

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041219\
 Data File : VX008920.D
 Acq On : 13 Apr 2019 05:08
 Operator : JC/SP
 Sample : K2367-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703

Quant Time: Apr 13 06:08:15 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	198190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314646	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128205	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	126168	43.65	ug/l	0.00
Spiked Amount			Recovery	=	87.30%	
35) Dibromofluoromethane	5.50	113	92795	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
50) Toluene-d8	8.71	98	395754	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	143283	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	548	Below Cal		98
4) Vinyl Chloride	1.41	62	1212	0.393	ug/l #	1
5) Bromomethane	1.64	94	214	2.021	ug/l #	36
6) Chloroethane	1.73	64	496	Below Cal	#	69
11) Tert butyl alcohol	3.05	59	2012	2.973	ug/l #	70
13) Acrolein	2.27	56	69	0.206	ug/l #	1
15) Acrylonitrile	3.17	53	501	0.279	ug/l #	21
16) Acetone	2.44	43	11191	6.721	ug/l	97
17) Carbon Disulfide	2.57	76	1774	Below Cal		100
18) Methyl Acetate	2.78	43	3833	0.949	ug/l	97
20) Methylene Chloride	2.86	84	634	0.227	ug/l	92
25) 2-Butanone	4.70	43	1589	0.604	ug/l #	56
27) cis-1,2-Dichloroethene	4.60	96	9090	3.190	ug/l	87
28) Bromochloromethane	5.06	49	41	Below Cal	#	22
31) Cyclohexane	5.59	56	19914	3.987	ug/l	98
36) 1,1-Dichloropropene	5.66	75	15453	4.493	ug/l #	50
38) Carbon Tetrachloride	5.67	117	18423	6.472	ug/l #	16
39) Methylcyclohexane	7.46	83	37307	8.781	ug/l	98
40) Benzene	6.15	78	57076	5.570	ug/l	100
48) Methyl methacrylate	7.73	41	3061	0.841	ug/l #	75
49) 1,4-Dioxane	7.85	88	19	0.279	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	3812	0.823	ug/l #	85
52) Toluene	8.79	92	4726	0.782	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	5374	2.216	ug/l #	18
56) Ethyl methacrylate	9.16	69	1282	0.292	ug/l #	1
59) 2-Hexanone	9.52	43	10621	2.952	ug/l	70
67) Ethyl Benzene	10.25	91	313748	27.207	ug/l	98
68) m/p-Xylenes	10.36	106	244529	58.975	ug/l	98
69) o-Xylene	10.70	106	13843	3.445	ug/l	98
73) Isopropylbenzene	11.02	105	25652	2.414	ug/l	100
74) N-amyl acetate	10.94	43	56852	9.095	ug/l #	46
76) 1,2,3-Trichloropropane	11.13	75	69573	19.754	ug/l #	34
78) n-propylbenzene	11.36	91	48692	3.936	ug/l	100
79) 2-Chlorotoluene	11.46	91	12647	1.689	ug/l #	42

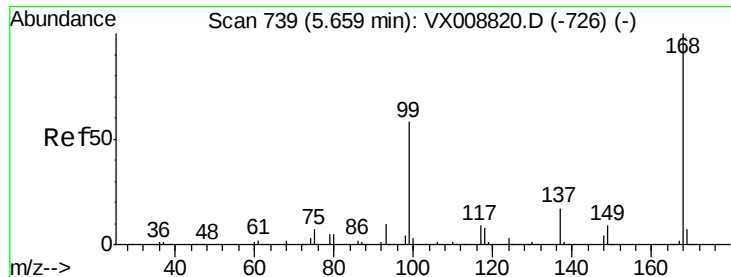
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041219\
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 Operator : JC/SP
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 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	24156	2.709	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	69573	54.454	ug/l #	10
82) 4-Chlorotoluene	11.51	91	2521	0.291	ug/l #	47
83) tert-Butylbenzene	11.77	119	5466	0.637	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	307042	34.000	ug/l	98
85) sec-Butylbenzene	11.94	105	15655	1.536	ug/l	98
86) p-Isopropyltoluene	12.06	119	20110	2.198	ug/l	98
89) n-Butylbenzene	12.38	91	17703	2.064	ug/l #	46
90) Hexachloroethane	12.61	117	4818	3.176	ug/l #	9
91) 1,2-Dichlorobenzene	12.39	146	1761	0.388	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	12.97	75	691	0.777	ug/l #	20
95) Naphthalene	13.83	128	103917	9.850	ug/l	97

(#) = 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: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

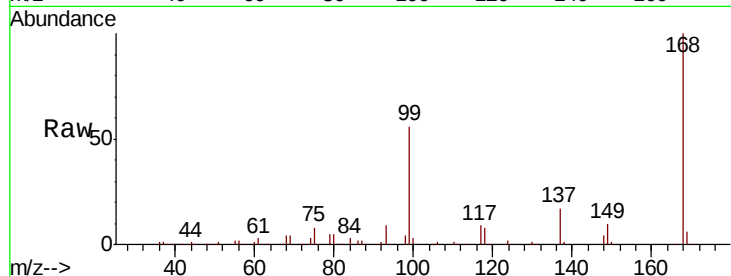
S8-0703

Tot Ion:168 Resp: 198190

Ion Ratio Lower Upper

168 100

99 56.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

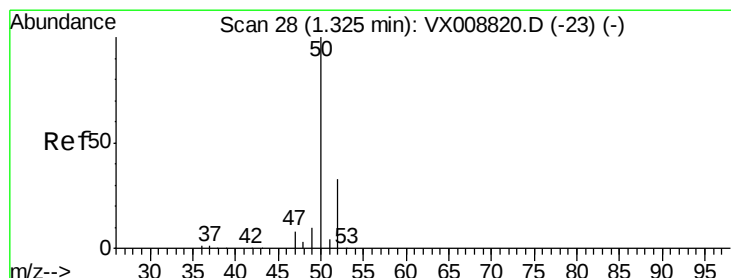
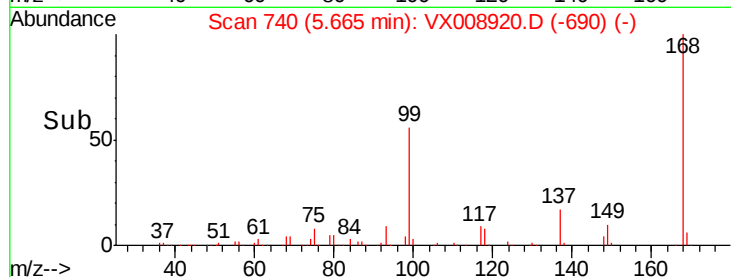
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008920.D

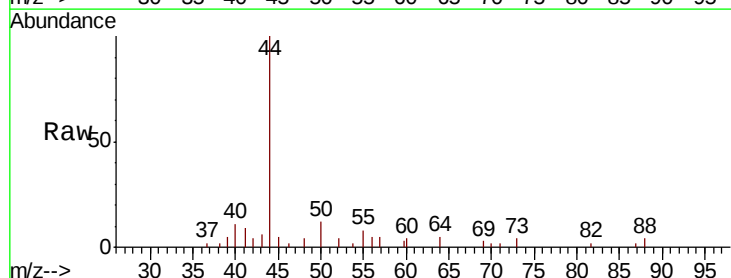
Acq: 13 Apr 2019 05:08

Tgt Ion: 50 Resp: 548

Ion Ratio Lower Upper

50 100

52 33.6 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

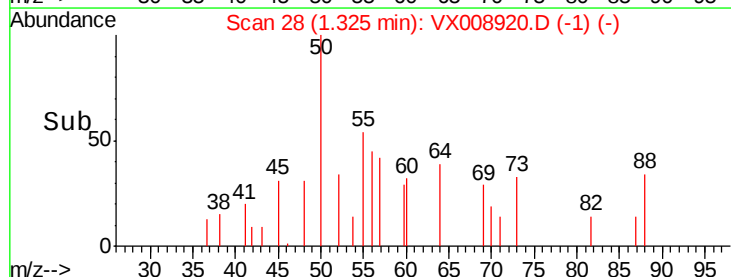
300

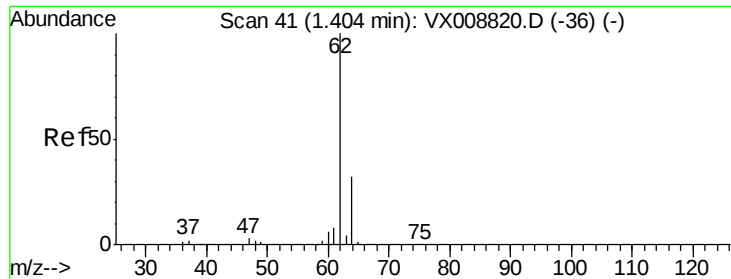
200

100

0

Time--> 1.30 1.35





#4

Vinyl Chloride

Concen: 0.393 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampled :

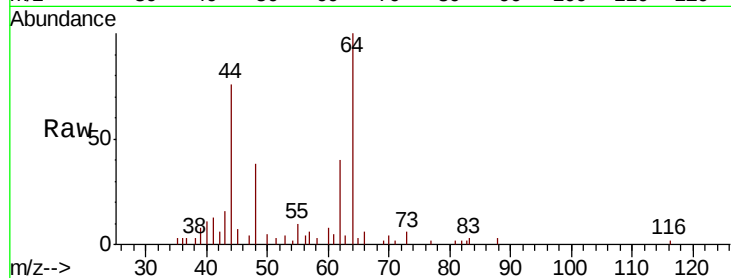
S8-0703

Tot Ion: 62 Resp: 1212

Ion Ratio Lower Upper

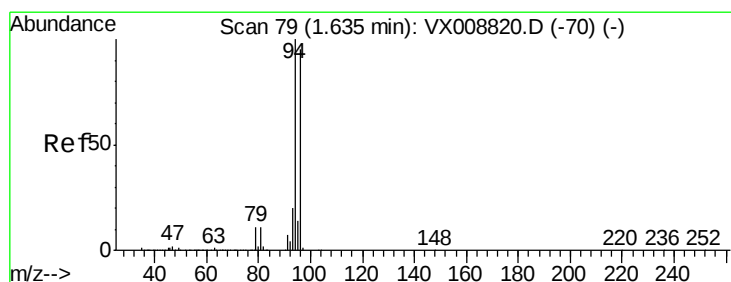
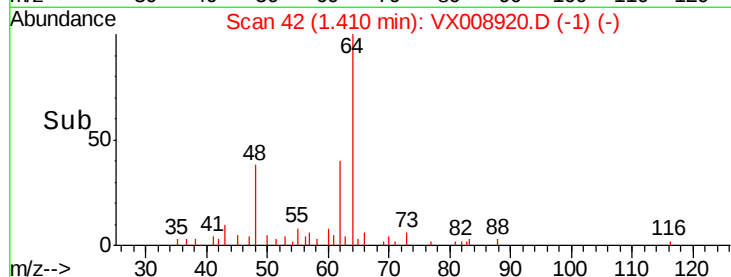
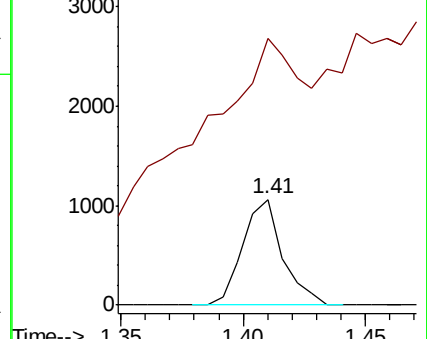
62 100

64 100.7 24.7 37.1#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 2.021 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008920.D

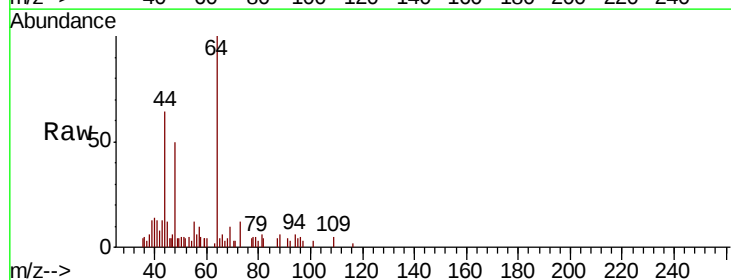
Acq: 13 Apr 2019 05:08

Tgt Ion: 94 Resp: 214

Ion Ratio Lower Upper

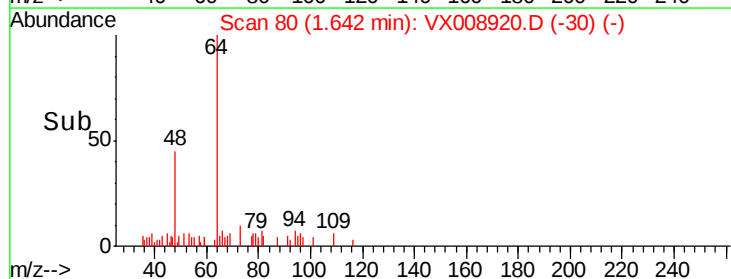
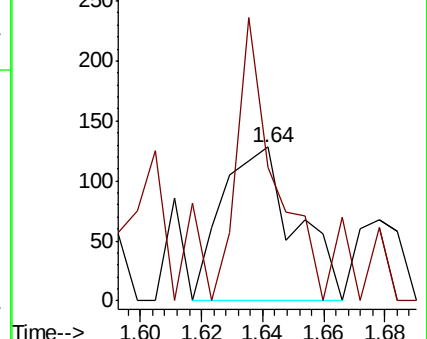
94 100

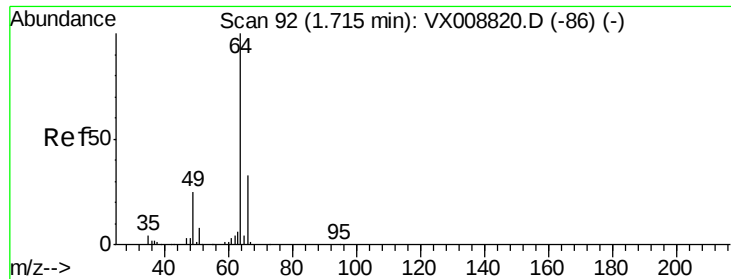
96 32.0 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

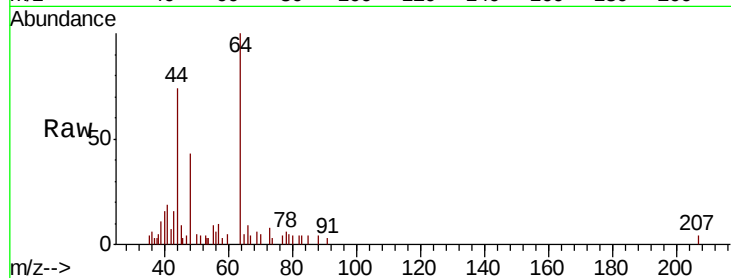
S8-0703

Tot Ion: 64 Resp: 496

Ion Ratio Lower Upper

64 100

66 14.4 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

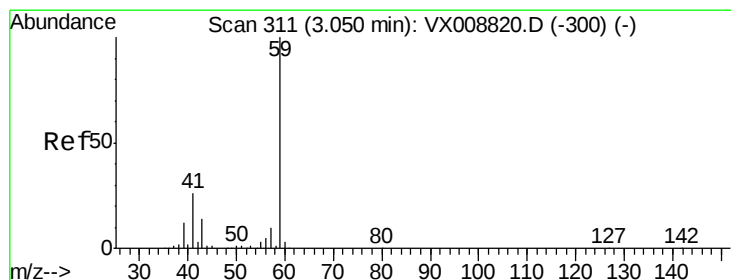
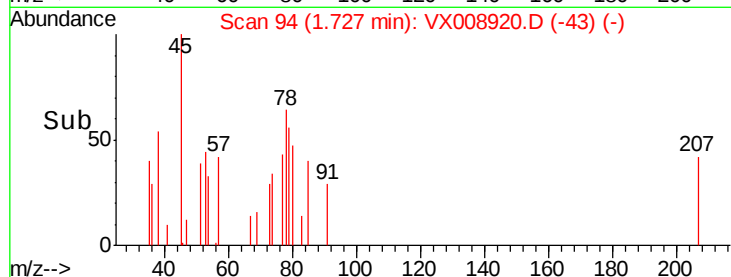
2000

