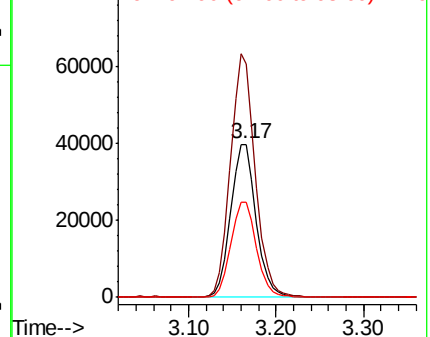


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.324 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Tgt Ion: 45 Resp: 358560

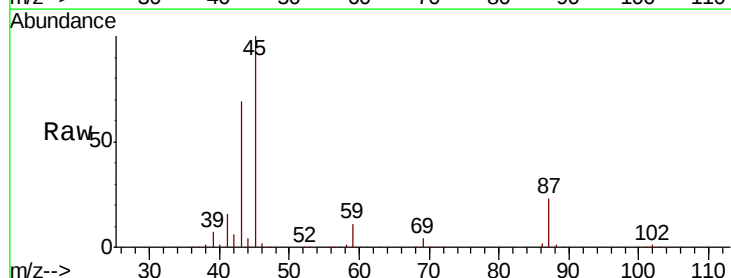
Ion Ratio Lower Upper

45 100

43 69.3 51.3 76.9

87 22.6 18.1 27.1

59 11.1 8.6 13.0



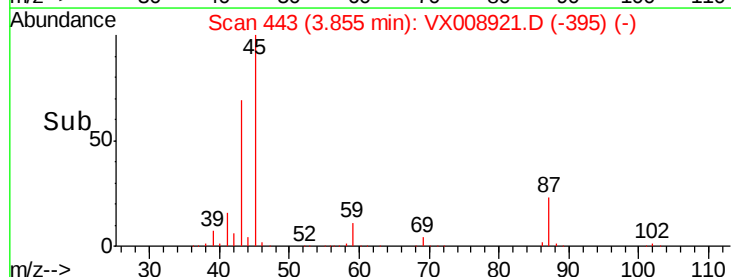
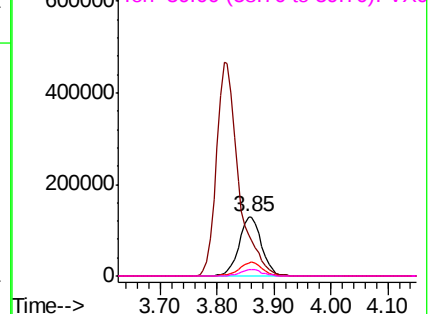
Abundance

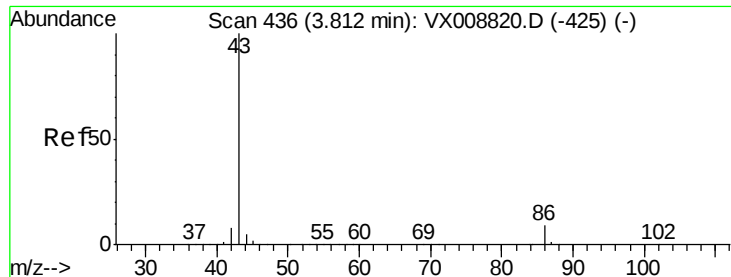
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 202.612 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampled :

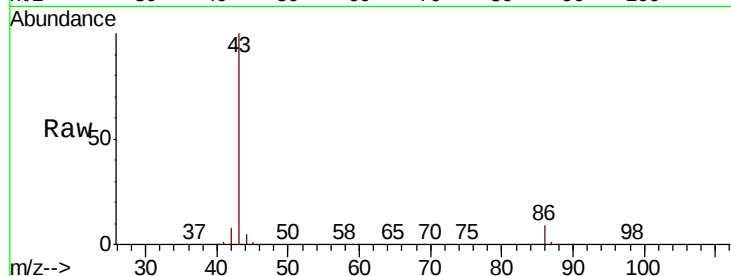
S8-0703MS

Tot Ion: 43 Resp: 1255856

Ion Ratio Lower Upper

43 100

86 8.5 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX008820.D (-425) (-)

Ion 86.00 (85.70 to 86.70): VX008820.D (-425) (-)

3.81

500000

400000

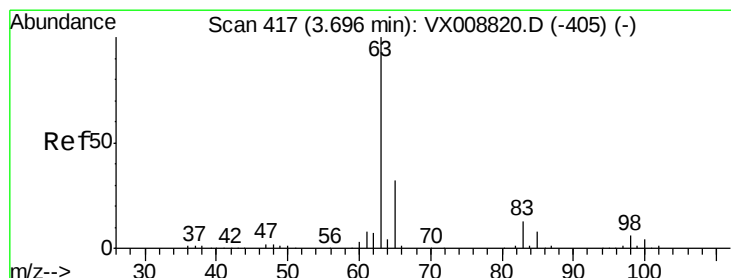
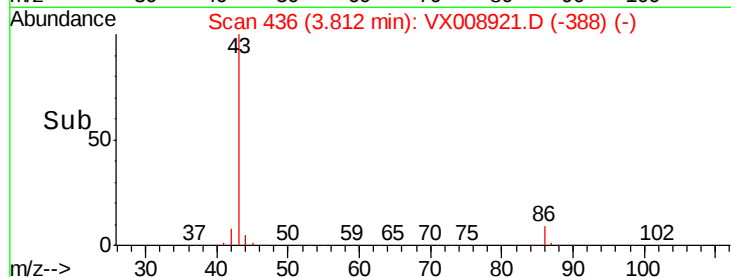
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.392 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

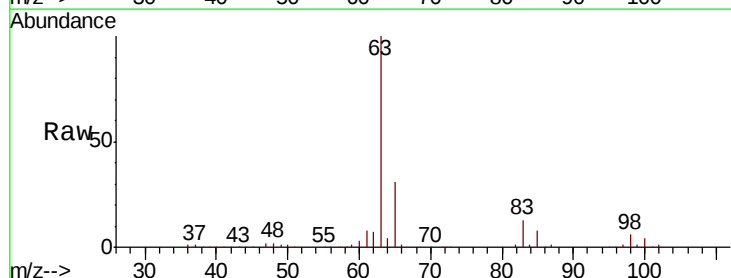
Tgt Ion: 63 Resp: 174241

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 4.0 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VX008820.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX008820.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX008820.D (-405) (-)

3.70

100000

80000

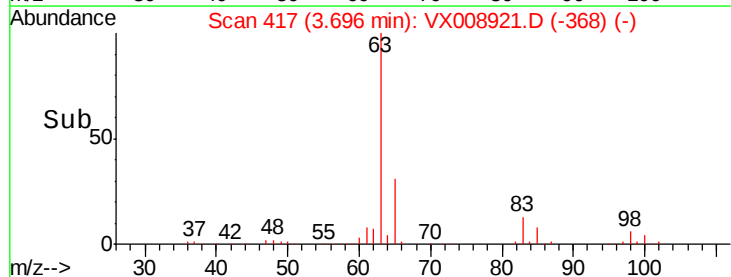
60000

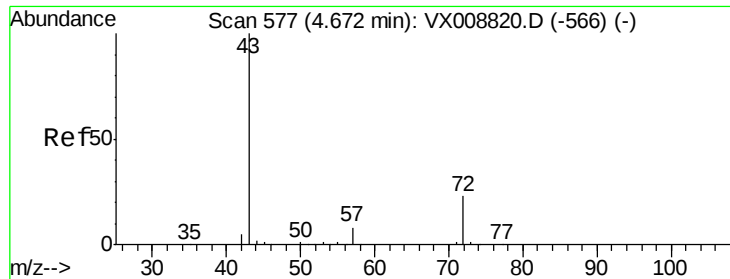
40000

20000

0

Time-->





#25

2-Butanone

Concen: 321.894 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

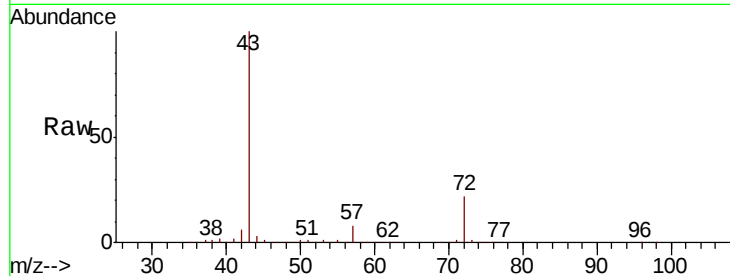
S8-0703MS

Tot Ion: 43 Resp: 596994

Ion Ratio Lower Upper

43 100

72 22.1 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

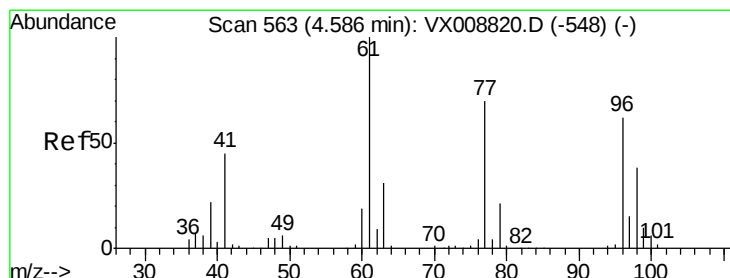
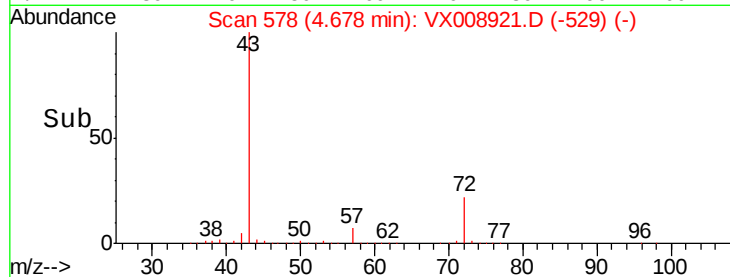
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 28.799 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008921.D

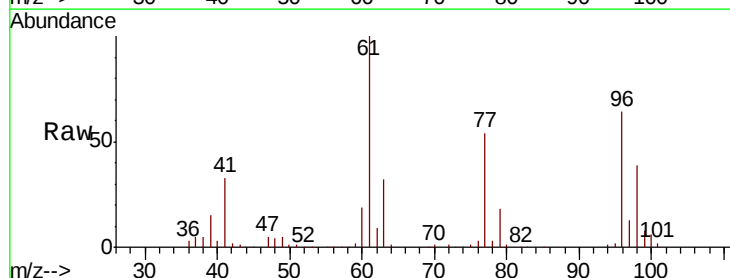
Acq: 13 Apr 2019 05:32

Tgt Ion: 77 Resp: 71555

Ion Ratio Lower Upper

77 100

97 26.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

10000

5000

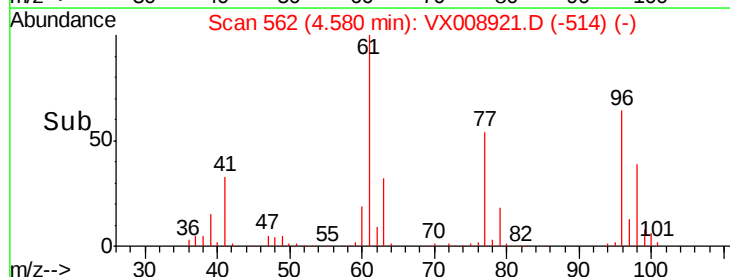
0

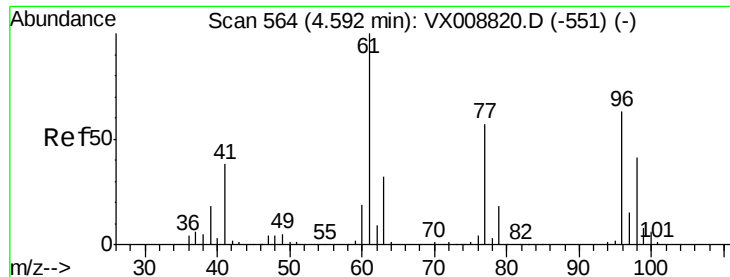
4.50

4.60

4.70

Time-->



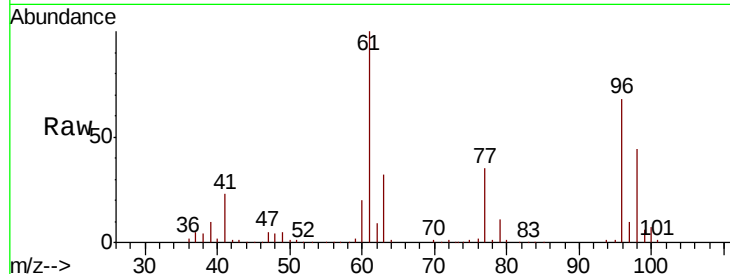


#27

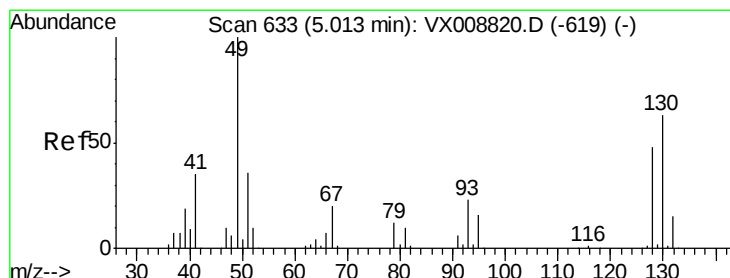
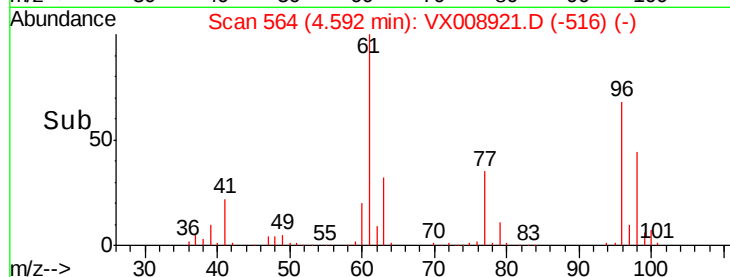
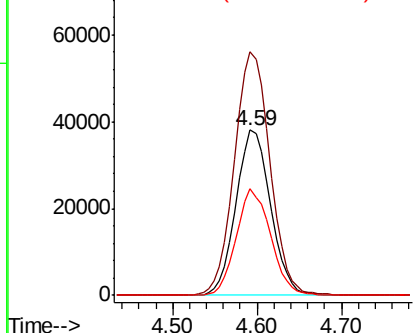
cis-1,2-Dichloroethene
 Concen: 52.929 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.2	0.0	327.6
98	63.9	0.0	128.6



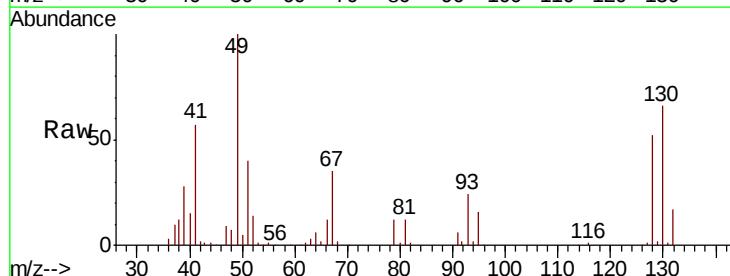
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



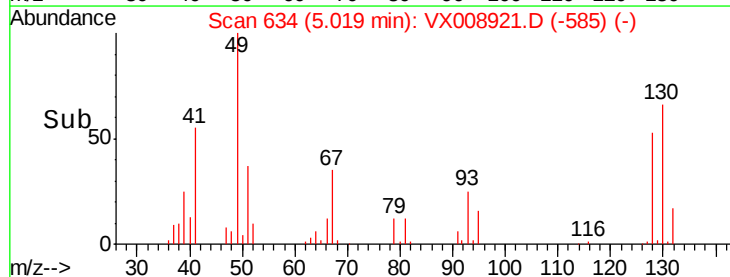
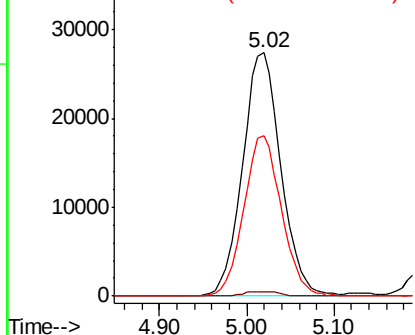
#28

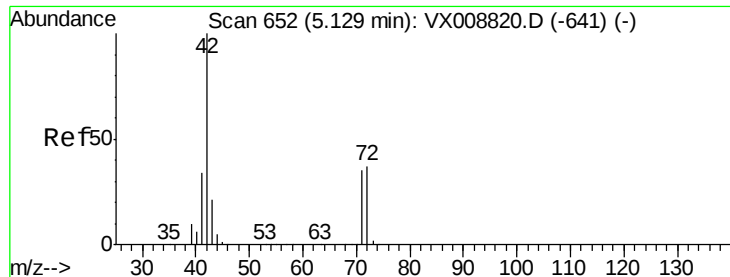
Bromochloromethane
 Concen: 57.004 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	64.5	49.3	73.9



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





#29

Tetrahydrofuran

Concen: 314.300 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MS

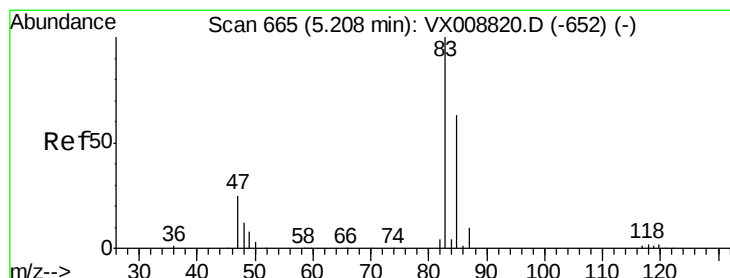
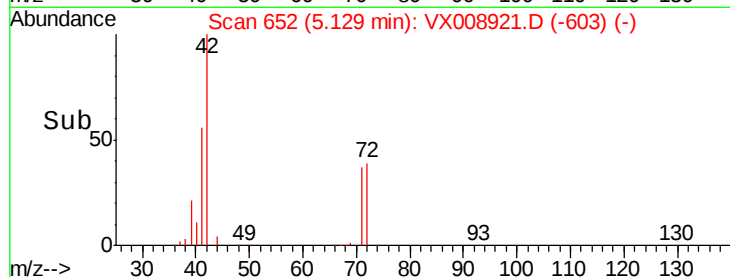
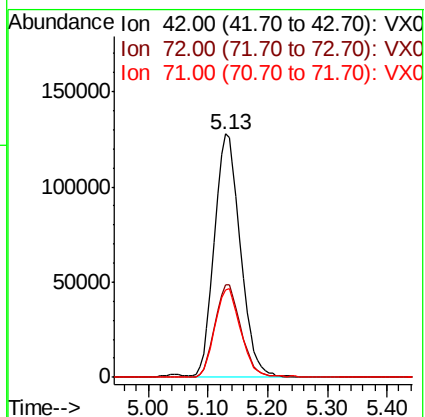
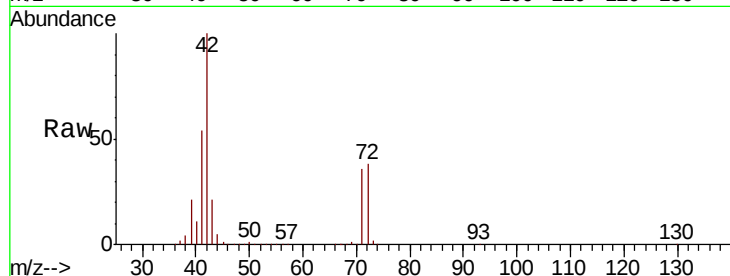
Tot Ion: 42 Resp: 386891

Ion Ratio Lower Upper

42 100

72 38.3 30.5 45.7

71 36.6 28.6 43.0



#30

Chloroform

Concen: 49.754 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008921.D

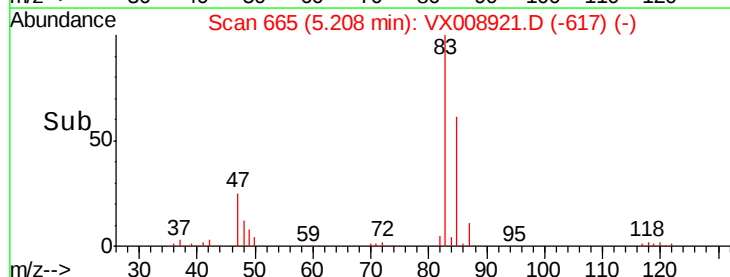
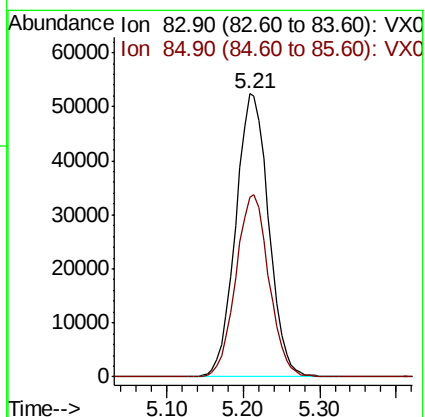
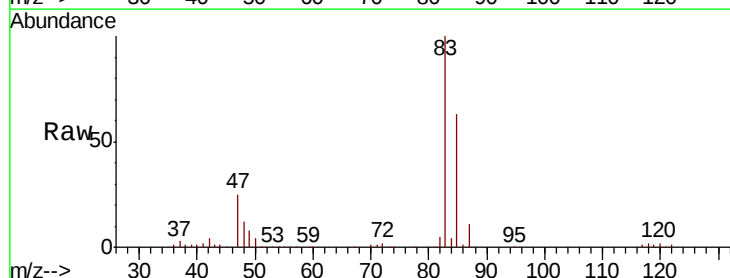
Acq: 13 Apr 2019 05:32

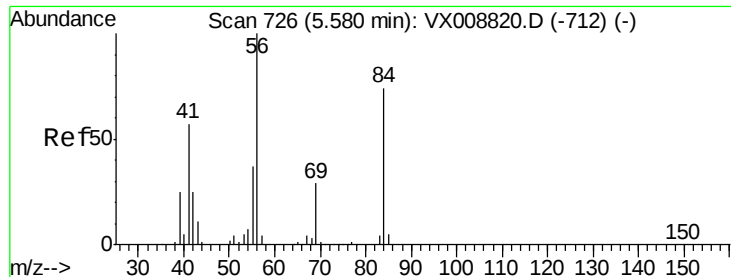
Tgt Ion: 83 Resp: 156766

Ion Ratio Lower Upper

83 100

85 63.3 52.1 78.1

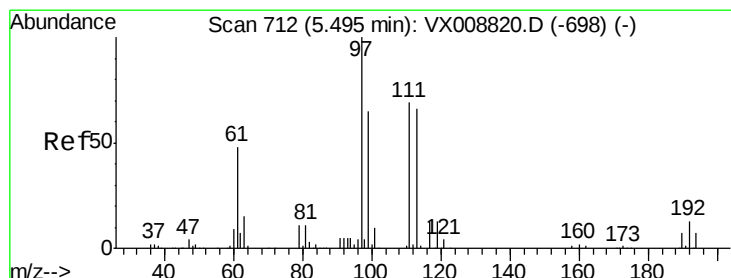
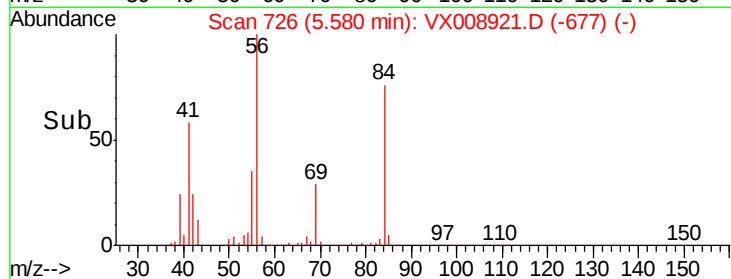
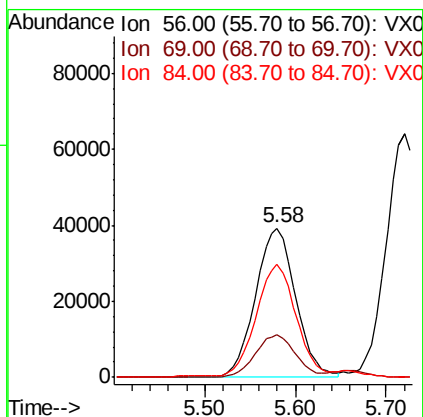
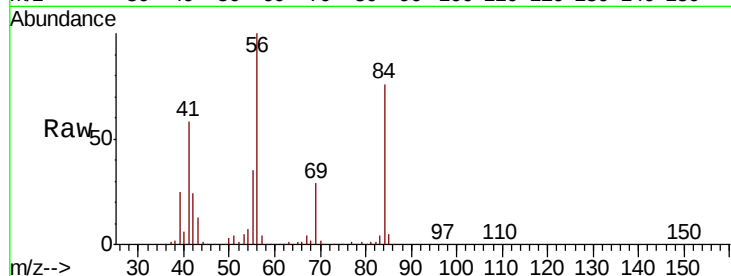




