

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010429.D
 Acq On : 25 Jun 2019 11:21
 Operator : JC/SP
 Sample : K3500-09DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-A-061919DL

Quant Time: Jun 26 01:18:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	291448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	438280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	394211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191035	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	135282	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
35) Dibromofluoromethane	5.50	113	134818	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
50) Toluene-d8	8.71	98	518735	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.13	95	177631	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	606	0.257	ug/l #	85
5) Bromomethane	1.64	94	675	0.536	ug/l	92
10) Methyl Iodide	2.53	142	1112	0.314	ug/l	92
11) Tert butyl alcohol	3.02	59	7379	10.320	ug/l #	74
13) Acrolein	2.29	56	384	0.810	ug/l #	14
14) Allyl chloride	2.77	41	3092	0.862	ug/l #	62
15) Acrylonitrile	3.17	53	2296	1.622	ug/l #	30
16) Acetone	2.44	43	6231	4.550	ug/l	98
18) Methyl Acetate	2.78	43	2407	0.882	ug/l #	59
20) Methylene Chloride	2.85	84	645	0.229	ug/l #	14
25) 2-Butanone	4.68	43	2979	1.483	ug/l #	84
31) Cyclohexane	5.58	56	114732	29.067	ug/l	98
36) 1,1-Dichloropropene	5.67	75	18012	5.172	ug/l #	48
38) Carbon Tetrachloride	5.66	117	24468	6.488	ug/l #	15
39) Methylcyclohexane	7.46	83	18553	4.053	ug/l	94
49) 1,4-Dioxane	7.63	88	35	0.441	ug/l #	1
59) 2-Hexanone	9.62	43	1666	0.558	ug/l	61
67) Ethyl Benzene	10.25	91	181095	13.403	ug/l	100
68) m/p-Xylenes	10.36	106	80042	15.289	ug/l	100
69) o-Xylene	10.69	106	5647	1.097	ug/l	99
73) Isopropylbenzene	11.02	105	235096	18.154	ug/l	98
76) 1,2,3-Trichloropropane	11.36	75	3355	0.964	ug/l #	1
78) n-propylbenzene	11.36	91	569619	40.023	ug/l	99
79) 2-Chlorotoluene	11.36	91	569619	67.211	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	37346	3.498	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.02	75	2783	1.865	ug/l #	60
82) 4-Chlorotoluene	11.36	91	569619	59.066	ug/l #	42
83) tert-Butylbenzene	11.80	119	151861	14.173	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.80	105	1207664	112.596	ug/l	98
85) sec-Butylbenzene	11.80	105	1207589	95.987	ug/l #	55
86) p-Isopropyltoluene	12.14	119	50402	4.331	ug/l #	2
89) n-Butylbenzene	12.38	91	10657	1.078	ug/l #	43
90) Hexachloroethane	12.70	117	29168	14.496	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	428	0.463	ug/l #	1

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Response via : Initial Calibration

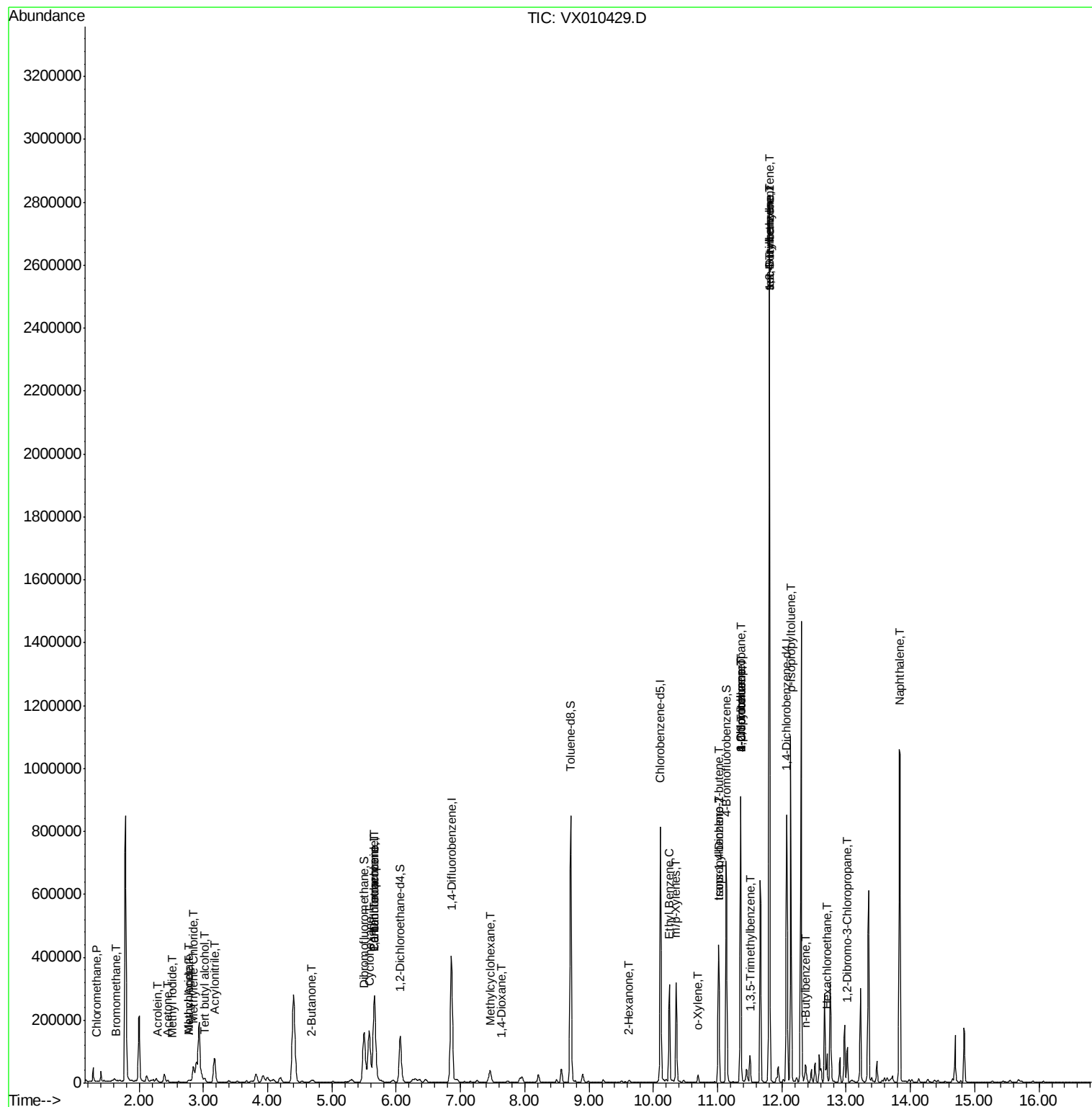
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	697942	52.206	ug/l	99

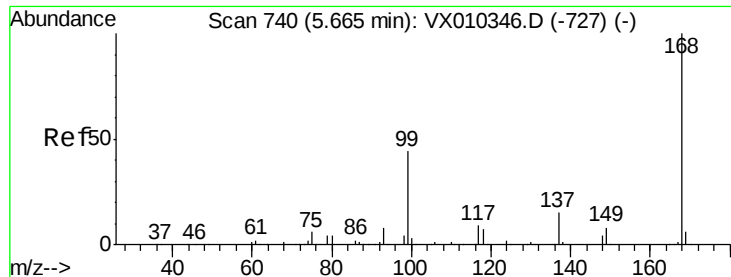
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062519\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

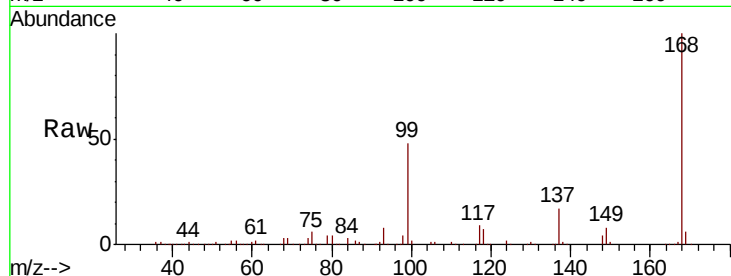
GW-A-061919DL

Tot Ion:168 Resp: 291448

Ion Ratio Lower Upper

168 100

99 47.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

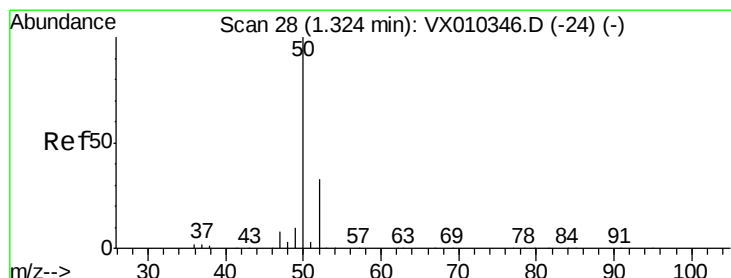
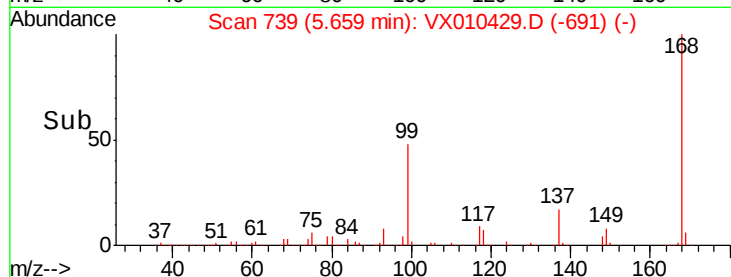
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.257 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010429.D

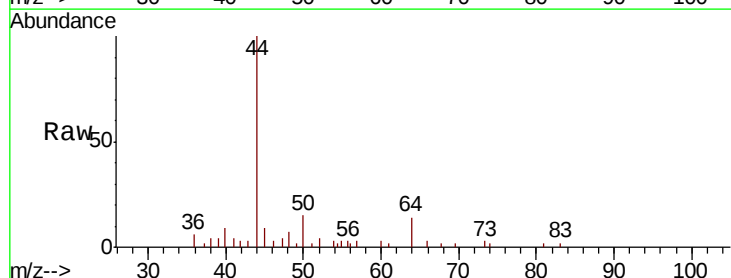
Acq: 25 Jun 2019 11:21

Tgt Ion: 50 Resp: 606

Ion Ratio Lower Upper

50 100

52 24.8 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

400

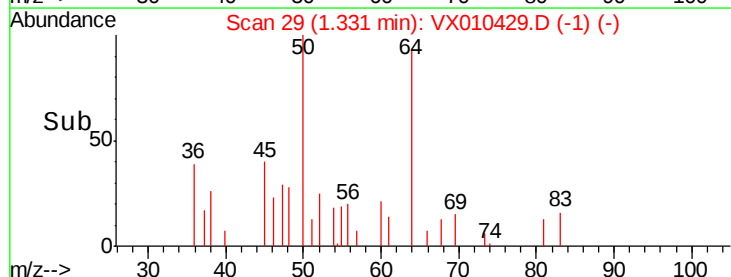
300

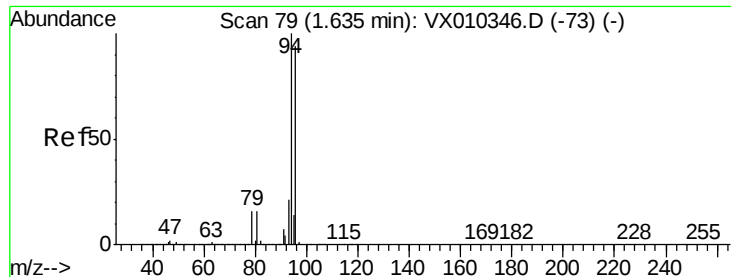
200

100

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: 0.536 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleID :

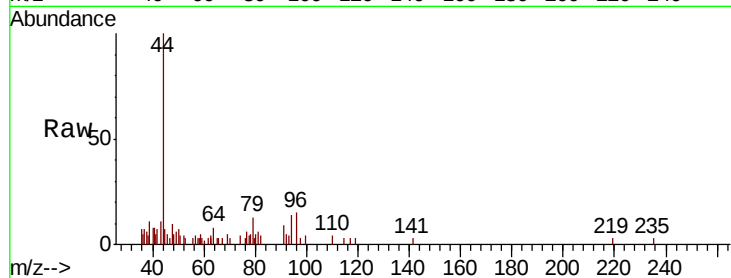
GW-A-061919DL

Tot Ion: 94 Resp: 675

Ion Ratio Lower Upper

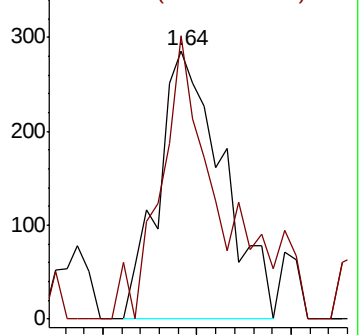
94 100

96 86.7 75.5 113.3

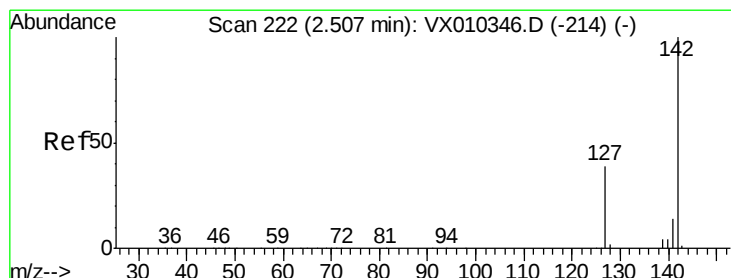
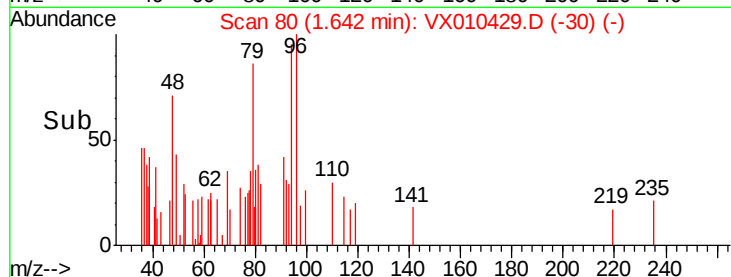