1500

1000

500

Time--> 1.70 1.72 1.74 1.76



#11

Tert butyl alcohol

Concen: 2.973 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.01 min

Lab File: VX008920.D

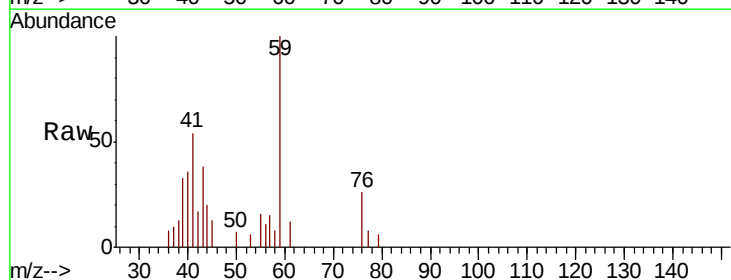
Acq: 13 Apr 2019 05:08

Tgt Ion: 59 Resp: 2012

Ion Ratio Lower Upper

59 100

57 21.5 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.05

5000

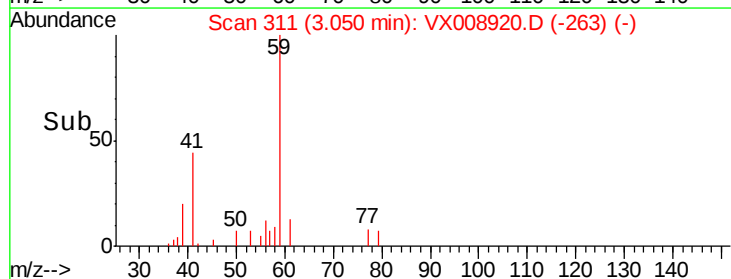
4000

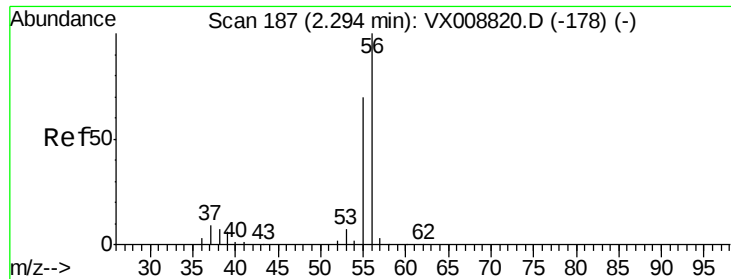
3000

2000

1000

Time--> 2.95 3.00 3.05 3.10





#13

Acrolein

Concen: 0.206 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

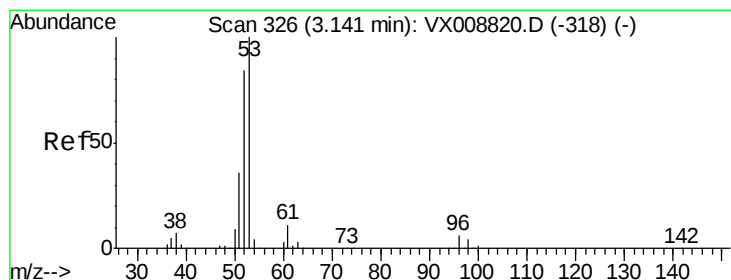
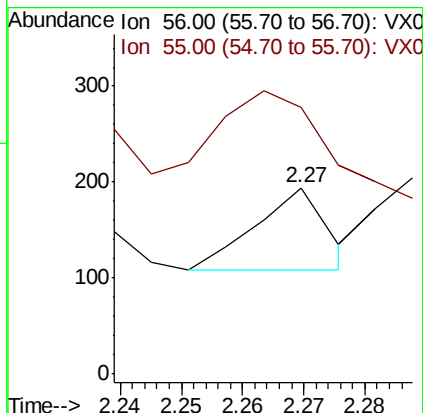
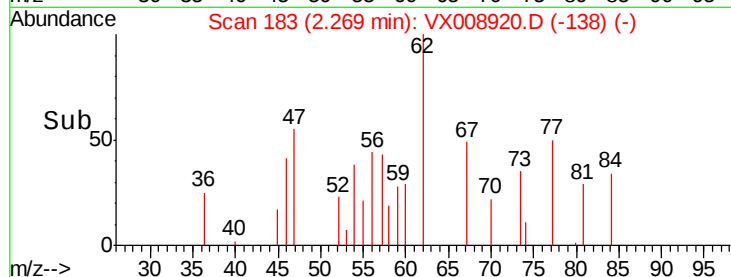
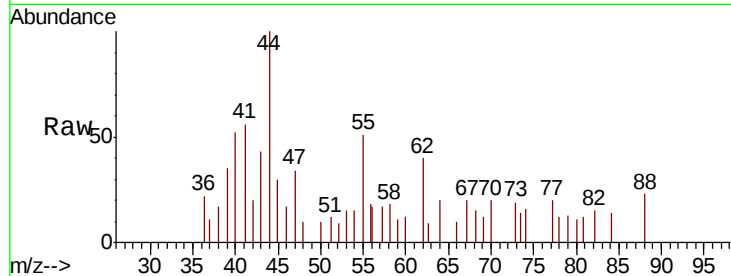
S8-0703

Tot Ion: 56 Resp: 69

Ion Ratio Lower Upper

56 100

55 359.4 58.0 87.0#



#15

Acrylonitrile

Concen: 0.279 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

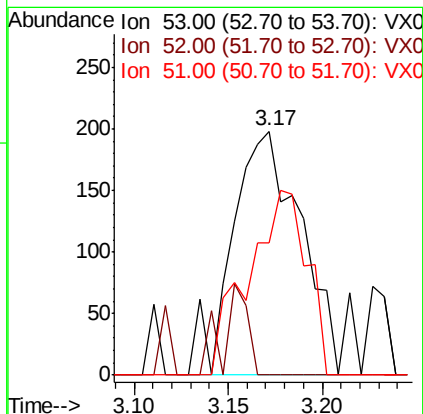
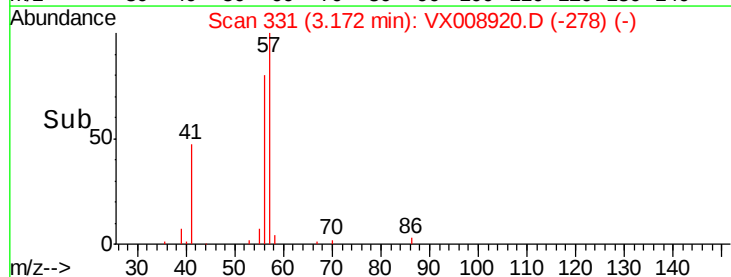
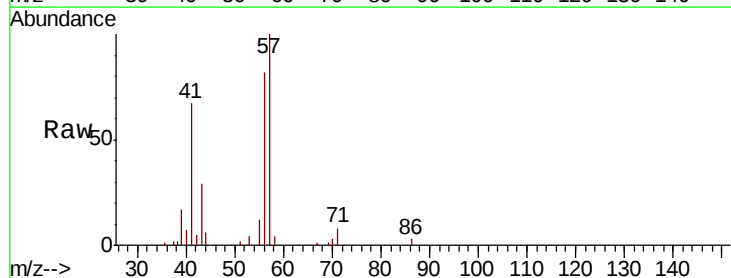
Tgt Ion: 53 Resp: 501

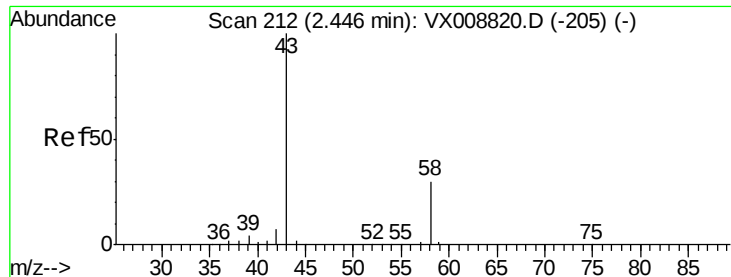
Ion Ratio Lower Upper

53 100

52 0.0 66.5 99.7#

51 64.9 28.6 42.8#





#16

Acetone

Concen: 6.721 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

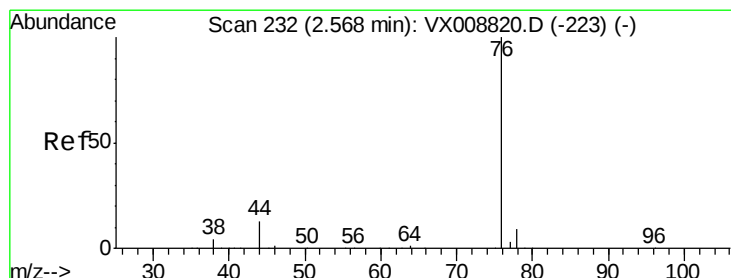
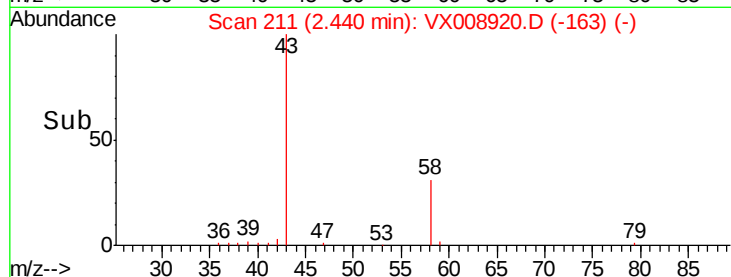
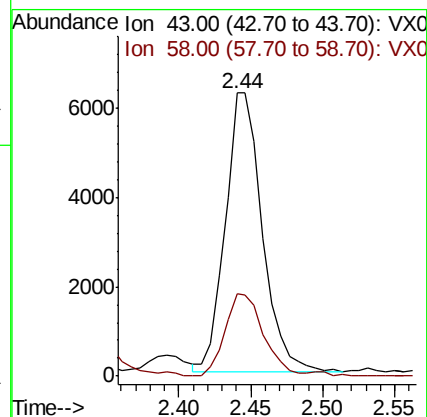
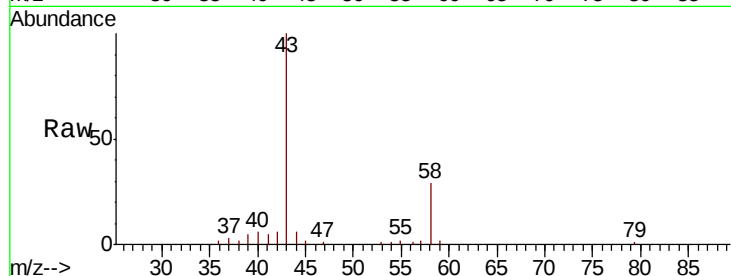
S8-0703

Tot Ion: 43 Resp: 11191

Ion Ratio Lower Upper

43 100

58 29.5 24.8 37.2



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX008920.D

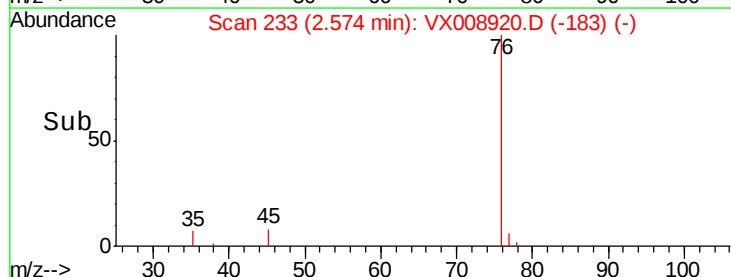
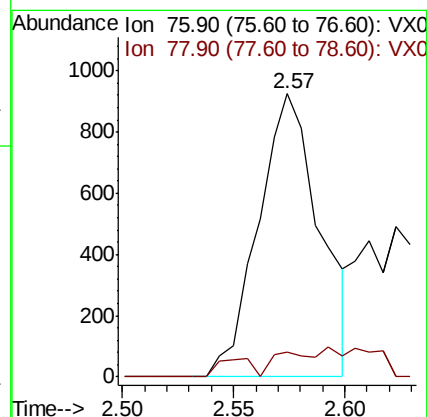
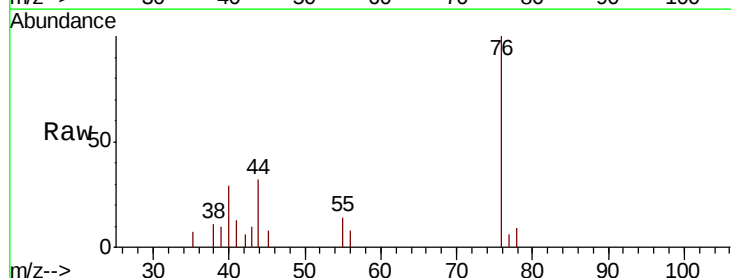
Acq: 13 Apr 2019 05:08

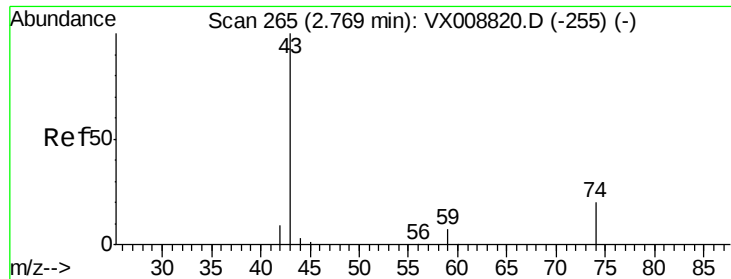
Tgt Ion: 76 Resp: 1774

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

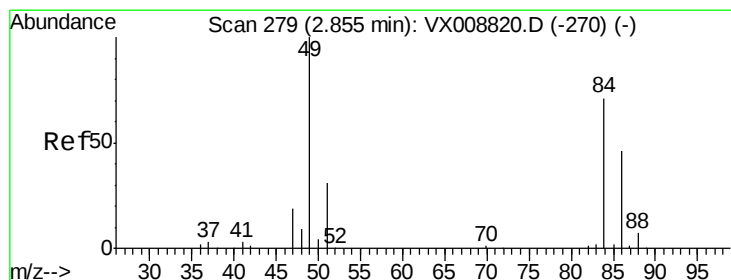
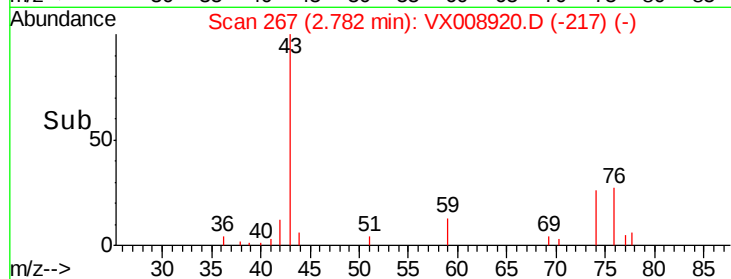
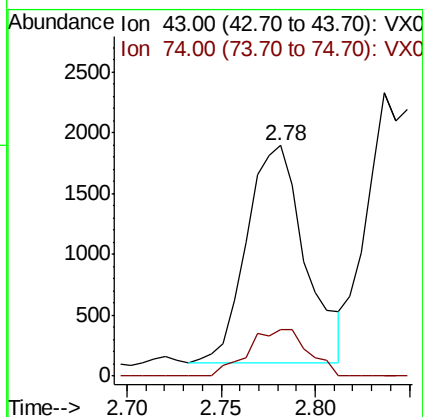
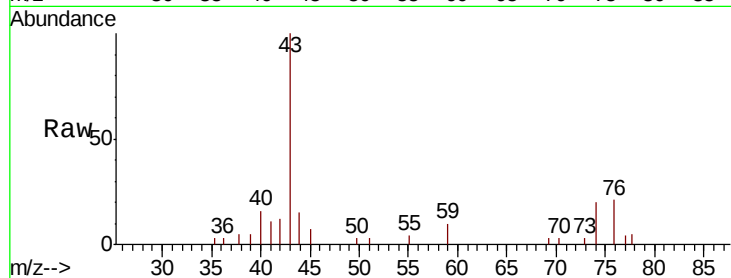




#18
Methyl Acetate
Concen: 0.949 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX008920.D
Acq: 13 Apr 2019 05:08

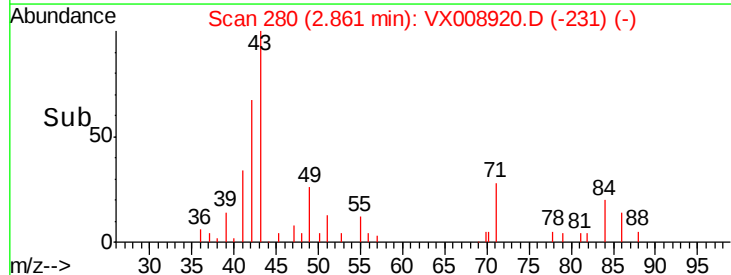
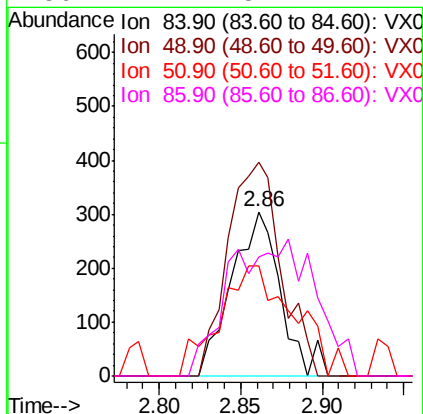
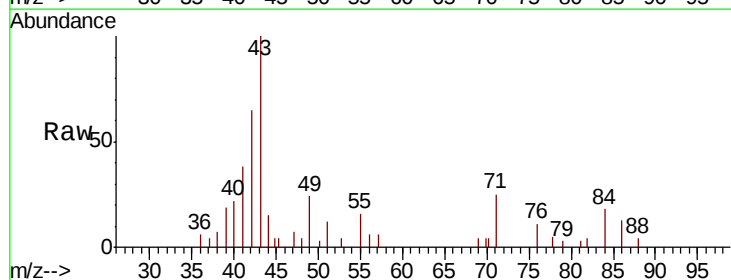
Instrument :
MSVOA_X
ClientSampled :
S8-0703

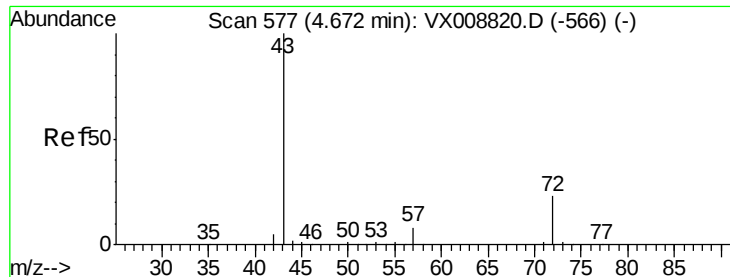
Tot Ion: 43 Resp: 3833
Ion Ratio Lower Upper
43 100
74 22.1 16.5 24.7



#20
Methylene Chloride
Concen: 0.227 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008920.D
Acq: 13 Apr 2019 05:08

Tgt Ion: 84 Resp: 634
Ion Ratio Lower Upper
84 100
49 130.3 109.7 164.5
51 50.0 33.6 50.4
86 72.4 51.4 77.2





#25

2-Butanone

Concen: 0.604 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

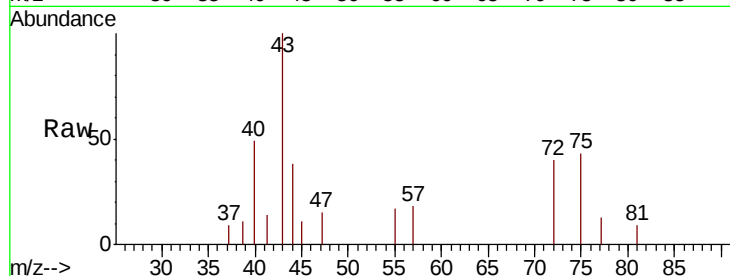
S8-0703

Tot Ion: 43 Resp: 1589

Ion Ratio Lower Upper

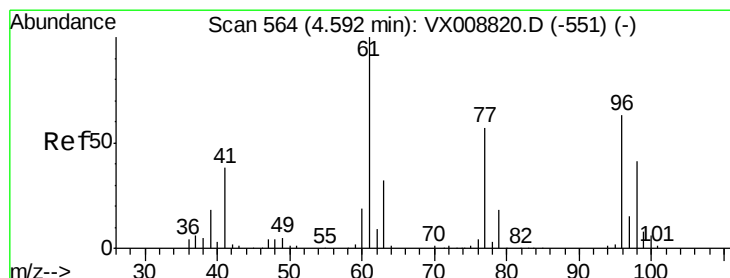
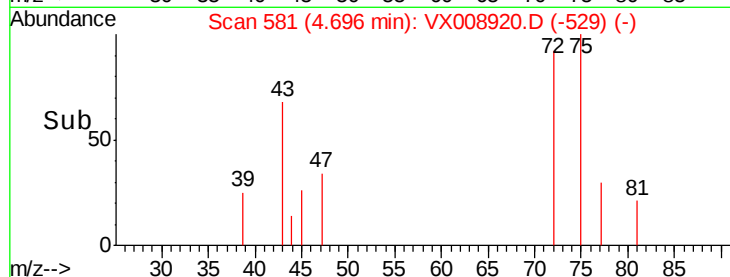
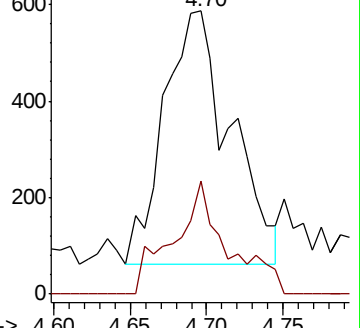
43 100