#31
Cyclohexane
Concen: 34.262 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008921.D
Acq: 13 Apr 2019 05:32

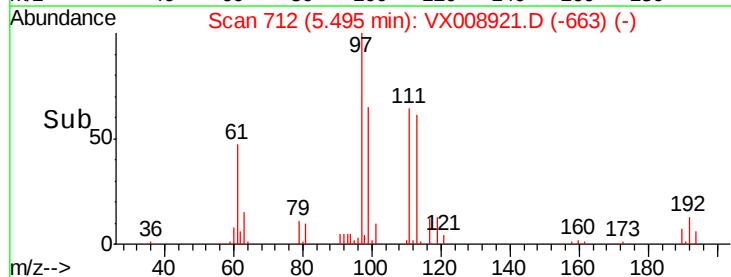
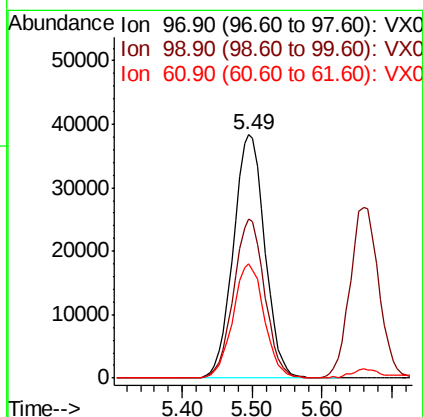
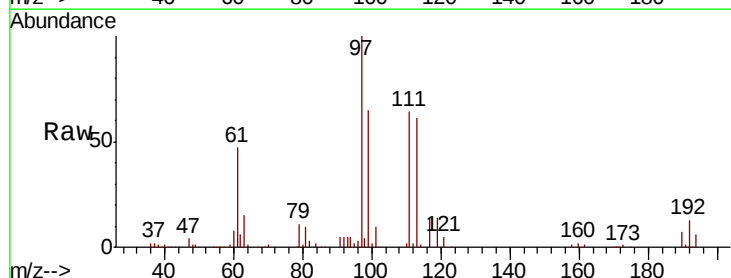
Instrument :
MSVOA_X
ClientSampleId :
S8-0703MS

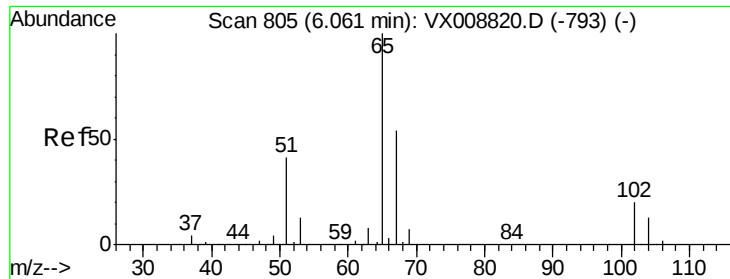
Tot Ion: 56 Resp: 120602
Ion Ratio Lower Upper
56 100
69 28.6 22.6 33.8
84 74.3 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 46.976 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008921.D
Acq: 13 Apr 2019 05:32

Tgt Ion: 97 Resp: 119608
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 47.0 38.9 58.3

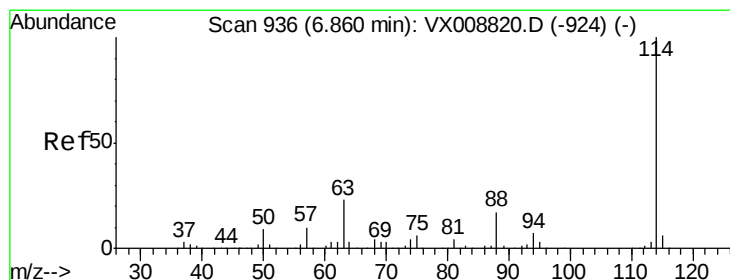
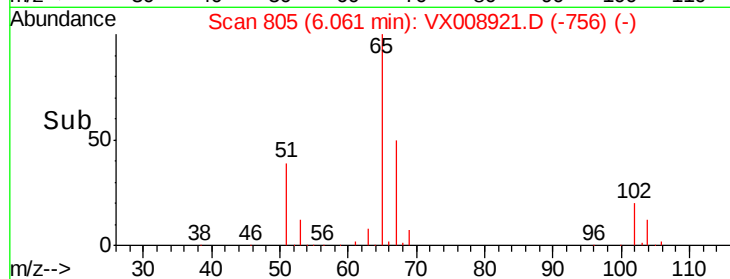
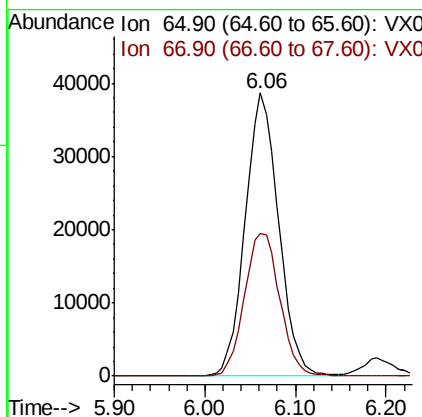
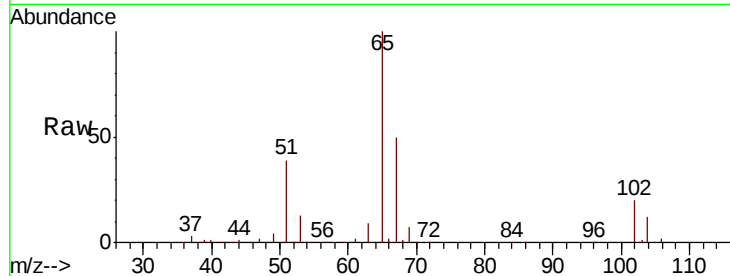




#33
 1,2-Dichloroethane-d4
 Concen: 48.408 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

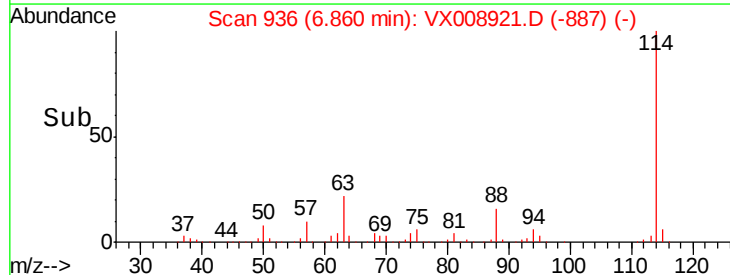
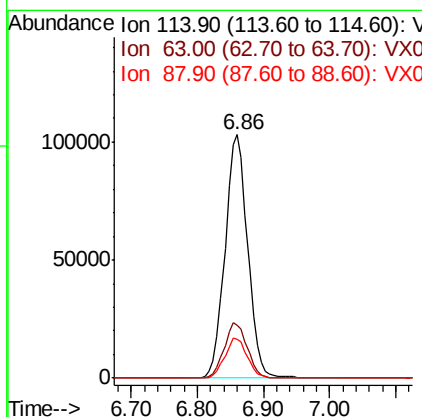
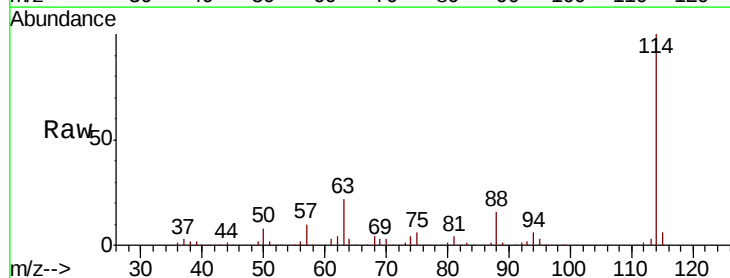
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MS

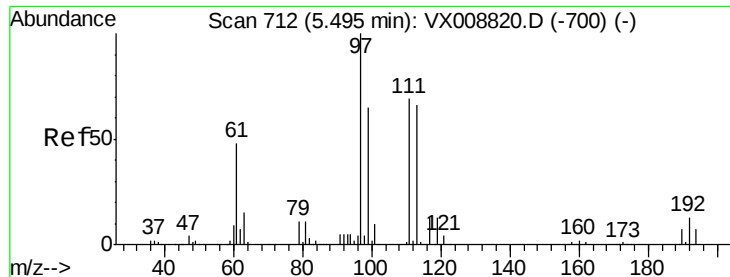
Tot Ion: 65 Resp: 98621
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Tgt Ion: 114 Resp: 244526
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 47.2
 88 15.8 0.0 34.0

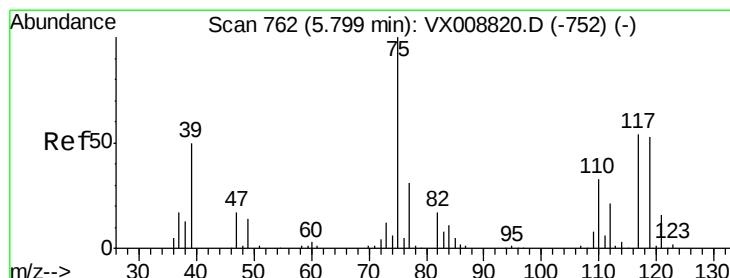
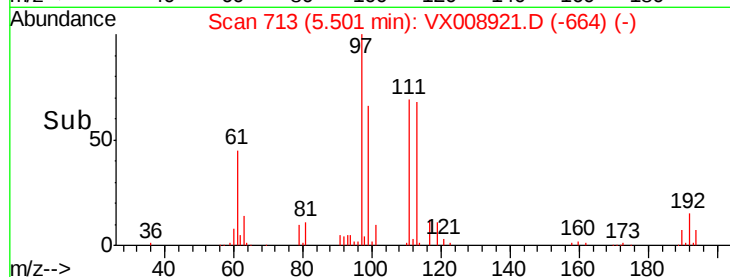
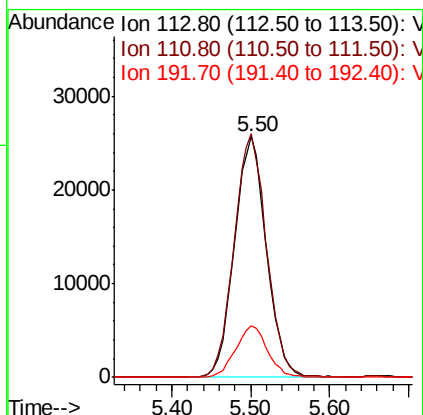
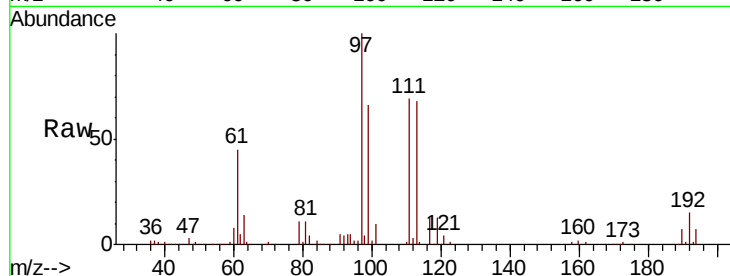




#35
 Dibromofluoromethane
 Concen: 46.263 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

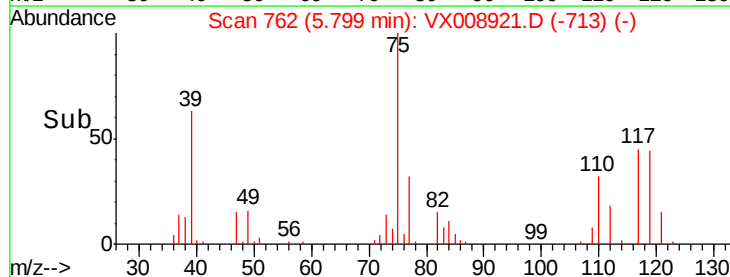
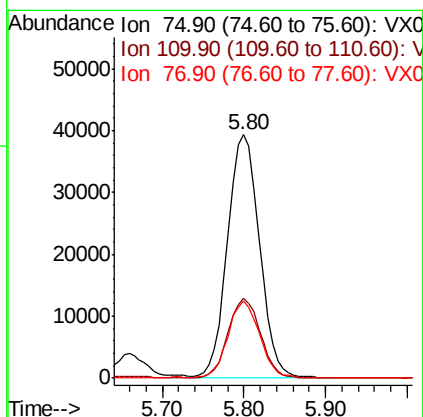
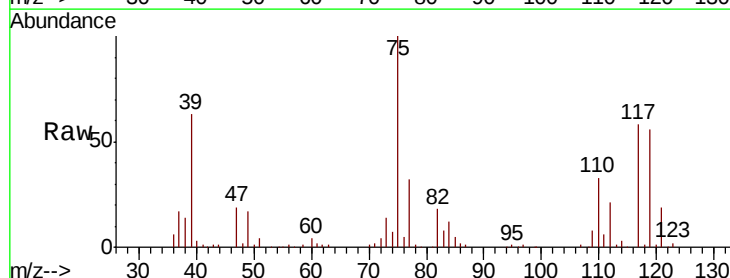
Instrument :
 MSVOA_X
 ClientSampleID :
 S8-0703MS

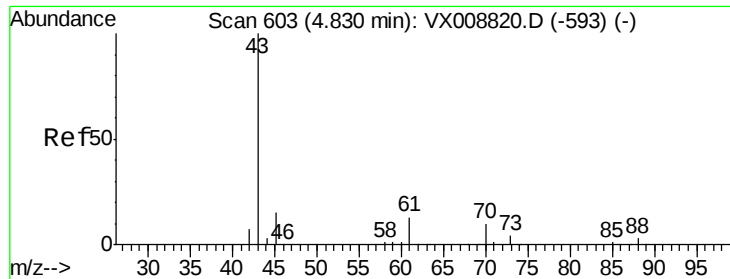
Tot Ion:113 Resp: 72328
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.4 125.2
 192 21.3 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 39.847 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Tgt Ion: 75 Resp: 106507
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.4 49.2
 77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 44.508 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampled :

S8-0703MS

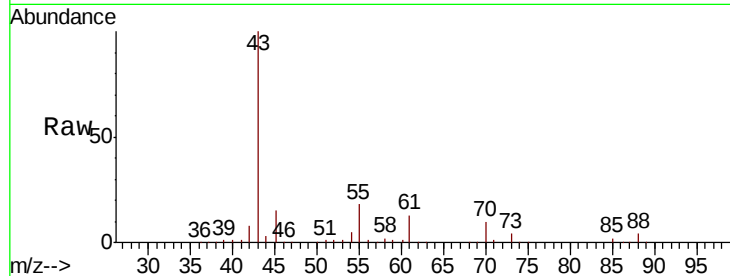
Tot Ion: 43 Resp: 158795

Ion Ratio Lower Upper

43 100

61 12.6 10.3 15.5

70 9.9 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

250000

200000

150000

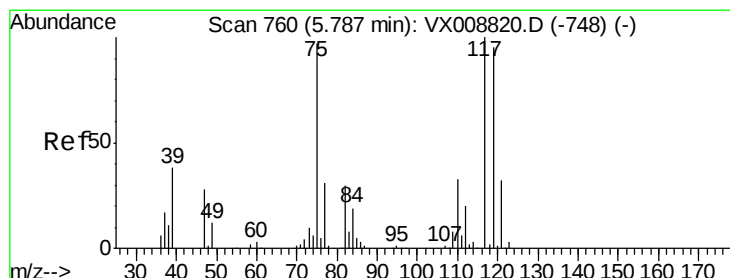
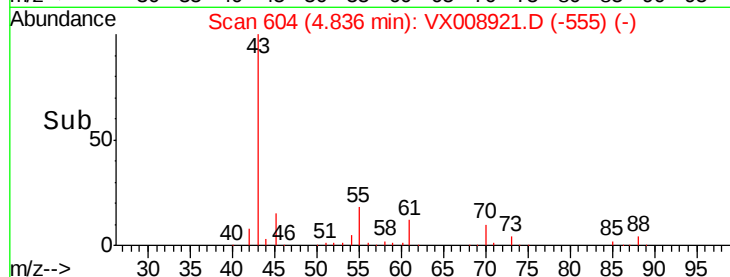
100000

50000

0

4.70 4.80 4.90 5.00

Time-->



#38

Carbon Tetrachloride

Concen: 42.046 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

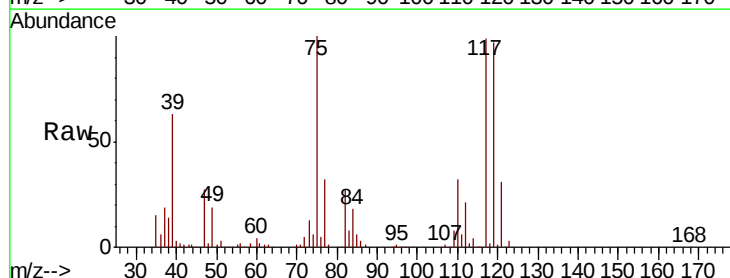
Tgt Ion: 117 Resp: 93018

Ion Ratio Lower Upper

117 100

119 97.7 75.0 112.6

121 31.3 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

40000

30000

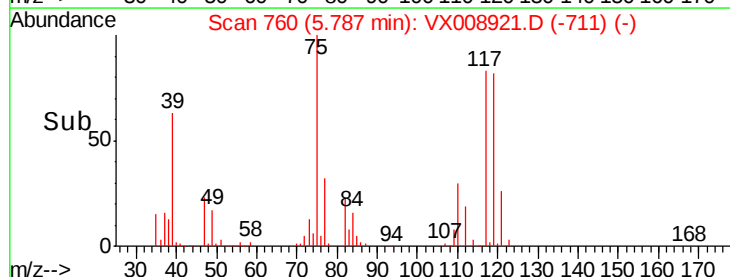
20000

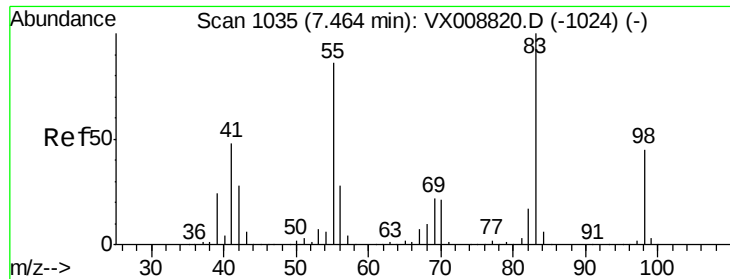
10000

0

5.70 5.80 5.90

Time-->

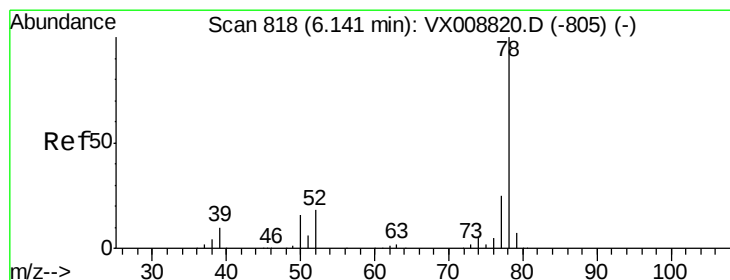
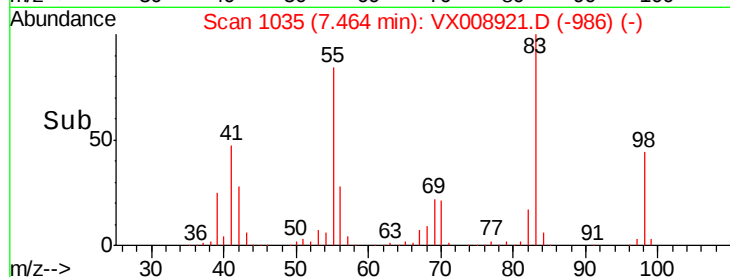
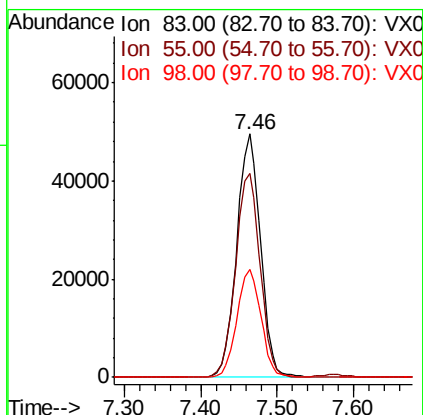
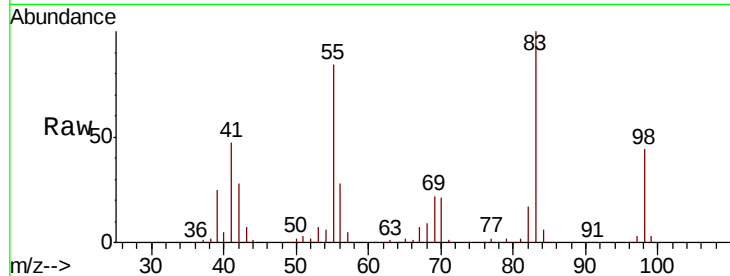




#39
Methvlcvclohexane
Concen: 32.296 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008921.D
Acq: 13 Apr 2019 05:32

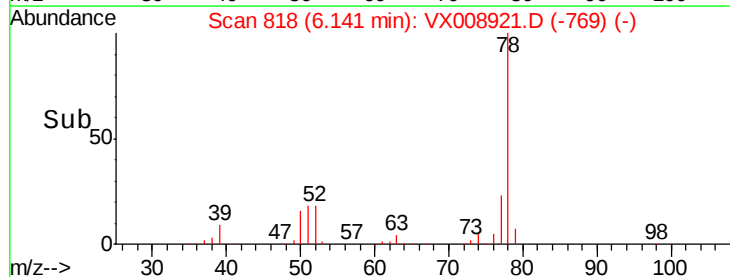
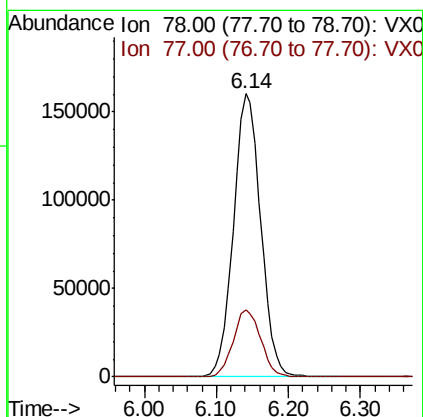
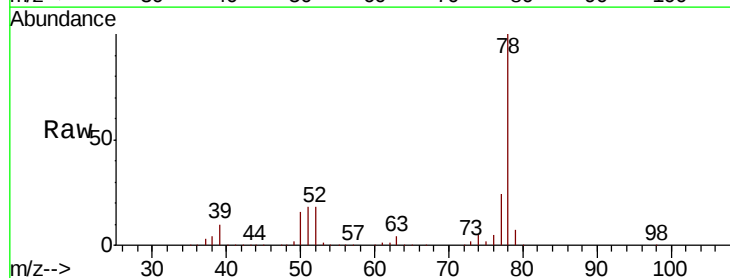
Instrument :
MSVOA_X
ClientSampleId :
S8-0703MS