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#10

Methyl Iodide

Concen: 0.314 ug/l

RT: 2.53 min Scan# 225

Delta R.T. 0.02 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

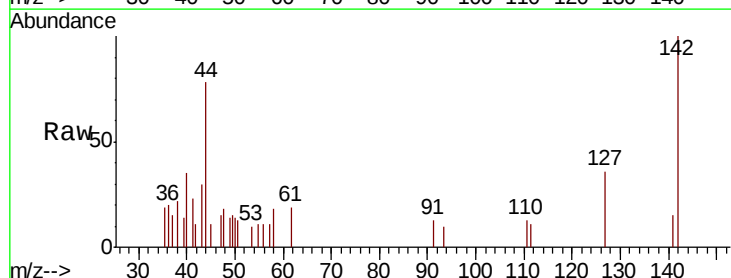
Tgt Ion: 142 Resp: 1112

Ion Ratio Lower Upper

142 100

127 45.3 31.1 46.7

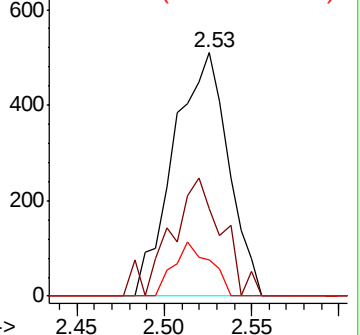
141 15.0 11.2 16.8



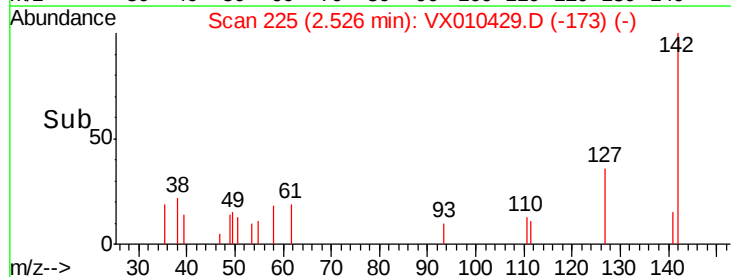
Abundance Ion 141.80 (141.50 to 142.50): V

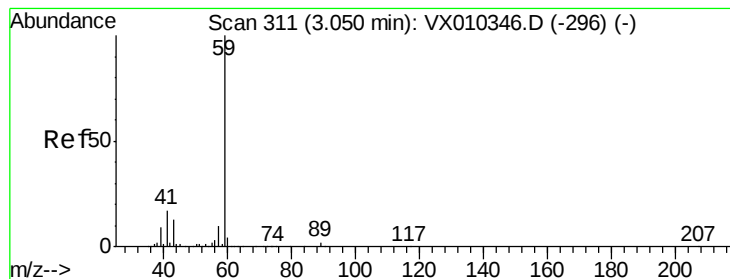
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



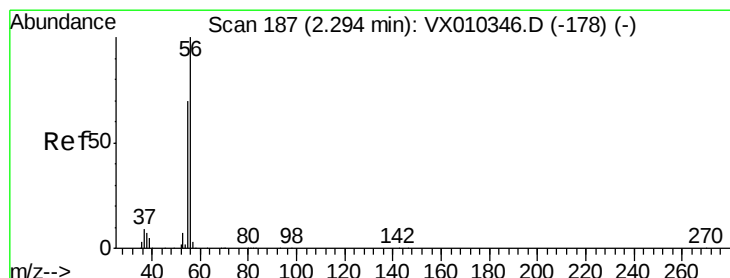
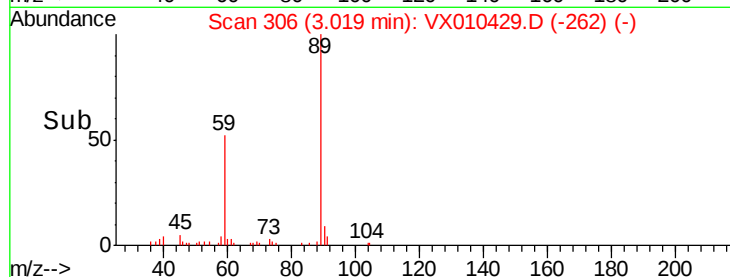
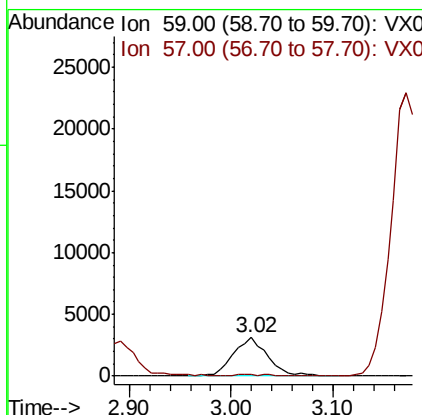
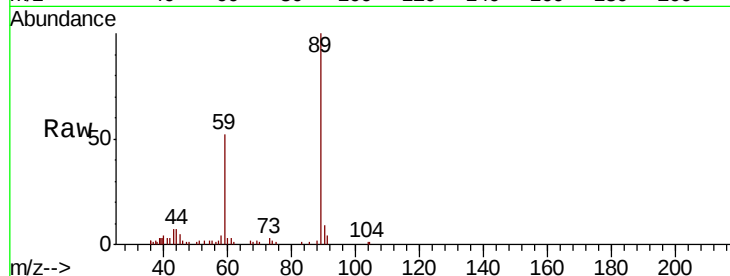


#11

Tert butyl alcohol
 Concen: 10.320 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010429.D
 Acq: 25 Jun 2019 11:21

Instrument :
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 GW-A-061919DL

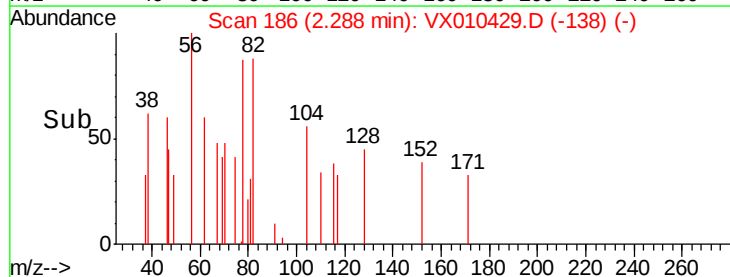
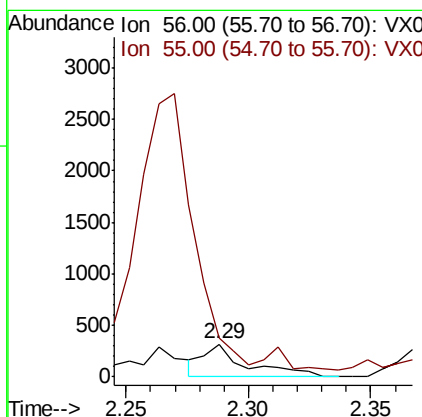
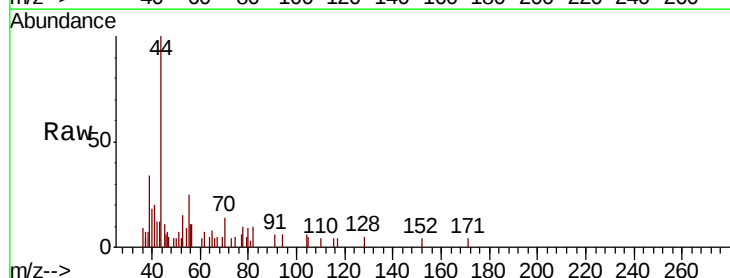
Tot Ion: 59 Resp: 7379
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

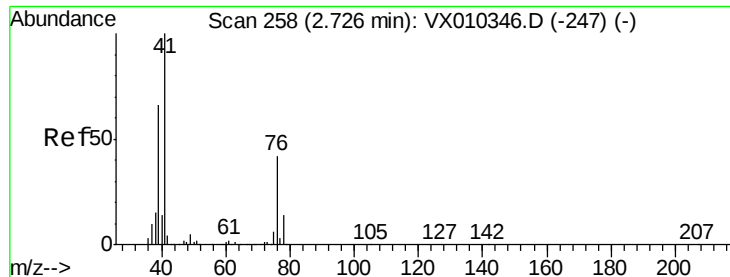


#13

Acrolein
 Concen: 0.810 ug/l
 RT: 2.29 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: VX010429.D
 Acq: 25 Jun 2019 11:21

Tgt Ion: 56 Resp: 384
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.9 85.3#

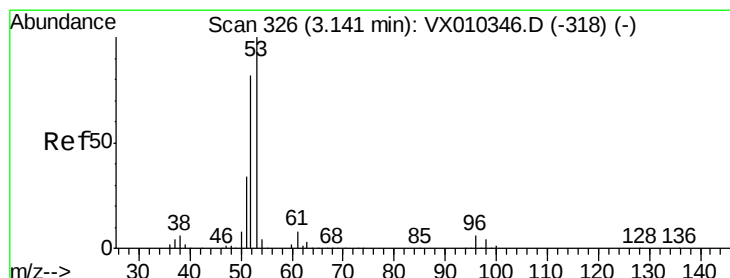
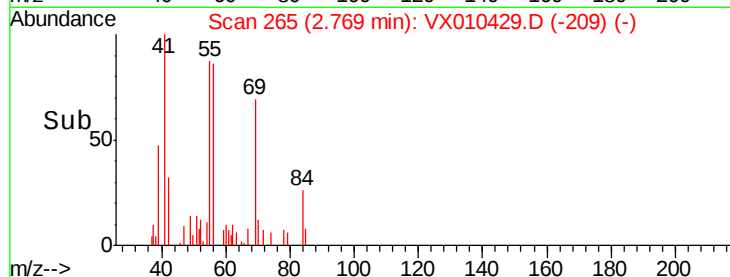
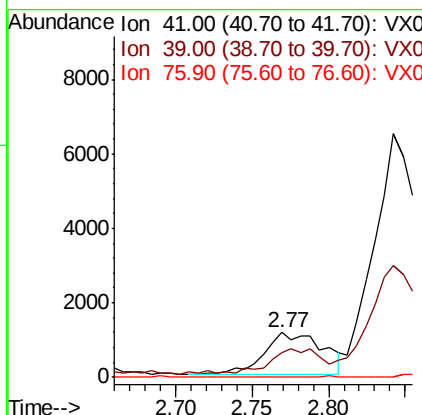
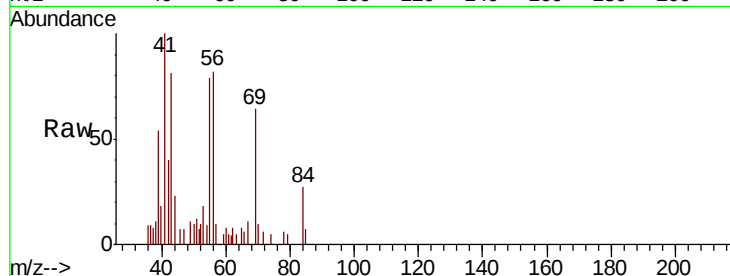




#14
Allvl chloride
Concen: 0.862 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.04 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

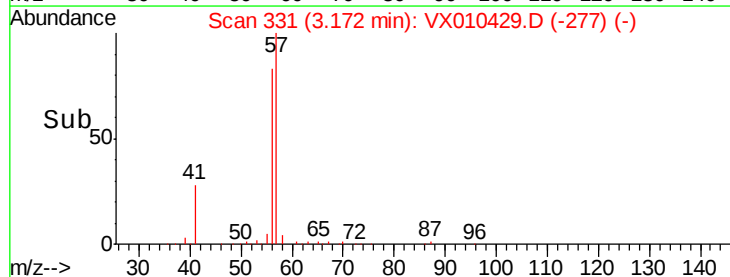
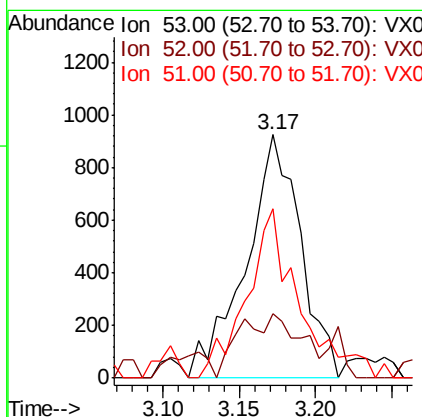
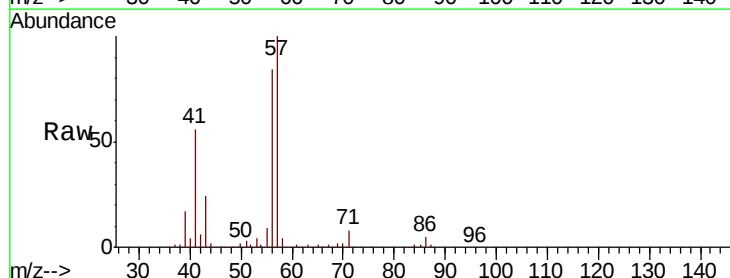
Instrument :
MSVOA_X
ClientSampleId :
GW-A-061919DL