72 44.3 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 3.190 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

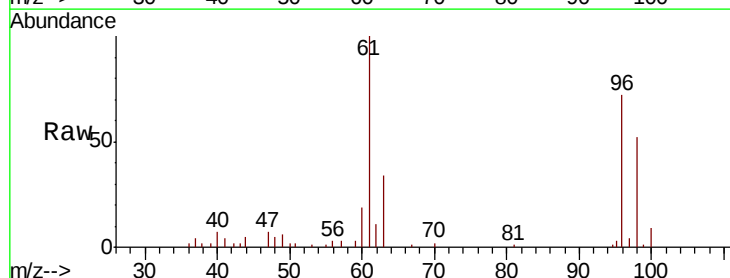
Tgt Ion: 96 Resp: 9090

Ion Ratio Lower Upper

96 100

61 140.5 0.0 327.6

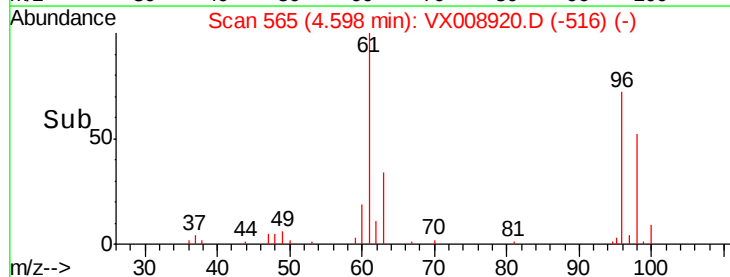
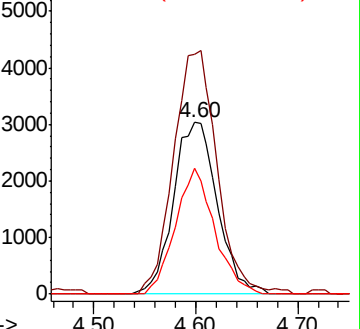
98 65.4 0.0 128.6

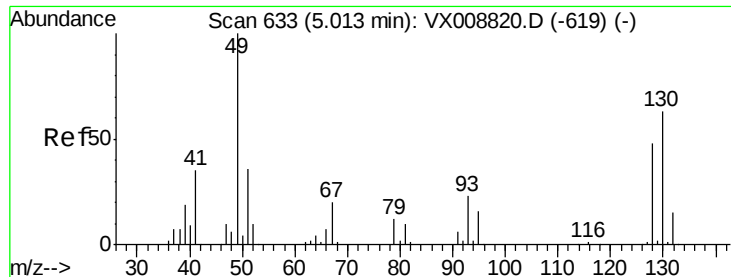


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.06 min Scan# 641

Delta R.T. 0.04 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

S8-0703

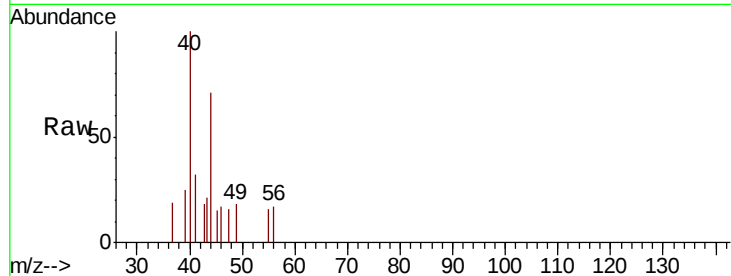
Tot Ion: 49 Resp: 41

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

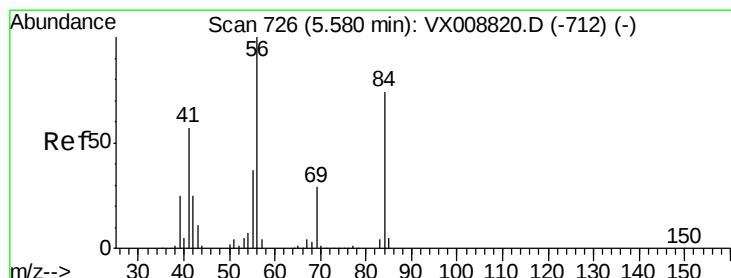
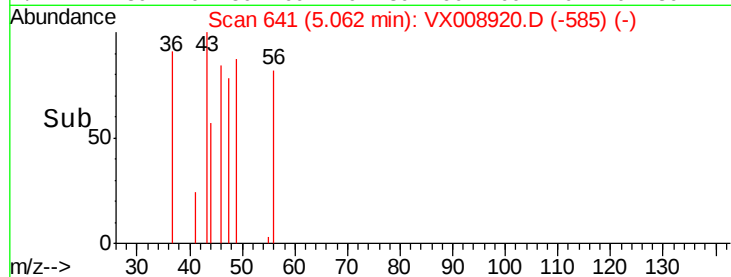
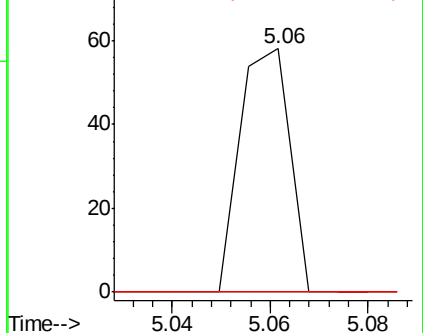
130 0.0 49.3 73.9#



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



#31

Cyclohexane

Concen: 3.987 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

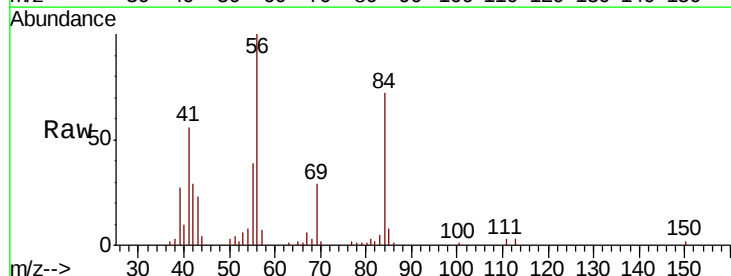
Tgt Ion: 56 Resp: 19914

Ion Ratio Lower Upper

56 100

69 27.7 22.6 33.8

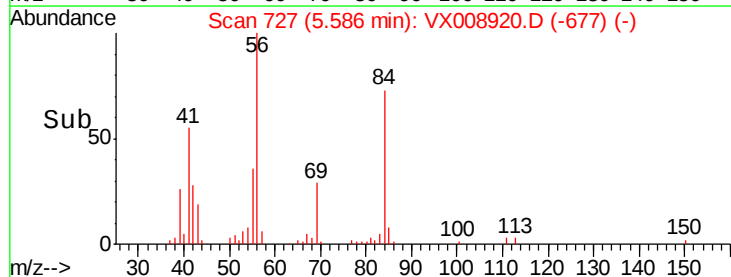
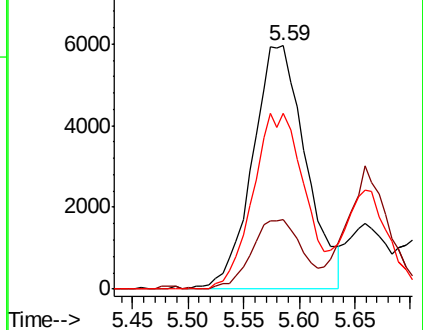
84 72.4 59.3 88.9

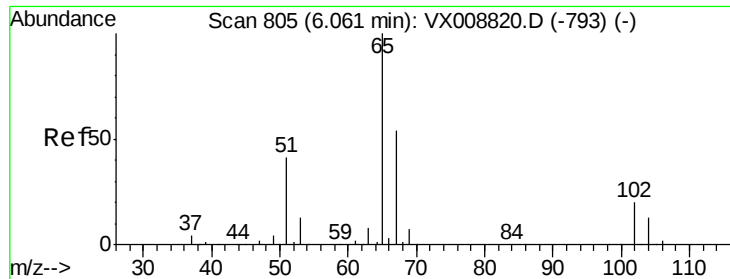


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 43.646 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampled :

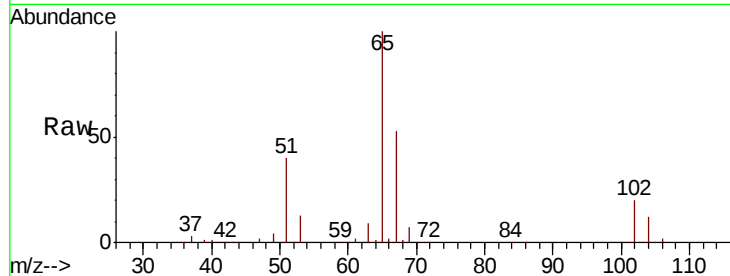
S8-0703

Tot Ion: 65 Resp: 126168

Ion Ratio Lower Upper

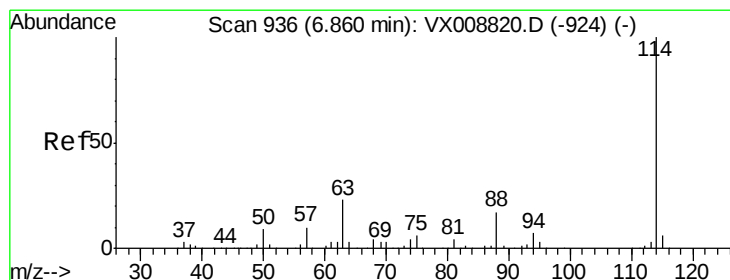
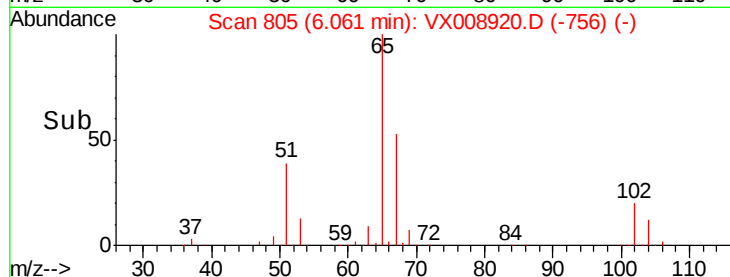
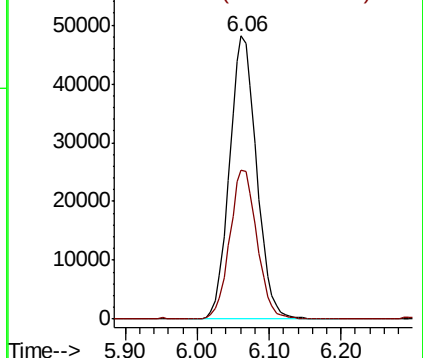
65 100

67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

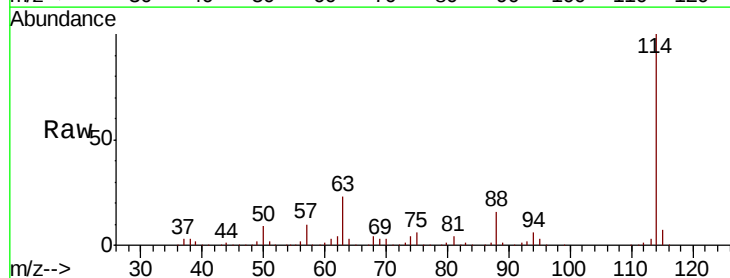
Tgt Ion: 114 Resp: 314646

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.2

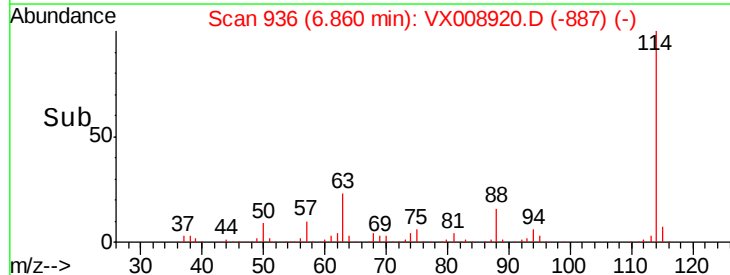
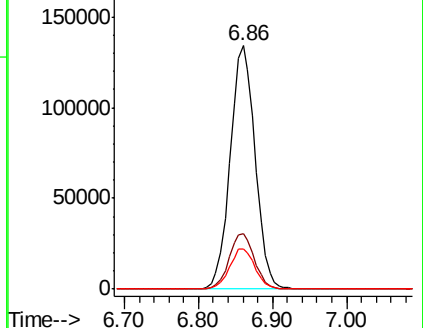
88 16.5 0.0 34.0

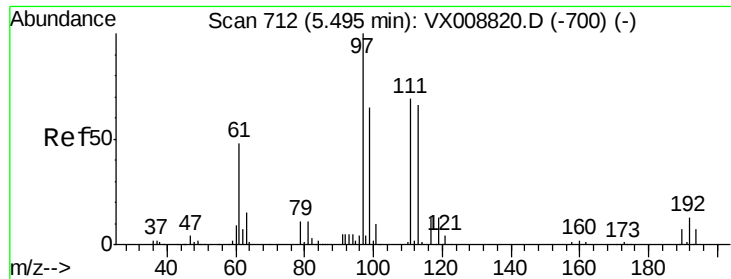


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.127 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

S8-0703

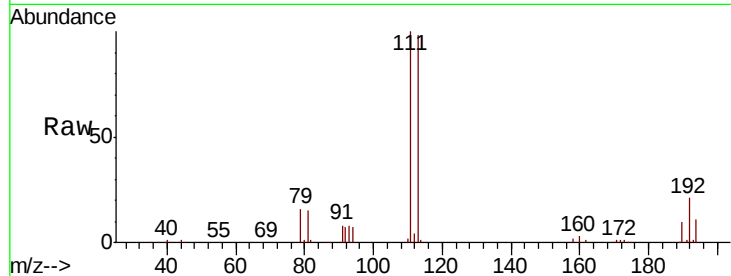
Tot Ion:113 Resp: 92795

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

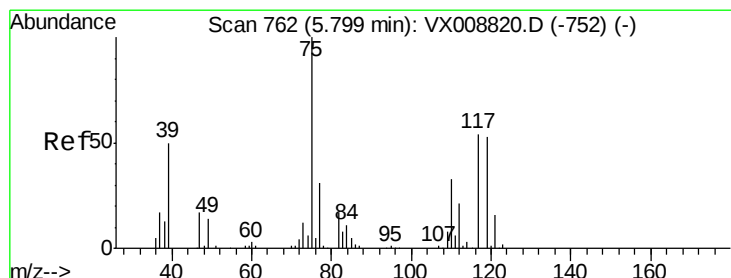
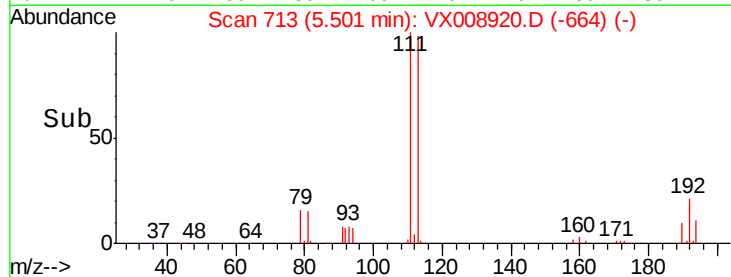
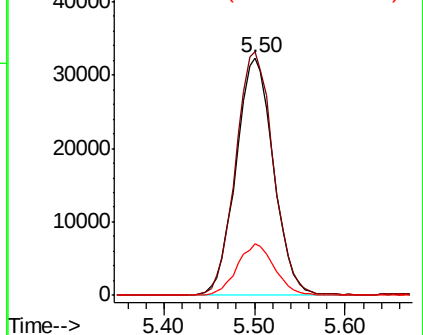
192 21.3 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.493 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

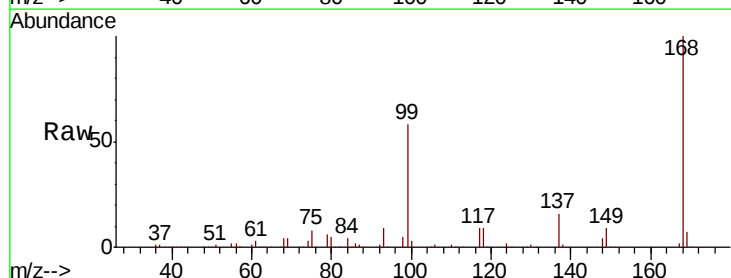
Tgt Ion: 75 Resp: 15453

Ion Ratio Lower Upper

75 100

110 8.1 16.4 49.2#

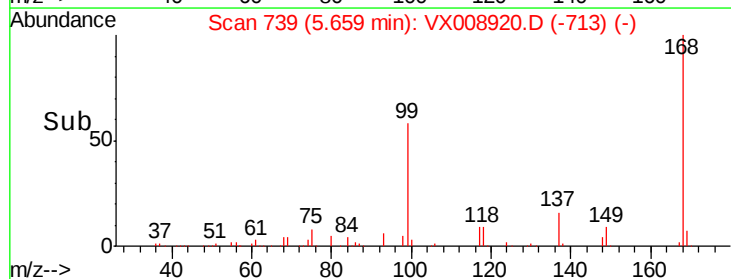
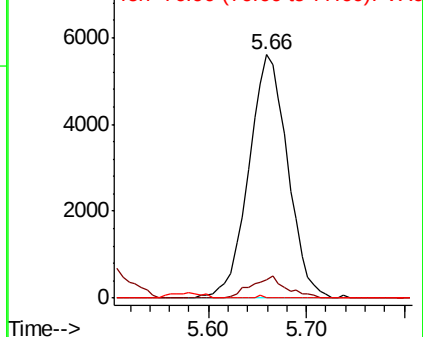
77 0.2 24.7 37.1#

