

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102618\
 Data File : VX005602.D
 Acq On : 26 Oct 2018 14:02
 Operator : JC/MD
 Sample : J5665-02 10X
 Misc : 5.64g/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DL-06B

Quant Time: Oct 27 04:44:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	199285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158661	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	124524	51.19	ug/l	0.00
Spiked Amount						
			Recovery	=	102.38%	
35) Dibromofluoromethane	5.49	113	103563	52.14	ug/l	0.00
Spiked Amount						
			Recovery	=	104.28%	
50) Toluene-d8	8.71	98	378378	53.02	ug/l	0.00
Spiked Amount						
			Recovery	=	106.04%	
62) 4-Bromofluorobenzene	11.14	95	144686	53.68	ug/l	0.00
Spiked Amount						
			Recovery	=	107.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	519	0.207	ug/l	93
10) Methyl Iodide	2.51	142	156	2.797	ug/l #	88
11) Tert butyl alcohol	3.02	59	2252	3.440	ug/l #	83
13) Acrolein	2.29	56	80	0.240	ug/l #	34
15) Acrylonitrile	3.15	53	342	0.233	ug/l	97
16) Acetone	2.45	43	766	0.596	ug/l #	88
18) Methyl Acetate	2.78	43	259	Below Cal	#	78
20) Methylene Chloride	2.85	84	448	0.208	ug/l #	77
31) Cyclohexane	5.59	56	1285	0.392	ug/l #	57
36) 1,1-Dichloropropene	5.67	75	13713	4.817	ug/l #	50
38) Carbon Tetrachloride	5.66	117	18171	6.061	ug/l #	16
39) Methylcyclohexane	7.46	83	23189	7.377	ug/l	94
47) Bromodichloromethane	7.84	83	588	0.214	ug/l #	1
48) Methyl methacrylate	7.73	41	1333	0.503	ug/l #	86
51) 4-Methyl-2-Pentanone	8.66	43	12455	3.405	ug/l #	38
55) 1,1,2-Trichloroethane	9.16	97	35744	17.095	ug/l #	18
56) Ethyl methacrylate	9.16	69	8464	2.714	ug/l #	1
59) 2-Hexanone	9.44	43	47487	16.463	ug/l #	31
67) Ethyl Benzene	10.25	91	814344	81.064	ug/l	100
68) m/p-Xylenes	10.36	106	1138408	292.090	ug/l	99
69) o-Xylene	10.70	106	88751	24.204	ug/l	99
70) Styrene	10.70	104	4949	0.806	ug/l #	1
73) Isopropylbenzene	11.02	105	107120	11.045	ug/l	100
74) N-ethyl acetate	10.91	43	27822	5.789	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	14830	4.145	ug/l #	26
76) 1,2,3-Trichloropropane	11.43	75	10567	3.143	ug/l #	1
78) n-propylbenzene	11.36	91	313093	28.232	ug/l	98
79) 2-Chlorotoluene	11.43	91	152836	22.227	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	459119	55.337	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	73041	70.996	ug/l #	12
82) 4-Chlorotoluene	11.51	91	48789	6.017	ug/l #	45
83) tert-Butylbenzene	11.81	119	177653	21.481	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.81	105	1434331	170.577	ug/l	99
85) sec-Butylbenzene	11.94	105	60051	6.085	ug/l	99

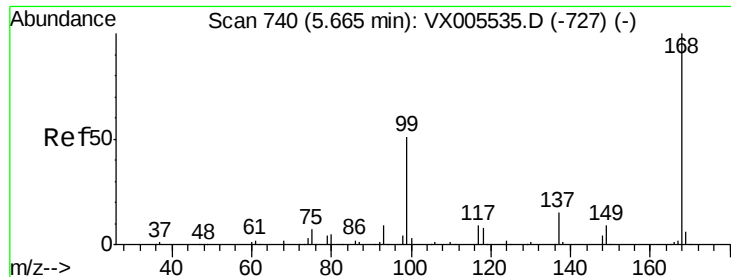
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102618\
Data File : VX005602.D
Acq On : 26 Oct 2018 14:02
Operator : JC/MD
Sample : J5665-02 10X
Misc : 5.64g/10ml/100uL/5.00mL/MSVOA_X/MEOH
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Instrument :
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ClientSampleId :
DL-06B

Quant Time: Oct 27 04:44:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.07	119	72336	8.200	ug/l	97
89) n-Butylbenzene	12.38	91	563568	70.764	ug/l #	24
90) Hexachloroethane	12.59	117	97675	64.196	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	12.98	75	11762	13.595	ug/l #	1
95) Naphthalene	13.83	128	2025786	186.955	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampled :

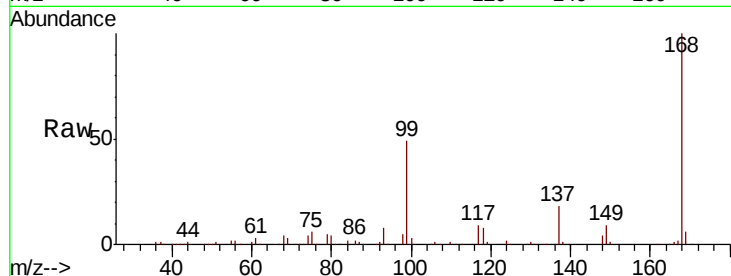
DL-06B

Tot Ion:168 Resp: 199285

Ion Ratio Lower Upper

168 100

99 49.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

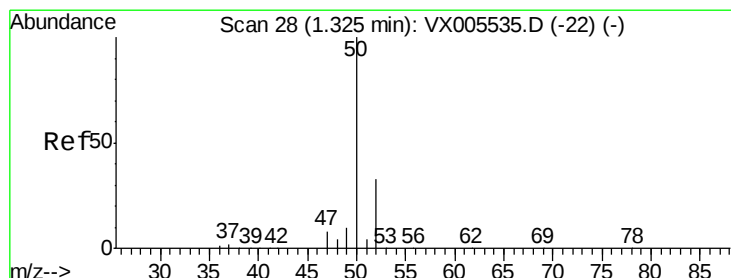
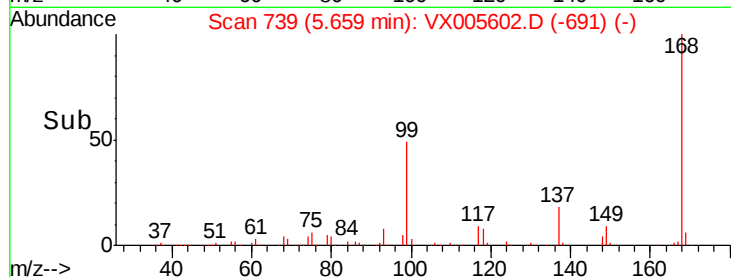
40000

20000

0

Time-->

5.60 5.80



#3

Chloromethane

Concen: 0.207 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005602.D

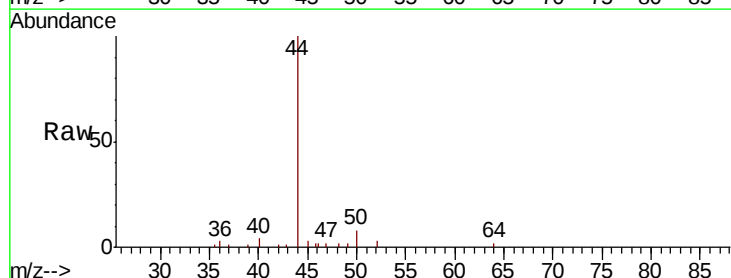
Acq: 26 Oct 2018 14:02

Tgt Ion: 50 Resp: 519

Ion Ratio Lower Upper

50 100

52 36.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

400

300

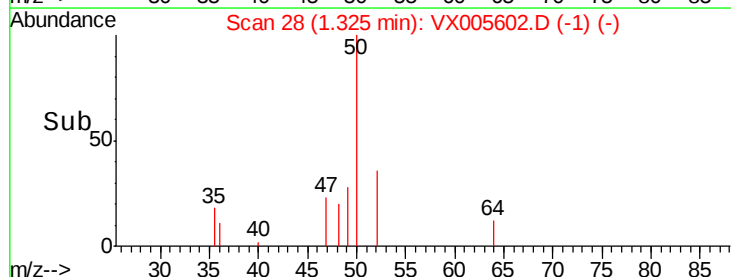
200

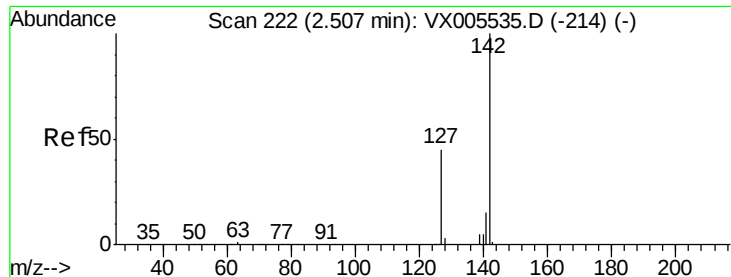
100

0

Time-->

1.30 1.35

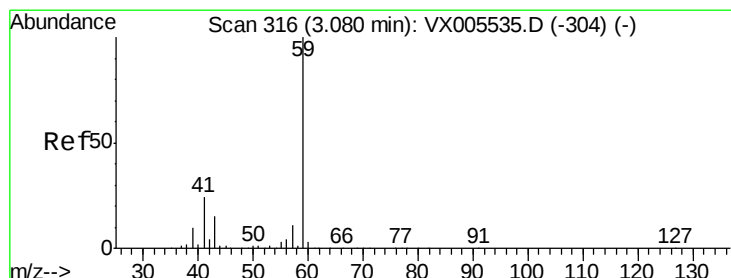
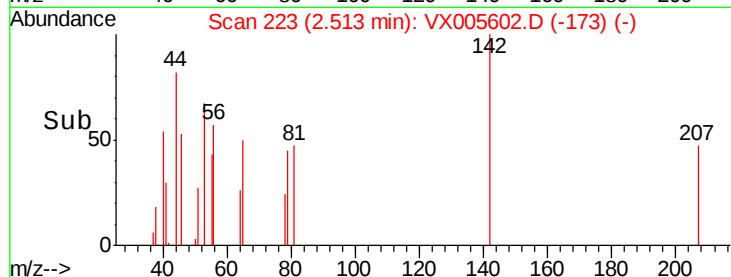
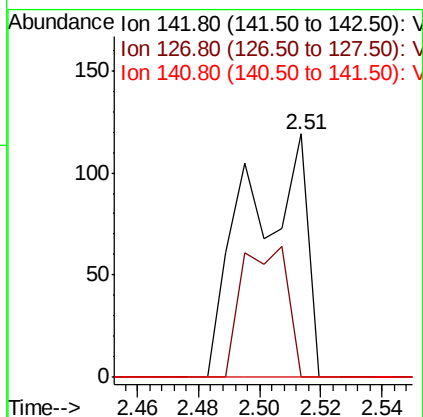
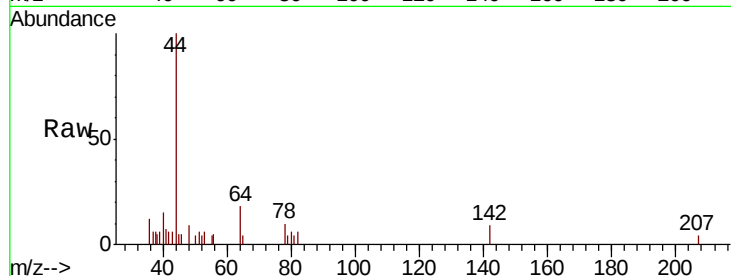




#10
Methyl Iodide
Concen: 2.797 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

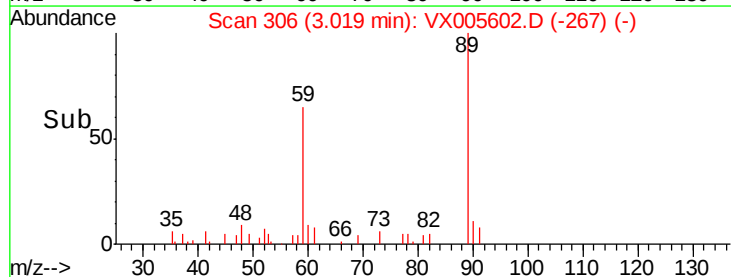
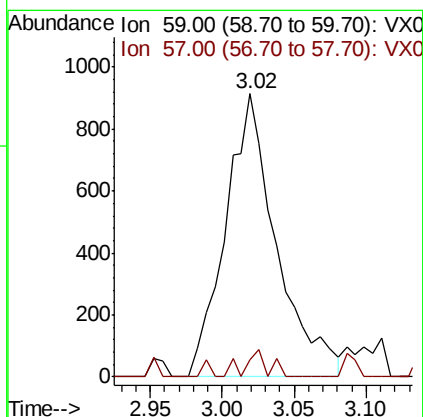
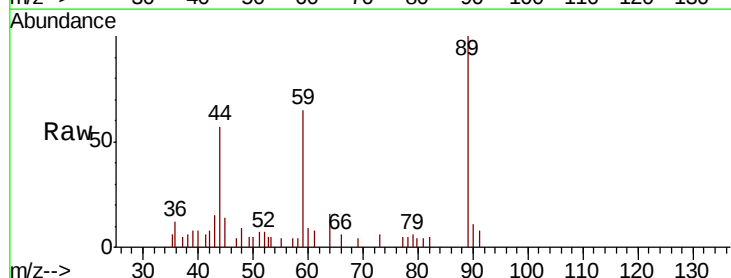
Instrument :
MSVOA_X
ClientSampled :
DL-06B

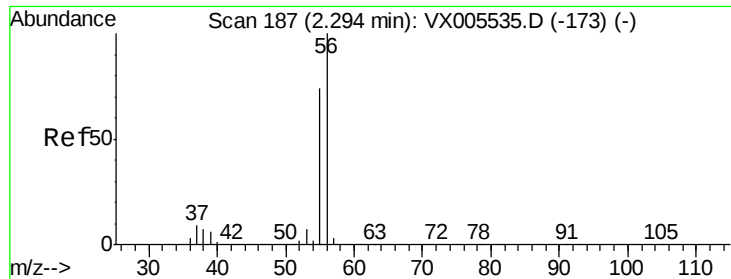
Tot Ion:142 Resp: 156
Ion Ratio Lower Upper
142 100
127 42.3 36.0 54.0
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 3.440 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Tgt Ion: 59 Resp: 2252
Ion Ratio Lower Upper
59 100
57 4.3 8.5 12.7#

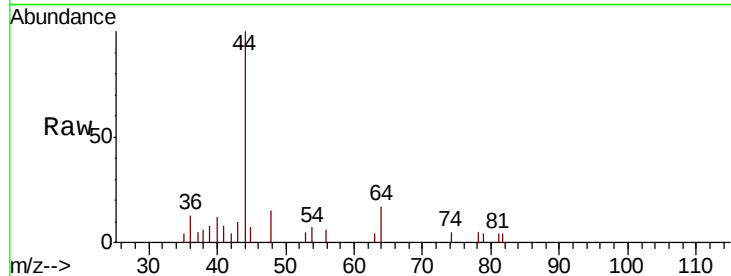




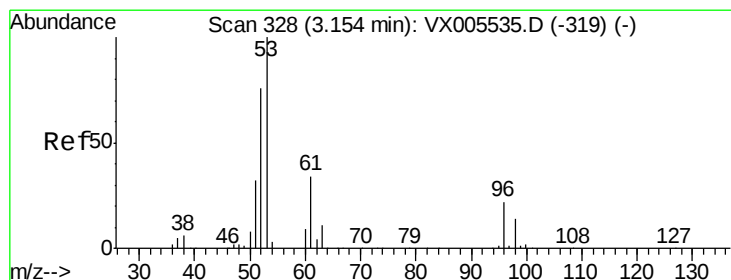
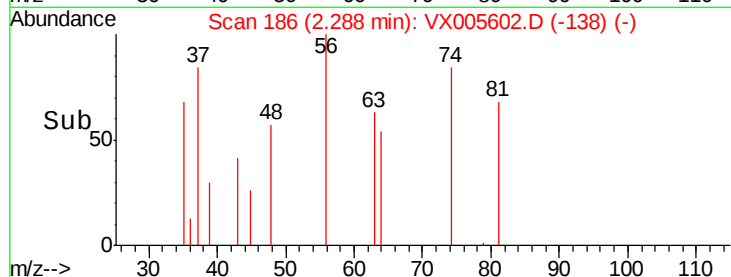
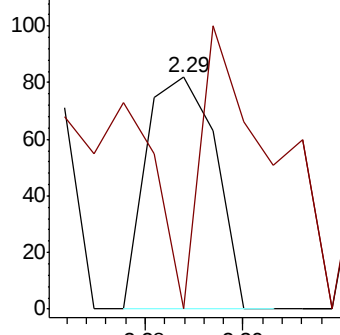
#13
Acrolein
Concen: 0.240 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Instrument :
MSVOA_X
ClientSampled :
DL-06B