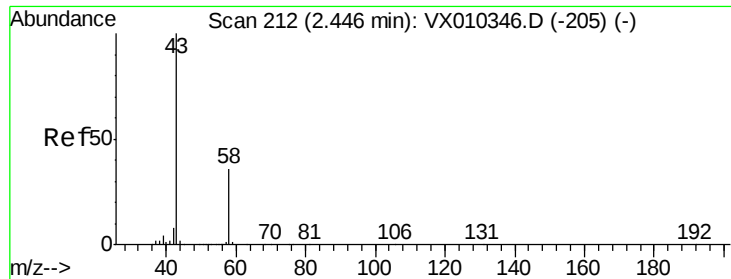
Tot Ion: 41 Resp: 3092
Ion Ratio Lower Upper
41 100
39 46.4 50.3 75.5#
76 0.0 31.3 46.9#



#15
Acrylonitrile
Concen: 1.622 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.03 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Tgt Ion: 53 Resp: 2296
Ion Ratio Lower Upper
53 100
52 13.6 65.5 98.3#
51 67.5 28.2 42.4#





#16

Acetone

Concen: 4.550 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

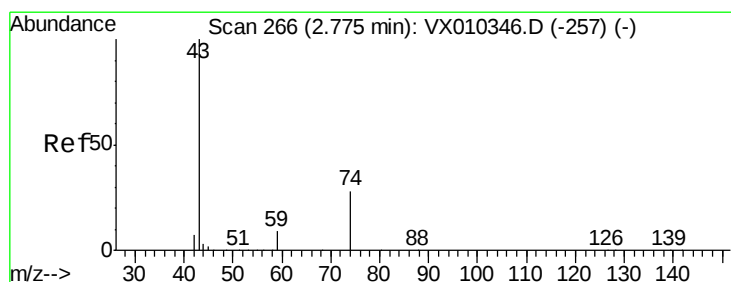
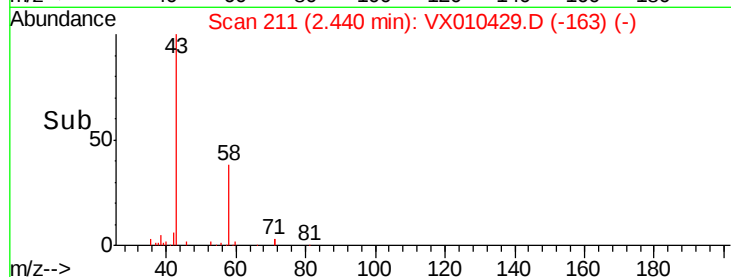
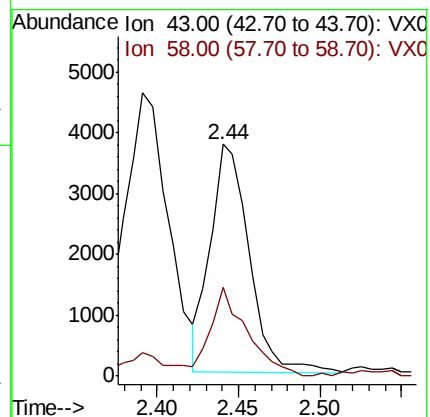
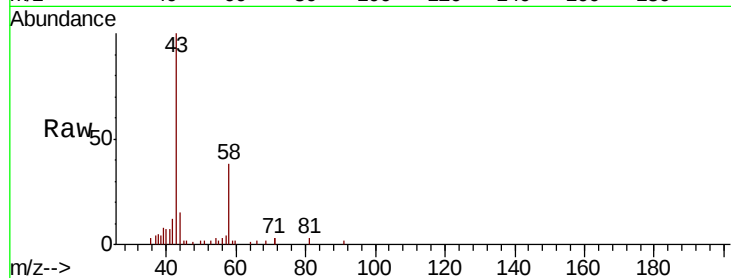
GW-A-061919DL

Tot Ion: 43 Resp: 6231

Ion Ratio Lower Upper

43 100

58 37.4 28.9 43.3



#18

Methyl Acetate

Concen: 0.882 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010429.D

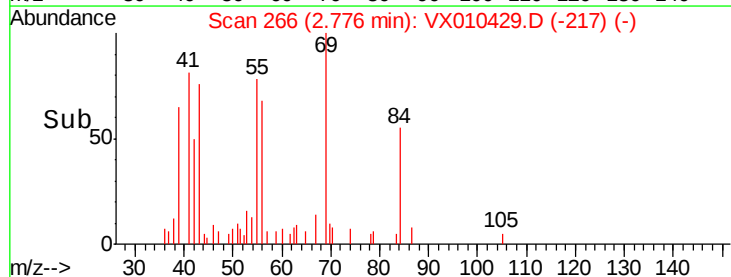
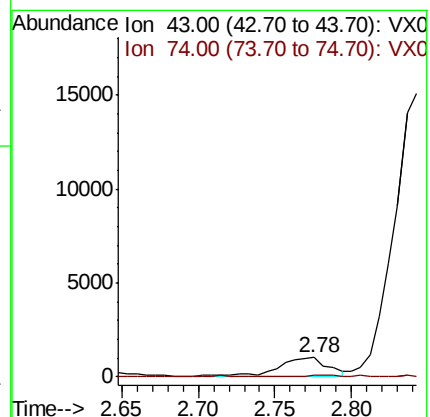
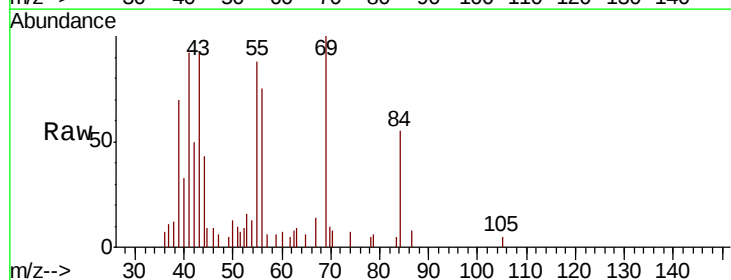
Acq: 25 Jun 2019 11:21

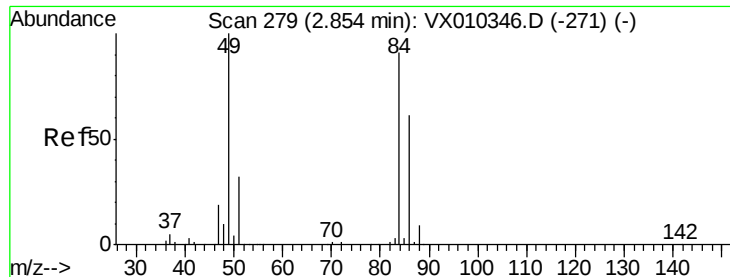
Tgt Ion: 43 Resp: 2407

Ion Ratio Lower Upper

43 100

74 5.3 21.3 31.9#

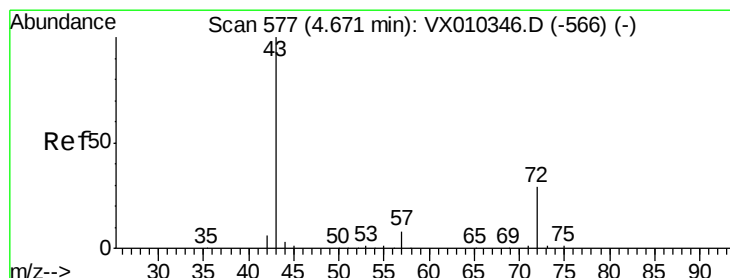
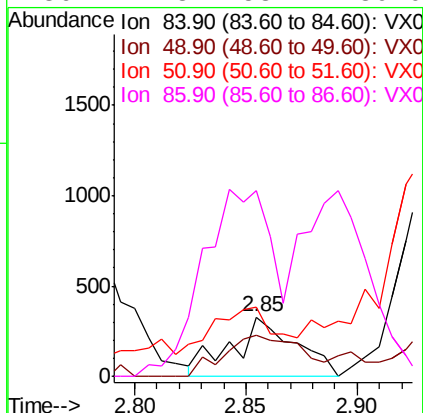
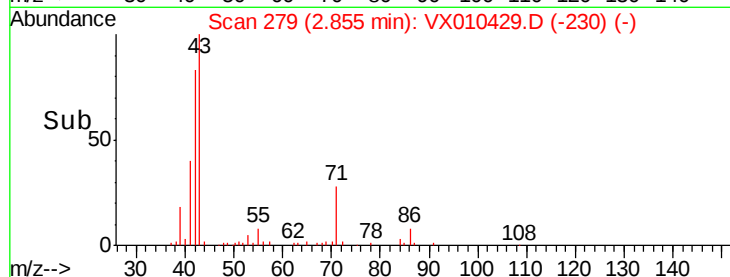
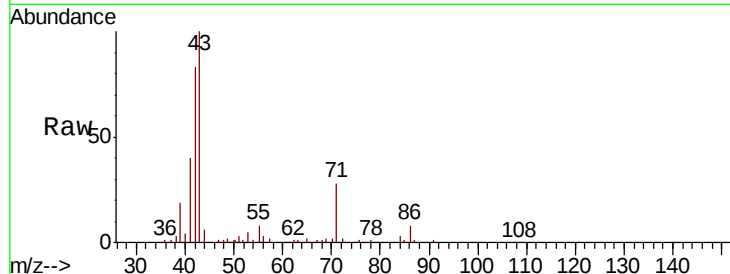




#20
Methvlene Chloride
Concen: 0.229 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

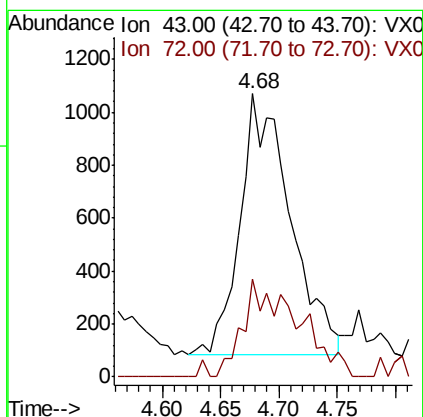
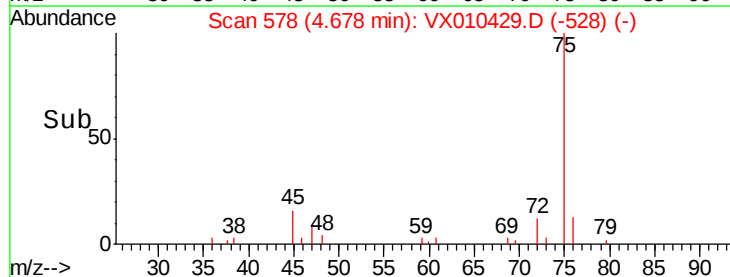
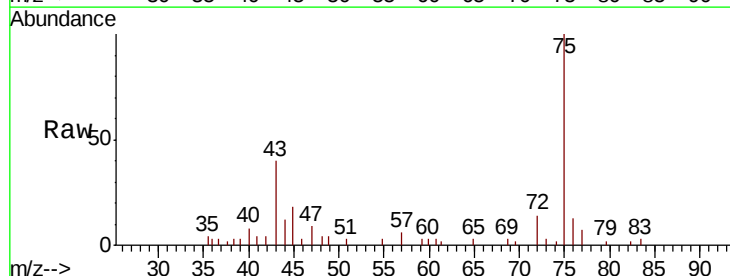
Instrument :
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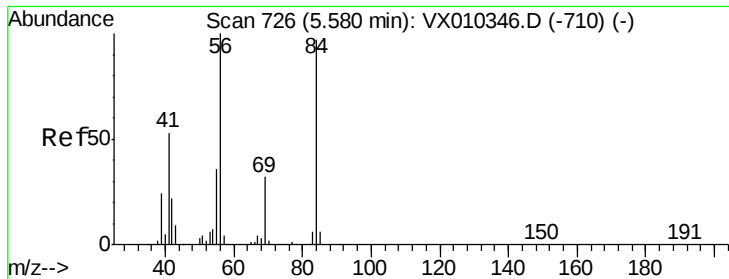
Tot Ion: 84 Resp: 645
Ion Ratio Lower Upper
84 100
49 69.0 87.5 131.3#
51 62.0 27.7 41.5#
86 212.8 53.4 80.0#