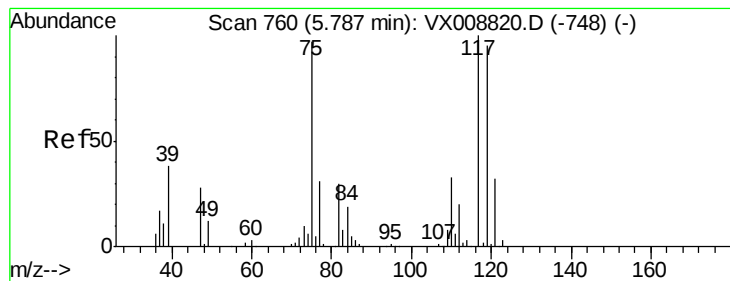


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.472 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampled :

S8-0703

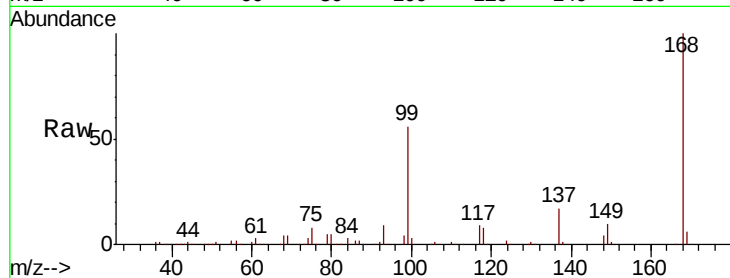
Tot Ion:117 Resp: 18423

Ion Ratio Lower Upper

117 100

119 4.2 75.0 112.6#

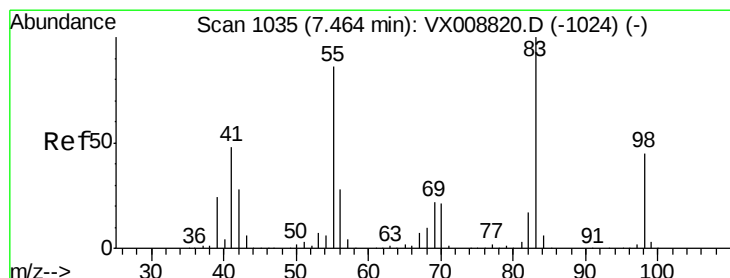
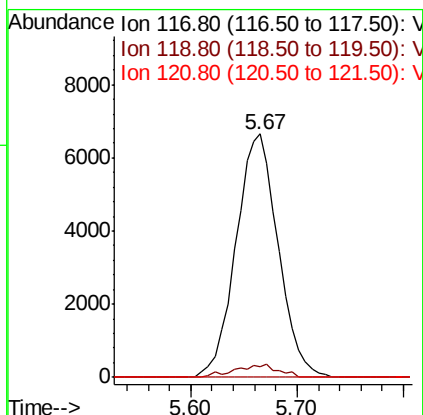
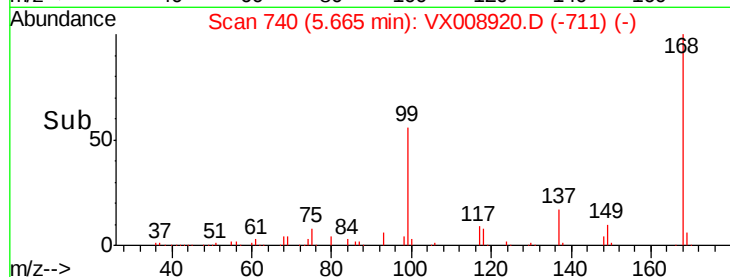
121 0.0 24.3 36.5#



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



#39

Methylcyclohexane

Concen: 8.781 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

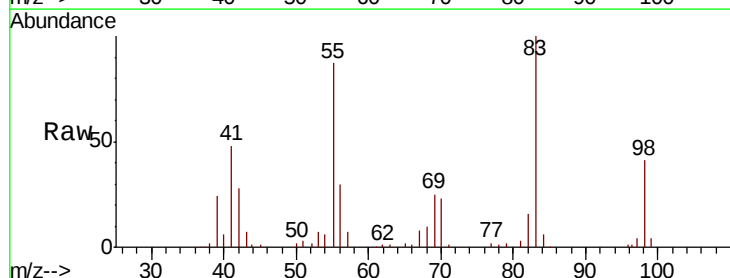
Tgt Ion: 83 Resp: 37307

Ion Ratio Lower Upper

83 100

55 87.2 69.0 103.6

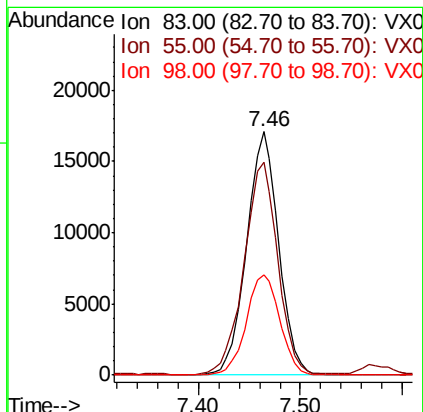
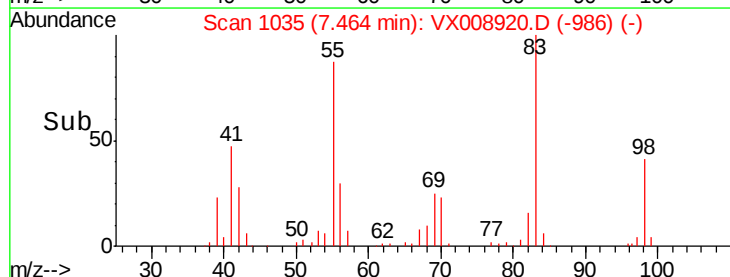
98 41.3 34.4 51.6

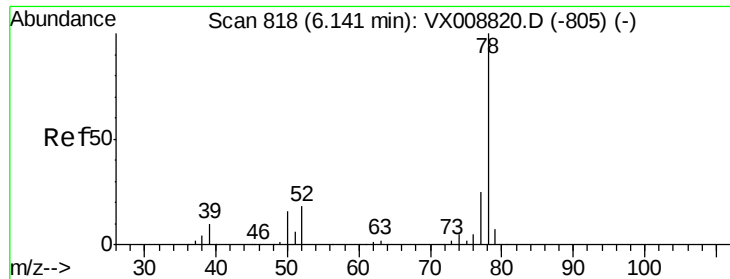


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 5.570 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

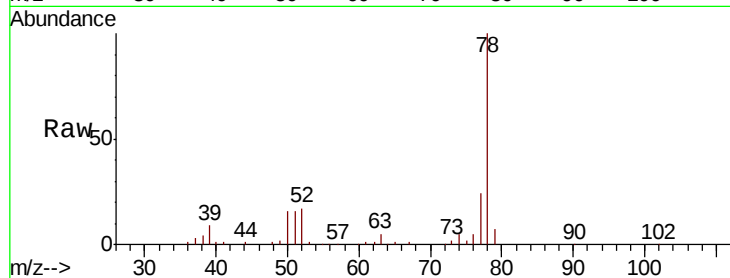
S8-0703

Tot Ion: 78 Resp: 57076

Ion Ratio Lower Upper

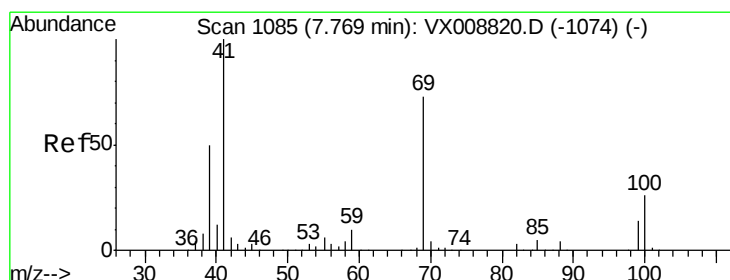
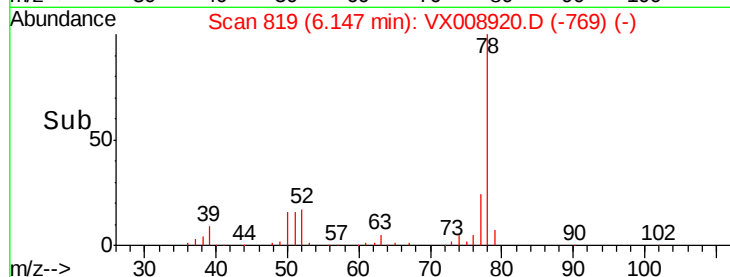
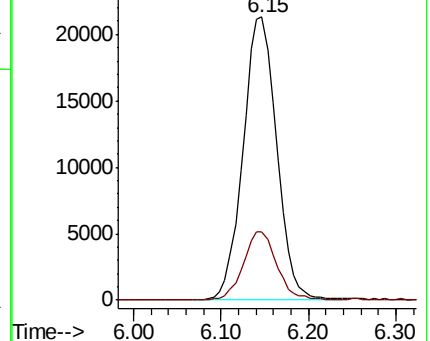
78 100

77 24.1 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#48

Methyl methacrylate

Concen: 0.841 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.04 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

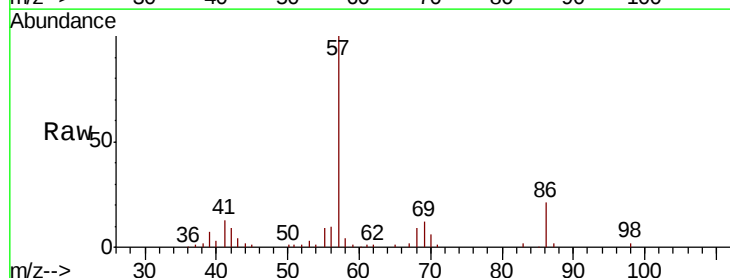
Tgt Ion: 41 Resp: 3061

Ion Ratio Lower Upper

41 100

69 107.8 59.0 88.4#

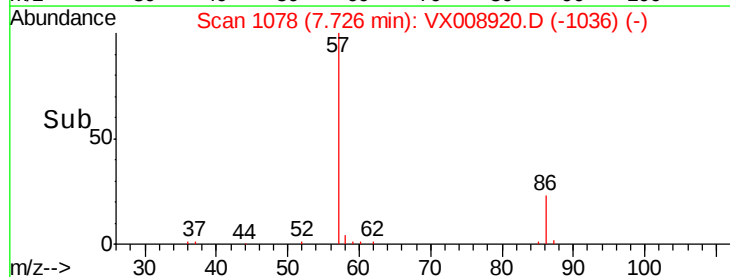
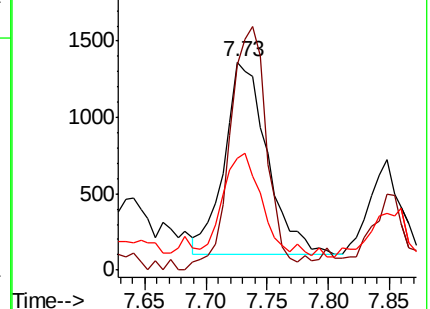
39 48.5 41.0 61.4

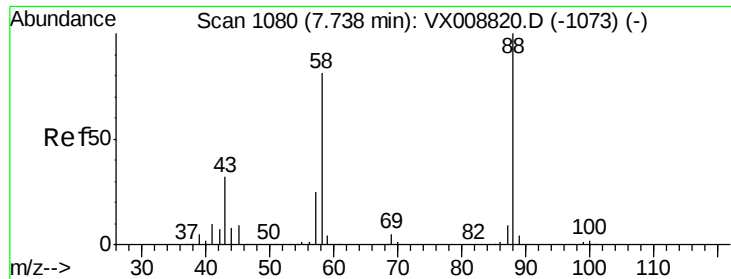


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

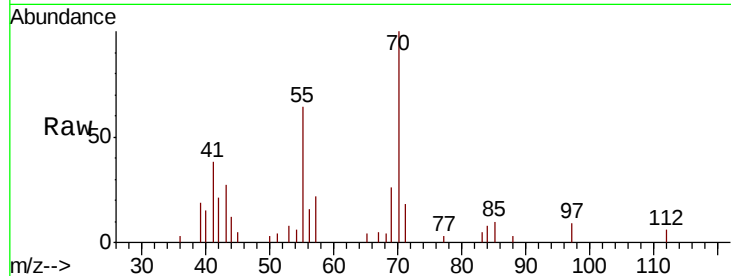




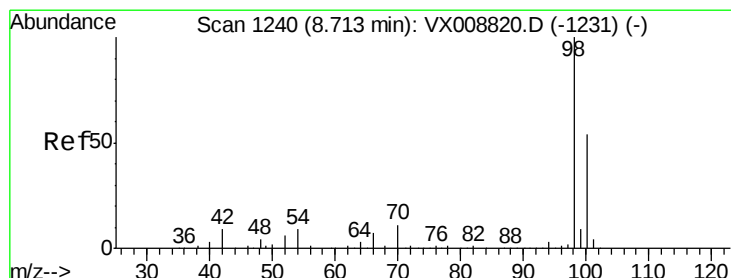
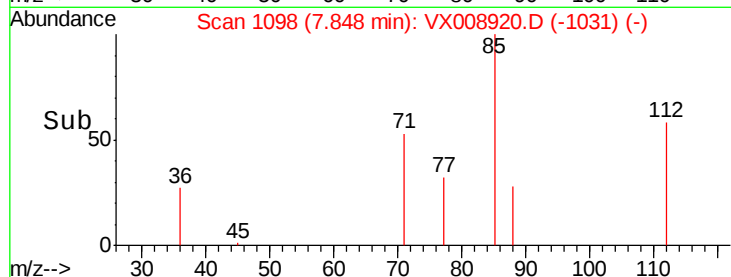
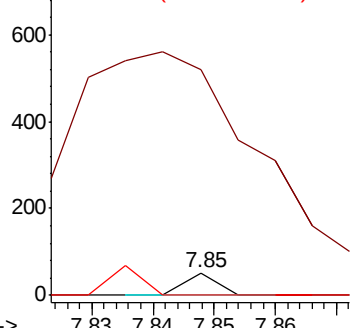
#49
1,4-Dioxane
Concen: 0.279 ug/l
RT: 7.85 min Scan# 1098
Delta R.T. 0.11 min
Lab File: VX008920.D
Acq: 13 Apr 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
S8-0703

Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 5389.5 28.6 43.0#
58 0.0 62.2 93.2#

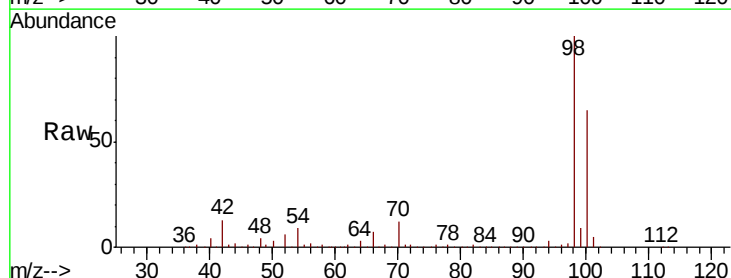


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

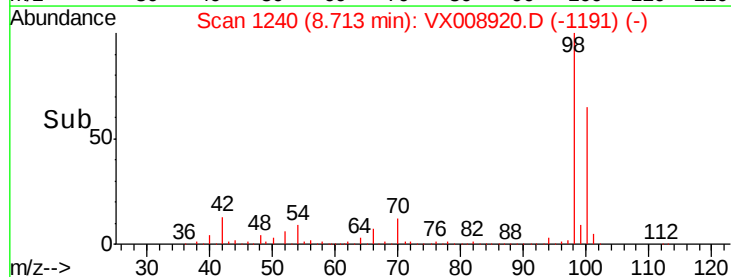
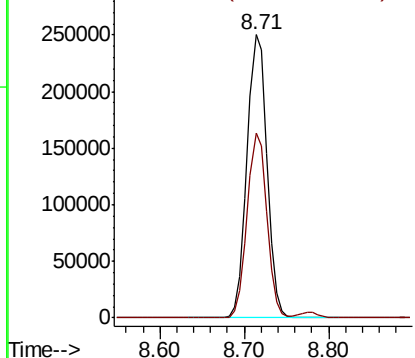


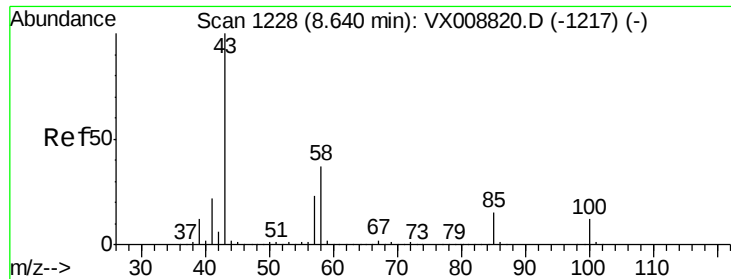
#50
Toluene-d8
Concen: 49.406 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008920.D
Acq: 13 Apr 2019 05:08

Tgt Ion: 98 Resp: 395754
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

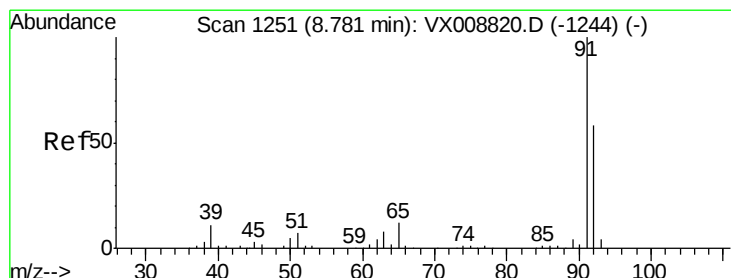
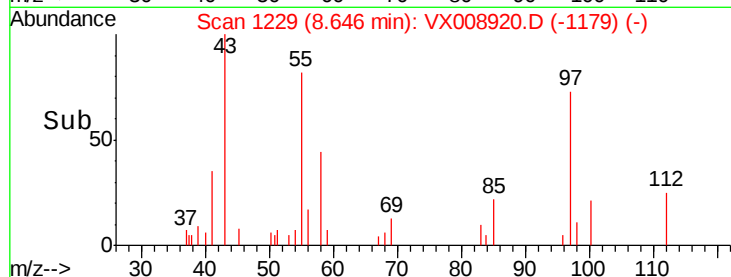
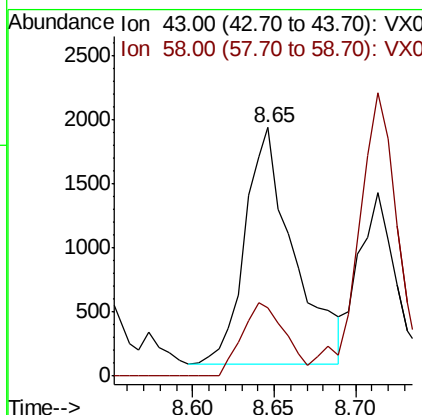
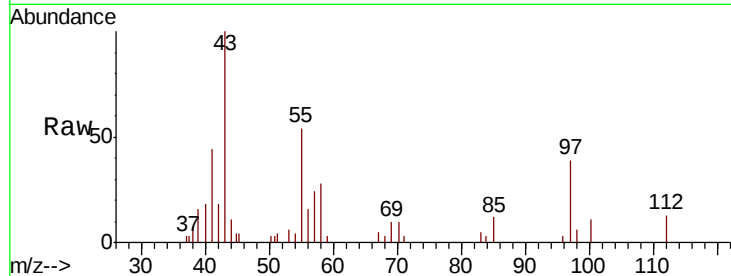