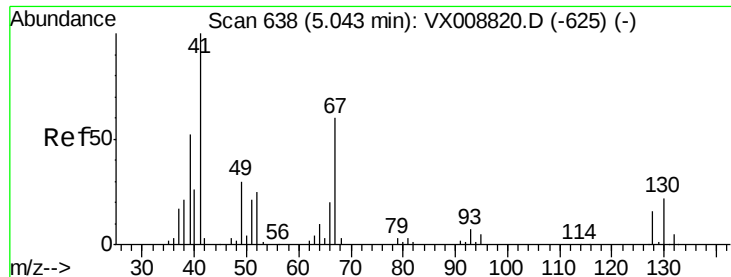
Tot Ion: 83 Resp: 106639
Ion Ratio Lower Upper
83 100
55 83.5 69.0 103.6
98 44.4 34.4 51.6



#40
Benzene
Concen: 52.865 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008921.D
Acq: 13 Apr 2019 05:32

Tgt Ion: 78 Resp: 420963
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

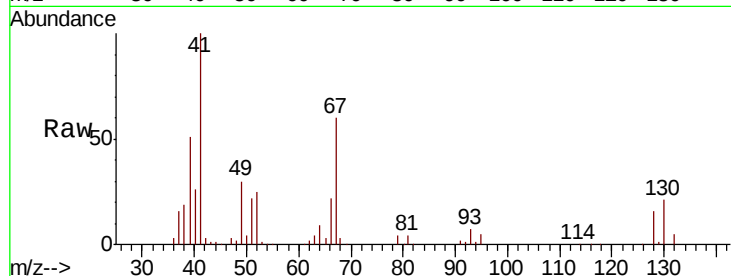




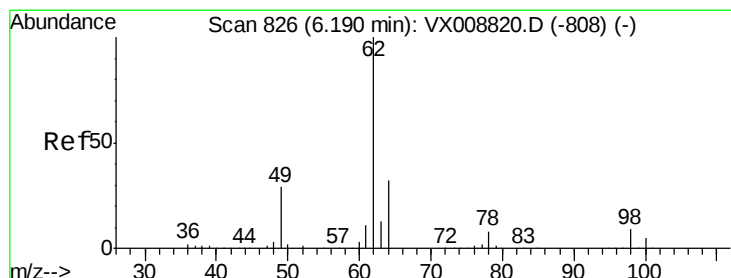
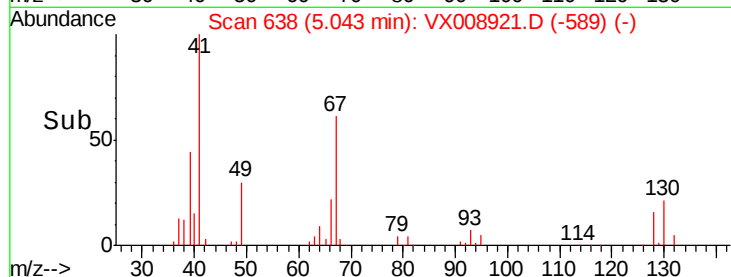
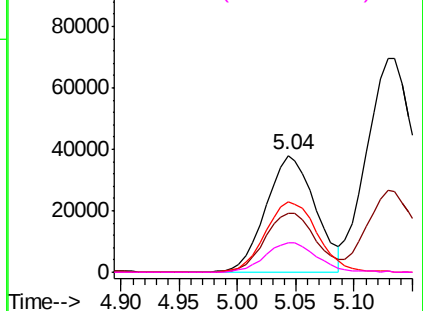
#41
Methacrylonitrile
Concen: 54.211 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008921.D
Acq: 13 Apr 2019 05:32

Instrument :
MSVOA_X
ClientSampleId :
S8-0703MS

Tot Ion:	41	Resp:	111176
Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.1	63.1
67	64.2	51.0	76.6
52	26.3	21.4	32.0

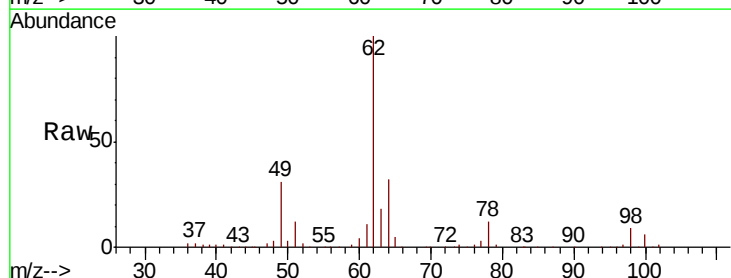


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

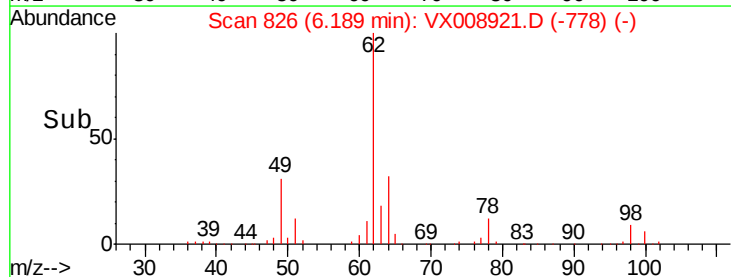
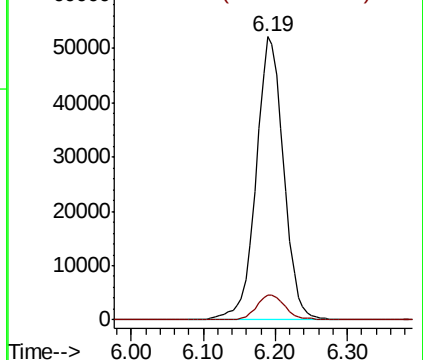


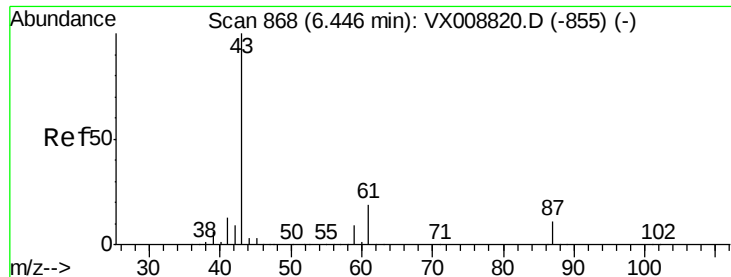
#42
1,2-Dichloroethane
Concen: 48.460 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008921.D
Acq: 13 Apr 2019 05:32

Tgt Ion:	62	Resp:	138339
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0



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





#43

Isopropyl Acetate

Concen: 47.318 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MS

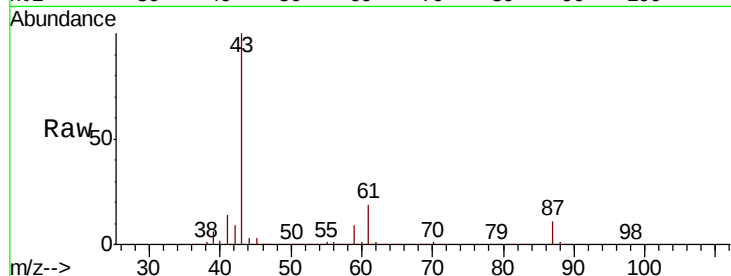
Tot Ion: 43 Resp: 264457

Ion Ratio Lower Upper

43 100

61 19.2 15.3 22.9

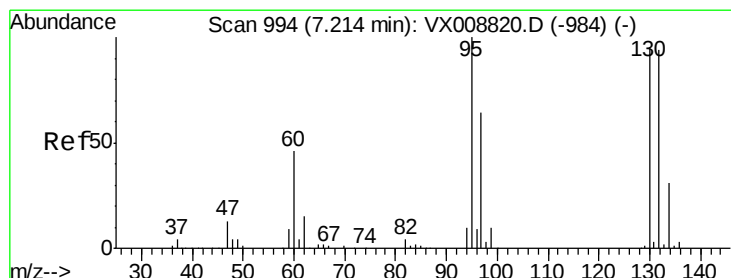
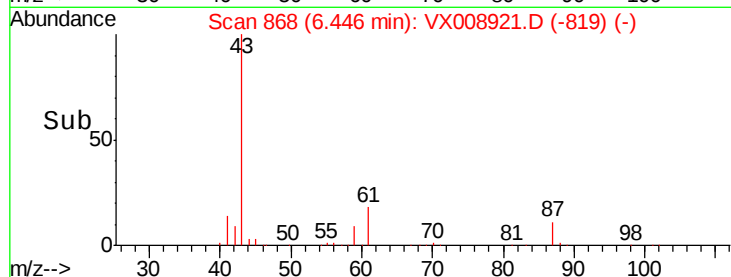
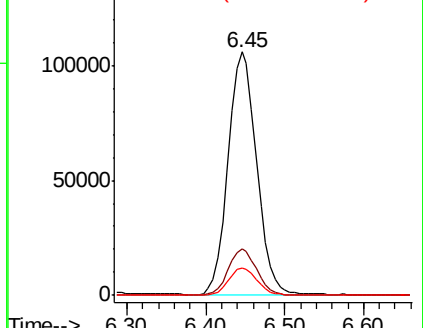
87 11.4 9.0 13.6



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: 44.538 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008921.D

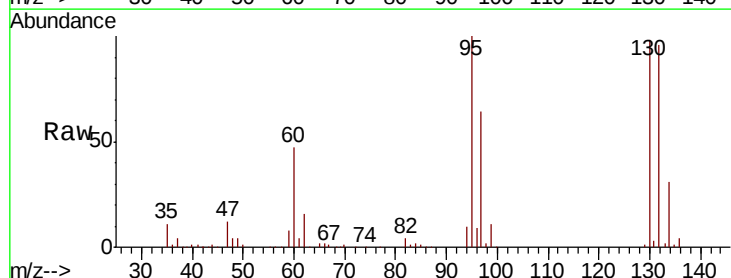
Acq: 13 Apr 2019 05:32

Tgt Ion:130 Resp: 82601

Ion Ratio Lower Upper

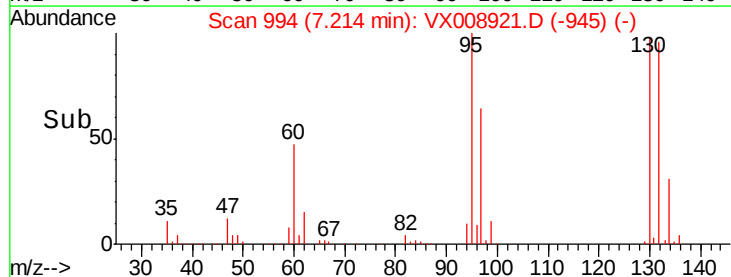
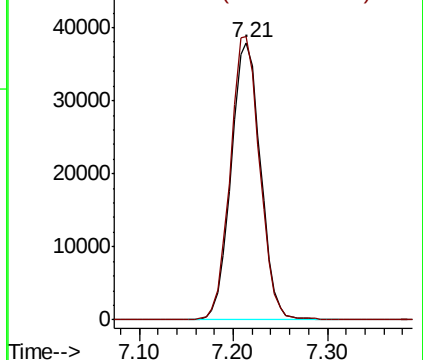
130 100

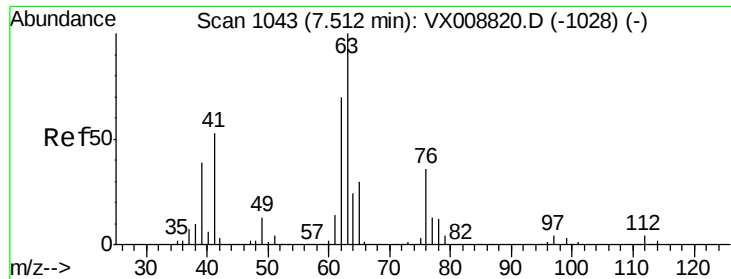
95 102.2 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

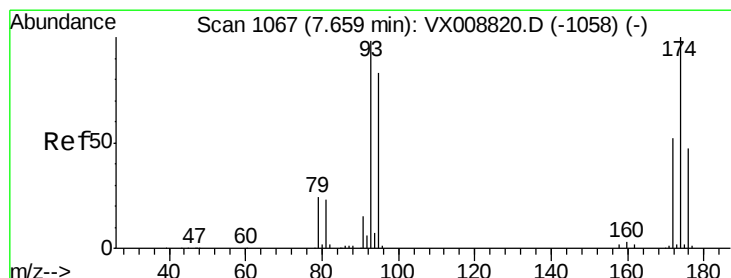
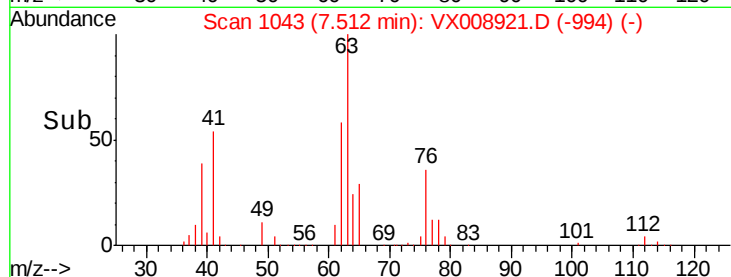
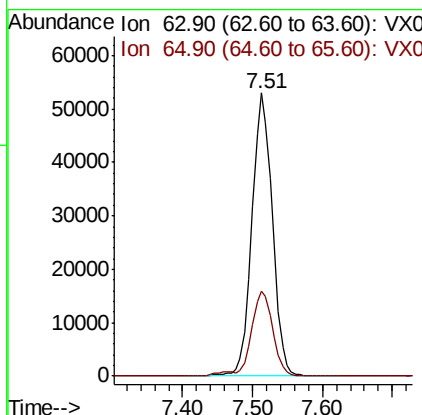
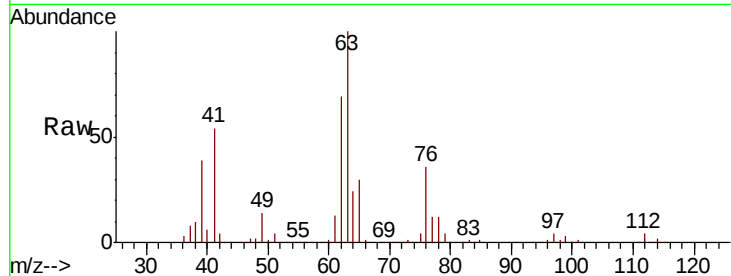




#45
 1,2-Dichloropropane
 Concen: 47.424 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

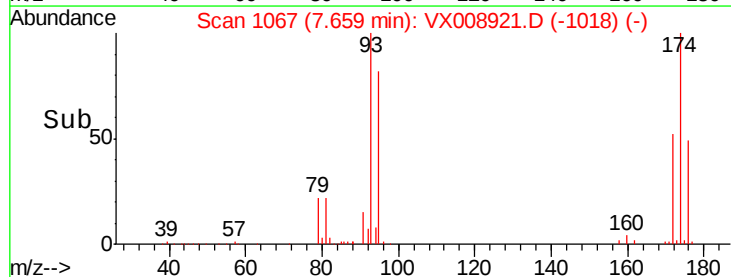
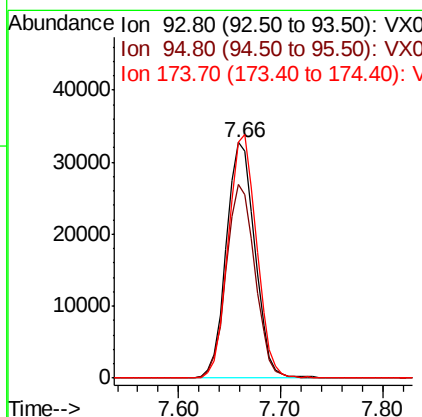
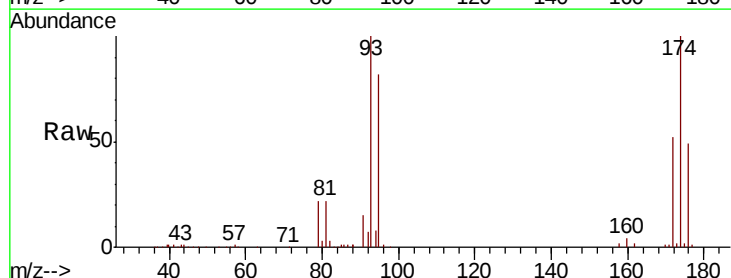
Instrument :
 MSVOA_X
 ClientSampled :
 S8-0703MS

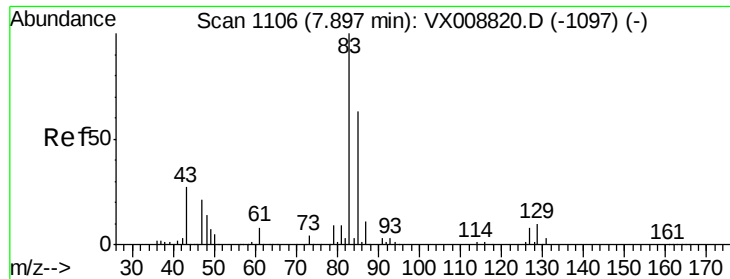
Tot Ion: 63 Resp: 107787
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.2 36.4



#46
 Dibromomethane
 Concen: 48.189 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Tgt Ion: 93 Resp: 63522
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.6 99.8
 174 102.5 77.7 116.5





#47

Bromodichloromethane

Concen: 49.773 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MS

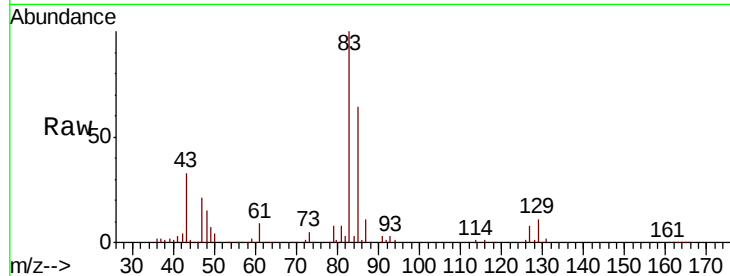
Tot Ion: 83 Resp: 123707

Ion Ratio Lower Upper

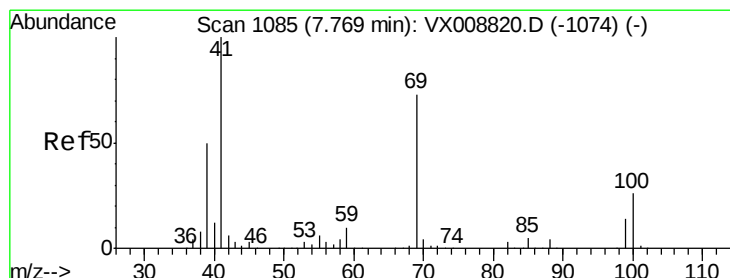
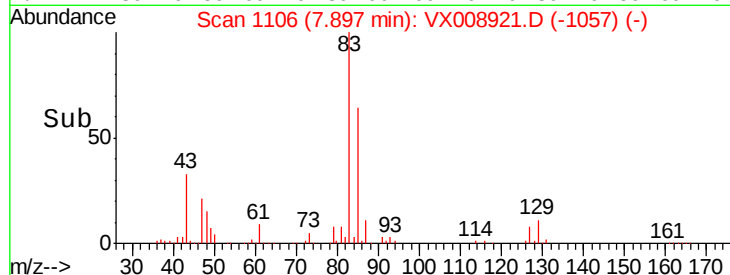
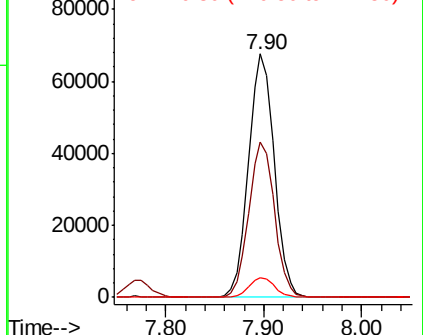
83 100

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: 55.068 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

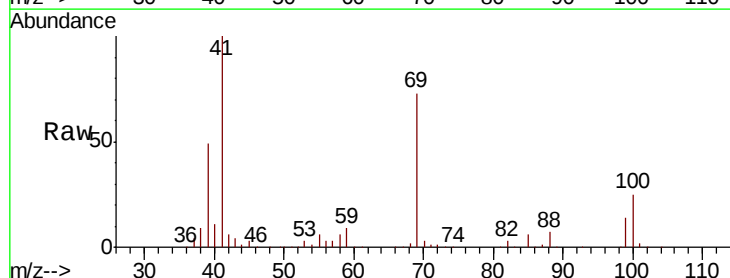
Tgt Ion: 41 Resp: 155686

Ion Ratio Lower Upper

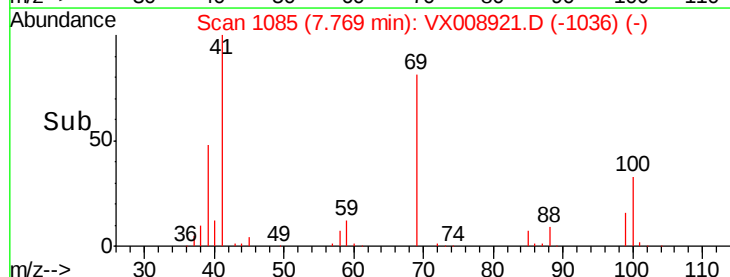
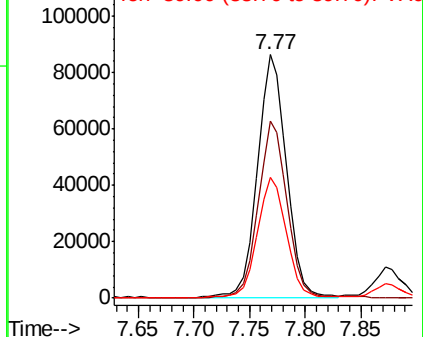
41 100

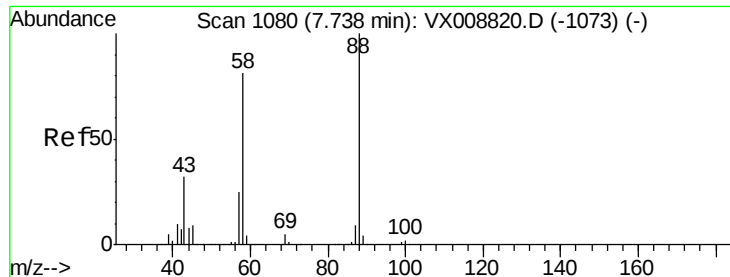
69 73.2 59.0 88.4

39 50.0 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

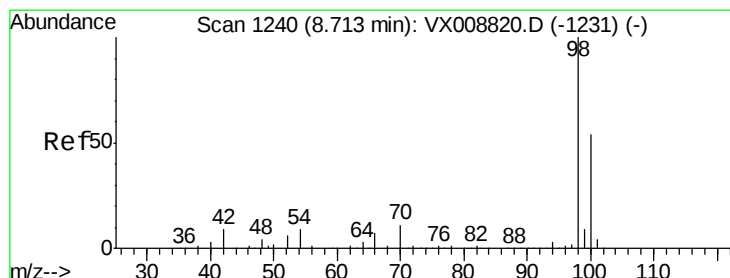
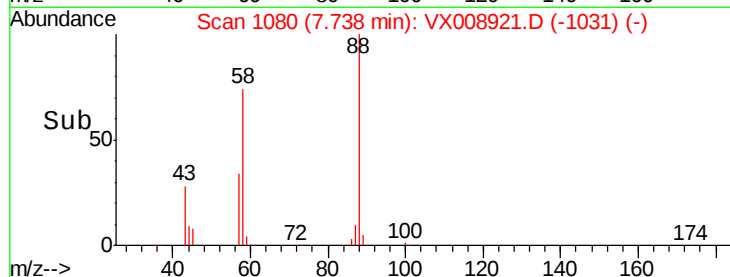
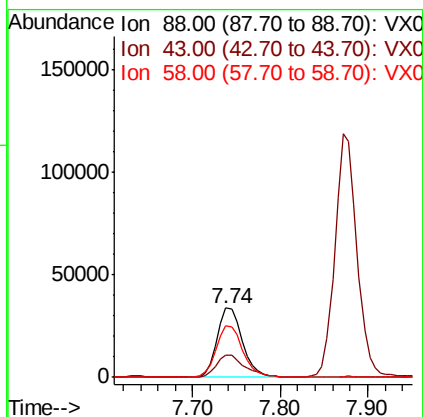
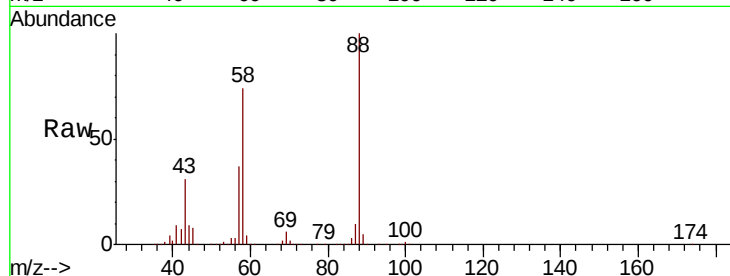