#25
2-Butanone
Concen: 1.483 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Tgt Ion: 43 Resp: 2979
Ion Ratio Lower Upper
43 100
72 37.7 23.3 34.9#

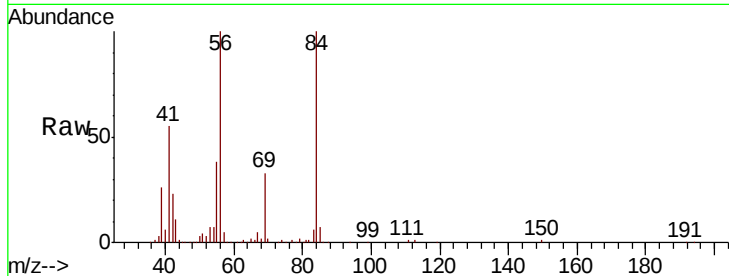




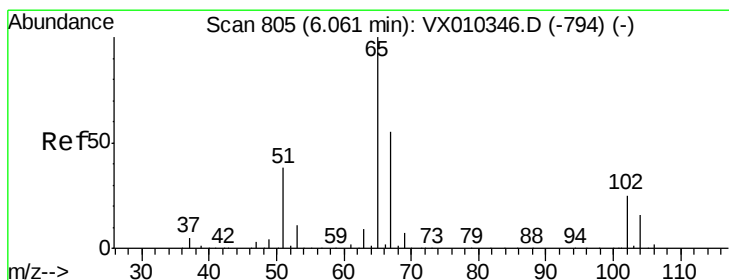
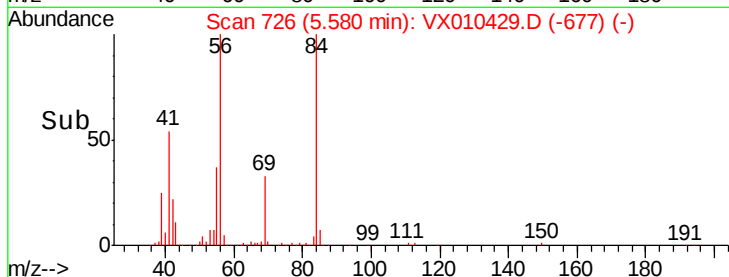
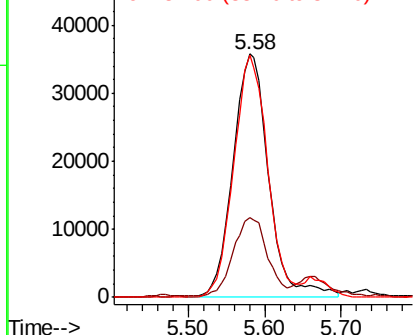
#31
Cyclohexane
Concen: 29.067 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Instrument :
MSVOA_X
ClientSampleId :
GW-A-061919DL

Tot Ion: 56 Resp: 114732
Ion Ratio Lower Upper
56 100
69 32.4 25.9 38.9
84 99.9 78.0 117.0

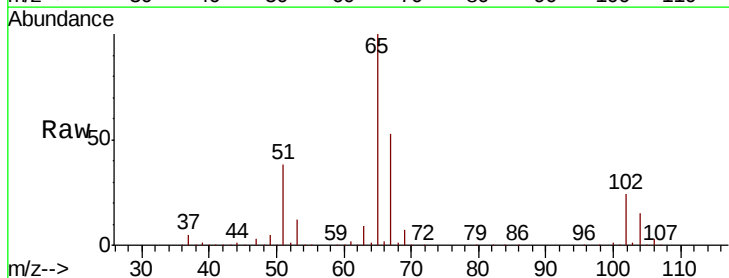


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

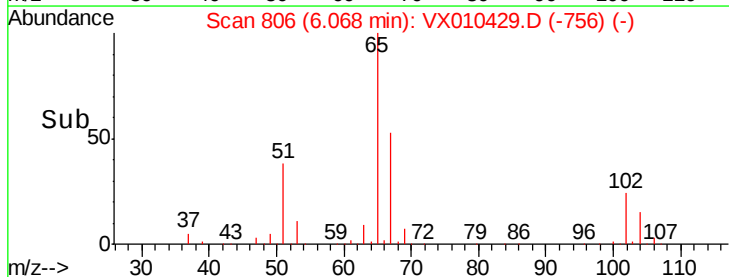
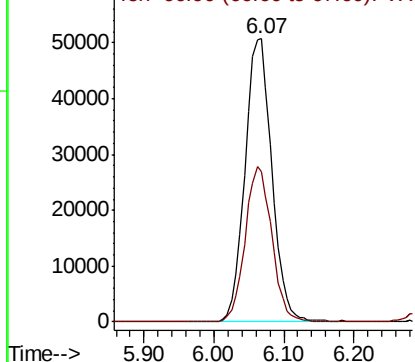


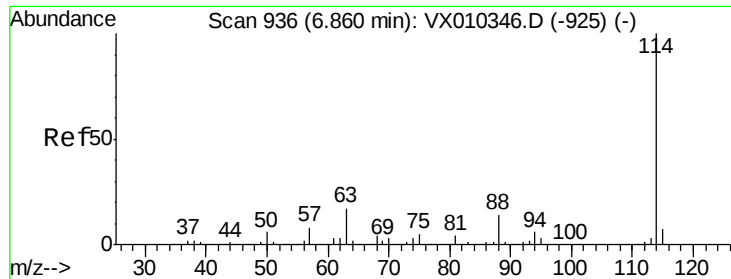
#33
1,2-Dichloroethane-d4
Concen: 49.506 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Tgt Ion: 65 Resp: 135282
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

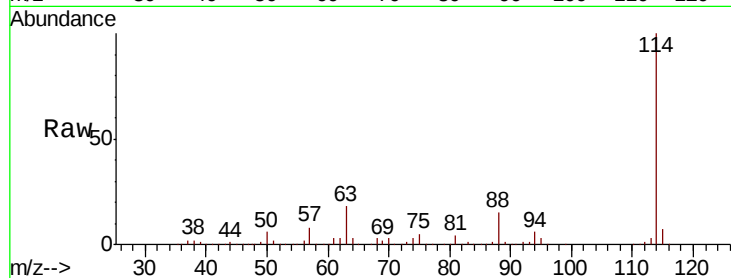




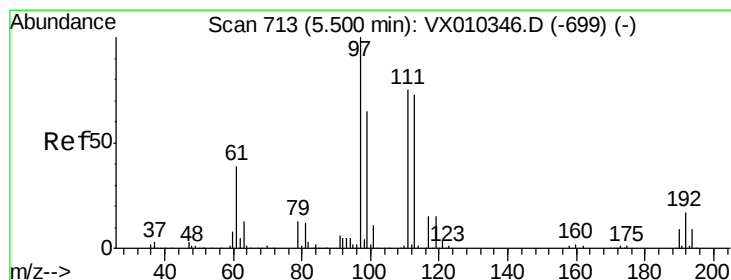
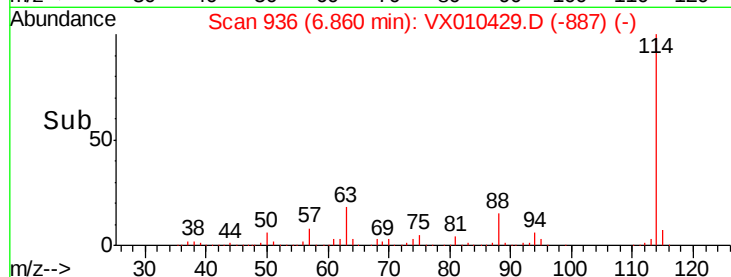
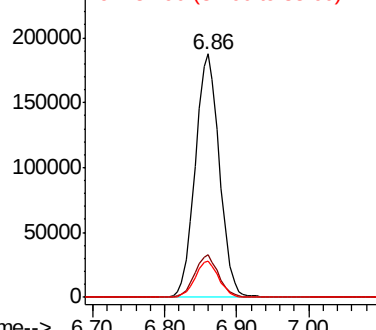
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010429.D
 Acq: 25 Jun 2019 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-A-061919DL

Tot Ion:114 Resp: 438280
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.8
 88 14.7 0.0 27.6

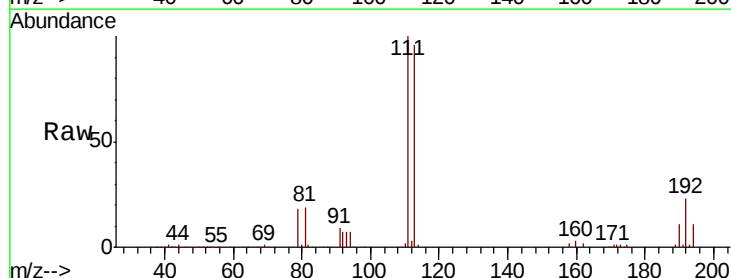


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

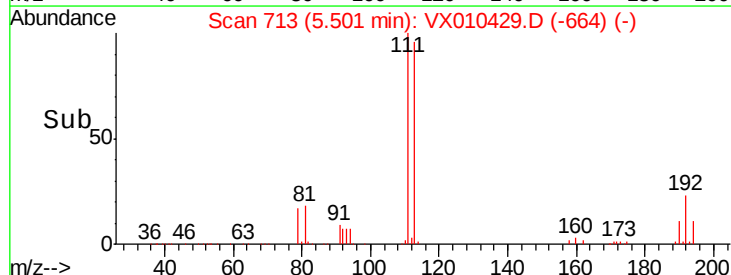
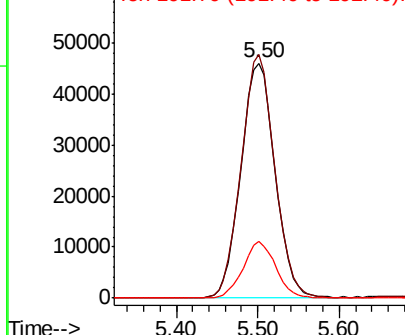


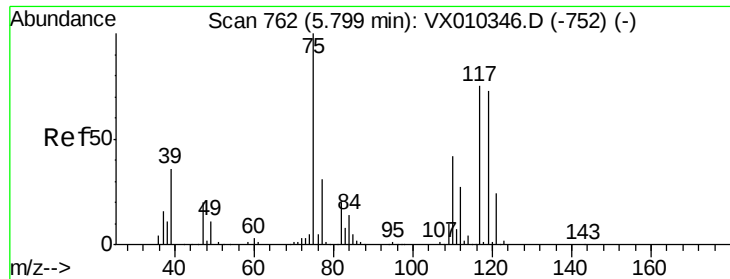
#35
 Dibromofluoromethane
 Concen: 50.276 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010429.D
 Acq: 25 Jun 2019 11:21

Tgt Ion:113 Resp: 134818
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.2 121.8
 192 22.9 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

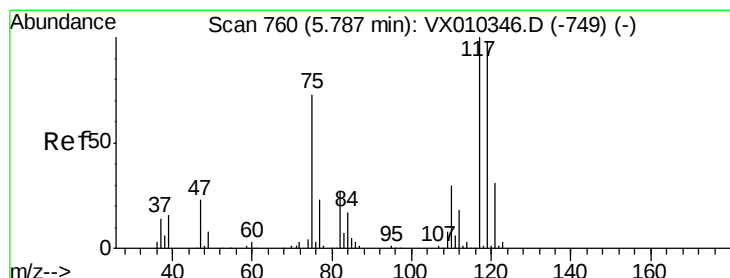
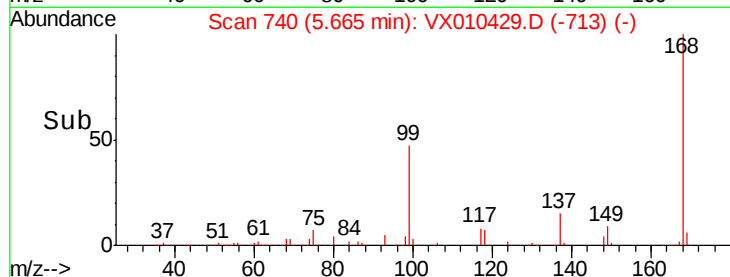
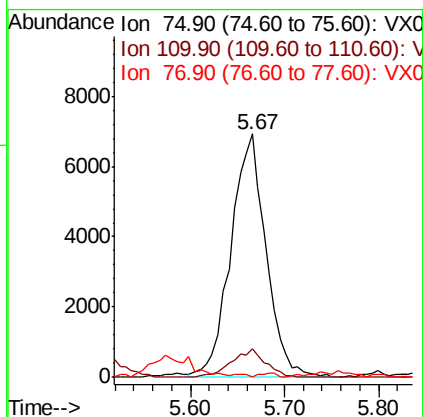
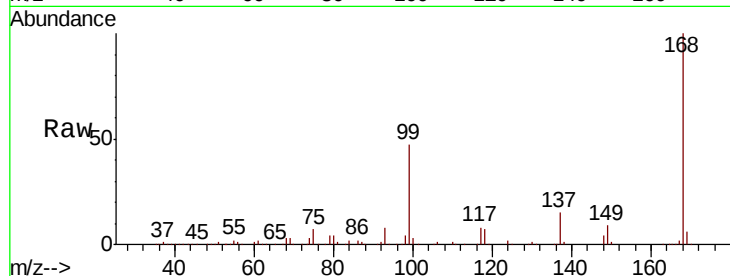