#51
 4-Methyl-2-Pentanone
 Concen: 0.823 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VX008920.D
 Acq: 13 Apr 2019 05:08

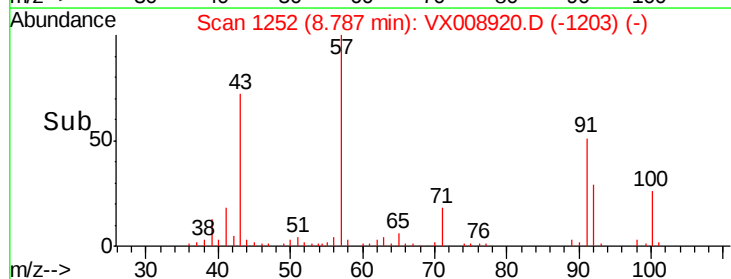
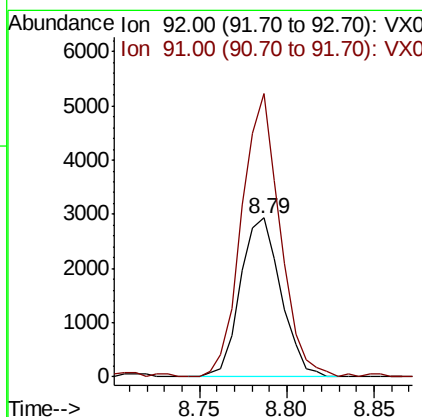
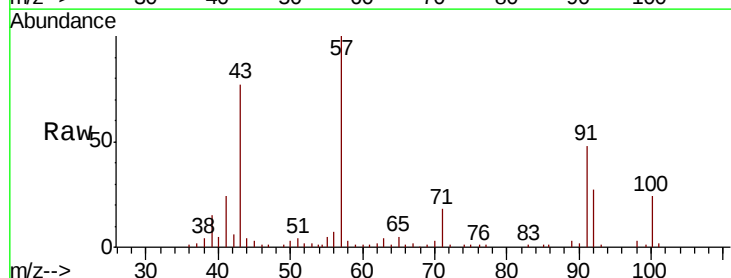
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703

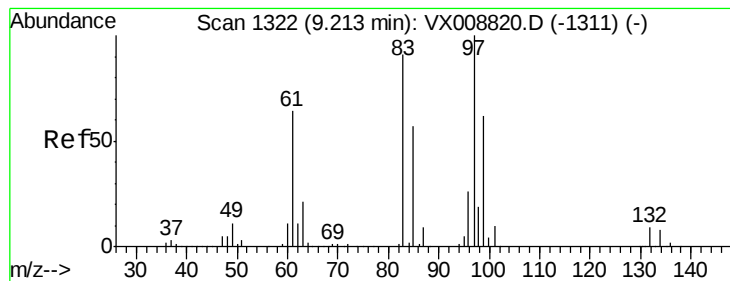
Tot Ion: 43 Resp: 3812
 Ion Ratio Lower Upper
 43 100
 58 28.0 29.5 44.3#



#52
 Toluene
 Concen: 0.782 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX008920.D
 Acq: 13 Apr 2019 05:08

Tgt Ion: 92 Resp: 4726
 Ion Ratio Lower Upper
 92 100
 91 168.7 138.5 207.7





#55

1,1,2-Trichloroethane

Concen: 2.216 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampled :

S8-0703

Tot Ion: 97 Resp: 5374

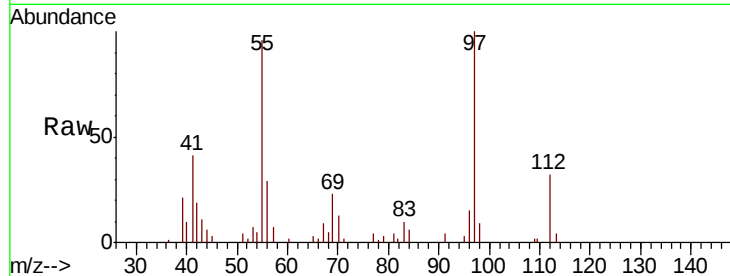
Ion Ratio Lower Upper

97 100

83 10.5 73.2 109.8#

85 0.0 46.6 69.8#

99 0.0 50.1 75.1#

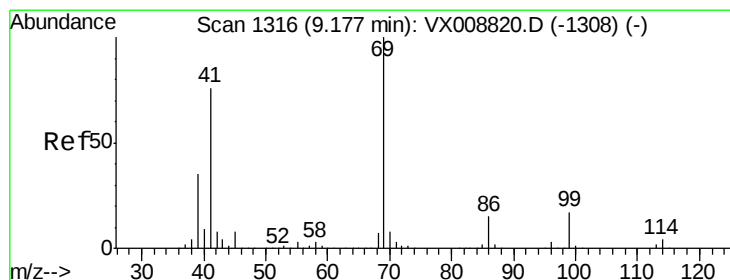
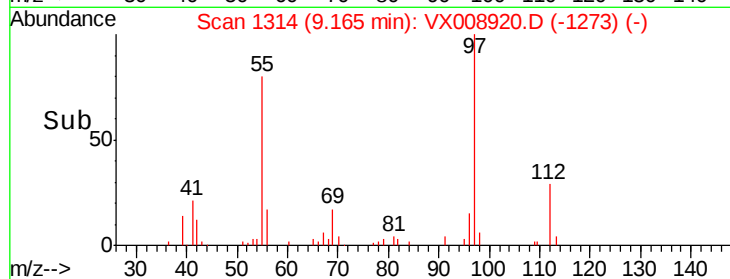
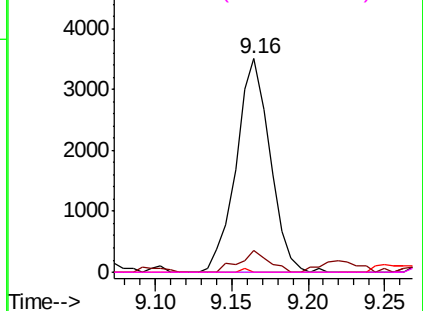


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 0.292 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

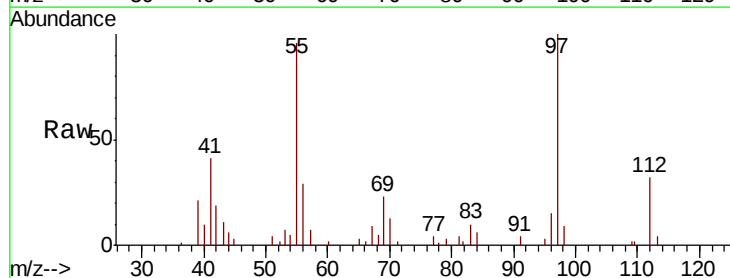
Tgt Ion: 69 Resp: 1282

Ion Ratio Lower Upper

69 100

41 173.6 60.1 90.1#

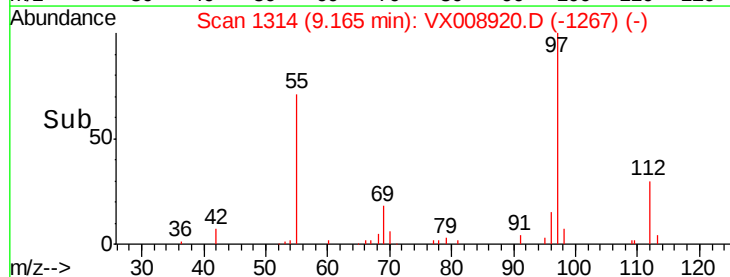
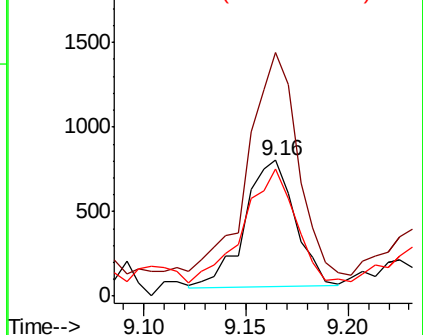
39 91.1 28.9 43.3#

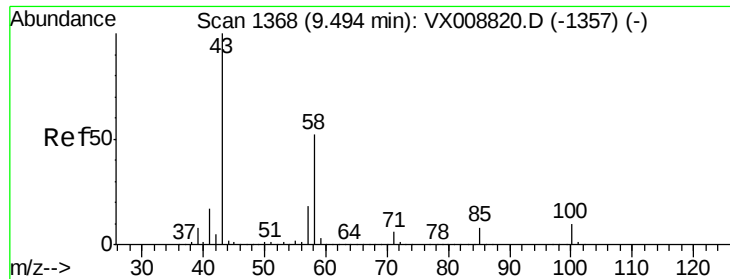


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

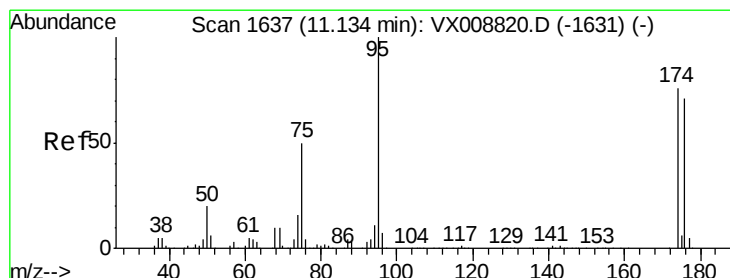
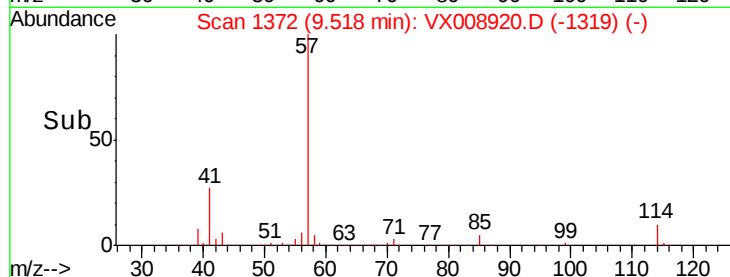
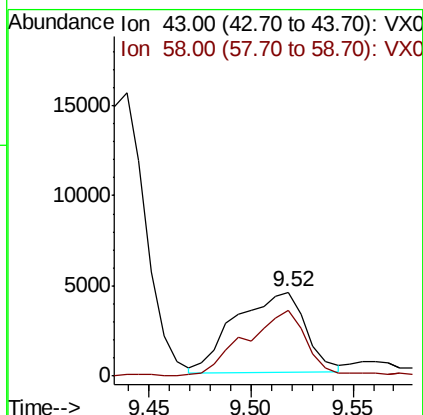
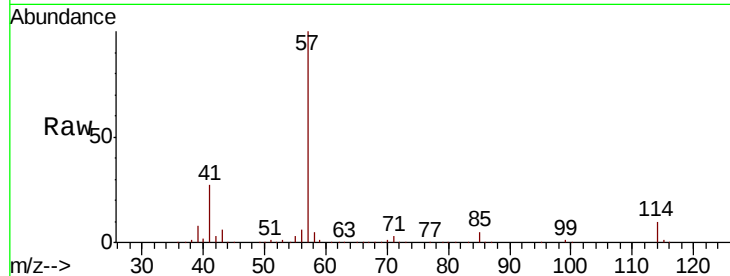




#59
2-Hexanone
Concen: 2.952 ug/l
RT: 9.52 min Scan# 1372
Delta R.T. 0.02 min
Lab File: VX008920.D
Acq: 13 Apr 2019 05:08

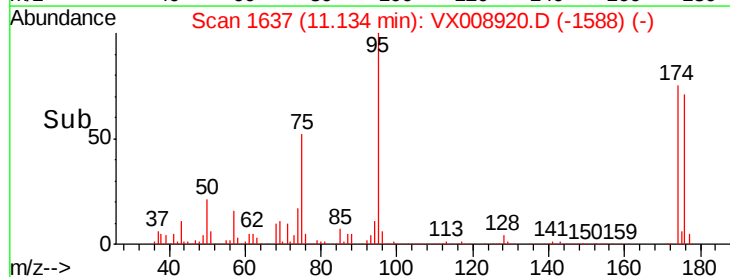
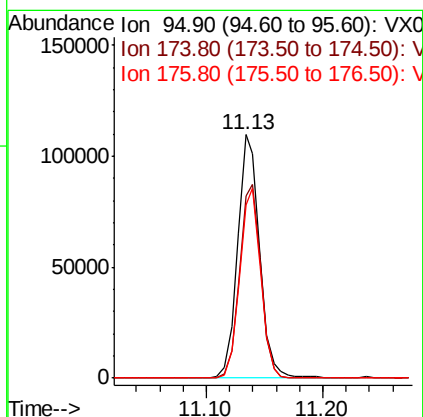
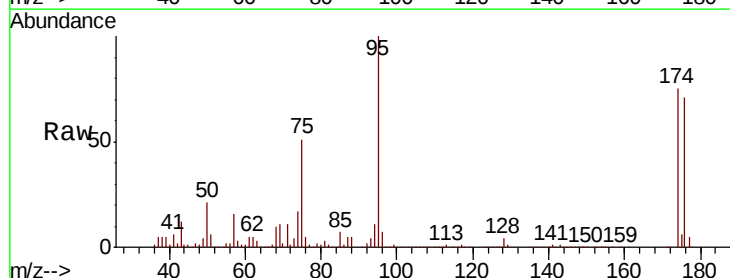
Instrument :
MSVOA_X
ClientSampleId :
S8-0703

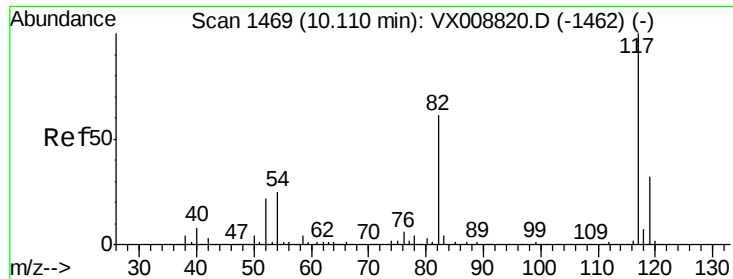
Tot Ion: 43 Resp: 10621
Ion Ratio Lower Upper
43 100
58 72.6 25.9 77.7



#62
4-Bromofluorobenzene
Concen: 50.442 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008920.D
Acq: 13 Apr 2019 05:08

Tgt Ion: 95 Resp: 143283
Ion Ratio Lower Upper
95 100
174 77.5 0.0 151.8
176 74.6 0.0 145.8

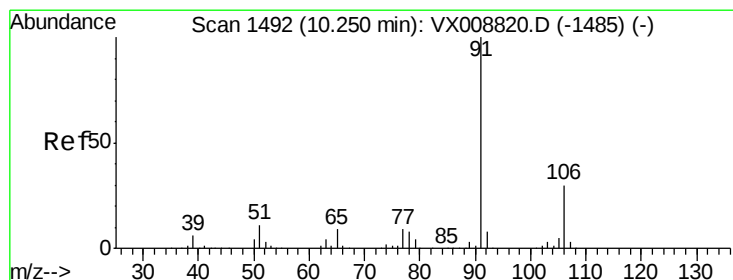
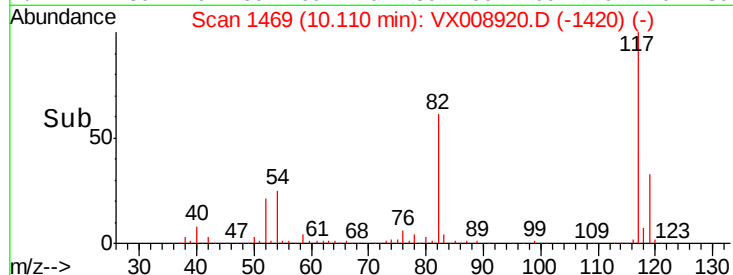
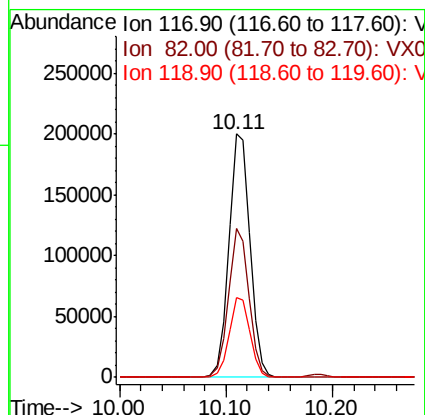
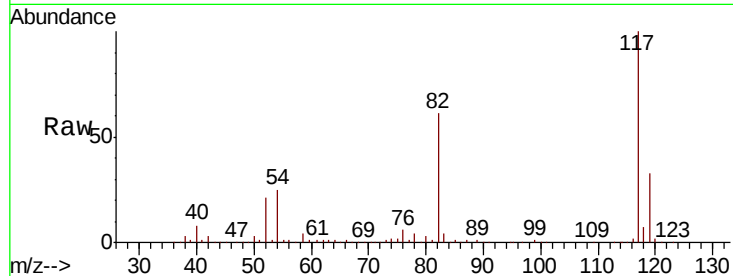




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008920.D
Acq: 13 Apr 2019 05:08

