

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120418\
 Data File : VX006276.D
 Acq On : 04 Dec 2018 14:15
 Operator : JC/MD
 Sample : J6141-01 200X
 Misc : 1.00µg/10mL/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GD

Quant Time: Dec 05 00:29:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	884184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1345212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1219064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	591782	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	435389	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	5.50	113	423605	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	8.71	98	1556714	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	575989	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds

						Qvalue
3) Chloromethane	1.30	50	3182	0.358	ug/l #	60
11) Tert butyl alcohol	3.02	59	1885	0.764	ug/l #	73
13) Acrolein	2.27	56	22472	16.656	ug/l #	1
14) Allyl chloride	2.84	41	157003	9.934	ug/l #	81
15) Acrylonitrile	3.17	53	32012	6.215	ug/l #	40
16) Acetone	2.40	43	115588	27.288	ug/l #	53
18) Methyl Acetate	2.85	43	373042	26.334	ug/l #	53
19) Methyl tert-butyl Ether	3.20	73	9451	0.331	ug/l #	1
20) Methylene Chloride	2.87	84	2605	0.289	ug/l #	1
23) Vinyl Acetate	3.75	43	8009	0.380	ug/l #	70
31) Cyclohexane	5.58	56	538437	41.292	ug/l	99
36) 1,1-Dichloropropene	5.67	75	53379	4.712	ug/l #	48
38) Carbon Tetrachloride	5.67	117	78456	5.887	ug/l #	16
39) Methylcyclohexane	7.46	83	688864	46.848	ug/l	100
40) Benzene	6.15	78	859267	25.326	ug/l	98
41) Methacrylonitrile	5.06	41	1844	0.264	ug/l #	22
42) 1,2-Dichloroethane	6.15	62	6689	0.602	ug/l #	73
43) Isopropyl Acetate	6.46	43	14024	0.663	ug/l #	65
47) Bromodichloromethane	7.85	83	6148	0.510	ug/l #	71
48) Methyl methacrylate	7.73	41	56072	5.449	ug/l #	48
51) 4-Methyl-2-Pentanone	8.68	43	37260	3.026	ug/l #	56
52) Toluene	8.79	92	3403403	152.472	ug/l	98
53) t-1,3-Dichloropropene	8.79	75	35310	2.503	ug/l #	1
55) 1,1,2-Trichloroethane	9.26	97	4590	0.506	ug/l #	1
56) Ethyl methacrylate	9.16	69	21301	1.503	ug/l #	1
59) 2-Hexanone	9.44	43	27224	2.894	ug/l #	30
64) Tetrachloroethene	9.34	164	2362	0.257	ug/l #	88
67) Ethyl Benzene	10.25	91	1521827	35.358	ug/l	99
68) m/p-Xylenes	10.36	106	1981928	114.956	ug/l	100
69) o-Xylene	10.70	106	752996	44.217	ug/l	99
70) Styrene	10.70	104	38155	1.385	ug/l #	1
73) Isopropylbenzene	11.02	105	130566	3.195	ug/l	99
74) N-amyl acetate	10.91	43	6138	0.349	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	4067	0.311	ug/l #	27

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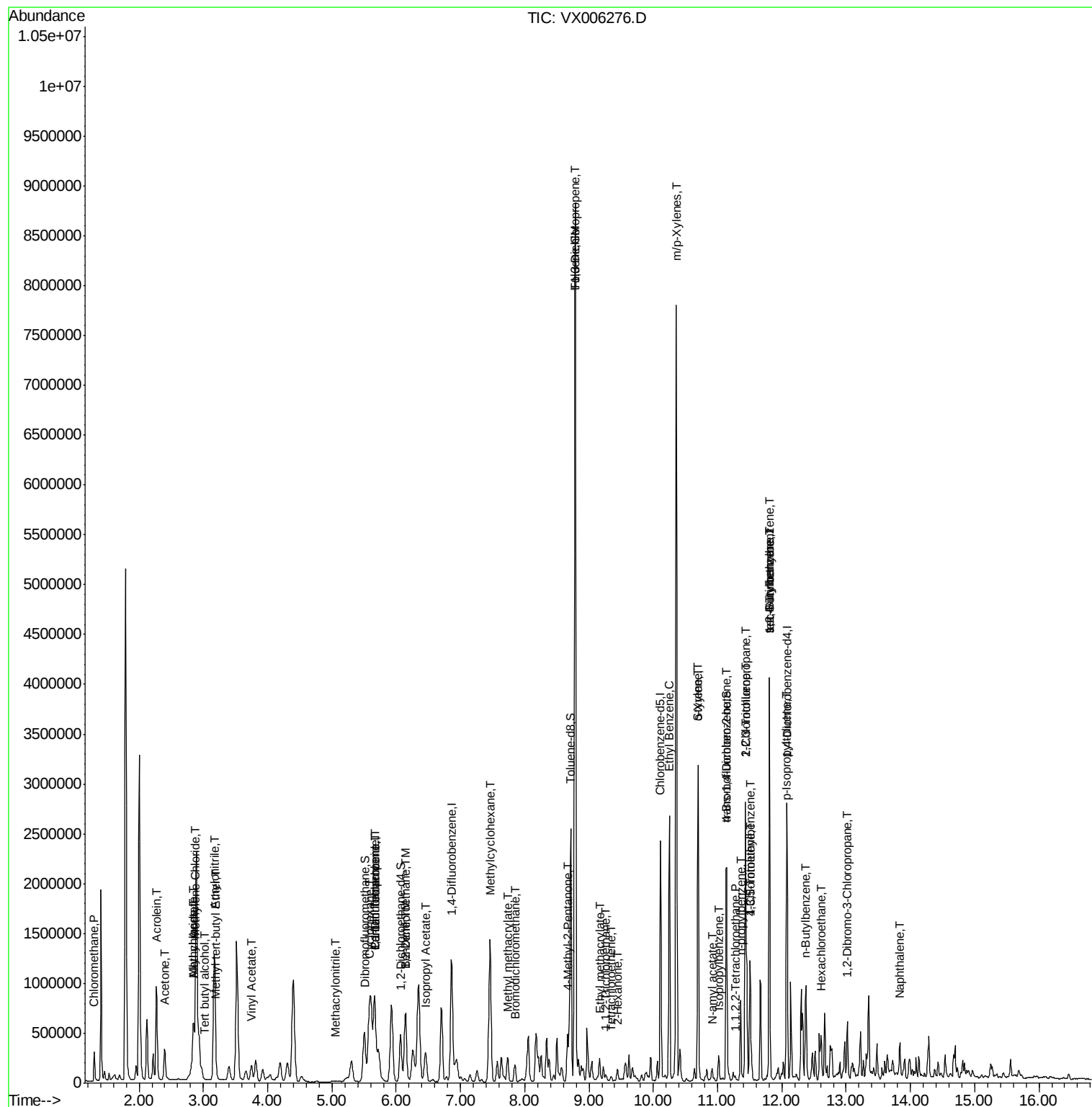
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.43	75	14480	1.268	ug/l #	1
78) n-propylbenzene	11.36	91	492914	10.850	ug/l	100
79) 2-Chlorotoluene	11.43	91	221115	8.189	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	517624	15.223	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	259505	53.315	ug/l #	15
82) 4-Chlorotoluene	11.51	91	52993	1.688	ug/l #	44
83) tert-Butylbenzene	11.80	119	220433	6.076	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.80	105	1826054	52.008	ug/l	100
85) sec-Butylbenzene	11.80	105	1826034	44.242	ug/l #	54
86) p-Isopropyltoluene	12.07	119	28910	0.778	ug/l	97
89) n-Butylbenzene	12.38	91	152287	4.802	ug/l #	33
90) Hexachloroethane	12.61	117	16162	2.134	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1399	0.417	ug/l #	1
95) Naphthalene	13.83	128	223064	4.908	ug/l	99

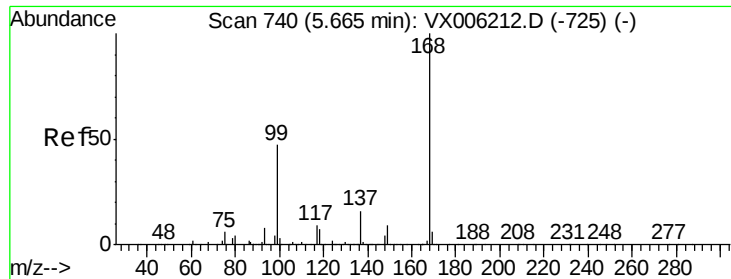
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

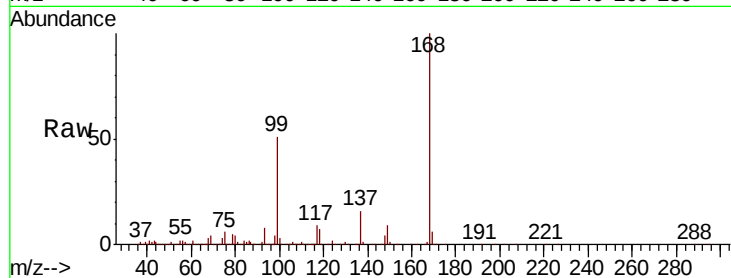
GD

Tot Ion:168 Resp: 884184

Ion Ratio Lower Upper

168 100

99 51.1 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

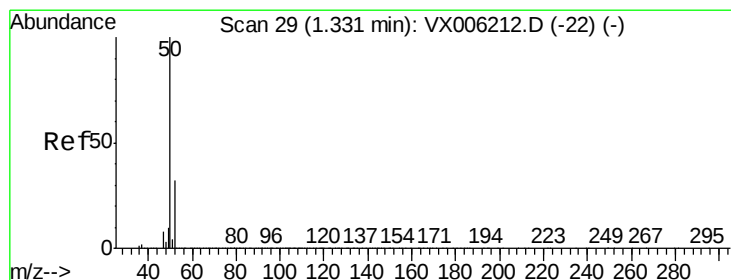
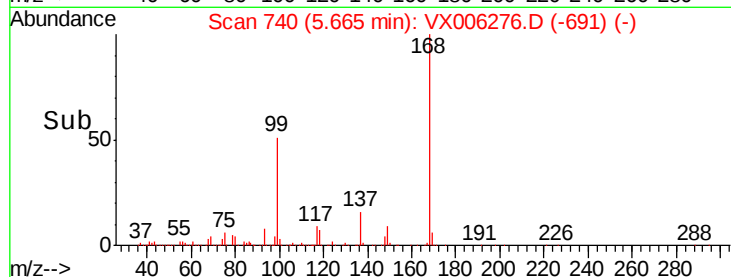
300000

200000

100000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.358 ug/l

RT: 1.30 min Scan# 24

Delta R.T. -0.03 min

Lab File: VX006276.D

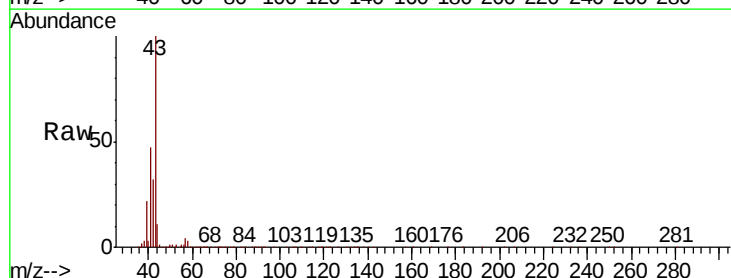
Acq: 04 Dec 2018 14:15

Tgt Ion: 50 Resp: 3182

Ion Ratio Lower Upper

50 100

52 9.2 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.30

2000

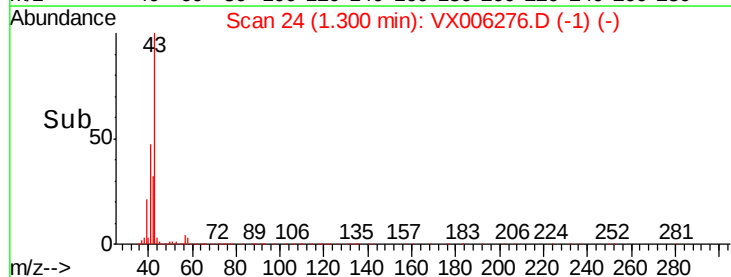
1500

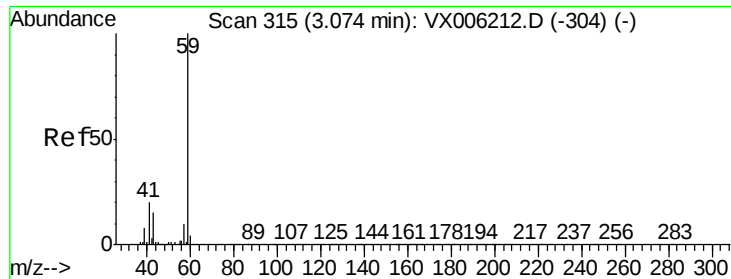
1000

500

0

Time--> 1.25 1.30 1.35

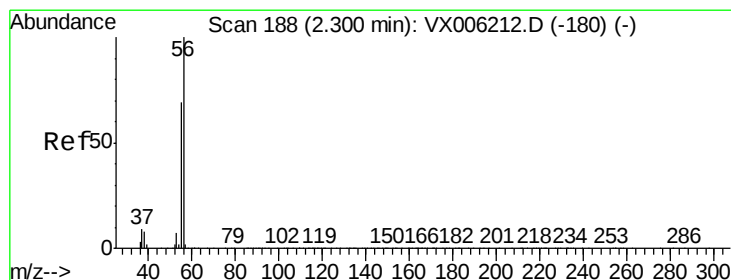
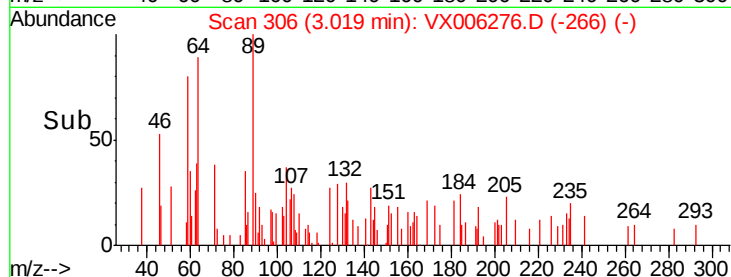
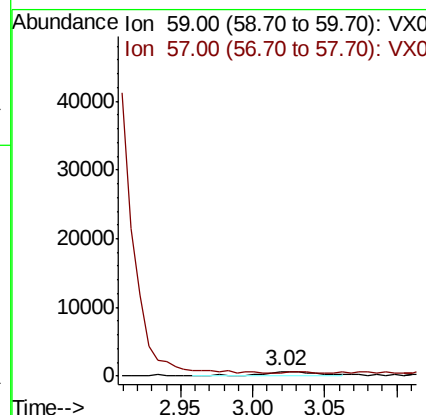
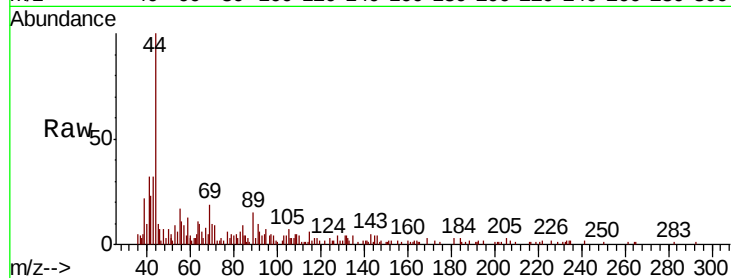




#11
Tert butyl alcohol
Concen: 0.764 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

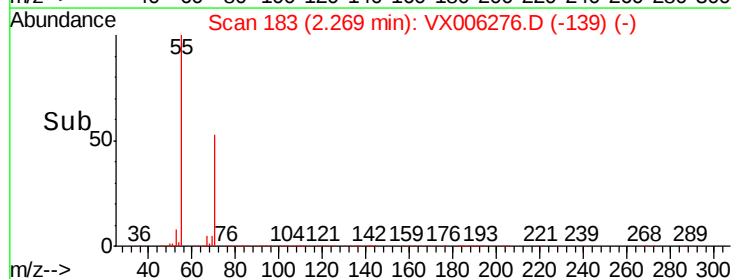
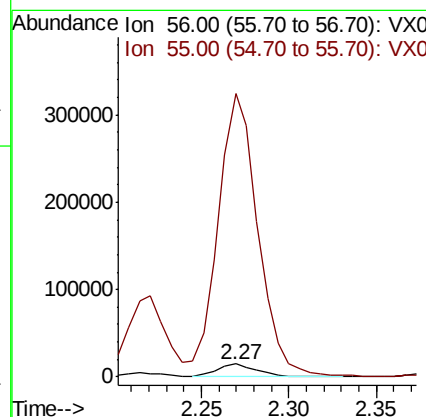
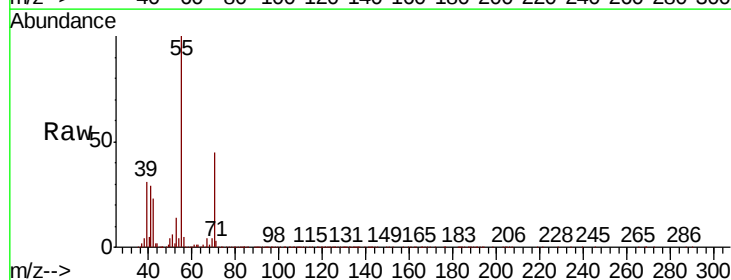
Instrument :
MSVOA_X
ClientSampled :
GD

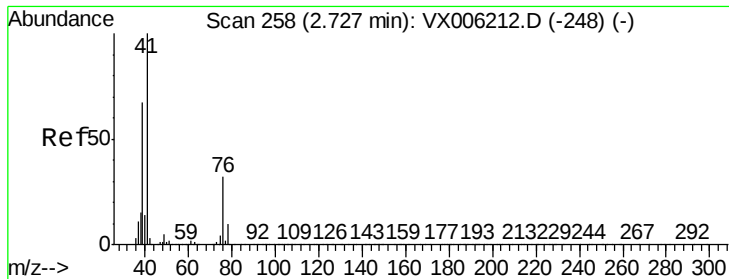
Tot Ion: 59 Resp: 1885
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 16.656 ug/l
RT: 2.27 min Scan# 183
Delta R.T. -0.03 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Tgt Ion: 56 Resp: 22472
Ion Ratio Lower Upper
56 100
55 2280.0 57.8 86.6#

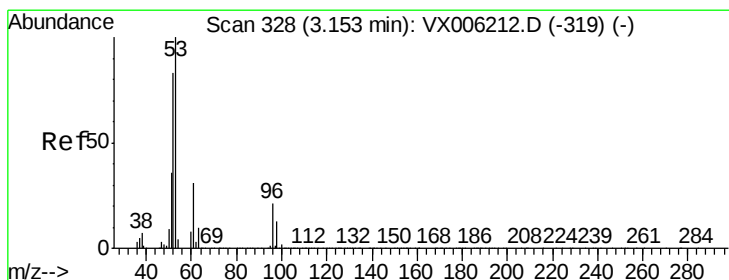
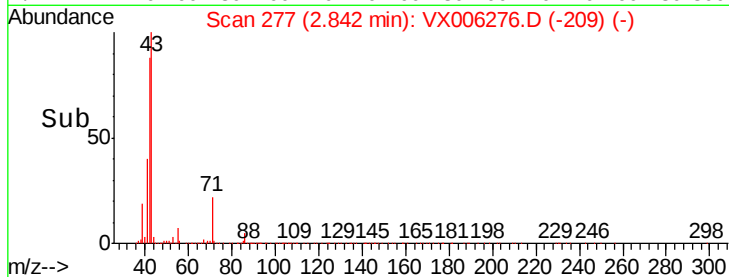
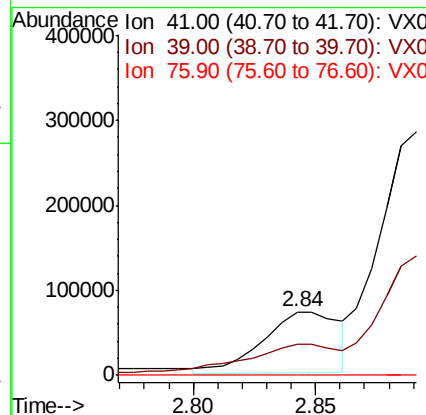
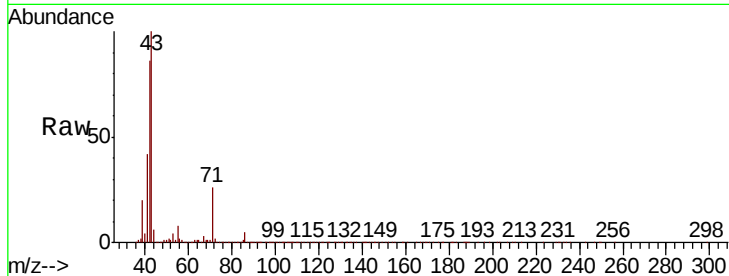