#36
 1,1-Dichloropropene
 Concen: 5.172 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010429.D
 Acq: 25 Jun 2019 11:21

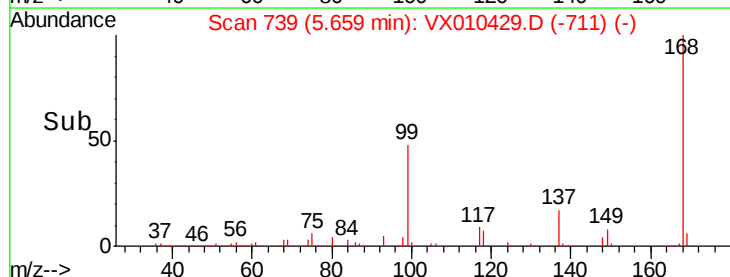
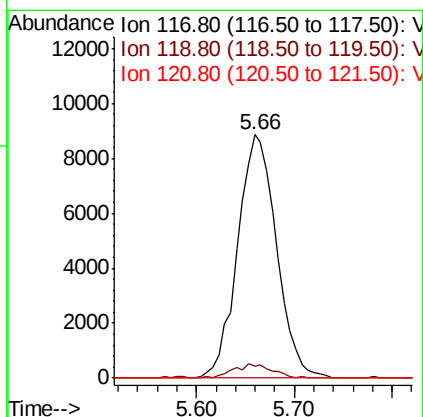
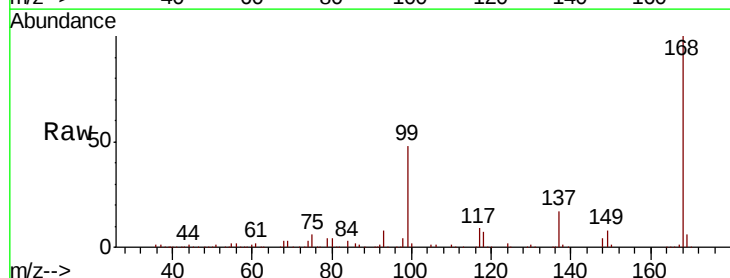
Instrument :
 MSVOA_X
 ClientSampleID :
 GW-A-061919DL

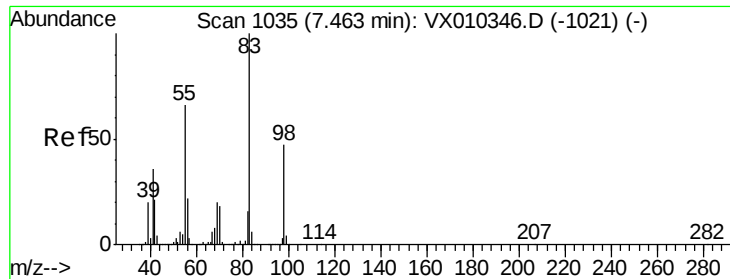
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.3	20.8	62.2#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.488 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010429.D
 Acq: 25 Jun 2019 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.2	117.4#
121	0.0	24.7	37.1#





#39

Methylcyclohexane

Concen: 4.053 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleID :

GW-A-061919DL

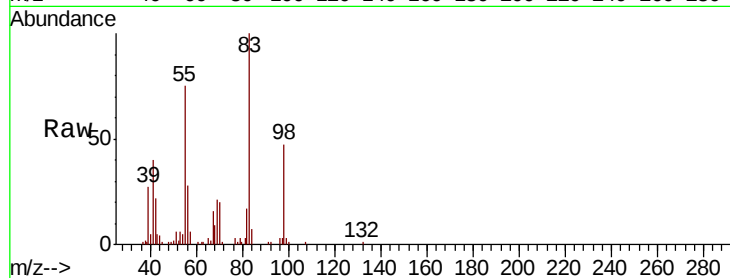
Tot Ion: 83 Resp: 18553

Ion Ratio Lower Upper

83 100

55 74.4 53.0 79.6

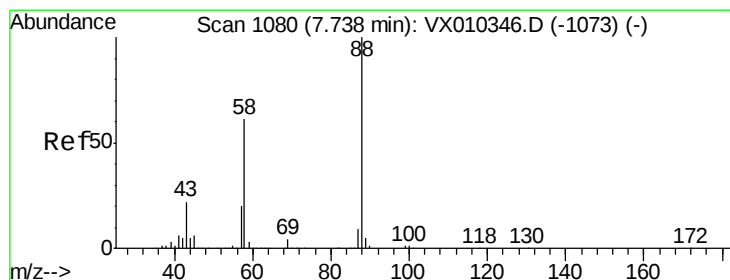
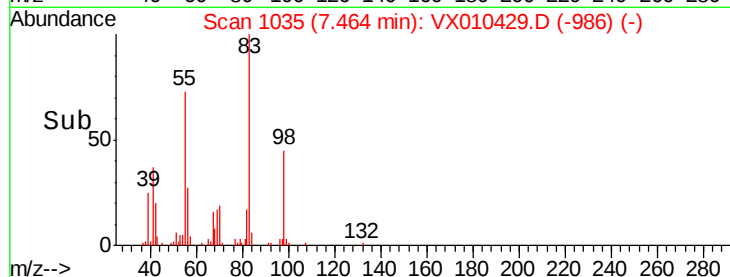
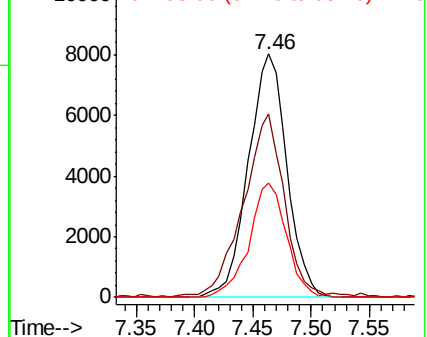
98 47.2 37.8 56.8



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



#49

1,4-Dioxane

Concen: 0.441 ug/l

RT: 7.63 min Scan# 1062

Delta R.T. -0.11 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

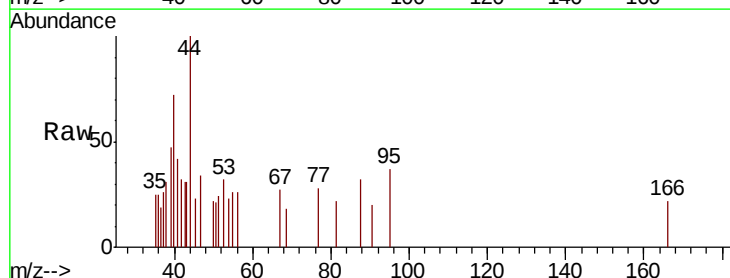
Tgt Ion: 88 Resp: 35

Ion Ratio Lower Upper

88 100

43 1145.7 20.2 30.2#

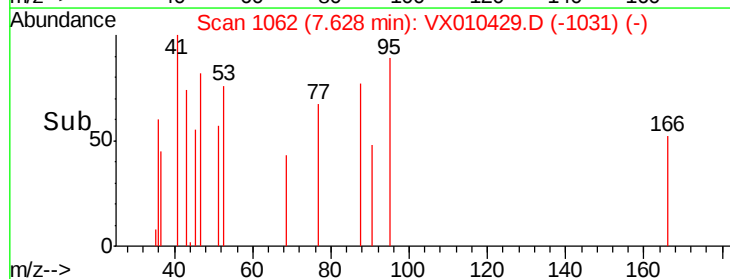
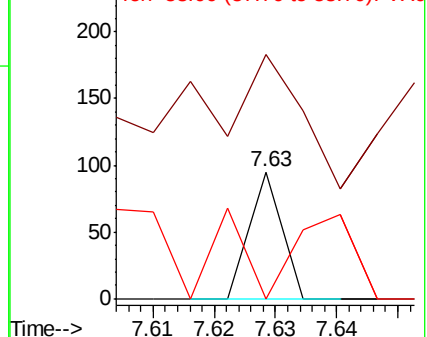
58 0.0 49.5 74.3#

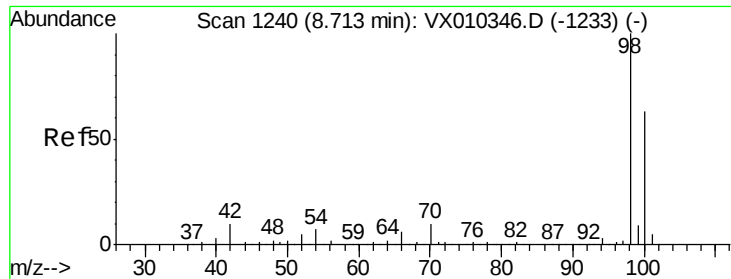


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.563 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

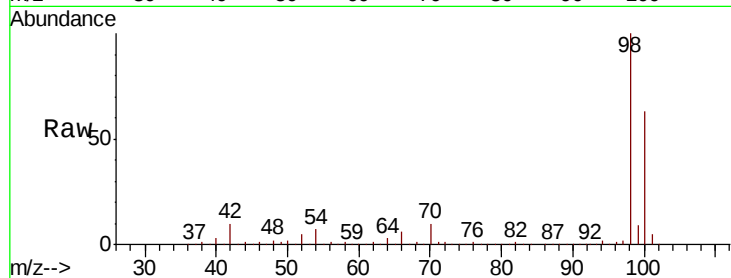
GW-A-061919DL

Tot Ion: 98 Resp: 518735

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

300000

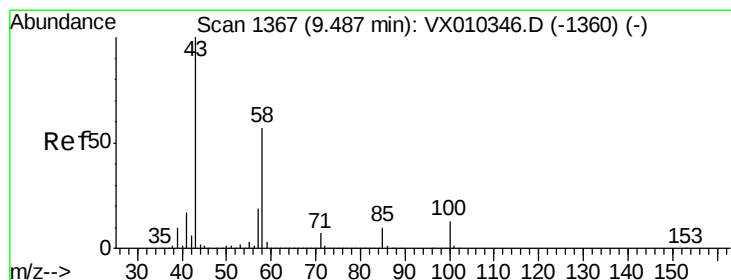
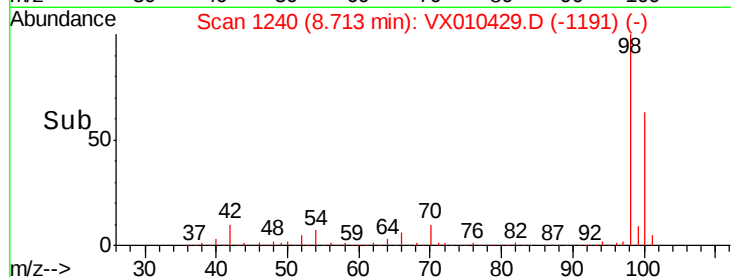
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#59

2-Hexanone

Concen: 0.558 ug/l

RT: 9.62 min Scan# 1389

Delta R.T. 0.13 min

Lab File: VX010429.D

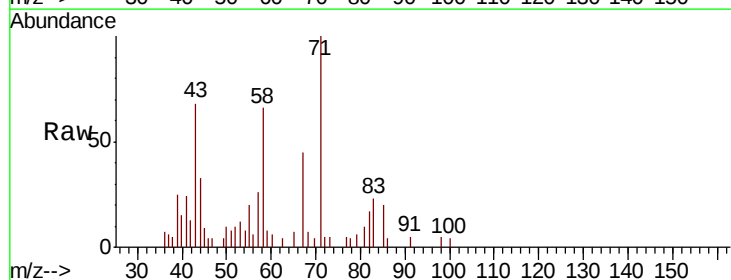
Acq: 25 Jun 2019 11:21

Tgt Ion: 43 Resp: 1666

Ion Ratio Lower Upper

43 100

58 86.7 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.62

1000

800

600

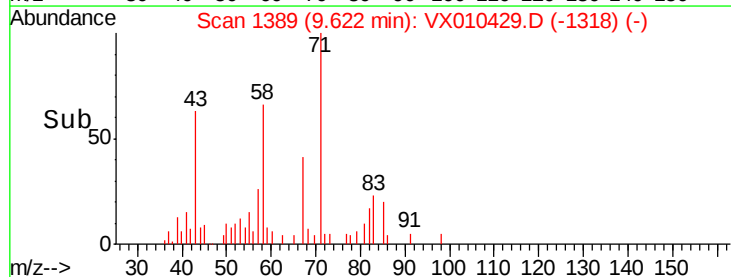
400

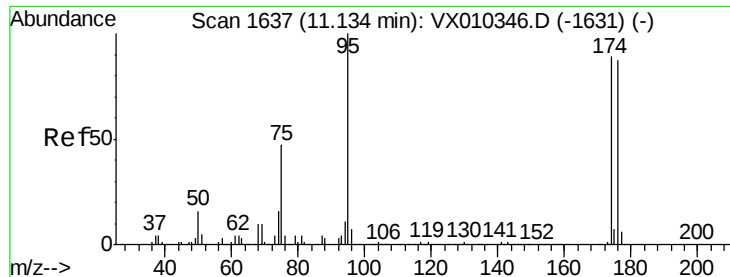
200

0

Time-->

9.55 9.60 9.65 9.70

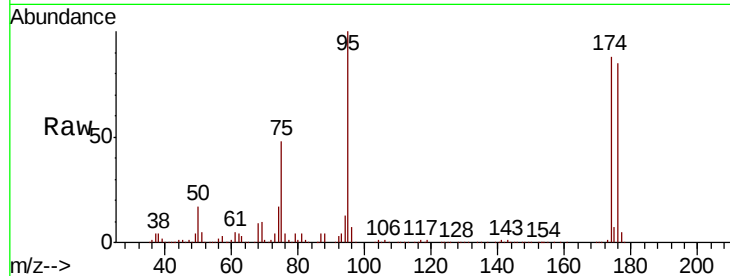




#62
4-Bromofluorobenzene
Concen: 47.959 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Instrument :
MSVOA_X
ClientSampleId :
GW-A-061919DL