#49
 1,4-Dioxane
 Concen: 1295.298 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

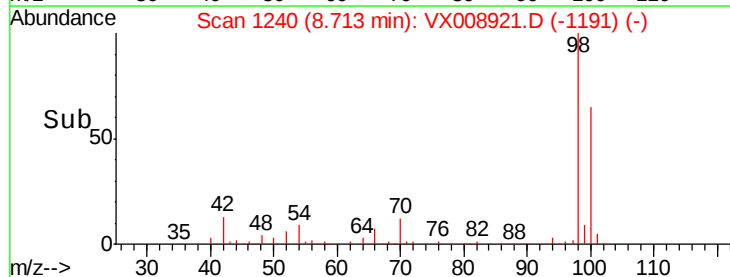
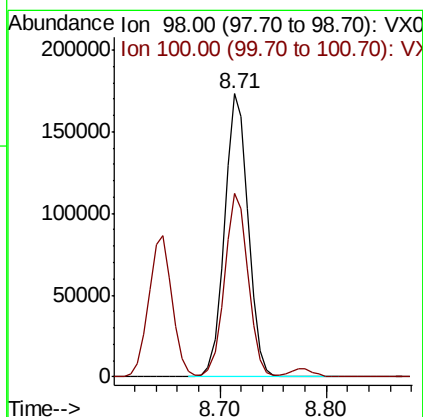
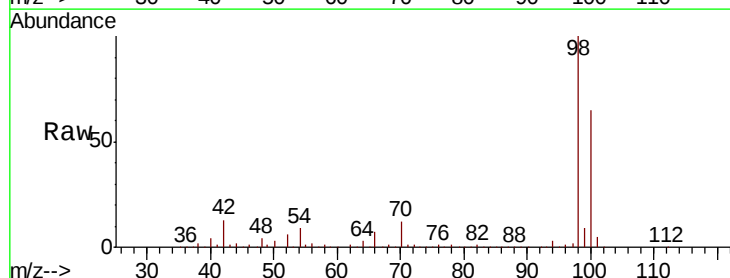
Instrument :
 MSVOA_X
 ClientSampleID :
 S8-0703MS

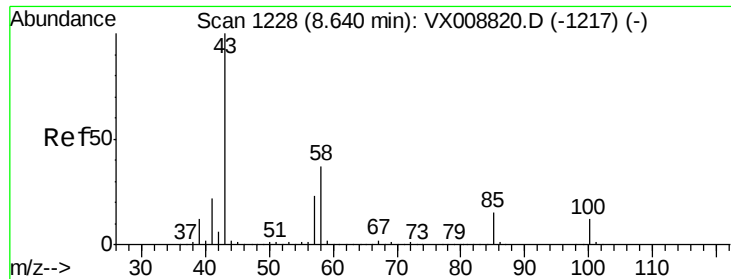
Tot Ion: 88 Resp: 68600
 Ion Ratio Lower Upper
 88 100
 43 35.2 28.6 43.0
 58 77.5 62.2 93.2



#50
 Toluene-d8
 Concen: 43.005 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Tgt Ion: 98 Resp: 267707
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 295.584 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

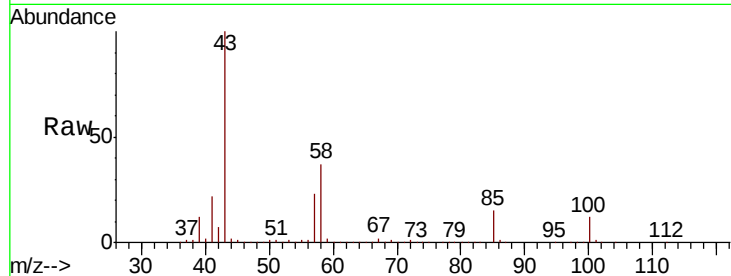
S8-0703MS

Tot Ion: 43 Resp: 1063454

Ion Ratio Lower Upper

43 100

58 37.2 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

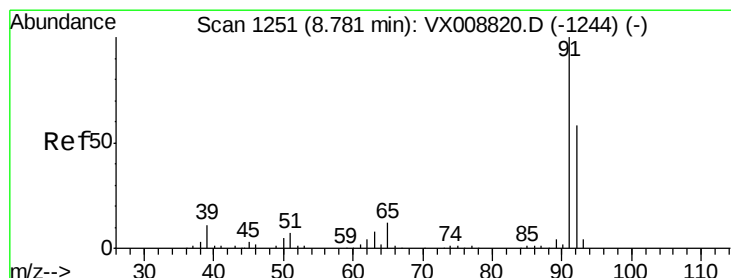
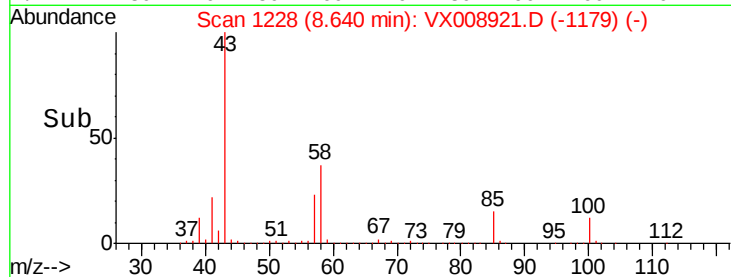
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 46.930 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008921.D

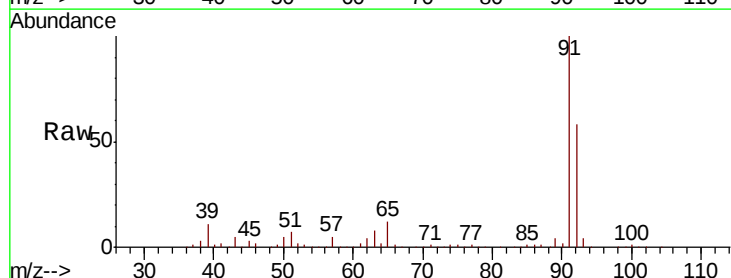
Acq: 13 Apr 2019 05:32

Tgt Ion: 92 Resp: 220317

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

8.79

250000

200000

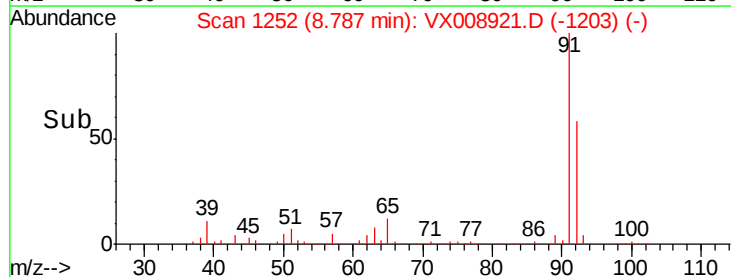
150000

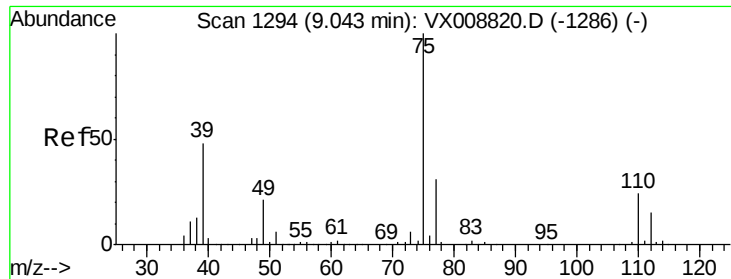
100000

50000

0

Time-->

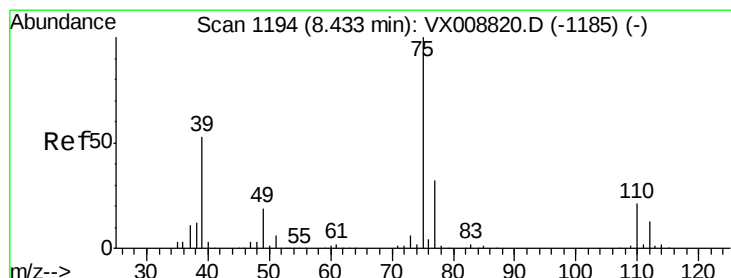
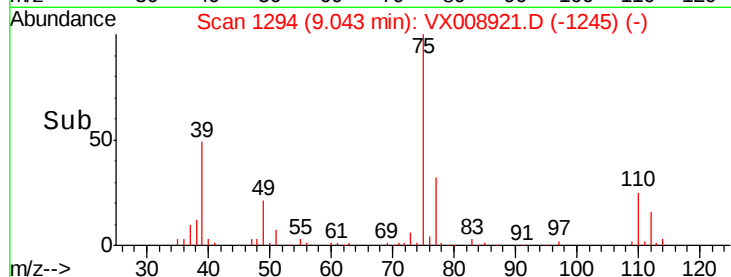
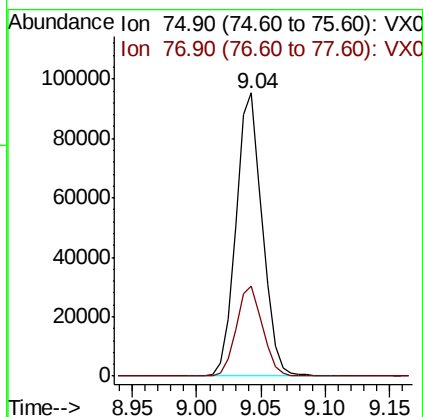
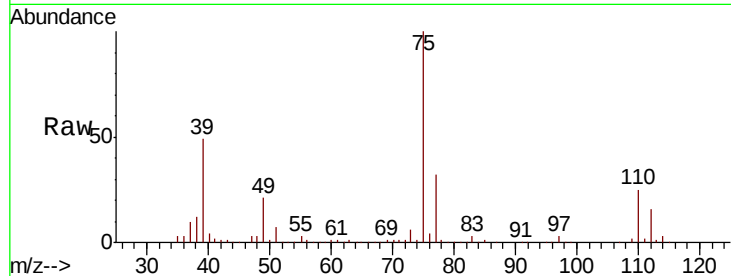




#53
 t-1,3-Dichloropropene
 Concen: 48.595 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

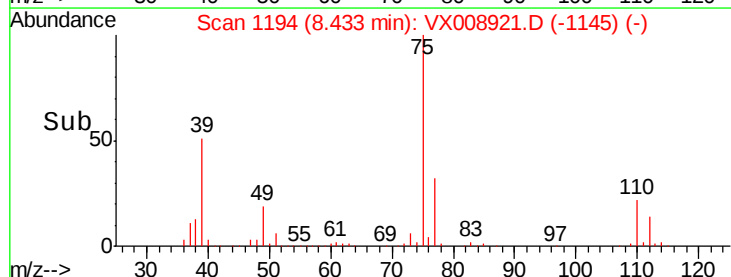
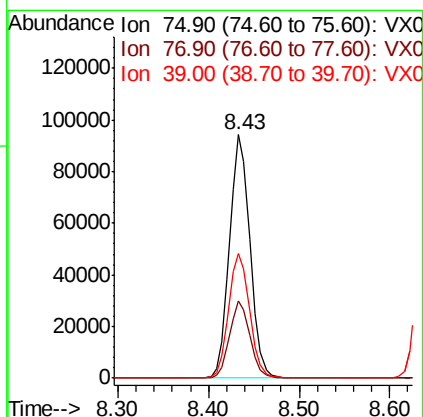
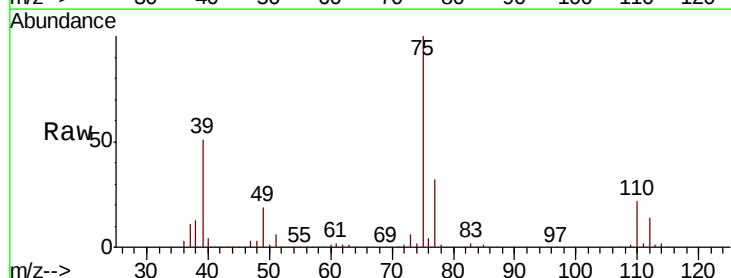
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MS

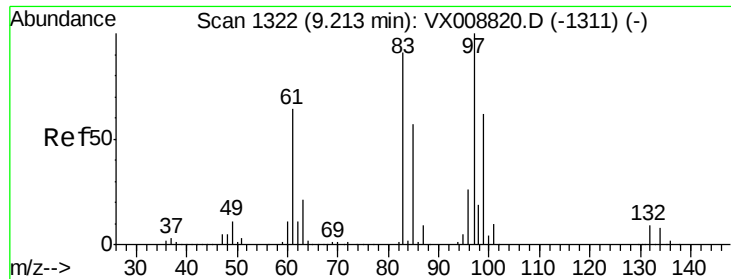
Tot Ion: 75 Resp: 135295
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 46.492 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Tgt Ion: 75 Resp: 147903
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 51.0 42.6 63.8

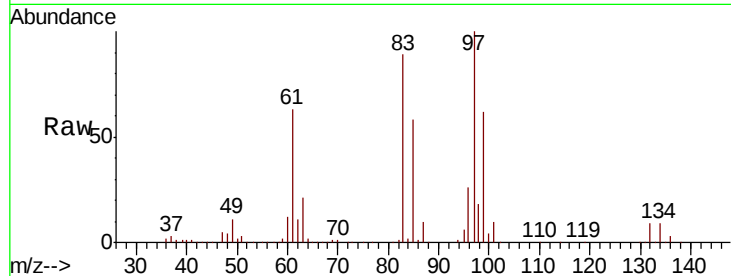




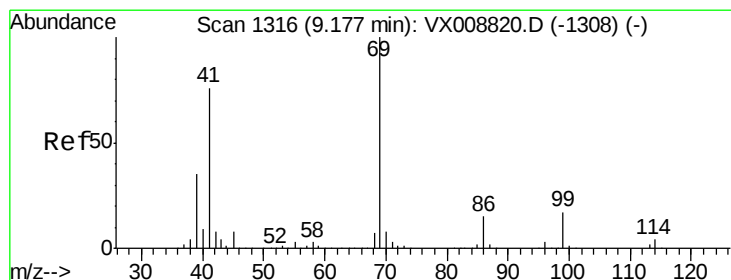
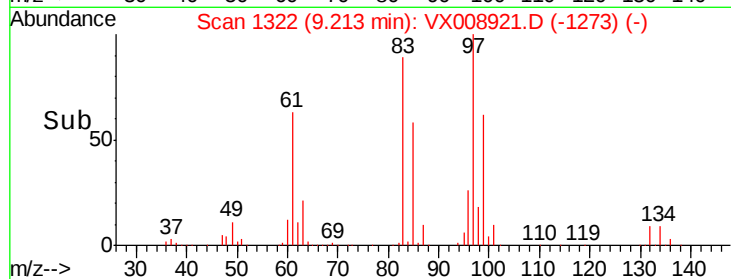
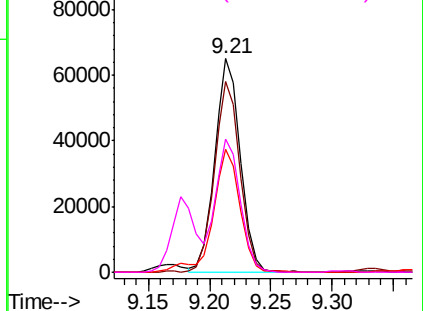
#55
 1,1,2-Trichloroethane
 Concen: 50.318 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MS

Tot Ion: 97 Resp: 94821
 Ion Ratio Lower Upper
 97 100
 83 88.8 73.2 109.8
 85 57.4 46.6 69.8
 99 61.4 50.1 75.1

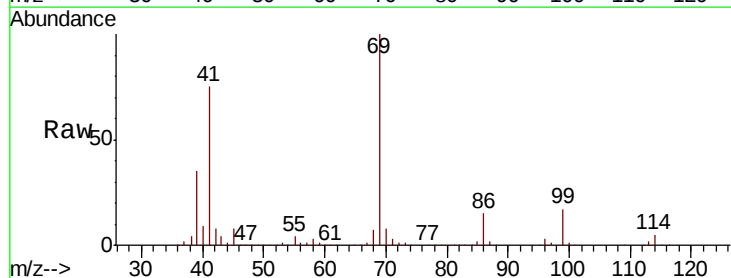


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

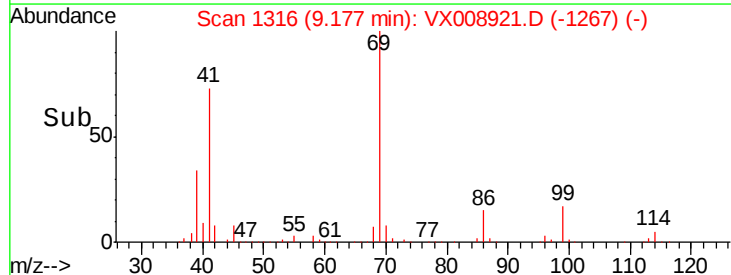
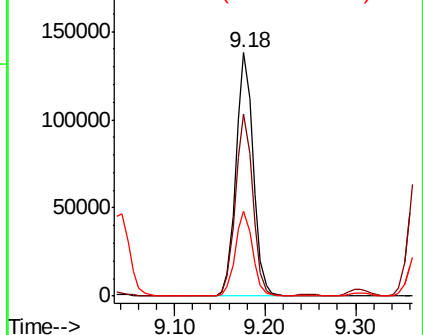


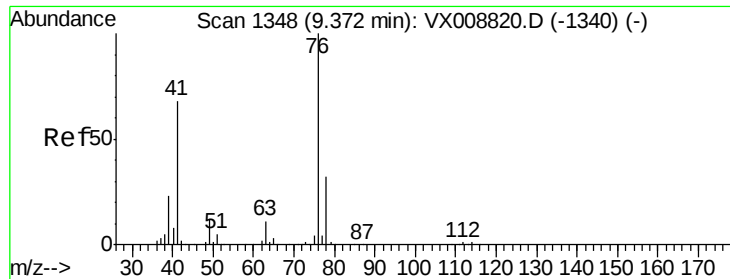
#56
 Ethyl methacrylate
 Concen: 53.547 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Tgt Ion: 69 Resp: 182570
 Ion Ratio Lower Upper
 69 100
 41 74.7 60.1 90.1
 39 34.6 28.9 43.3



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





#57

1,3-Dichloropropane

Concen: 50.062 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampled :

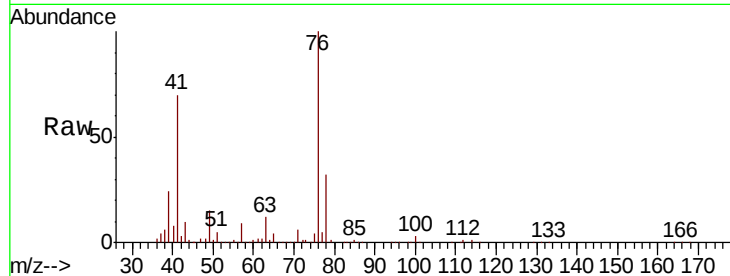
S8-0703MS

Tot Ion: 76 Resp: 169401

Ion Ratio Lower Upper

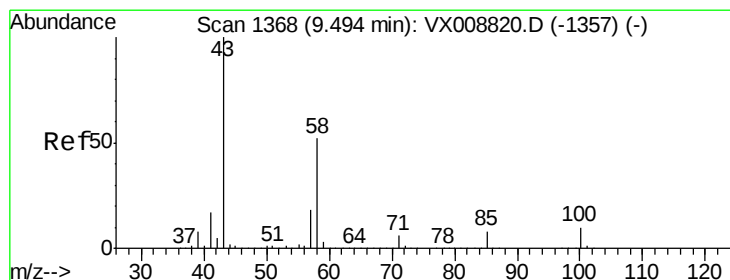
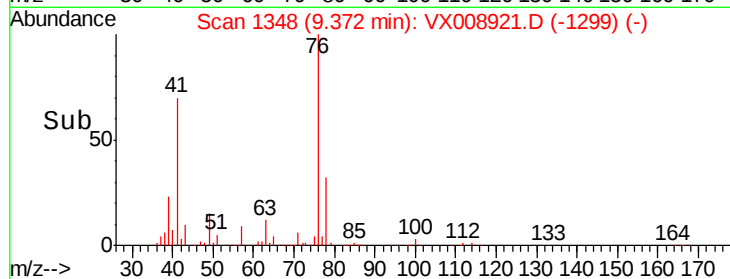
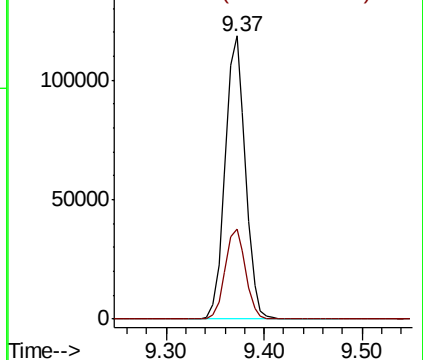
76 100

78 32.2 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 304.267 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX008921.D

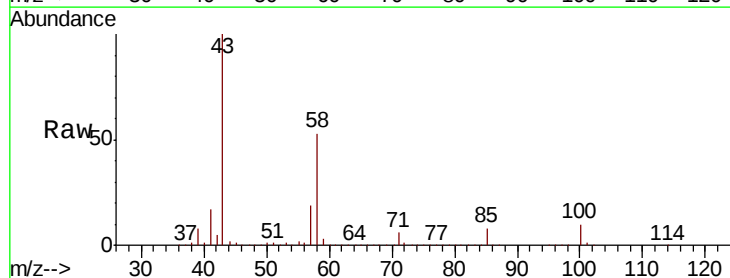
Acq: 13 Apr 2019 05:32

Tgt Ion: 43 Resp: 850739

Ion Ratio Lower Upper

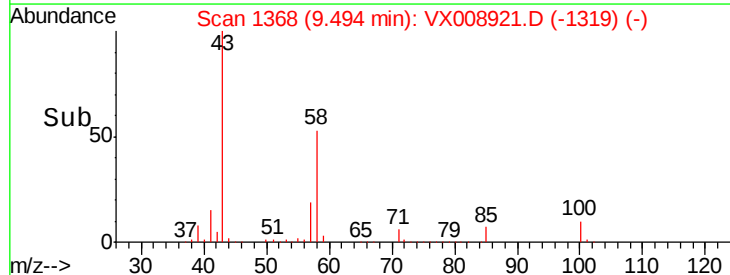
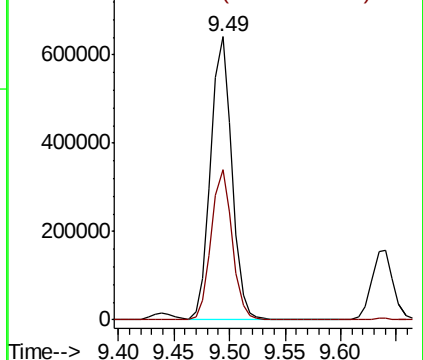
43 100

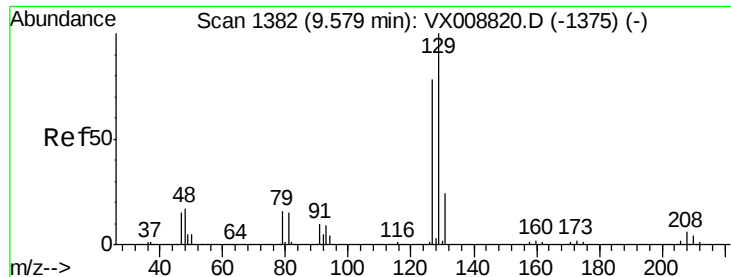
58 52.7 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 52.025 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