#14
Allvl chloride
Concen: 9.934 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

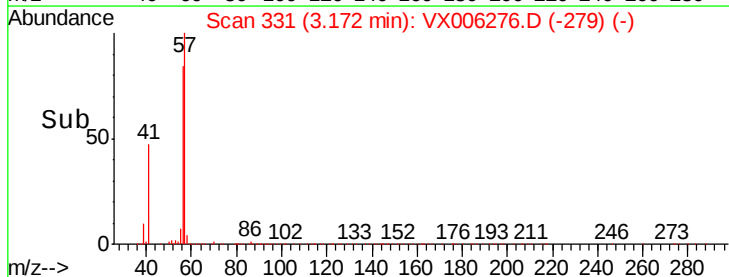
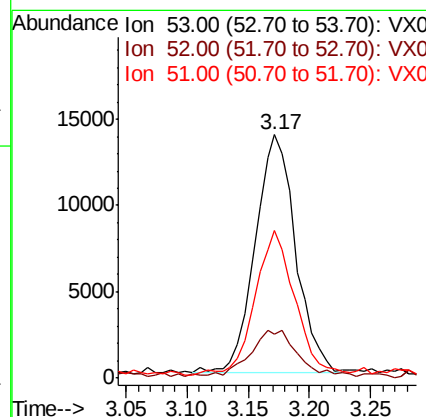
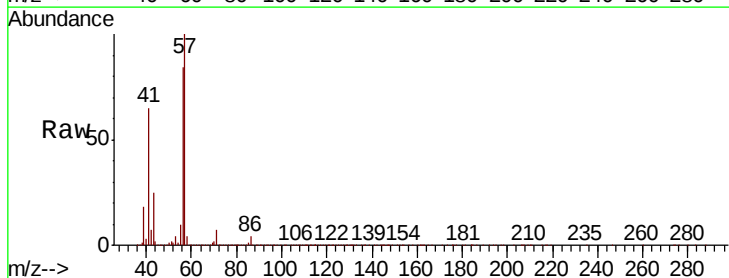
Instrument :
MSVOA_X
ClientSampleId :
GD

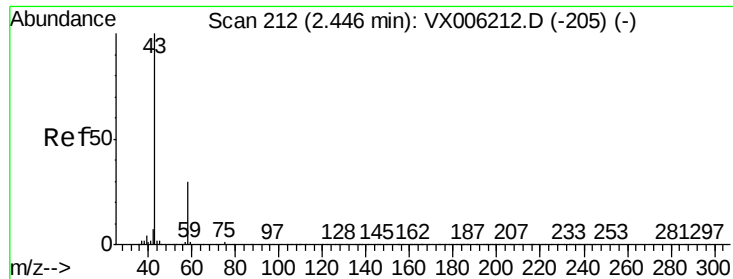
Tot Ion: 41 Resp: 157003
Ion Ratio Lower Upper
41 100
39 66.4 52.4 78.6
76 0.1 25.4 38.0#



#15
Acrylonitrile
Concen: 6.215 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.02 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Tgt Ion: 53 Resp: 32012
Ion Ratio Lower Upper
53 100
52 21.6 66.2 99.4#
51 59.4 28.7 43.1#





#16

Acetone

Concen: 27.288 ug/l

RT: 2.40 min Scan# 204

Delta R.T. -0.05 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

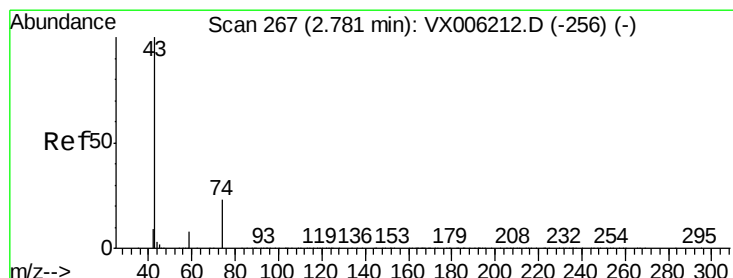
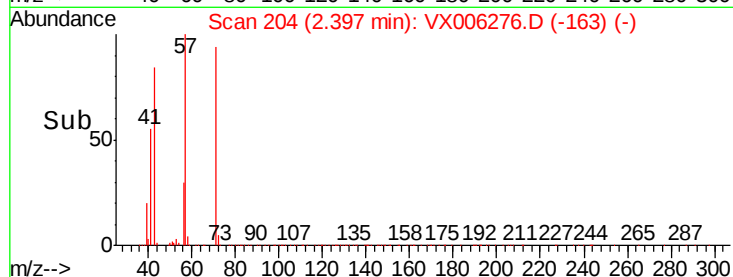
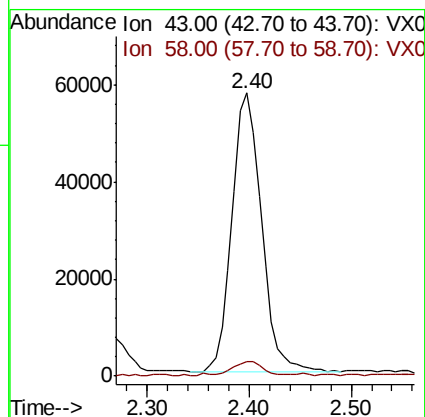
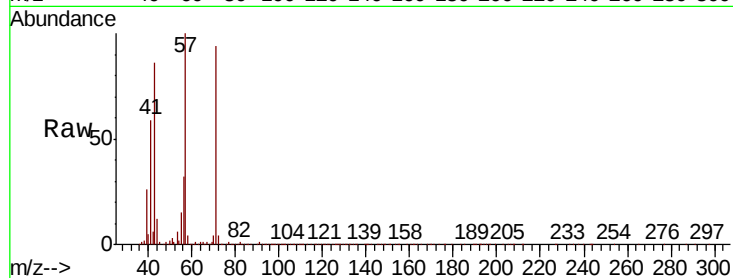
GD

Tot Ion: 43 Resp: 115588

Ion Ratio Lower Upper

43 100

58 4.7 24.0 36.0#



#18

Methyl Acetate

Concen: 26.334 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX006276.D

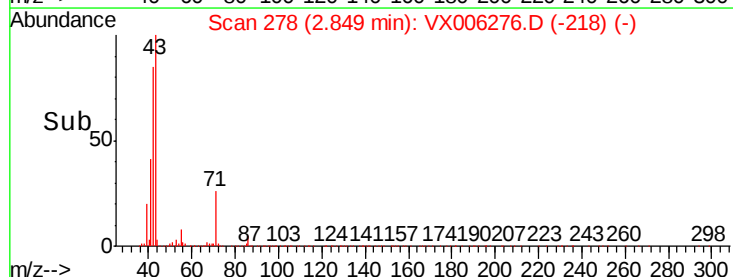
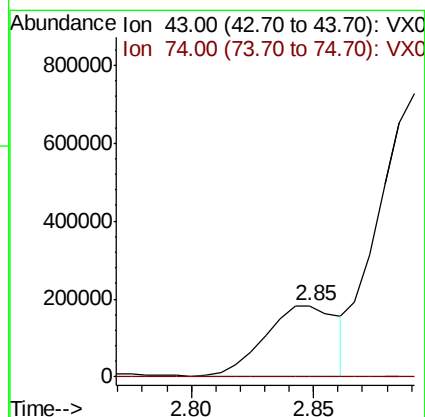
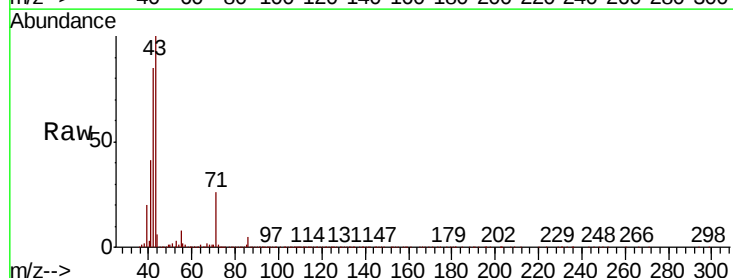
Acq: 04 Dec 2018 14:15

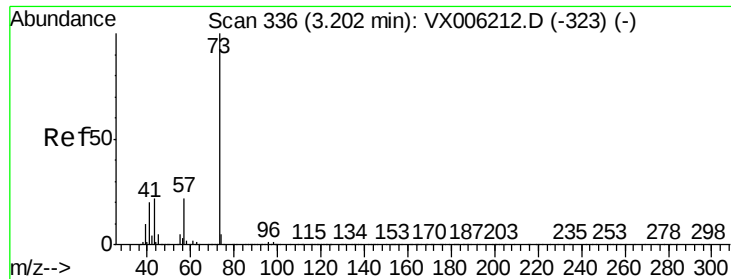
Tgt Ion: 43 Resp: 373042

Ion Ratio Lower Upper

43 100

74 0.1 17.9 26.9#





#19

Methyl tert-butyl Ether

Concen: 0.331 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

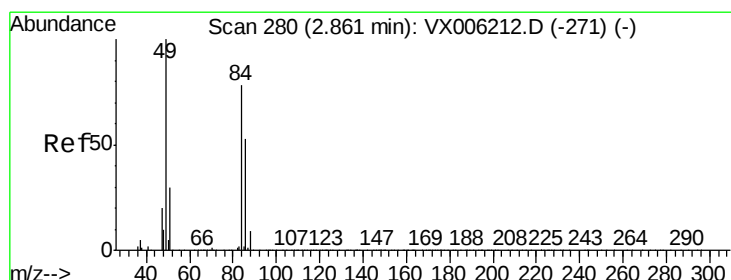
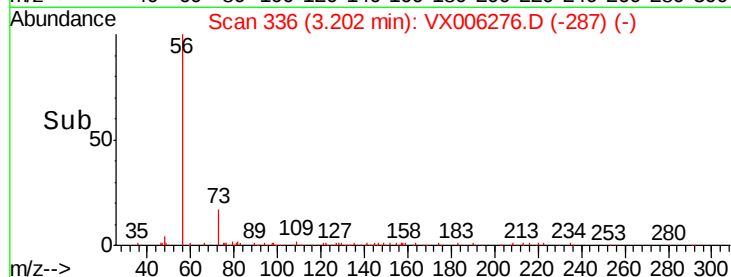
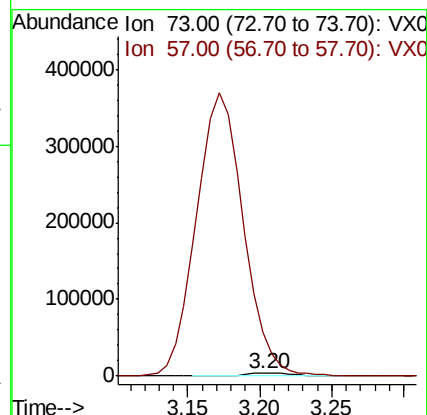
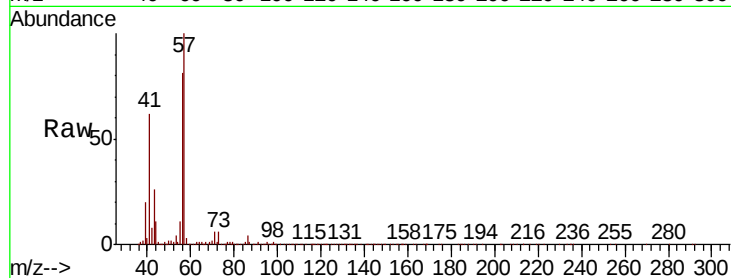
GD

Tot Ion: 73 Resp: 9451

Ion Ratio Lower Upper

73 100

57 1586.3 17.5 26.3#



#20

Methylene Chloride

Concen: 0.289 ug/l

RT: 2.87 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Tgt Ion: 84 Resp: 2605

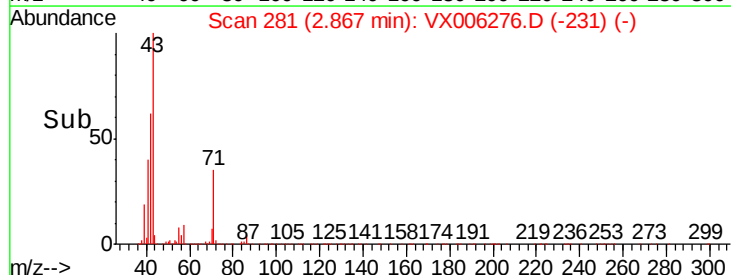
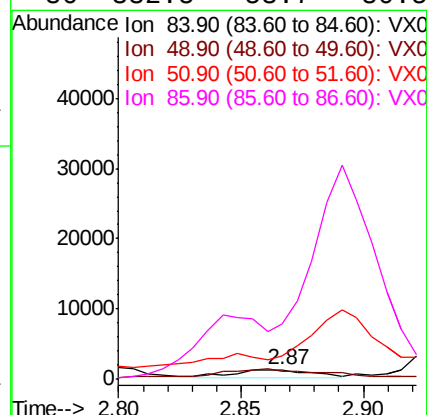
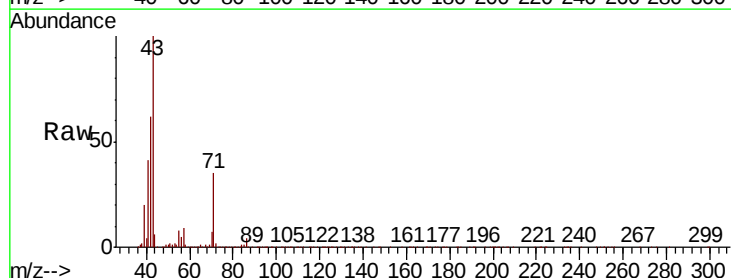
Ion Ratio Lower Upper

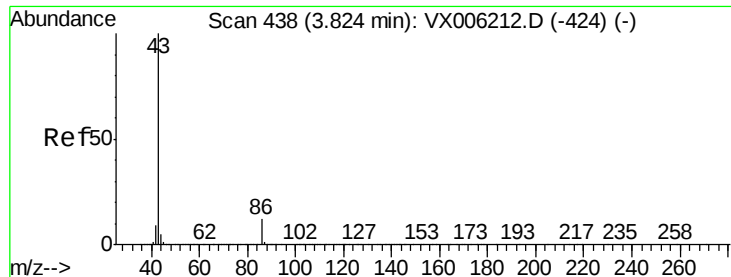
84 100

49 70.0 102.2 153.4#

51 79.5 31.1 46.7#

86 332.5 53.7 80.5#





#23

Vinyl Acetate

Concen: 0.380 ug/l

RT: 3.75 min Scan# 426

Delta R.T. -0.07 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

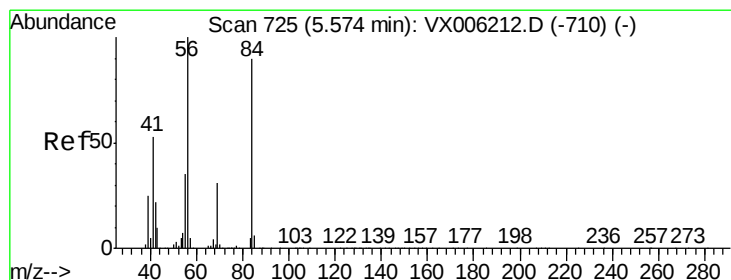
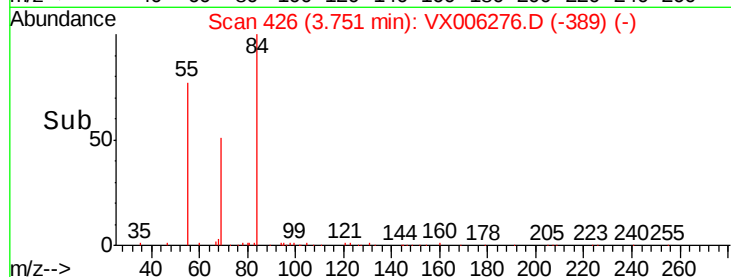
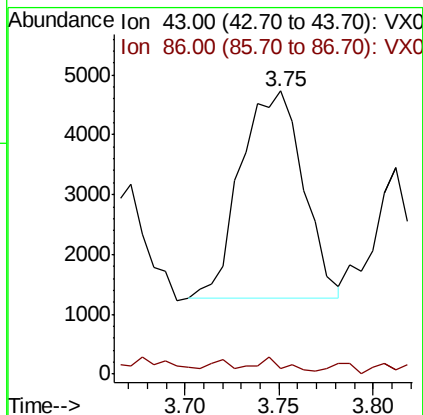
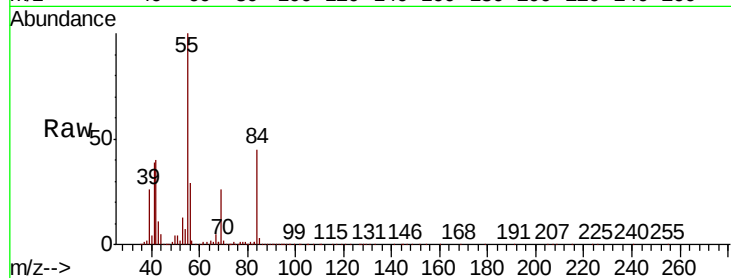
GD

Tot Ion: 43 Resp: 8009

Ion Ratio Lower Upper

43 100

86 0.0 9.4 14.0#



#31

Cyclohexane

Concen: 41.292 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

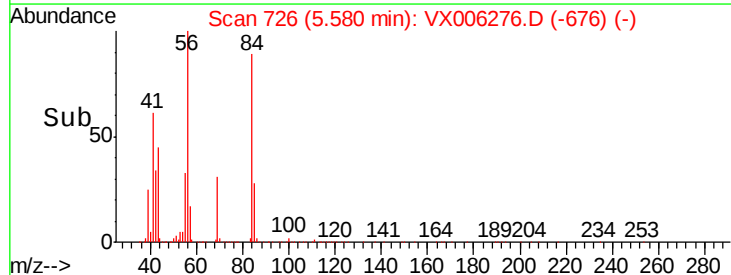
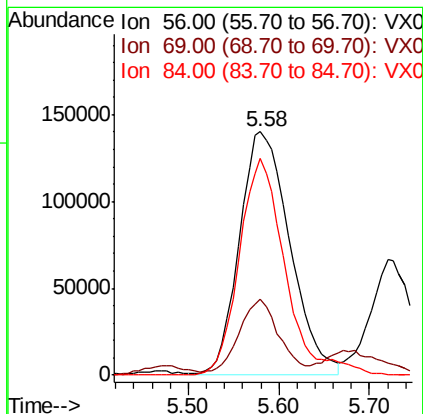
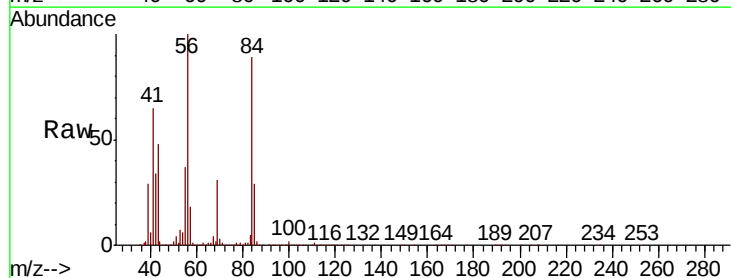
Tgt Ion: 56 Resp: 538437