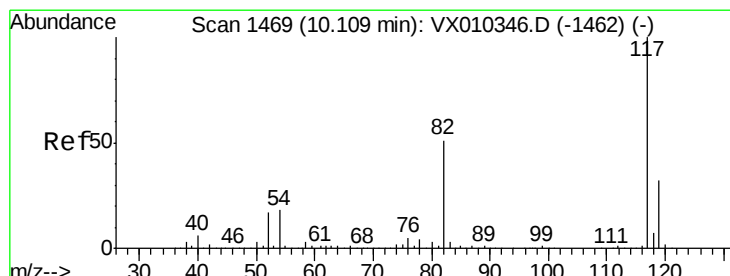
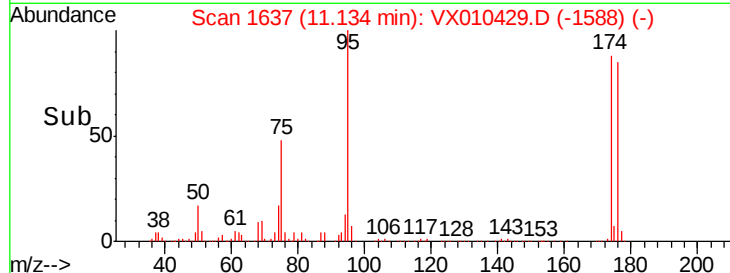
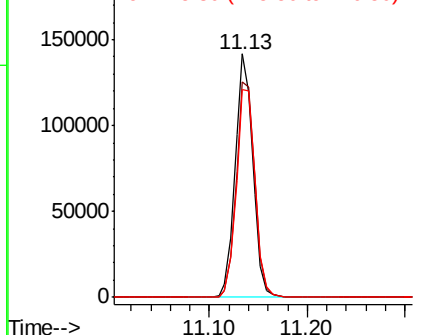
Tot Ion	95	Resp	177631
Ion Ratio	100		
Lower		0.0	187.6
Upper		0.0	184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

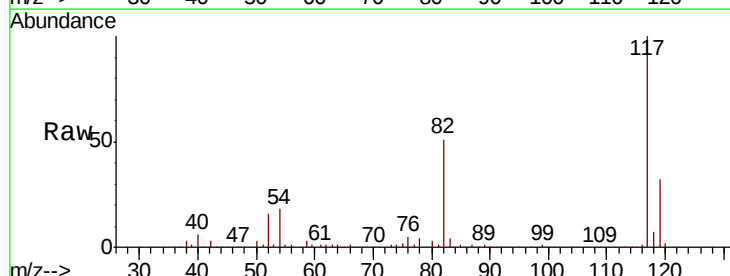
Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

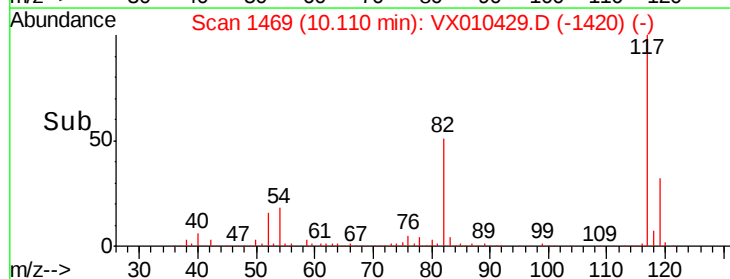
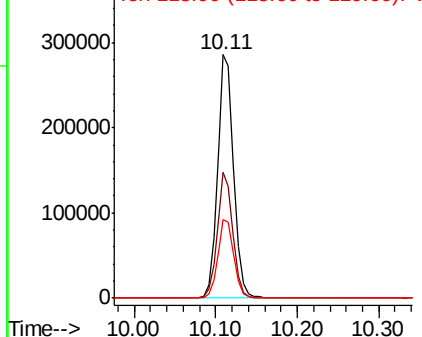
Tgt Ion	117	Resp	394211
Ion Ratio	100		
Lower		41.2	61.8
Upper		25.5	38.3

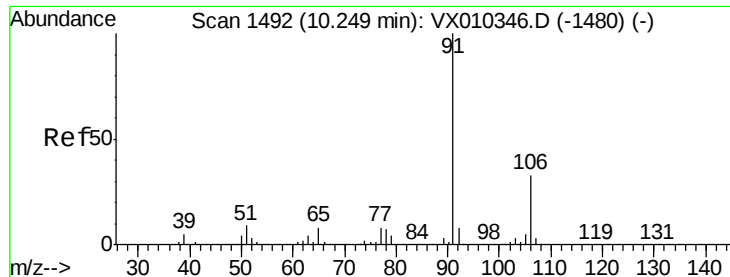


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)





#67

Ethyl Benzene

Concen: 13.403 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

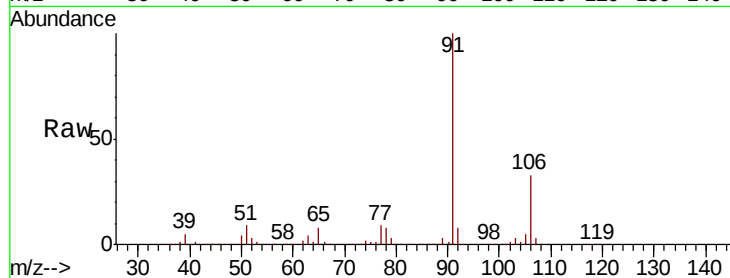
GW-A-061919DL

Tot Ion: 91 Resp: 181095

Ion Ratio Lower Upper

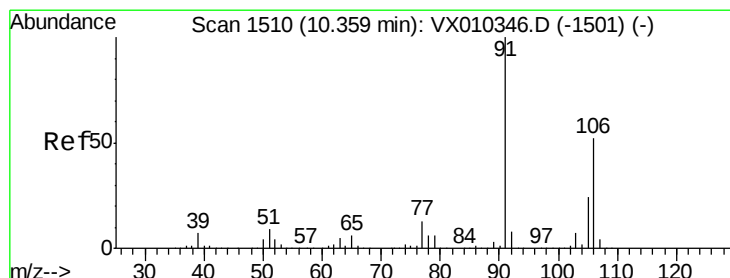
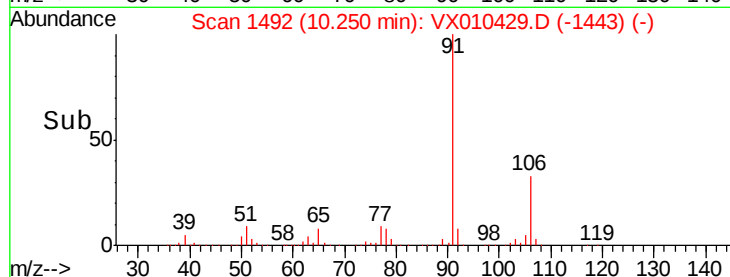
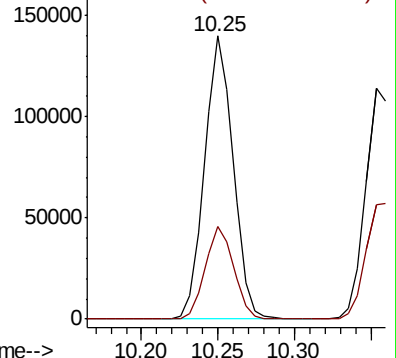
91 100

106 32.7 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 15.289 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010429.D

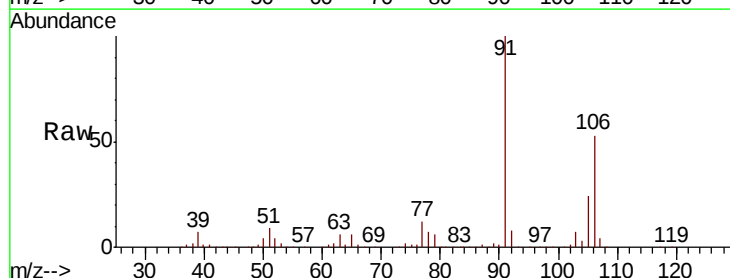
Acq: 25 Jun 2019 11:21

Tgt Ion:106 Resp: 80042

Ion Ratio Lower Upper

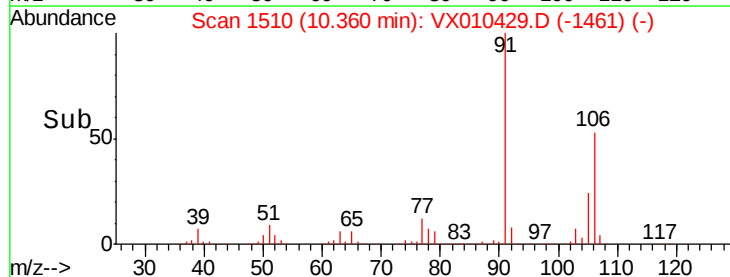
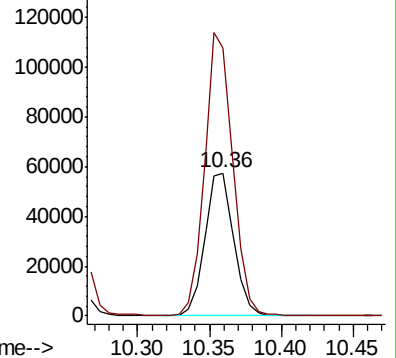
106 100

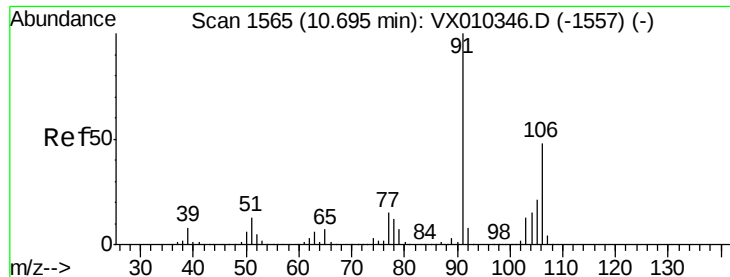
91 194.5 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

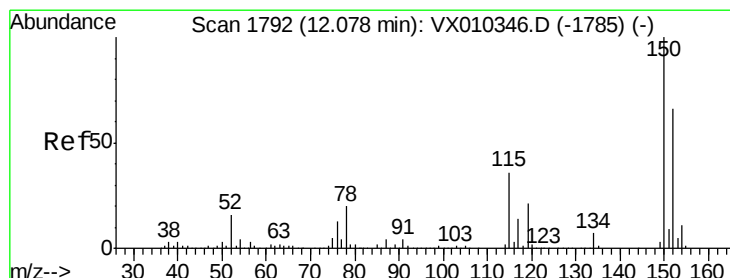
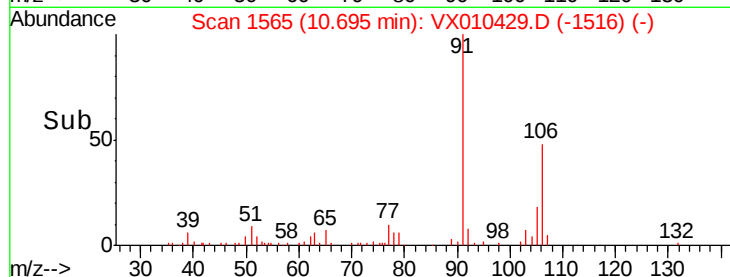
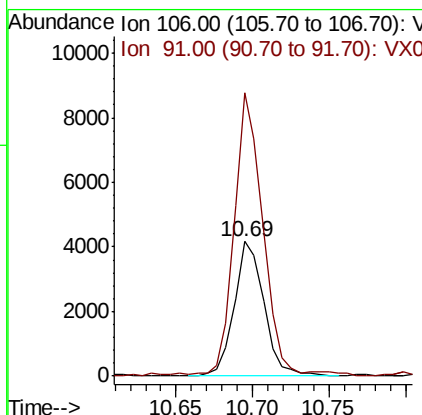
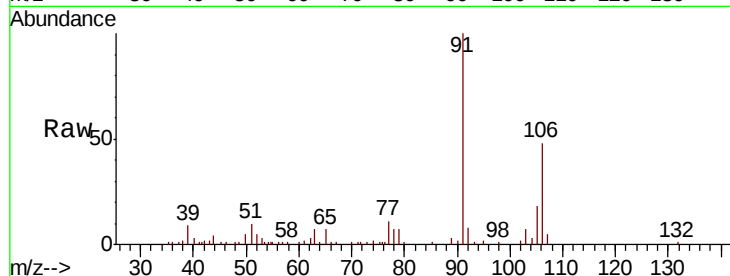