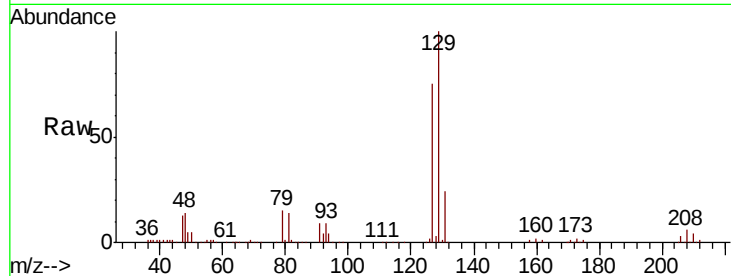
S8-0703MS

Tot Ion:129 Resp: 92383

Ion Ratio Lower Upper

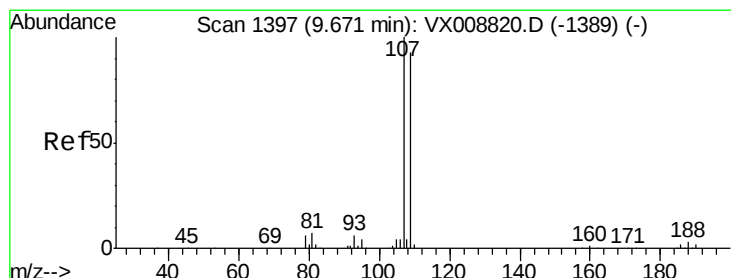
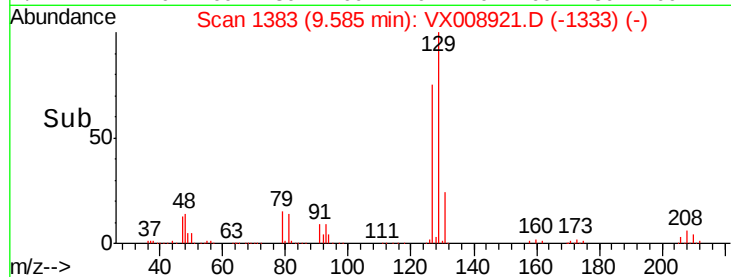
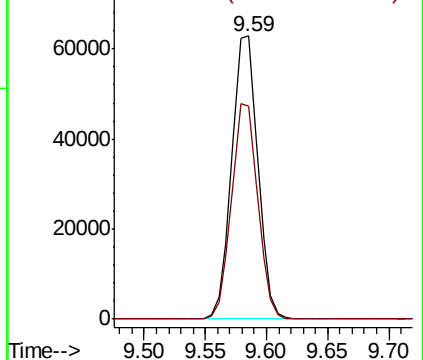
129 100

127 76.7 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: 50.765 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008921.D

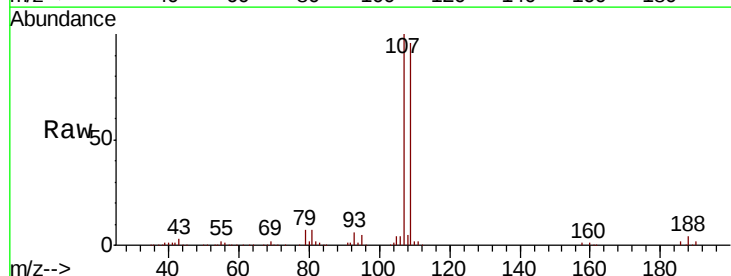
Acq: 13 Apr 2019 05:32

Tgt Ion:107 Resp: 99589

Ion Ratio Lower Upper

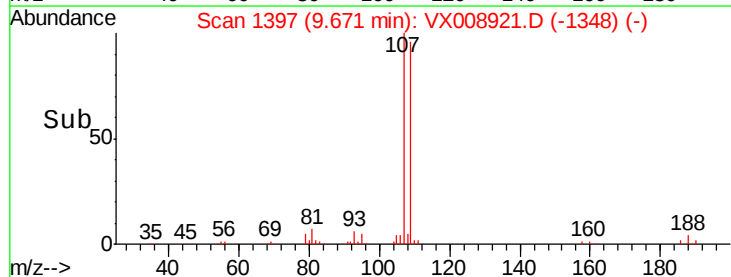
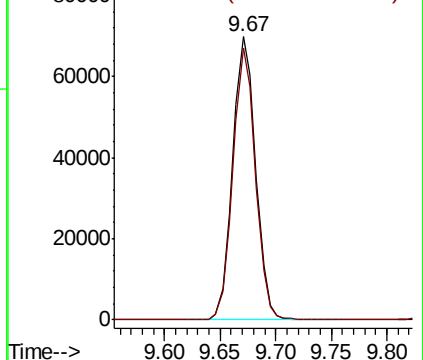
107 100

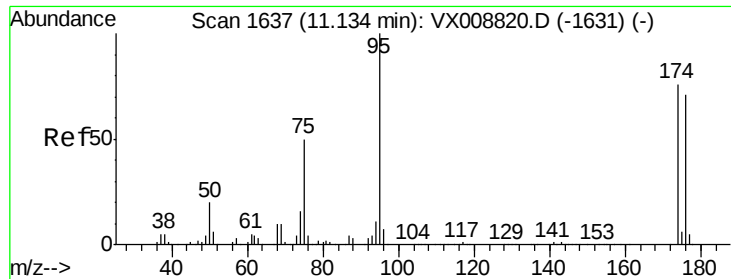
109 94.5 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 46.386 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MS

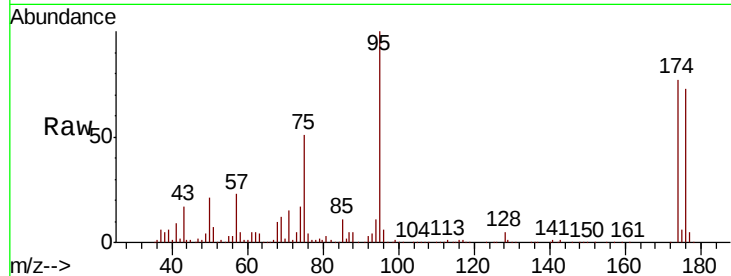
Tot Ion: 95 Resp: 102398

Ion Ratio Lower Upper

95 100

174 76.4 0.0 151.8

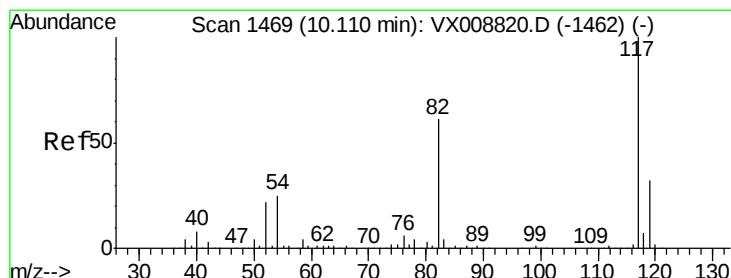
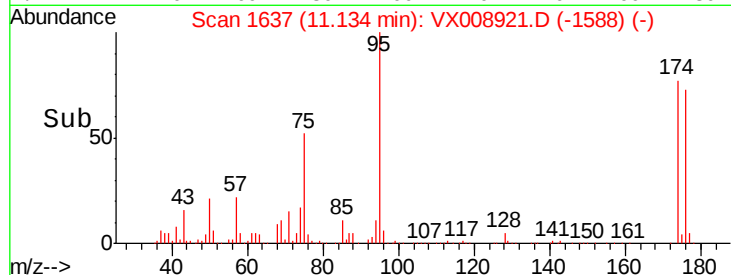
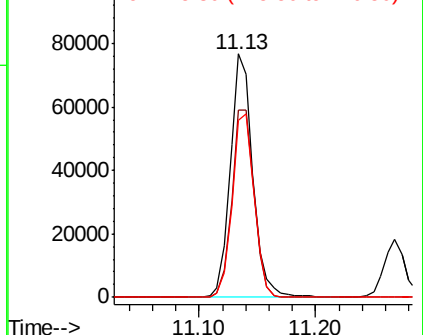
176 74.3 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

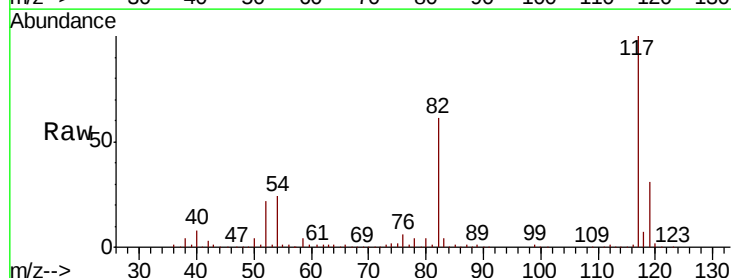
Tgt Ion: 117 Resp: 217438

Ion Ratio Lower Upper

117 100

82 60.8 49.6 74.4

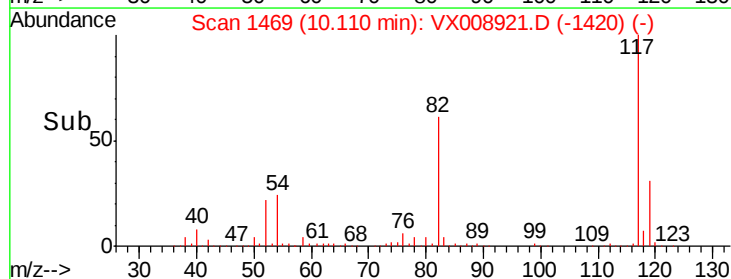
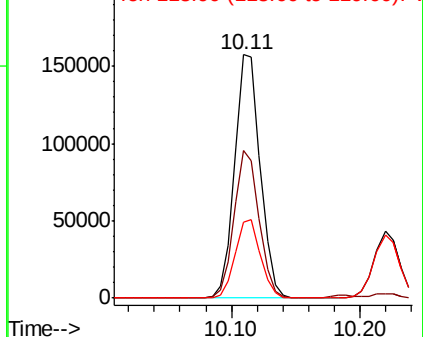
119 31.4 25.0 37.4

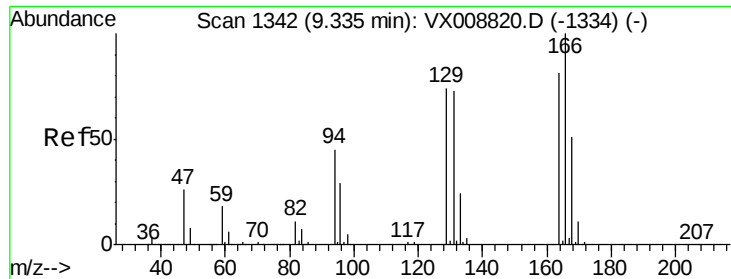


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 39.463 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MS

Tot Ion:164 Resp: 63574

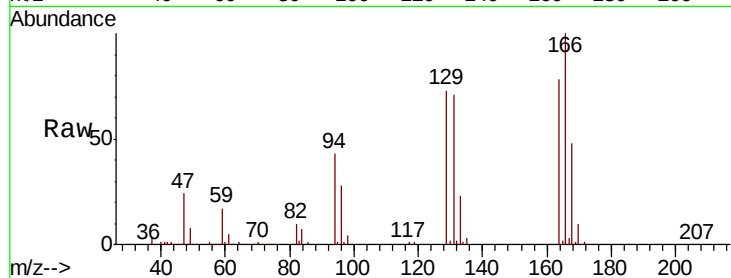
Ion Ratio Lower Upper

164 100

166 127.5 101.0 151.6

129 92.9 75.8 113.8

131 90.1 71.8 107.8

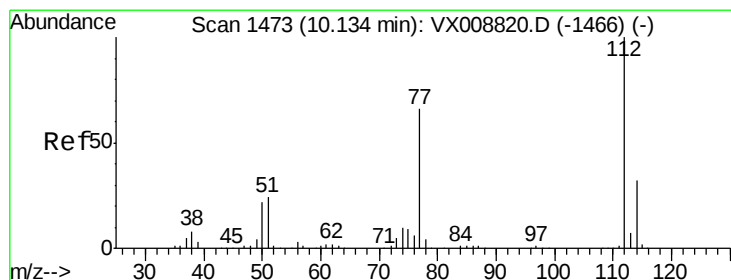
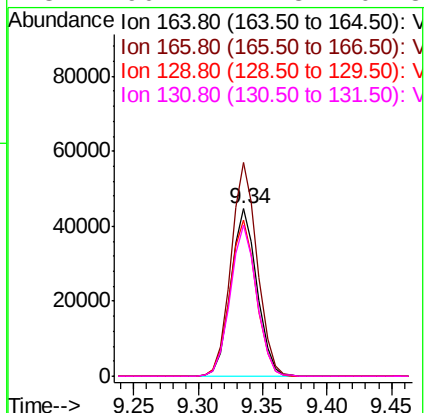
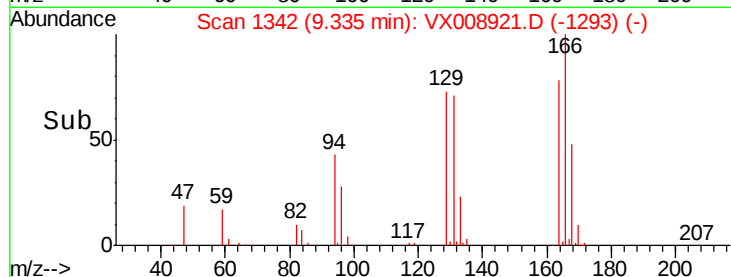


Abundance Ion 163.80 (163.50 to 164.50): V

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: 46.402 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008921.D

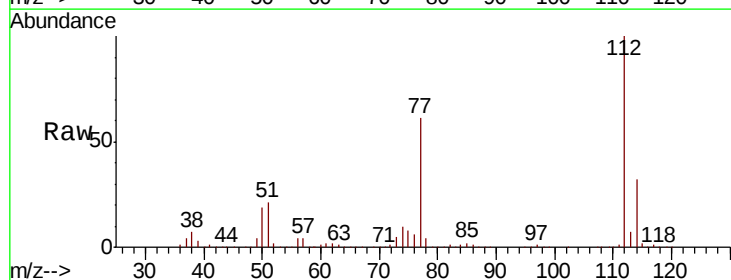
Acq: 13 Apr 2019 05:32

Tgt Ion:112 Resp: 223653

Ion Ratio Lower Upper

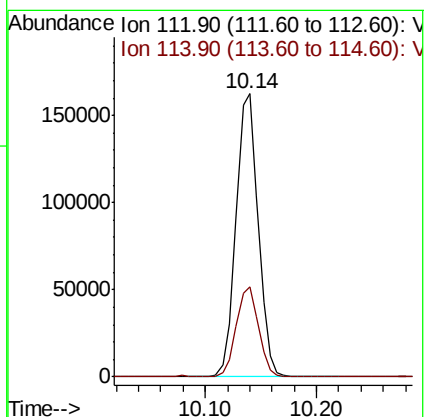
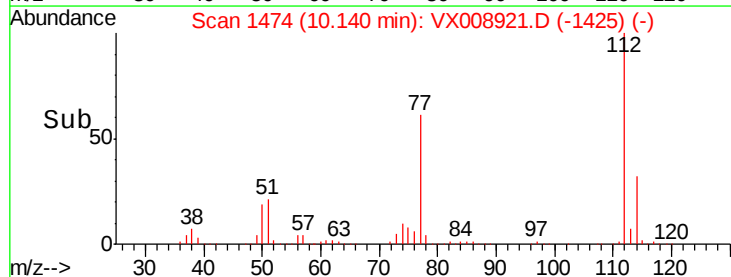
112 100

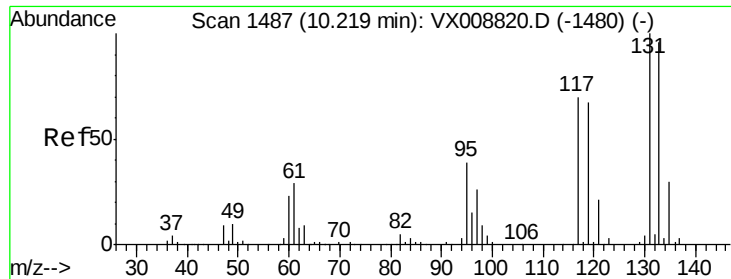
114 31.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

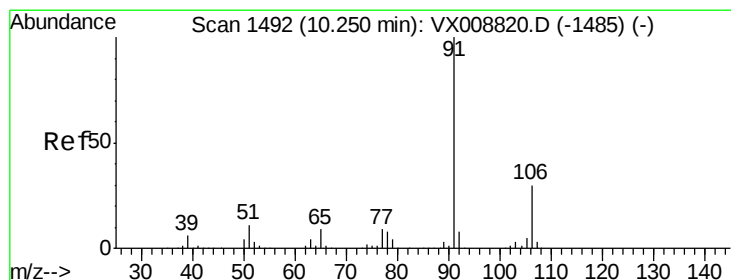
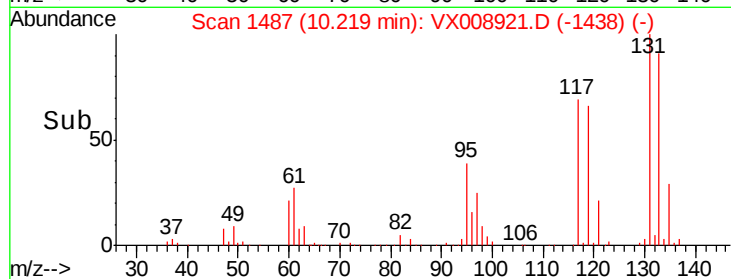
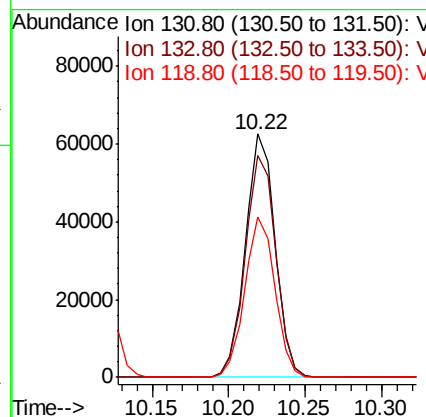
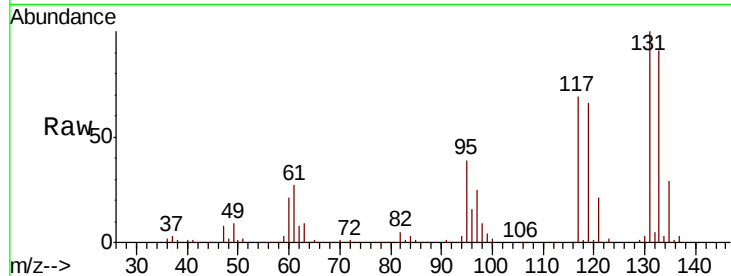




#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.762 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

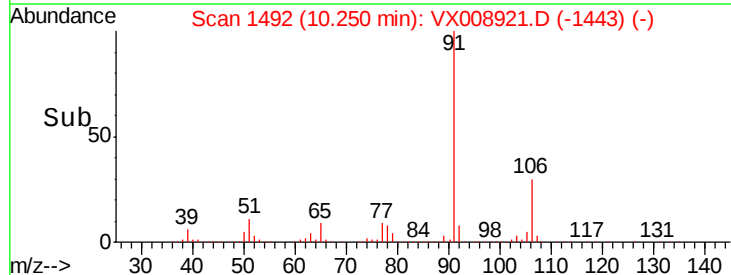
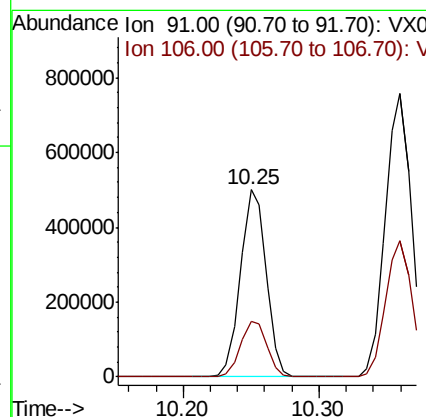
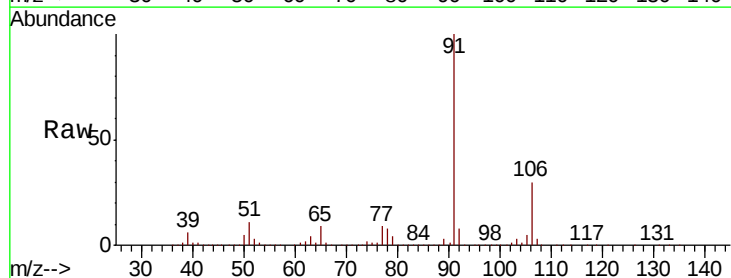
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MS

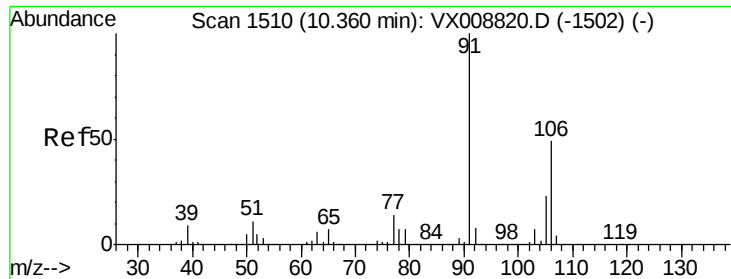
Tot Ion:131 Resp: 84143
 Ion Ratio Lower Upper
 131 100
 133 94.1 47.0 141.2
 119 67.1 33.7 101.0



#67
 Ethyl Benzene
 Concen: 73.191 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Tgt Ion: 91 Resp: 657811
 Ion Ratio Lower Upper
 91 100
 106 29.6 23.7 35.5

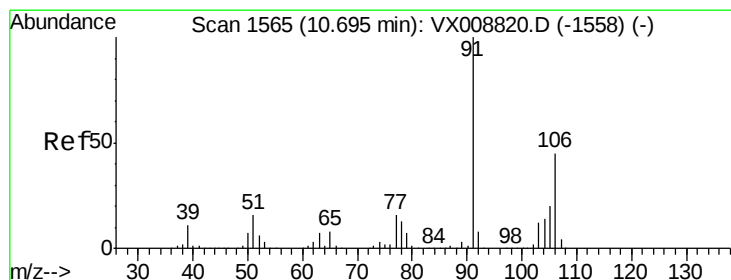
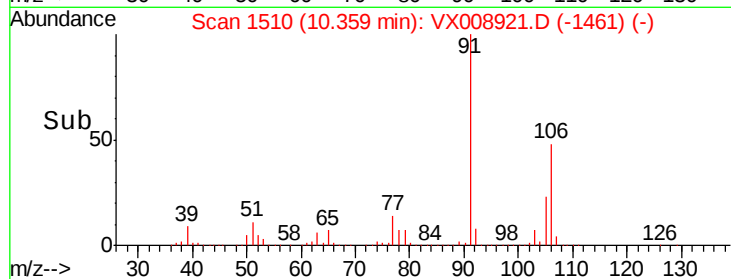
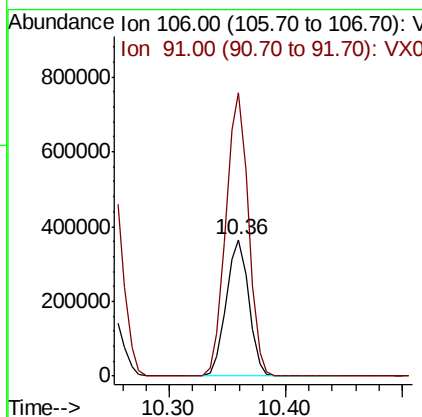
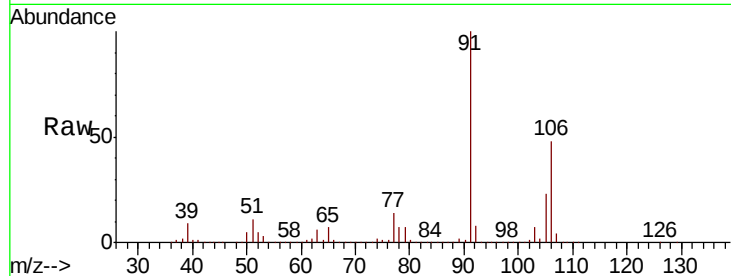




#68
m/p-Xylenes
Concen: 151.797 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008921.D
Acq: 13 Apr 2019 05:32