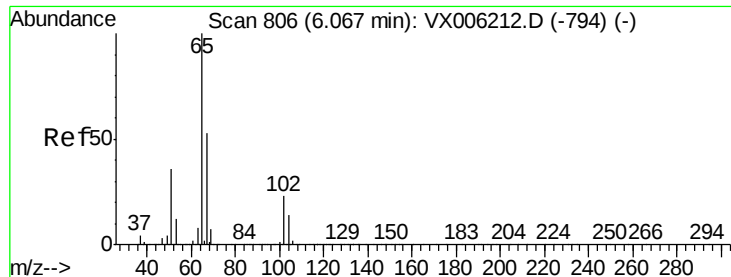
Ion Ratio Lower Upper

56 100

69 29.1 24.5 36.7

84 89.2 71.8 107.6





#33

1,2-Dichloroethane-d4

Concen: 48.237 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

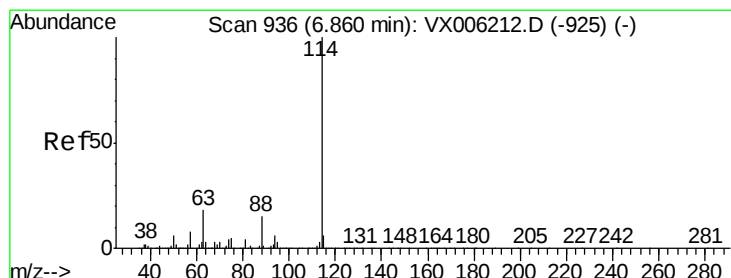
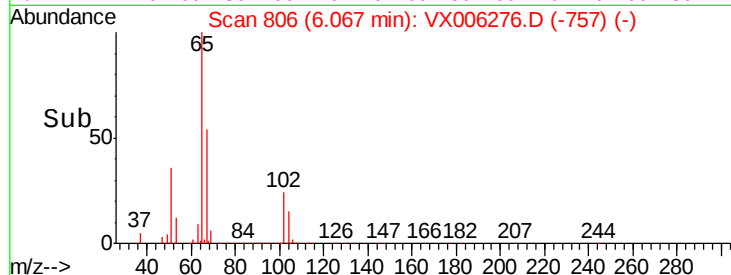
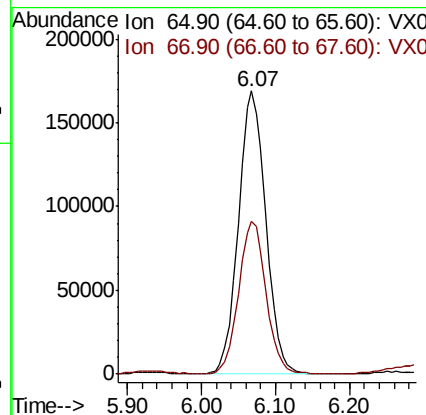
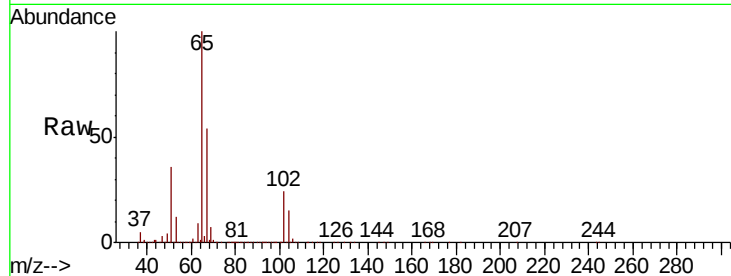
GD

Tot Ion: 65 Resp: 435389

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

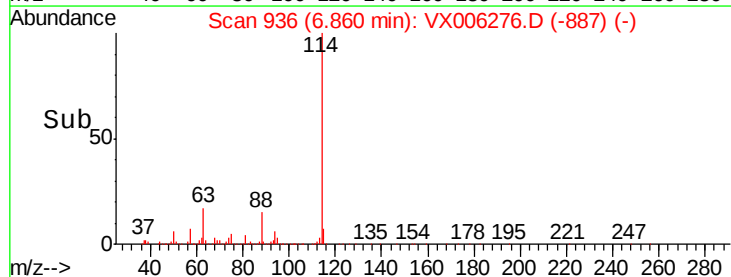
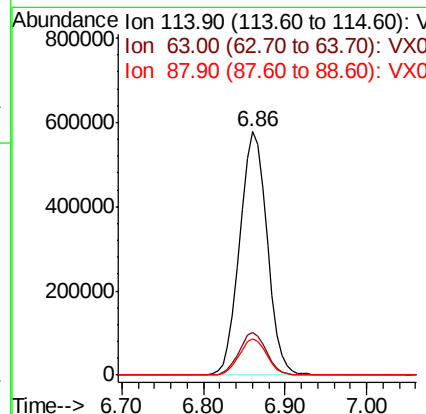
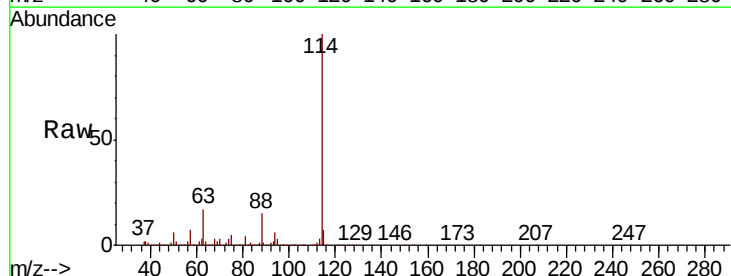
Tgt Ion: 114 Resp: 1345212

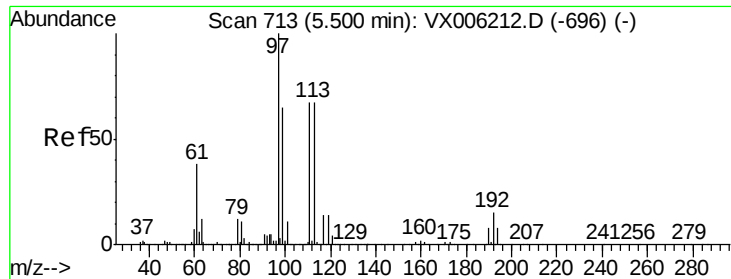
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

88 15.0 0.0 29.0

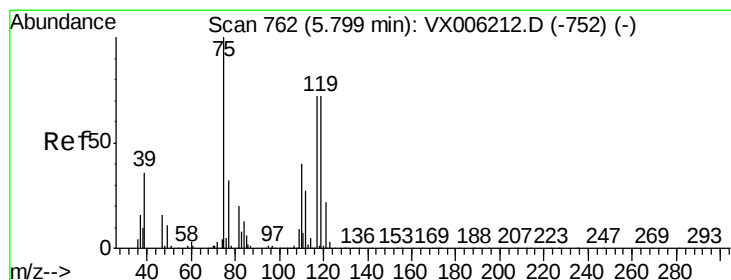
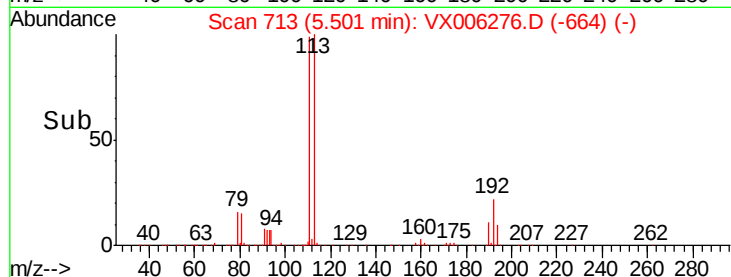
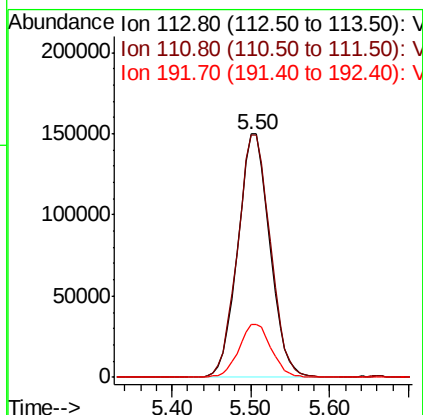
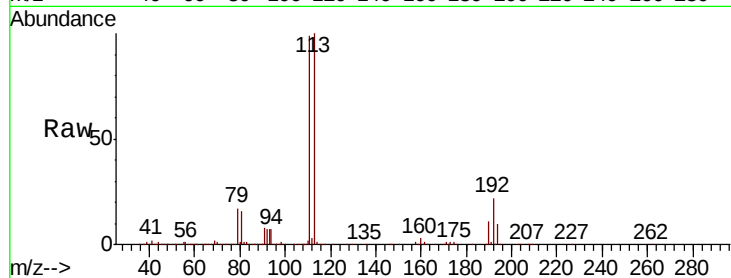




#35
 Dibromofluoromethane
 Concen: 48.636 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006276.D
 Acq: 04 Dec 2018 14:15

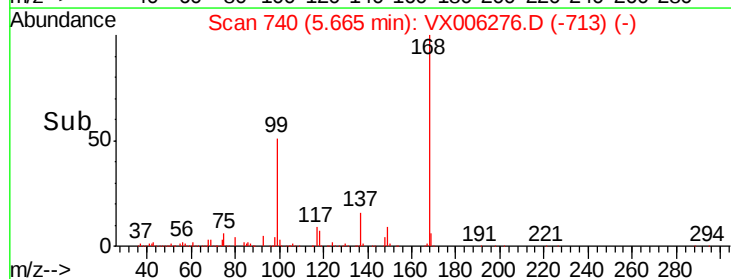
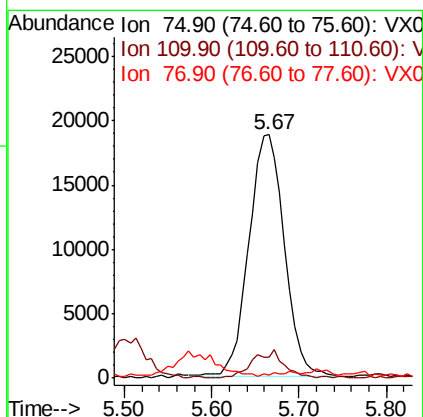
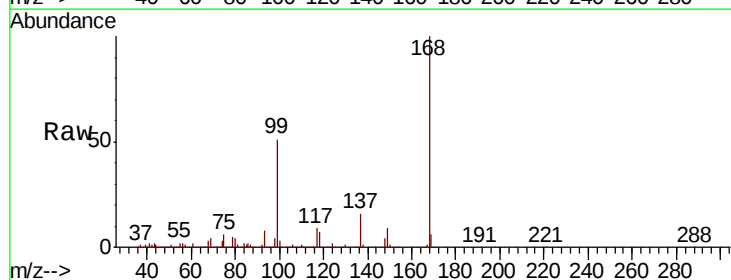
Instrument :
 MSVOA_X
 ClientSampleId :
 GD

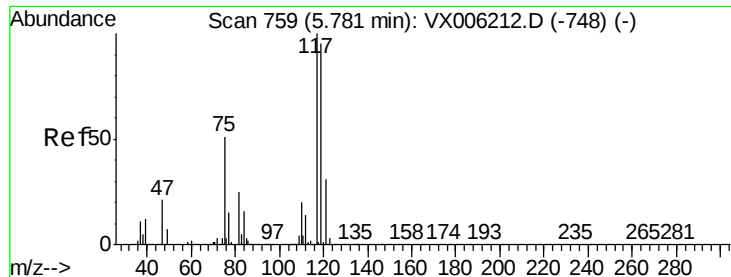
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.1	121.7
192	22.0	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 4.712 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006276.D
 Acq: 04 Dec 2018 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	20.4	61.3#
77	0.0	24.9	37.3#

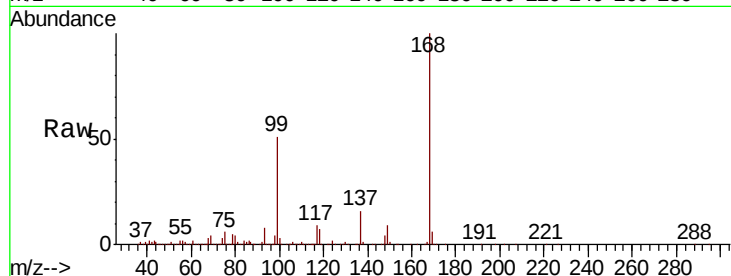




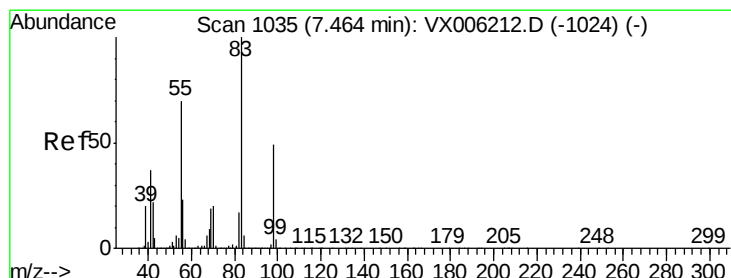
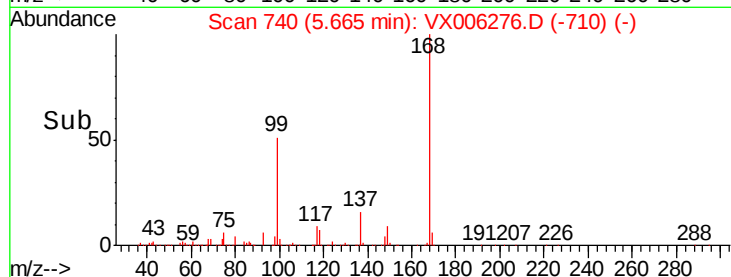
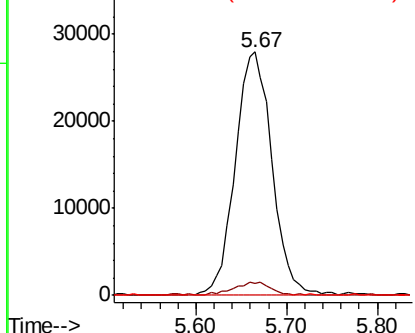
#38
Carbon Tetrachloride
Concen: 5.887 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
GD

Tot Ion:117 Resp: 78456
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 24.6 37.0#

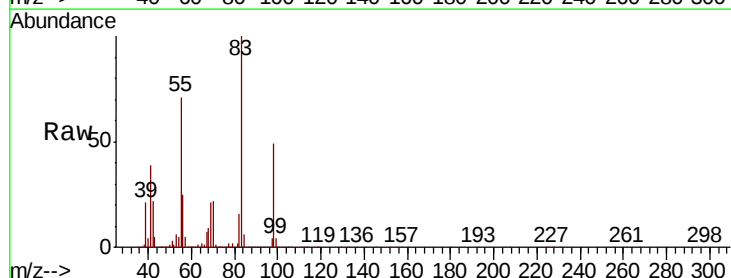


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

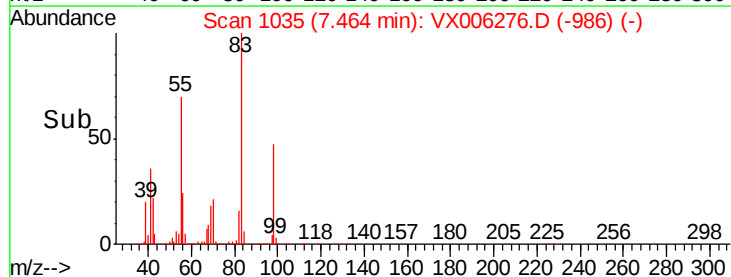
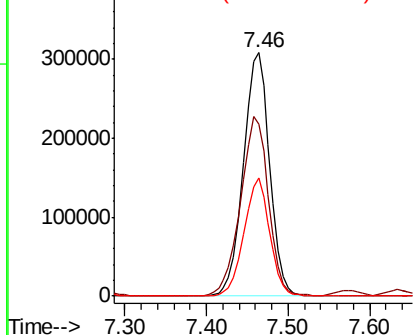


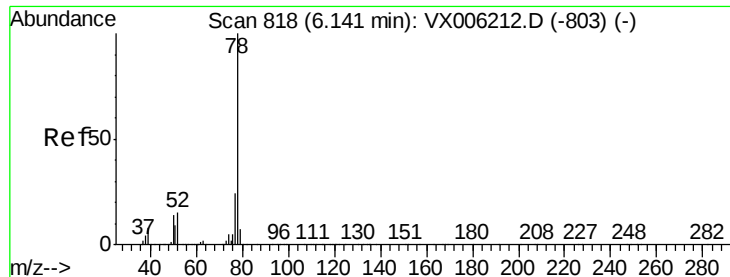
#39
Methylcyclohexane
Concen: 46.848 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Tgt Ion: 83 Resp: 688864
Ion Ratio Lower Upper
83 100
55 70.7 56.4 84.6
98 48.6 39.0 58.6



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: 25.326 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

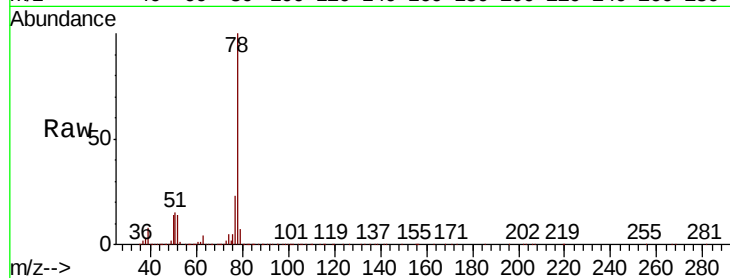
Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
GD

Tot Ion: 78 Resp: 859267

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.2	28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

300000

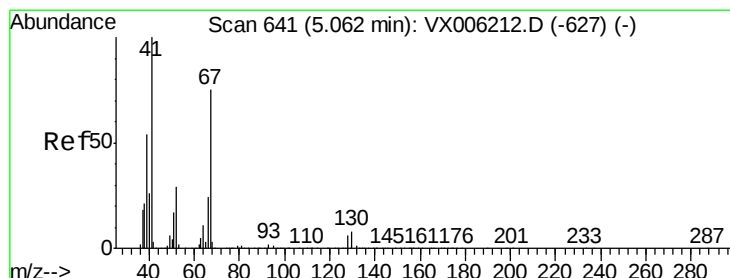
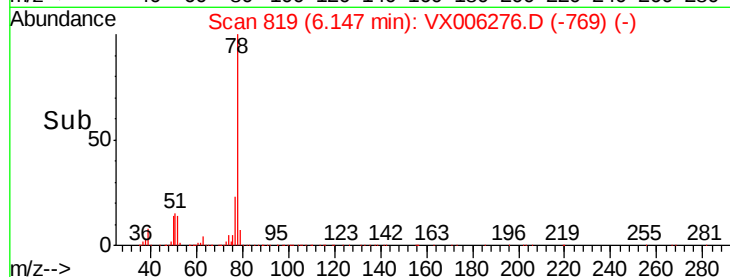
200000