#69
o-Xylene
Concen: 1.097 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

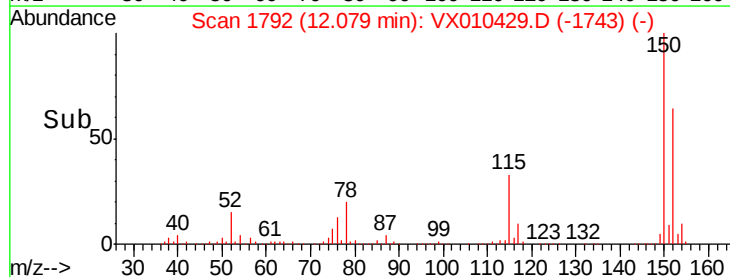
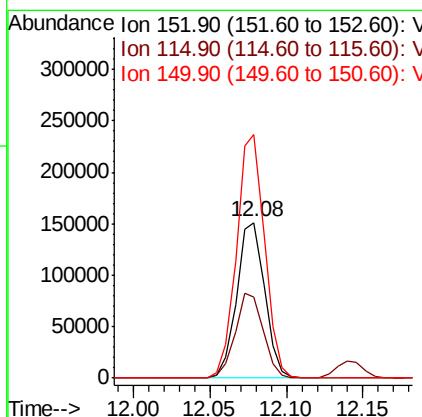
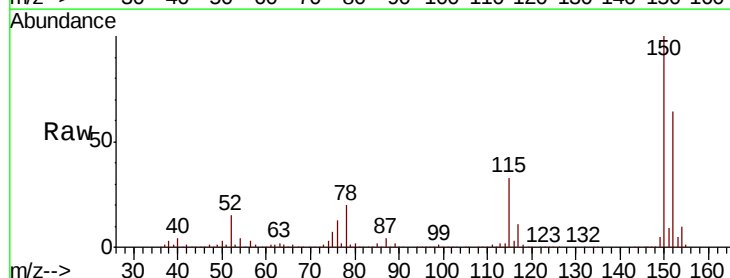
Instrument :
MSVOA_X
ClientSampleID :
GW-A-061919DL

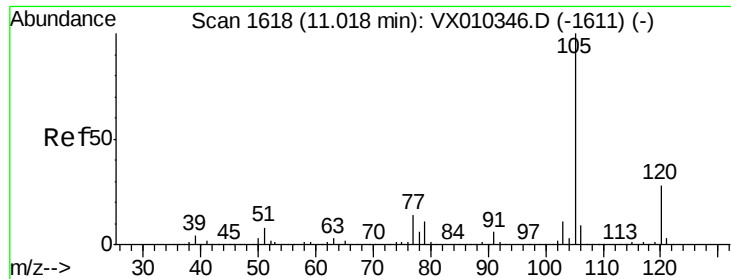
Tot Ion:106 Resp: 5647
Ion Ratio Lower Upper
106 100
91 203.5 102.7 308.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Tgt Ion:152 Resp: 191035
Ion Ratio Lower Upper
152 100
115 54.5 38.6 115.7
150 156.7 0.0 347.4





#73

Isopropylbenzene

Concen: 18.154 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleID :

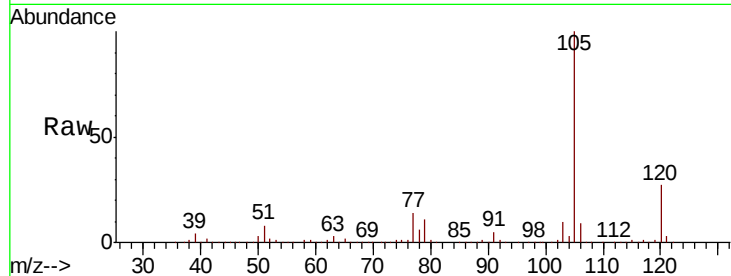
GW-A-061919DL

Tot Ion:105 Resp: 235096

Ion Ratio Lower Upper

105 100

120 27.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

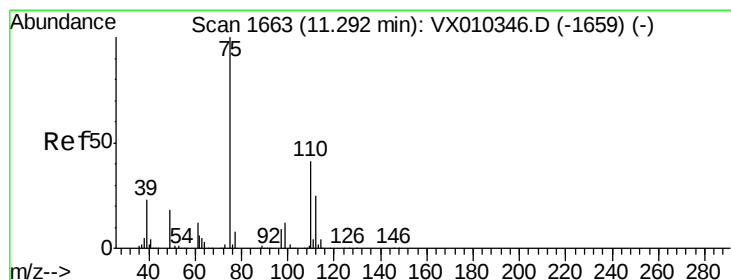
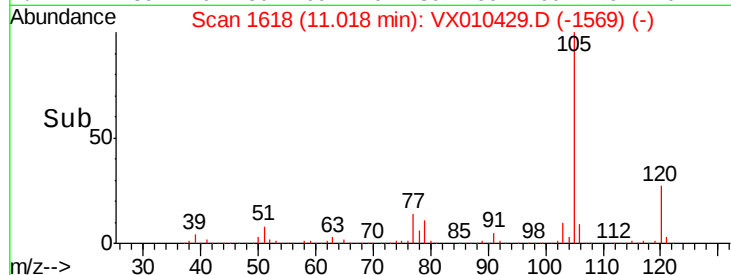
0

11.02

11.00

11.10

Time-->



#76

1,2,3-Trichloropropane

Concen: 0.964 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010429.D

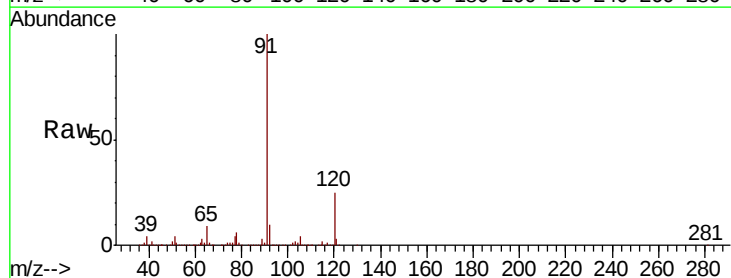
Acq: 25 Jun 2019 11:21

Tgt Ion: 75 Resp: 3355

Ion Ratio Lower Upper

75 100

77 613.4 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

20000

15000

10000

5000

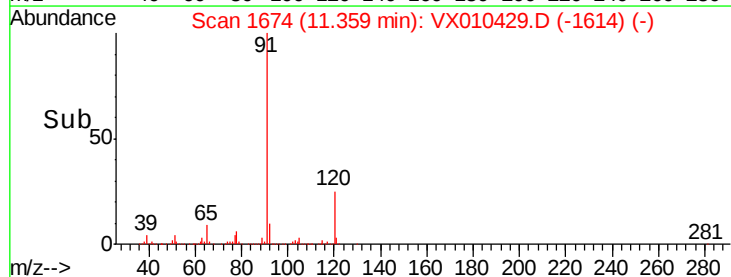
0

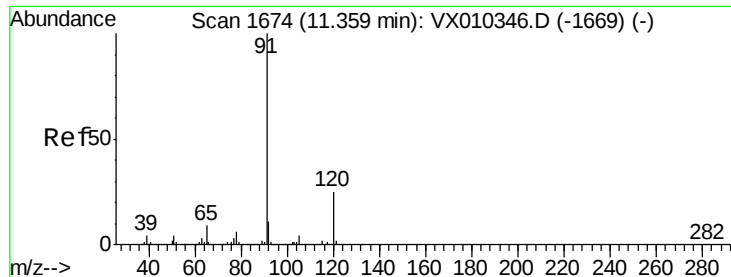
11.36

11.30

11.40

Time-->

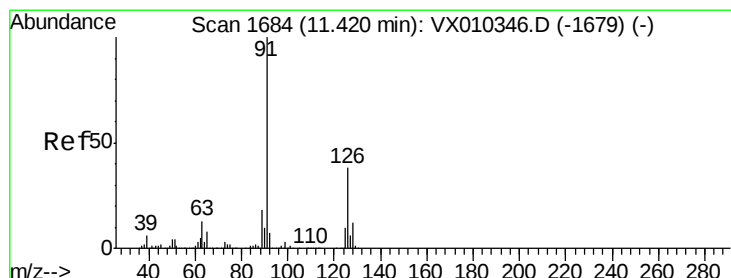
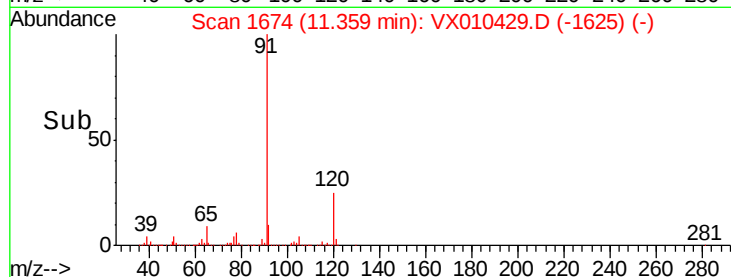
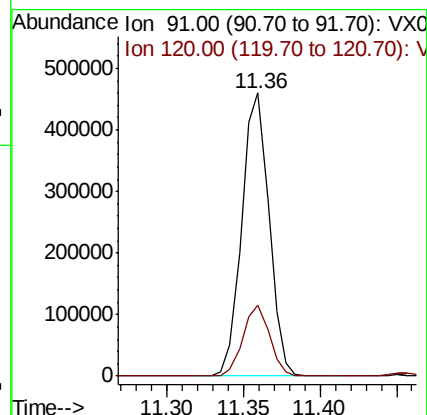
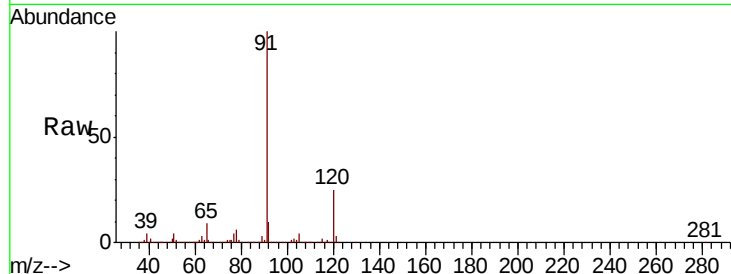




#78
n-propylbenzene
Concen: 40.023 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

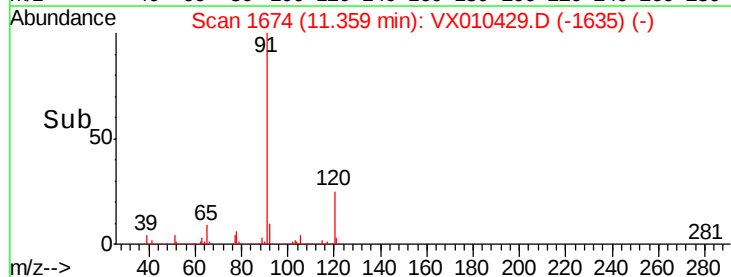
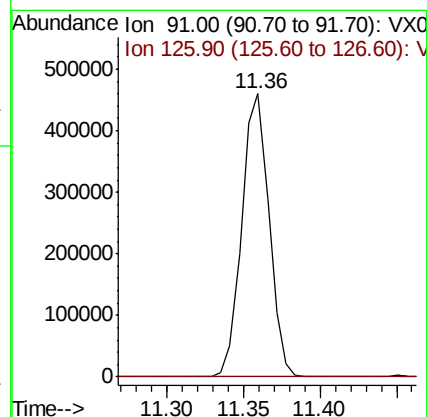
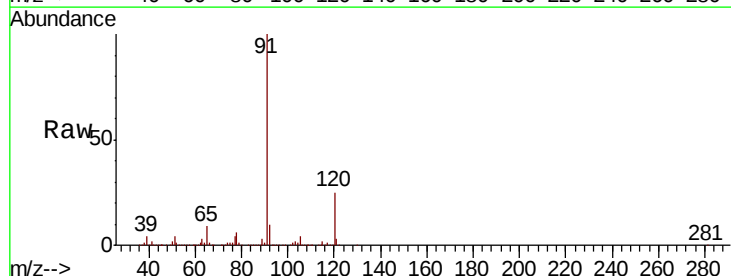
Instrument :
MSVOA_X
ClientSampleID :
GW-A-061919DL

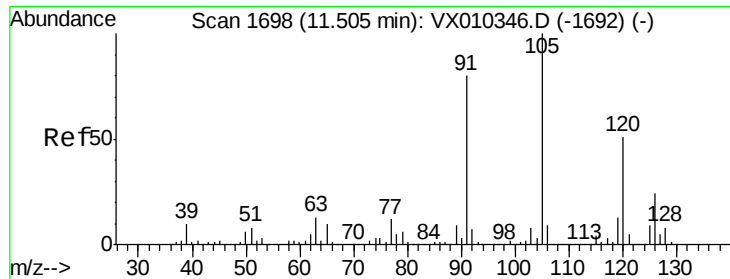
Tot Ion: 91 Resp: 569619
Ion Ratio Lower Upper
91 100
120 24.5 12.4 37.4