Tot Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 126.3 57.3 85.9#

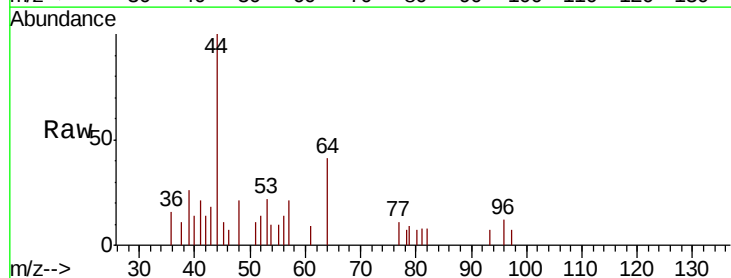


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0

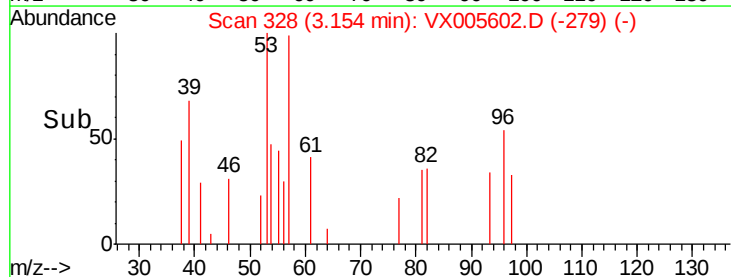
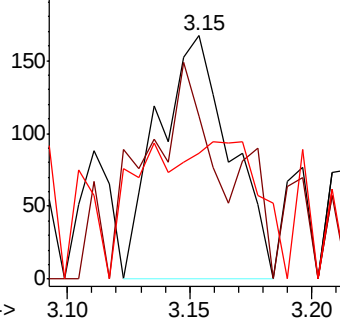


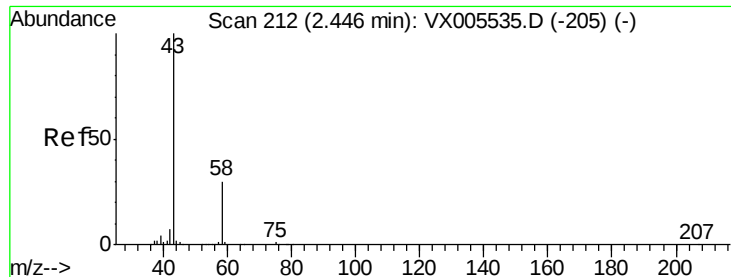
#15
Acrylonitrile
Concen: 0.233 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.00 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Tgt Ion: 53 Resp: 342
Ion Ratio Lower Upper
53 100
52 85.4 66.6 99.8
51 33.3 28.4 42.6



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: 0.596 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

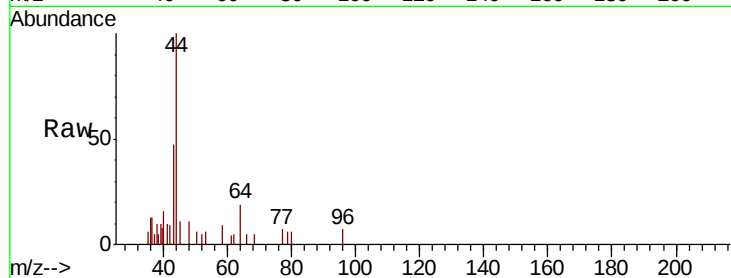
DL-06B

Tot Ion: 43 Resp: 766

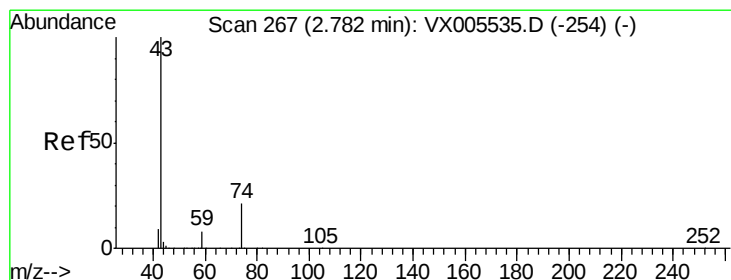
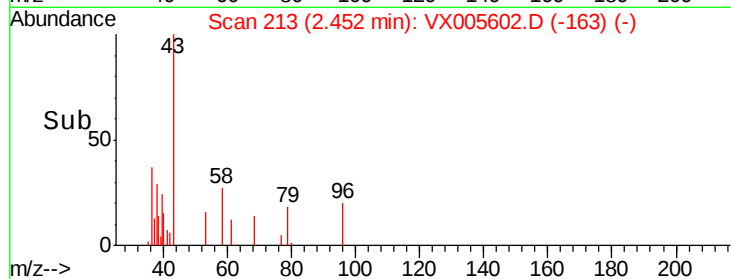
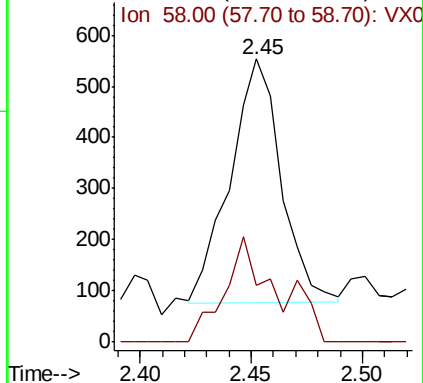
Ion Ratio Lower Upper

43 100

58 23.3 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005602.D

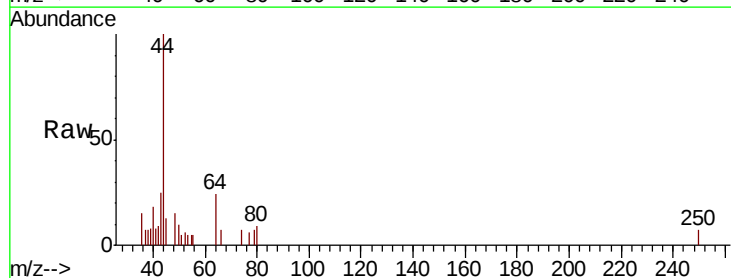
Acq: 26 Oct 2018 14:02

Tgt Ion: 43 Resp: 259

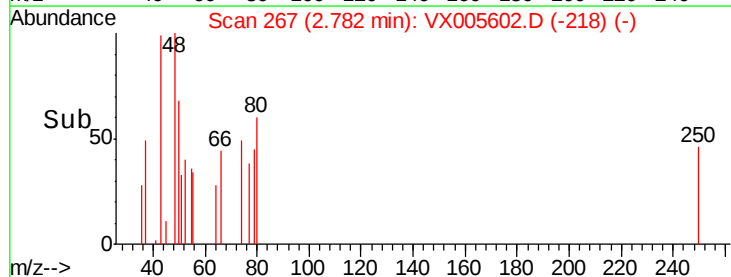
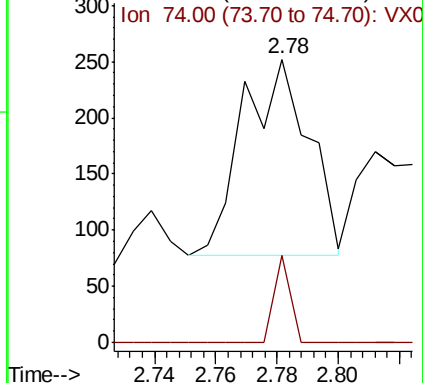
Ion Ratio Lower Upper

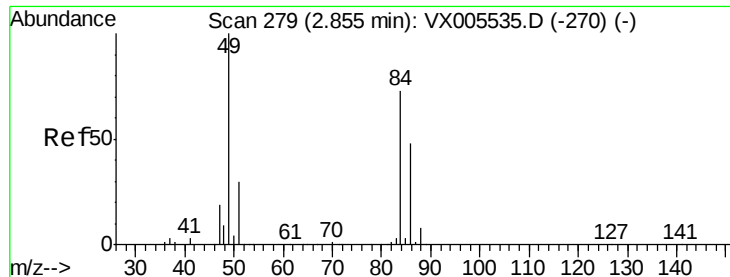
43 100

74 10.8 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0





#20

Methvlene Chloride

Concen: 0.208 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

DL-06B

Tot Ion: 84 Resp: 448

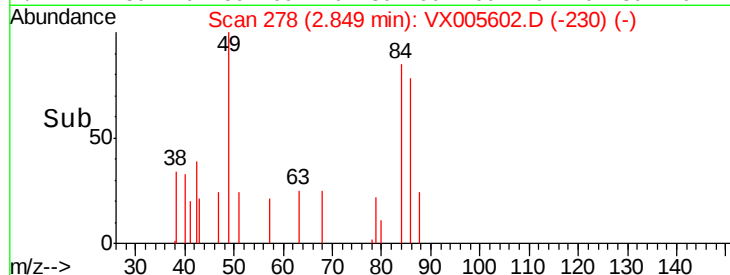
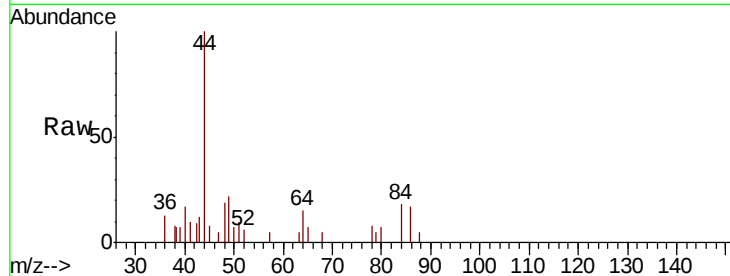
Ion Ratio Lower Upper

84 100

49 117.8 109.5 164.3

51 22.8 33.3 49.9#

86 91.6 52.7 79.1#

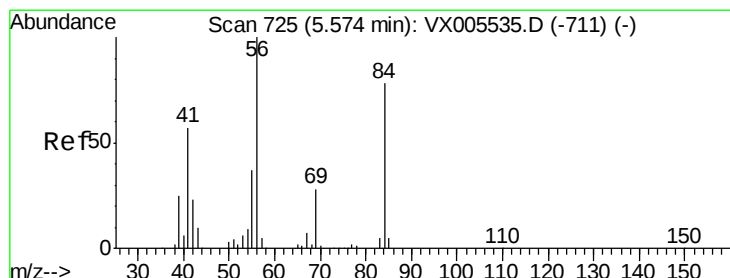
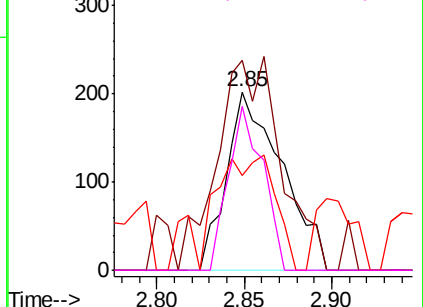


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#31

Cyclohexane

Concen: 0.392 ug/l

RT: 5.59 min Scan# 728

Delta R.T. 0.02 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

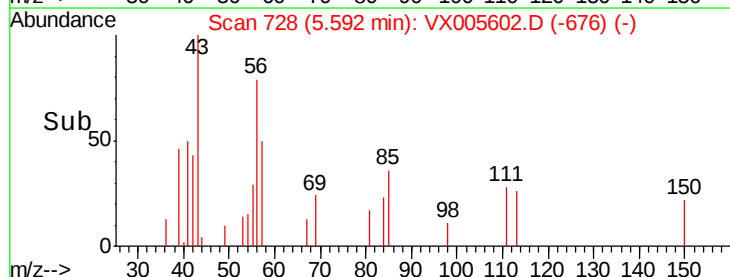
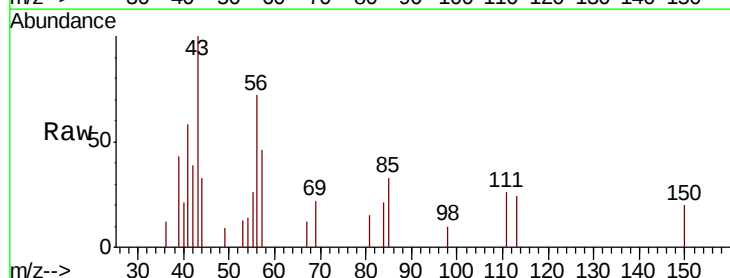
Tgt Ion: 56 Resp: 1285

Ion Ratio Lower Upper

56 100

69 30.9 22.6 34.0

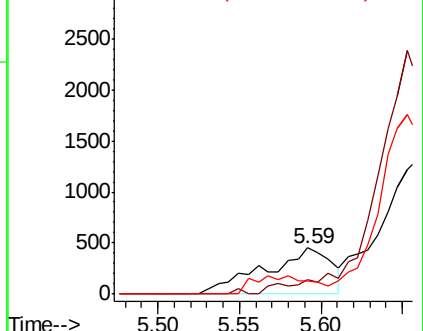
84 29.1 62.7 94.1#

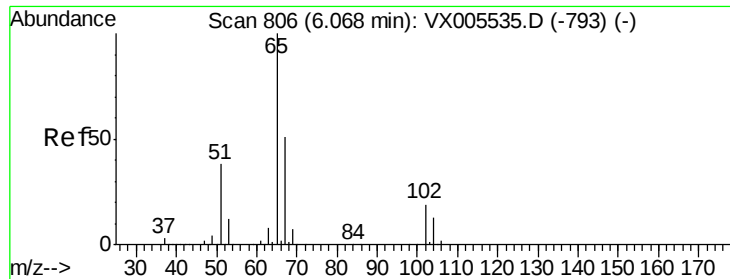


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

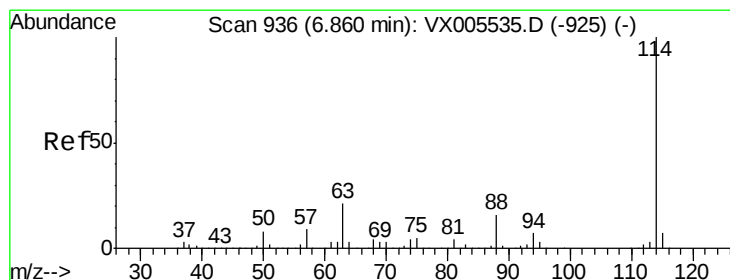
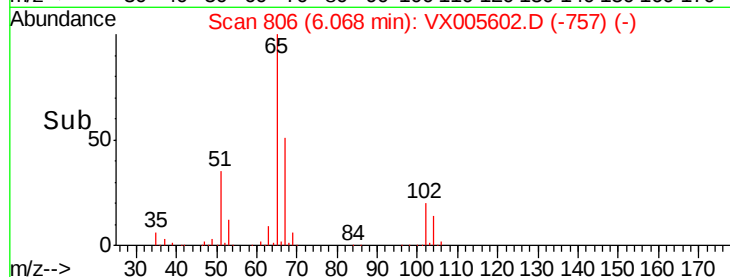
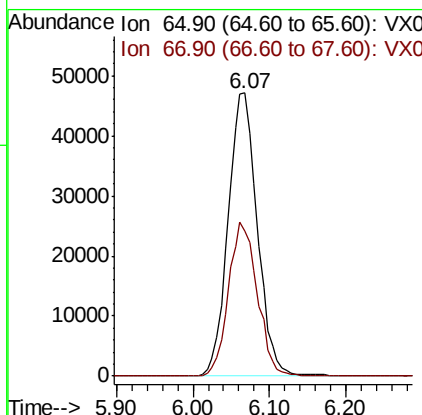
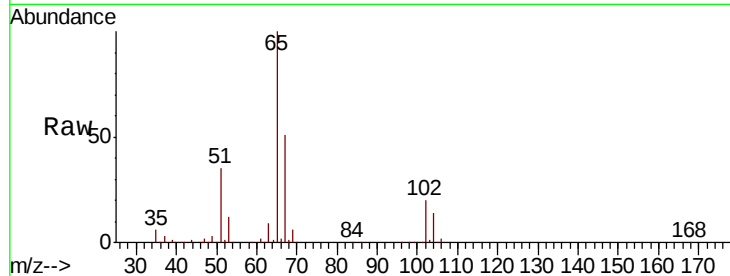




