

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040519\
 Data File : VX008691.D
 Acq On : 05 Apr 2019 18:56
 Operator : JC/SP
 Sample : K2275-05DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0711DL

Quant Time: Apr 06 01:26:18 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	205843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344186	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	299706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131176	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	141882	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	
35) Dibromofluoromethane	5.50	113	103232	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	
50) Toluene-d8	8.71	98	434057	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.13	95	149003	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	465	Below Cal		90
4) Vinyl Chloride	1.40	62	13160	4.109	ug/l	100
5) Bromomethane	1.64	94	341	2.093	ug/l	95
6) Chloroethane	1.71	64	878	Below Cal	#	43
10) Methyl Iodide	2.51	142	82	4.039	ug/l #	42
11) Tert butyl alcohol	3.04	59	2264	3.221	ug/l #	72
13) Acrolein	2.30	56	72	0.207	ug/l #	13
14) Allyl chloride	2.84	41	5982	1.098	ug/l #	75
15) Acrylonitrile	3.18	53	591	0.317	ug/l #	35
16) Acetone	2.44	43	1643	0.950	ug/l	89
17) Carbon Disulfide	2.57	76	633	Below Cal	#	80
18) Methyl Acetate	2.84	43	15663	3.735	ug/l #	56
20) Methylene Chloride	2.86	84	646	0.223	ug/l #	67
21) trans-1,2-Dichloroethene	3.17	96	4549	1.767	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	13204	4.462	ug/l	90
28) Bromochloromethane	5.04	49	20	Below Cal	#	22
31) Cyclohexane	5.57	56	48809	9.409	ug/l	98
36) 1,1-Dichloropropene	5.66	75	16557	4.401	ug/l #	51
38) Carbon Tetrachloride	5.66	117	19560	6.281	ug/l #	18
39) Methylcyclohexane	7.46	83	29262	6.296	ug/l	99
40) Benzene	6.14	78	47816	4.266	ug/l	97
44) Trichloroethene	7.21	130	5807	2.224	ug/l	93
48) Methyl methacrylate	7.73	41	2032	0.511	ug/l #	48
49) 1,4-Dioxane	7.55	88	18	0.241	ug/l #	19
55) 1,1,2-Trichloroethane	9.16	97	3844	1.449	ug/l #	18
56) Ethyl methacrylate	9.16	69	1249	0.260	ug/l #	45
59) 2-Hexanone	9.30	43	1663	0.423	ug/l	83
67) Ethyl Benzene	10.25	91	377087	30.440	ug/l	99
68) m/p-Xylenes	10.36	106	3472	0.779	ug/l #	1
73) Isopropylbenzene	11.02	105	68467	6.298	ug/l	100
74) N-amyl acetate	10.94	43	3064	0.479	ug/l #	46
76) 1,2,3-Trichloropropane	11.13	75	75289	20.893	ug/l #	34
78) n-propylbenzene	11.36	91	49283	3.893	ug/l	100
79) 2-Chlorotoluene	11.36	91	49283	6.434	ug/l #	42

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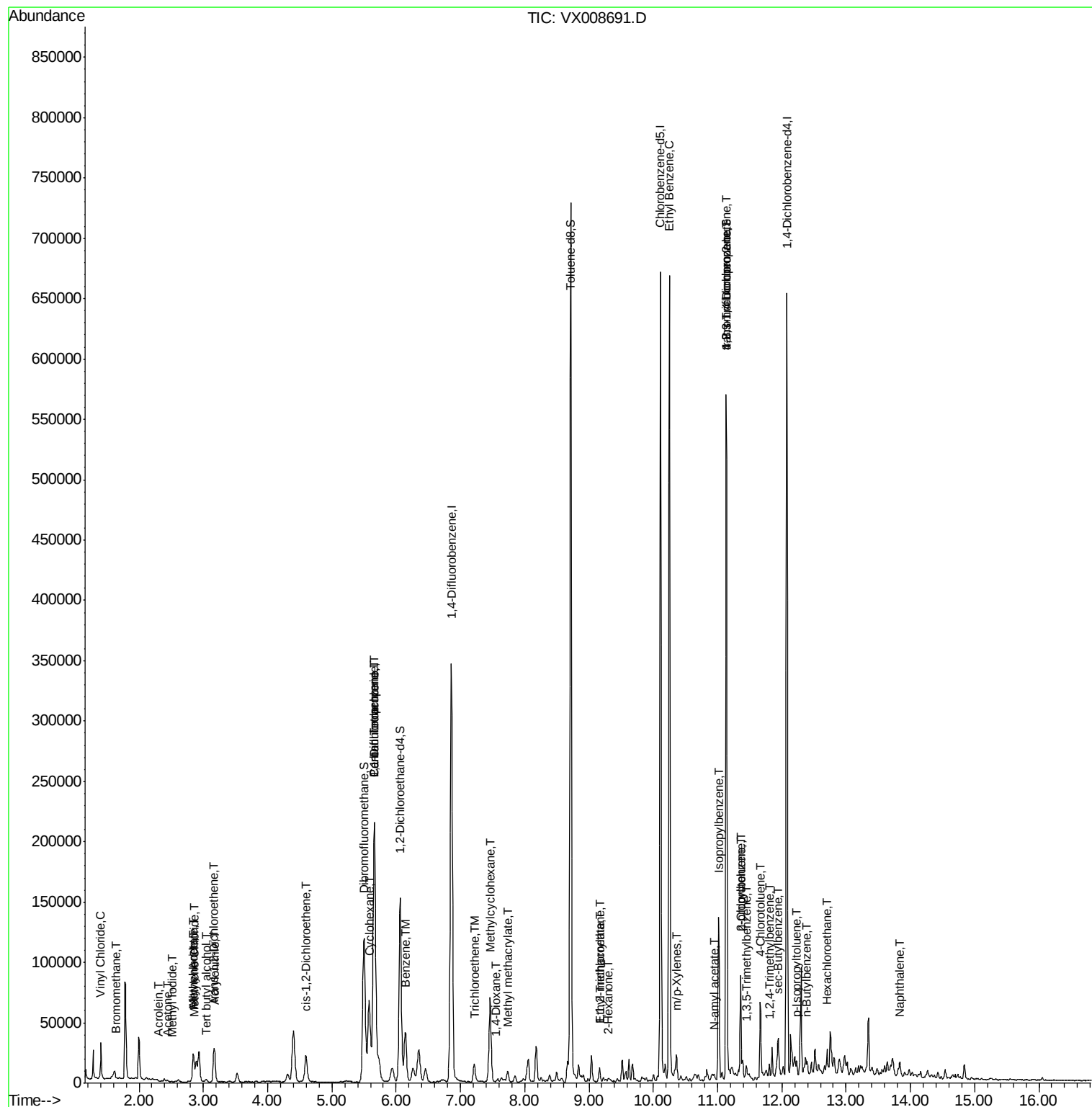
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.45	105	3140	0.344	uq/l	74
81) trans-1,4-Dichloro-2-buten	11.13	75	75289	57.593	uq/l #	10
82) 4-Chlorotoluene	11.66	91	3793	0.428	uq/l #	47
84) 1,2,4-Trimethylbenzene	11.80	105	5030	0.544	uq/l	95
85) sec-Butylbenzene	11.94	105	10313	0.989	uq/l	81
86) p-Isopropyltoluene	12.23	119	3890	0.416	uq/l	90
89) n-Butylbenzene	12.38	91	3463	0.395	uq/l #	70
90) Hexachloroethane	12.70	117	6286	4.049	uq/l #	9
95) Naphthalene	13.83	128	6530	0.605	uq/l #	78

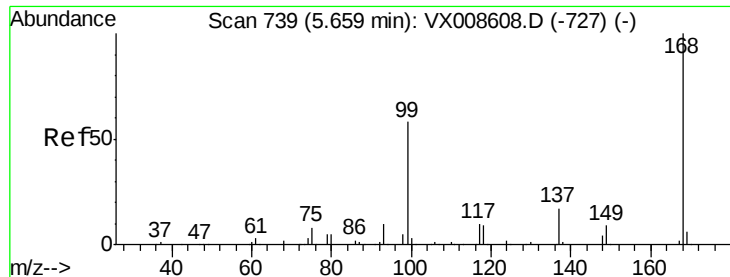
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

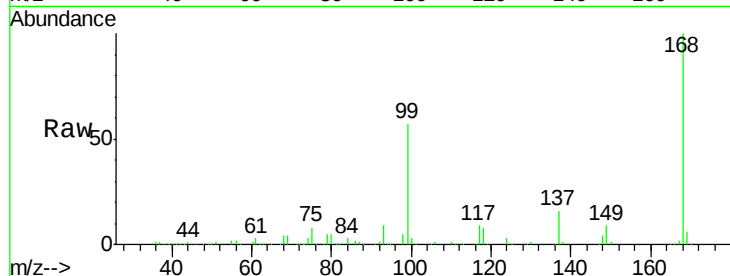
S8-0711DL

Tot Ion:168 Resp: 205843

Ion Ratio Lower Upper

168 100

99 57.4 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

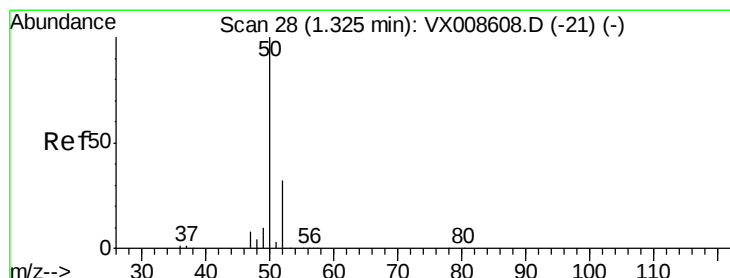
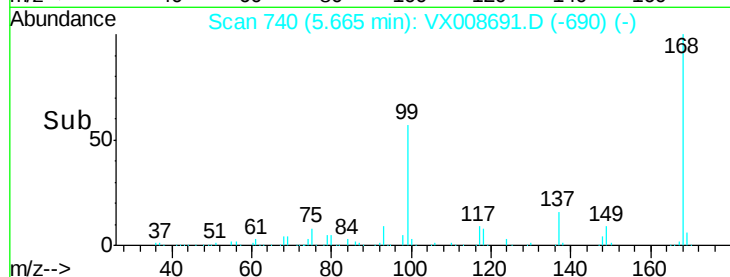
40000

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: VX008691.D

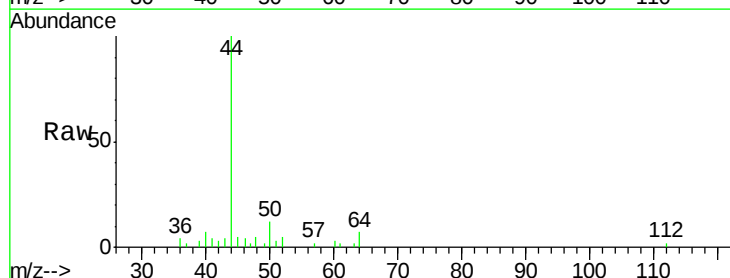
Acq: 05 Apr 2019 18:56

Tgt Ion: 50 Resp: 465

Ion Ratio Lower Upper

50 100

52 38.1 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

300

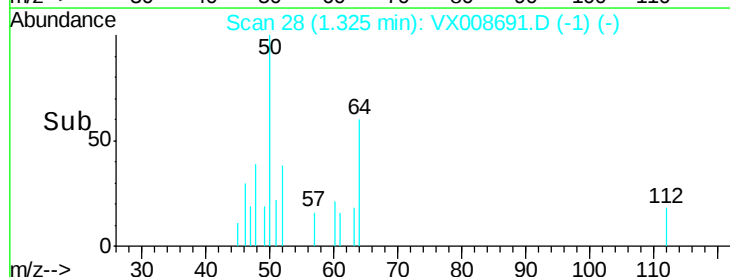
200

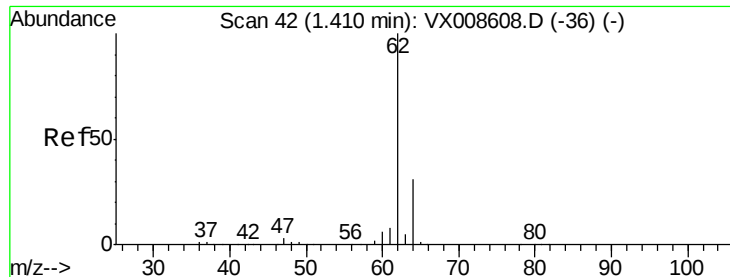
100

0

Time-->

1.25 1.30 1.35





#4

Vinyl Chloride

Concen: 4.109 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampleID :

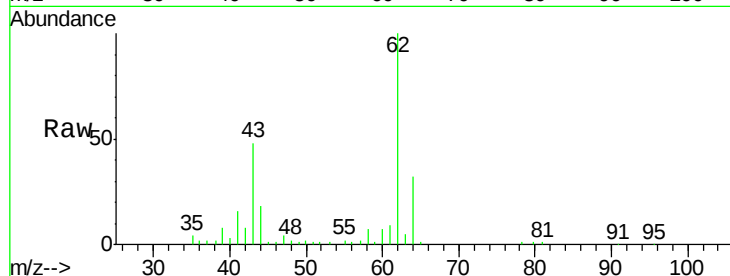
S8-0711DL

Tot Ion: 62 Resp: 13160

Ion Ratio Lower Upper

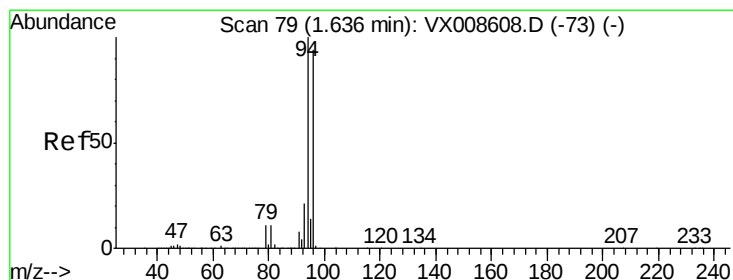
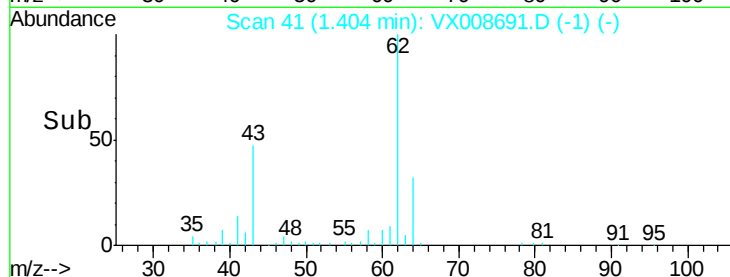
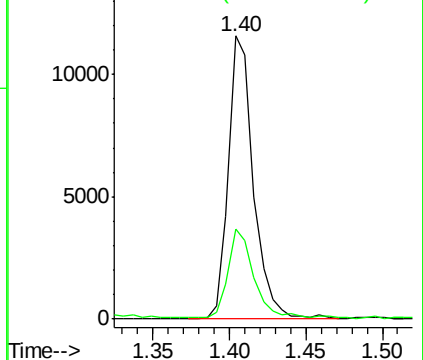
62 100

64 31.2 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: 2.093 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008691.D

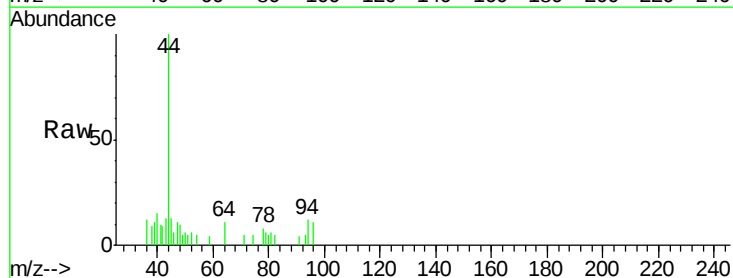
Acq: 05 Apr 2019 18:56

Tgt Ion: 94 Resp: 341

Ion Ratio Lower Upper

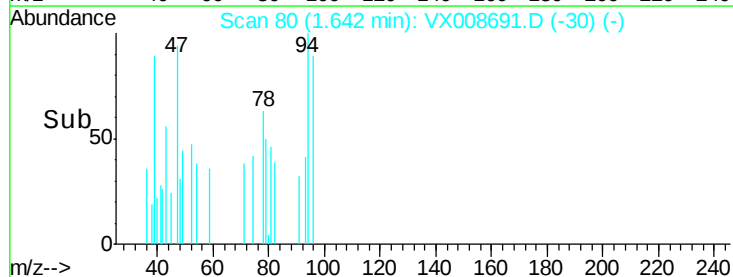
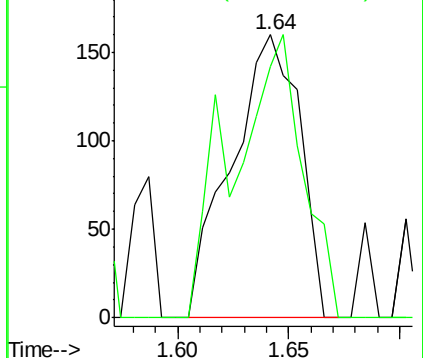
94 100

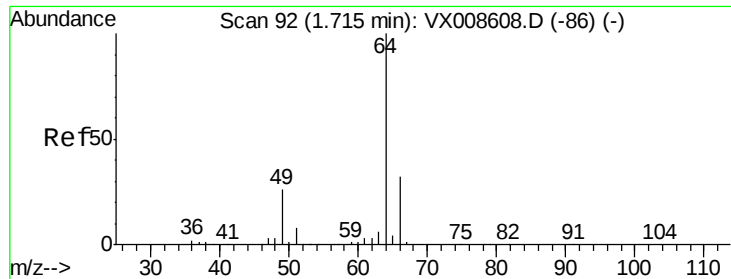
96 88.8 75.2 112.8



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: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampled :