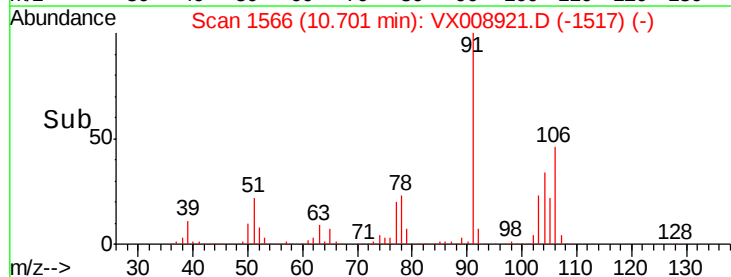
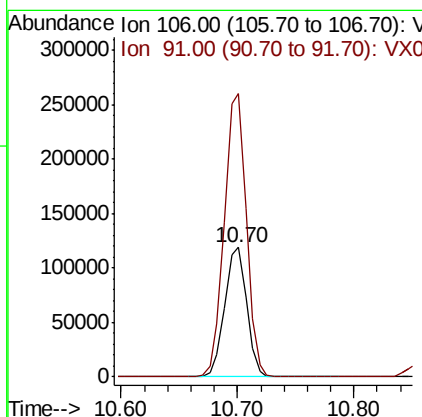
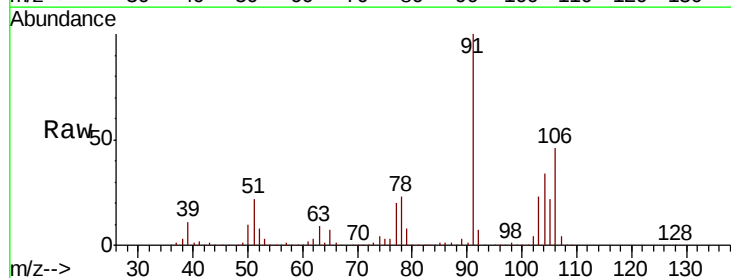
Instrument :
MSVOA_X
ClientSampled :
S8-0703MS

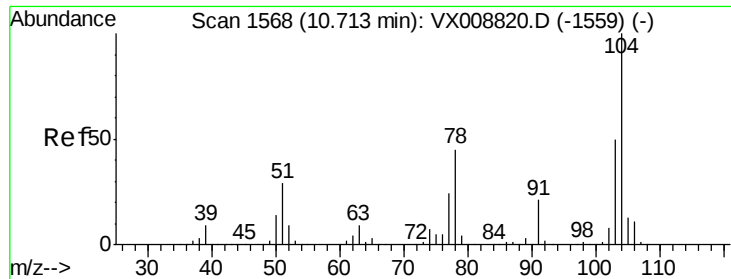
Tot Ion:106 Resp: 490534
Ion Ratio Lower Upper
106 100
91 207.4 168.5 252.7



#69
o-Xylene
Concen: 49.679 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008921.D
Acq: 13 Apr 2019 05:32

Tgt Ion:106 Resp: 155581
Ion Ratio Lower Upper
106 100
91 219.2 111.5 334.4

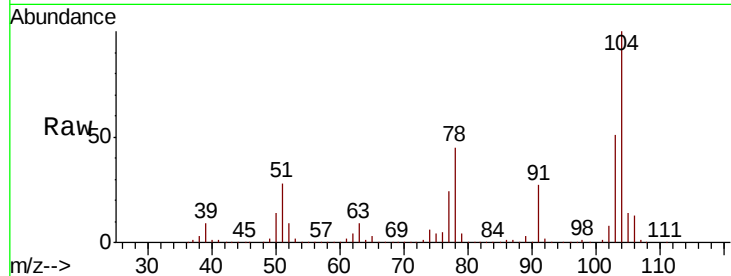




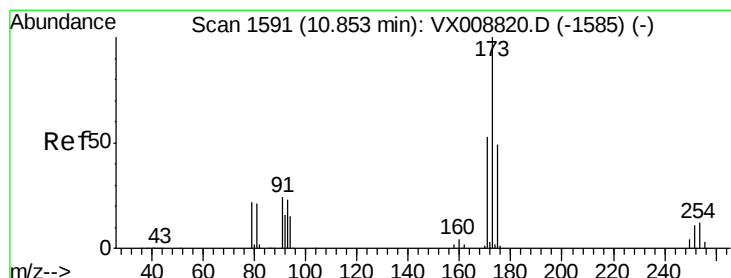
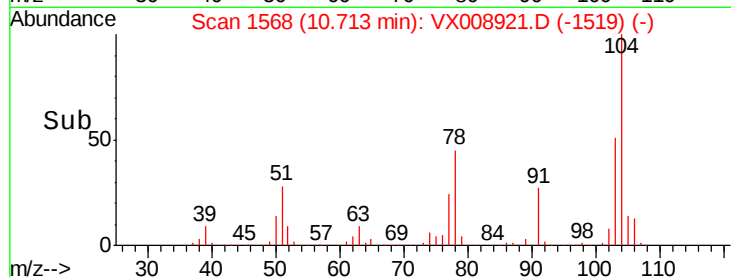
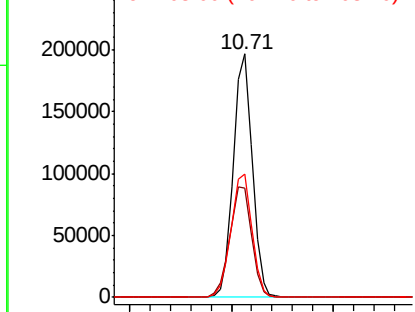
#70
Stvrene
Concen: 46.356 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008921.D
Acq: 13 Apr 2019 05:32

Instrument :
MSVOA_X
ClientSampled :
S8-0703MS

Tot Ion:104 Resp: 250242
Ion Ratio Lower Upper
104 100
78 52.5 42.3 63.5
103 56.3 44.4 66.6

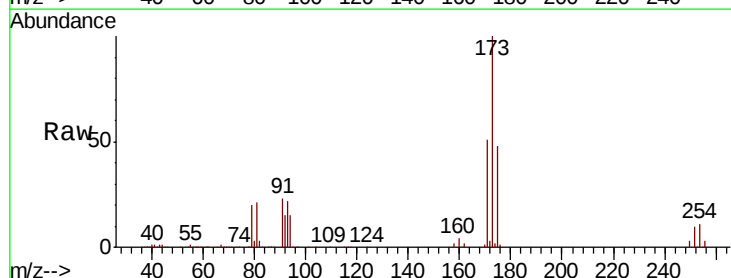


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

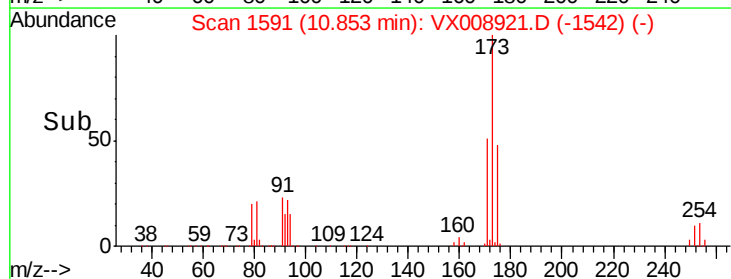
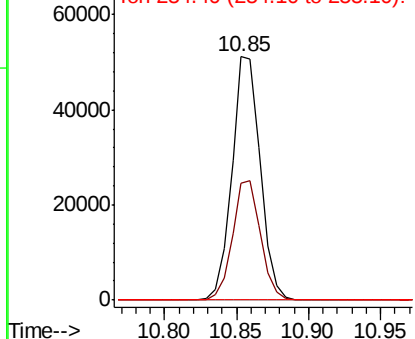


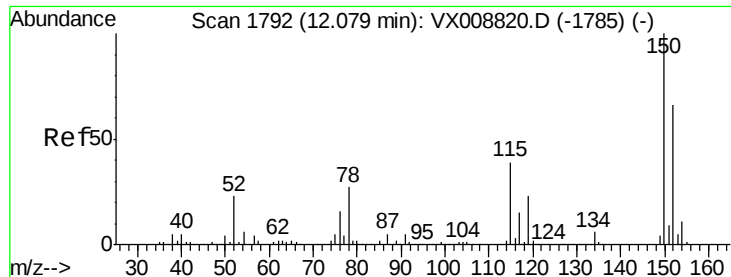
#71
Bromoform
Concen: 54.661 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008921.D
Acq: 13 Apr 2019 05:32

Tgt Ion:173 Resp: 70591
Ion Ratio Lower Upper
173 100
175 48.5 24.9 74.6
254 0.1 0.1 0.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MS

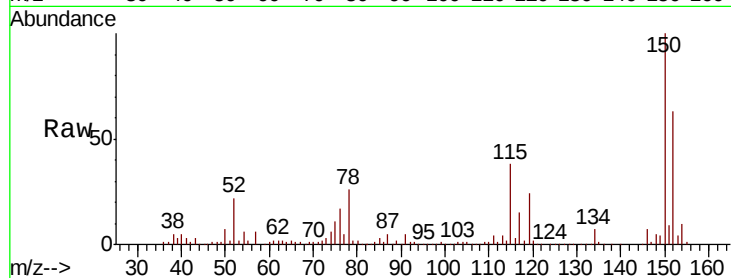
Tot Ion:152 Resp: 98826

Ion Ratio Lower Upper

152 100

115 81.2 43.5 130.5

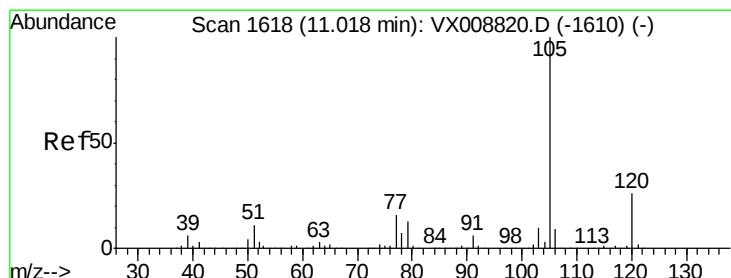
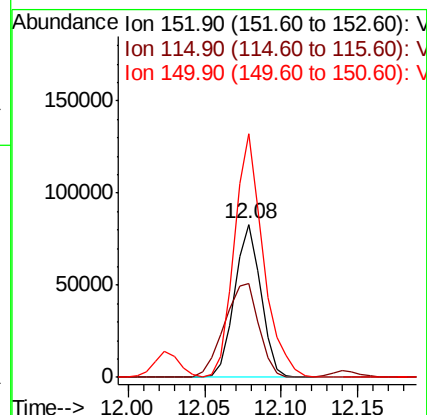
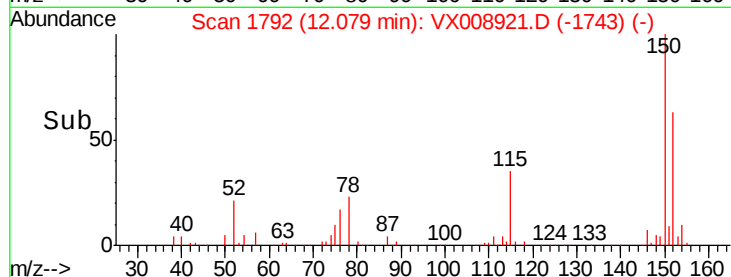
150 173.8 0.0 348.8



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: 44.296 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008921.D

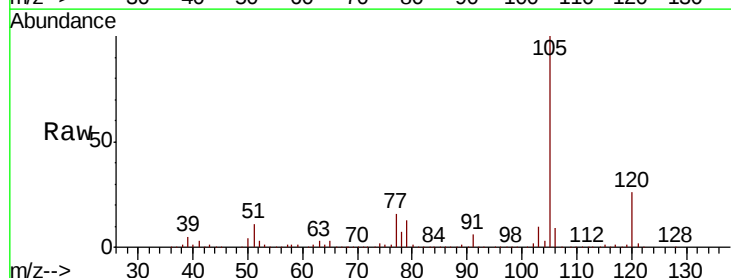
Acq: 13 Apr 2019 05:32

Tgt Ion:105 Resp: 362783

Ion Ratio Lower Upper

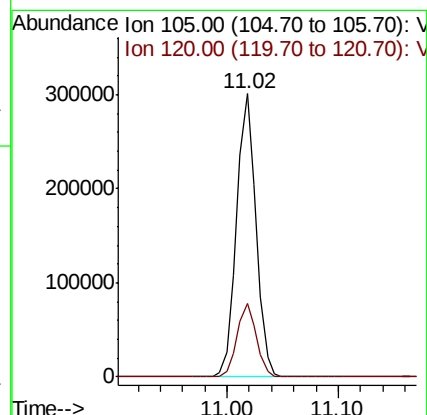
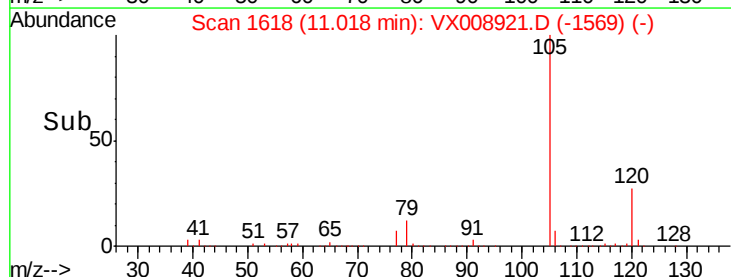
105 100

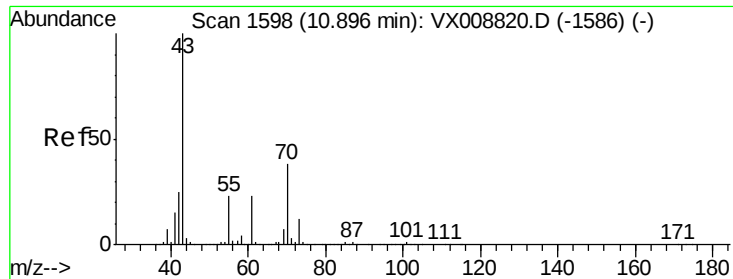
120 25.9 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 42.719 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampled :

S8-0703MS

Tot Ion: 43 Resp: 205844

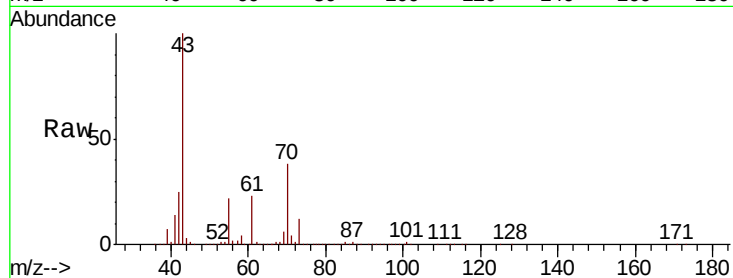
Ion Ratio Lower Upper

43 100

70 38.6 30.2 45.4

55 22.9 18.2 27.4

61 22.3 18.6 28.0

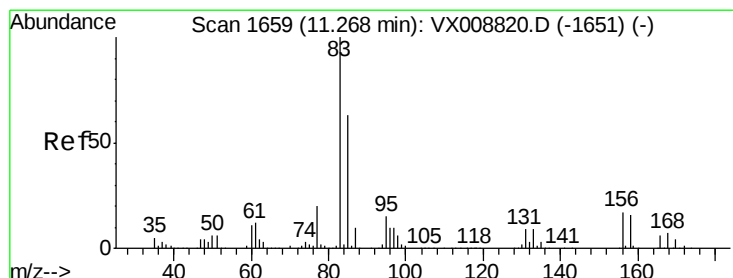
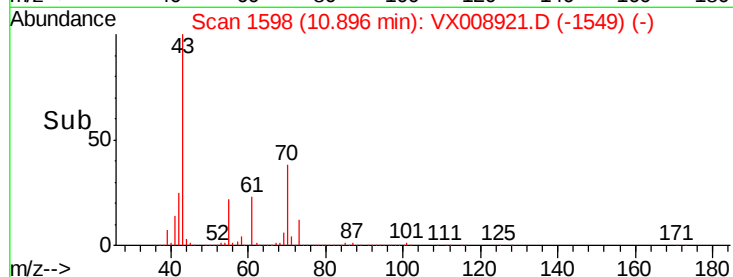
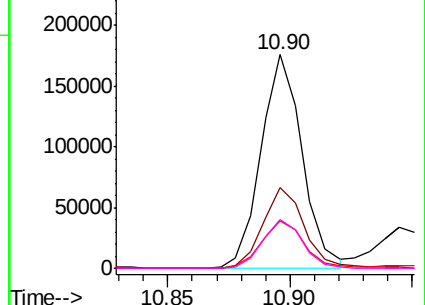


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.214 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

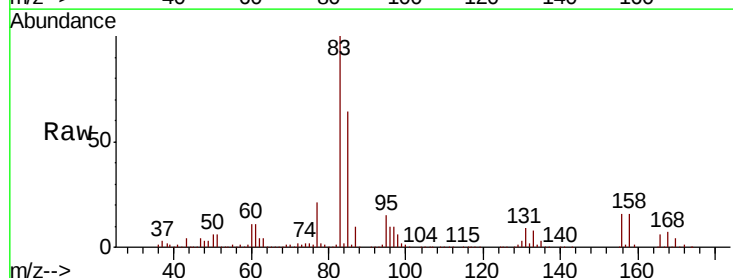
Tgt Ion: 83 Resp: 156406

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

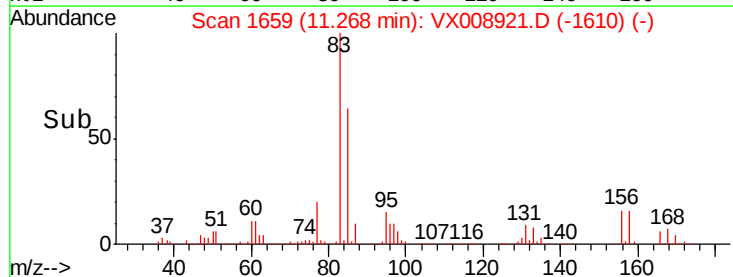
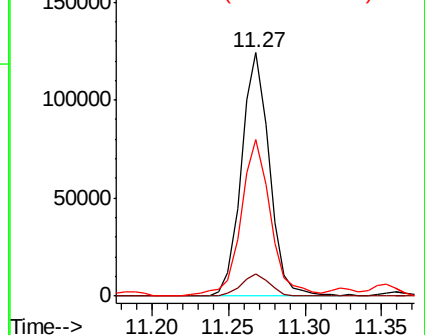
85 69.2 32.0 96.2

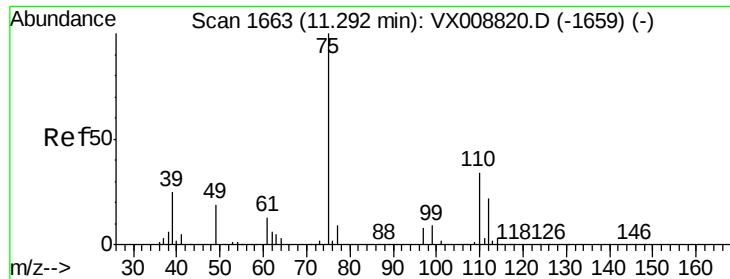


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 67.578 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

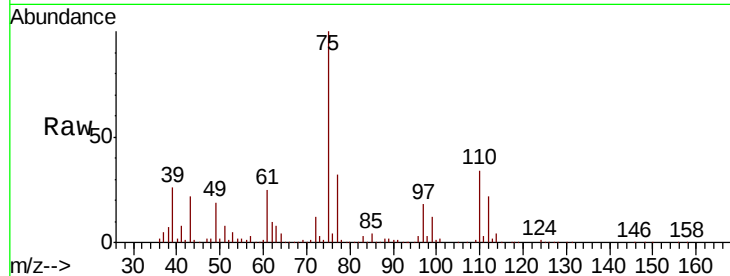
S8-0703MS

Tot Ion: 75 Resp: 183464

Ion Ratio Lower Upper

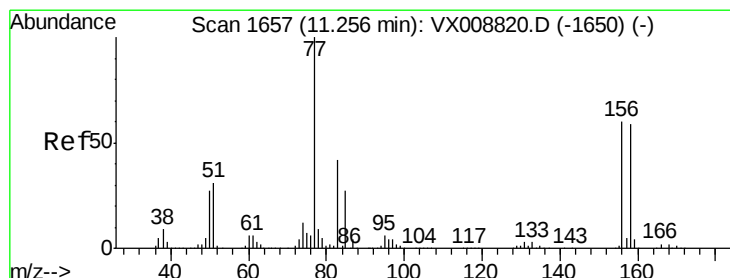
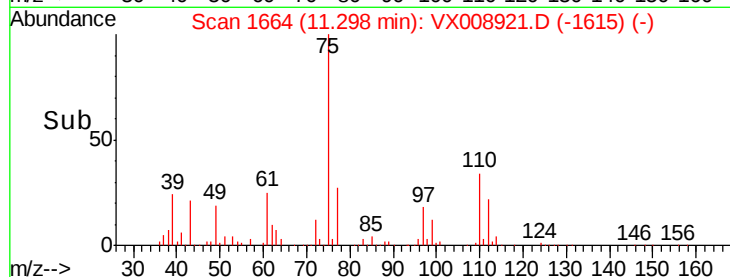
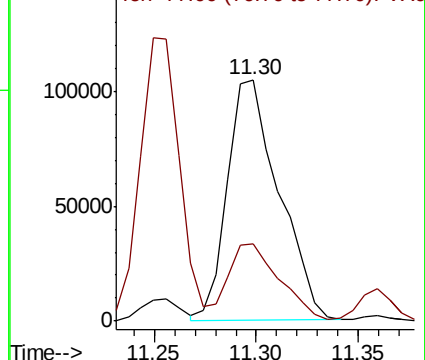
75 100

77 32.4 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 48.986 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

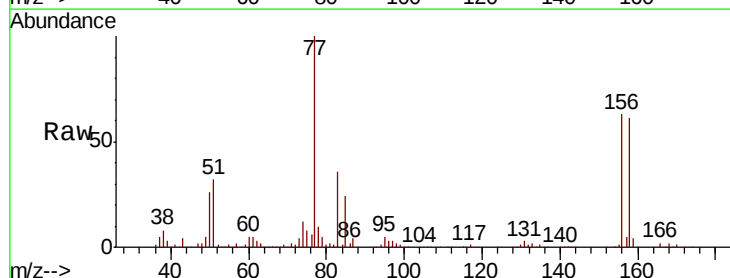
Tgt Ion: 156 Resp: 96447

Ion Ratio Lower Upper

156 100

77 170.5 89.8 269.6

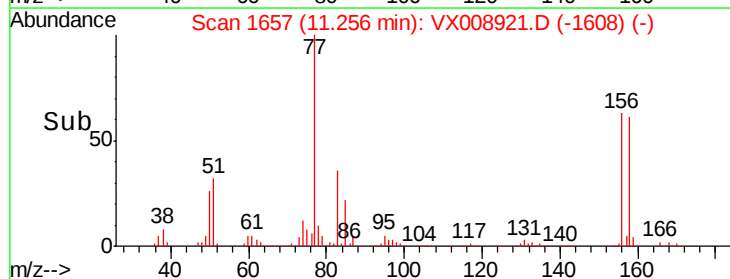
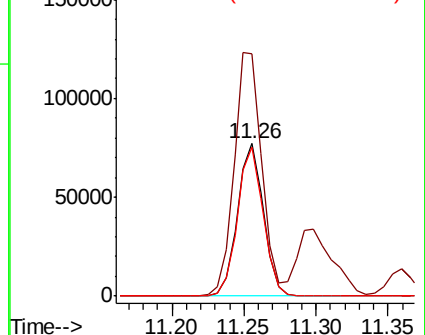
158 97.4 48.6 145.9

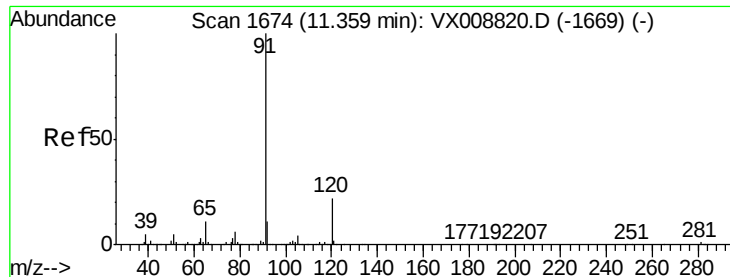


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 44.749 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