100000

0

Time-->

6.00 6.10 6.20 6.30



#41

Methacrylonitrile

Concen: 0.264 ug/l

RT: 5.06 min Scan# 641

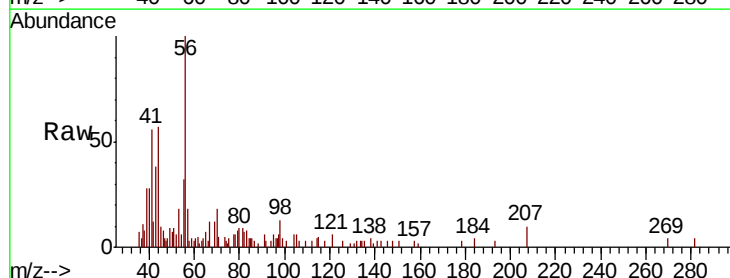
Delta R.T. 0.00 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Tgt Ion: 41 Resp: 1844

Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.0	66.0#
67	0.0	61.4	92.0#
52	0.0	23.5	35.3#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

5.06

2000

1500

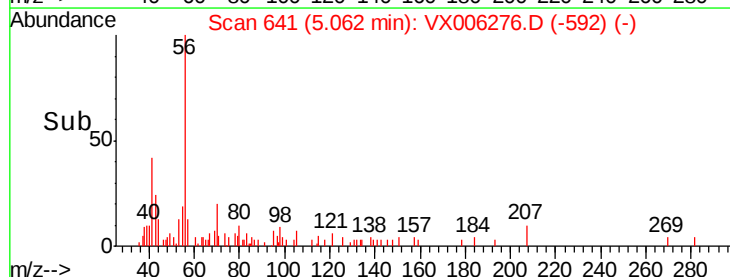
1000

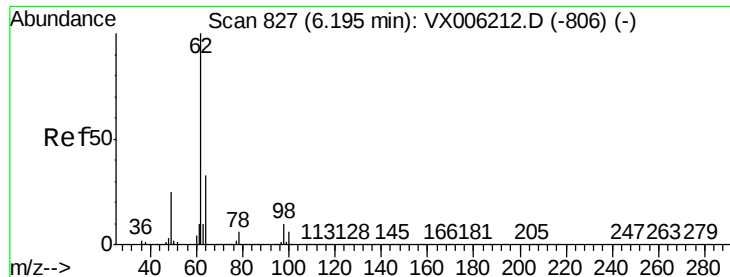
500

0

Time-->

5.00 5.05





#42

1,2-Dichloroethane

Concen: 0.602 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.05 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampled :

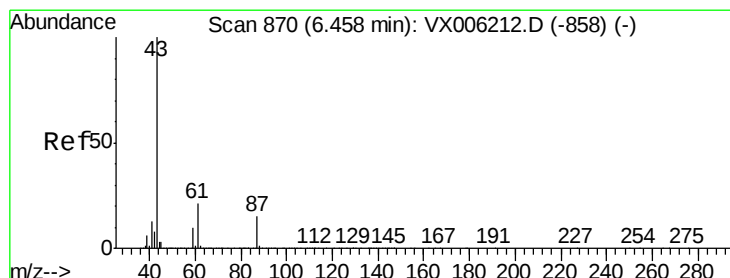
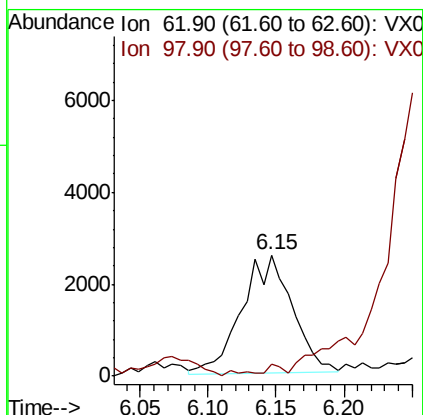
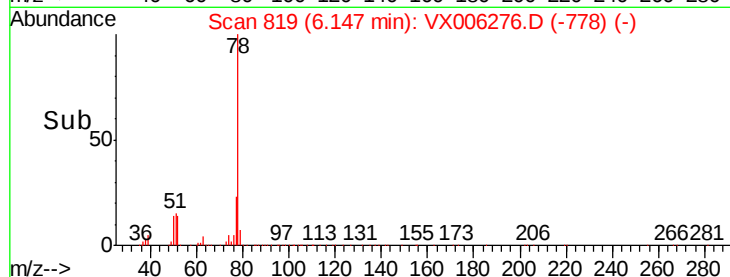
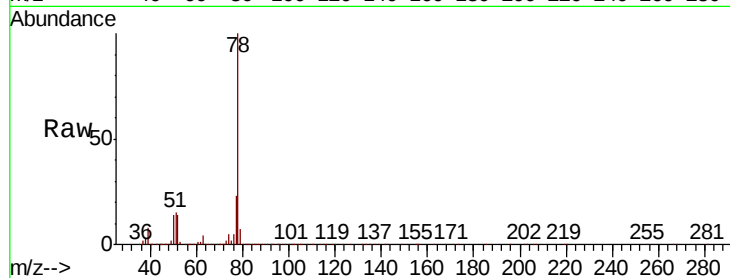
GD

Tot Ion: 62 Resp: 6689

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#43

Isopropyl Acetate

Concen: 0.663 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

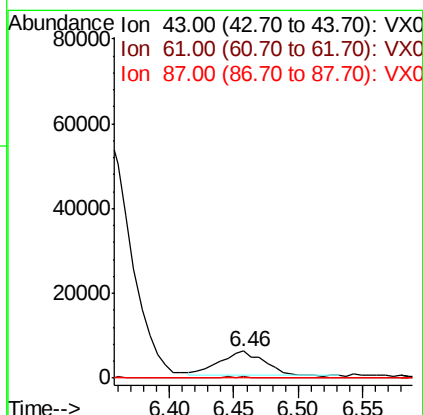
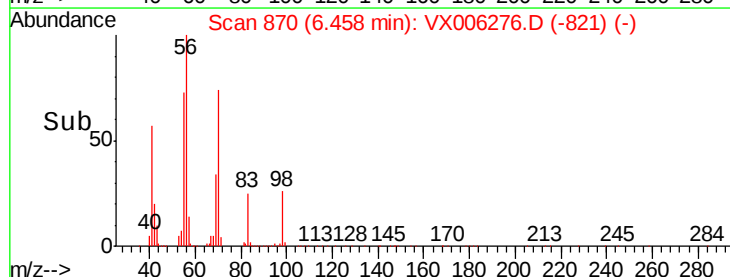
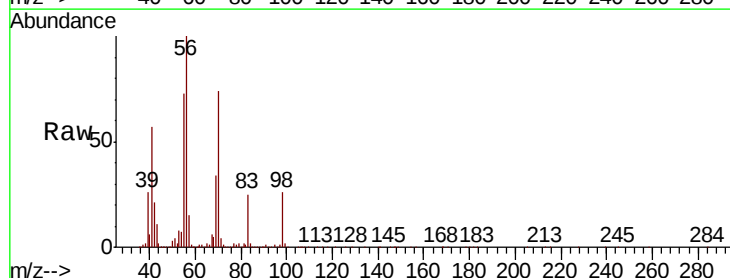
Tgt Ion: 43 Resp: 14024

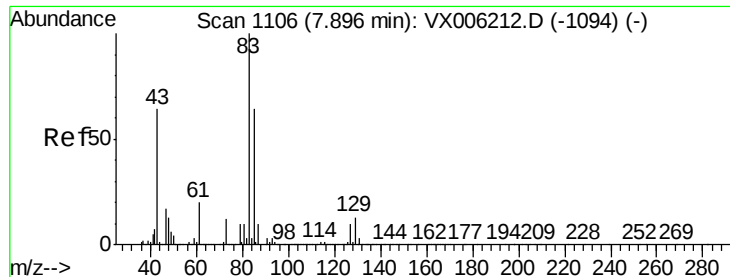
Ion Ratio Lower Upper

43 100

61 3.8 16.8 25.2#

87 1.7 11.9 17.9#





#47

Bromodichloromethane

Concen: 0.510 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

GD

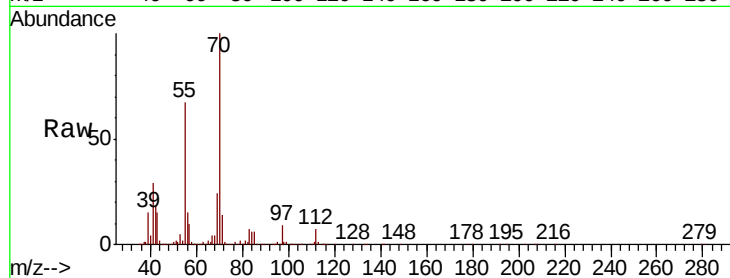
Tot Ion: 83 Resp: 6148

Ion Ratio Lower Upper

83 100

85 86.9 51.4 77.0#

127 0.0 7.9 11.9#

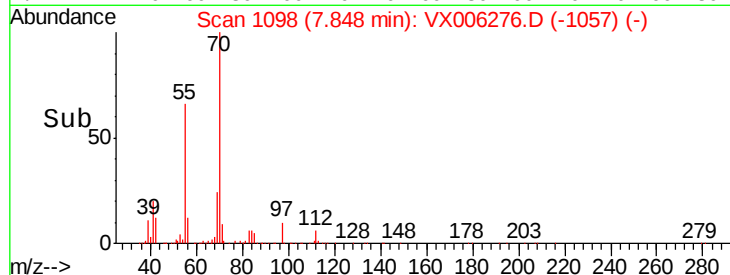


Abundance Ion 82.90 (82.60 to 83.60): VX0

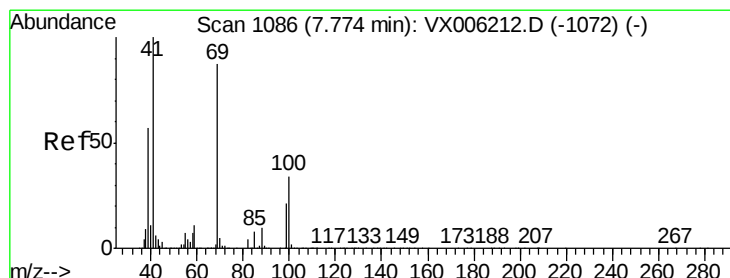
Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): VX0

Time--> 7.75 7.80 7.85 7.90



7.85



#48

Methyl methacrylate

Concen: 5.449 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

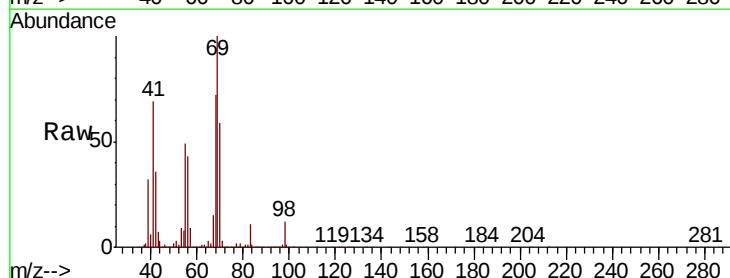
Tgt Ion: 41 Resp: 56072

Ion Ratio Lower Upper

41 100

69 159.3 70.3 105.5#

39 46.9 45.3 67.9

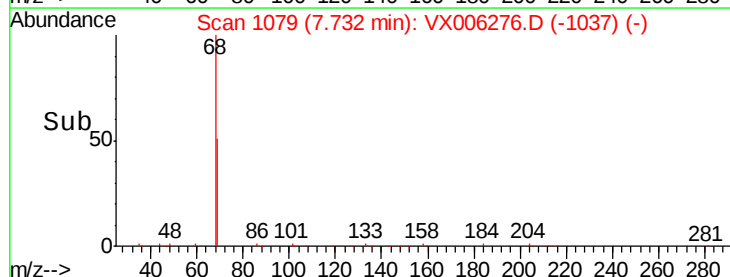


Abundance Ion 41.00 (40.70 to 41.70): VX0

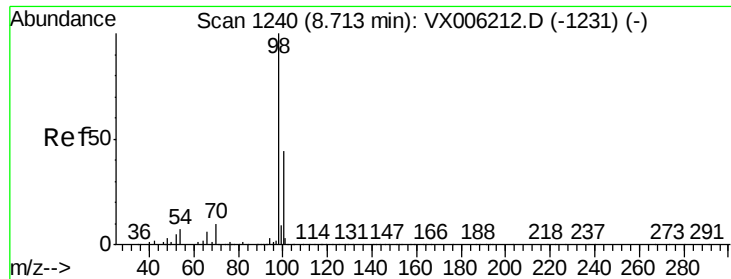
Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time--> 7.65 7.70 7.75 7.80



7.73



#50

Toluene-d8

Concen: 49.137 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

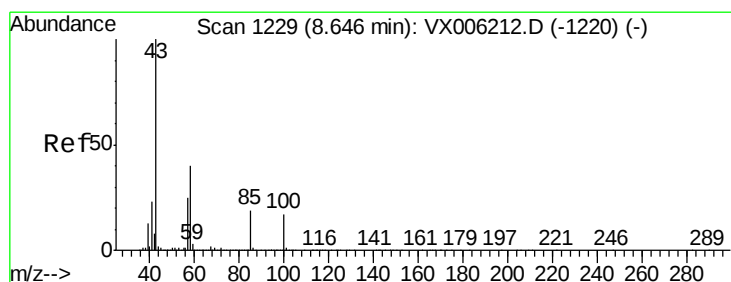
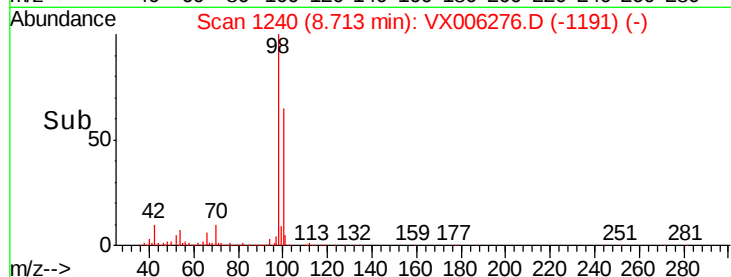
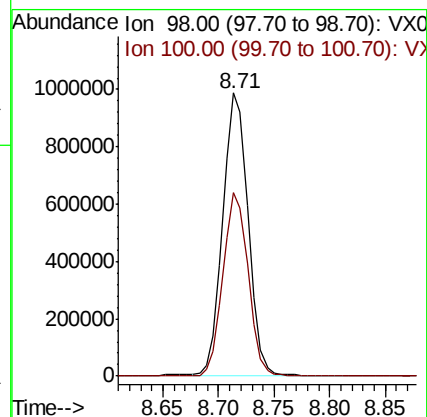
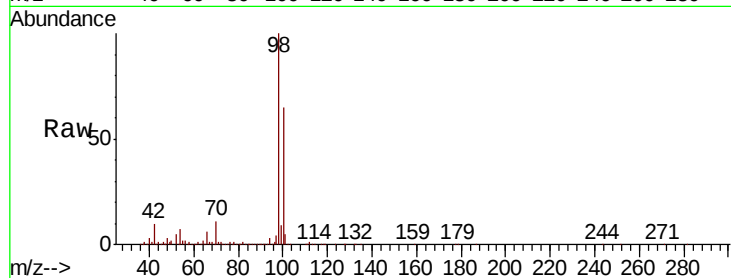
GD

Tot Ion: 98 Resp: 1556714

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 3.026 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.03 min

Lab File: VX006276.D

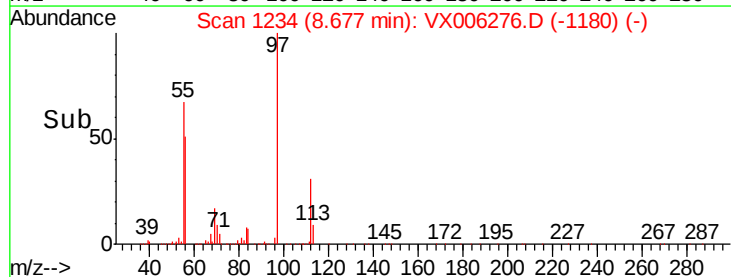
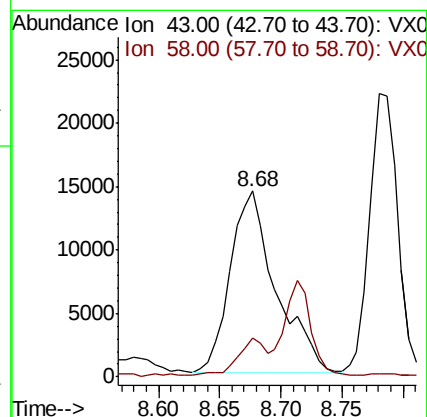
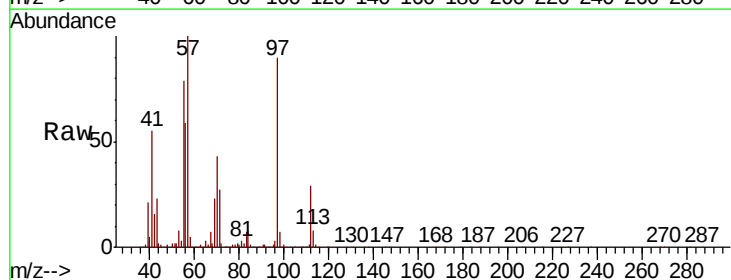
Acq: 04 Dec 2018 14:15

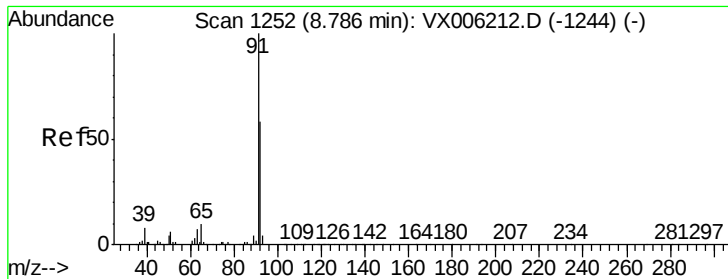
Tgt Ion: 43 Resp: 37260

Ion Ratio Lower Upper

43 100

58 12.2 31.3 46.9#





#52

Toluene

Concen: 152.472 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampled :

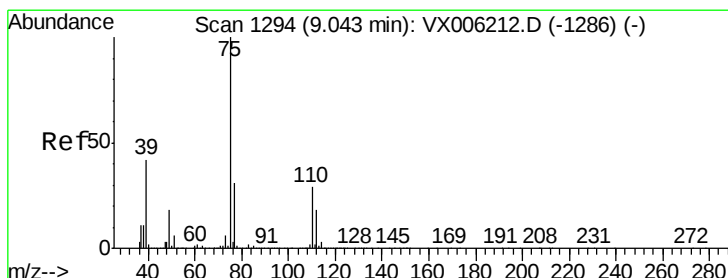
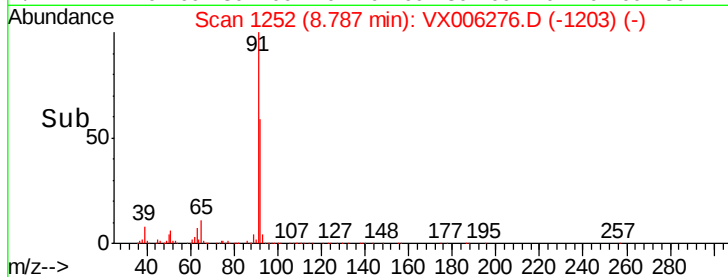
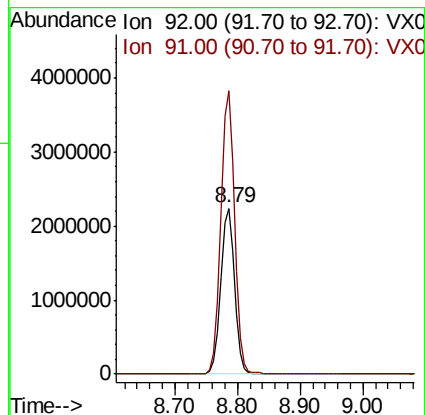
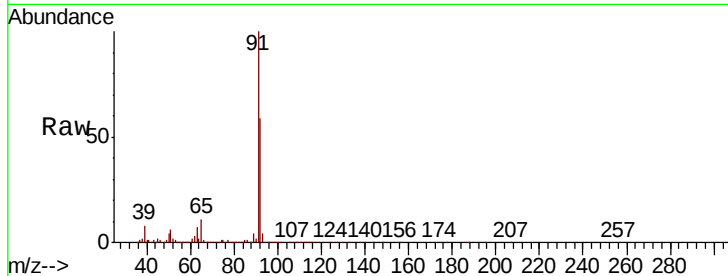
GD