#33
 1,2-Dichloroethane-d4
 Concen: 51.189 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005602.D
 Acq: 26 Oct 2018 14:02

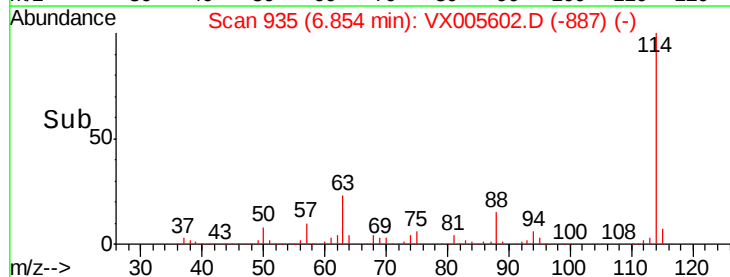
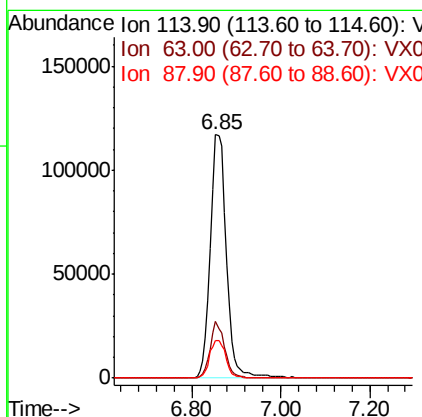
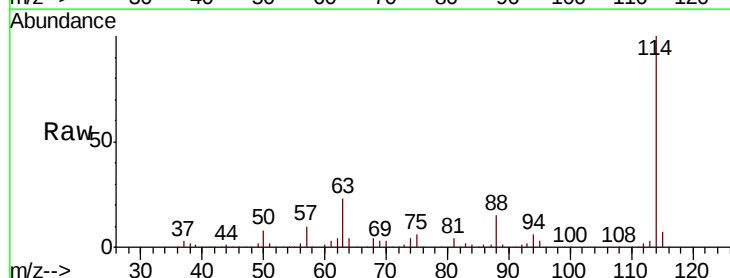
Instrument :
 MSVOA_X
 ClientSampleID :
 DL-06B

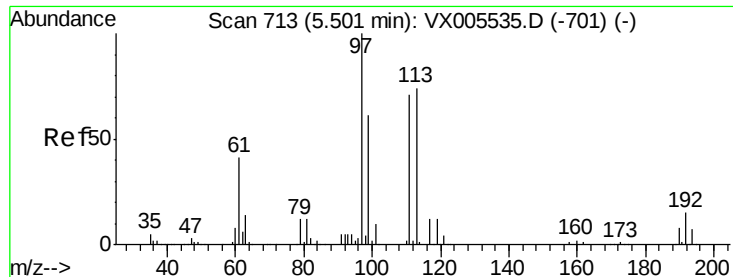
Tot Ion: 65 Resp: 124524
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005602.D
 Acq: 26 Oct 2018 14:02

Tgt Ion: 114 Resp: 293332
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 42.8
 88 15.4 0.0 31.2

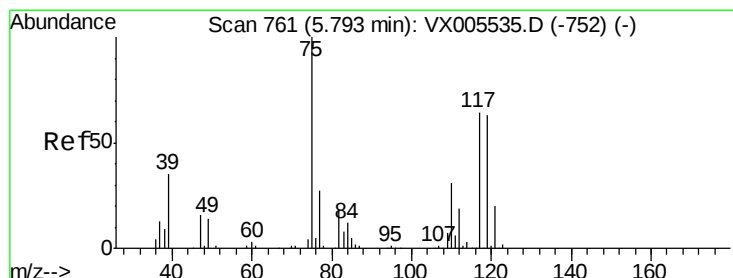
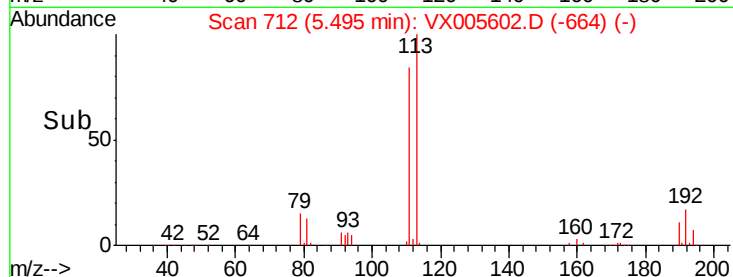
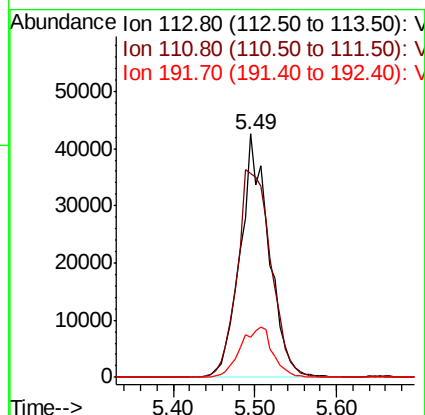
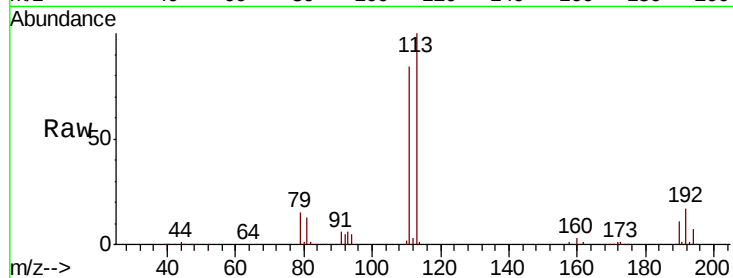




#35
 Dibromofluoromethane
 Concen: 52.141 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005602.D
 Acq: 26 Oct 2018 14:02

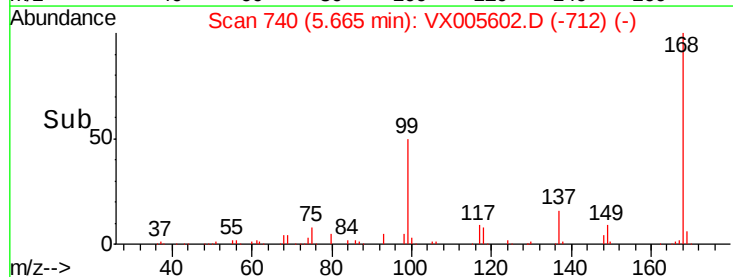
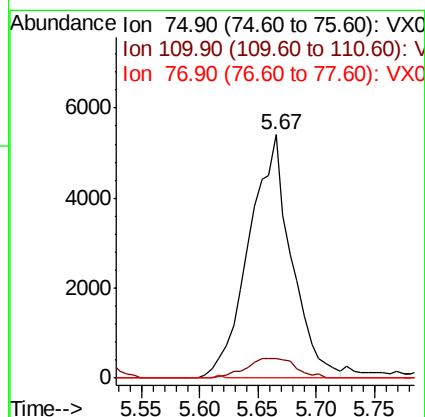
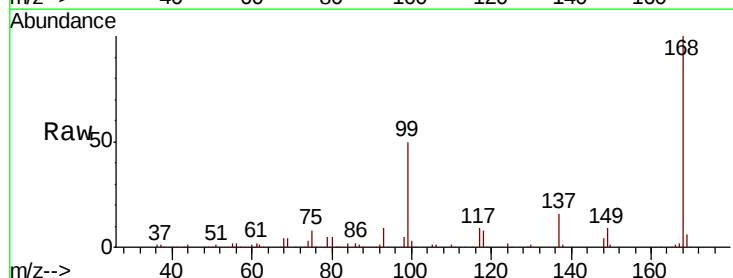
Instrument :
 MSVOA_X
 ClientSampled :
 DL-06B

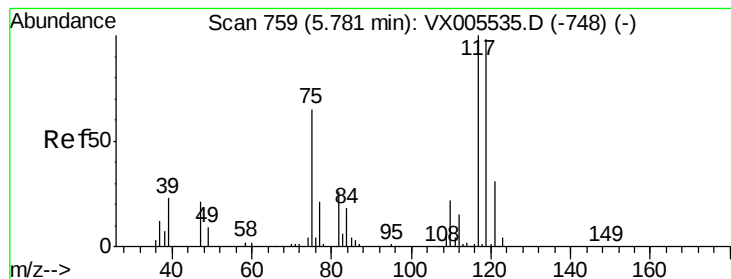
Tot Ion:113 Resp: 103563
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.3 123.5
 192 23.6 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 4.817 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005602.D
 Acq: 26 Oct 2018 14:02

Tgt Ion: 75 Resp: 13713
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.4 52.2#
 77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.061 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

DL-06B

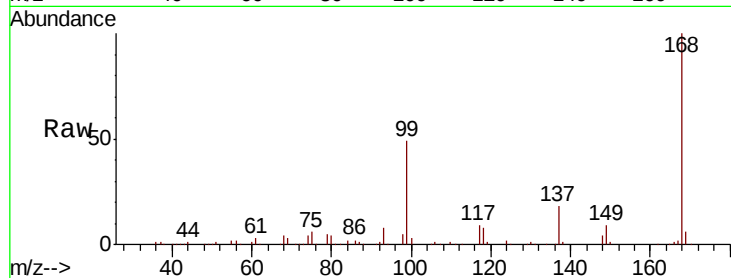
Tot Ion:117 Resp: 18171

Ion Ratio Lower Upper

117 100

119 6.5 78.1 117.1#

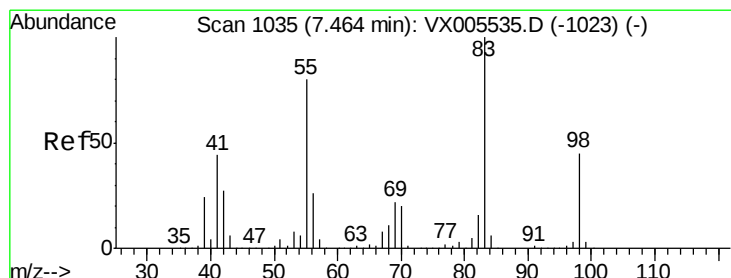
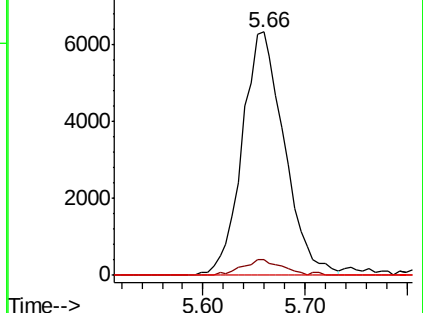
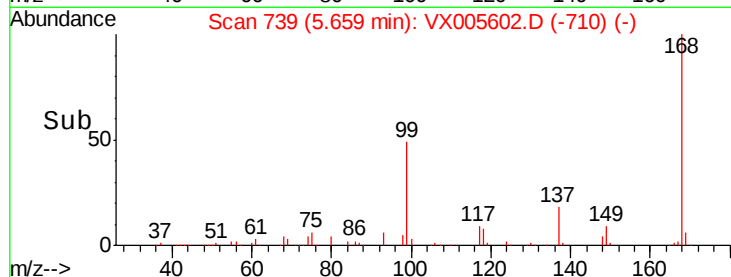
121 0.0 24.6 36.8#



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: 7.377 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

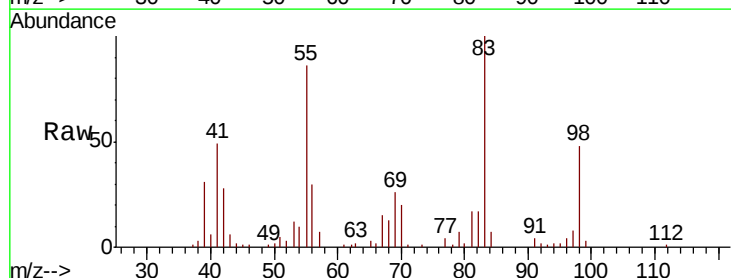
Tgt Ion: 83 Resp: 23189

Ion Ratio Lower Upper

83 100

55 86.3 63.7 95.5

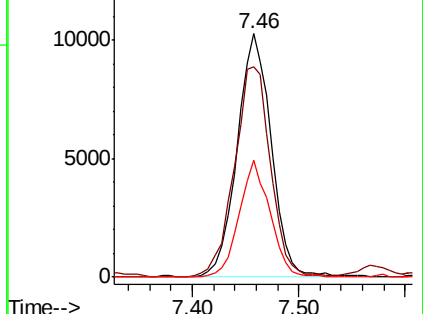
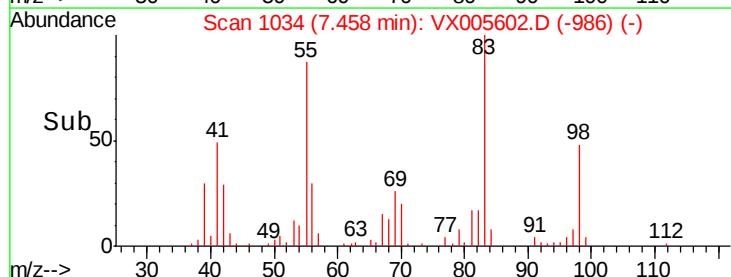
98 48.1 36.2 54.2