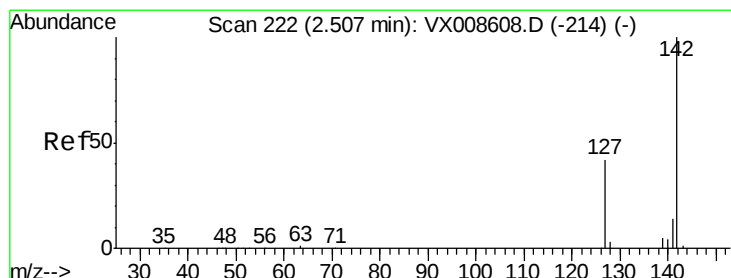
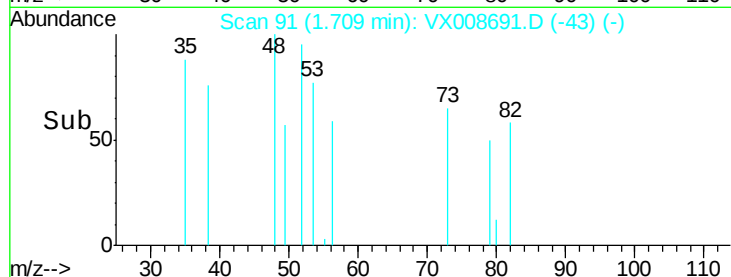
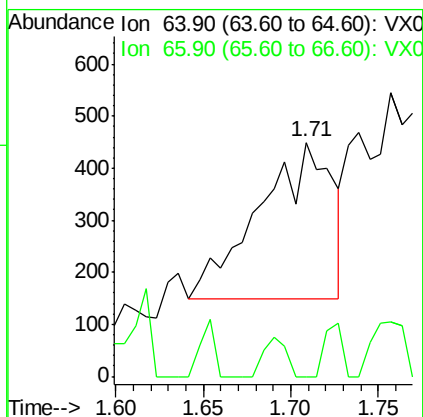
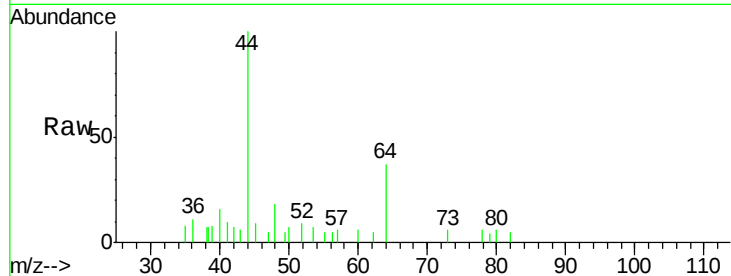
S8-0711DL

Tot Ion: 64 Resp: 878

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#



#10

Methyl Iodide

Concen: 4.039 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

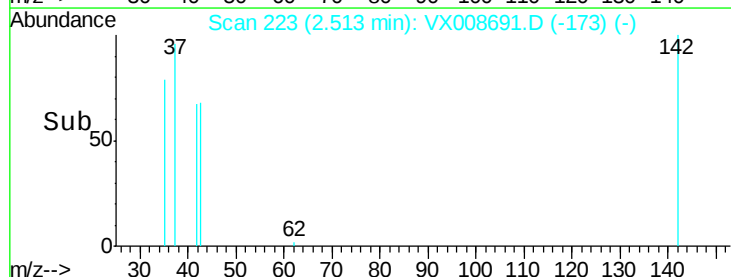
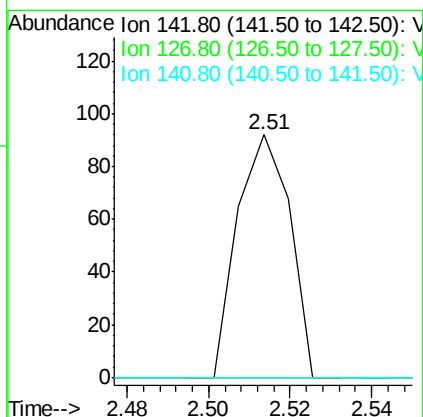
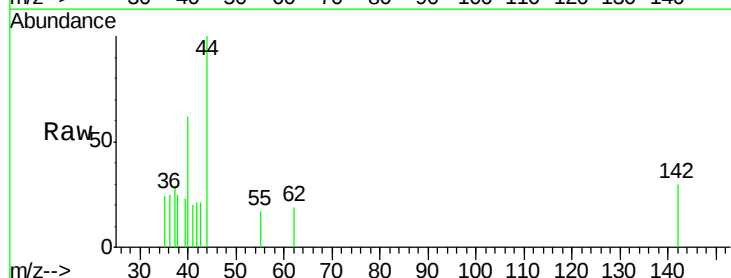
Tgt Ion: 142 Resp: 82

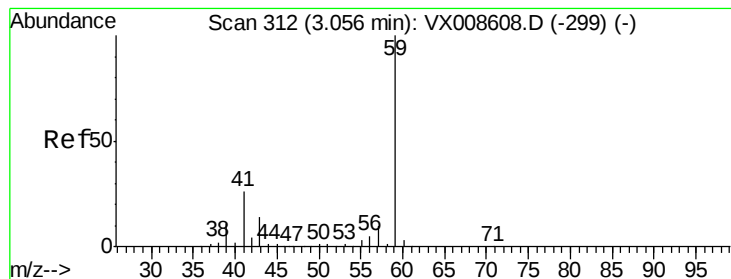
Ion Ratio Lower Upper

142 100

127 0.0 33.0 49.6#

141 0.0 11.4 17.2#



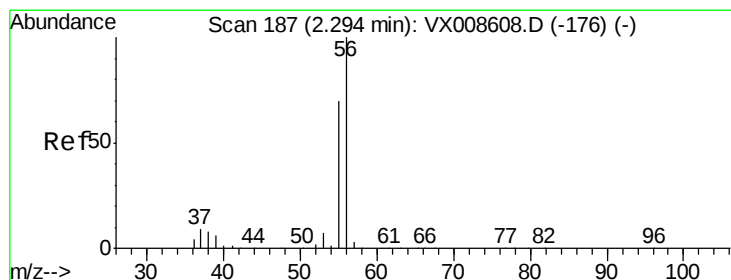
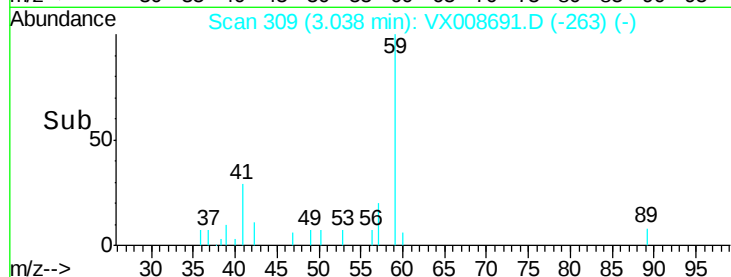
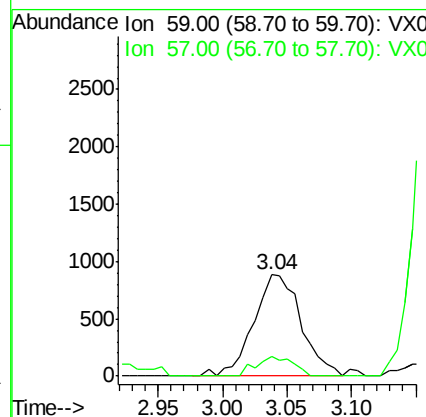
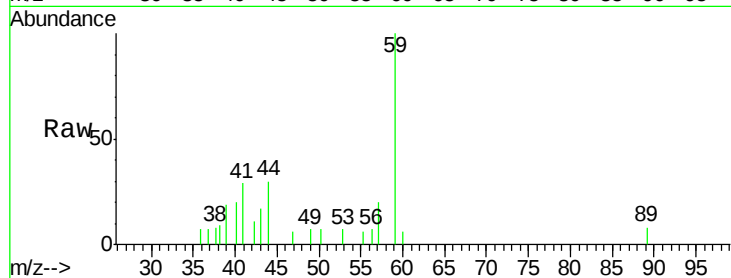


#11

Tert butyl alcohol
 Concen: 3.221 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.02 min
 Lab File: VX008691.D
 Acq: 05 Apr 2019 18:56

Instrument :
 MSVOA_X
 ClientSampled :
 S8-0711DL

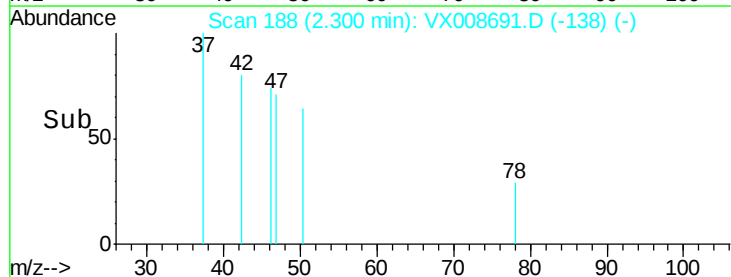
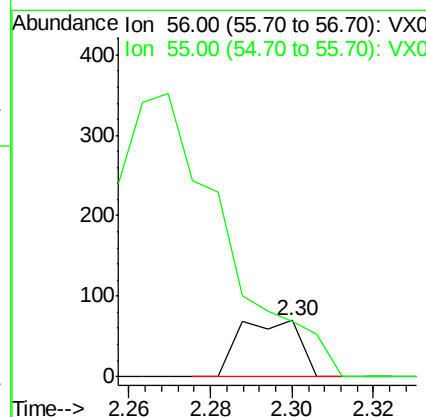
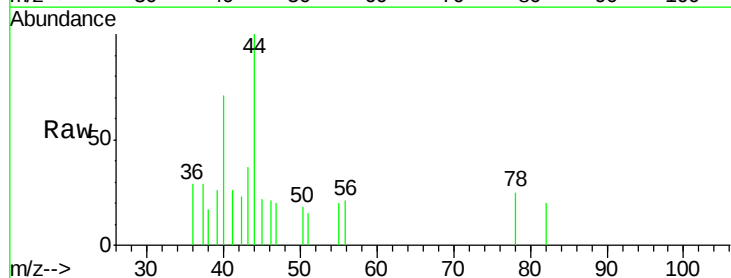
Tot Ion: 59 Resp: 2264
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

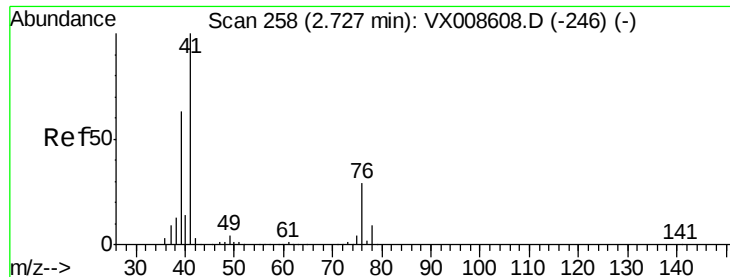


#13

Acrolein
 Concen: 0.207 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX008691.D
 Acq: 05 Apr 2019 18:56

Tgt Ion: 56 Resp: 72
 Ion Ratio Lower Upper
 56 100
 55 0.0 58.0 87.0#





#14

Allvl chloride

Concen: 1.098 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampled :

S8-0711DL

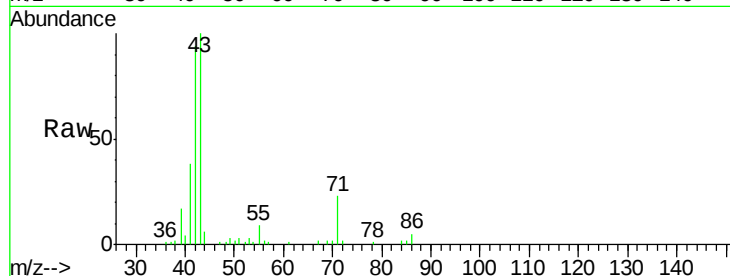
Tot Ion: 41 Resp: 5982

Ion Ratio Lower Upper

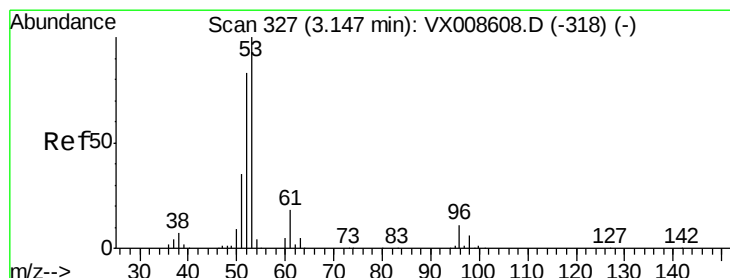
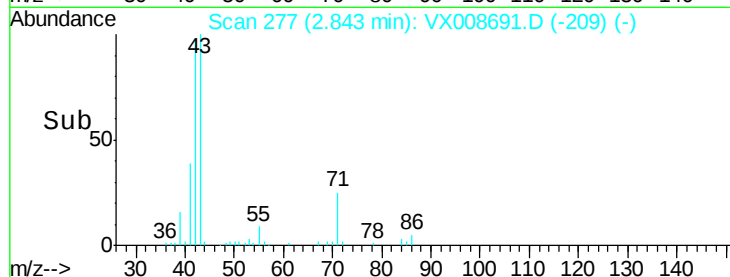
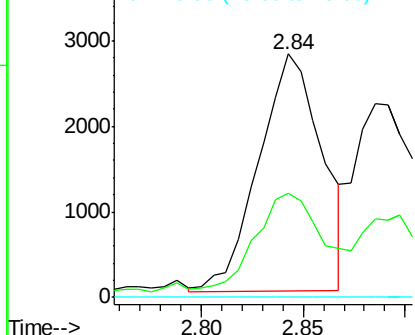
41 100

39 50.3 48.0 72.0

76 0.0 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: 0.317 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.03 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

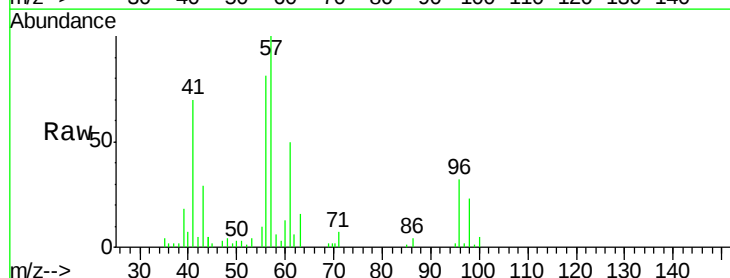
Tgt Ion: 53 Resp: 591

Ion Ratio Lower Upper

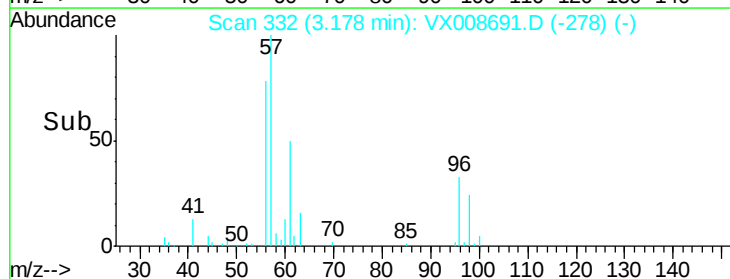
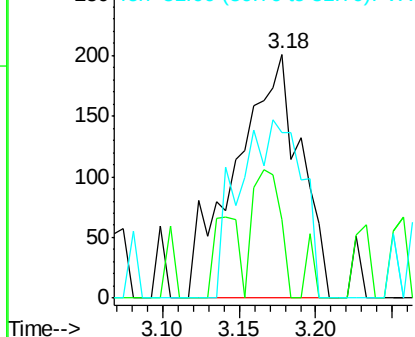
53 100

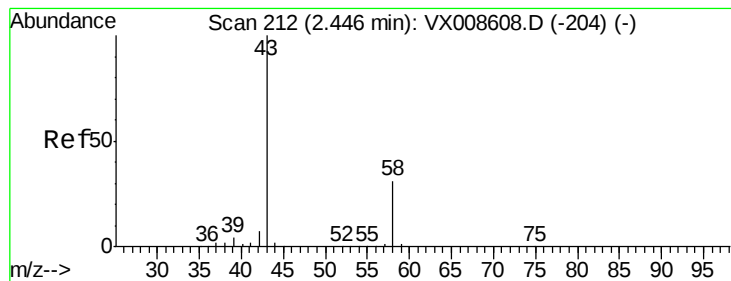
52 22.5 66.5 99.7#

51 71.1 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: 0.950 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

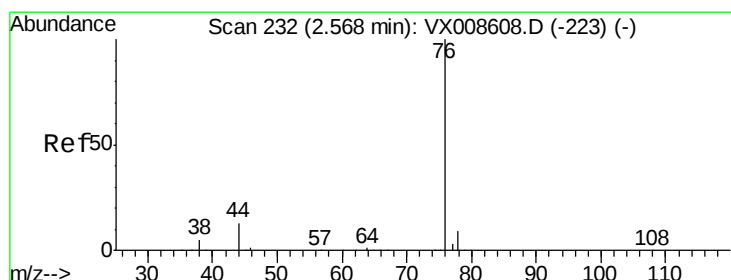
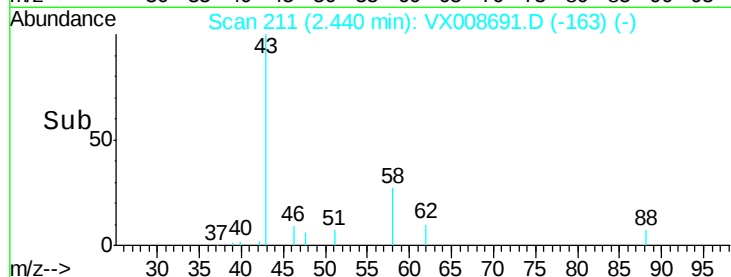
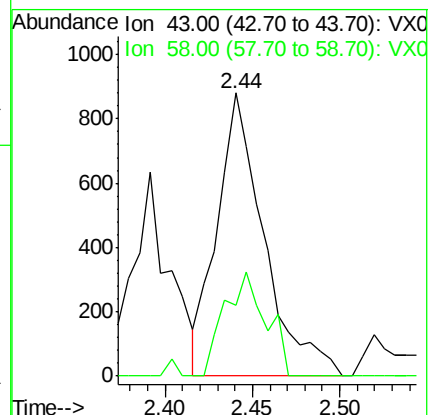
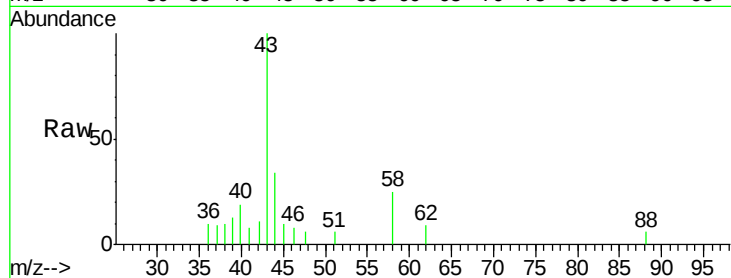
S8-0711DL