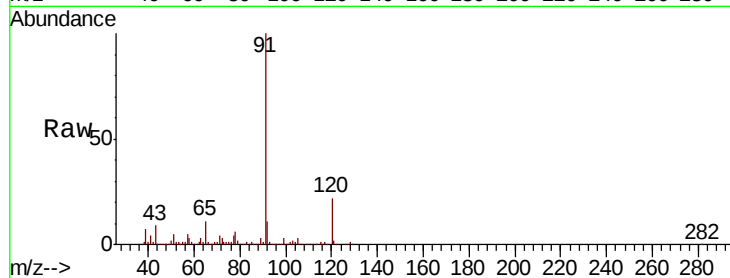
S8-0703MS

Tot Ion: 91 Resp: 426731

Ion Ratio Lower Upper

91 100

120 22.1 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

400000

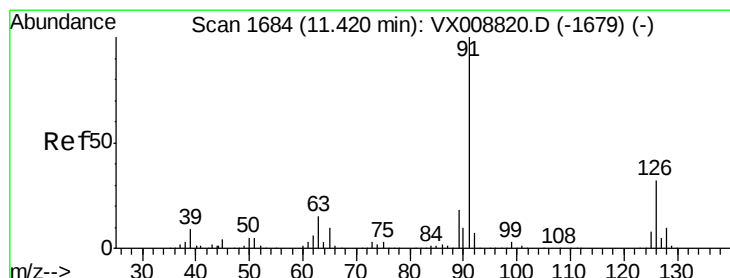
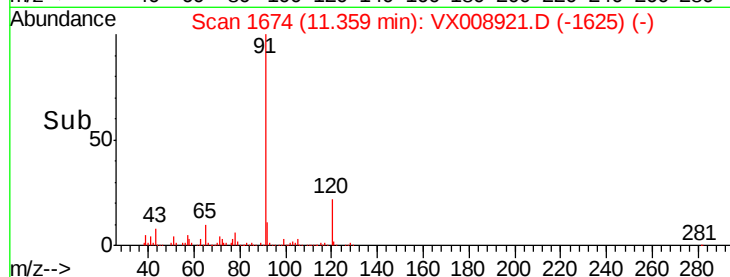
300000

200000

100000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 44.944 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008921.D

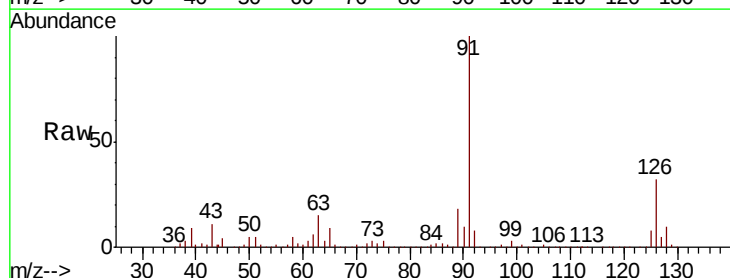
Acq: 13 Apr 2019 05:32

Tgt Ion: 91 Resp: 259364

Ion Ratio Lower Upper

91 100

126 31.7 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.42

400000

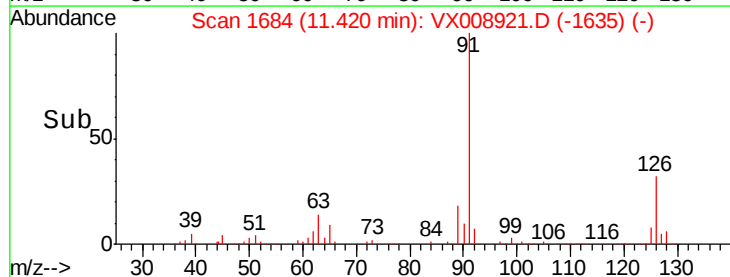
300000

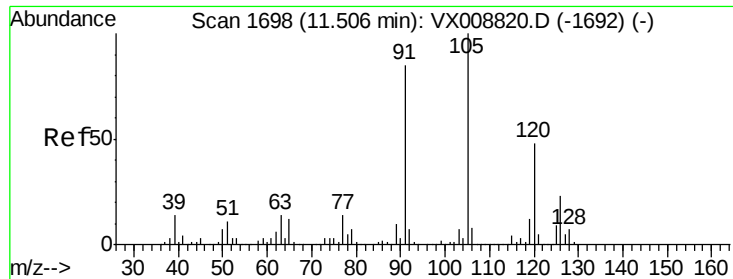
200000

100000

0

Time--> 11.35 11.40 11.45 11.50

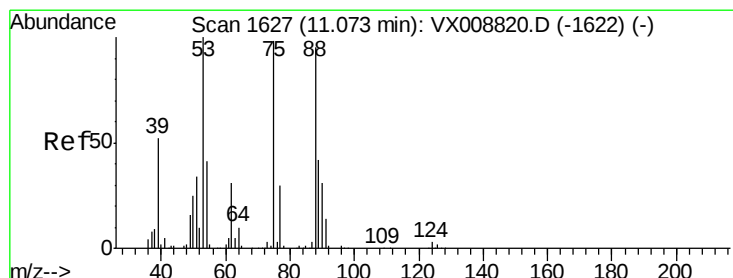
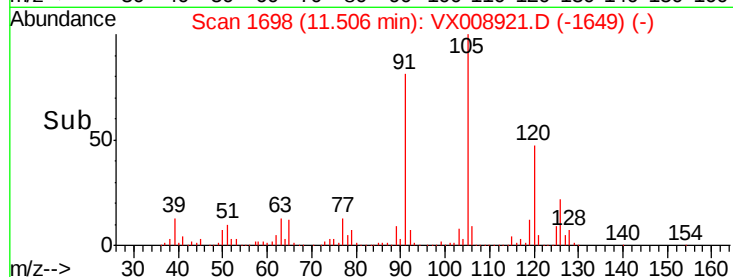
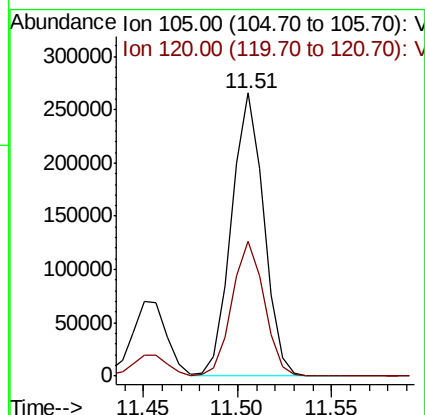
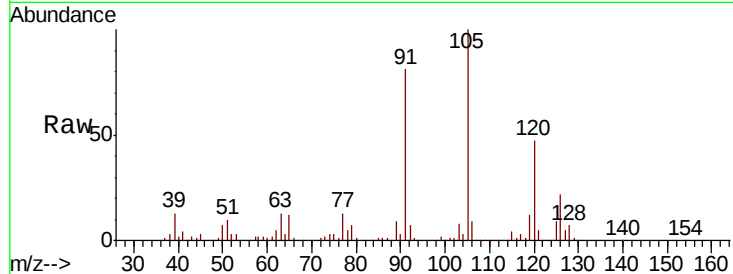




#80
 1,3,5-Trimethylbenzene
 Concen: 45.762 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

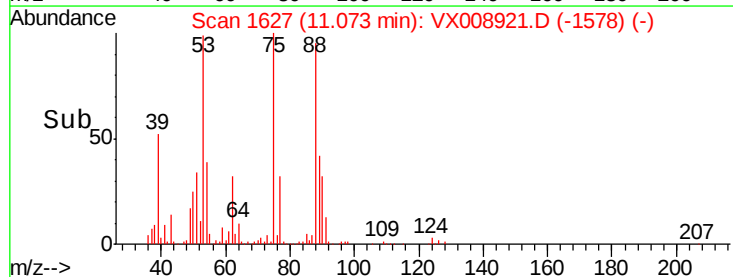
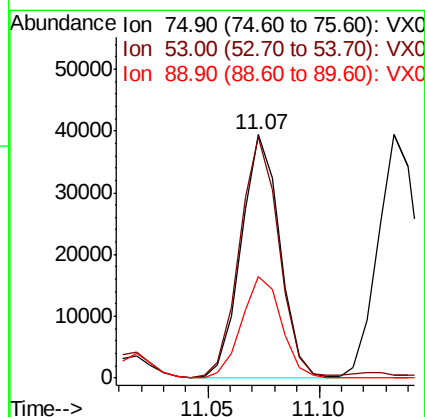
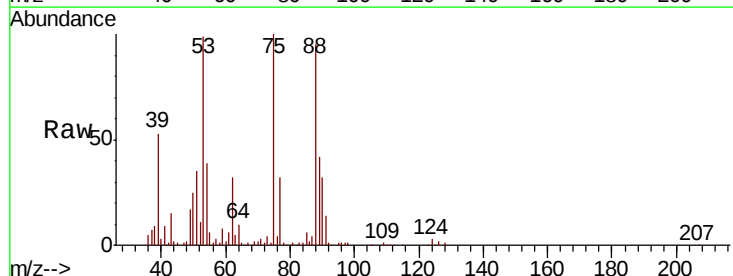
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MS

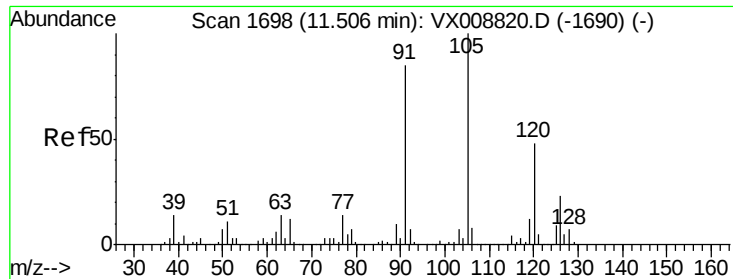
Tot Ion:105 Resp: 314608
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.231 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Tgt Ion: 75 Resp: 47501
 Ion Ratio Lower Upper
 75 100
 53 100.4 81.3 121.9
 89 43.2 35.6 53.4

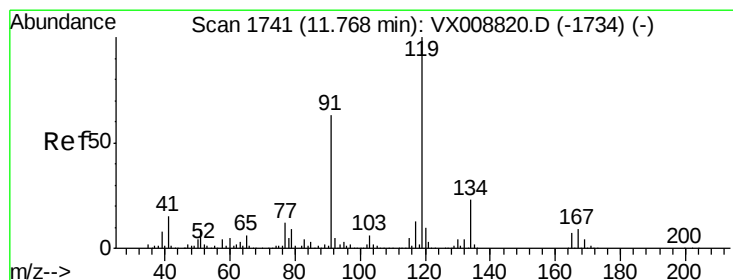
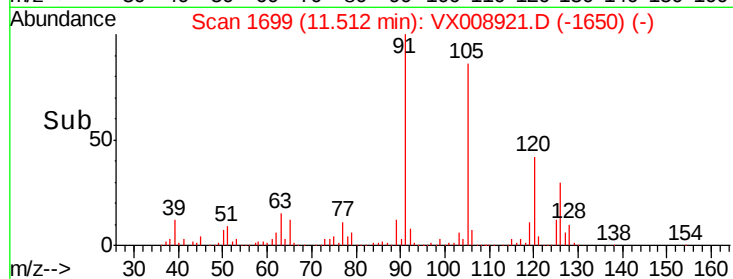
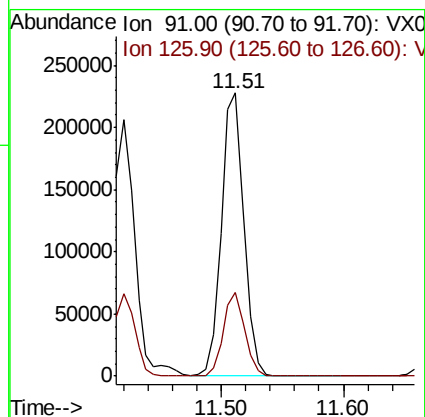
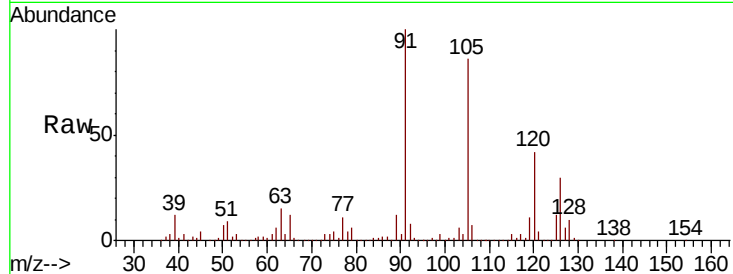




#82
4-Chlorotoluene
Concen: 43.419 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008921.D
Acq: 13 Apr 2019 05:32

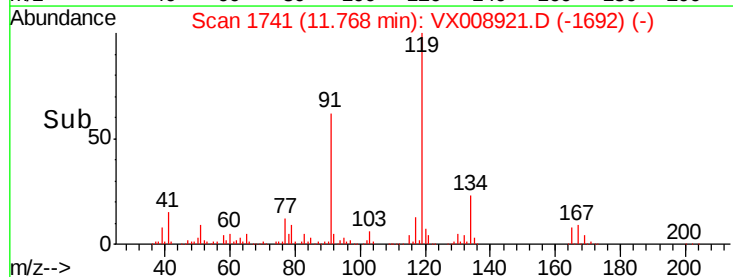
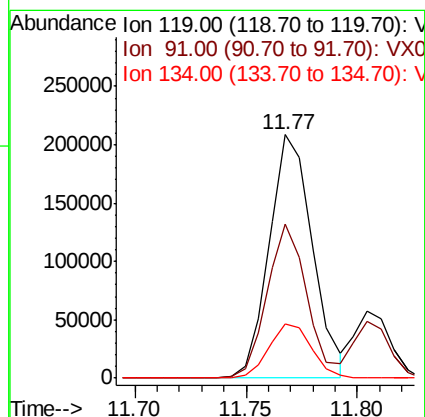
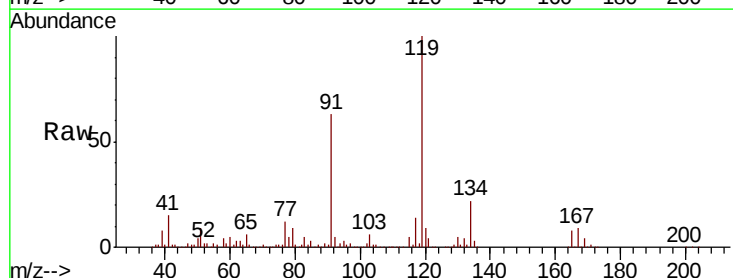
Instrument :
MSVOA_X
ClientSampleId :
S8-0703MS

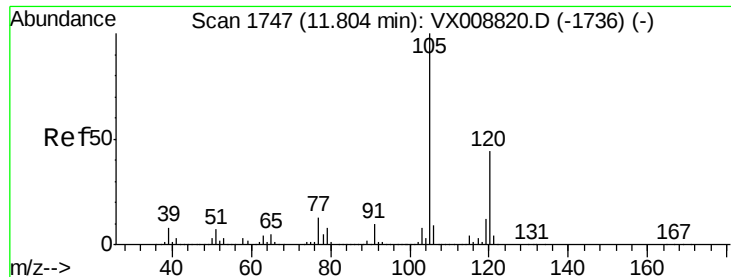
Tot Ion: 91 Resp: 290039
Ion Ratio Lower Upper
91 100
126 28.3 13.9 41.6



#83
tert-Butylbenzene
Concen: 42.450 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008921.D
Acq: 13 Apr 2019 05:32

Tgt Ion: 119 Resp: 280771
Ion Ratio Lower Upper
119 100
91 58.3 30.0 90.1
134 21.9 11.1 33.3





#84

1,2,4-Trimethylbenzene

Concen: 80.818 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

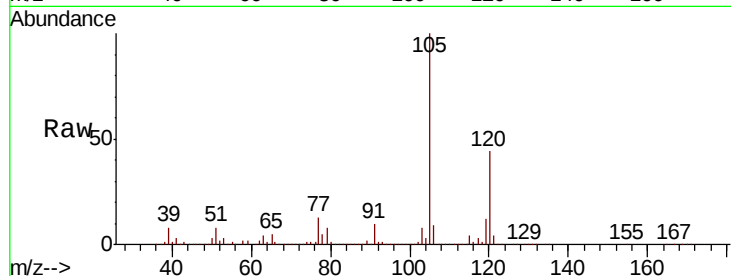
S8-0703MS

Tot Ion:105 Resp: 562592

Ion Ratio Lower Upper

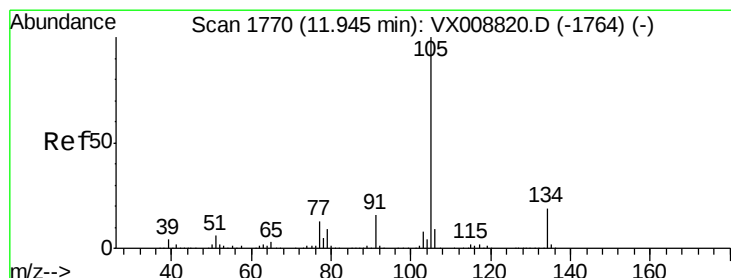
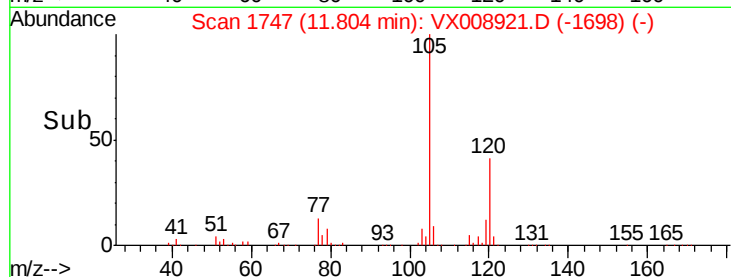
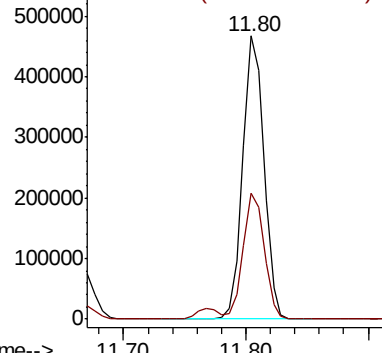
105 100

120 44.6 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 39.964 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008921.D

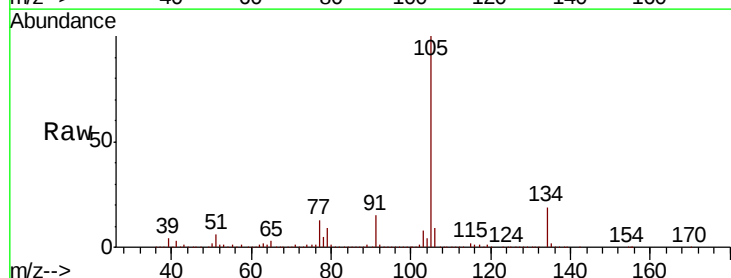
Acq: 13 Apr 2019 05:32

Tgt Ion:105 Resp: 313972

Ion Ratio Lower Upper

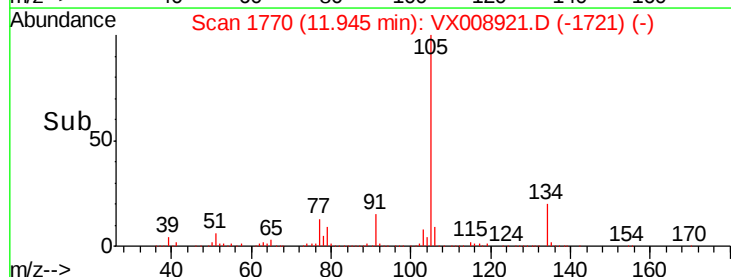
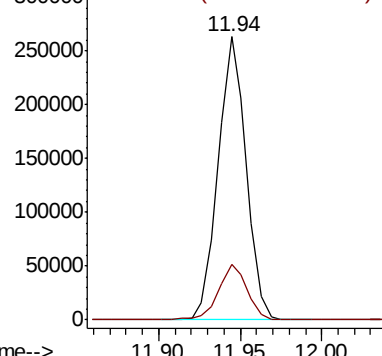
105 100

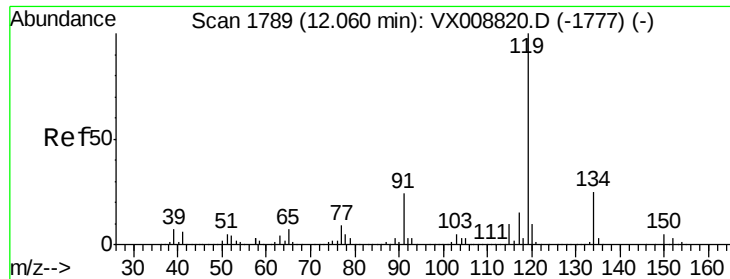
134 19.9 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

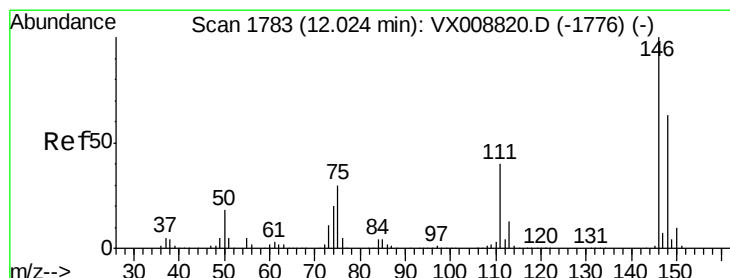
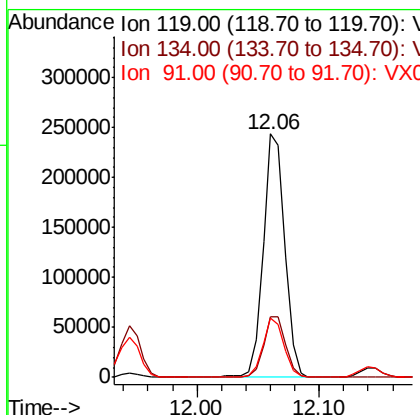
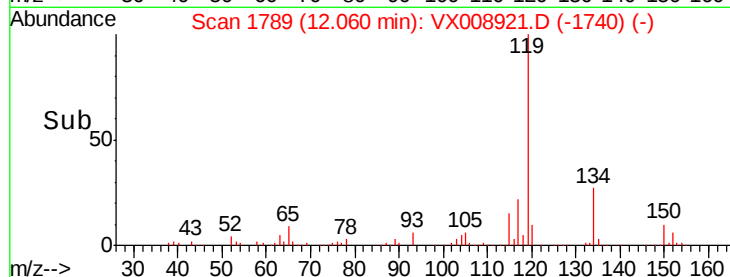
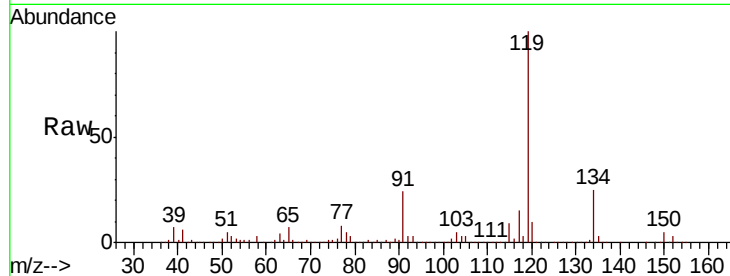




#86
 p-Isopropyltoluene
 Concen: 42.549 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