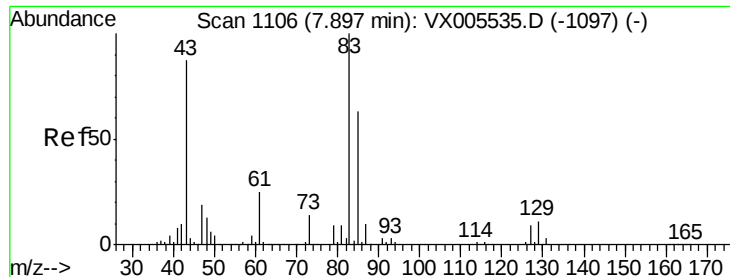


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#47

Bromodichloromethane

Concen: 0.214 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

DL-06B

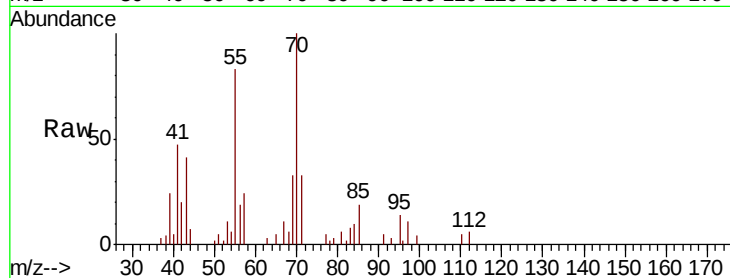
Tot Ion: 83 Resp: 588

Ion Ratio Lower Upper

83 100

85 239.0 50.2 75.4#

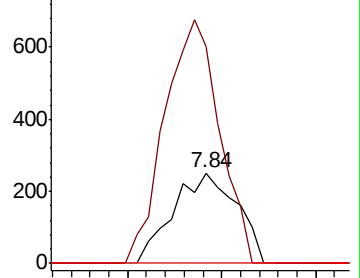
127 0.0 6.9 10.3#



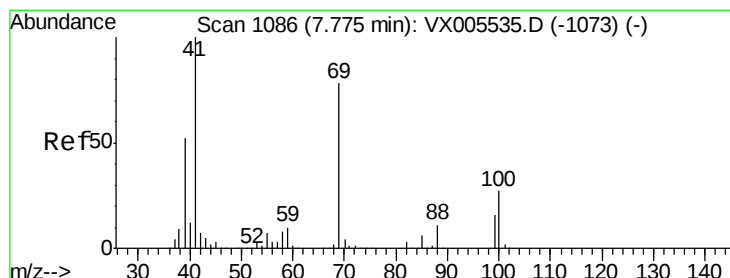
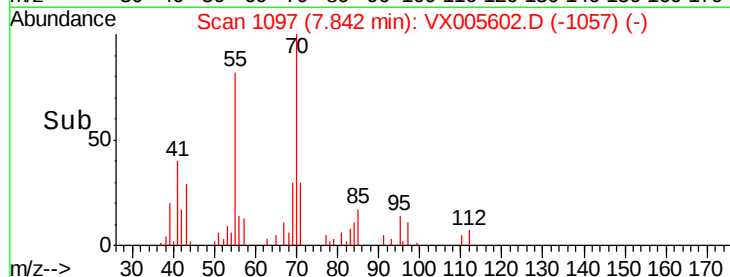
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



Time-->



#48

Methyl methacrylate

Concen: 0.503 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.05 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

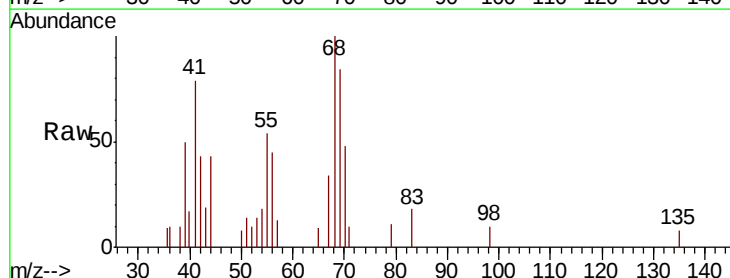
Tgt Ion: 41 Resp: 1333

Ion Ratio Lower Upper

41 100

69 97.7 63.2 94.8#

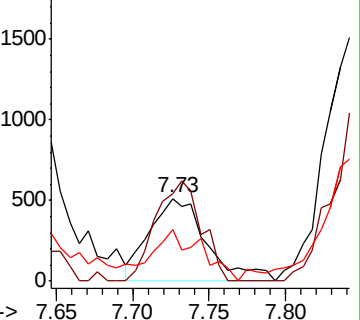
39 50.1 42.2 63.2



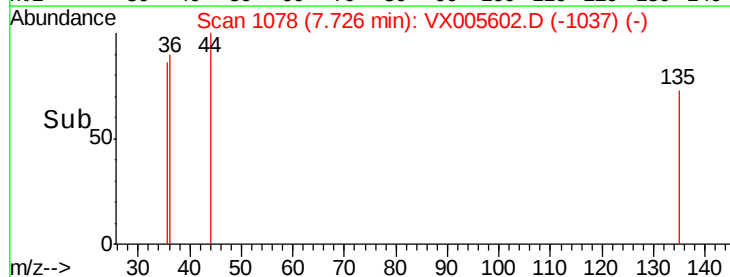
Abundance Ion 41.00 (40.70 to 41.70): VX0

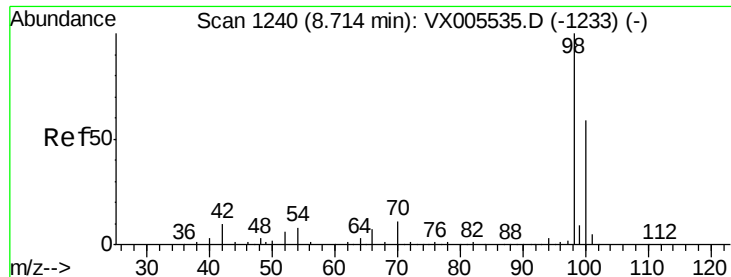
Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->





#50

Toluene-d8

Concen: 53.018 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampled :

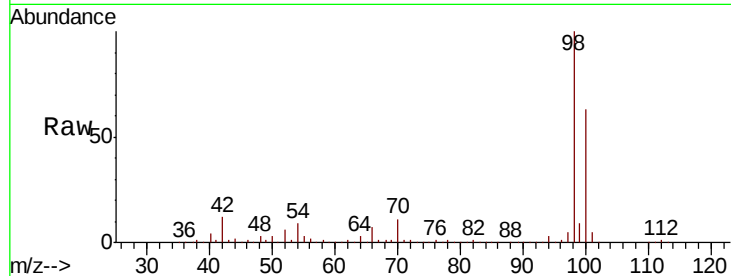
DL-06B

Tot Ion: 98 Resp: 378378

Ion Ratio Lower Upper

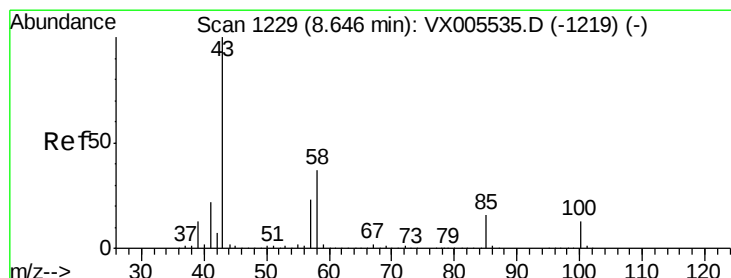
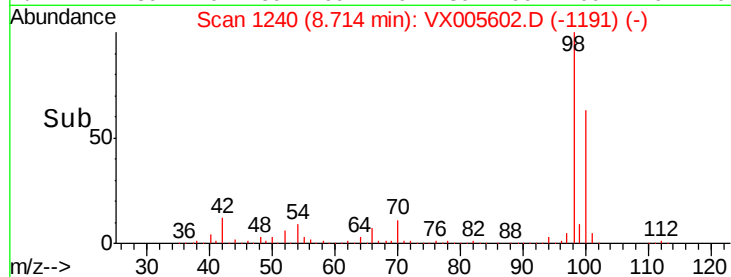
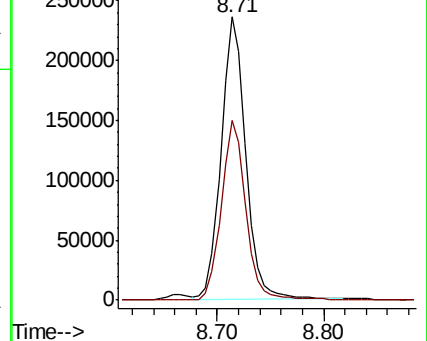
98 100

100 63.8 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 3.405 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX005602.D

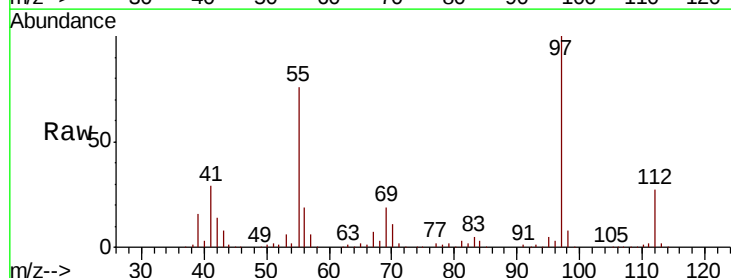
Acq: 26 Oct 2018 14:02

Tgt Ion: 43 Resp: 12455

Ion Ratio Lower Upper

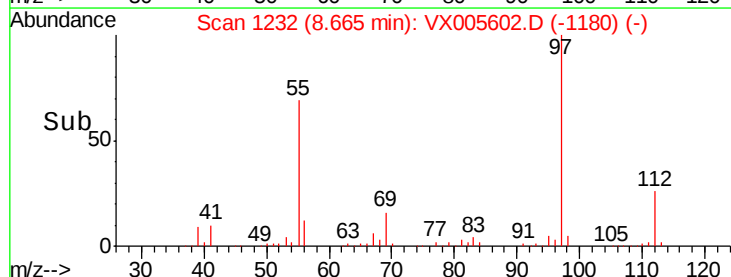
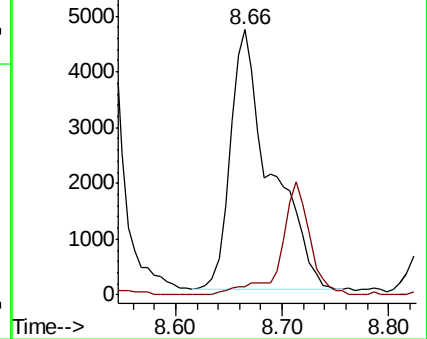
43 100

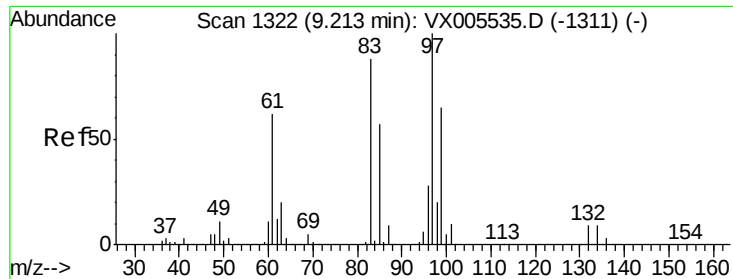
58 0.0 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#55

1,1,2-Trichloroethane

Concen: 17.095 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

DL-06B

Tot Ion: 97 Resp: 35744

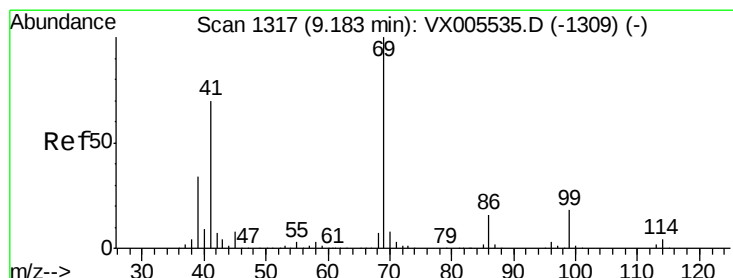
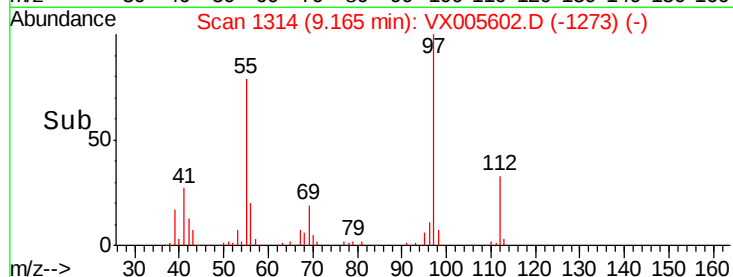
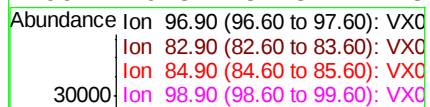
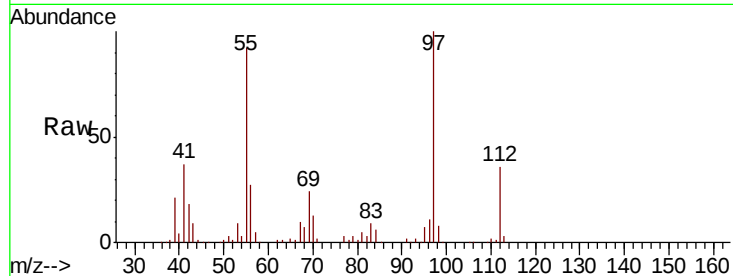
Ion Ratio Lower Upper

97 100

83 8.5 70.7 106.1#

85 0.4 45.8 68.6#

99 0.3 51.8 77.8#



#56

Ethyl methacrylate

Concen: 2.714 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

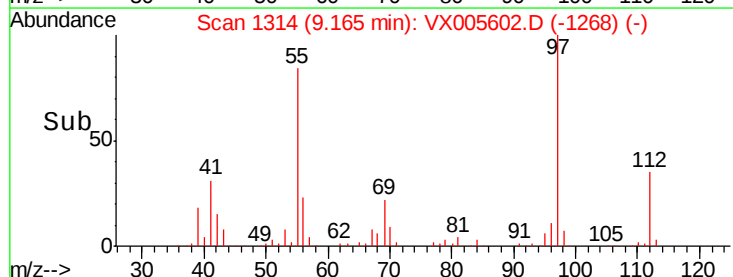
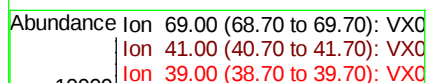
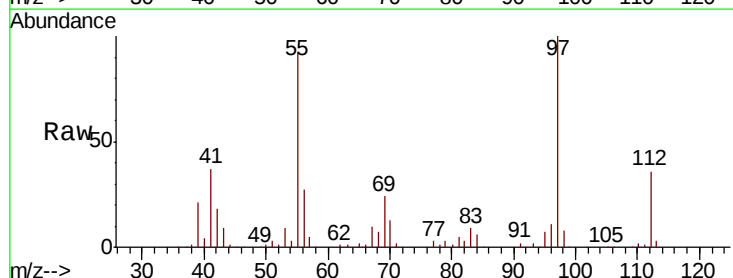
Tgt Ion: 69 Resp: 8464

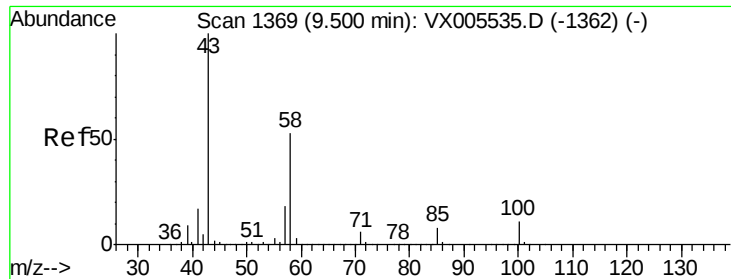
Ion Ratio Lower Upper

69 100

41 155.7 57.0 85.6#

39 89.9 28.3 42.5#

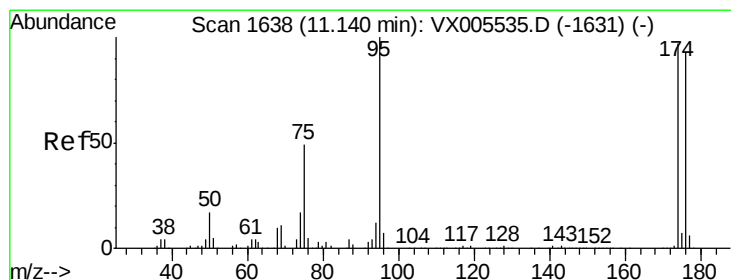
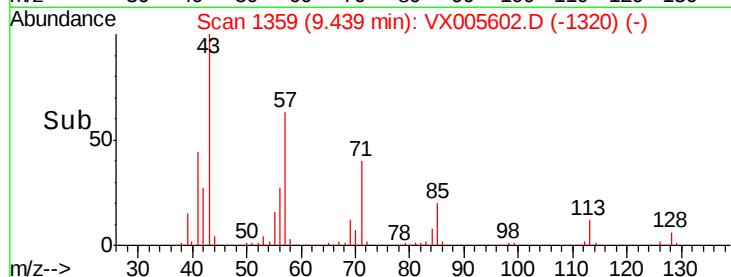
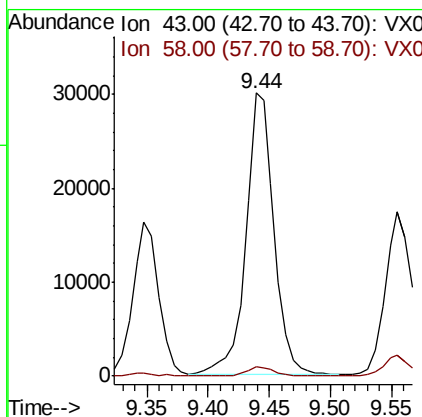
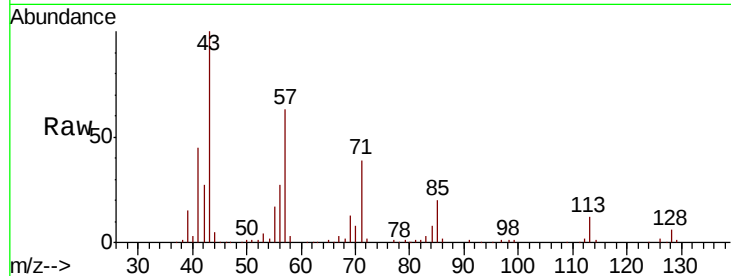