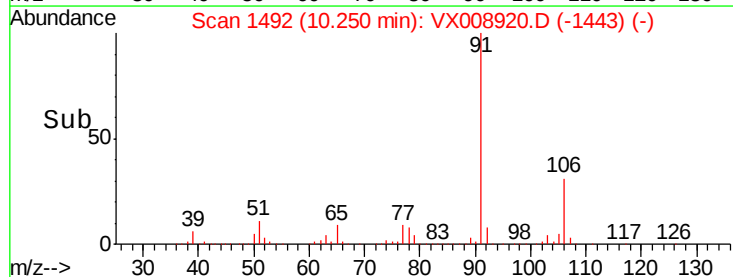
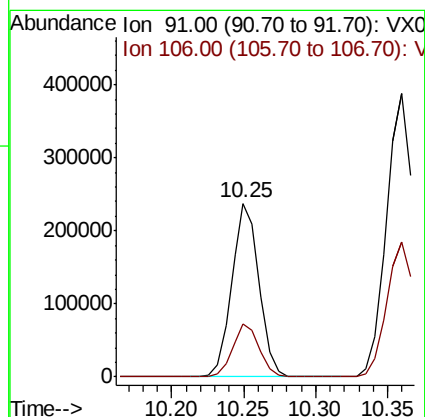
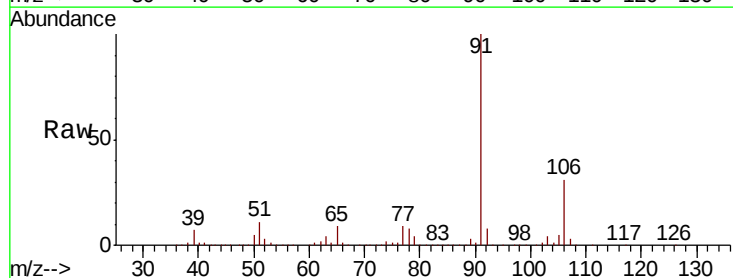
Instrument :
MSVOA_X
ClientSampled :
S8-0703

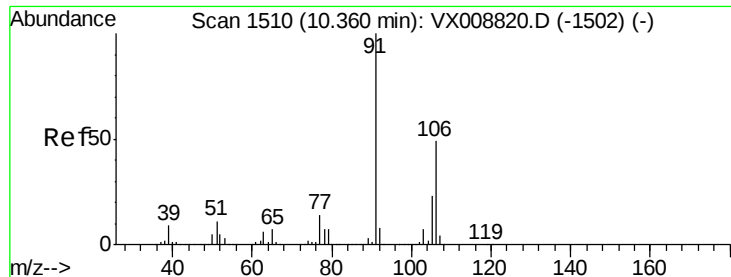
Tot Ion:117 Resp: 278990
Ion Ratio Lower Upper
117 100
82 60.9 49.6 74.4
119 32.5 25.0 37.4



#67
Ethyl Benzene
Concen: 27.207 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008920.D
Acq: 13 Apr 2019 05:08

Tgt Ion: 91 Resp: 313748
Ion Ratio Lower Upper
91 100
106 30.5 23.7 35.5

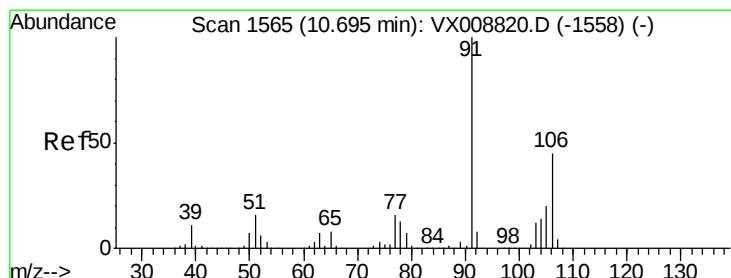
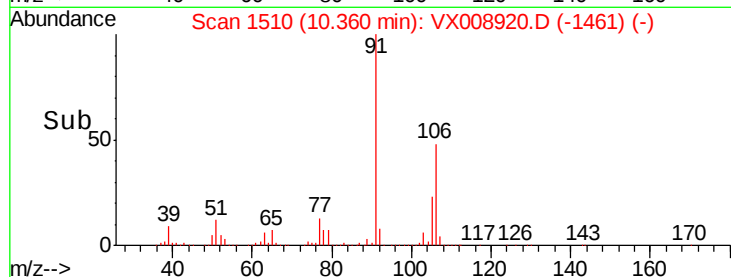
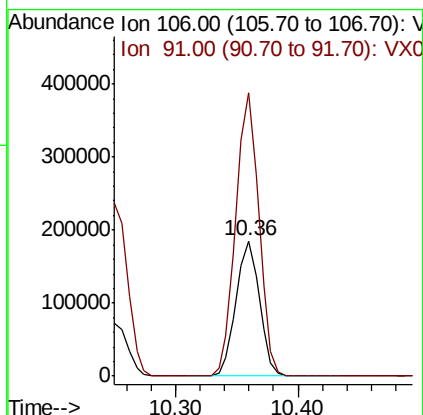
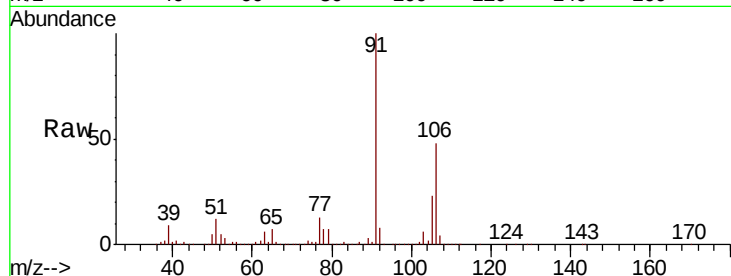




#68
m/p-Xylenes
Concen: 58.975 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008920.D
Acq: 13 Apr 2019 05:08

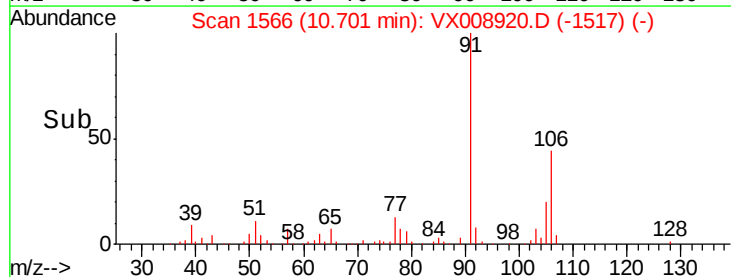
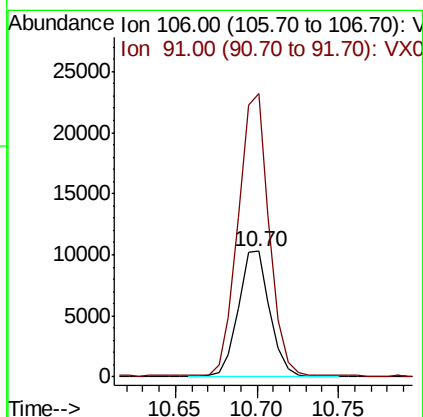
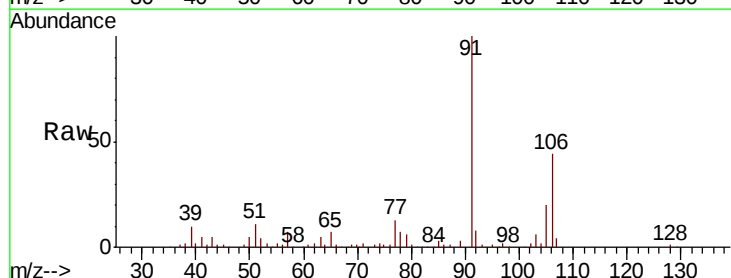
Instrument :
MSVOA_X
ClientSampleId :
S8-0703

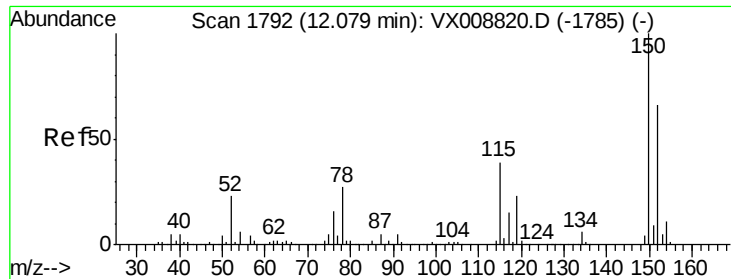
Tot Ion:106 Resp: 244529
Ion Ratio Lower Upper
106 100
91 207.7 168.5 252.7



#69
o-Xylene
Concen: 3.445 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008920.D
Acq: 13 Apr 2019 05:08

Tgt Ion:106 Resp: 13843
Ion Ratio Lower Upper
106 100
91 219.8 111.5 334.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

S8-0703

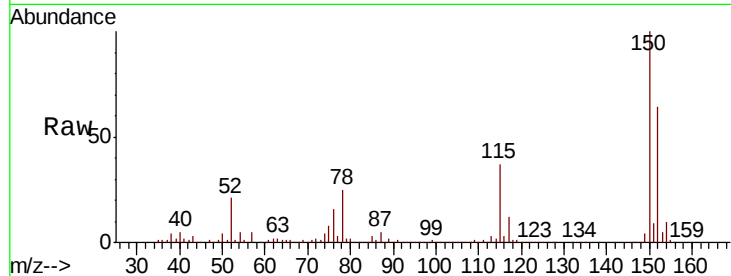
Tot Ion:152 Resp: 128205

Ion Ratio Lower Upper

152 100

115 59.9 43.5 130.5

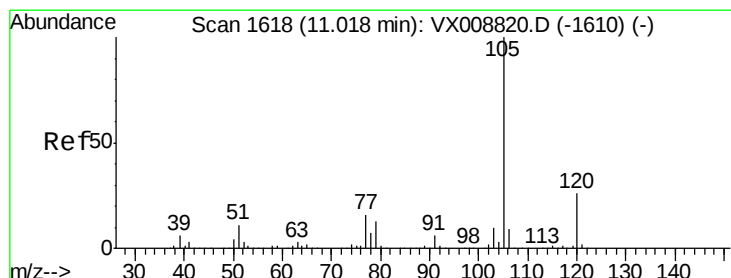
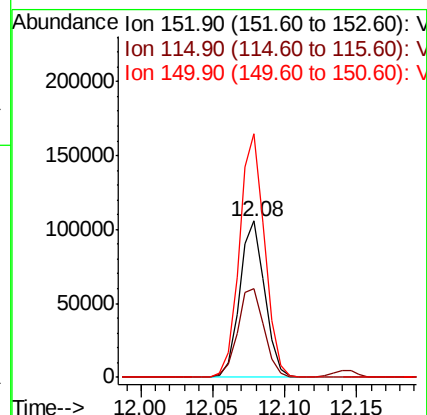
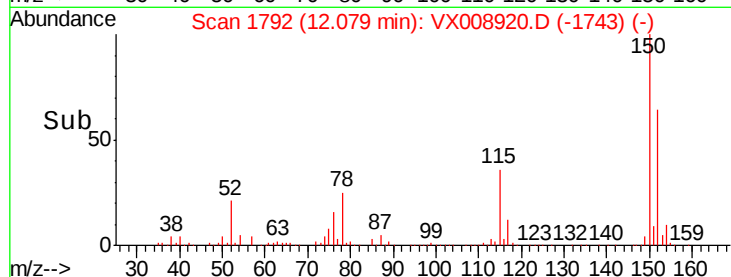
150 156.3 0.0 348.8



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: 2.414 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008920.D

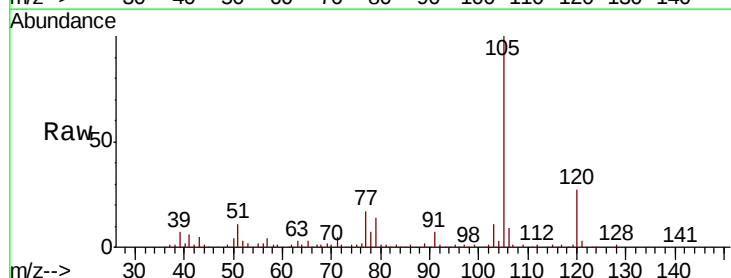
Acq: 13 Apr 2019 05:08

Tgt Ion:105 Resp: 25652

Ion Ratio Lower Upper

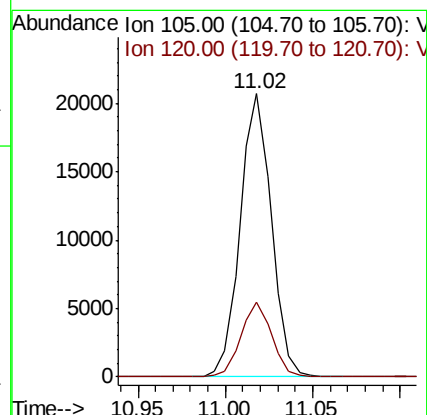
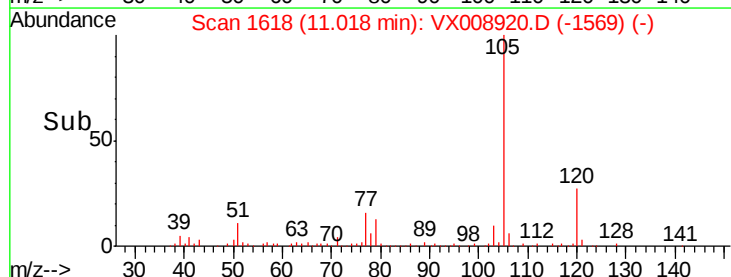
105 100

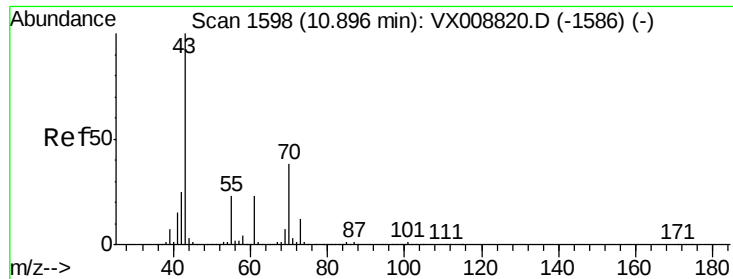
120 25.9 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 9.095 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

S8-0703

Tot Ion: 43 Resp: 56852

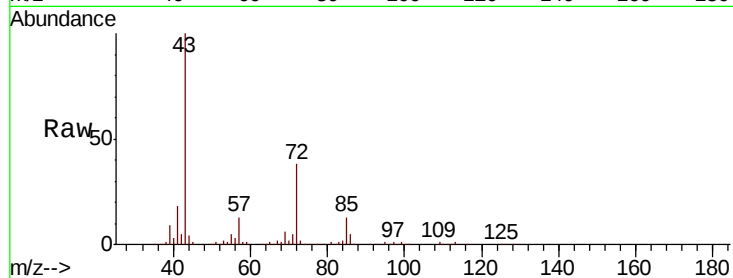
Ion Ratio Lower Upper

43 100

70 0.0 30.2 45.4#

55 0.0 18.2 27.4#

61 0.0 18.6 28.0#

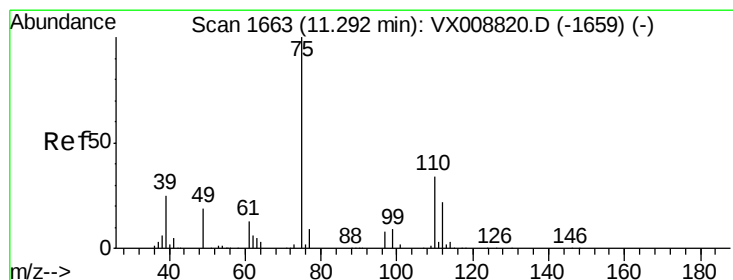
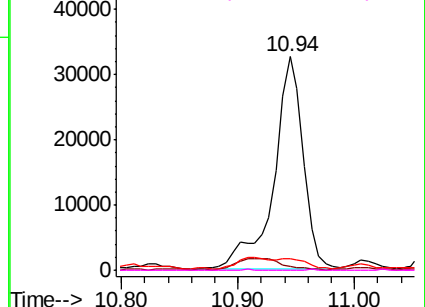
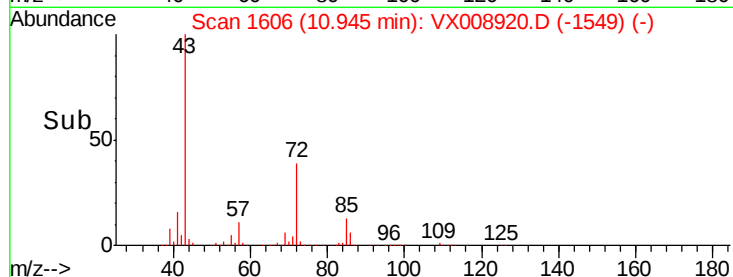


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 19.754 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008920.D

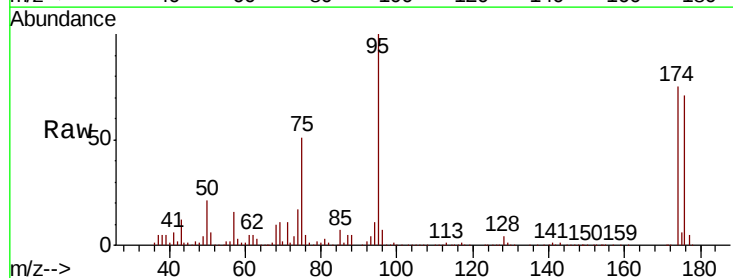
Acq: 13 Apr 2019 05:08

Tgt Ion: 75 Resp: 69573

Ion Ratio Lower Upper

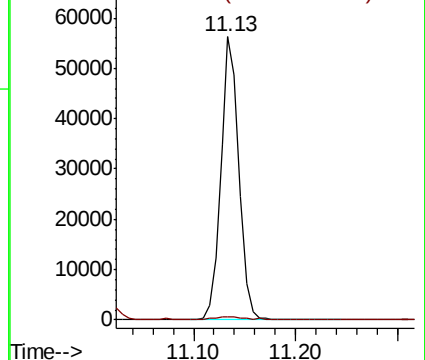
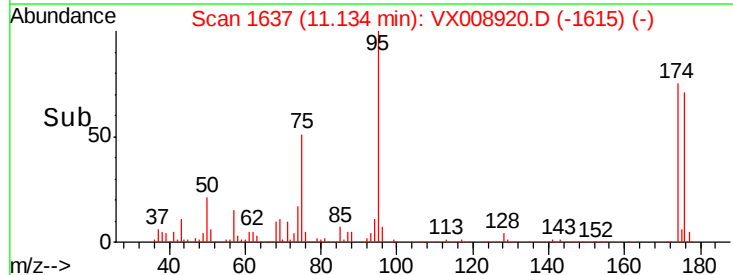
75 100