Tot Ion: 92 Resp: 3403403

Ion Ratio Lower Upper

92 100

91 171.3 139.2 208.8



#53

t-1,3-Dichloropropene

Concen: 2.503 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.26 min

Lab File: VX006276.D

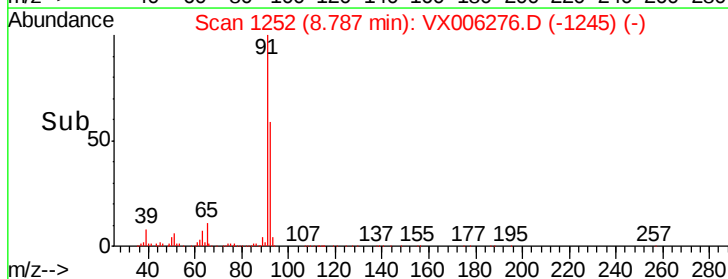
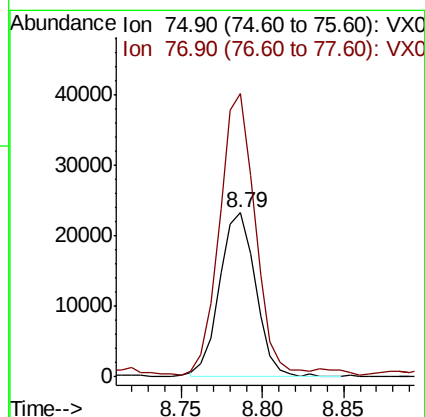
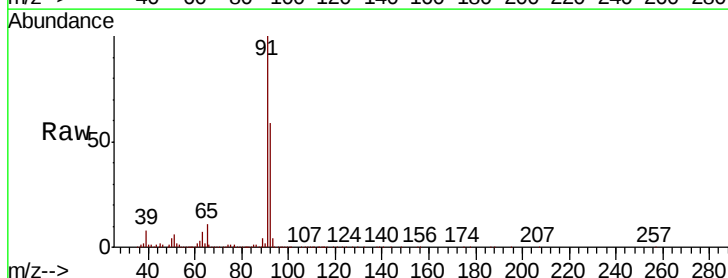
Acq: 04 Dec 2018 14:15

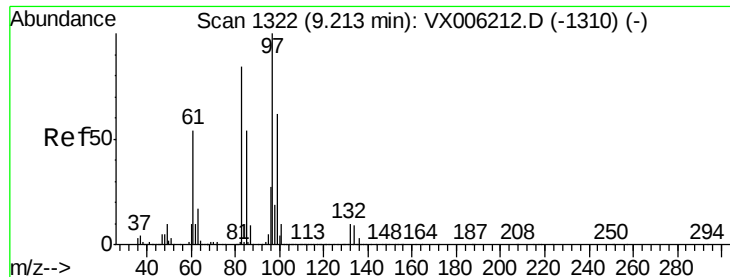
Tgt Ion: 75 Resp: 35310

Ion Ratio Lower Upper

75 100

77 170.2 25.0 37.4#

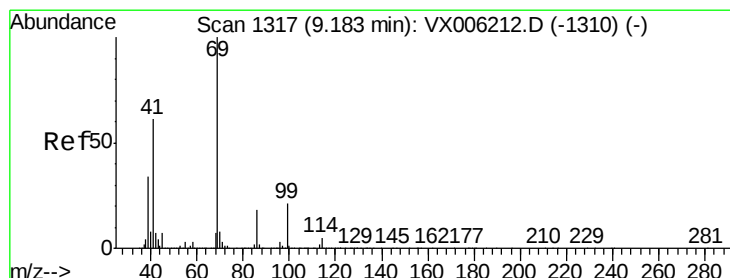
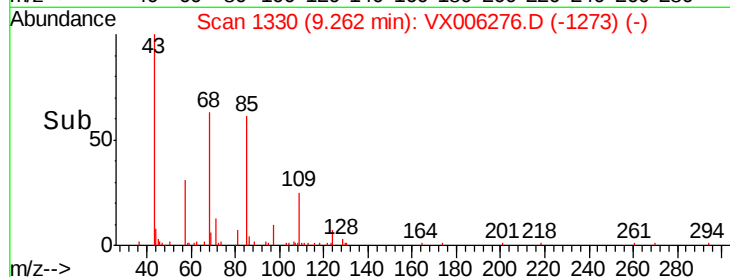
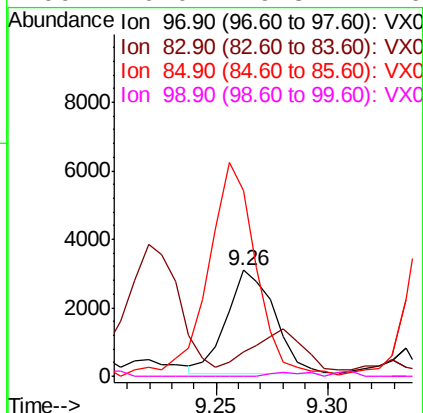
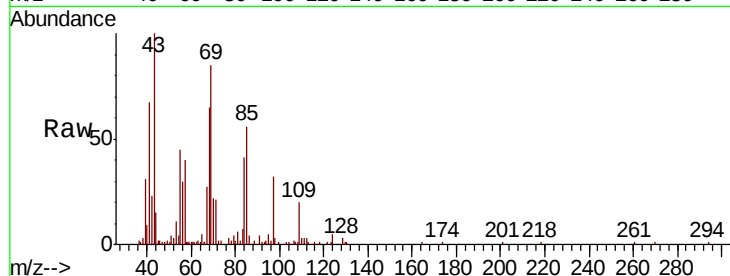




#55
 1,1,2-Trichloroethane
 Concen: 0.506 ug/l
 RT: 9.26 min Scan# 1330
 Delta R.T. 0.05 min
 Lab File: VX006276.D
 Acq: 04 Dec 2018 14:15

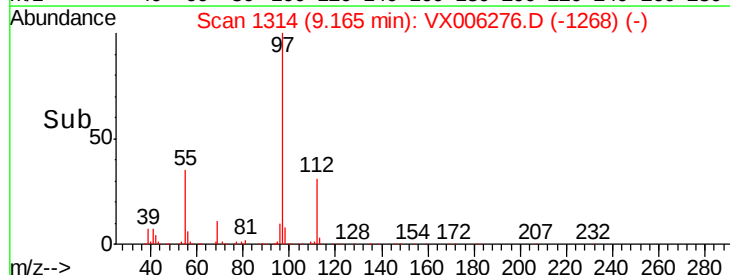
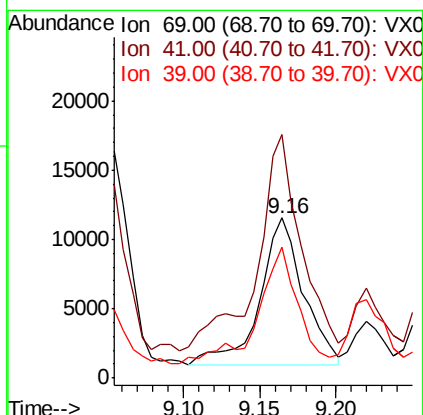
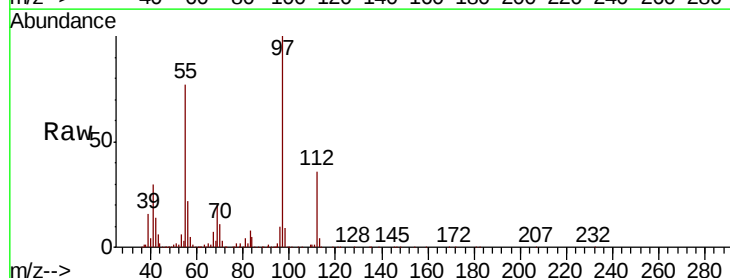
Instrument :
 MSVOA_X
 ClientSampled :
 GD

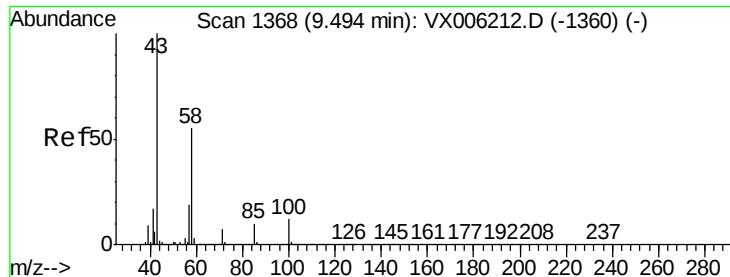
Tot Ion: 97 Resp: 4590
 Ion Ratio Lower Upper
 97 100
 83 17.2 67.1 100.7#
 85 176.4 43.2 64.8#
 99 0.0 49.8 74.6#



#56
 Ethyl methacrylate
 Concen: 1.503 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: VX006276.D
 Acq: 04 Dec 2018 14:15

Tgt Ion: 69 Resp: 21301
 Ion Ratio Lower Upper
 69 100
 41 171.4 50.6 76.0#
 39 76.9 27.6 41.4#

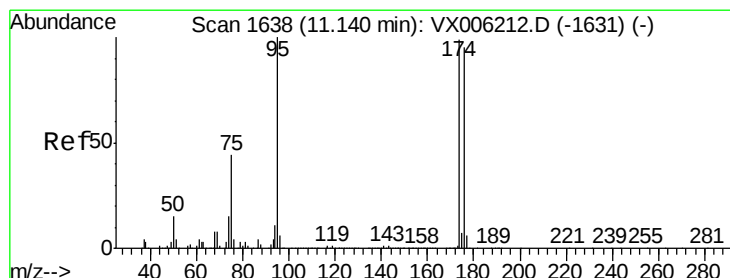
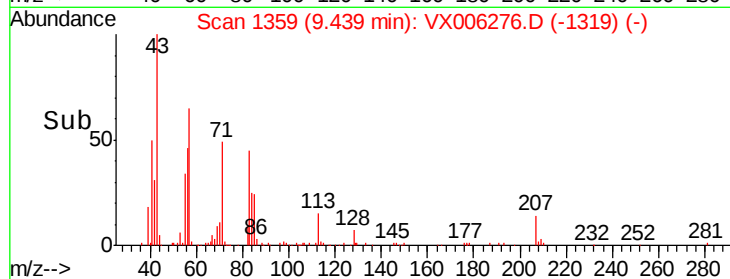
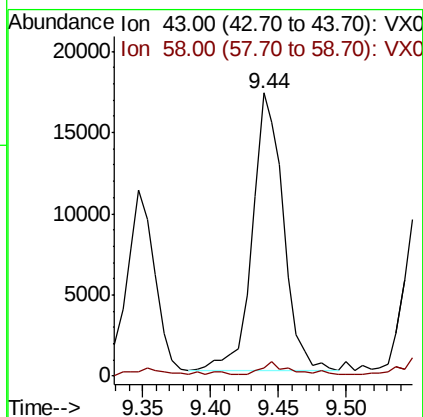
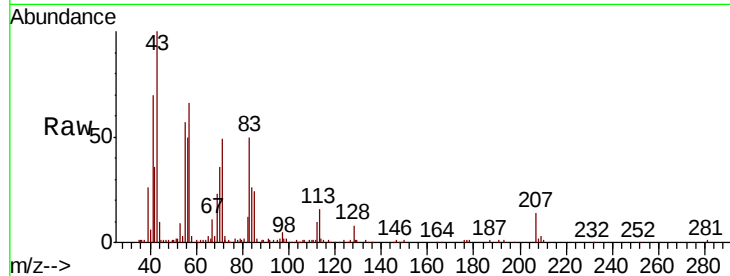




#59
2-Hexanone
Concen: 2.894 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

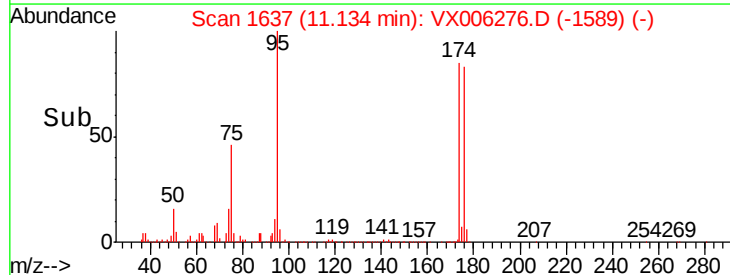
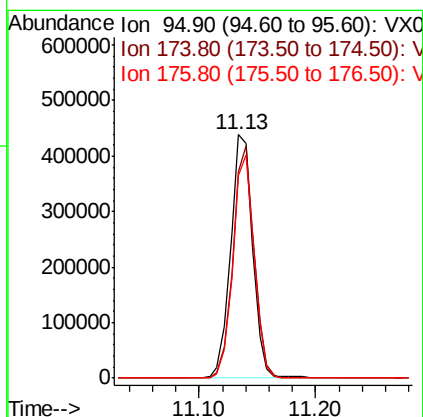
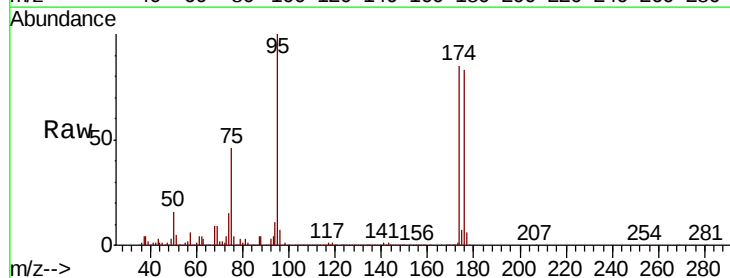
Instrument :
MSVOA_X
ClientSampleId :
GD

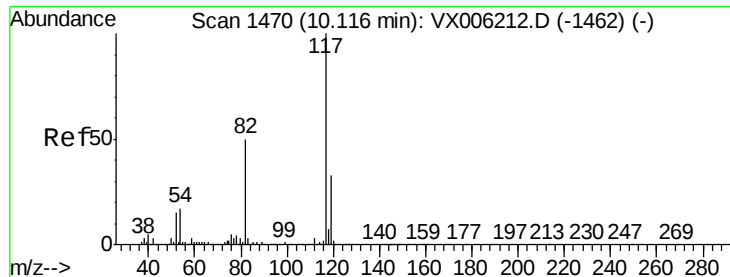
Tot Ion: 43 Resp: 27224
Ion Ratio Lower Upper
43 100
58 4.4 27.7 83.1#



#62
4-Bromofluorobenzene
Concen: 48.247 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Tgt Ion: 95 Resp: 575989
Ion Ratio Lower Upper
95 100
174 91.7 0.0 187.0
176 88.7 0.0 181.8

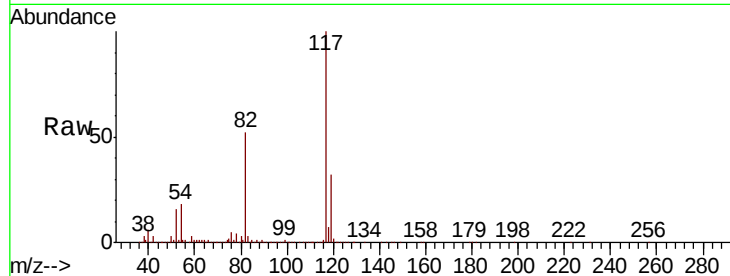




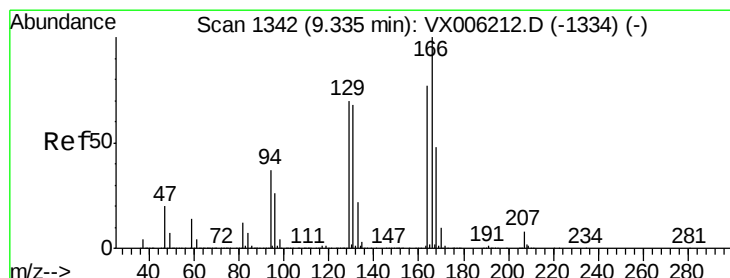
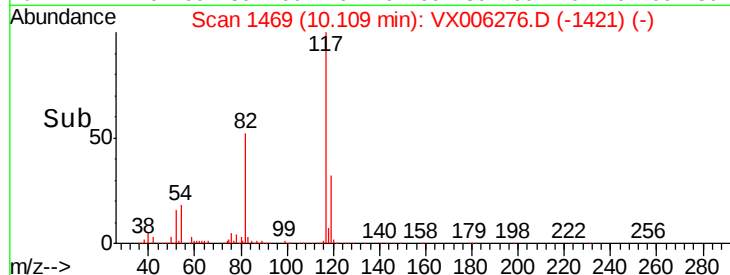
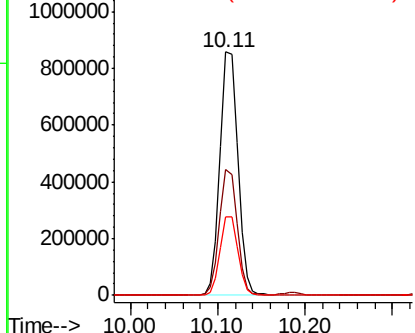
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Instrument :
MSVOA_X
ClientSampled :
GD

Tot Ion:117 Resp: 1219064
Ion Ratio Lower Upper
117 100
82 51.8 39.6 59.4
119 32.0 26.3 39.5



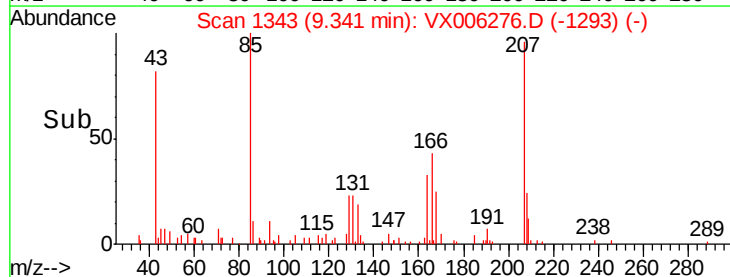
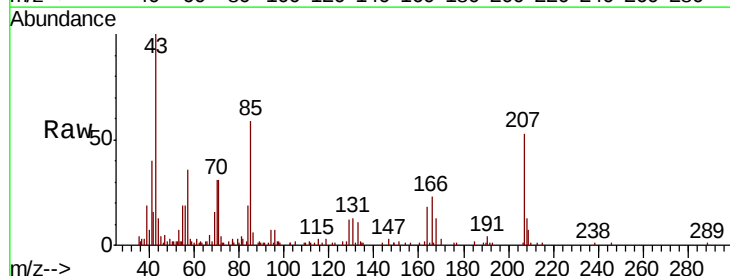
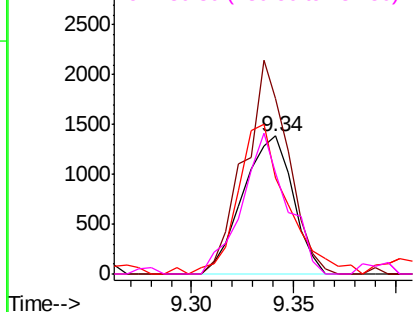
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