#59
2-Hexanone
Concen: 16.463 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.06 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

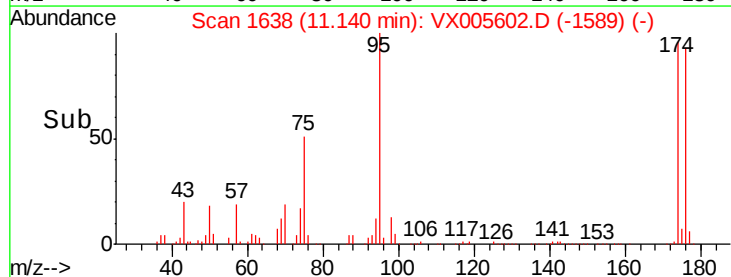
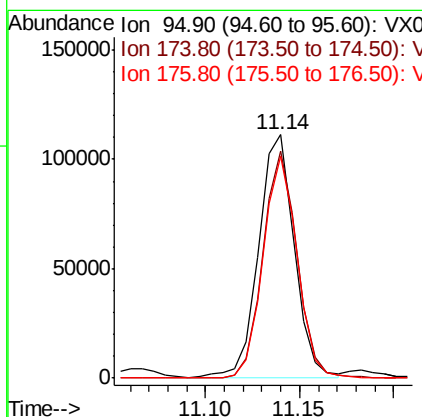
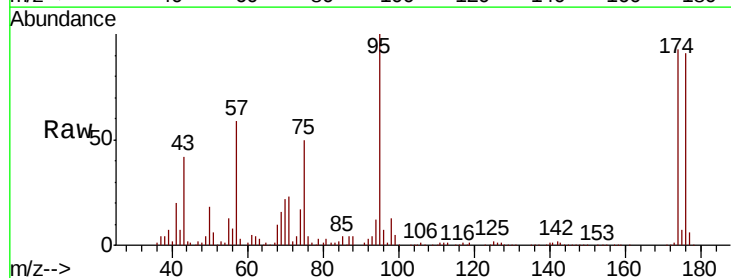
Instrument :
MSVOA_X
ClientSampleID :
DL-06B

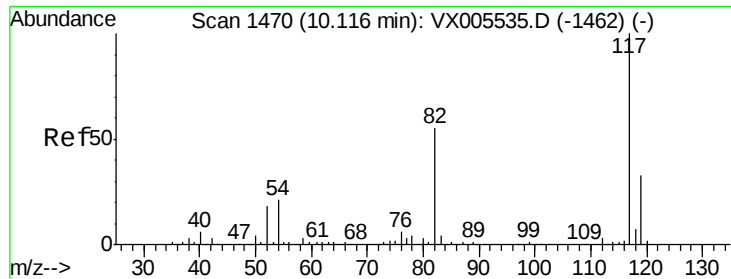
Tot Ion: 43 Resp: 47487
Ion Ratio Lower Upper
43 100
58 3.6 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 53.683 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Tgt Ion: 95 Resp: 144686
Ion Ratio Lower Upper
95 100
174 90.0 0.0 184.4
176 87.7 0.0 177.4

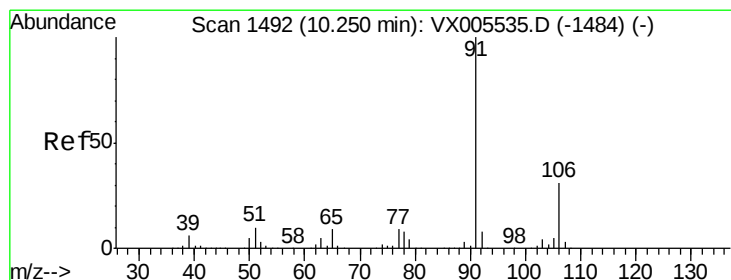
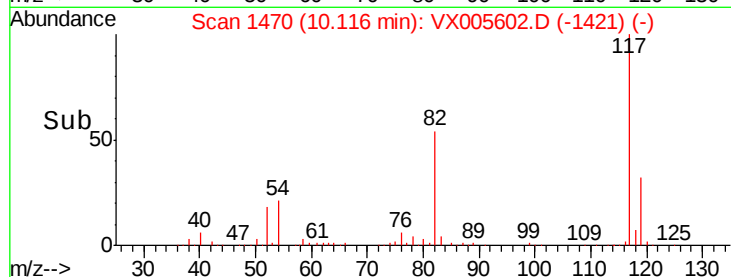
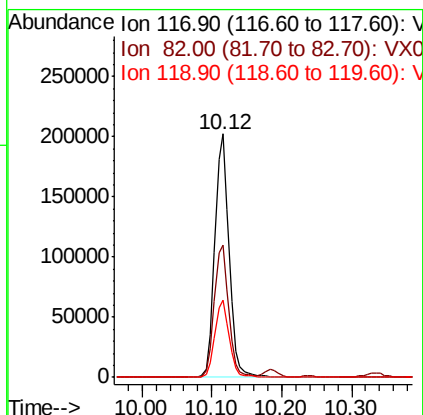
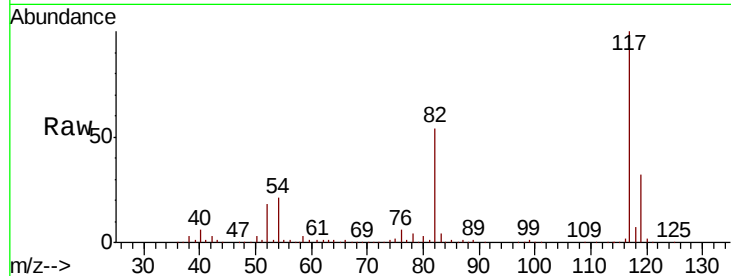




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

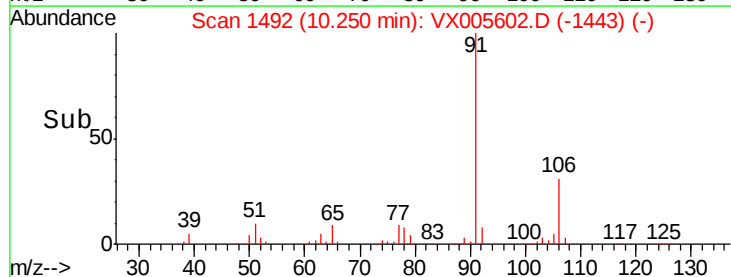
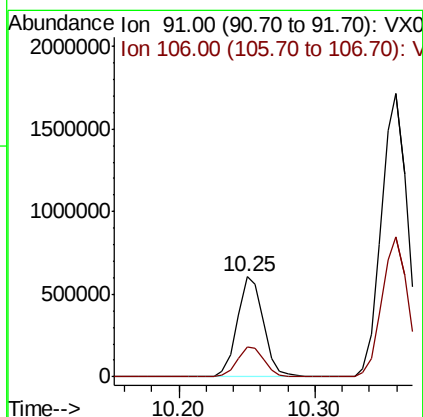
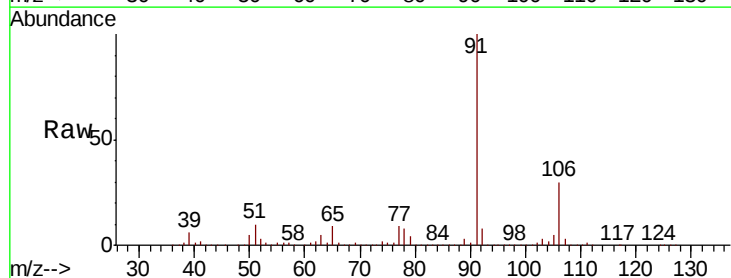
Instrument :
MSVOA_X
ClientSampled :
DL-06B

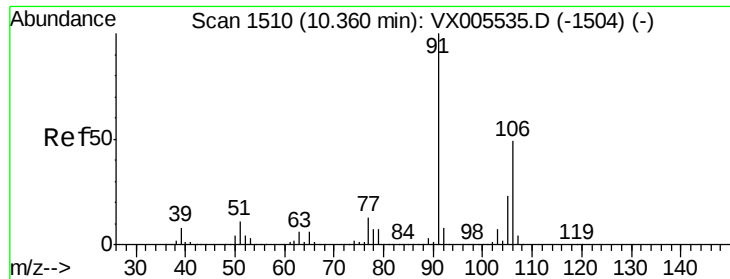
Tot Ion:117 Resp: 286731
Ion Ratio Lower Upper
117 100
82 54.2 44.1 66.1
119 31.6 26.2 39.2



#67
Ethyl Benzene
Concen: 81.064 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Tgt Ion: 91 Resp: 814344
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6

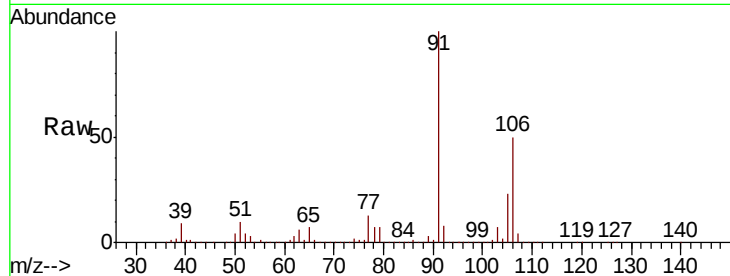




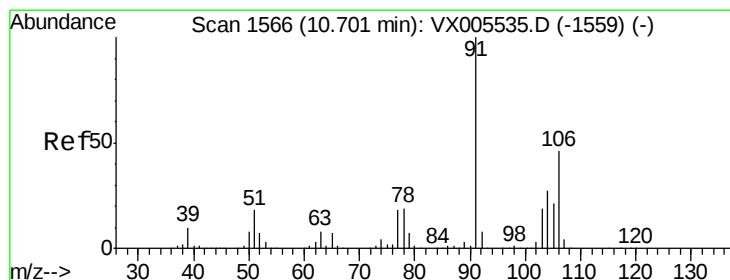
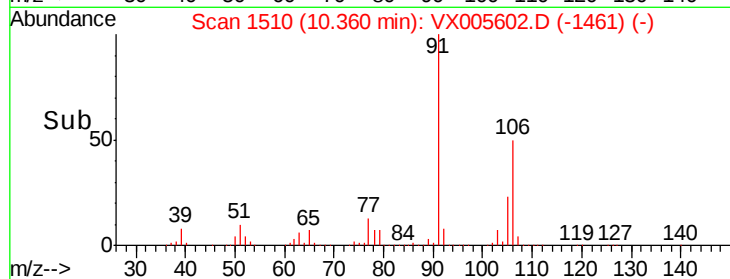
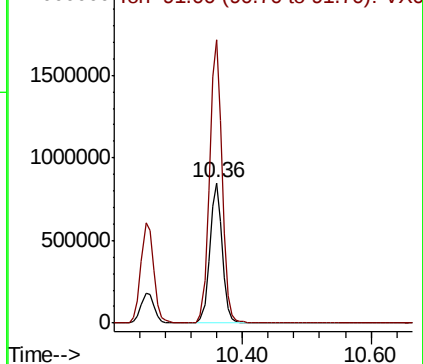
#68
m/p-Xvlenes
Concen: 292.090 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Instrument :
MSVOA_X
ClientSampled :
DL-06B

Tot Ion:106 Resp: 1138408
Ion Ratio Lower Upper
106 100
91 204.5 164.2 246.4

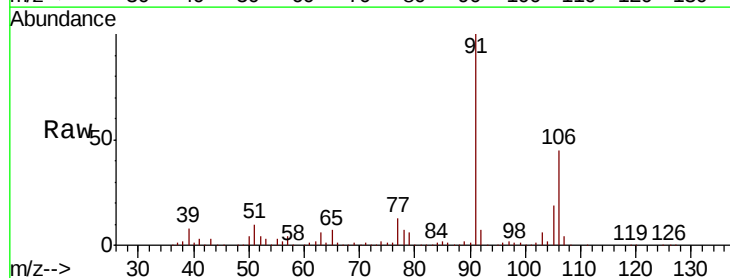


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

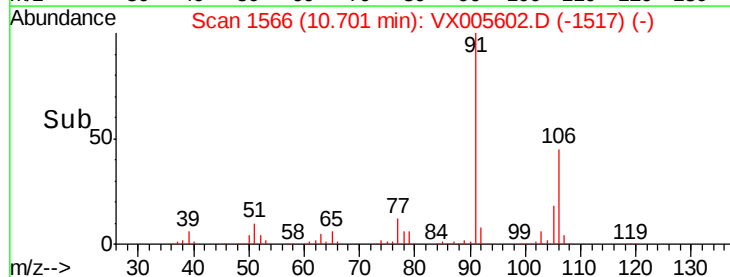
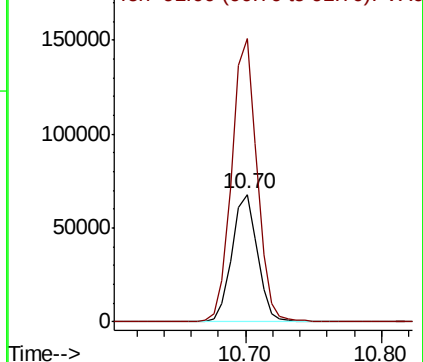


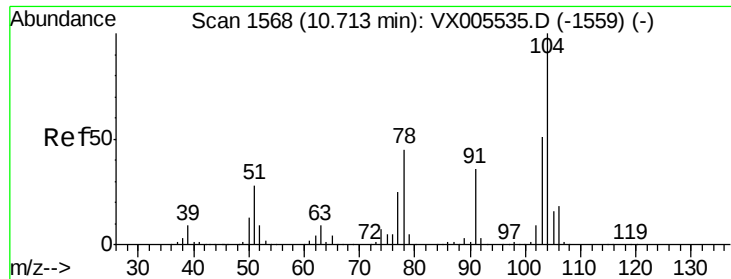
#69
o-Xylene
Concen: 24.204 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Tgt Ion:106 Resp: 88751
Ion Ratio Lower Upper
106 100
91 218.5 108.5 325.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