Tot Ion: 43 Resp: 1643

Ion Ratio Lower Upper

43 100

58 25.0 24.8 37.2



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008691.D

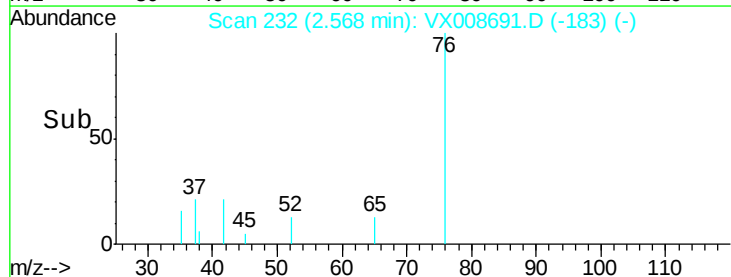
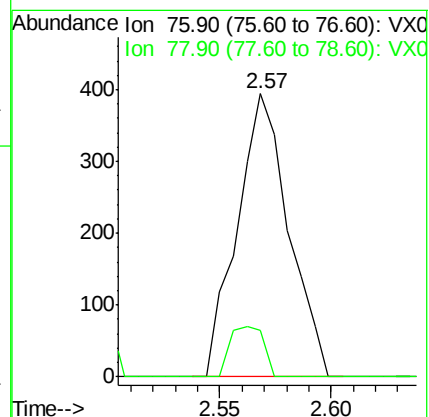
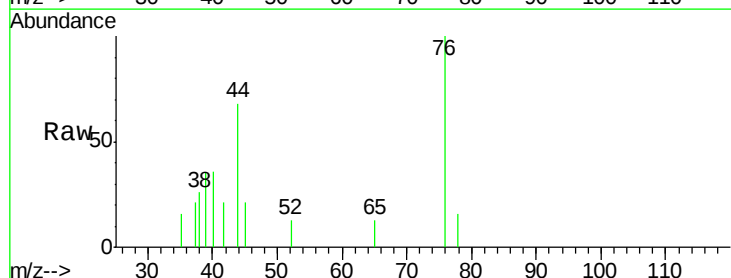
Acq: 05 Apr 2019 18:56

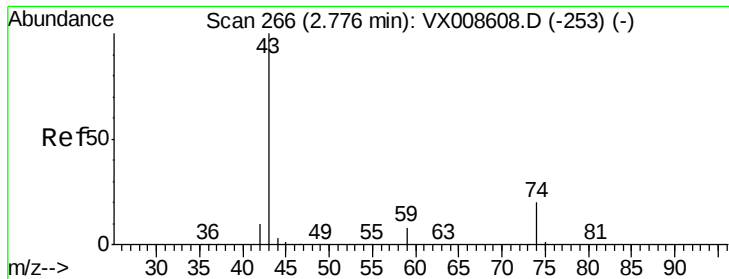
Tgt Ion: 76 Resp: 633

Ion Ratio Lower Upper

76 100

78 16.2 7.1 10.7#





#18

Methyl Acetate

Concen: 3.735 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

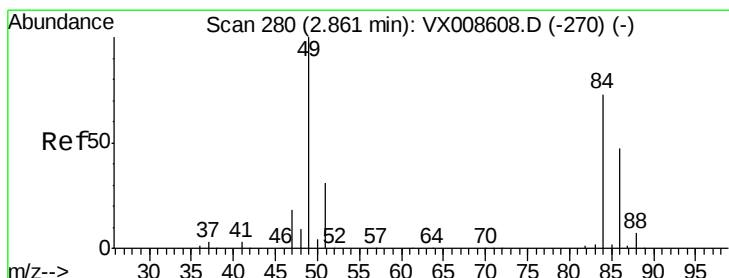
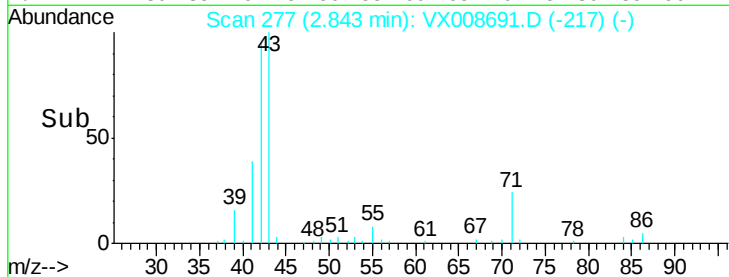
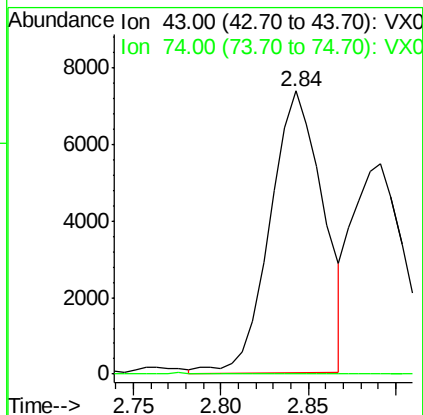
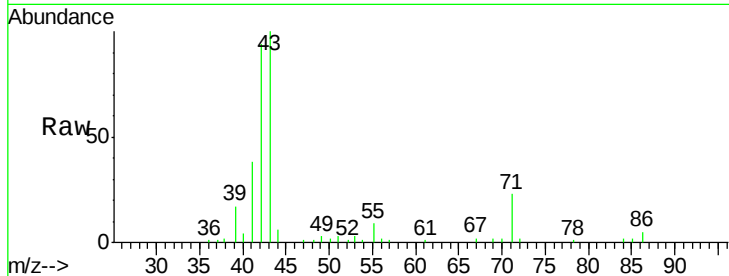
S8-0711DL

Tot Ion: 43 Resp: 15663

Ion Ratio Lower Upper

43 100

74 0.0 16.5 24.7#



#20

Methylene Chloride

Concen: 0.223 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Tgt Ion: 84 Resp: 646

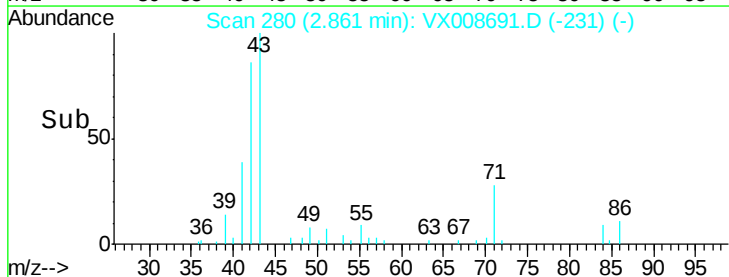
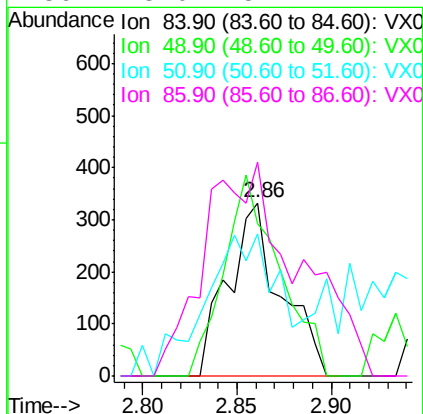
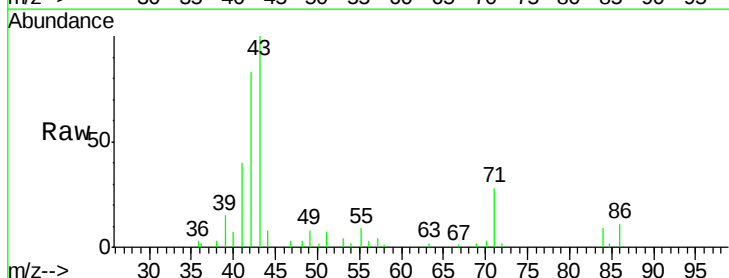
Ion Ratio Lower Upper

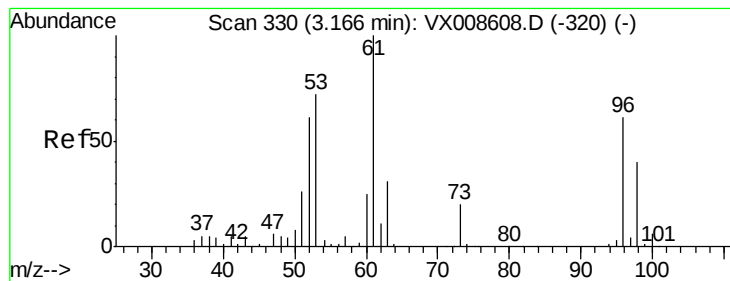
84 100

49 88.0 109.7 164.5#

51 62.0 33.6 50.4#

86 78.0 51.4 77.2#





#21

trans-1,2-Dichloroethene

Concen: 1.767 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

S8-0711DL

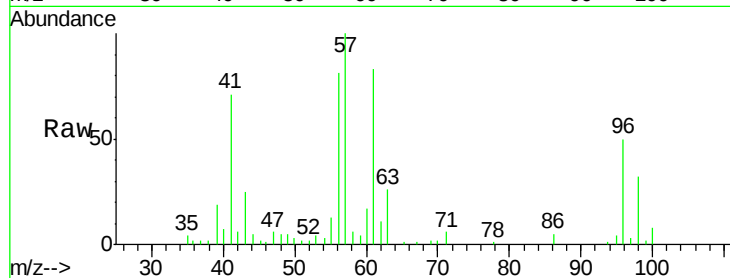
Tot Ion: 96 Resp: 4549

Ion Ratio Lower Upper

96 100

61 165.9 132.1 198.1

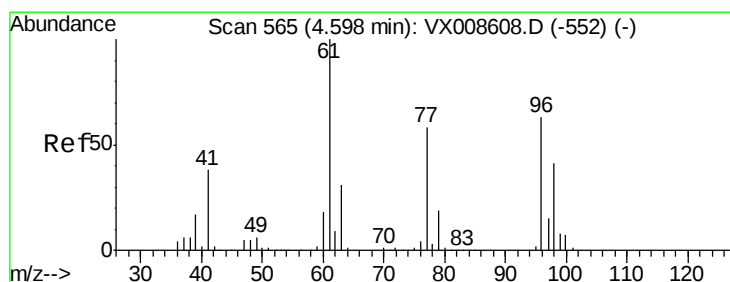
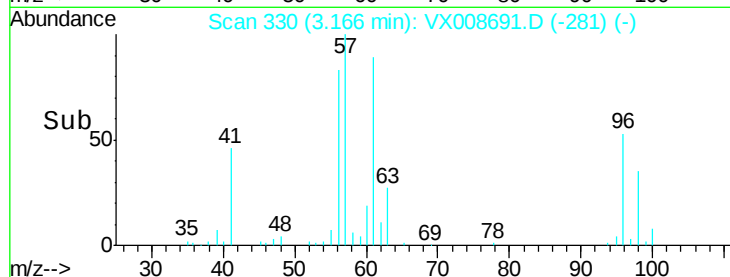
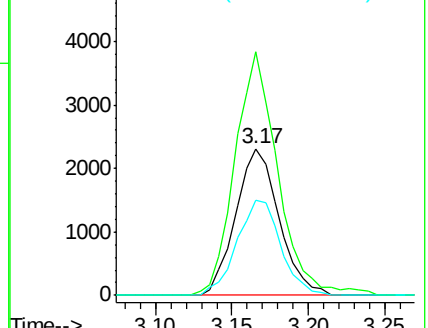
98 65.2 52.2 78.2



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



#27

cis-1,2-Dichloroethene

Concen: 4.462 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

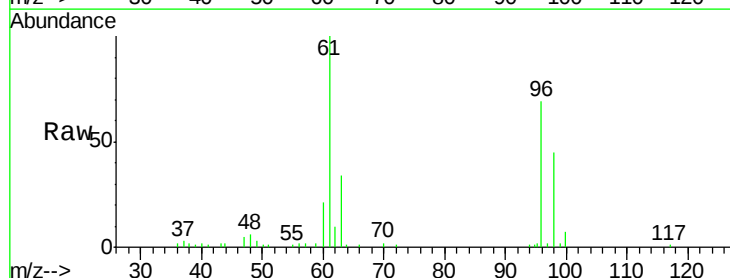
Tgt Ion: 96 Resp: 13204

Ion Ratio Lower Upper

96 100

61 146.1 0.0 327.6

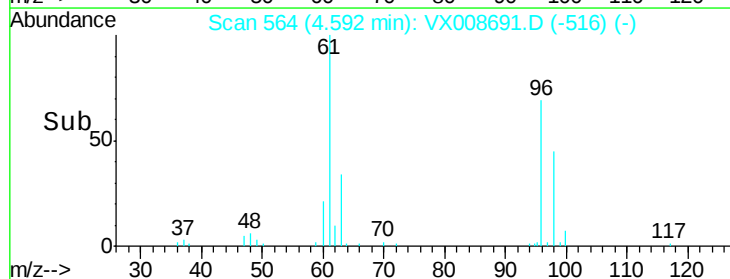
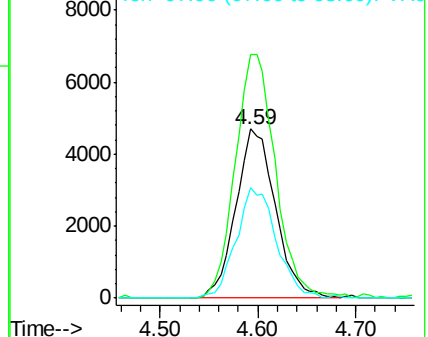
98 65.6 0.0 128.6

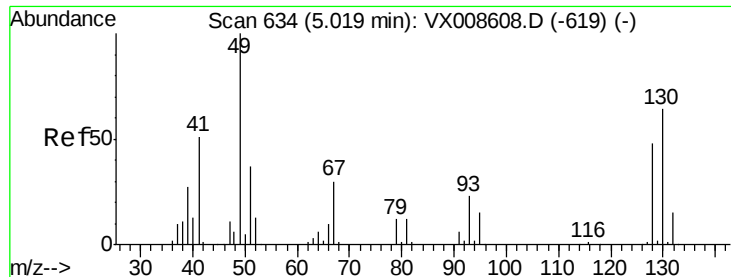


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 637

Delta R.T. 0.02 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampled :

S8-0711DL

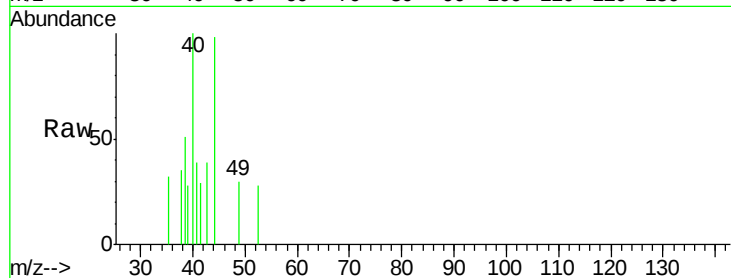
Tot Ion: 49 Resp: 20

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

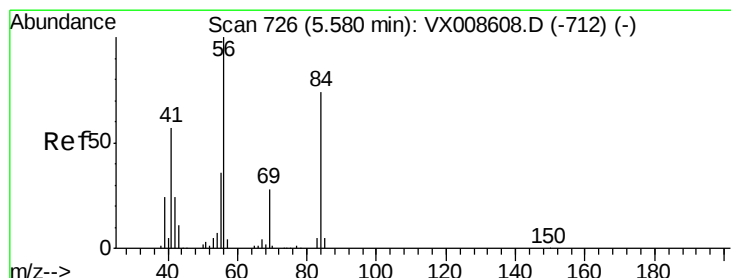
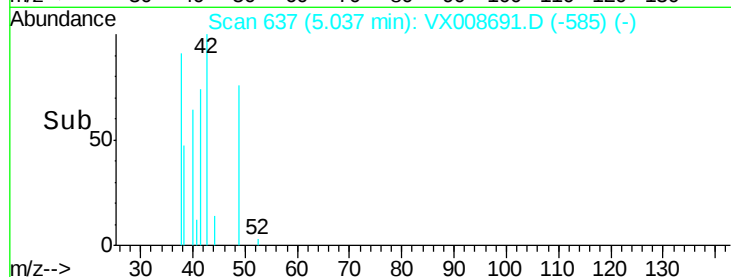
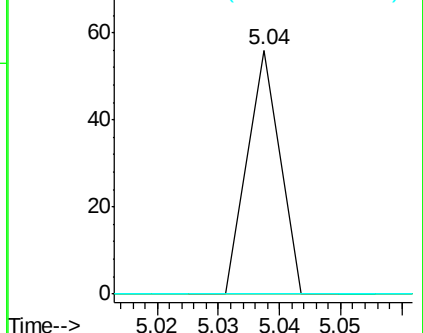
130 0.0 49.3 73.9#



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: 9.409 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