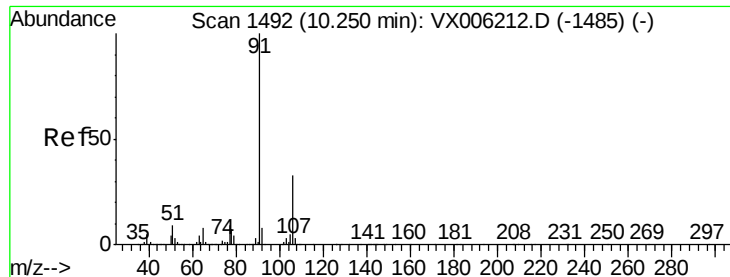


#64
Tetrachloroethene
Concen: 0.257 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Tgt Ion:164 Resp: 2362
Ion Ratio Lower Upper
164 100
166 127.3 104.2 156.2
129 69.4 72.6 108.8#
131 73.4 70.3 105.5

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#67

Ethyl Benzene

Concen: 35.358 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampleID :

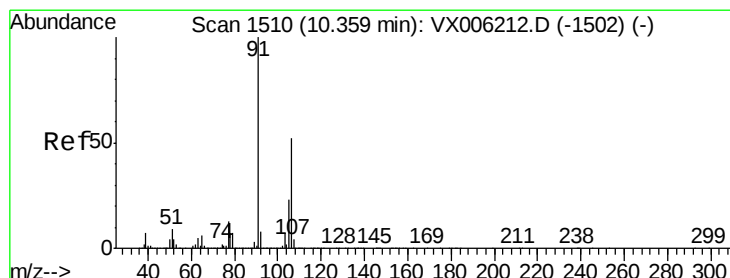
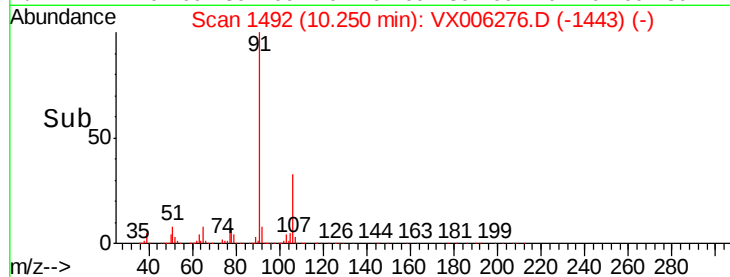
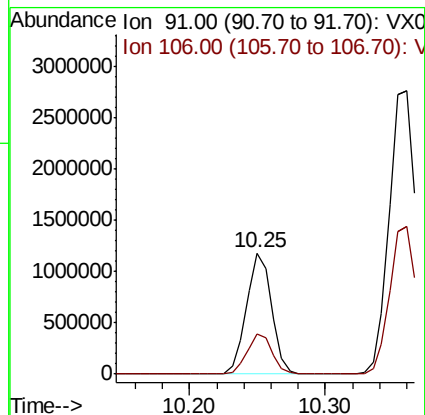
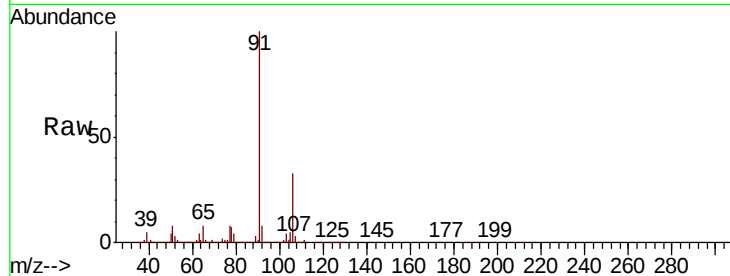
GD

Tot Ion: 91 Resp: 1521827

Ion Ratio Lower Upper

91 100

106 32.7 26.5 39.7



#68

m/p-Xylenes

Concen: 114.956 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006276.D

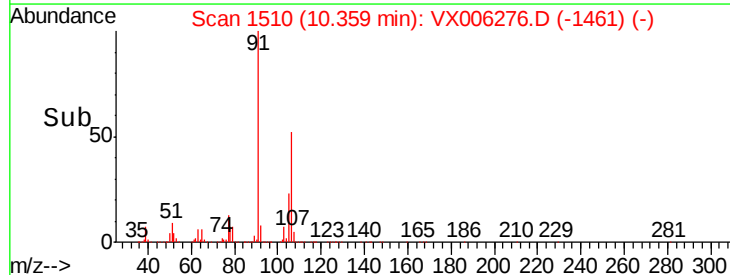
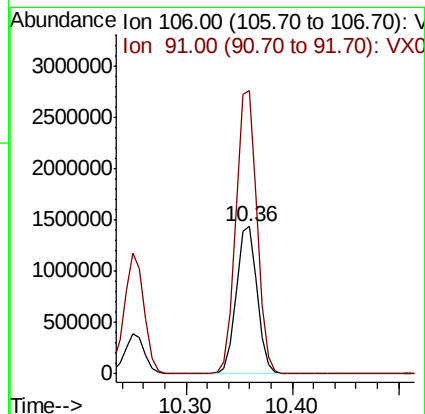
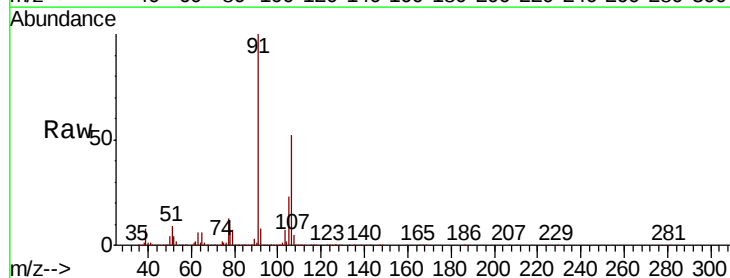
Acq: 04 Dec 2018 14:15

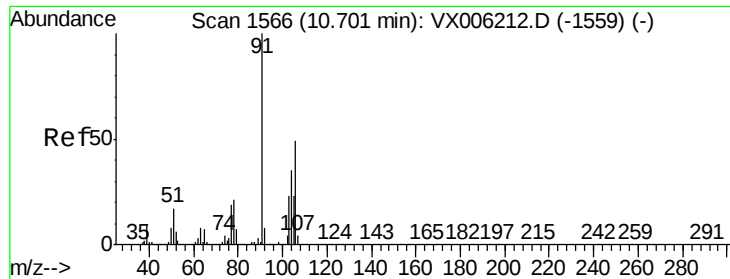
Tgt Ion: 106 Resp: 1981928

Ion Ratio Lower Upper

106 100

91 193.7 155.2 232.8

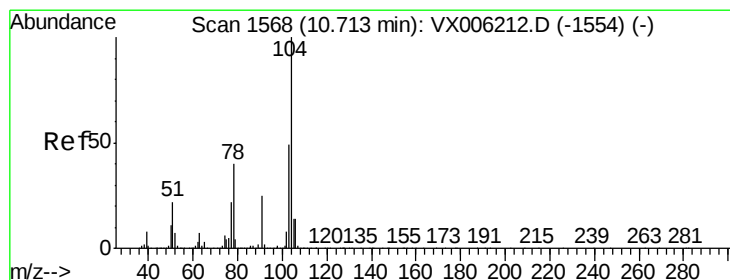
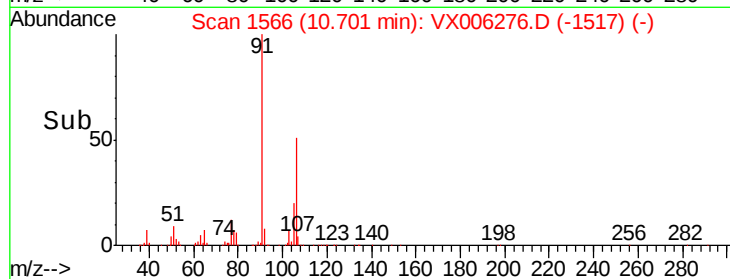
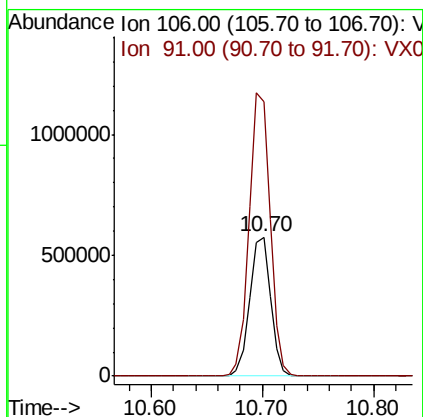
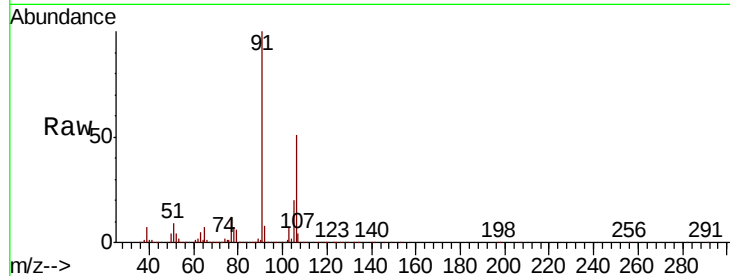




#69
o-Xylene
Concen: 44.217 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

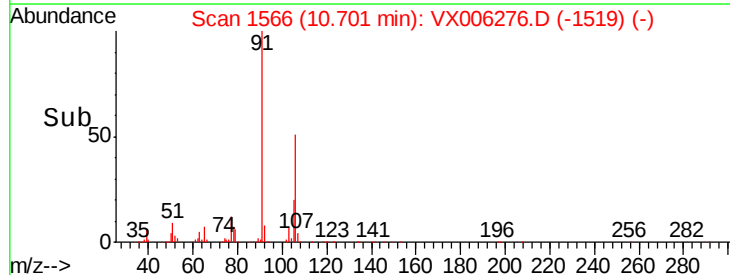
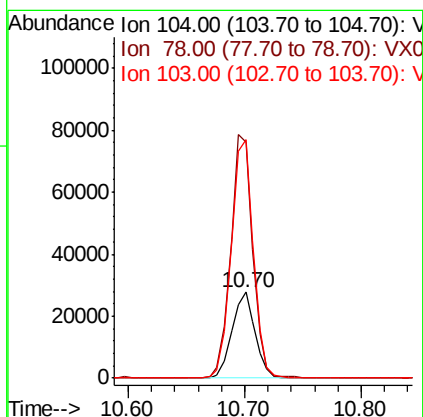
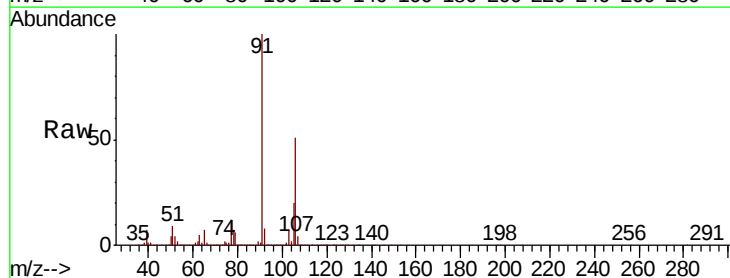
Instrument :
MSVOA_X
ClientSampled :
GD

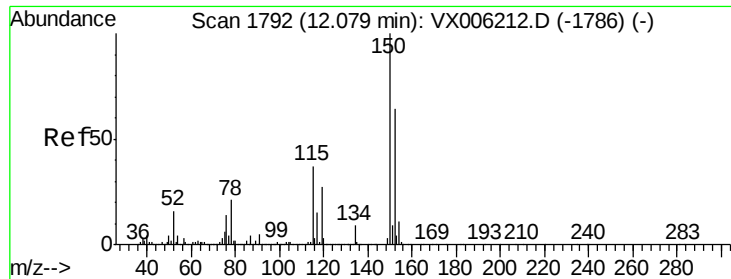
Tot Ion:106 Resp: 752996
Ion Ratio Lower Upper
106 100
91 204.7 101.8 305.6



#70
Styrene
Concen: 1.385 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Tgt Ion:104 Resp: 38155
Ion Ratio Lower Upper
104 100
78 269.5 37.2 55.8#
103 266.7 43.5 65.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

GD

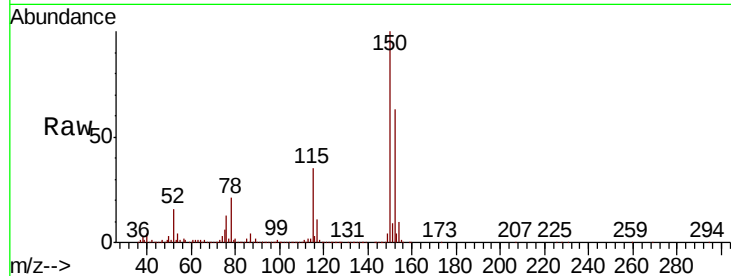
Tot Ion:152 Resp: 591782

Ion Ratio Lower Upper

152 100

115 56.1 39.0 116.9

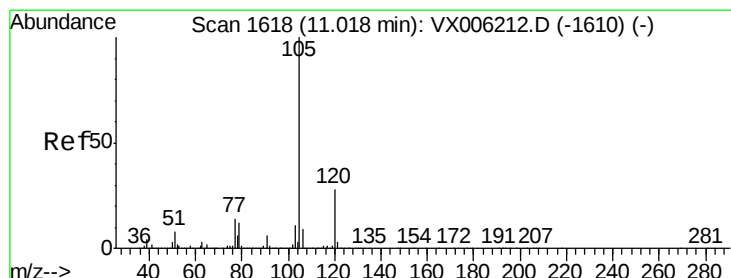
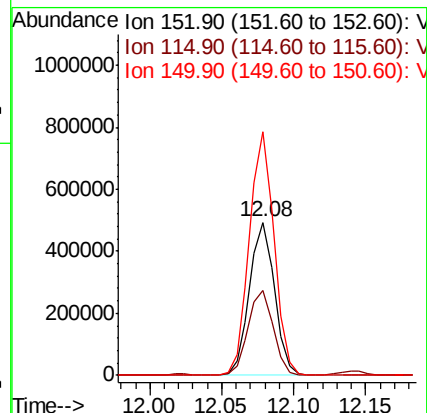
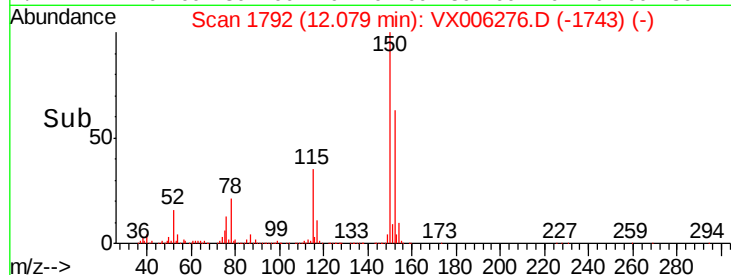
150 157.3 0.0 345.8



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: 3.195 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006276.D

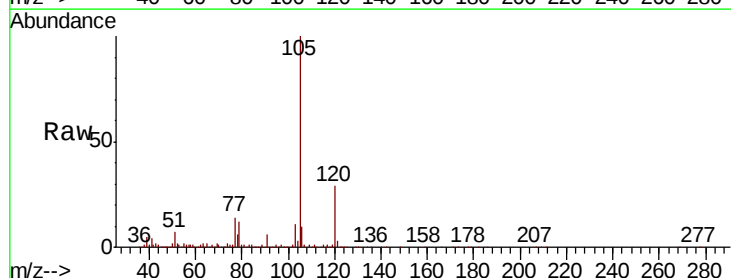
Acq: 04 Dec 2018 14:15

Tgt Ion:105 Resp: 130566

Ion Ratio Lower Upper

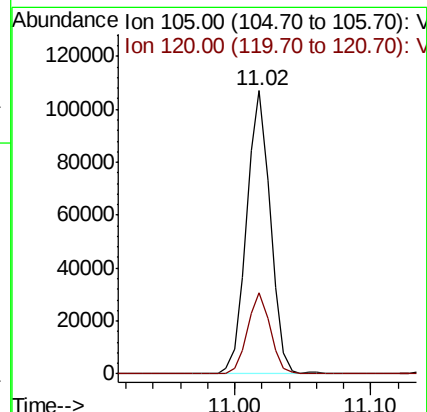
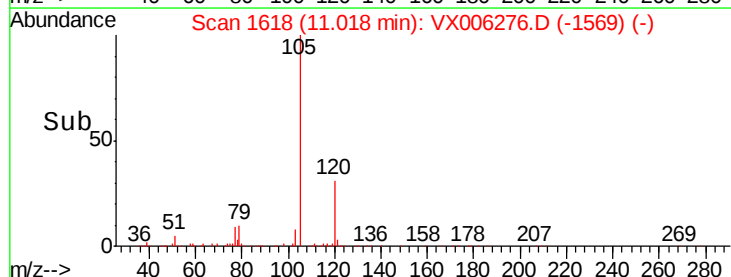
105 100

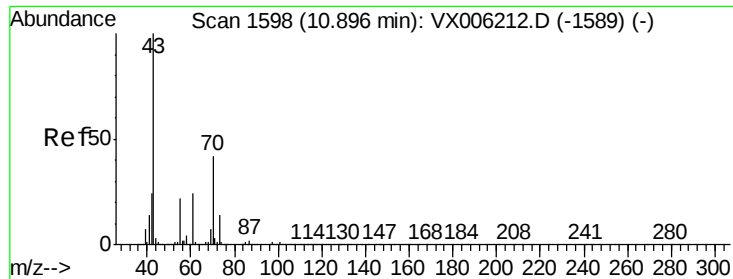
120 27.7 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.349 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

GD

Tot Ion: 43 Resp: 6138

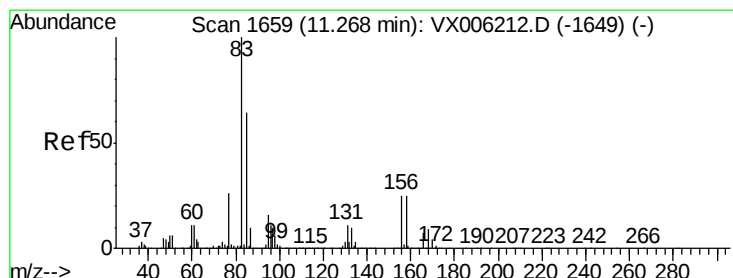
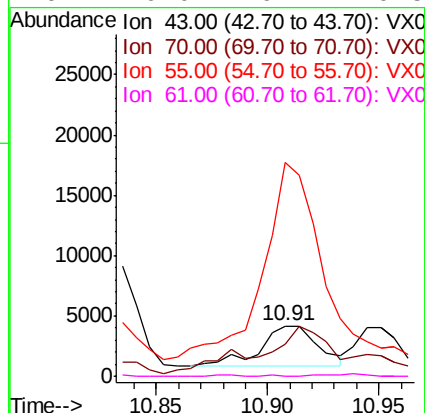
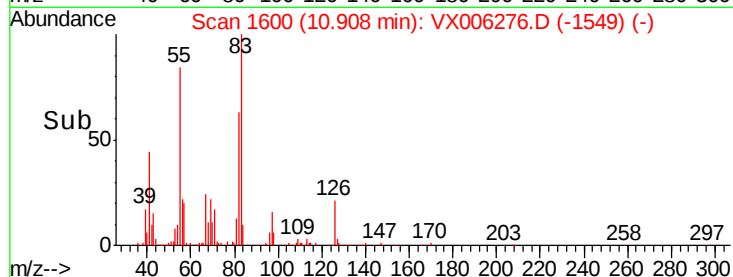
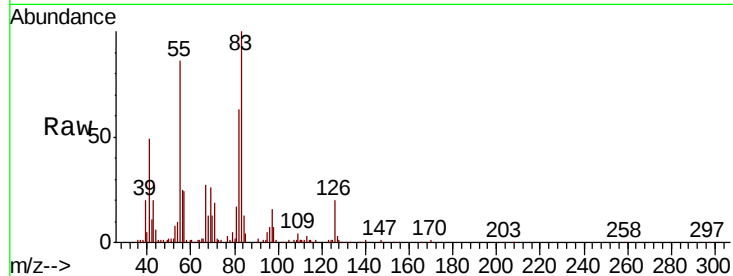
Ion Ratio Lower Upper