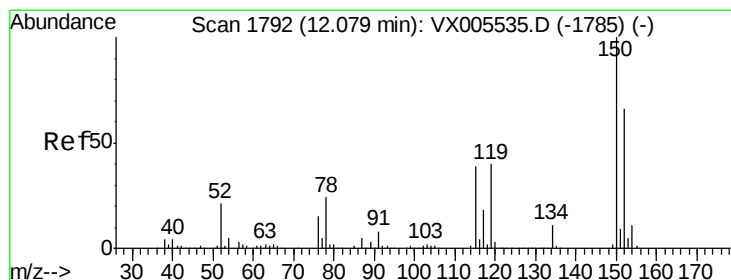
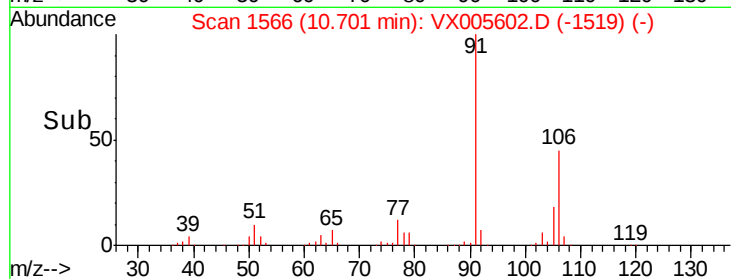
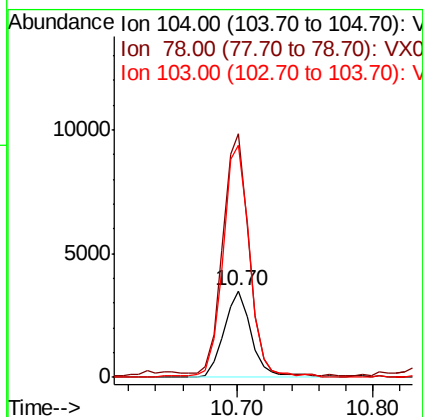
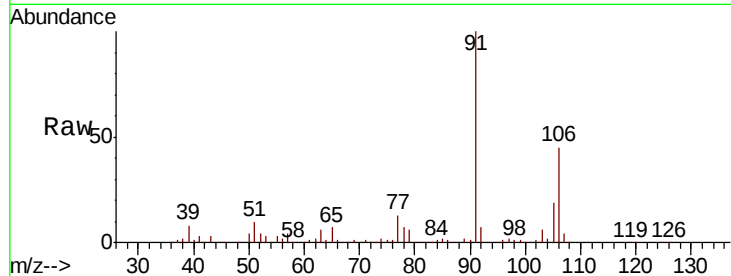




#70
Stvrene
Concen: 0.806 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

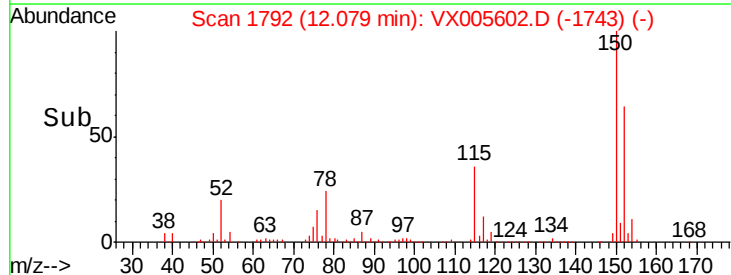
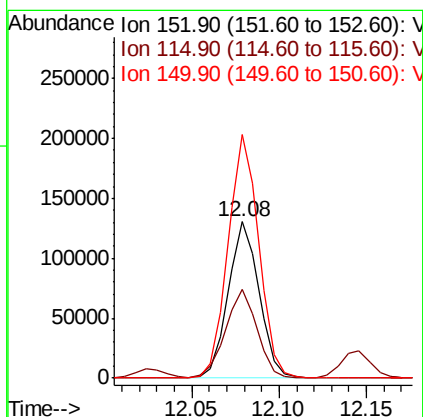
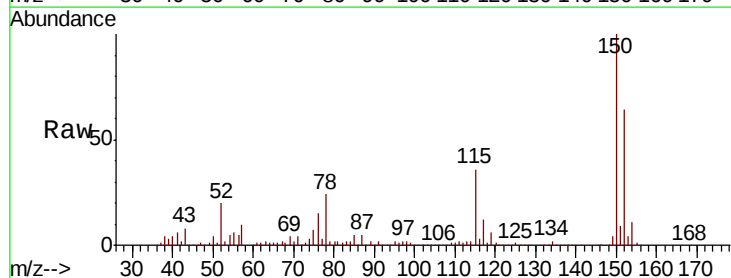
Instrument :
MSVOA_X
ClientSampled :
DL-06B

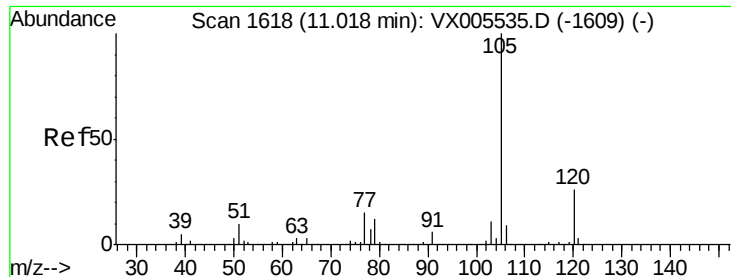
Tot Ion:104 Resp: 4949
Ion Ratio Lower Upper
104 100
78 263.4 40.2 60.4#
103 259.6 44.9 67.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Tgt Ion:152 Resp: 158661
Ion Ratio Lower Upper
152 100
115 58.2 39.4 118.1
150 156.2 0.0 346.4





#73

Isopropylbenzene

Concen: 11.045 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

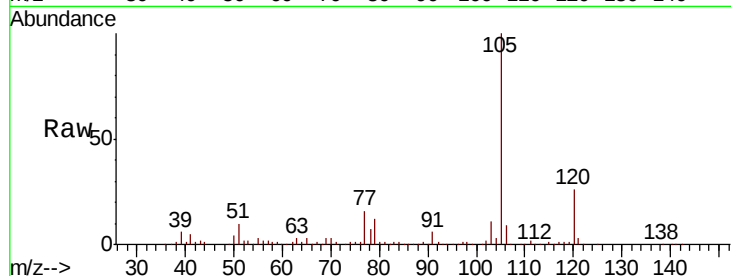
DL-06B

Tot Ion:105 Resp: 107120

Ion Ratio Lower Upper

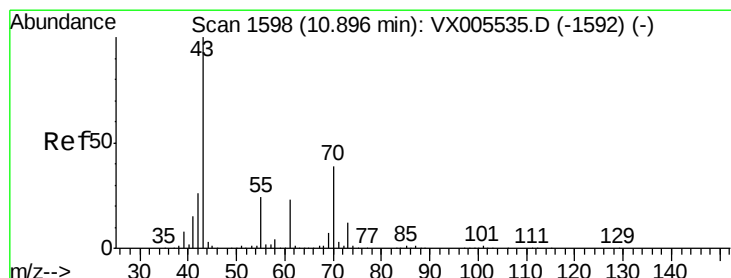
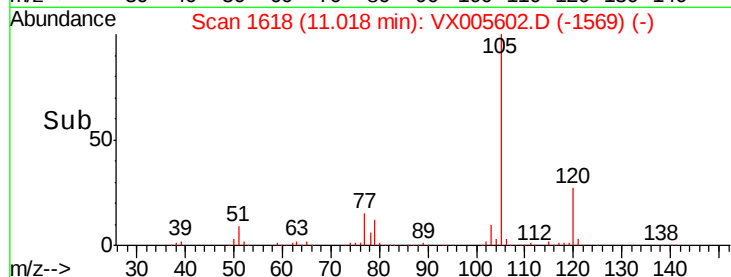
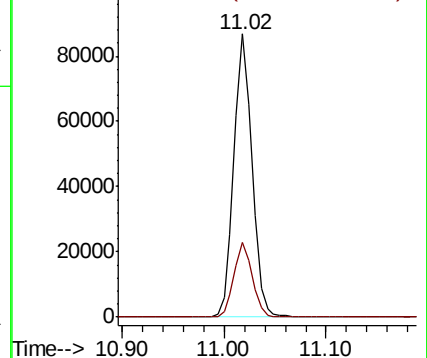
105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.789 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Tgt Ion: 43 Resp: 27822

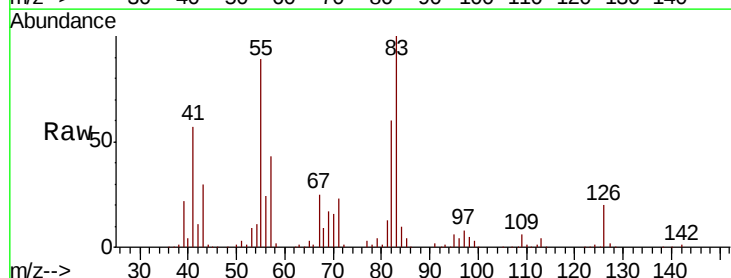
Ion Ratio Lower Upper

43 100

70 67.8 31.6 47.4#

55 265.9 19.7 29.5#

61 0.0 18.3 27.5#

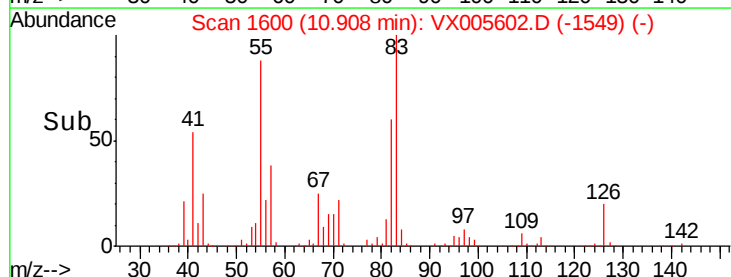
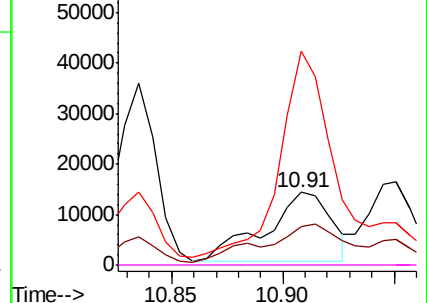


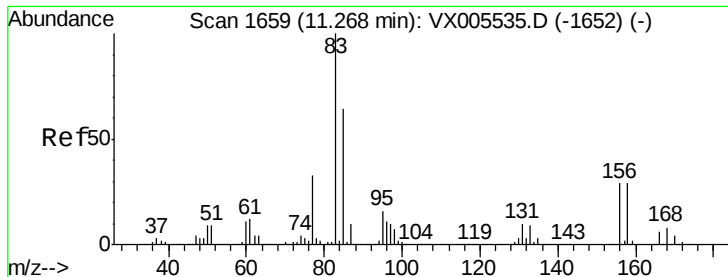
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.145 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

DL-06B

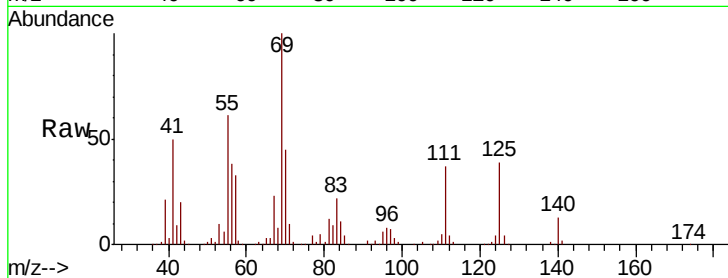
Tot Ion: 83 Resp: 14830

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

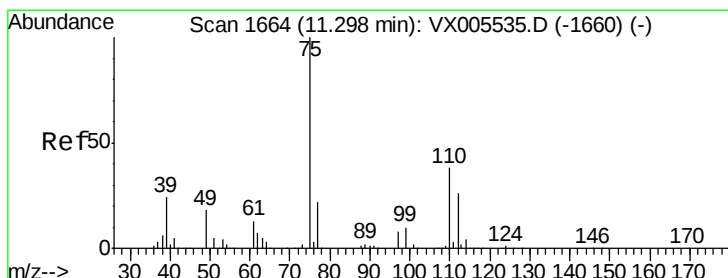
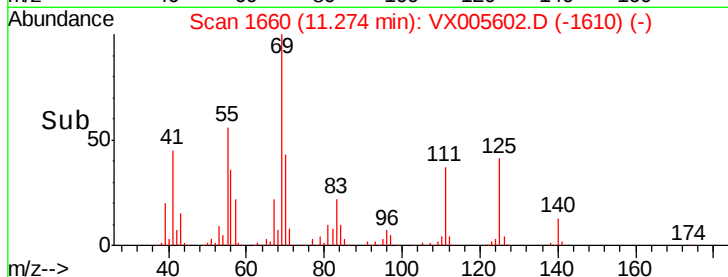
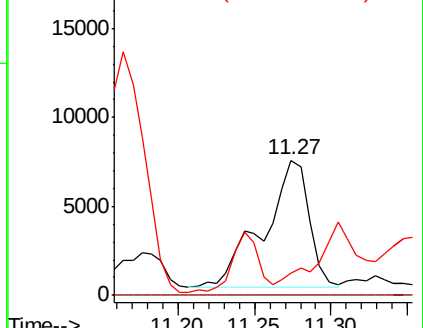
85 0.0 32.0 96.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 3.143 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.13 min

Lab File: VX005602.D

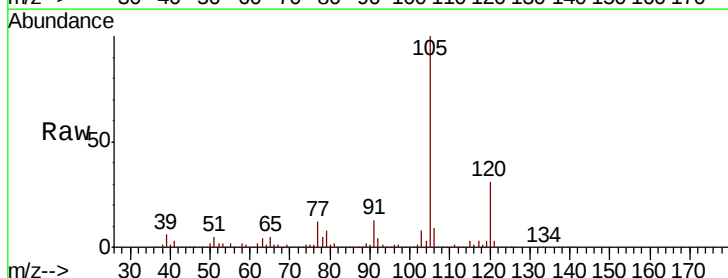
Acq: 26 Oct 2018 14:02

Tgt Ion: 75 Resp: 10567

Ion Ratio Lower Upper

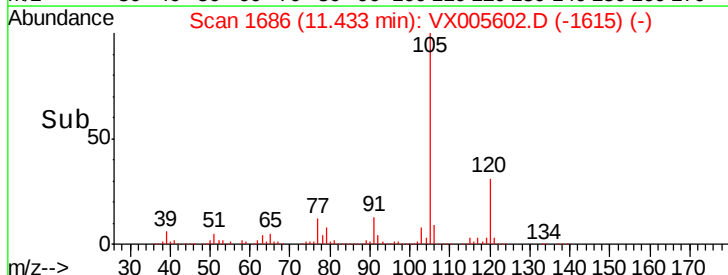
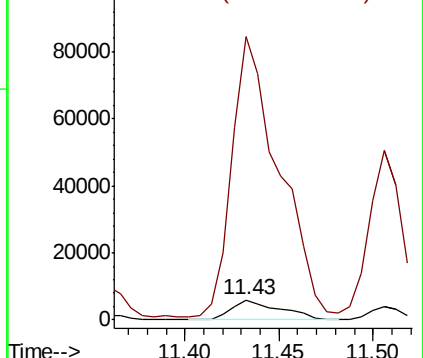
75 100

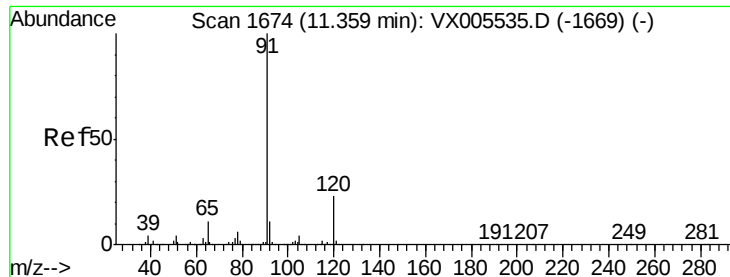
77 1399.8 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 28.232 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