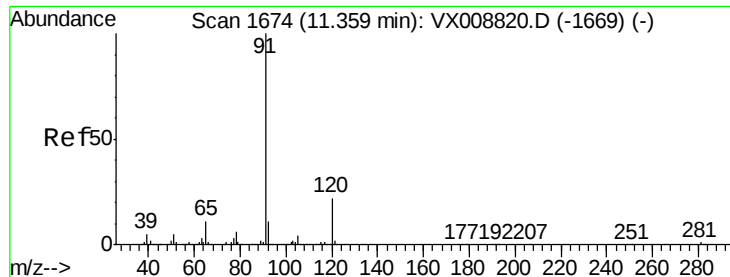
77 1.6 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 3.936 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

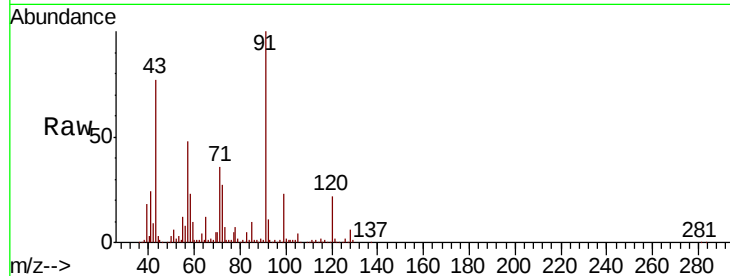
S8-0703

Tot Ion: 91 Resp: 48692

Ion Ratio Lower Upper

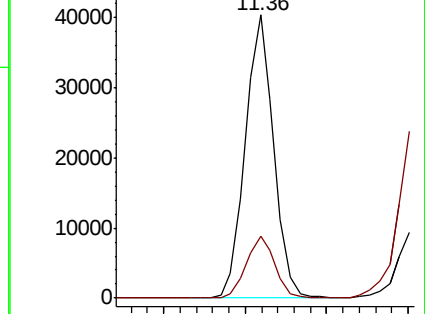
91 100

120 22.0 10.9 32.7

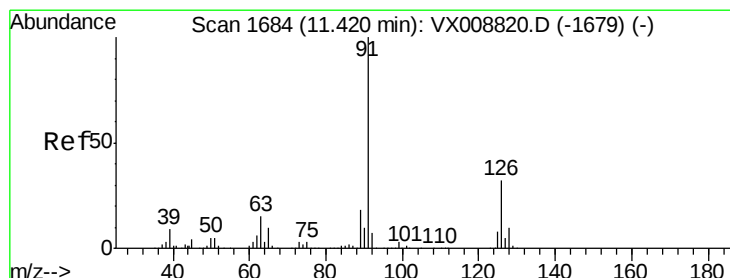
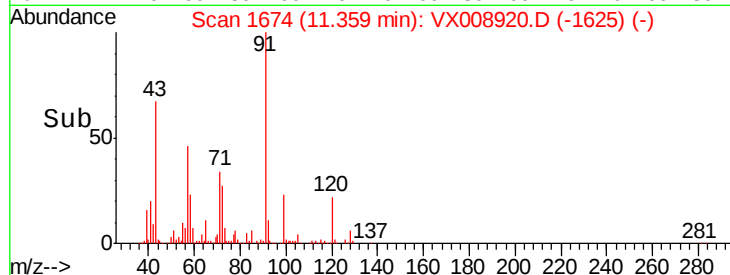


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time-->



#79

2-Chlorotoluene

Concen: 1.689 ug/l

RT: 11.46 min Scan# 1690

Delta R.T. 0.04 min

Lab File: VX008920.D

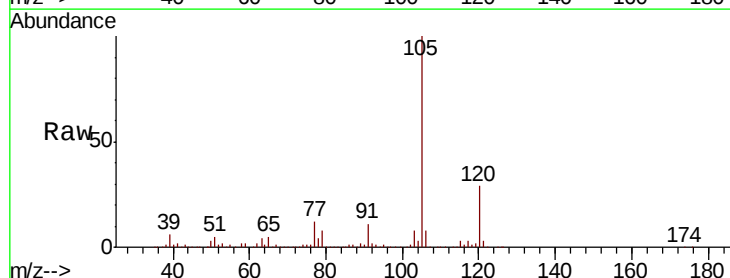
Acq: 13 Apr 2019 05:08

Tgt Ion: 91 Resp: 12647

Ion Ratio Lower Upper

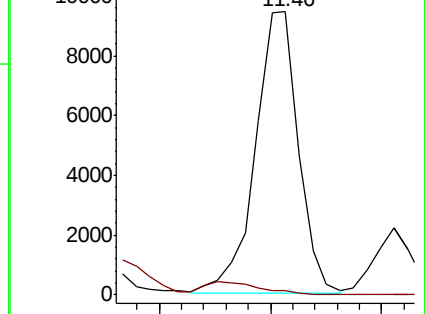
91 100

126 0.0 16.1 48.3#

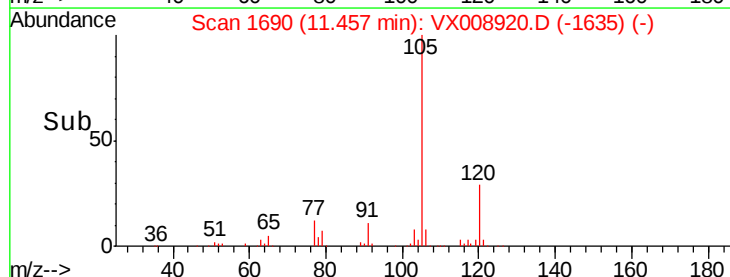


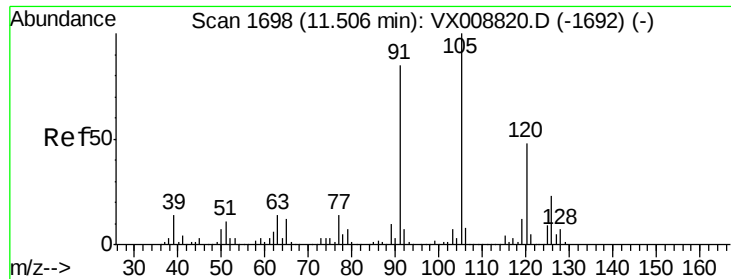
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->

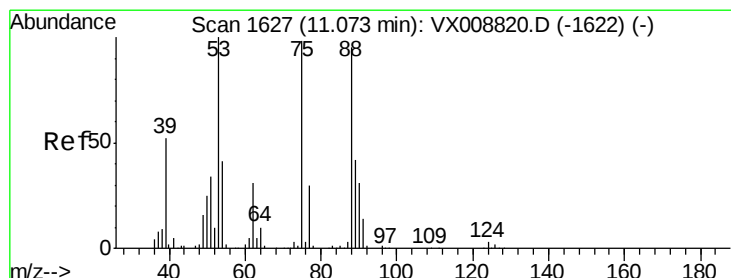
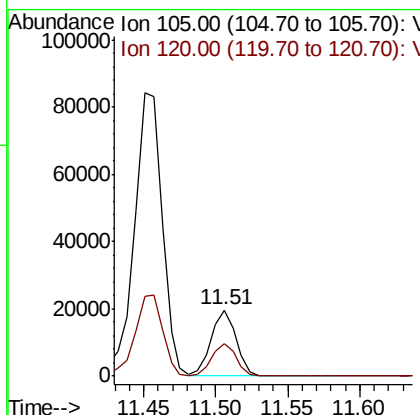
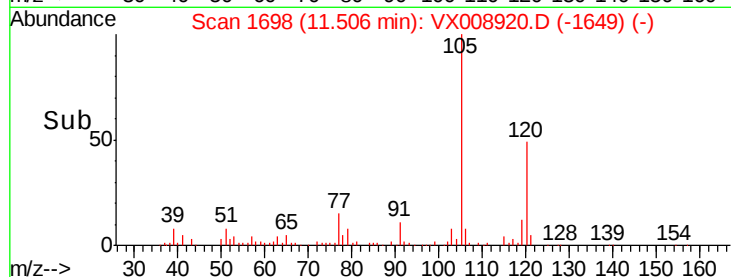
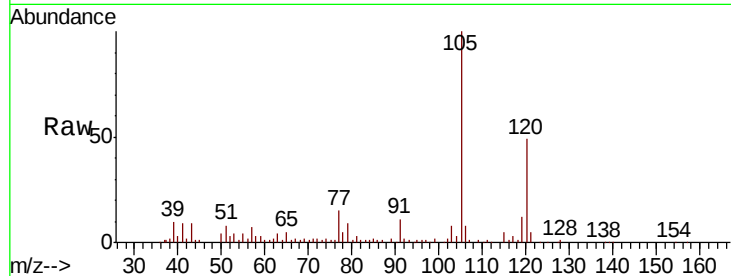




#80
 1,3,5-Trimethylbenzene
 Concen: 2.709 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008920.D
 Acq: 13 Apr 2019 05:08

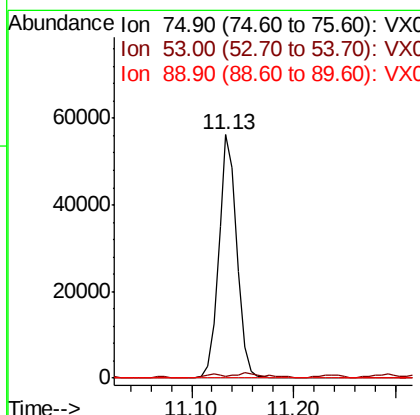
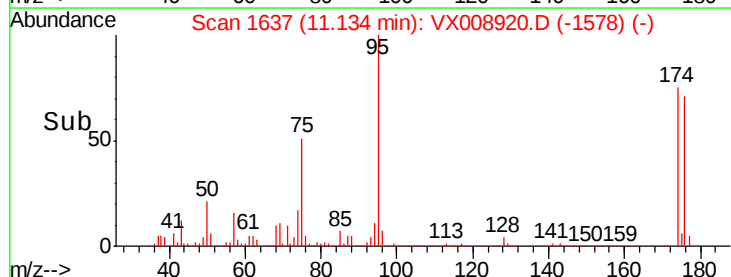
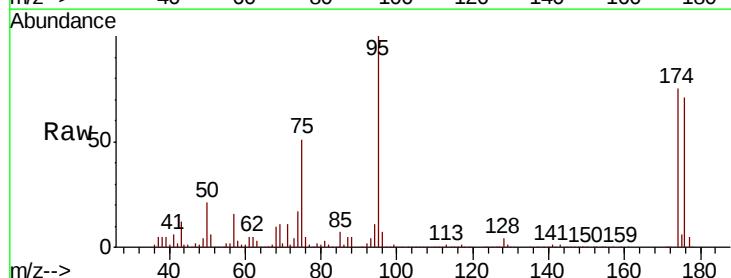
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703

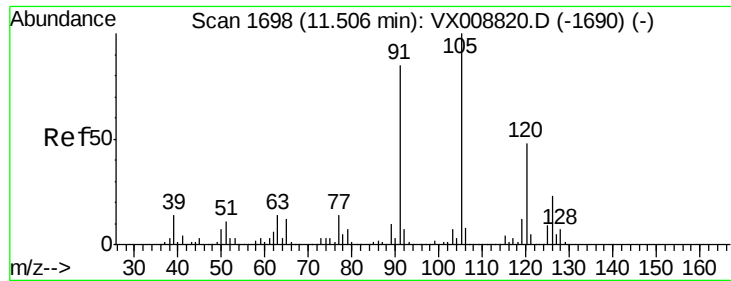
Tot Ion:105 Resp: 24156
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.454 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008920.D
 Acq: 13 Apr 2019 05:08

Tgt Ion: 75 Resp: 69573
 Ion Ratio Lower Upper
 75 100
 53 1.5 81.3 121.9#
 89 0.1 35.6 53.4#

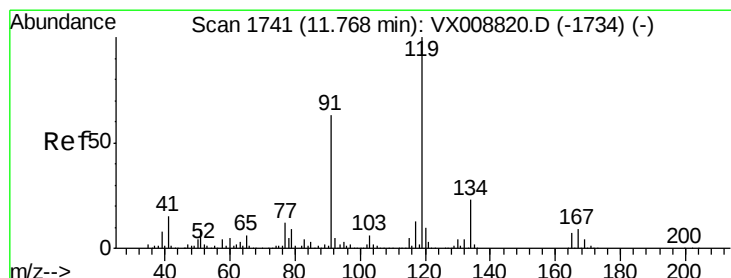
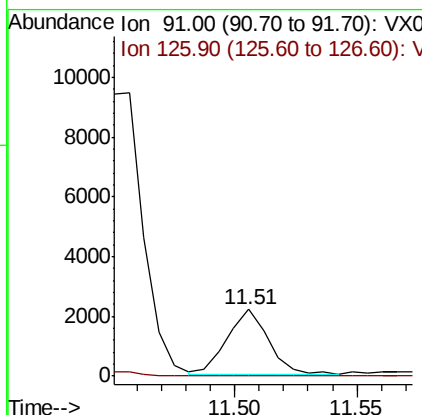
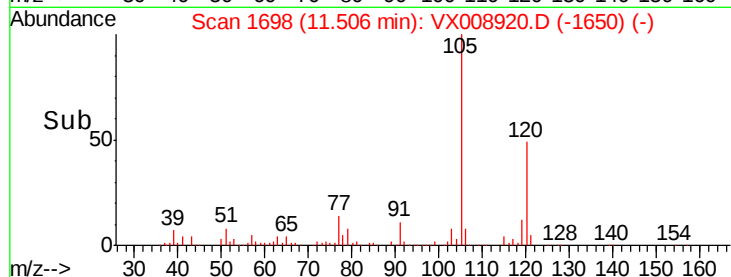
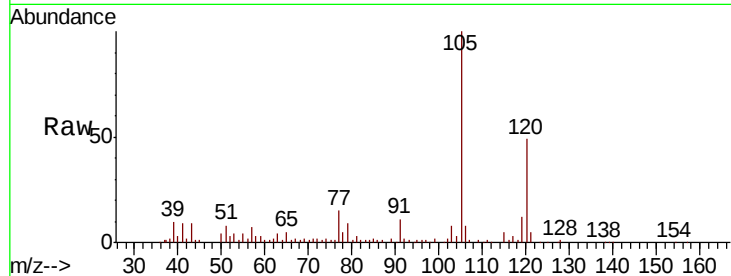




#82
4-Chlorotoluene
Concen: 0.291 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008920.D
Acq: 13 Apr 2019 05:08

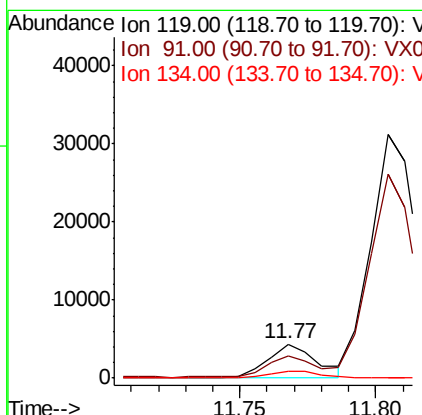
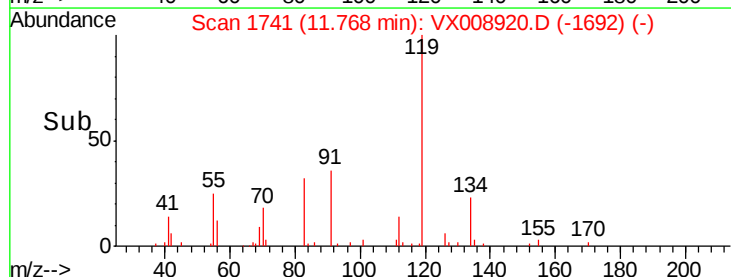
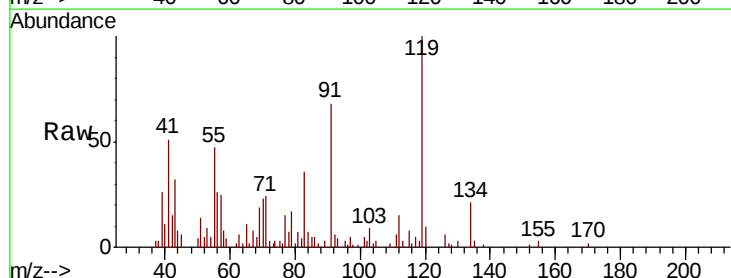
Instrument :
MSVOA_X
ClientSampled :
S8-0703

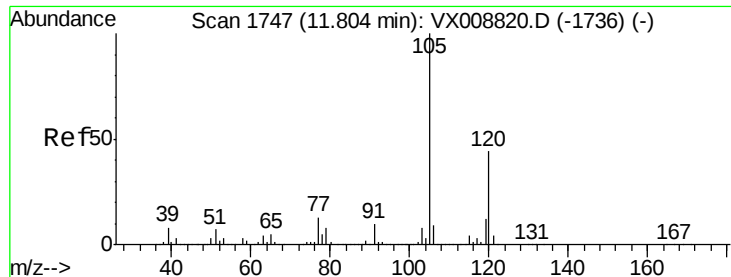
Tot Ion: 91 Resp: 2521
Ion Ratio Lower Upper
91 100
126 0.0 13.9 41.6#



#83
tert-Butylbenzene
Concen: 0.637 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008920.D
Acq: 13 Apr 2019 05:08

Tgt Ion: 119 Resp: 5466
Ion Ratio Lower Upper
119 100
91 57.6 30.0 90.1
134 20.5 11.1 33.3

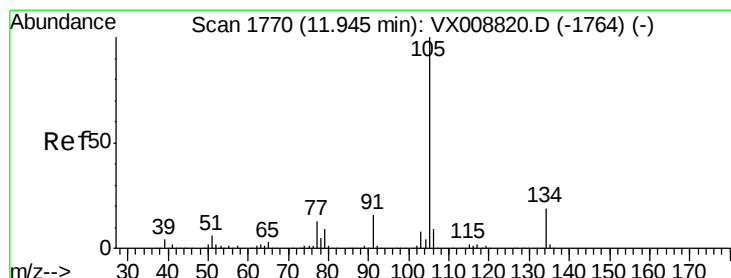
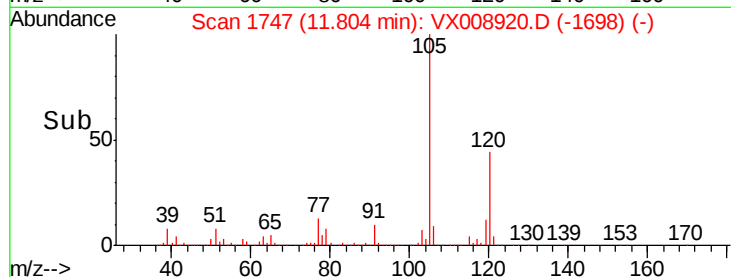
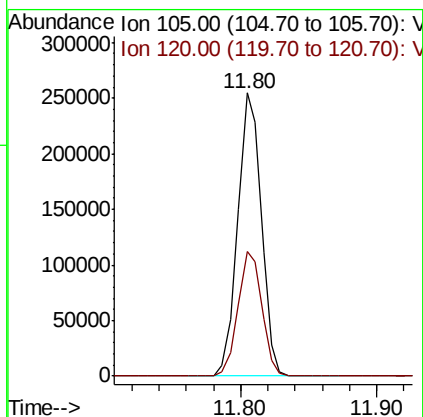
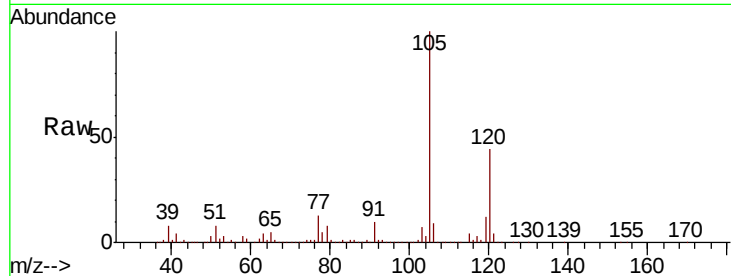