43 100

70 46.1 34.1 51.1

55 511.9 17.8 26.8#

61 0.0 19.7 29.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.311 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

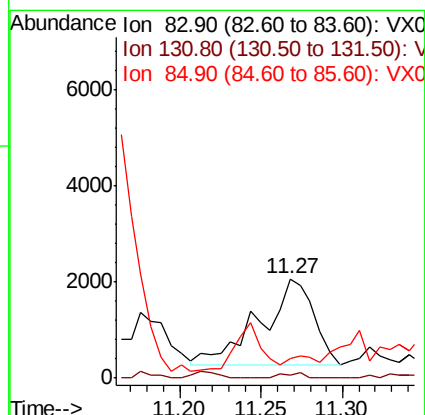
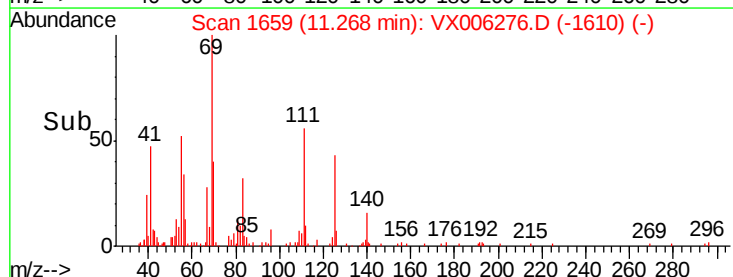
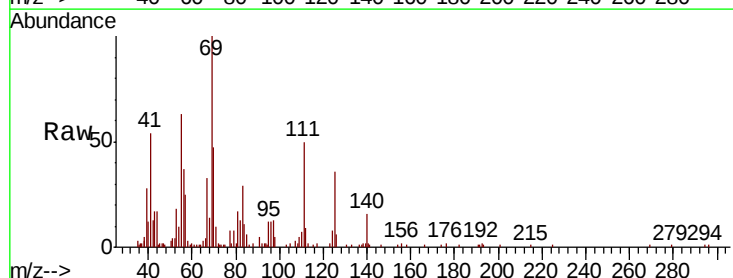
Tgt Ion: 83 Resp: 4067

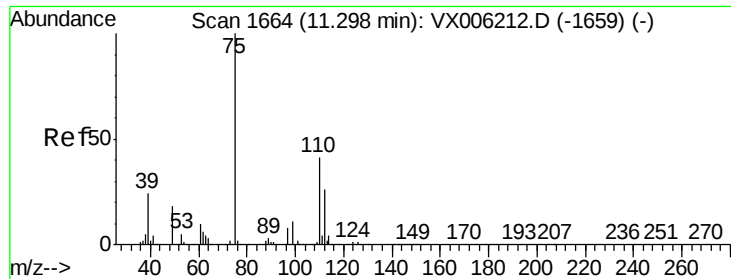
Ion Ratio Lower Upper

83 100

131 2.4 5.7 17.1#

85 0.0 32.1 96.5#

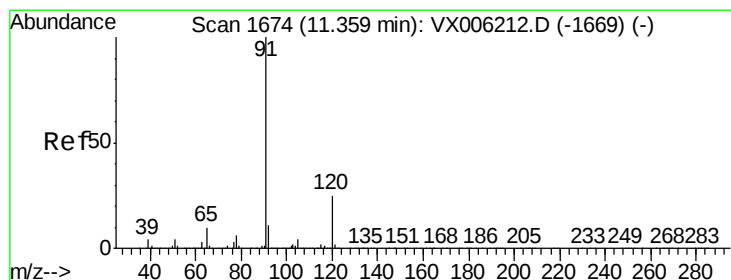
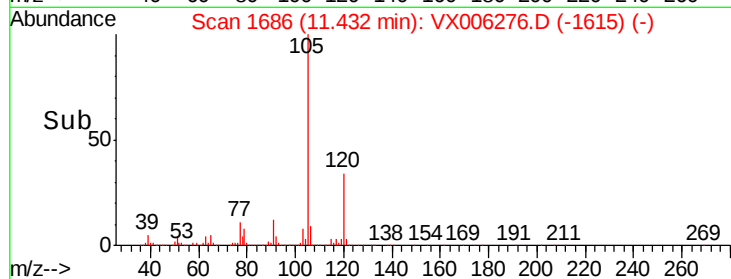
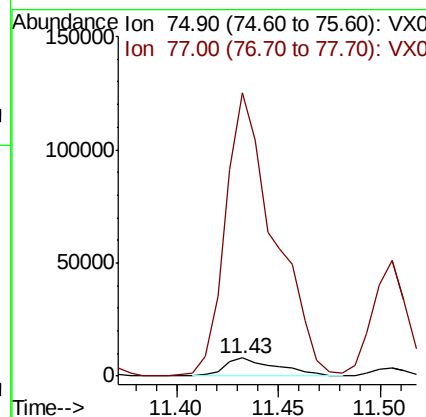
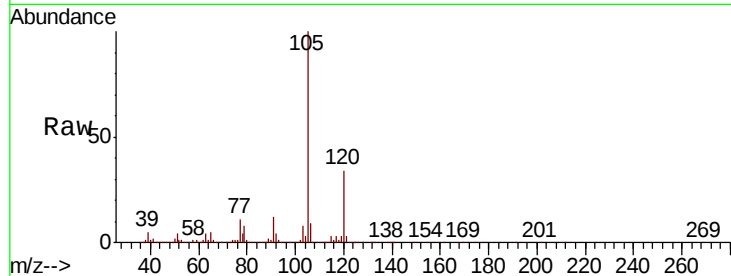




#76
1,2,3-Trichloropropane
Concen: 1.268 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.13 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

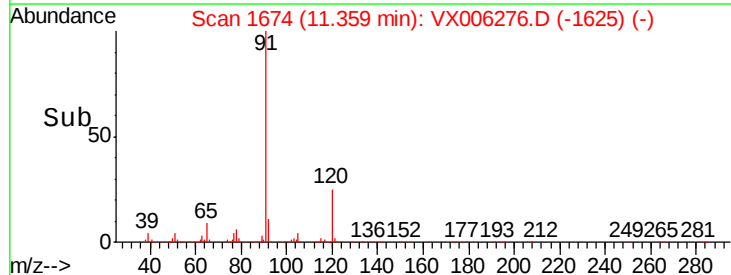
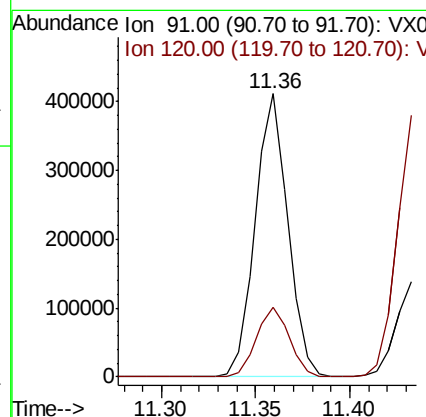
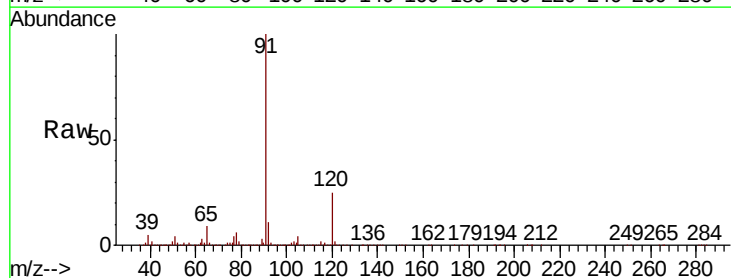
Instrument :
MSVOA_X
ClientSampled :
GD

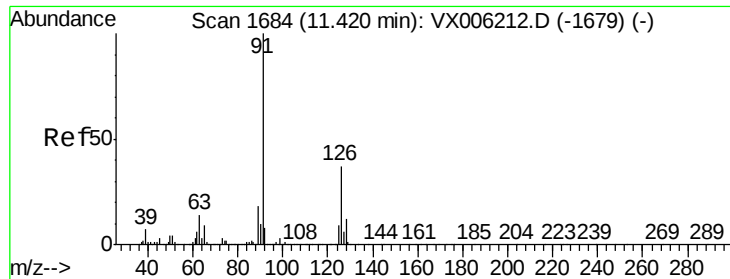
Tot Ion: 75 Resp: 14480
Ion Ratio Lower Upper
75 100
77 1429.8 19.9 59.7#



#78
n-propylbenzene
Concen: 10.850 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Tgt Ion: 91 Resp: 492914
Ion Ratio Lower Upper
91 100
120 25.1 12.7 38.0

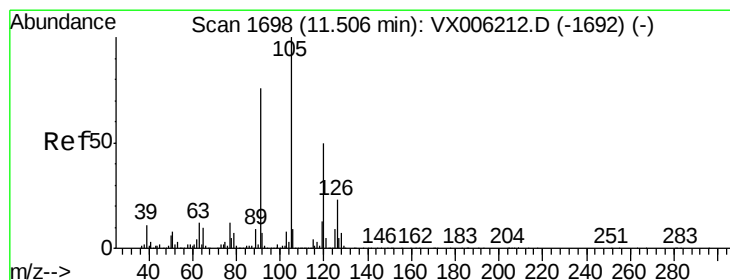
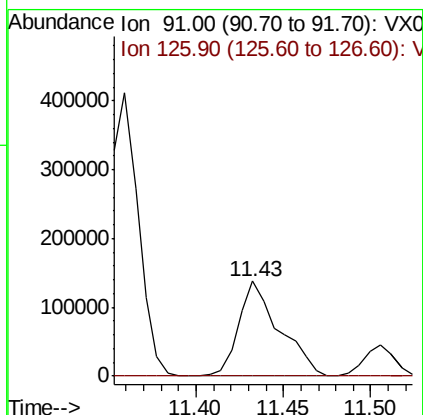
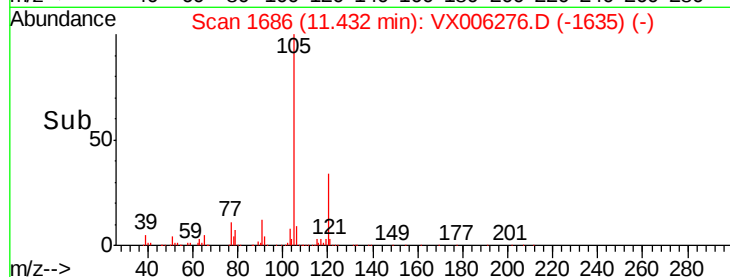
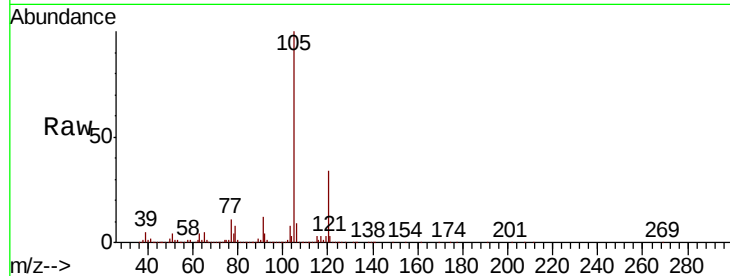




#79
 2-Chlorotoluene
 Concen: 8.189 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX006276.D
 Acq: 04 Dec 2018 14:15

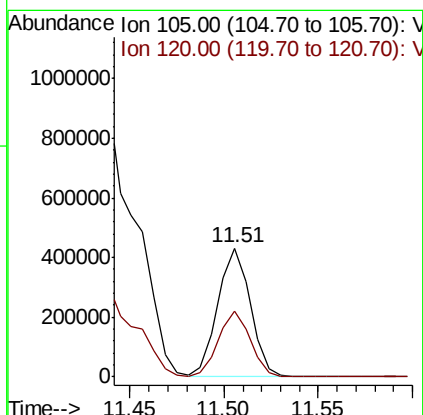
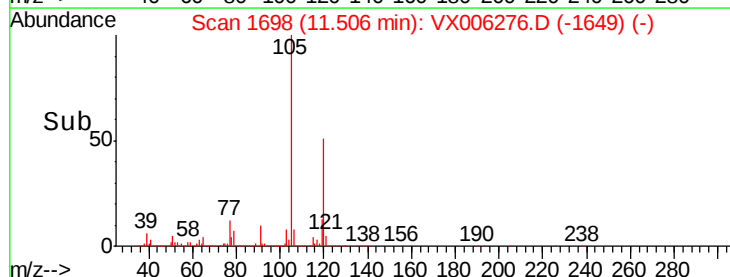
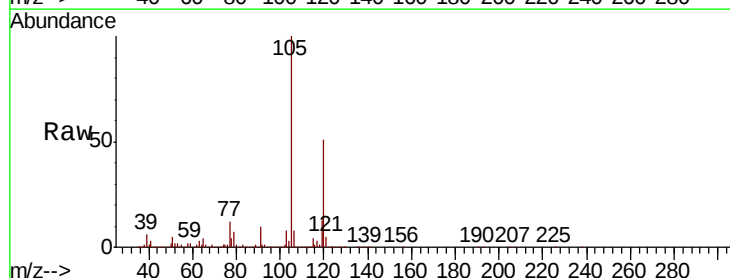
Instrument :
 MSVOA_X
 ClientSampleId :
 GD

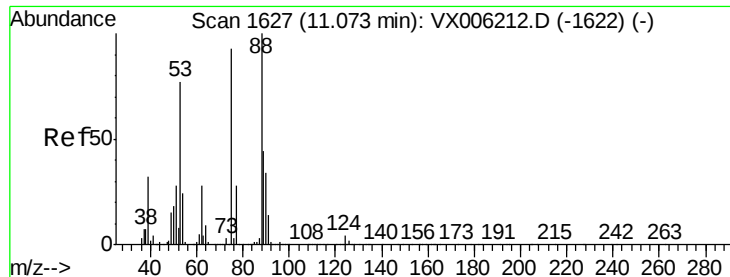
Tot Ion: 91 Resp: 221115
 Ion Ratio Lower Upper
 91 100
 126 0.2 18.6 56.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 15.223 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006276.D
 Acq: 04 Dec 2018 14:15

Tgt Ion: 105 Resp: 517624
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.315 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

GD

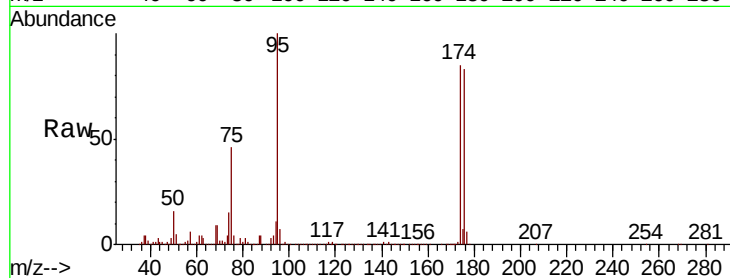
Tot Ion: 75 Resp: 259505

Ion Ratio Lower Upper

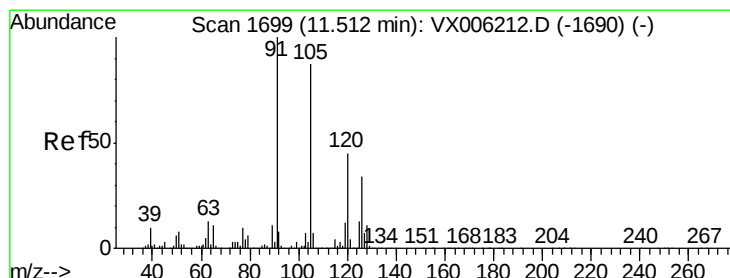
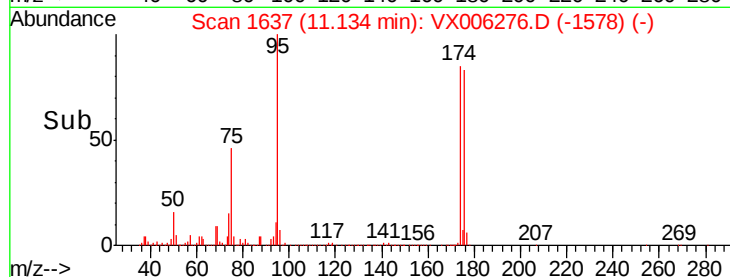
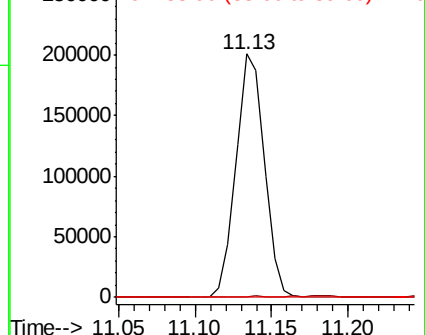
75 100

53 0.2 64.4 96.6#

89 0.0 44.2 66.4#



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: 1.688 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006276.D

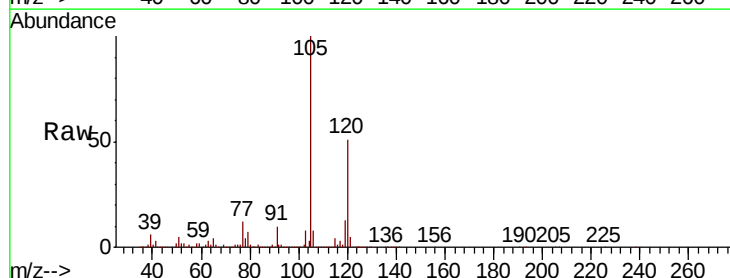
Acq: 04 Dec 2018 14:15

Tgt Ion: 91 Resp: 52993

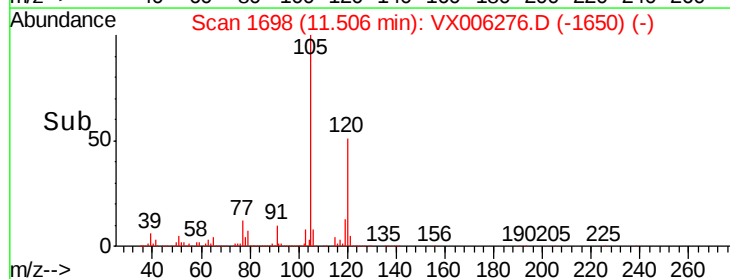
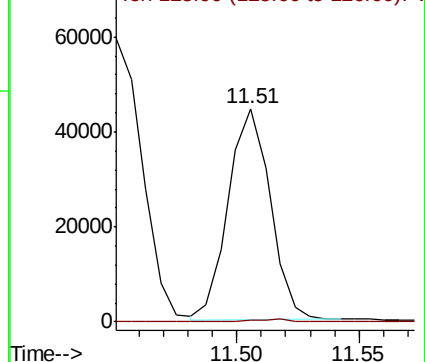
Ion Ratio Lower Upper

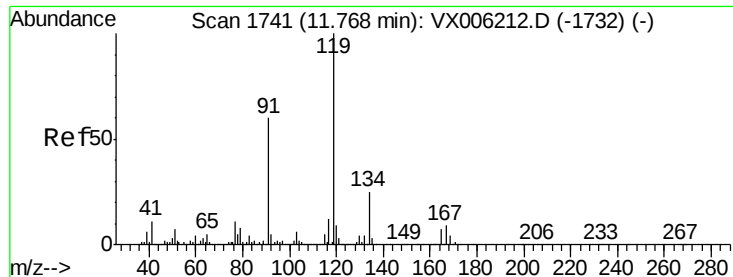
91 100

126 1.4 16.4 49.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 6.076 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