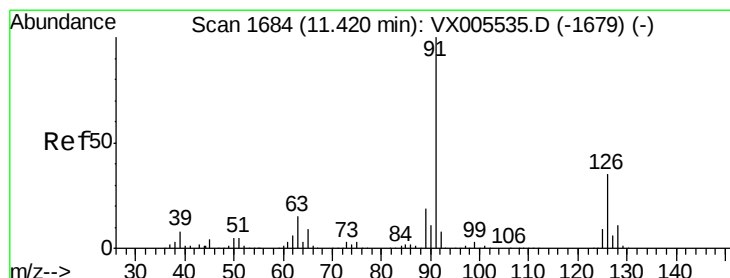
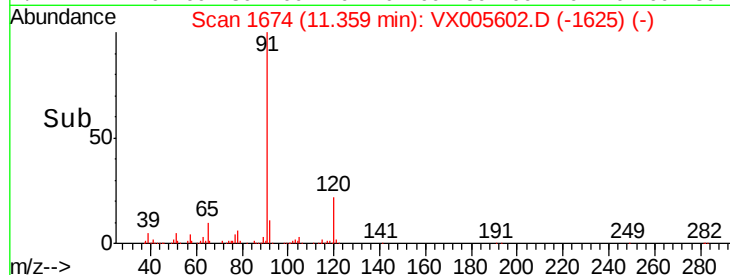
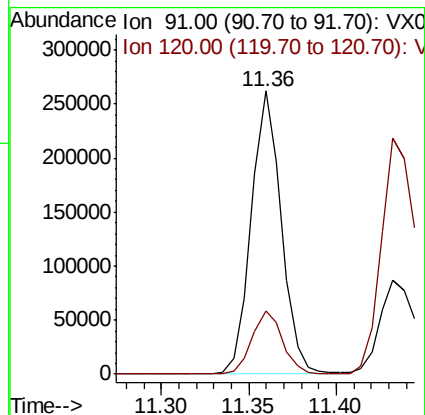
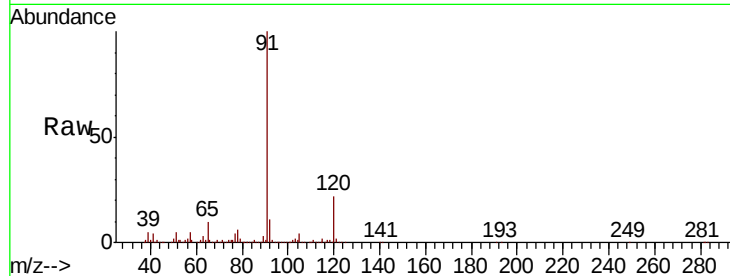
DL-06B

Tot Ion: 91 Resp: 313093

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.5



#79

2-Chlorotoluene

Concen: 22.227 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX005602.D

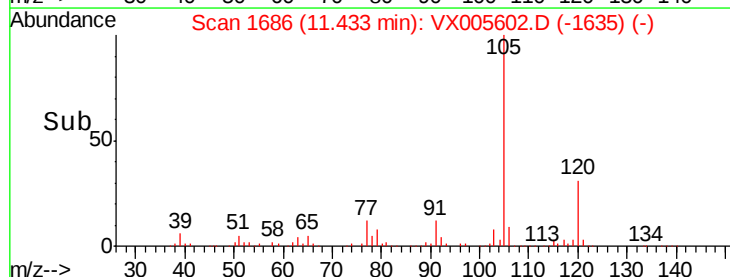
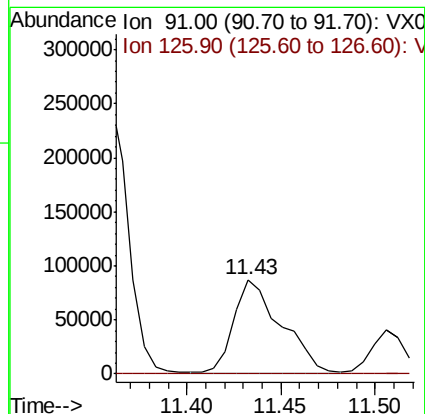
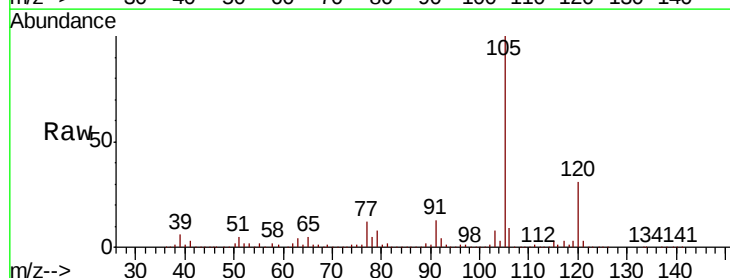
Acq: 26 Oct 2018 14:02

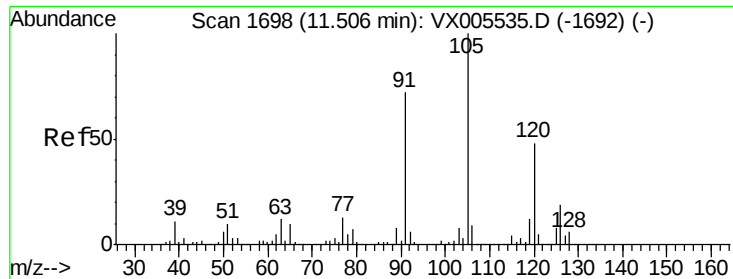
Tgt Ion: 91 Resp: 152836

Ion Ratio Lower Upper

91 100

126 0.2 17.3 52.0#

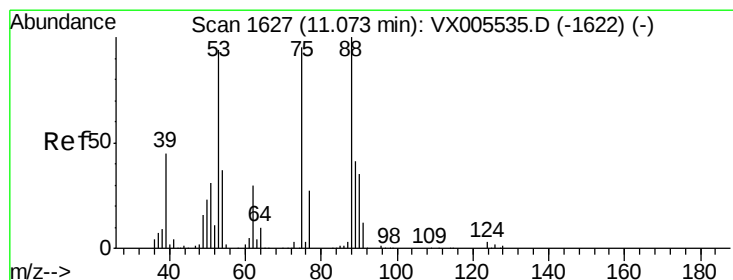
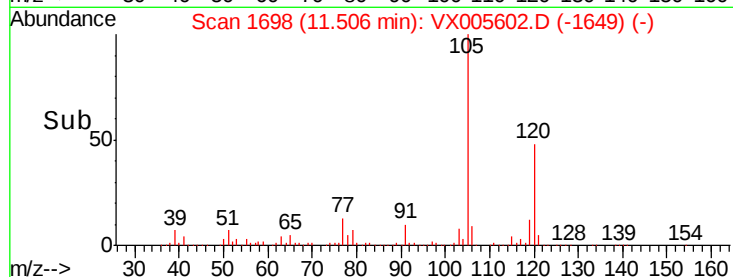
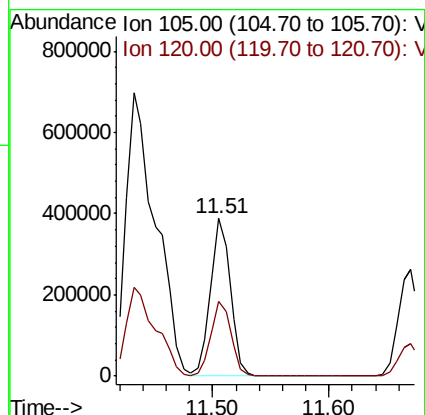
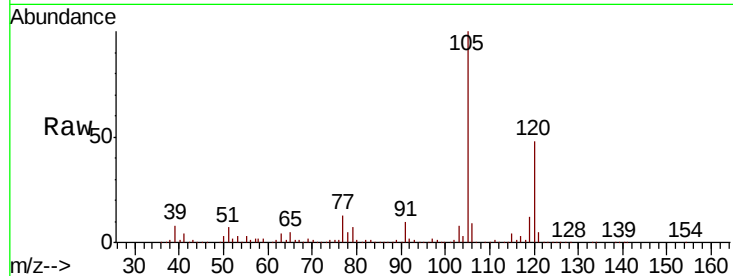




#80
 1,3,5-Trimethylbenzene
 Concen: 55.337 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005602.D
 Acq: 26 Oct 2018 14:02

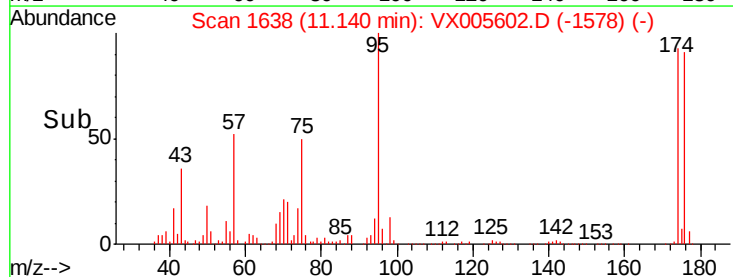
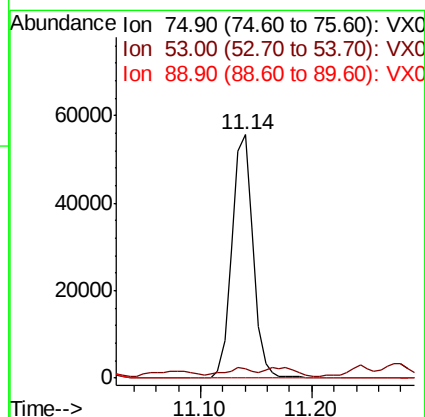
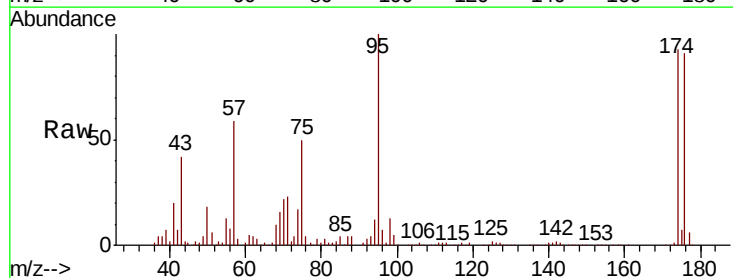
Instrument :
 MSVOA_X
 ClientSampleId :
 DL-06B

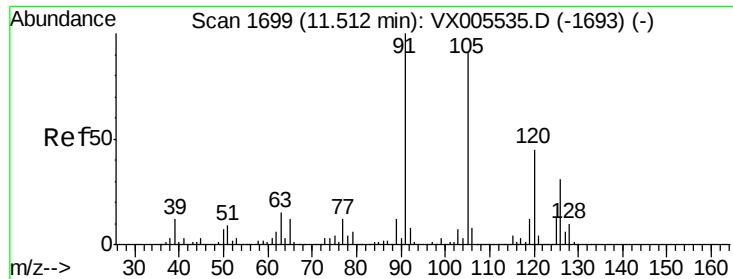
Tot Ion:105 Resp: 459119
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.996 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX005602.D
 Acq: 26 Oct 2018 14:02

Tgt Ion: 75 Resp: 73041
 Ion Ratio Lower Upper
 75 100
 53 4.5 80.2 120.2#
 89 0.0 39.8 59.8#





#82

4-Chlorotoluene

Concen: 6.017 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampled :

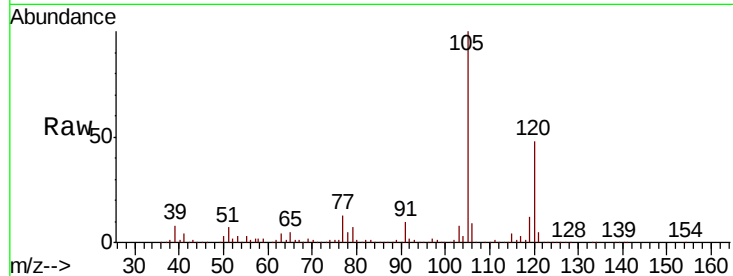
DL-06B

Tot Ion: 91 Resp: 48789

Ion Ratio Lower Upper

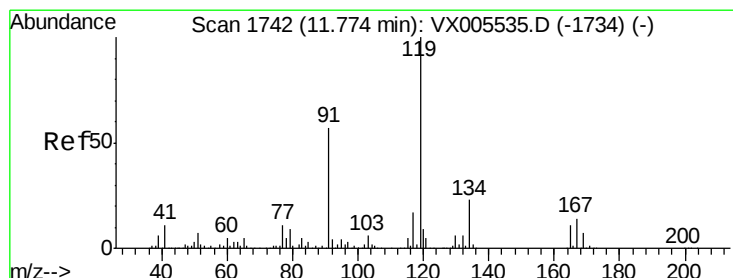
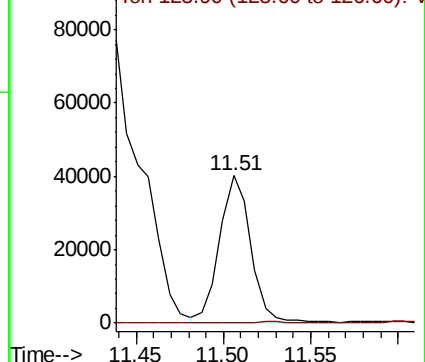
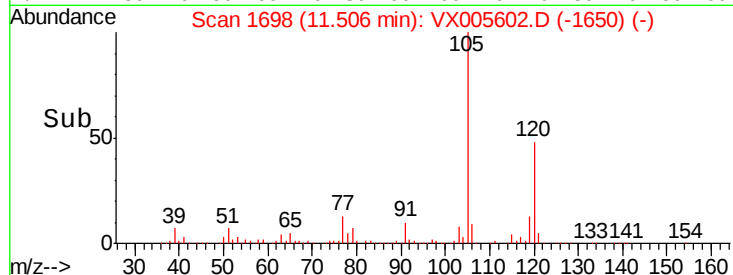
91 100

126 0.4 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 21.481 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

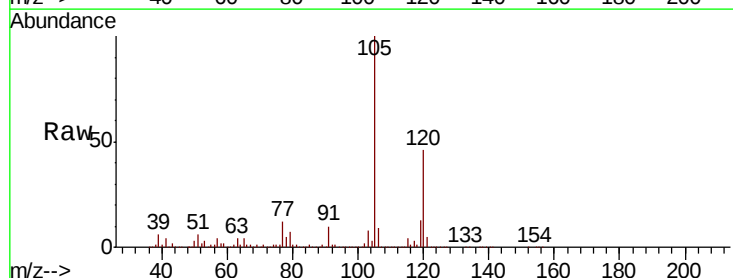
Tgt Ion: 119 Resp: 177653

Ion Ratio Lower Upper

119 100

91 86.0 28.5 85.5#

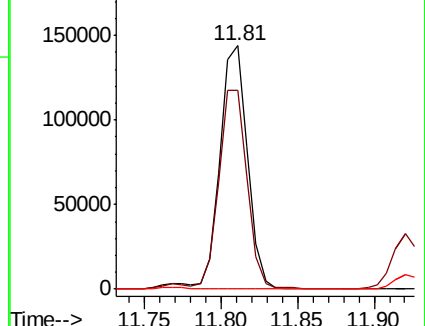
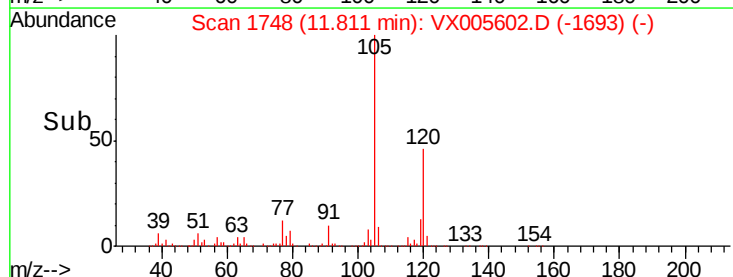
134 0.0 11.3 33.8#

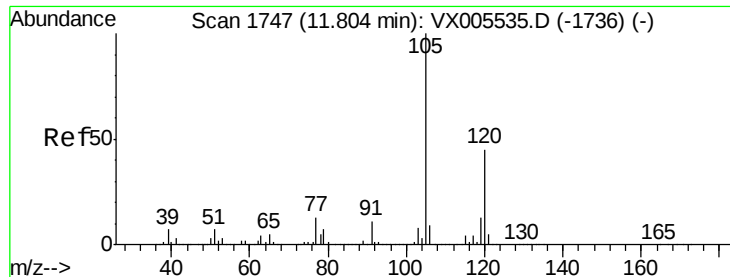


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 170.577 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampled :