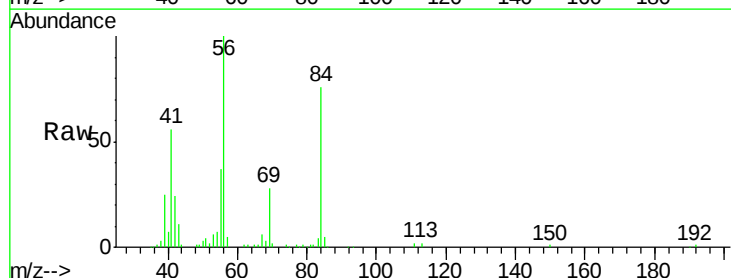
Tgt Ion: 56 Resp: 48809

Ion Ratio Lower Upper

56 100

69 27.6 22.6 33.8

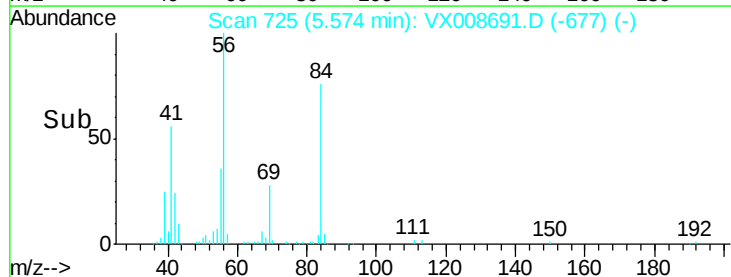
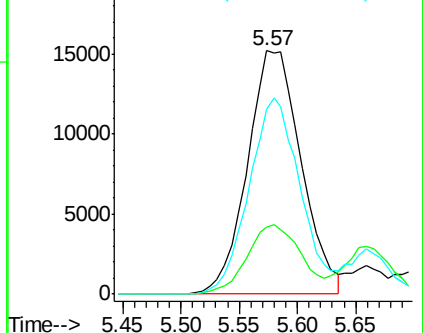
84 75.9 59.3 88.9

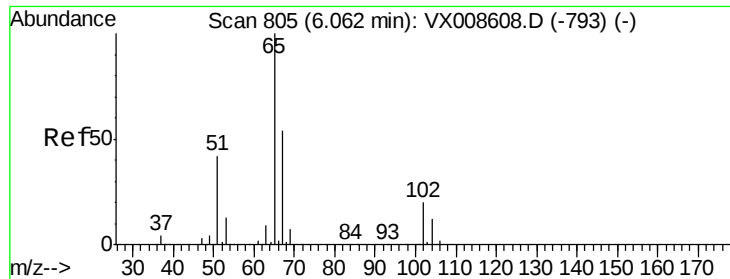


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.257 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampleID :

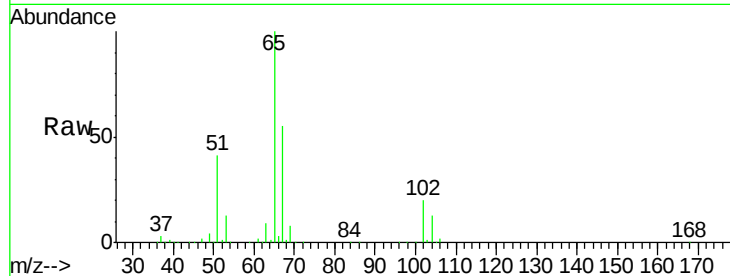
S8-0711DL

Tot Ion: 65 Resp: 141882

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

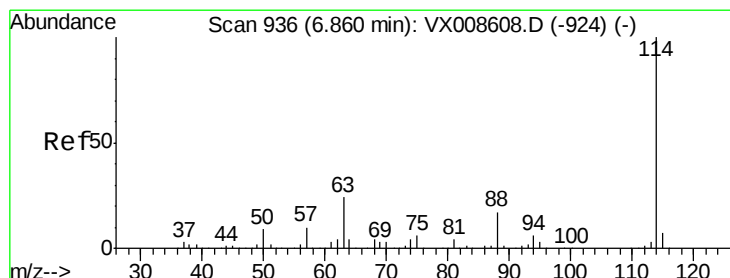
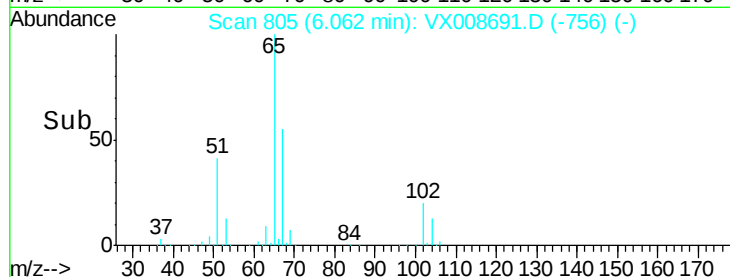
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

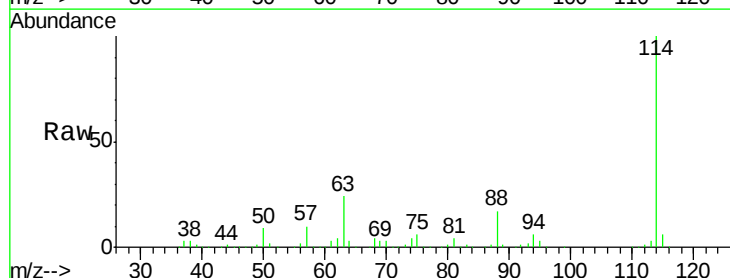
Tgt Ion:114 Resp: 344186

Ion Ratio Lower Upper

114 100

63 23.6 0.0 47.2

88 16.7 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

200000

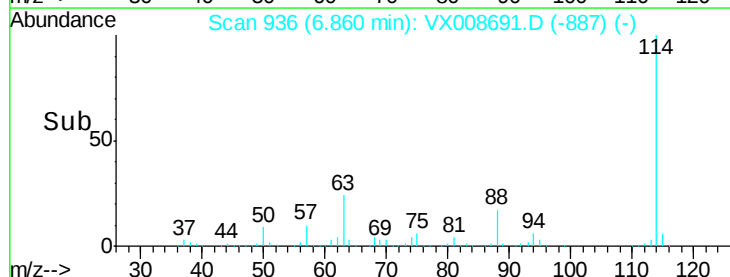
150000

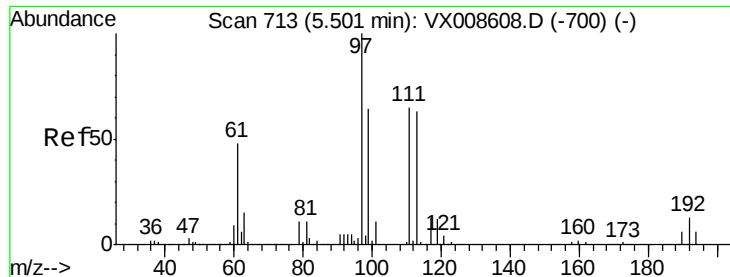
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 46.911 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

S8-0711DL

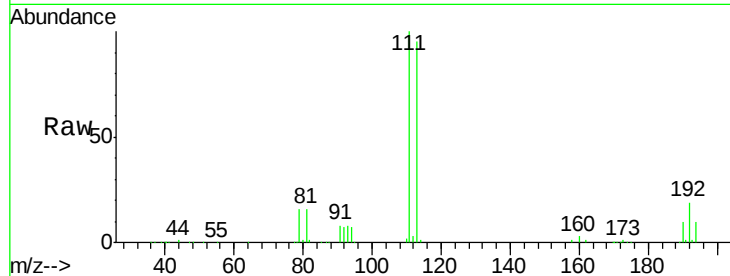
Tot Ion:113 Resp: 103232

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

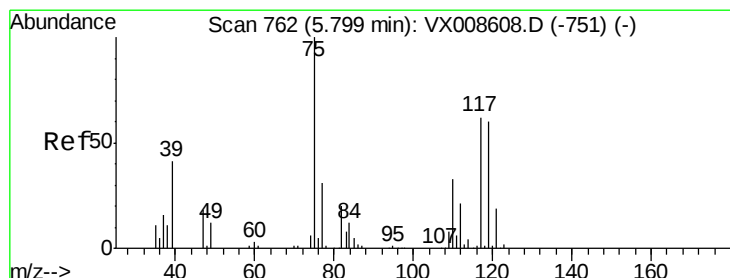
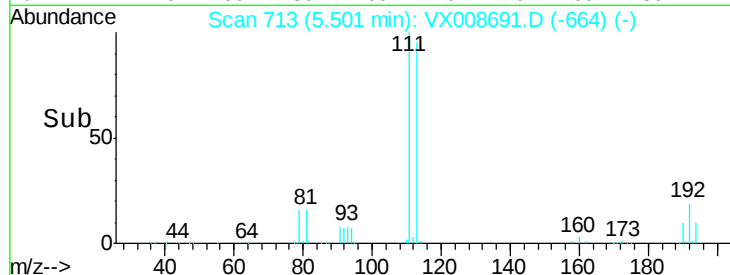
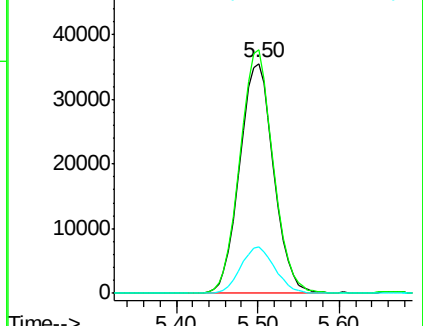
192 20.3 16.1 24.1



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: 4.401 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

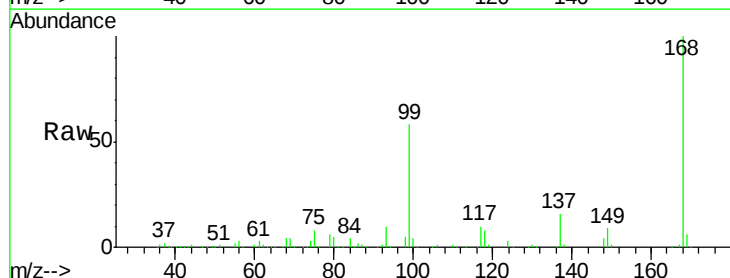
Tgt Ion: 75 Resp: 16557

Ion Ratio Lower Upper

75 100

110 9.1 16.4 49.2#

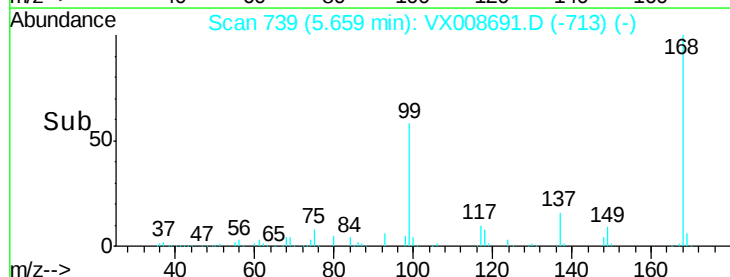
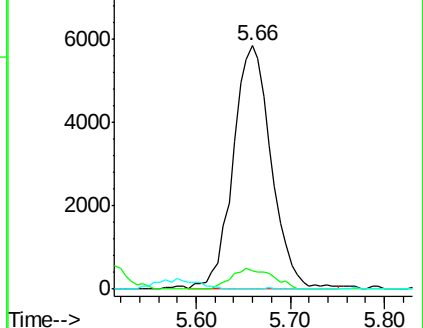
77 0.0 24.7 37.1#

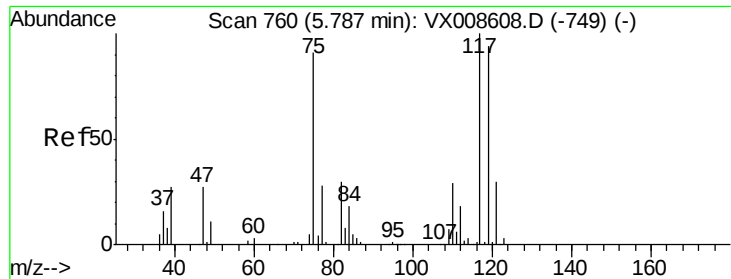


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

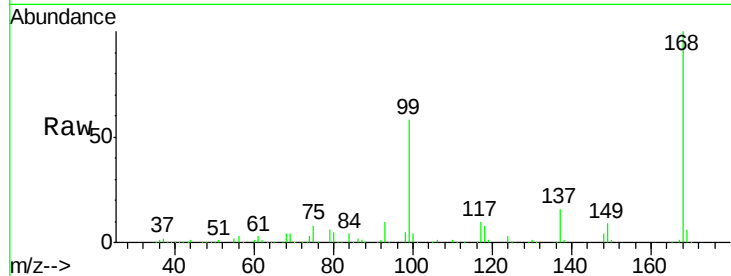




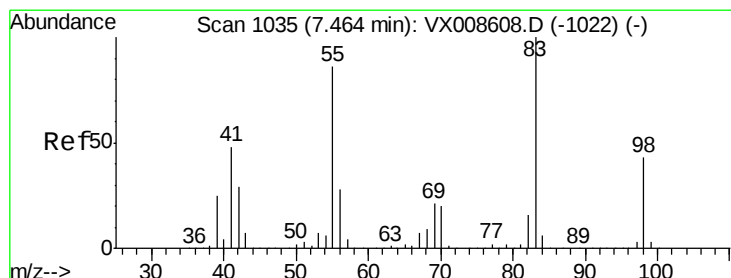
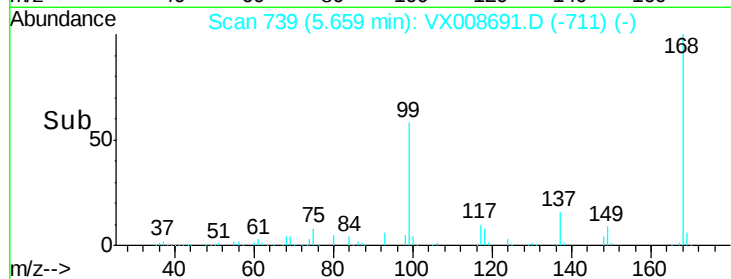
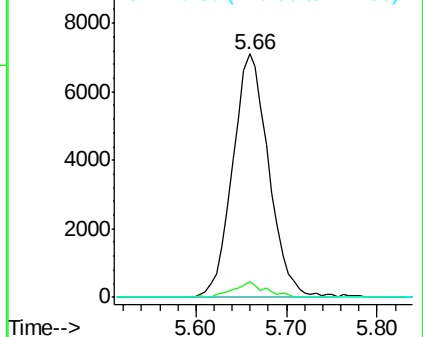
#38
Carbon Tetrachloride
Concen: 6.281 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008691.D
Acq: 05 Apr 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
S8-0711DL

Tot Ion:117 Resp: 19560
Ion Ratio Lower Upper
117 100
119 6.4 75.0 112.6#
121 0.0 24.3 36.5#

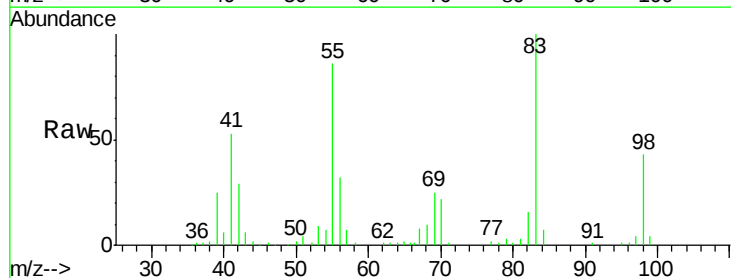


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

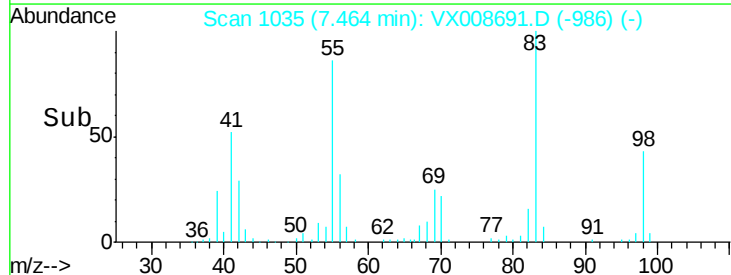
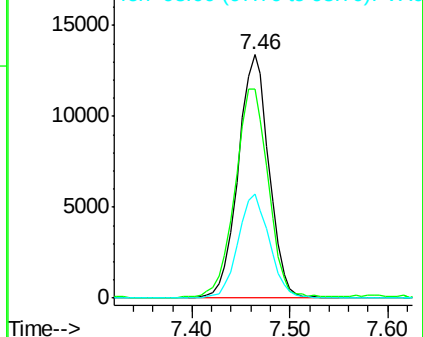


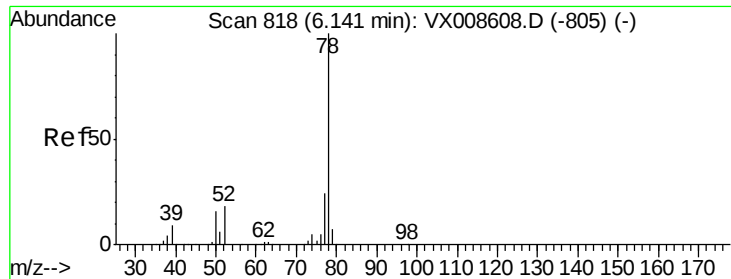
#39
Methylcyclohexane
Concen: 6.296 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008691.D
Acq: 05 Apr 2019 18:56

Tgt Ion: 83 Resp: 29262
Ion Ratio Lower Upper
83 100
55 85.7 69.0 103.6
98 42.9 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: 4.266 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