GD

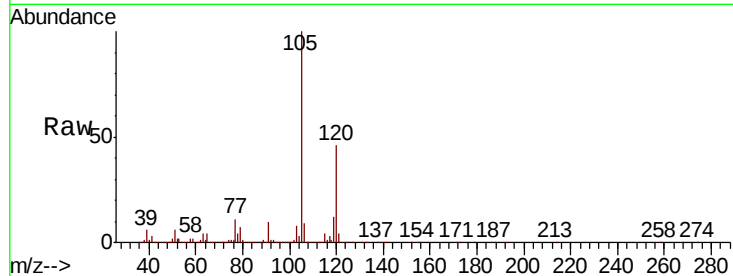
Tot Ion:119 Resp: 220433

Ion Ratio Lower Upper

119 100

91 83.0 26.4 79.2#

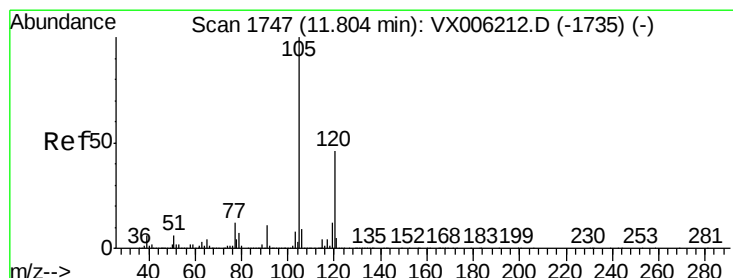
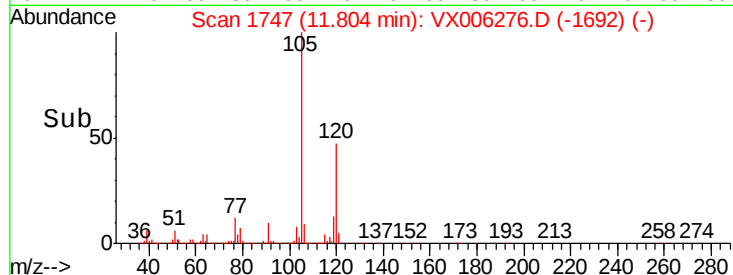
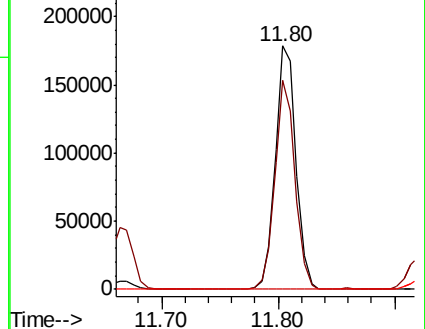
134 0.0 11.6 34.7#



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: 52.008 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006276.D

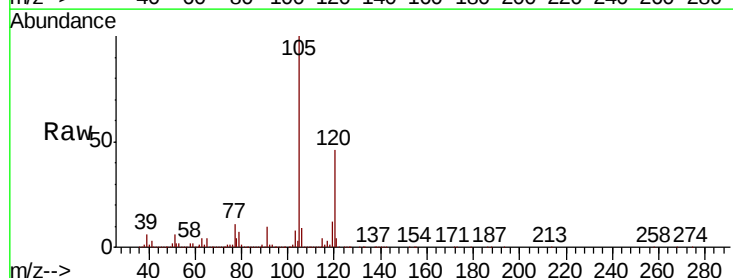
Acq: 04 Dec 2018 14:15

Tgt Ion:105 Resp: 1826054

Ion Ratio Lower Upper

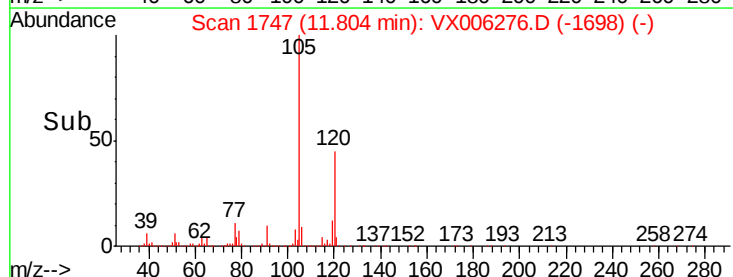
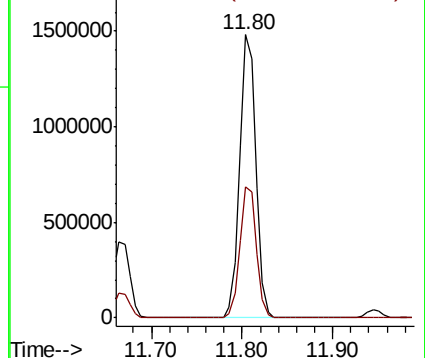
105 100

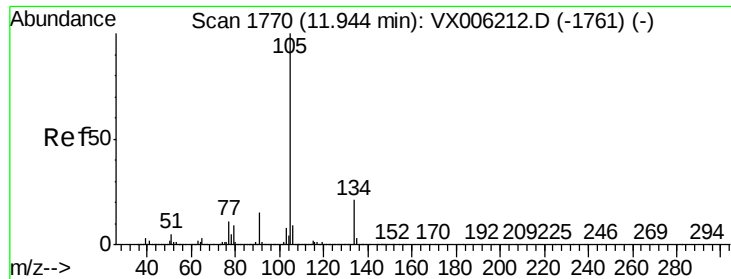
120 47.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

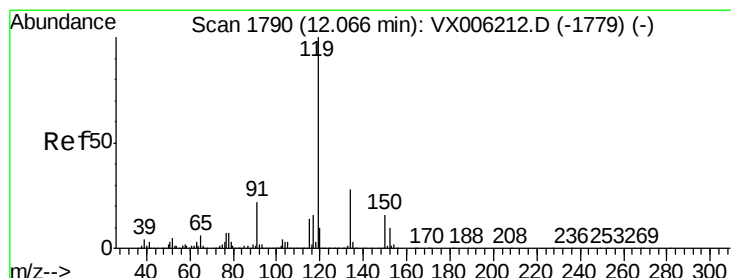
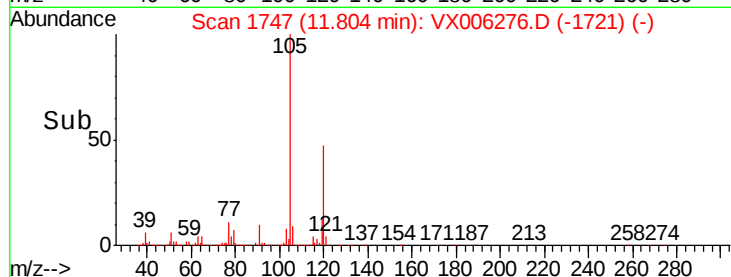
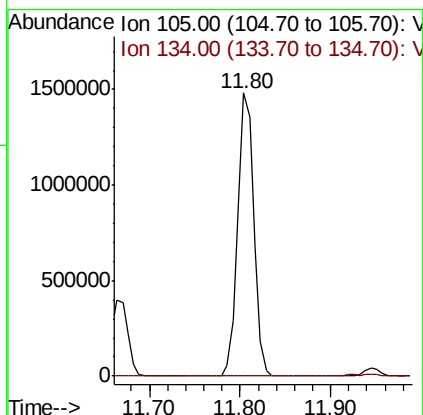
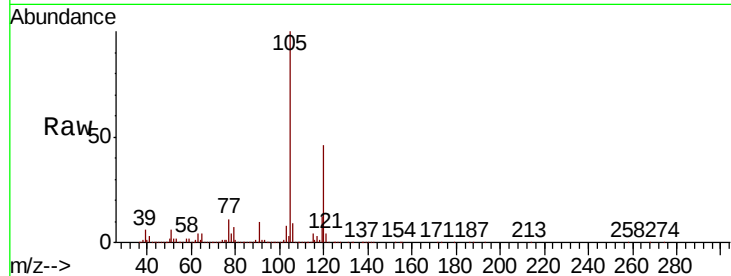




#85
 sec-Butylbenzene
 Concen: 44.242 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX006276.D
 Acq: 04 Dec 2018 14:15

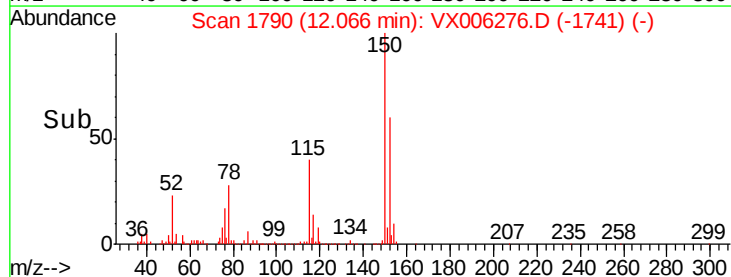
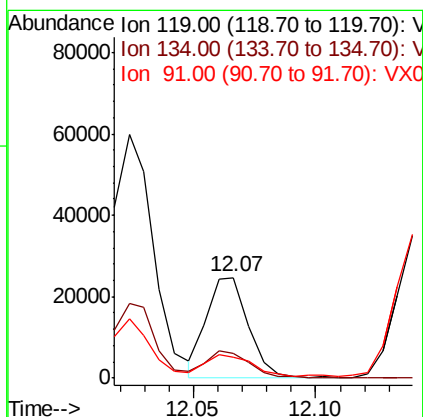
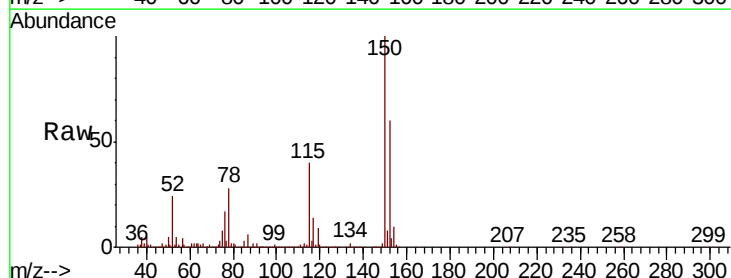
Instrument :
 MSVOA_X
 ClientSampleId :
 GD

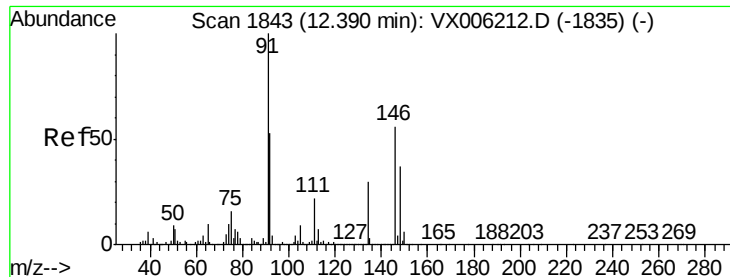
Tot Ion:105 Resp: 1826034
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#



#86
 p-Isopropyltoluene
 Concen: 0.778 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006276.D
 Acq: 04 Dec 2018 14:15

Tgt Ion:119 Resp: 28910
 Ion Ratio Lower Upper
 119 100
 134 28.8 13.9 41.6
 91 24.4 11.3 33.8





#89

n-Butylbenzene

Concen: 4.802 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampled :

GD

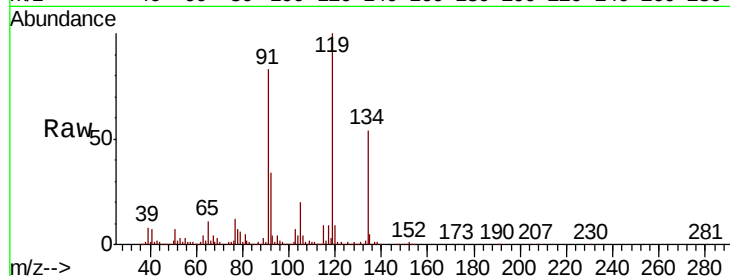
Tot Ion: 91 Resp: 152287

Ion Ratio Lower Upper

91 100

92 35.0 26.6 79.8

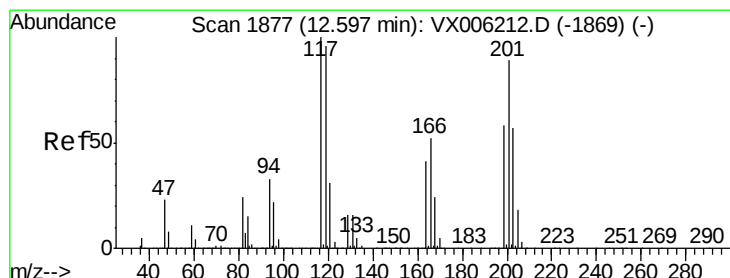
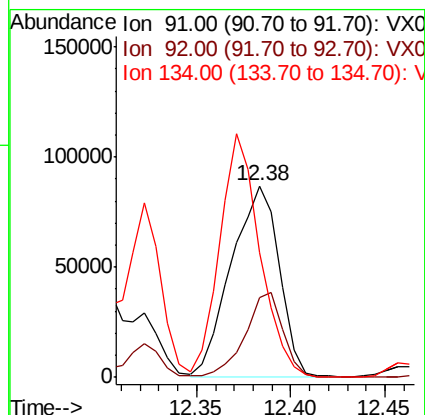
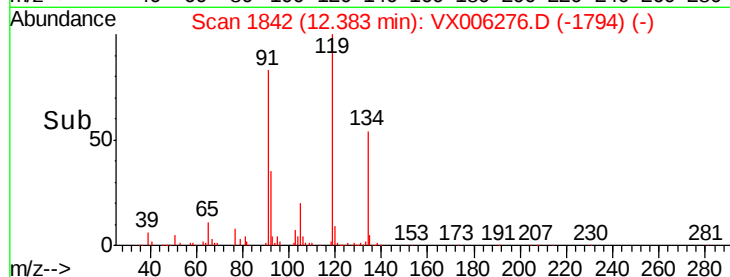
134 106.3 14.8 44.3#



Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX006212.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX006212.D (-1835) (-)



#90

Hexachloroethane

Concen: 2.134 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX006276.D

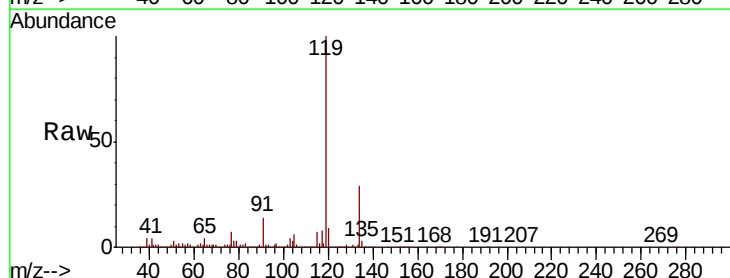
Acq: 04 Dec 2018 14:15

Tgt Ion: 117 Resp: 16162

Ion Ratio Lower Upper

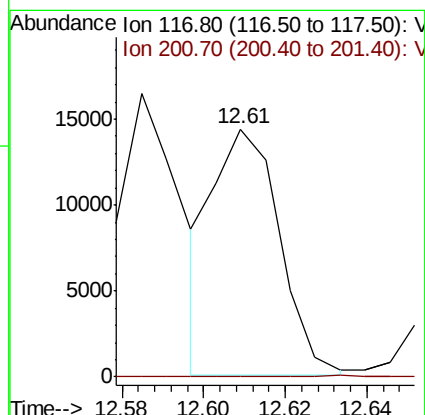
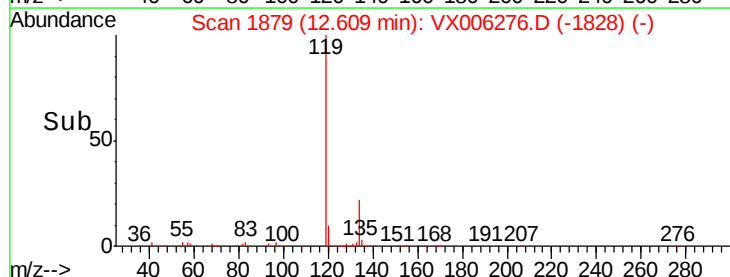
117 100

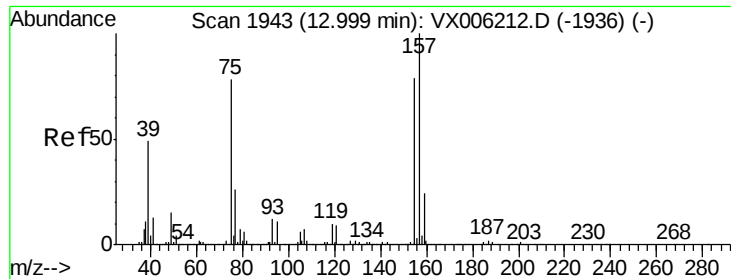
201 0.0 44.7 134.1#



Abundance Ion 116.80 (116.50 to 117.50): VX006212.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX006212.D (-1869) (-)

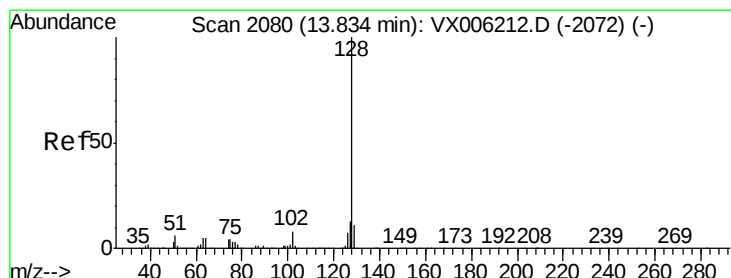
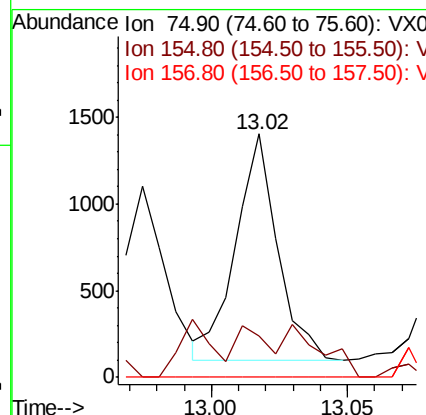
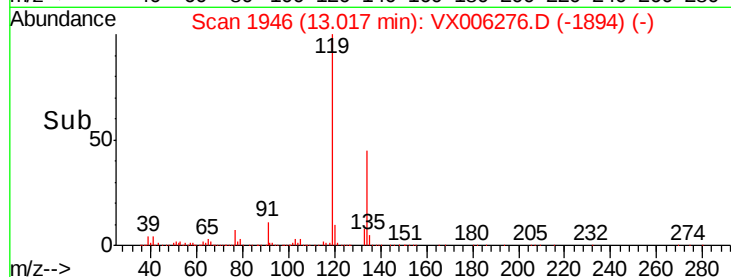
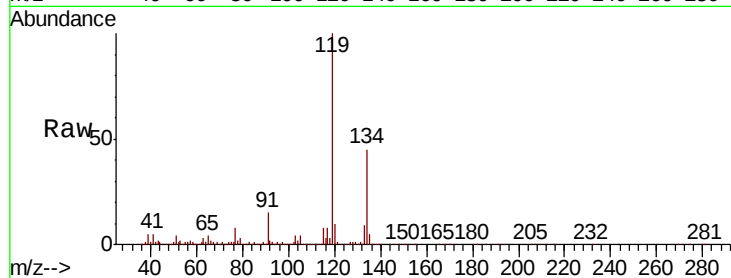




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.417 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX006276.D
 Acq: 04 Dec 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 GD

Tot Ion: 75 Resp: 1399
 Ion Ratio Lower Upper
 75 100
 155 10.3 53.4 160.3#
 157 0.0 68.0 203.8#



#95
 Naphthalene
 Concen: 4.908 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX006276.D
 Acq: 04 Dec 2018 14:15

Tgt Ion: 128 Resp: 223064
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.4
 129 12.1 8.9 13.3