#84
 1,2,4-Trimethylbenzene
 Concen: 34.000 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008920.D
 Acq: 13 Apr 2019 05:08

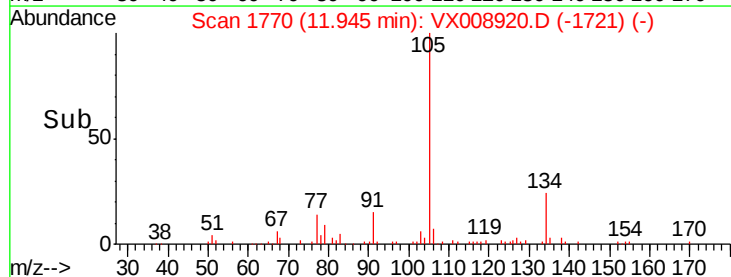
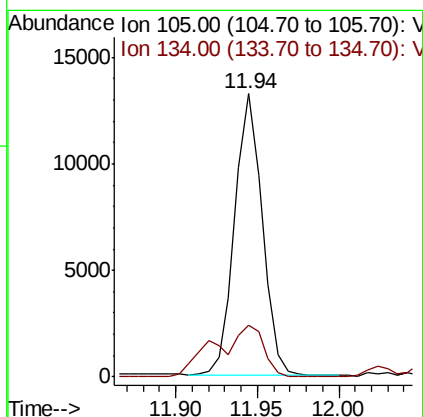
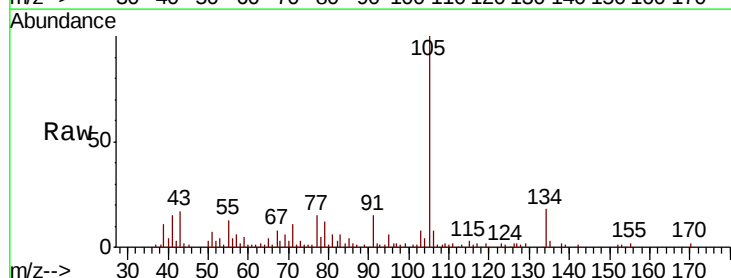
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703

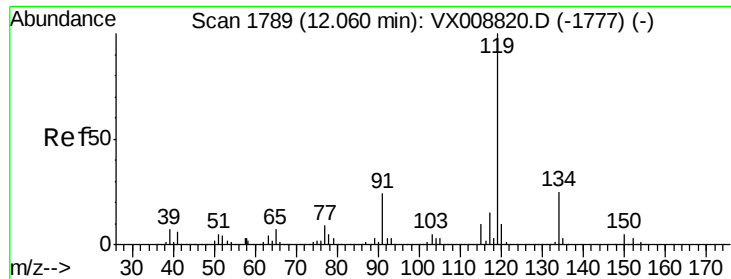
Tot Ion:105 Resp: 307042
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 1.536 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008920.D
 Acq: 13 Apr 2019 05:08

Tgt Ion:105 Resp: 15655
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.4 28.2

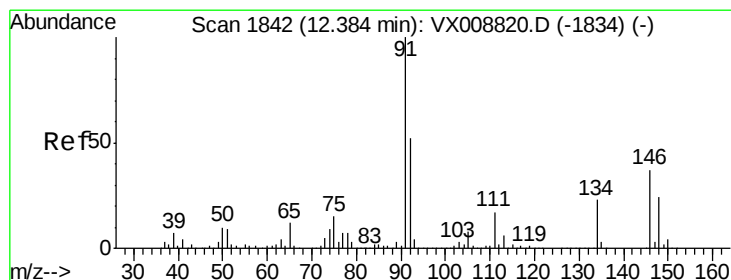
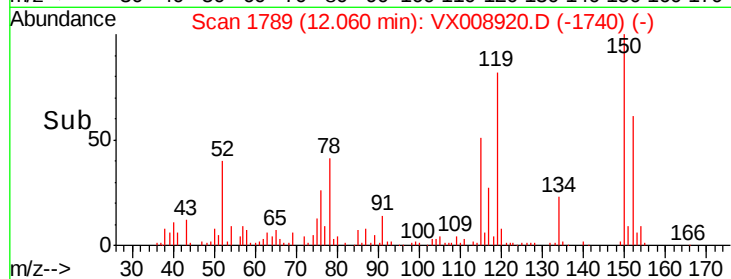
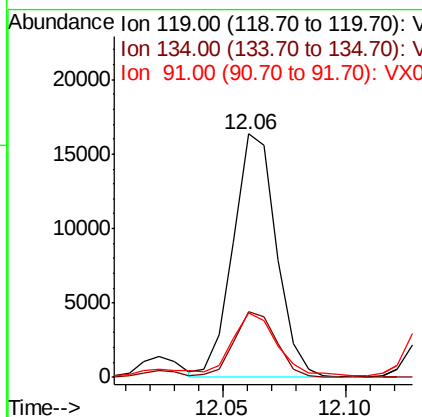
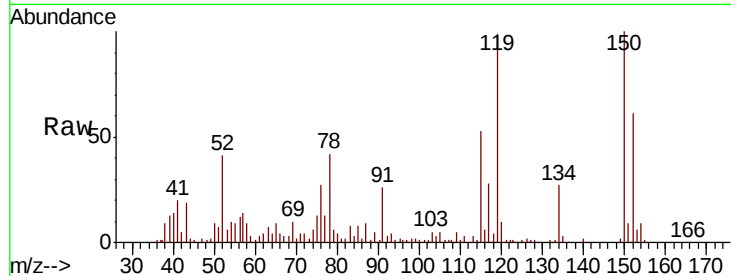




#86
p-Isopropyltoluene
Concen: 2.198 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008920.D
Acq: 13 Apr 2019 05:08

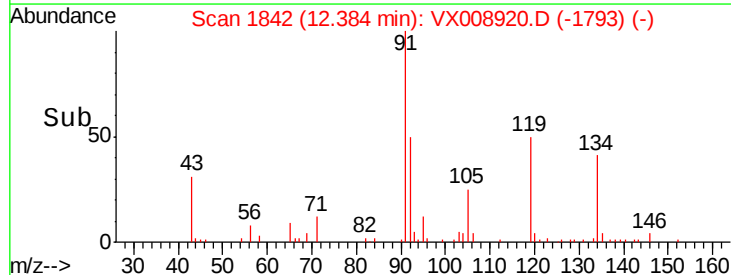
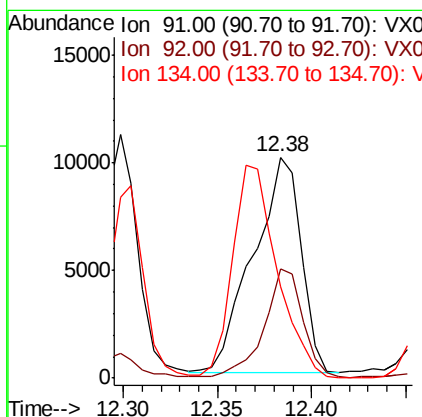
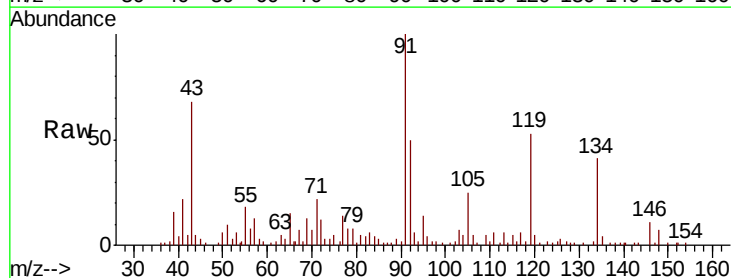
Instrument :
MSVOA_X
ClientSampleId :
S8-0703

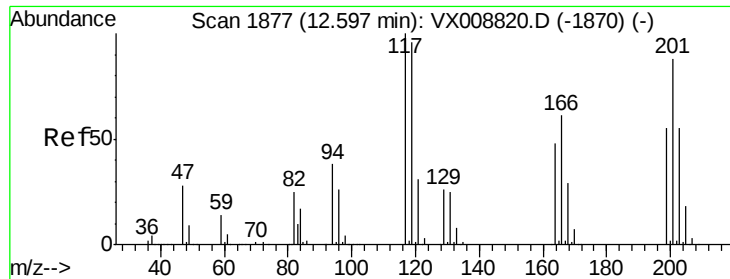
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.8	38.4
91	25.7	12.2	36.6



#89
n-Butylbenzene
Concen: 2.064 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008920.D
Acq: 13 Apr 2019 05:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	41.7	26.4	79.2
134	92.0	12.0	36.0

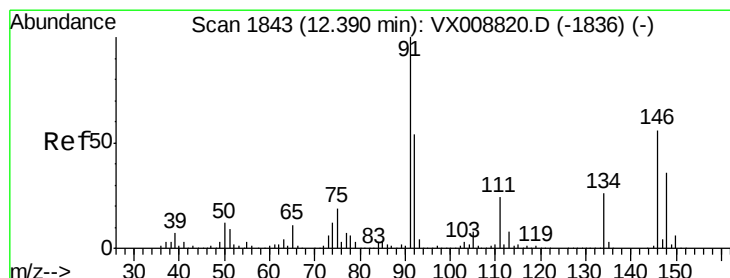
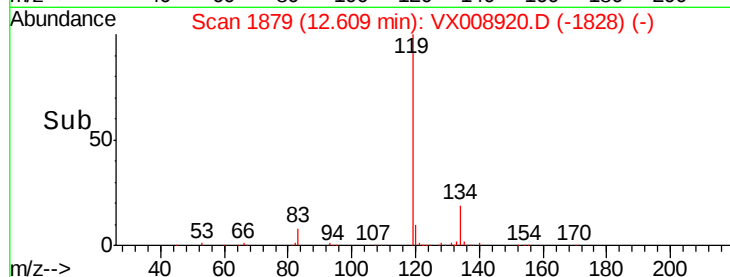
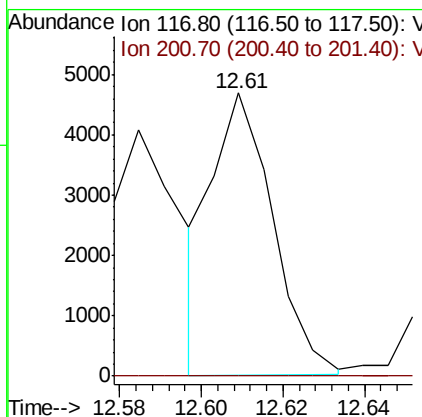
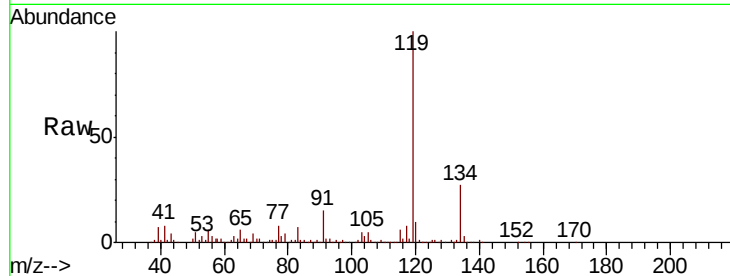




#90
 Hexachloroethane
 Concen: 3.176 ug/l
 RT: 12.61 min Scan# 1879
 Delta R.T. 0.01 min
 Lab File: VX008920.D
 Acq: 13 Apr 2019 05:08

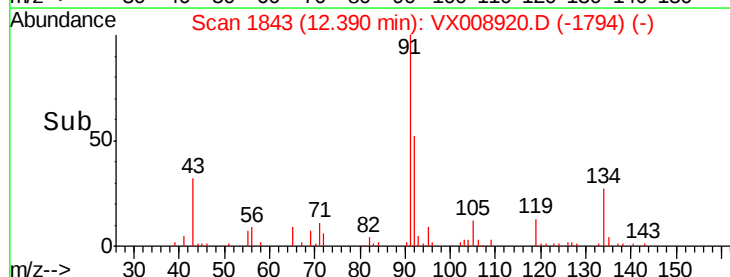
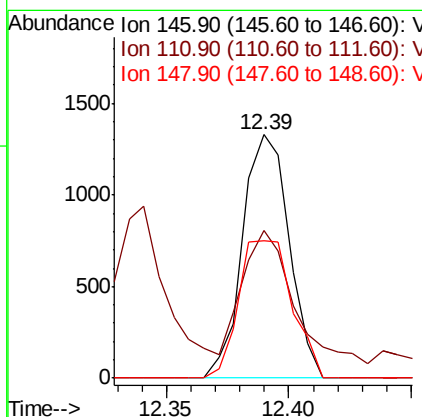
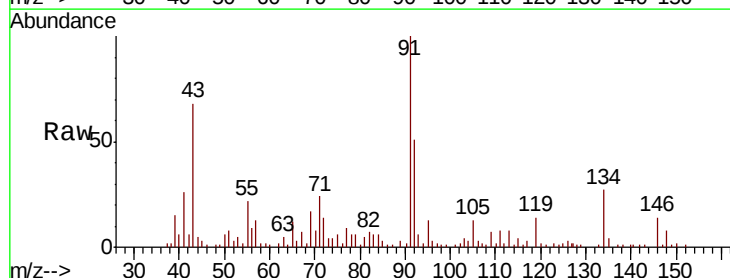
Instrument :
 MSVOA_X
 ClientSampled :
 S8-0703

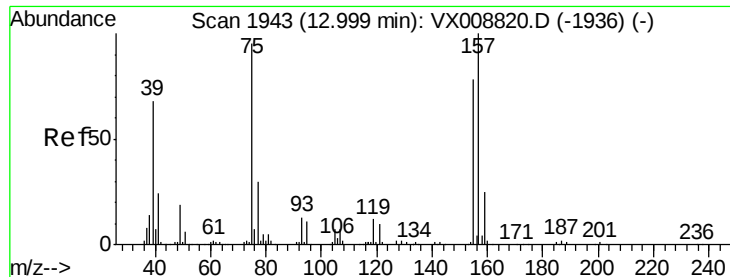
Tot Ion:117 Resp: 4818
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.6 122.0#



#91
 1,2-Dichlorobenzene
 Concen: 0.388 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008920.D
 Acq: 13 Apr 2019 05:08

Tgt Ion:146 Resp: 1761
 Ion Ratio Lower Upper
 146 100
 111 59.7 21.3 63.9
 148 65.2 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.777 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

S8-0703

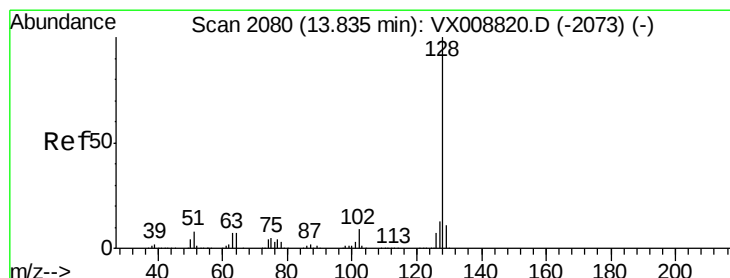
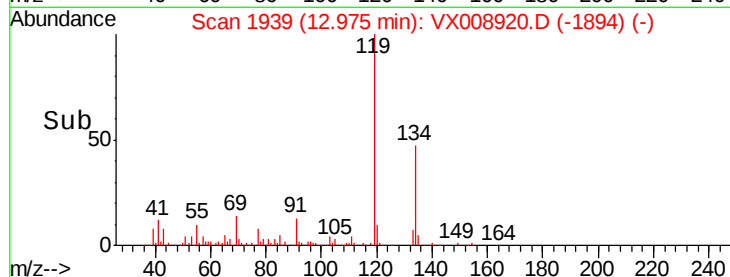
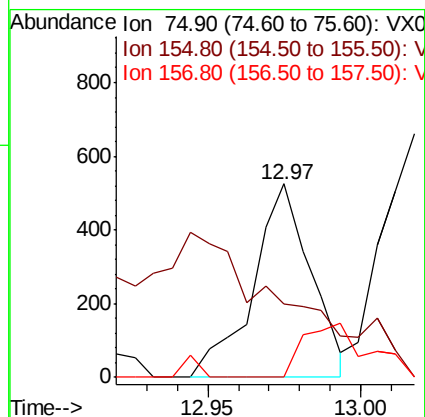
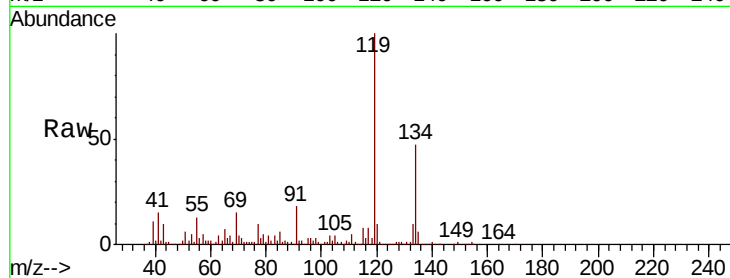
Tot Ion: 75 Resp: 691

Ion Ratio Lower Upper

75 100

155 0.0 39.9 119.6#

157 30.7 51.5 154.7#



#95

Naphthalene

Concen: 9.850 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008920.D

Acq: 13 Apr 2019 05:08

Tgt Ion: 128 Resp: 103917

Ion Ratio Lower Upper

128 100

127 14.0 10.4 15.6

129 12.0 8.6 13.0