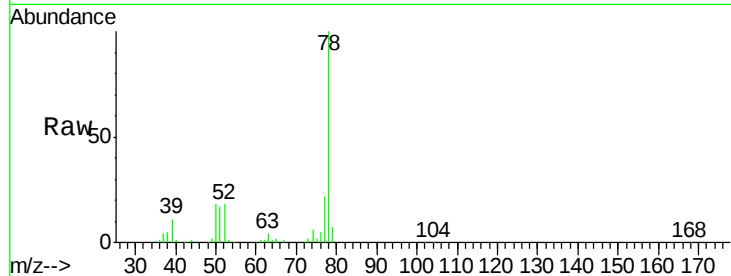
S8-0711DL

Tot Ion: 78 Resp: 47816

Ion Ratio Lower Upper

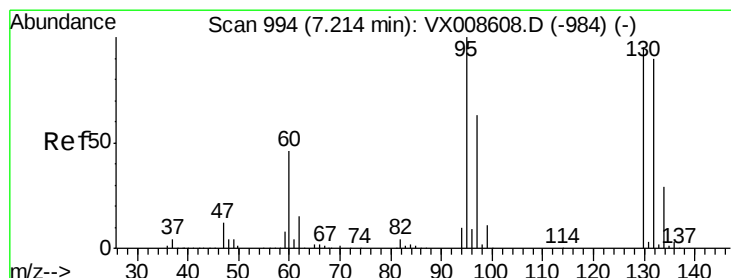
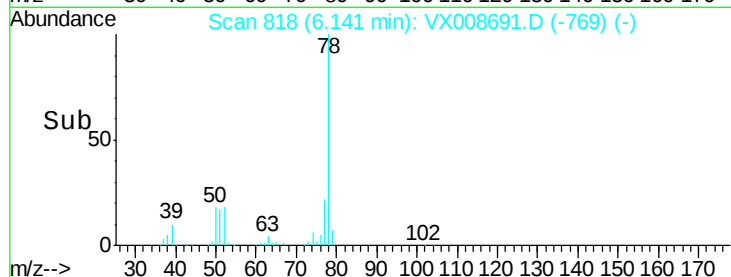
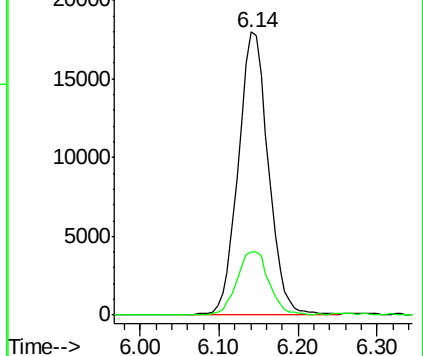
78 100

77 22.5 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#44

Trichloroethene

Concen: 2.224 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008691.D

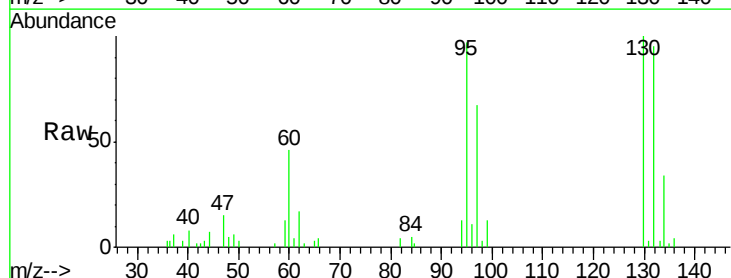
Acq: 05 Apr 2019 18:56

Tgt Ion: 130 Resp: 5807

Ion Ratio Lower Upper

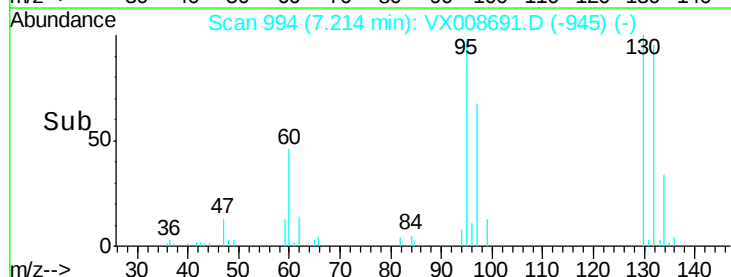
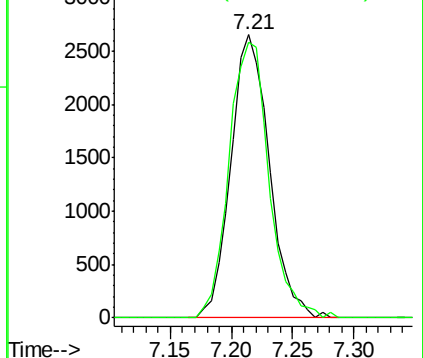
130 100

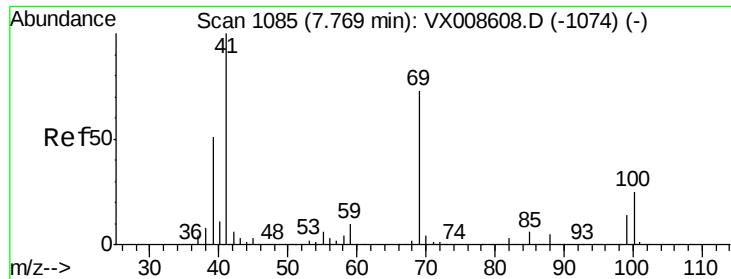
95 97.4 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#48

Methvl methacrylate

Concen: 0.511 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

S8-0711DL

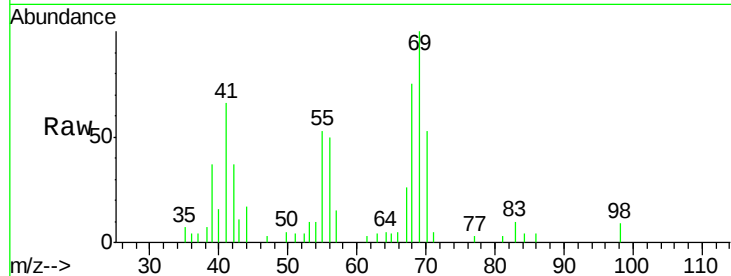
Tot Ion: 41 Resp: 2032

Ion Ratio Lower Upper

41 100

69 144.9 59.0 88.4#

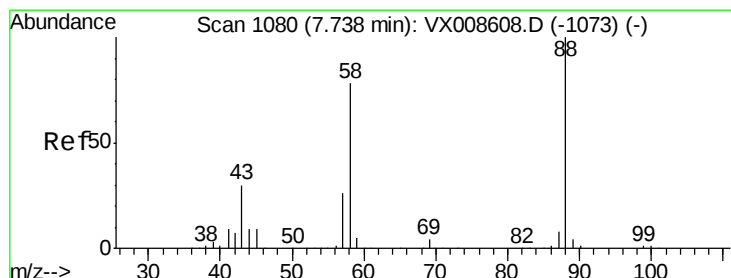
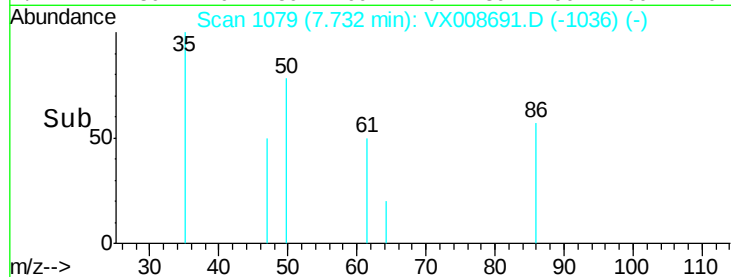
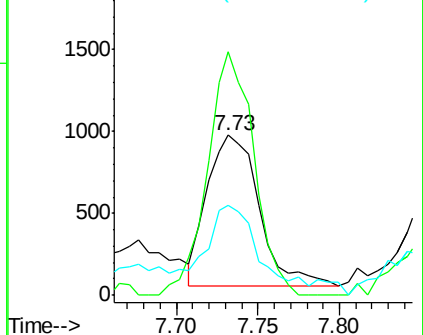
39 46.9 41.0 61.4



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: 0.241 ug/l

RT: 7.55 min Scan# 1049

Delta R.T. -0.19 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

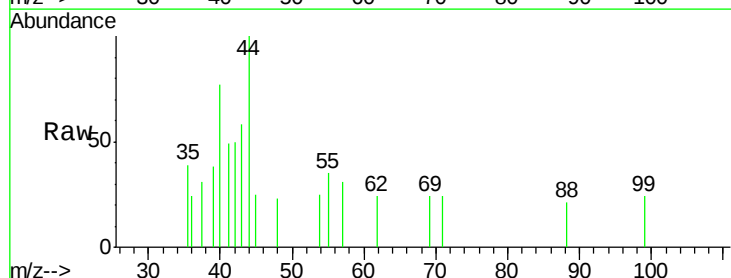
Tgt Ion: 88 Resp: 18

Ion Ratio Lower Upper

88 100

43 0.0 28.6 43.0#

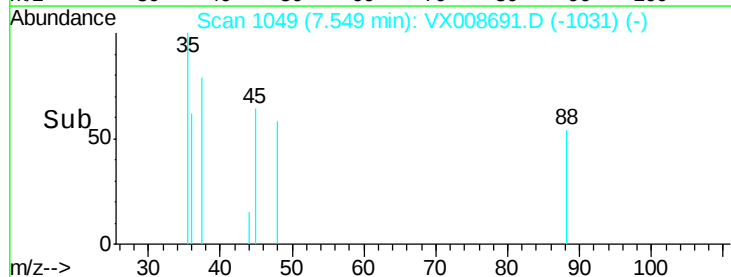
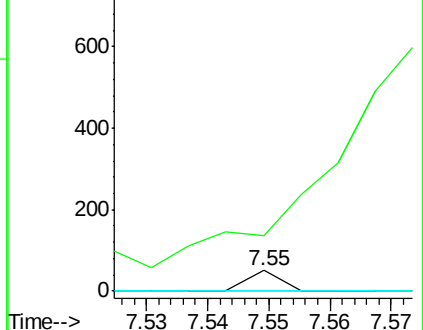
58 0.0 62.2 93.2#

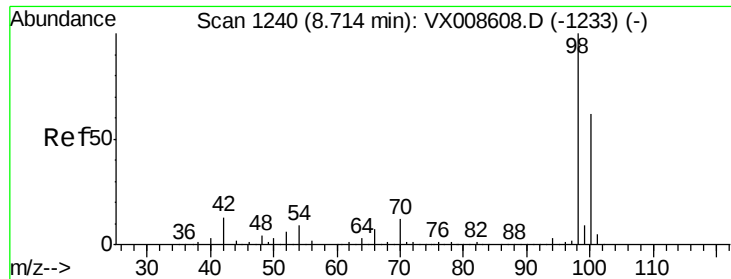


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

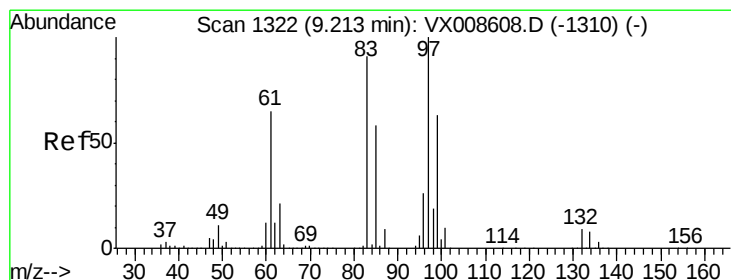
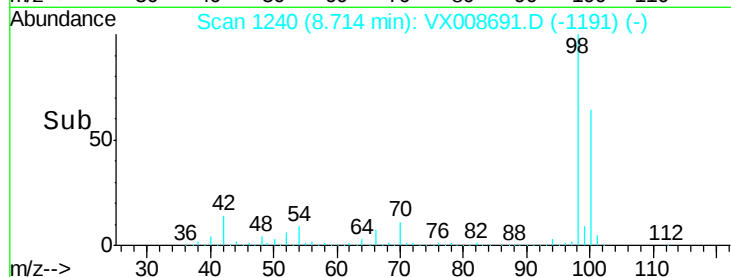
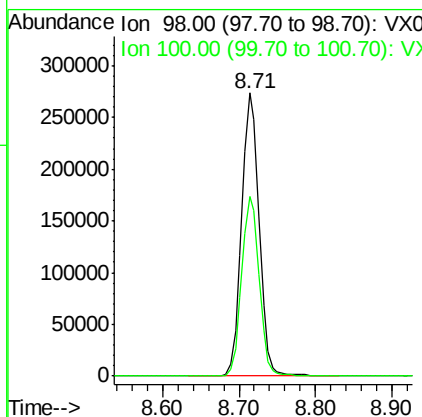
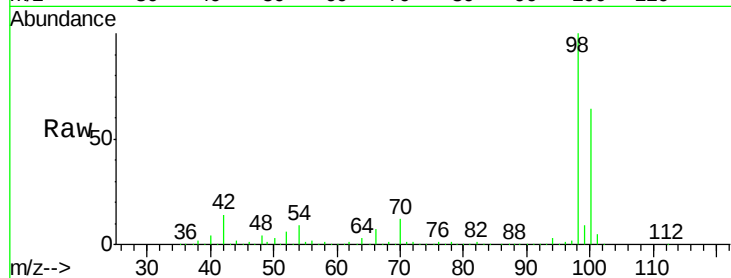




#50
Toluene-d8
Concen: 49.538 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008691.D
Acq: 05 Apr 2019 18:56

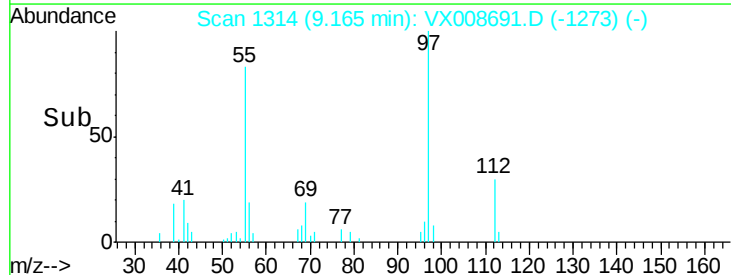
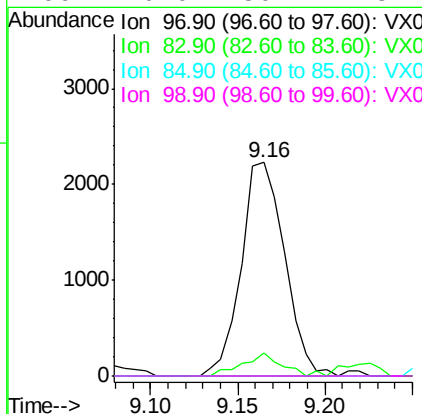
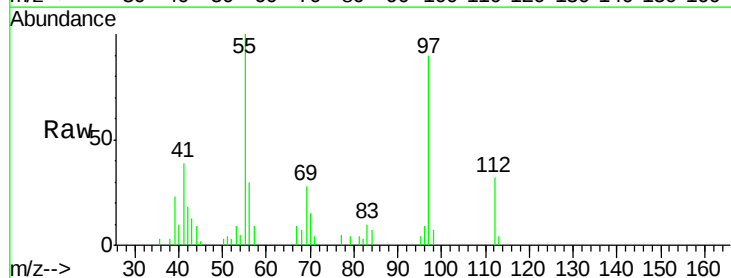
Instrument :
MSVOA_X
ClientSampleID :
S8-0711DL

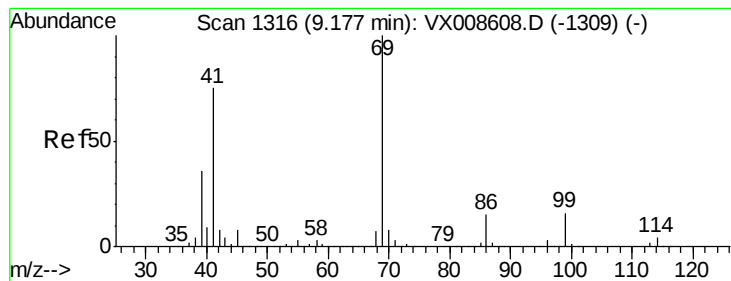
Tot Ion: 98 Resp: 434057
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



#55
1,1,2-Trichloroethane
Concen: 1.449 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX008691.D
Acq: 05 Apr 2019 18:56

Tgt Ion: 97 Resp: 3844
Ion Ratio Lower Upper
97 100
83 10.7 73.2 109.8#
85 0.0 46.6 69.8#
99 0.0 50.1 75.1#





#56

Ethyl methacrylate

Concen: 0.260 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampleID :

S8-0711DL

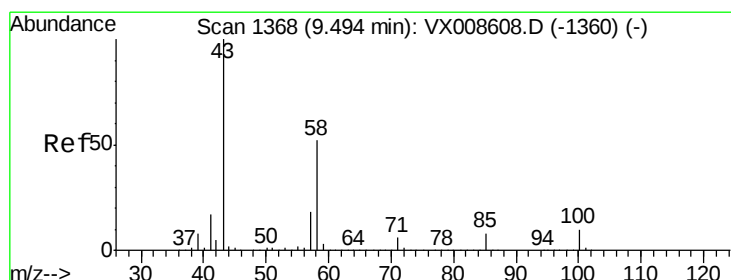
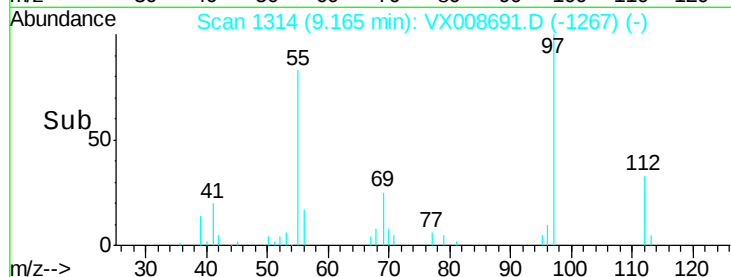
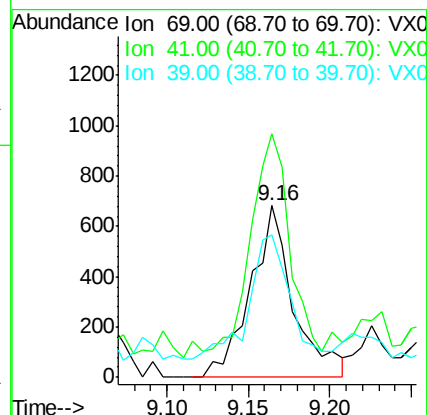
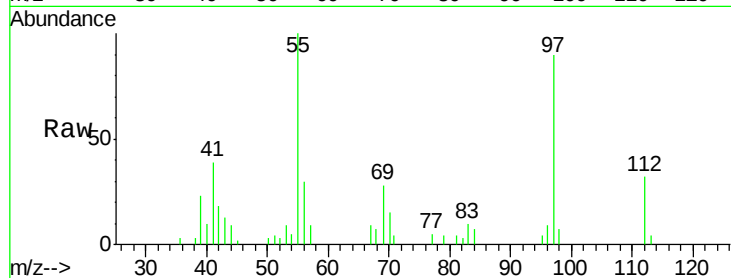
Tot Ion: 69 Resp: 1249