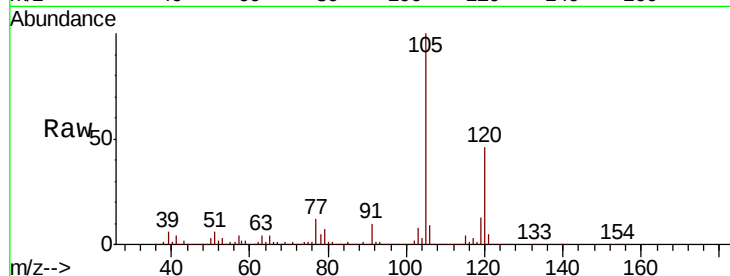
DL-06B

Tot Ion:105 Resp: 1434331

Ion Ratio Lower Upper

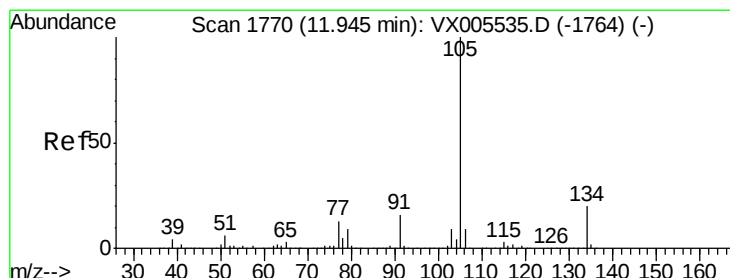
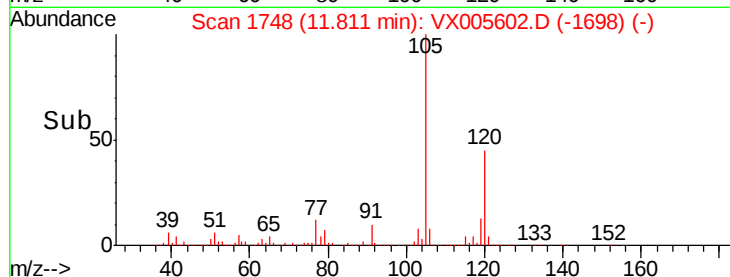
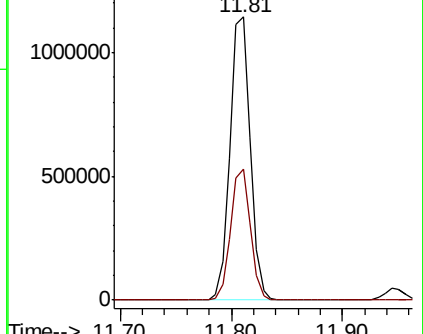
105 100

120 45.4 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 6.085 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005602.D

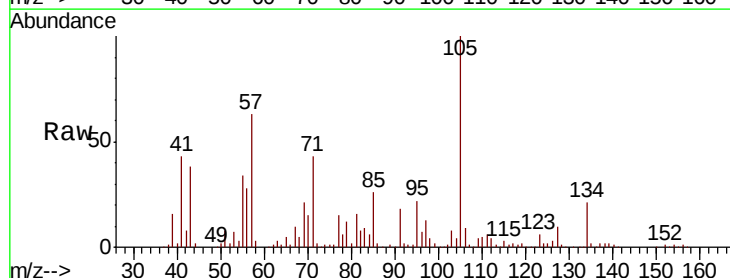
Acq: 26 Oct 2018 14:02

Tgt Ion:105 Resp: 60051

Ion Ratio Lower Upper

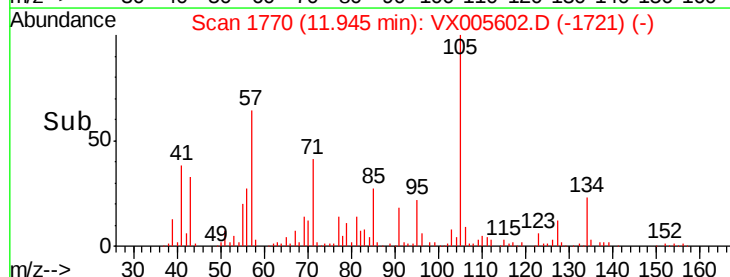
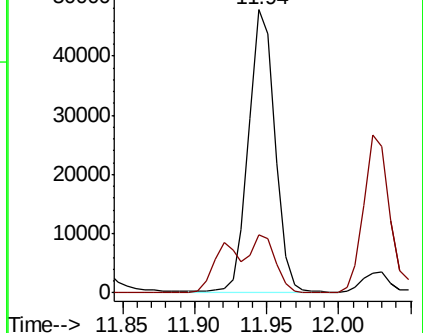
105 100

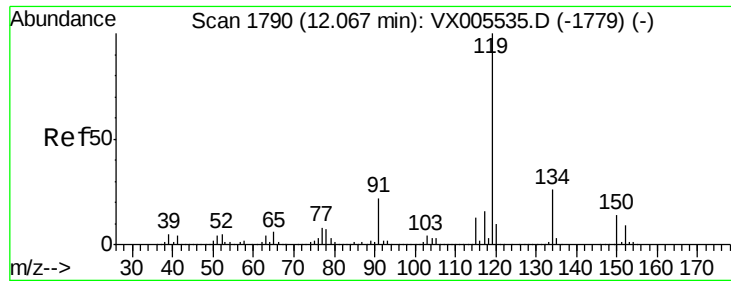
134 19.7 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

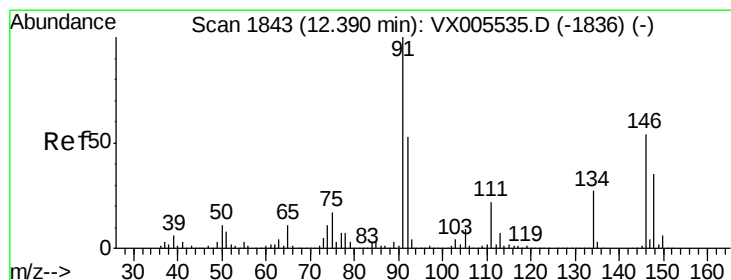
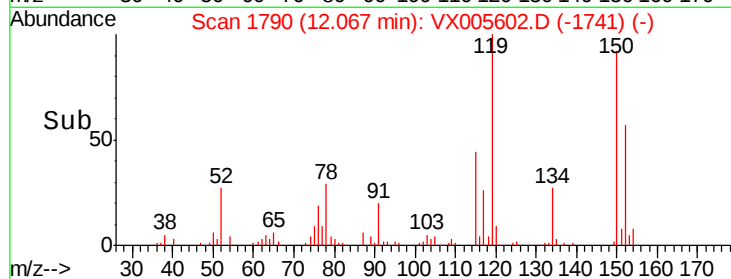
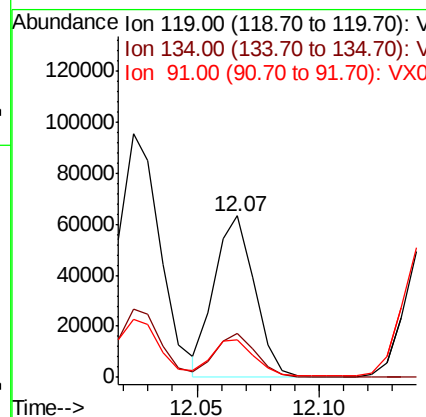
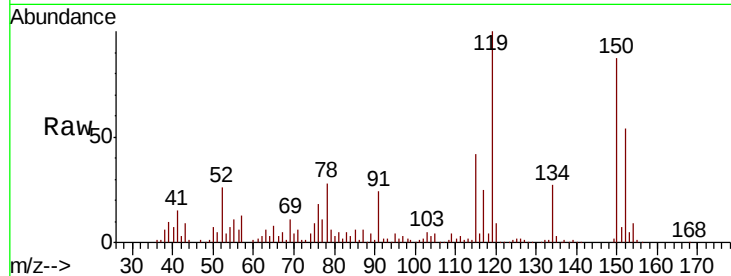




#86
p-Isopropyltoluene
Concen: 8.200 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

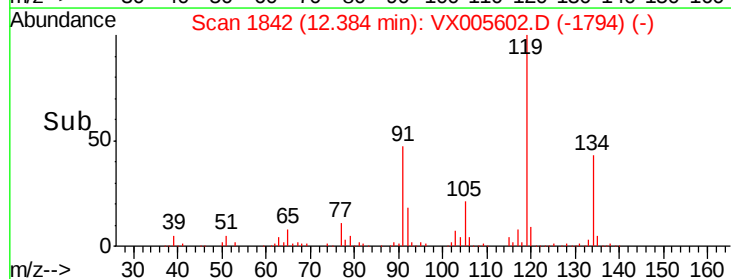
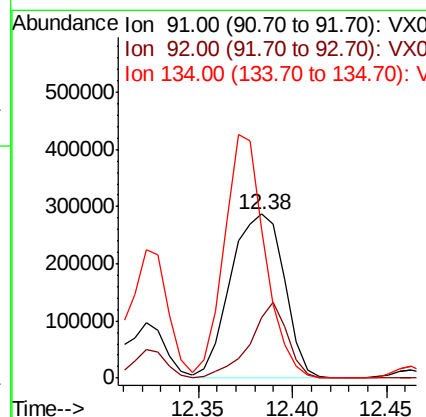
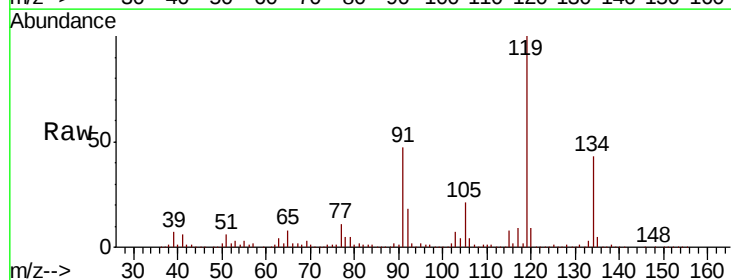
Instrument :
MSVOA_X
ClientSampled :
DL-06B

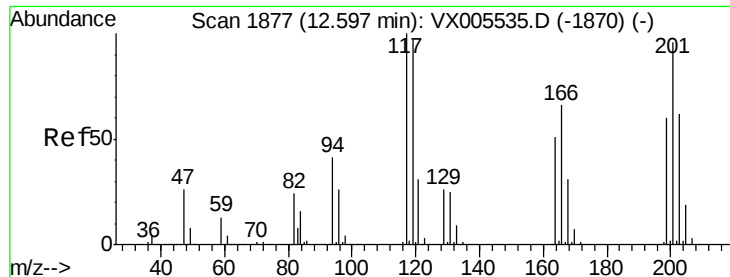
Tot Ion:119 Resp: 72336
Ion Ratio Lower Upper
119 100
134 27.4 13.0 39.0
91 24.0 11.4 34.2



#89
n-Butylbenzene
Concen: 70.764 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX005602.D
Acq: 26 Oct 2018 14:02

Tgt Ion: 91 Resp: 563568
Ion Ratio Lower Upper
91 100
92 32.3 26.1 78.2
134 113.0 13.1 39.3#





#90

Hexachloroethane

Concen: 64.196 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

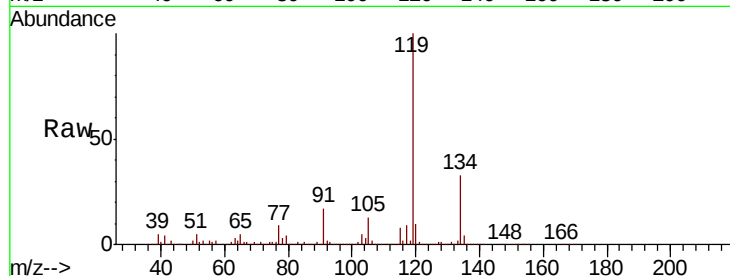
DL-06B

Tot Ion:117 Resp: 97675

Ion Ratio Lower Upper

117 100

201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

100000

80000

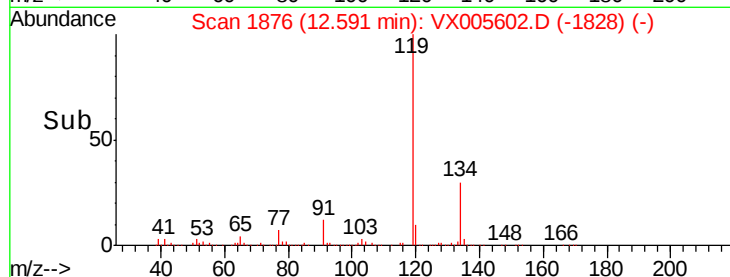
60000

40000

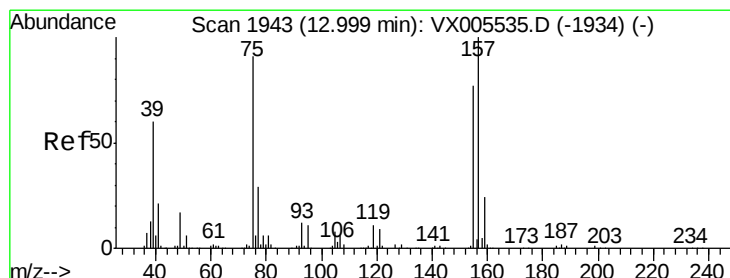
20000

0

12.54 12.56 12.58 12.60



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 13.595 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

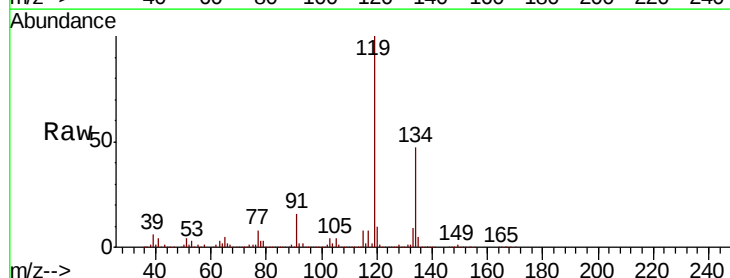
Tgt Ion: 75 Resp: 11762

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

157 0.0 57.4 172.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

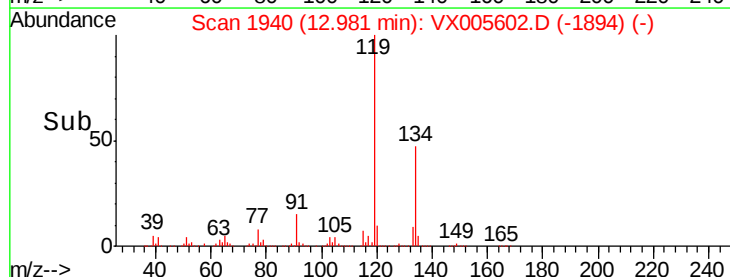
15000

10000

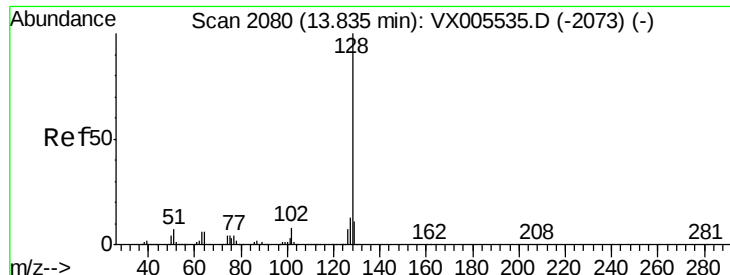
5000

0

12.90 12.95 13.00



Time-->



#95

Naphthalene

Concen: 186.955 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005602.D

Acq: 26 Oct 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

DL-06B

Tot Ion:128 Resp: 2025786

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.1 8.7 13.1