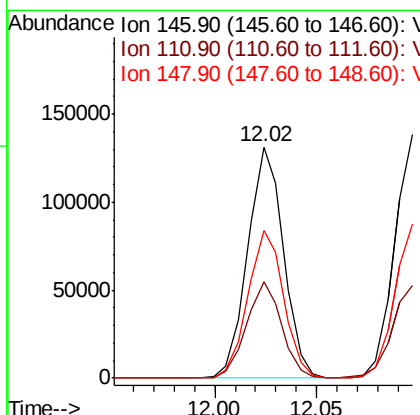
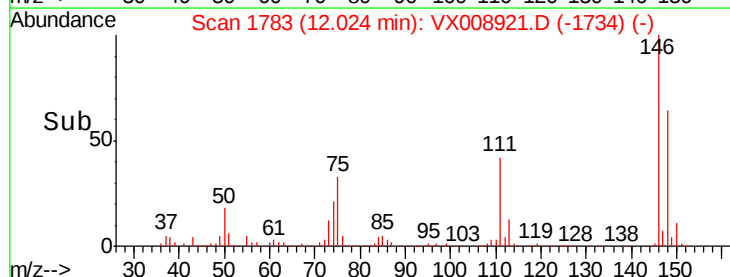
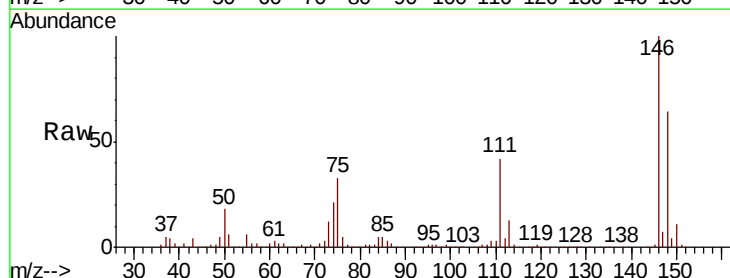
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MS

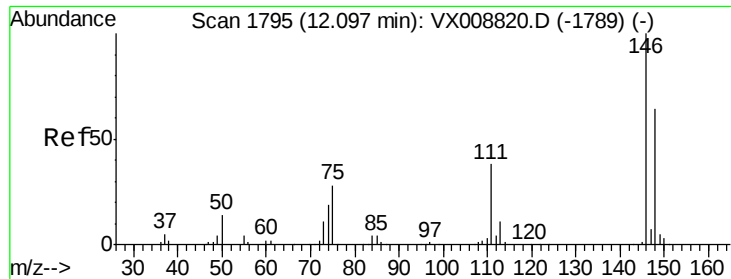
Tot Ion:119 Resp: 300029
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 23.6 12.2 36.6



#87
 1,3-Dichlorobenzene
 Concen: 45.336 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Tgt Ion:146 Resp: 159798
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.5 61.5
 148 64.3 31.6 94.7





#88

1,4-Dichlorobenzene

Concen: 45.931 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampled :

S8-0703MS

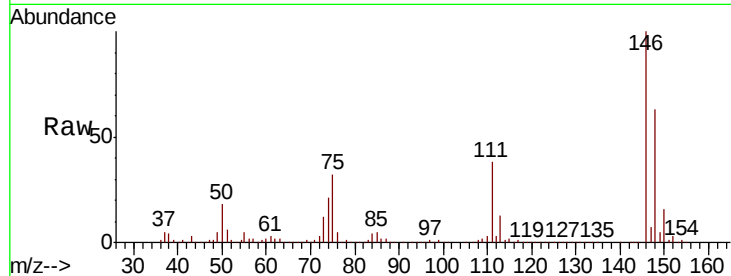
Tot Ion:146 Resp: 163938

Ion Ratio Lower Upper

146 100

111 39.0 20.2 60.6

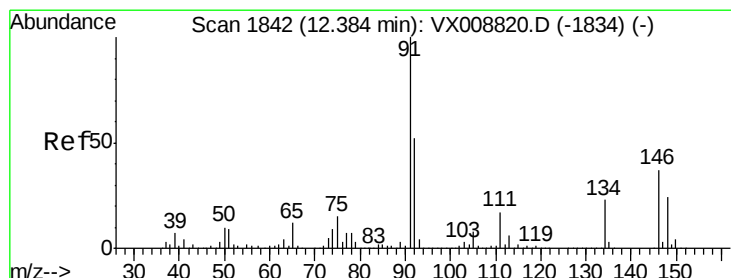
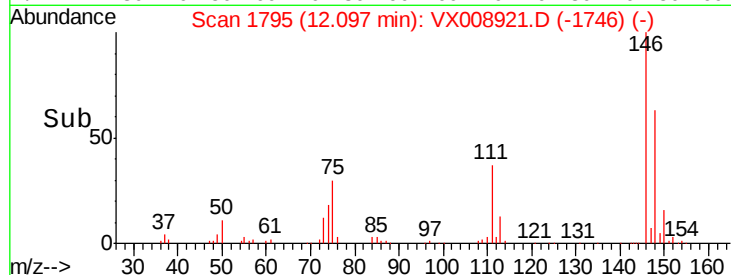
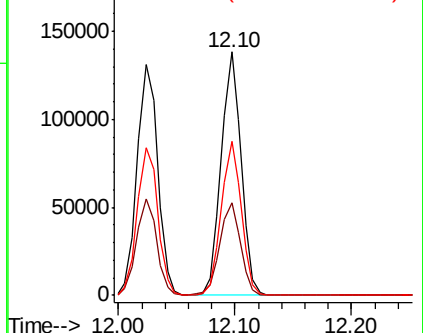
148 63.3 32.0 96.0



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: 39.738 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

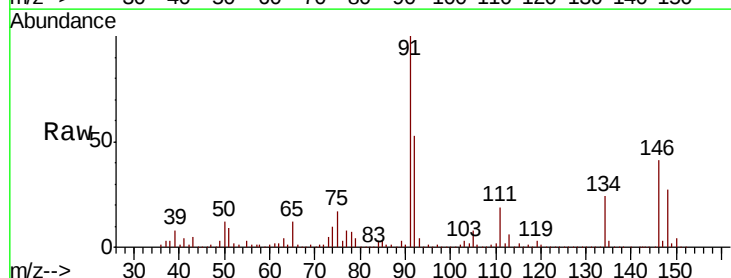
Tgt Ion: 91 Resp: 262786

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.2

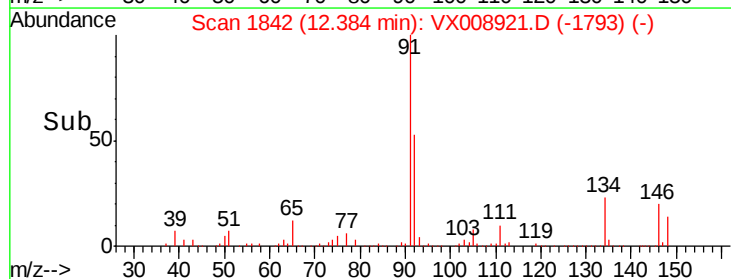
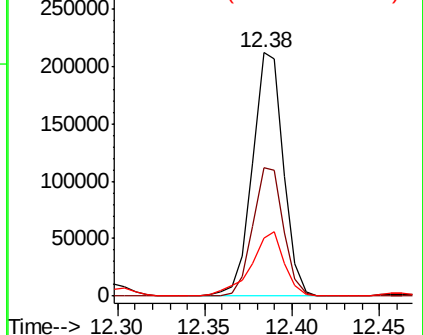
134 28.2 12.0 36.0

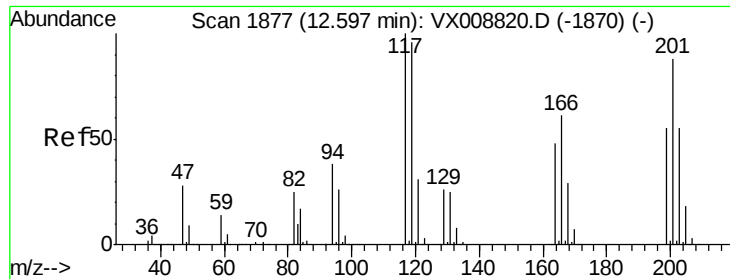


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 46.325 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

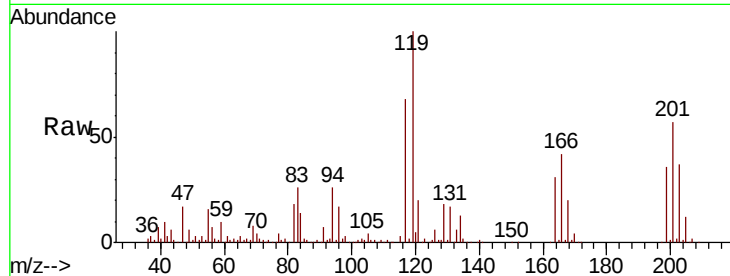
S8-0703MS

Tot Ion:117 Resp: 54179

Ion Ratio Lower Upper

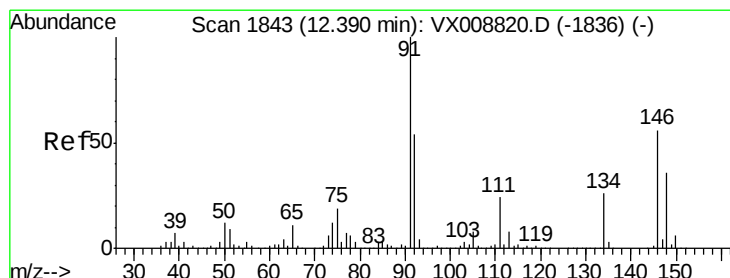
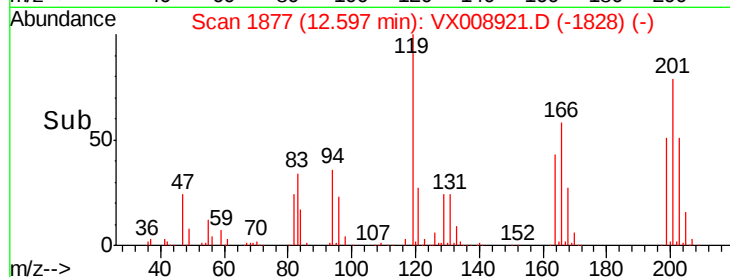
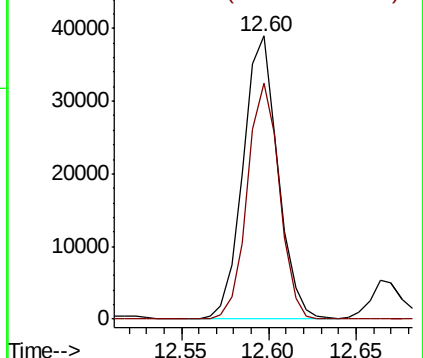
117 100

201 76.3 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: 47.017 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

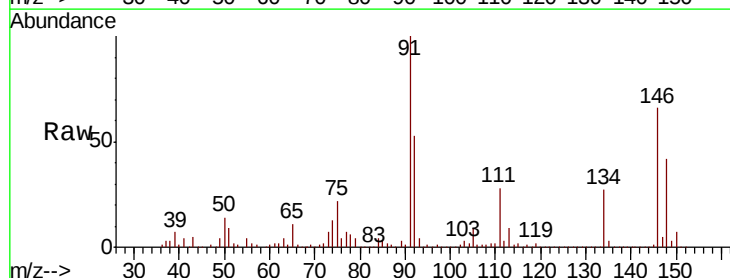
Tgt Ion:146 Resp: 164541

Ion Ratio Lower Upper

146 100

111 42.1 21.3 63.9

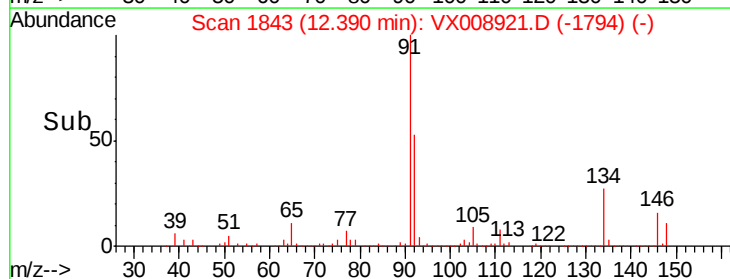
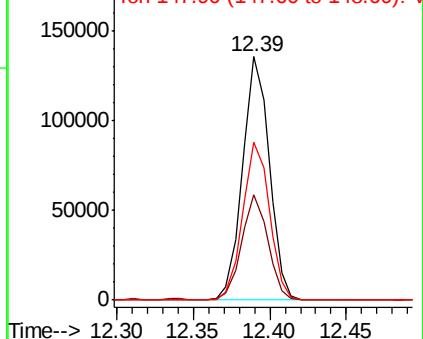
148 65.0 31.7 95.1

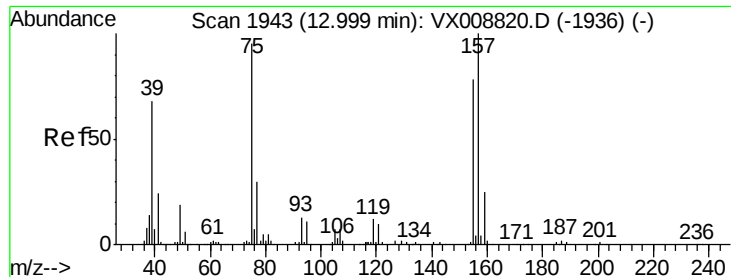


Abundance Ion 145.90 (145.60 to 146.60): V

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: 61.552 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MS

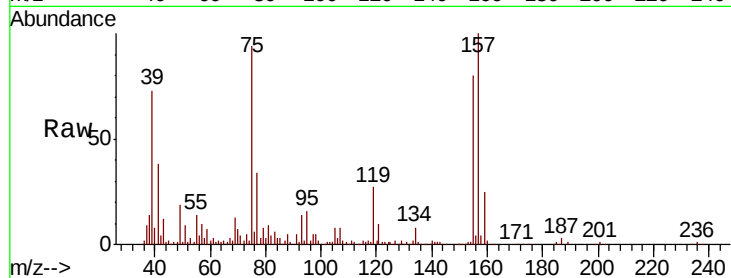
Tot Ion: 75 Resp: 42175

Ion Ratio Lower Upper

75 100

155 81.2 39.9 119.6

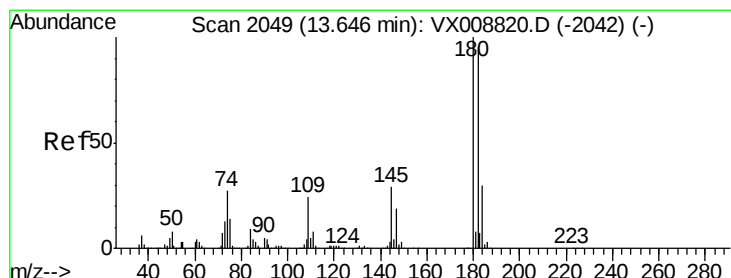
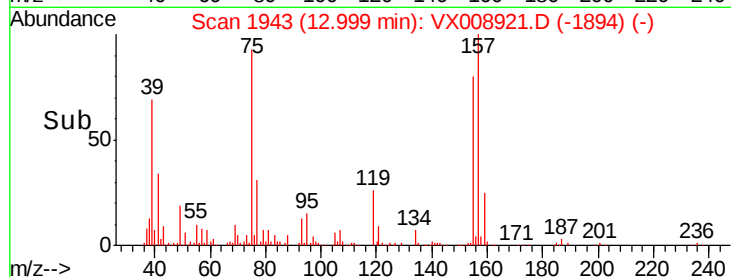
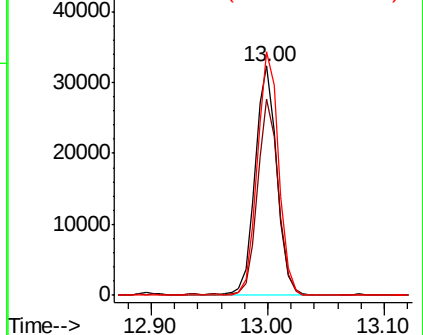
157 103.6 51.5 154.7



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) (-)



#93

1,2,4-Trichlorobenzene

Concen: 45.757 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

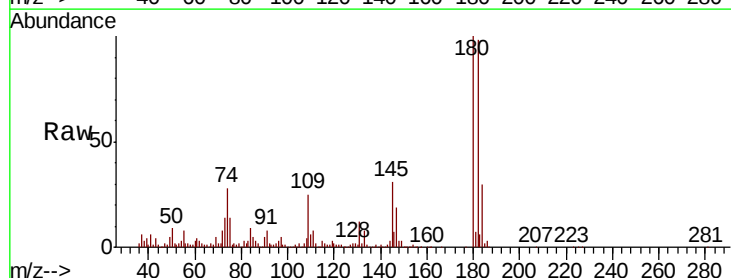
Tgt Ion: 180 Resp: 111338

Ion Ratio Lower Upper

180 100

182 97.7 47.2 141.6

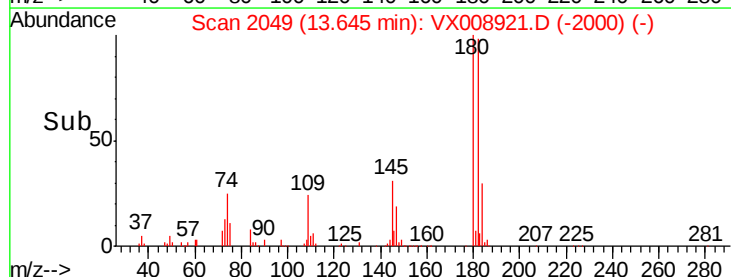
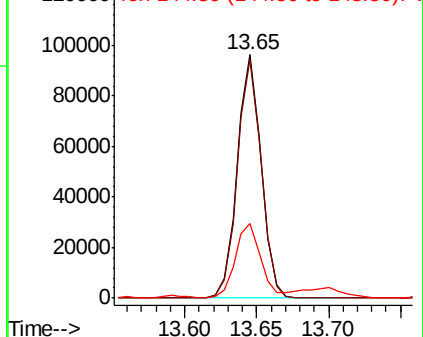
145 32.8 15.3 45.9

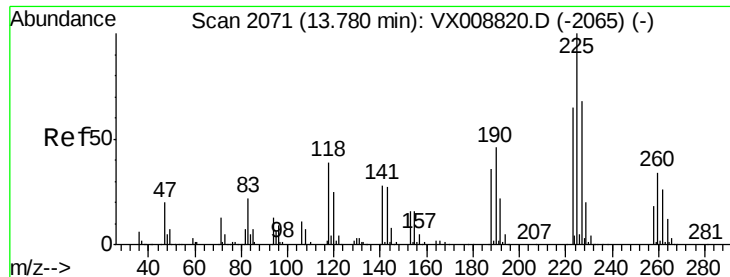


Abundance Ion 179.80 (179.50 to 180.50): VX008820.D (-2042) (-)

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

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





#94

Hexachlorobutadiene

Concen: 33.816 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MS

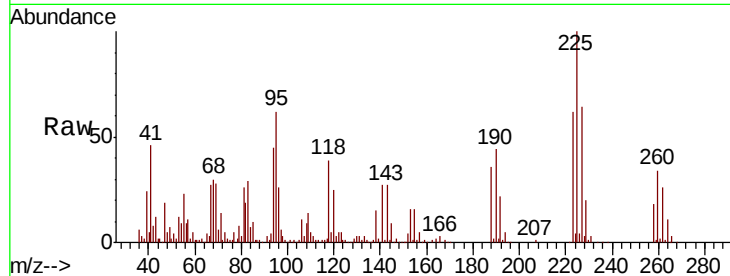
Tot Ion:225 Resp: 39462

Ion Ratio Lower Upper

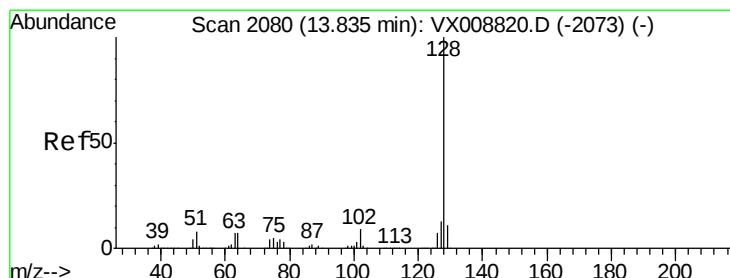
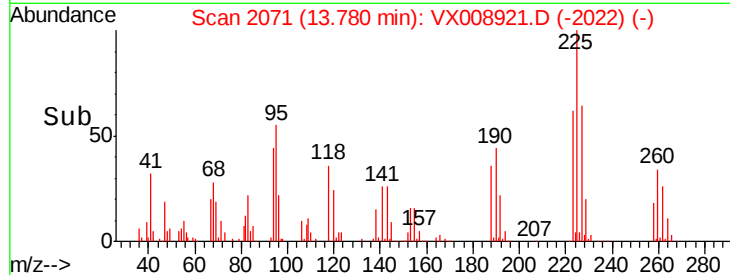
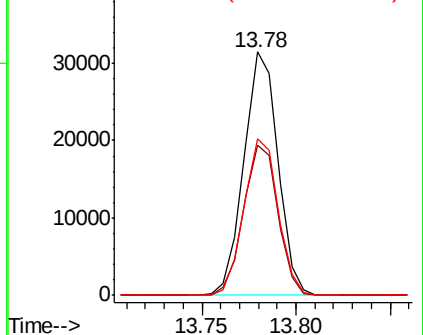
225 100

223 62.3 31.2 93.6

227 64.5 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: 66.906 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008921.D

Acq: 13 Apr 2019 05:32

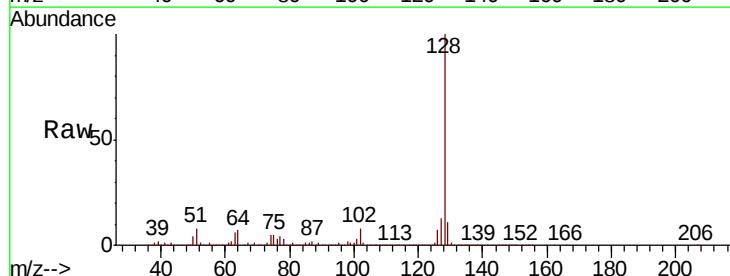
Tgt Ion:128 Resp: 544117

Ion Ratio Lower Upper

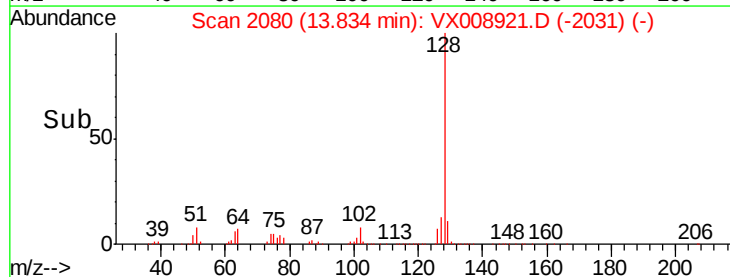
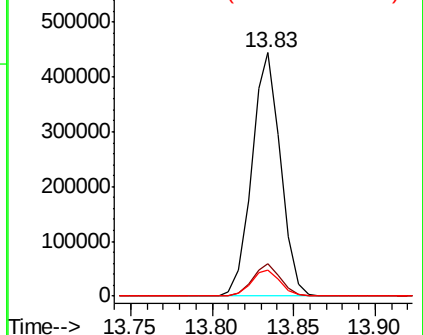
128 100

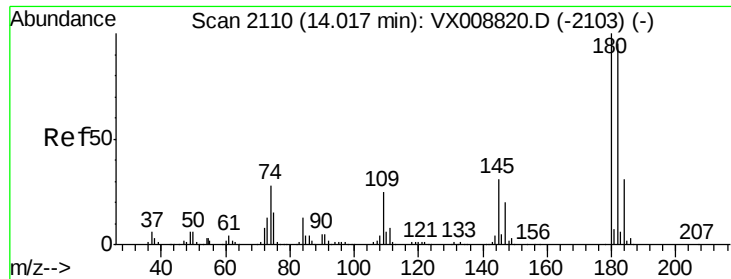
127 13.1 10.4 15.6

129 10.9 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

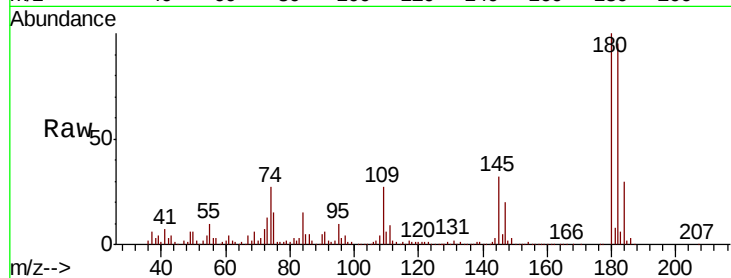




#96
 1,2,3-Trichlorobenzene
 Concen: 47.486 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008921.D
 Acq: 13 Apr 2019 05:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.3
145	33.8	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