Ion Ratio Lower Upper

69 100

41 121.2 60.1 90.1#

39 69.0 28.9 43.3#



#59

2-Hexanone

Concen: 0.423 ug/l

RT: 9.30 min Scan# 1337

Delta R.T. -0.19 min

Lab File: VX008691.D

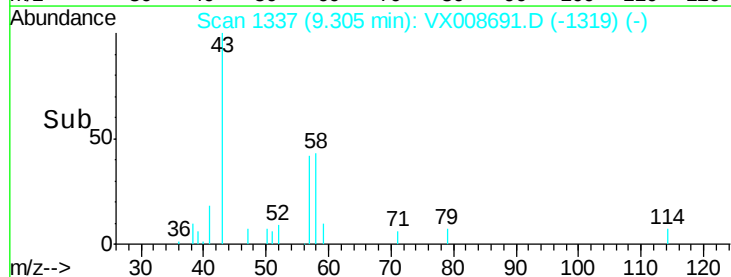
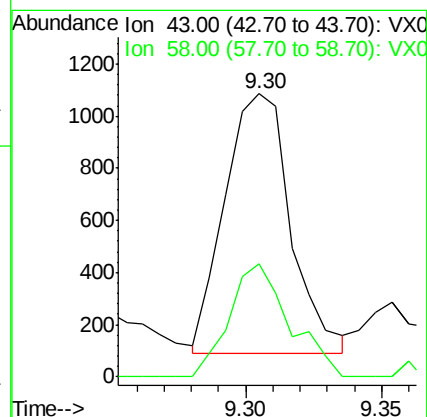
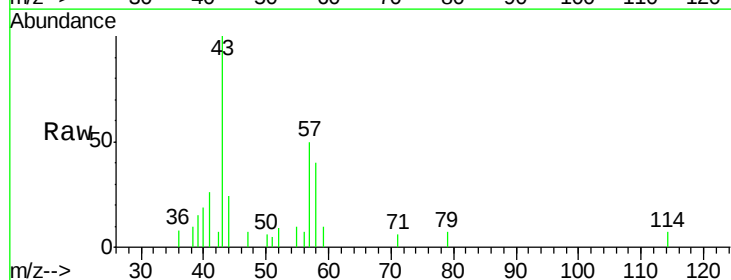
Acq: 05 Apr 2019 18:56

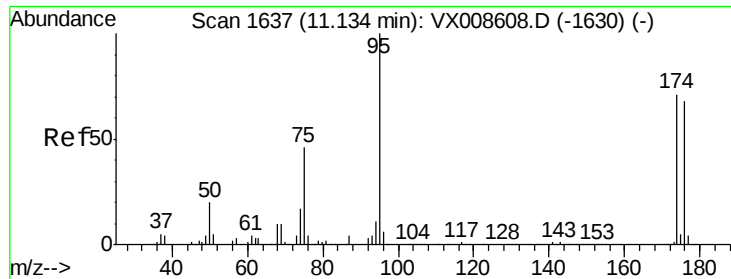
Tgt Ion: 43 Resp: 1663

Ion Ratio Lower Upper

43 100

58 39.9 25.9 77.7

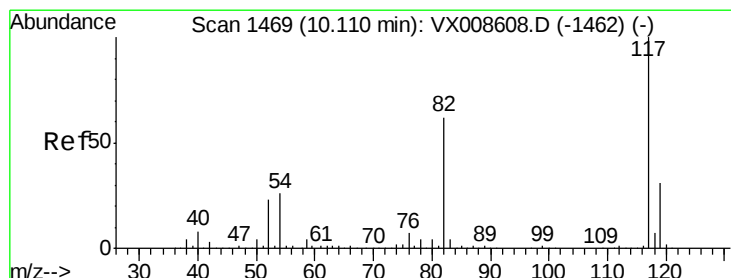
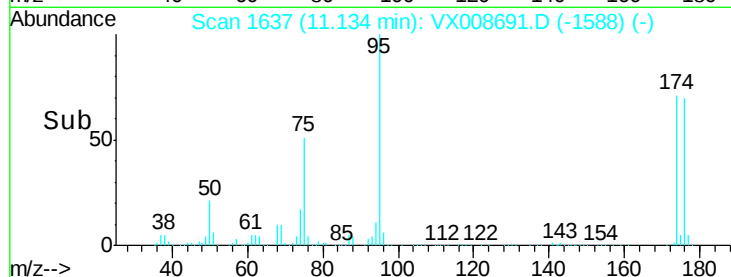
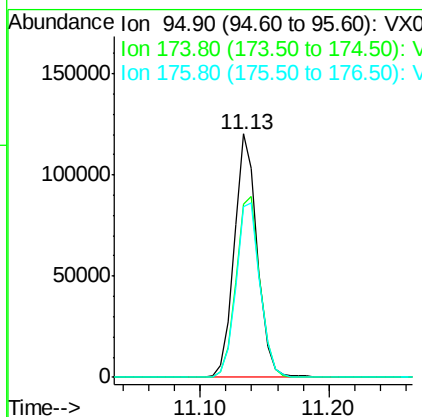
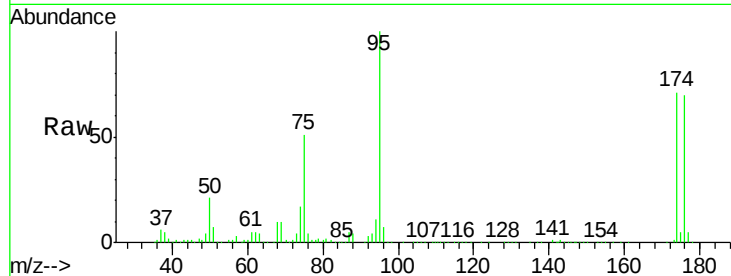




#62
4-Bromofluorobenzene
Concen: 47.954 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008691.D
Acq: 05 Apr 2019 18:56

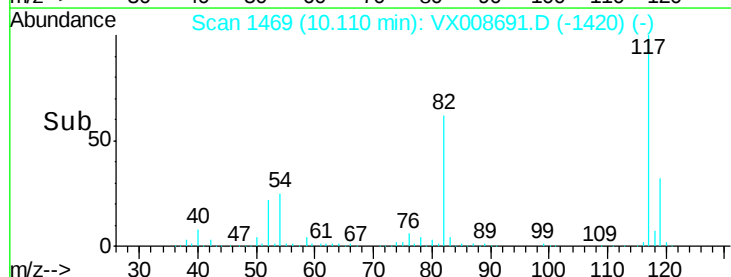
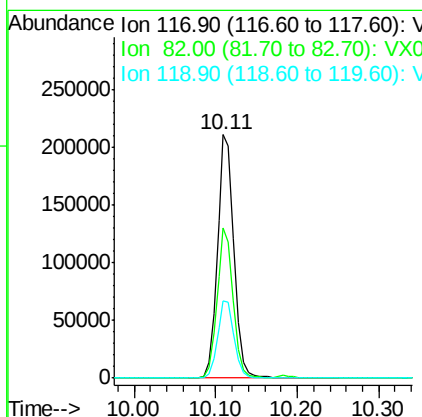
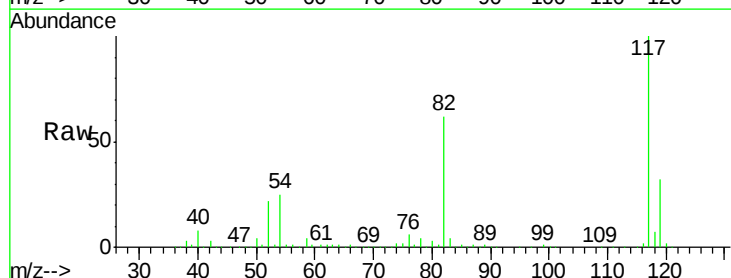
Instrument :
MSVOA_X
ClientSampleId :
S8-0711DL

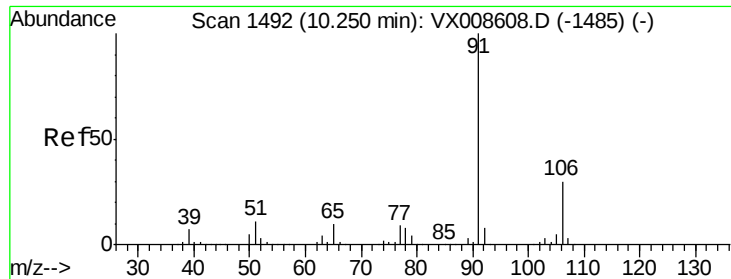
Tot Ion: 95 Resp: 149003
Ion Ratio Lower Upper
95 100
174 77.1 0.0 151.8
176 75.0 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008691.D
Acq: 05 Apr 2019 18:56

Tgt Ion: 117 Resp: 299706
Ion Ratio Lower Upper
117 100
82 61.6 49.6 74.4
119 31.8 25.0 37.4

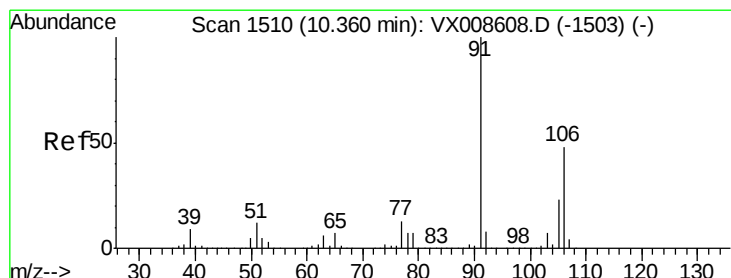
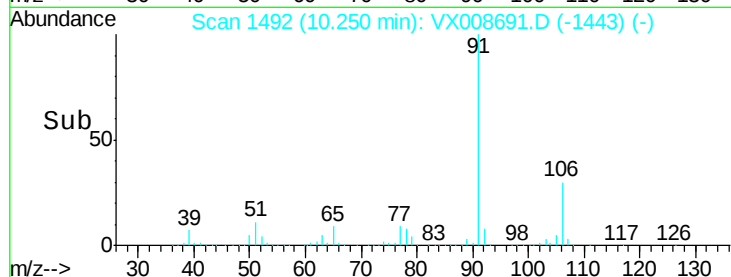
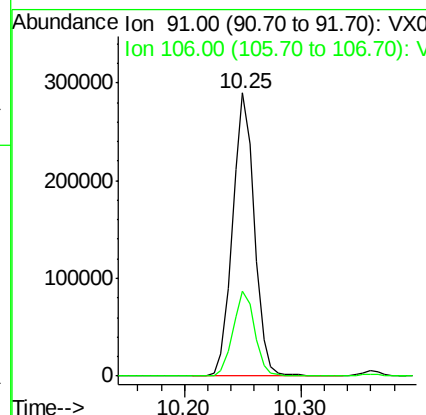
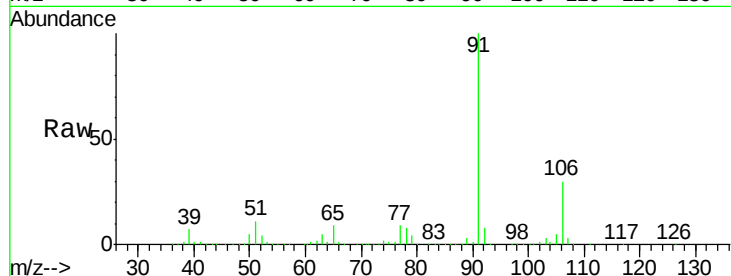




#67
Ethyl Benzene
Concen: 30.440 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008691.D
Acq: 05 Apr 2019 18:56

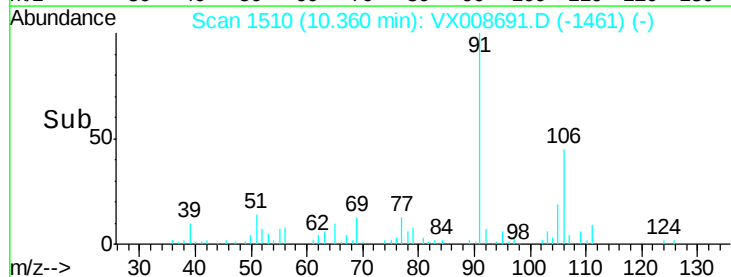
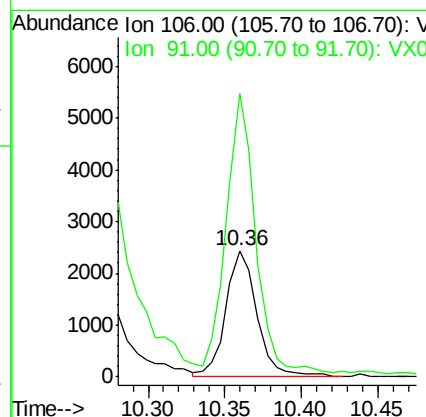
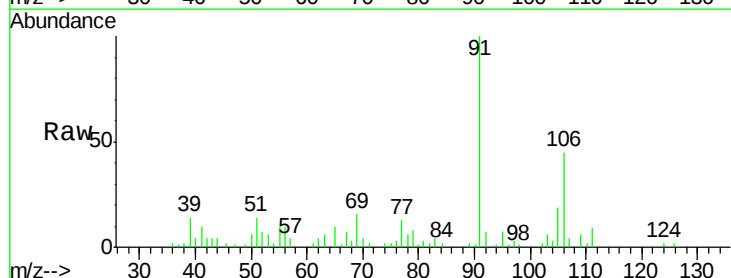
Instrument :
MSVOA_X
ClientSampleId :
S8-0711DL

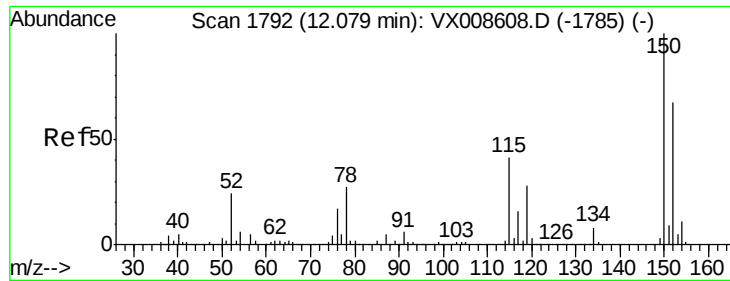
Tot Ion: 91 Resp: 377087
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5



#68
m/p-Xylenes
Concen: 0.779 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008691.D
Acq: 05 Apr 2019 18:56

Tgt Ion: 106 Resp: 3472
Ion Ratio Lower Upper
106 100
91 0.0 168.5 252.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

S8-0711DL

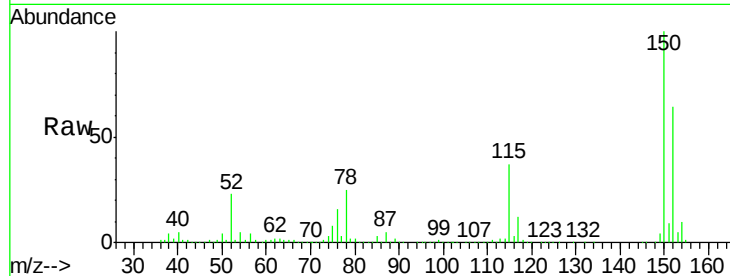
Tot Ion:152 Resp: 131176

Ion Ratio Lower Upper

152 100

115 60.4 43.5 130.5

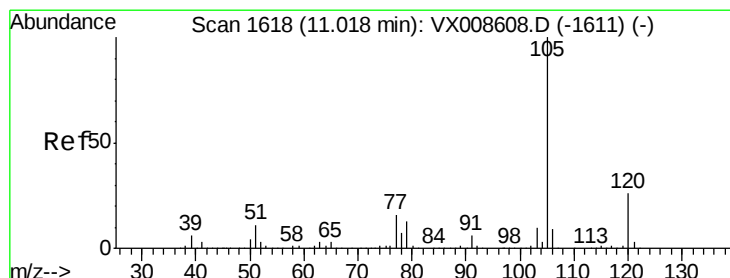
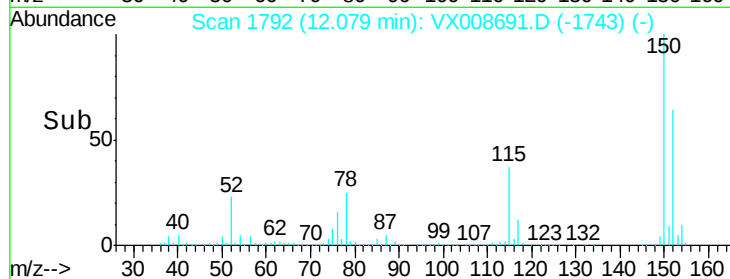
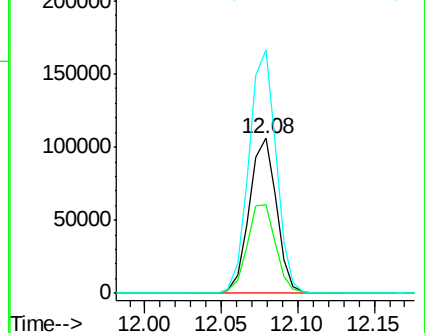
150 157.5 0.0 348.8



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: 6.298 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008691.D

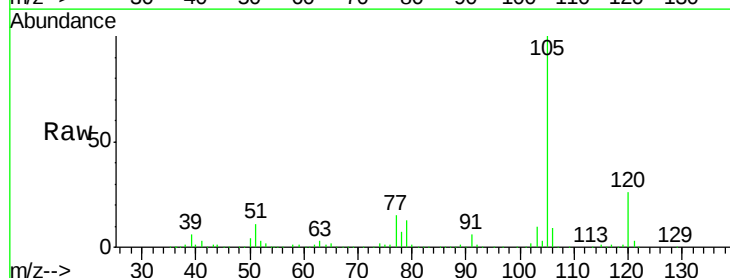
Acq: 05 Apr 2019 18:56

Tgt Ion:105 Resp: 68467

Ion Ratio Lower Upper

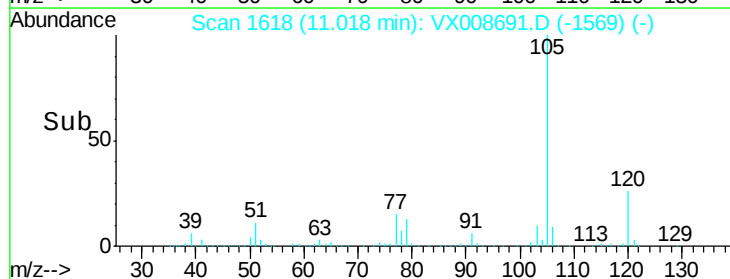
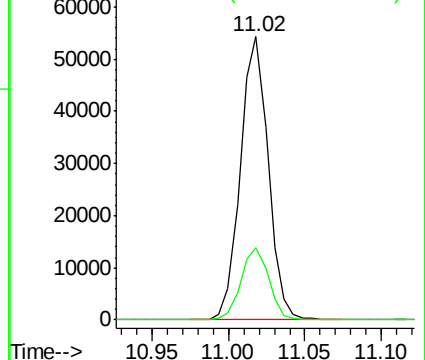
105 100

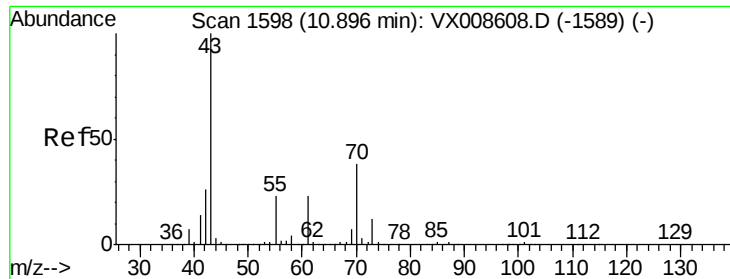
120 25.6 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.479 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

S8-0711DL

Tot Ion: 43 Resp: 3064

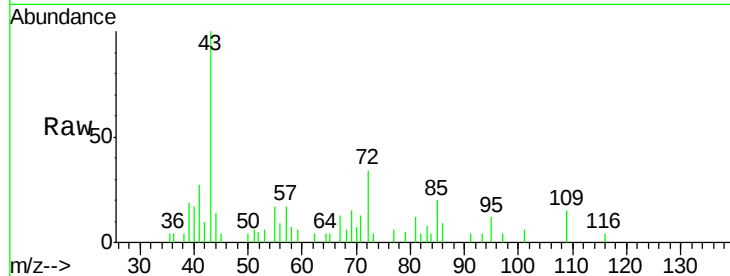
Ion Ratio Lower Upper

43 100

70 0.0 30.2 45.4#

55 0.0 18.2 27.4#

61 0.0 18.6 28.0#

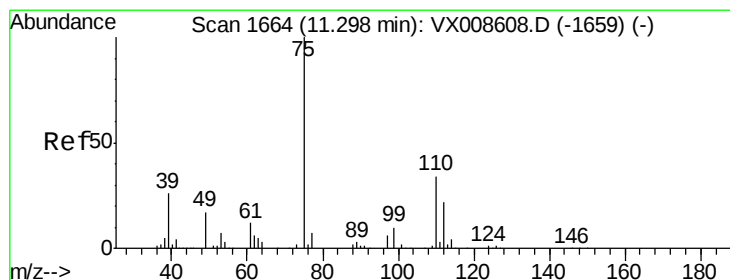
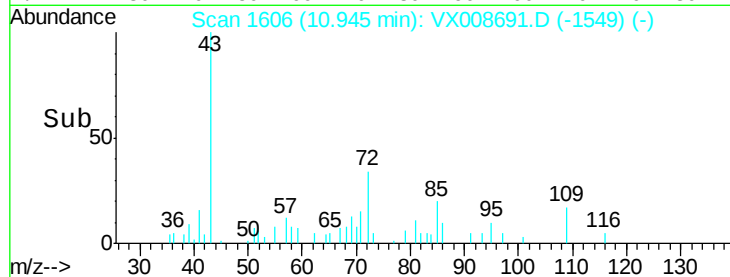
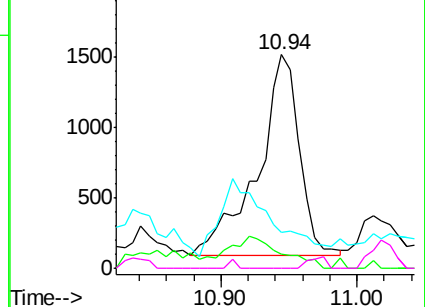


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.893 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008691.D

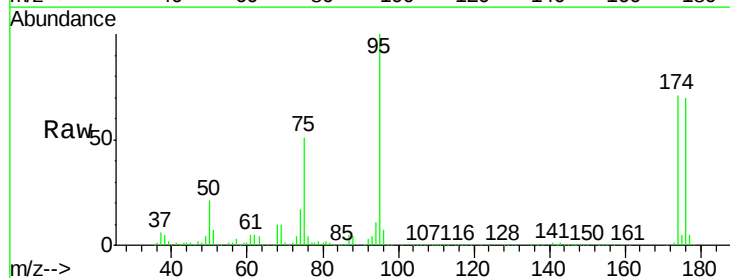
Acq: 05 Apr 2019 18:56

Tgt Ion: 75 Resp: 75289

Ion Ratio Lower Upper

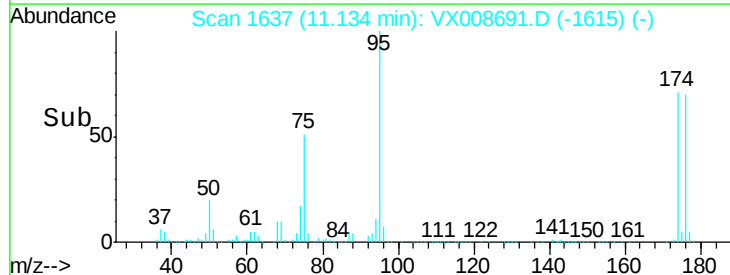
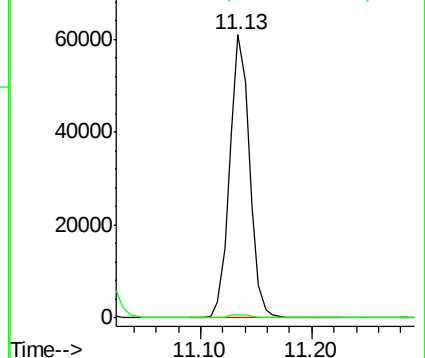
75 100

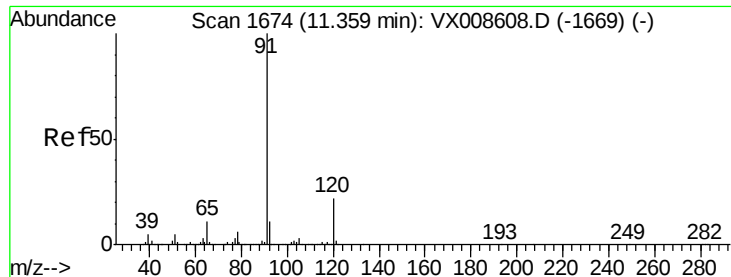
77 1.7 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 3.893 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

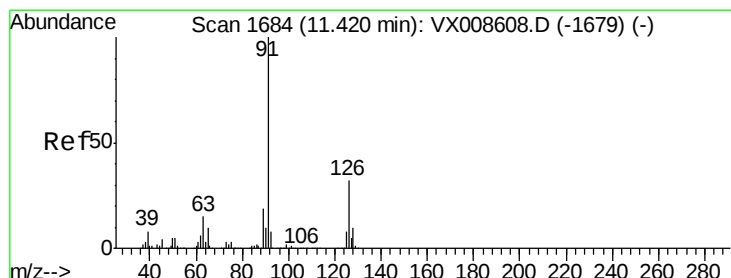
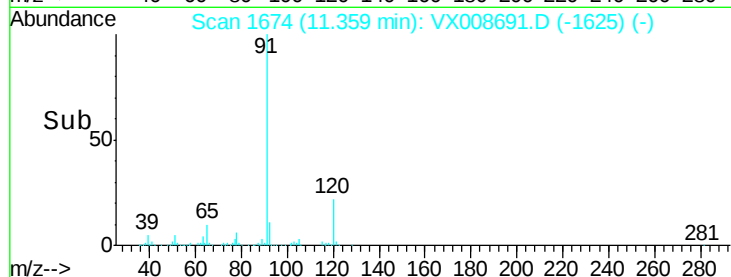
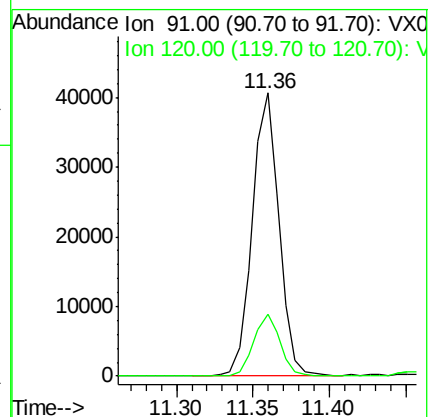
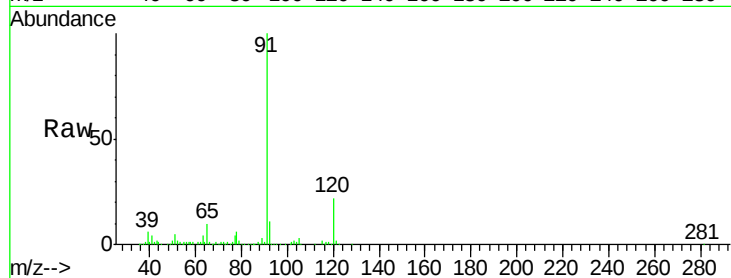
S8-0711DL

Tot Ion: 91 Resp: 49283

Ion Ratio Lower Upper

91 100

120 21.6 10.9 32.7



#79

2-Chlorotoluene

Concen: 6.434 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX008691.D

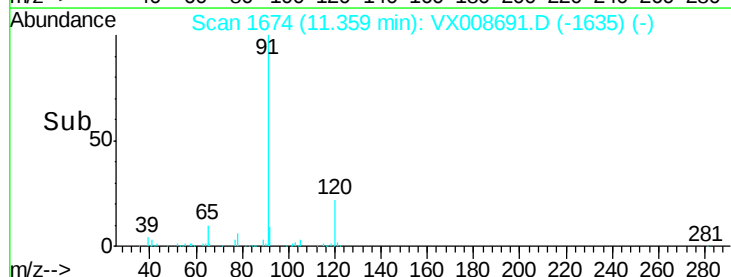
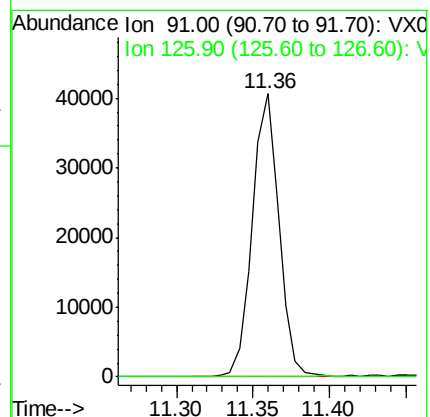
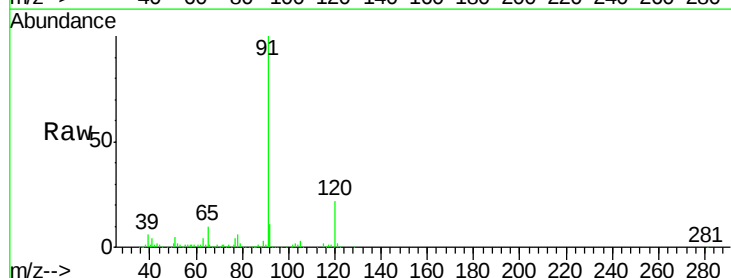
Acq: 05 Apr 2019 18:56

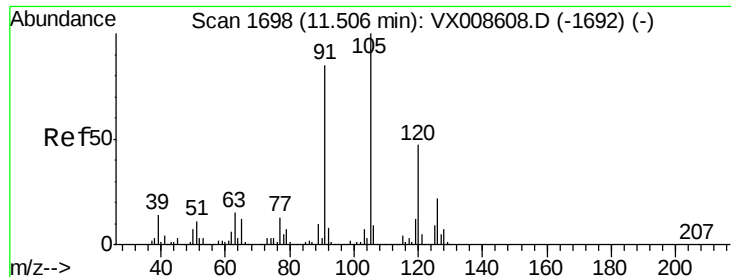
Tgt Ion: 91 Resp: 49283

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.3#





#80

1,3,5-Trimethylbenzene

Concen: 0.344 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.05 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

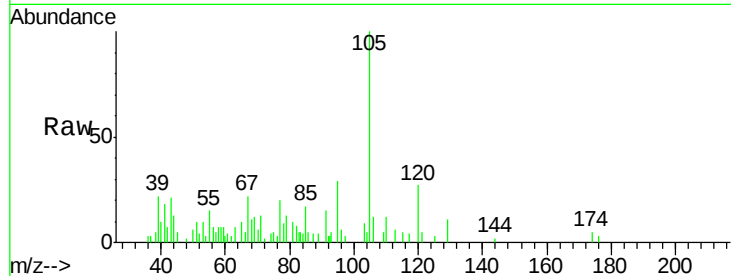
S8-0711DL

Tot Ion:105 Resp: 3140

Ion Ratio Lower Upper

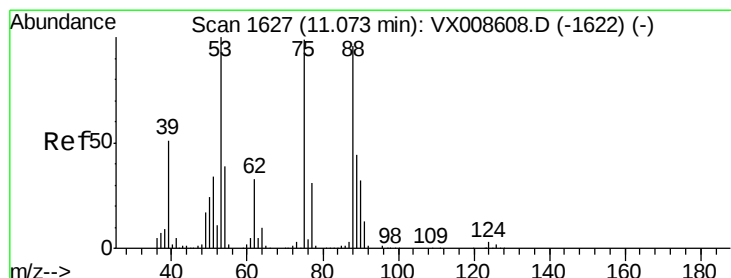
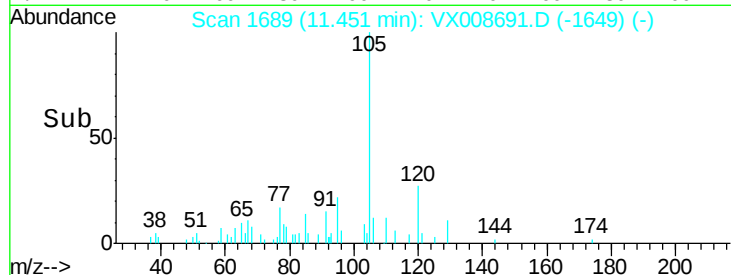
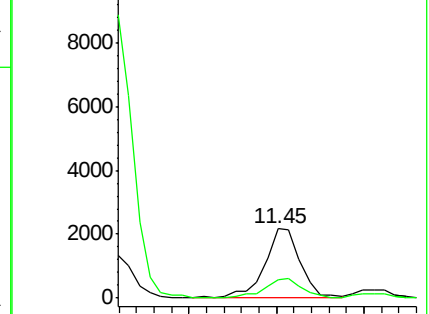
105 100

120 29.8 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 57.593 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

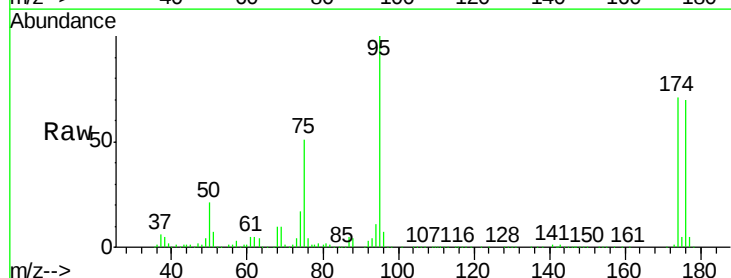
Tgt Ion: 75 Resp: 75289

Ion Ratio Lower Upper

75 100

53 0.6 81.3 121.9#

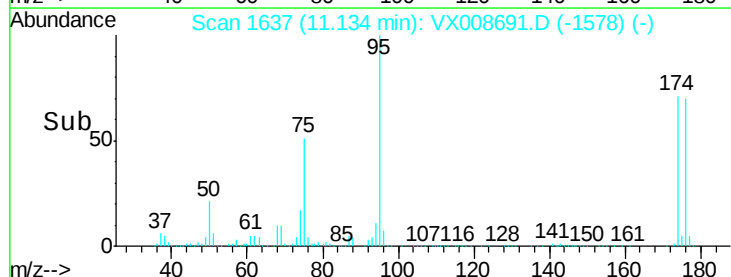
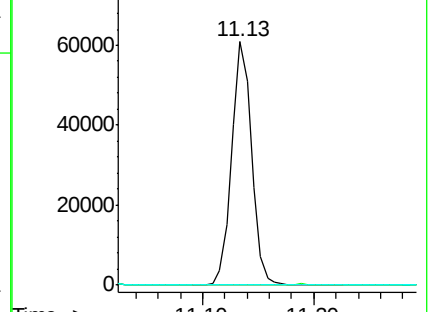
89 0.0 35.6 53.4#

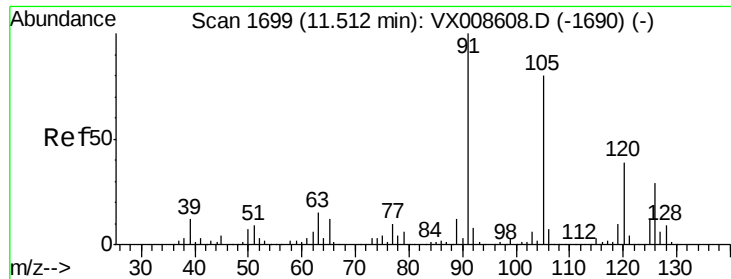


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

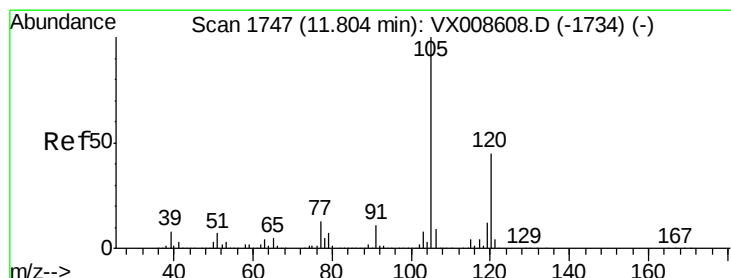
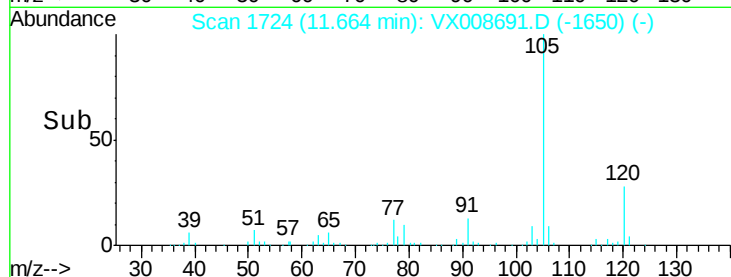
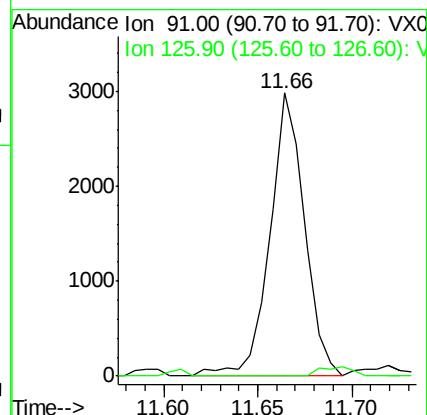
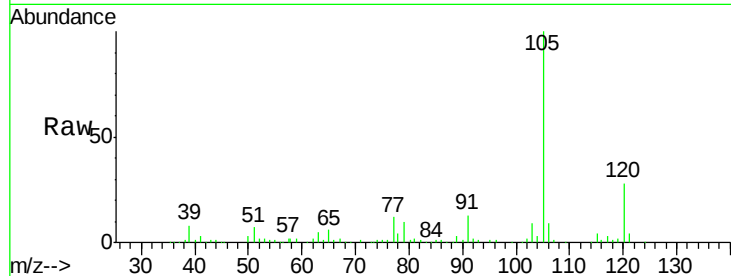




#82
4-Chlorotoluene
Concen: 0.428 ug/l
RT: 11.66 min Scan# 1724
Delta R.T. 0.15 min
Lab File: VX008691.D
Acq: 05 Apr 2019 18:56

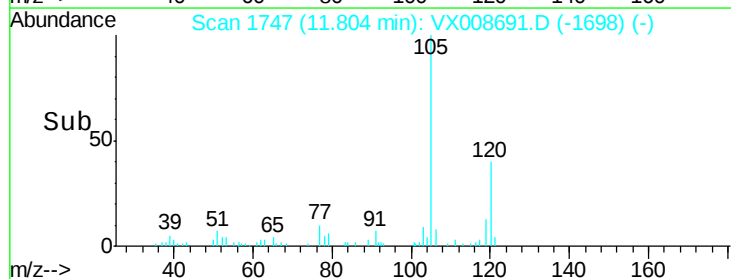
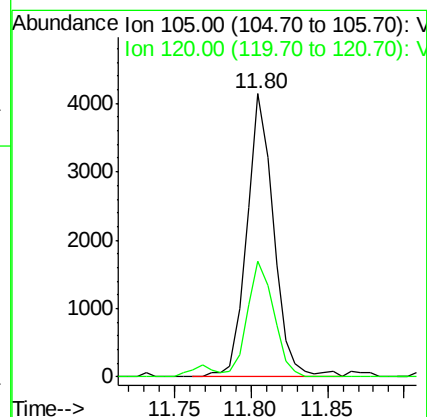
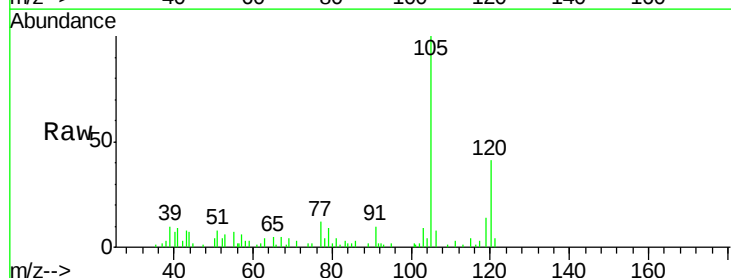
Instrument :
MSVOA_X
ClientSampleId :
S8-0711DL

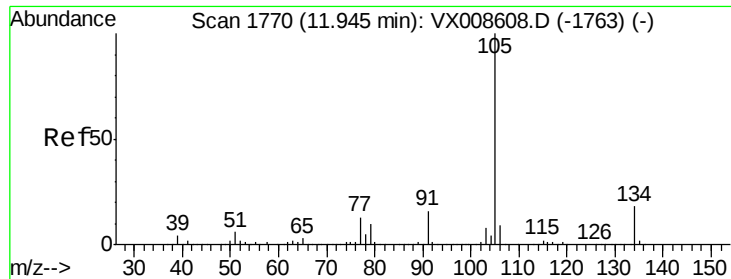
Tot Ion: 91 Resp: 3793
Ion Ratio Lower Upper
91 100
126 0.0 13.9 41.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.544 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008691.D
Acq: 05 Apr 2019 18:56

Tgt Ion: 105 Resp: 5030
Ion Ratio Lower Upper
105 100
120 40.4 21.8 65.3





#85

sec-Butylbenzene

Concen: 0.989 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

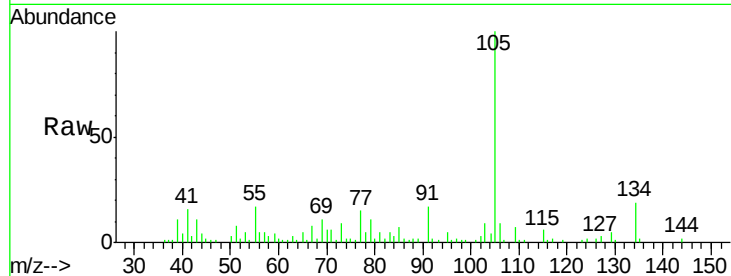
S8-0711DL

Tot Ion:105 Resp: 10313

Ion Ratio Lower Upper

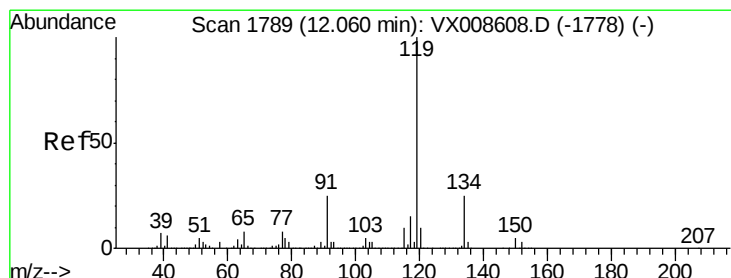
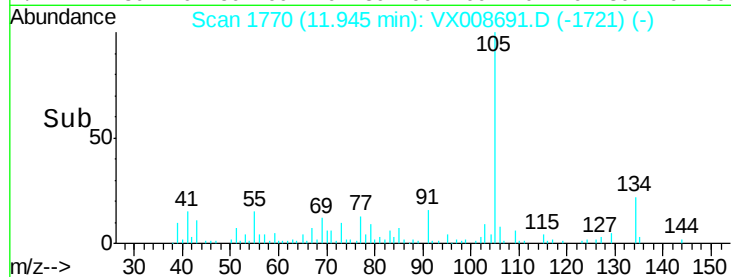
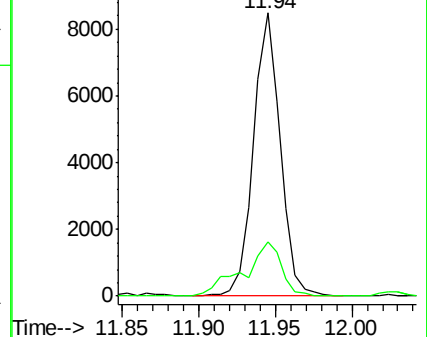
105 100

134 27.3 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: 0.416 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

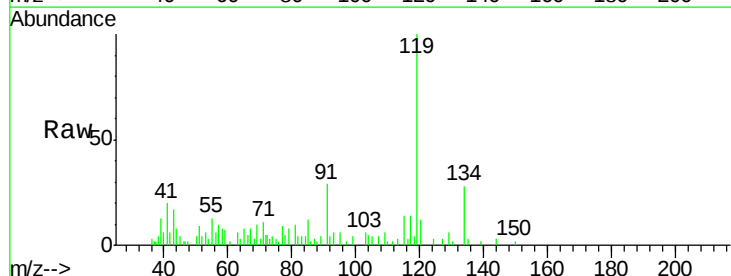
Tgt Ion:119 Resp: 3890

Ion Ratio Lower Upper

119 100

134 27.9 12.8 38.4

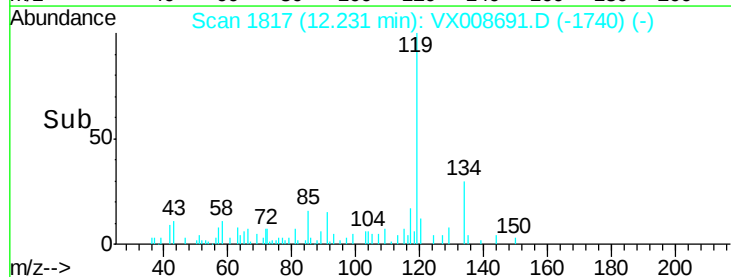
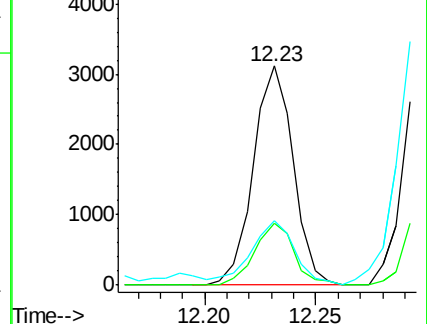
91 32.7 12.2 36.6

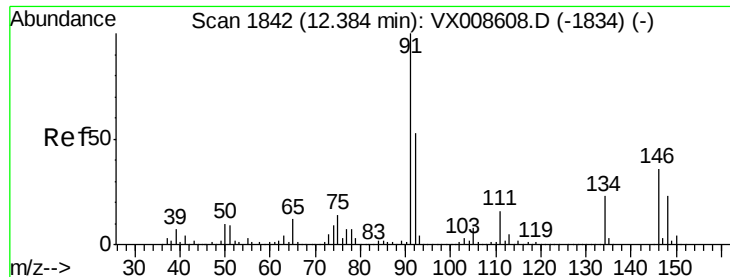


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 0.395 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008691.D

Acq: 05 Apr 2019 18:56

Instrument :

MSVOA_X

ClientSampled :

S8-0711DL

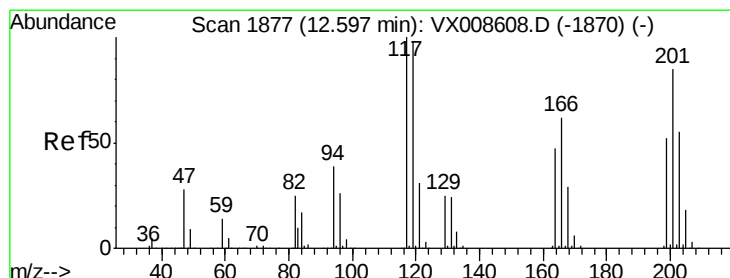
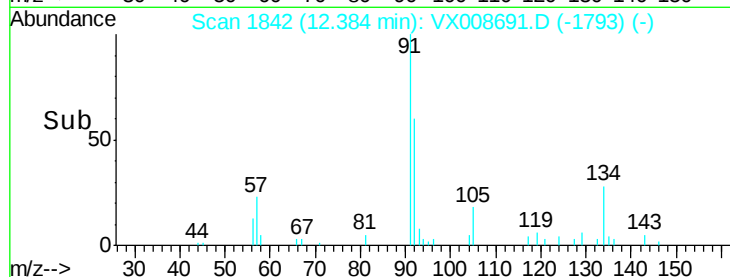
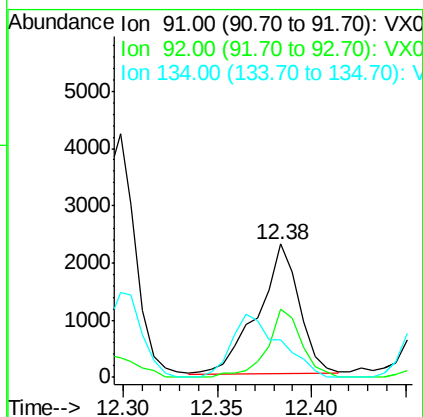
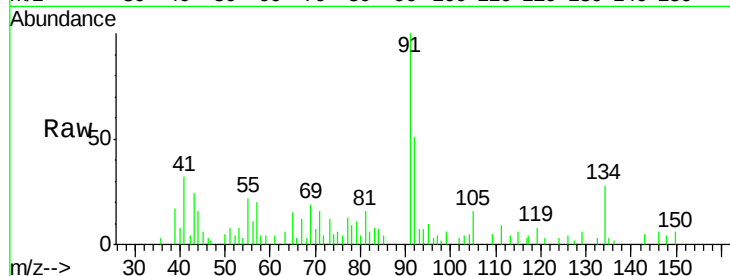
Tot Ion: 91 Resp: 3463

Ion Ratio Lower Upper

91 100

92 43.5 26.4 79.2

134 57.2 12.0 36.0#



#90

Hexachloroethane

Concen: 4.049 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX008691.D

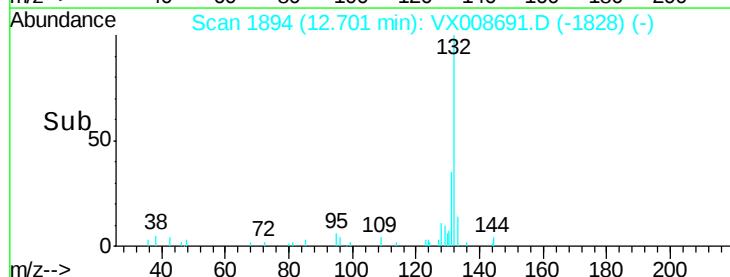
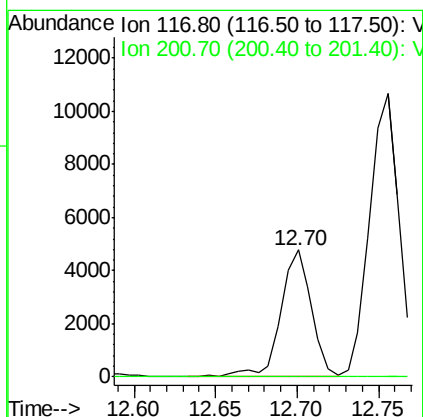
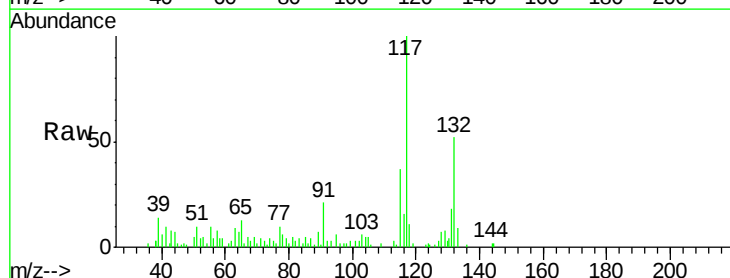
Acq: 05 Apr 2019 18:56

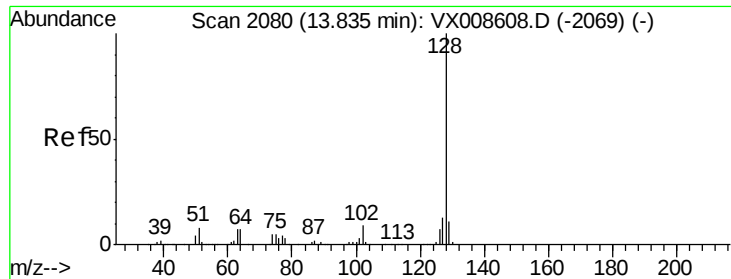
Tgt Ion: 117 Resp: 6286

Ion Ratio Lower Upper

117 100

201 0.0 40.6 122.0#

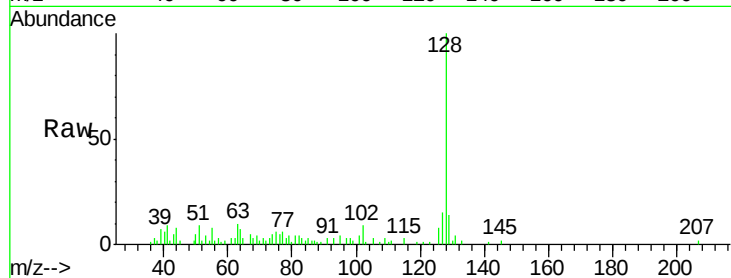




#95
Naphthalene
Concen: 0.605 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008691.D
Acq: 05 Apr 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
S8-0711DL

Tot Ion:128 Resp: 6530
Ion Ratio Lower Upper
128 100
127 18.6 10.4 15.6#
129 23.0 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