#79
2-Chlorotoluene
Concen: 67.211 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.06 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Tgt Ion: 91 Resp: 569619
Ion Ratio Lower Upper
91 100
126 0.0 18.7 56.1#

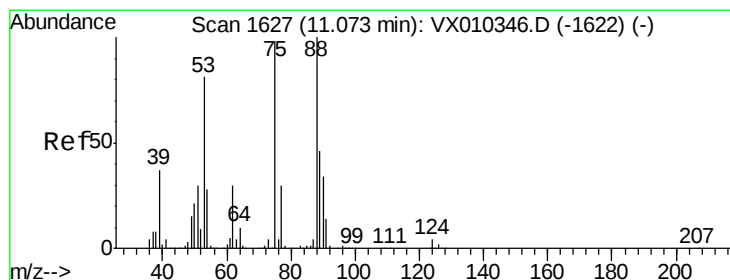
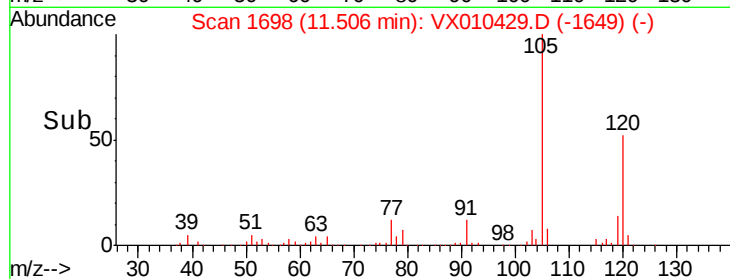
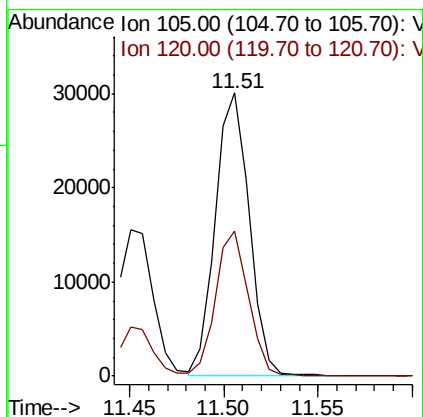
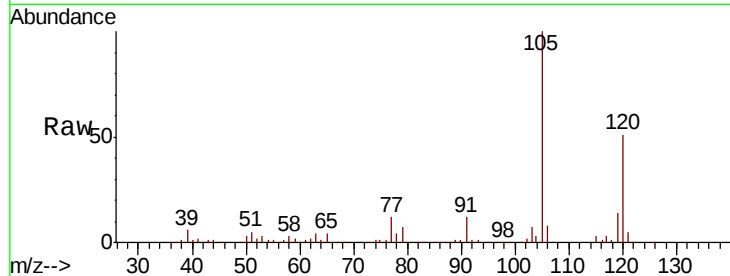




#80
 1,3,5-Trimethylbenzene
 Concen: 3.498 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010429.D
 Acq: 25 Jun 2019 11:21

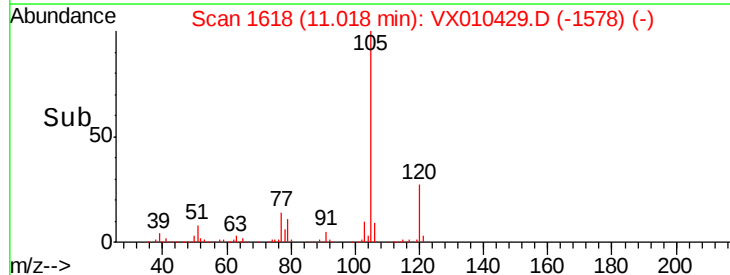
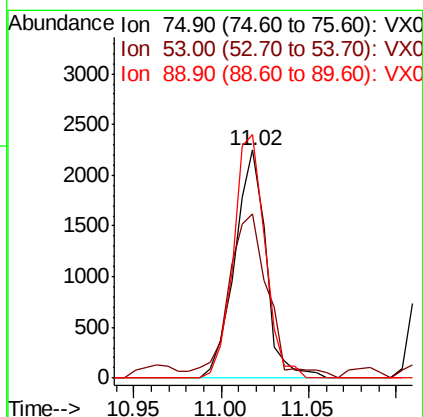
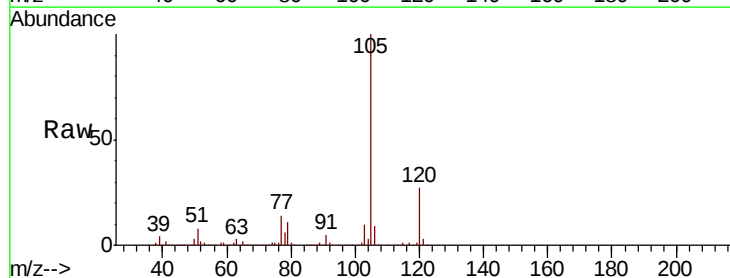
Instrument :
 MSVOA_X
 ClientSampleID :
 GW-A-061919DL

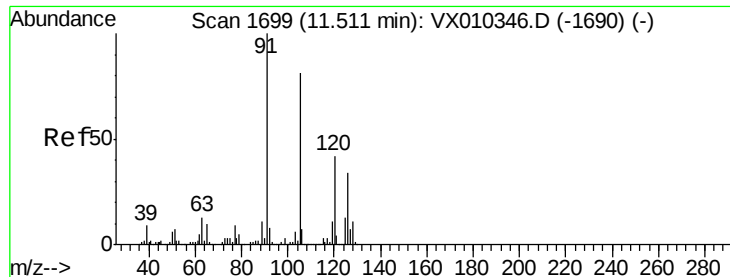
Tot Ion:105 Resp: 37346
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.865 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.05 min
 Lab File: VX010429.D
 Acq: 25 Jun 2019 11:21

Tgt Ion: 75 Resp: 2783
 Ion Ratio Lower Upper
 75 100
 53 91.7 66.1 99.1
 89 108.4 37.8 56.6#





#82

4-Chlorotoluene

Concen: 59.066 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

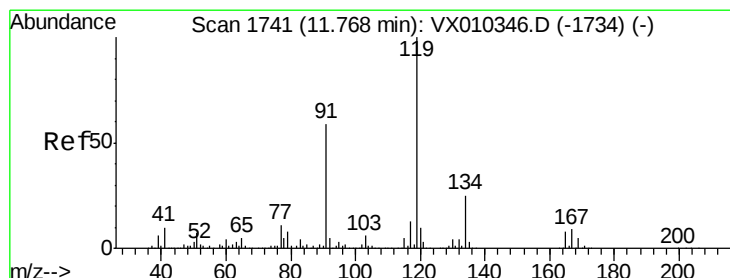
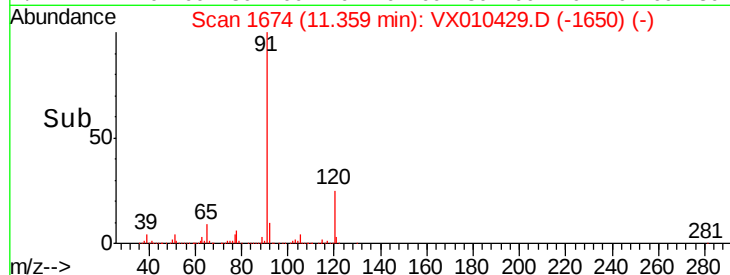
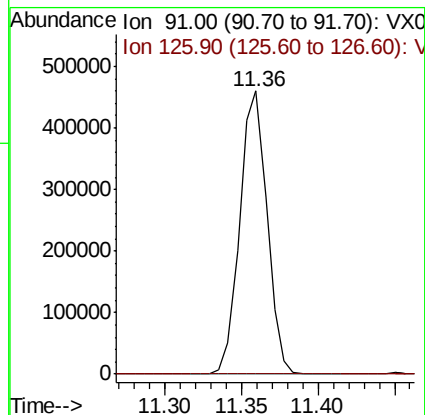
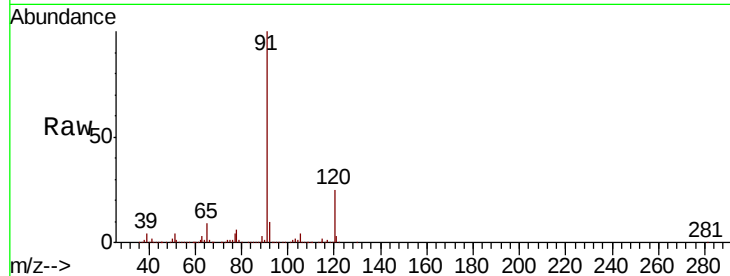
GW-A-061919DL

Tot Ion: 91 Resp: 569619

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#83

tert-Butylbenzene

Concen: 14.173 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

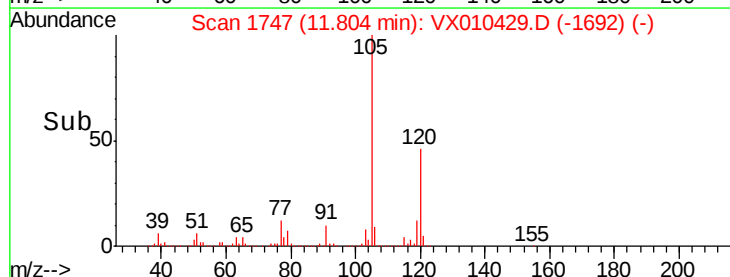
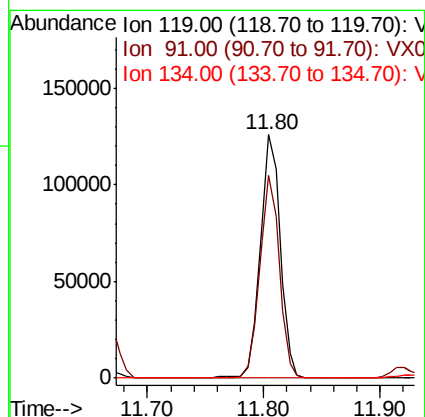
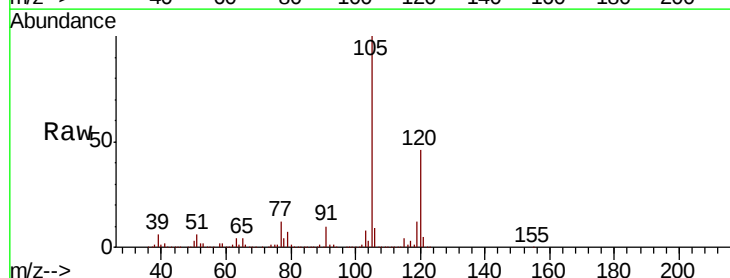
Tgt Ion: 119 Resp: 151861

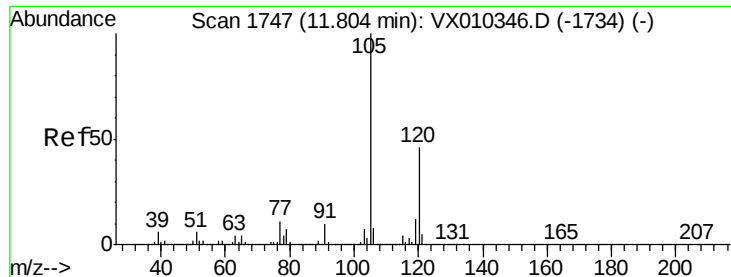
Ion Ratio Lower Upper

119 100

91 81.8 27.6 82.7

134 0.0 11.8 35.4#





#84

1,2,4-Trimethylbenzene

Concen: 112.596 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

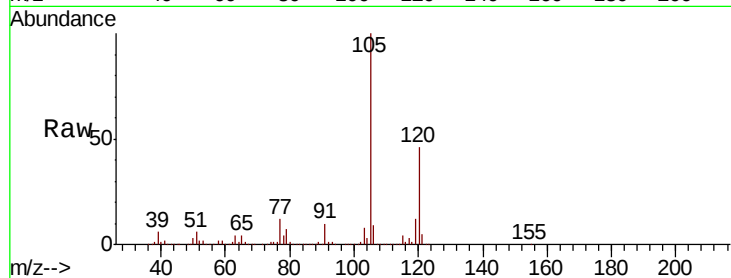
GW-A-061919DL

Tot Ion:105 Resp: 1207664

Ion Ratio Lower Upper

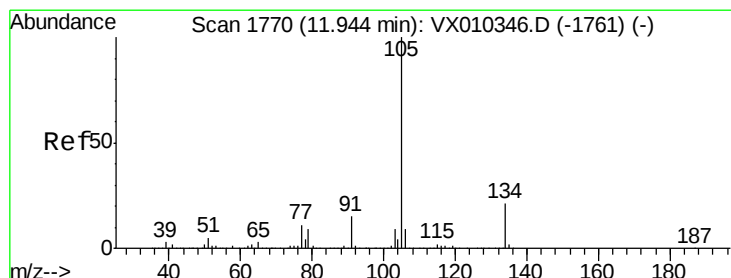
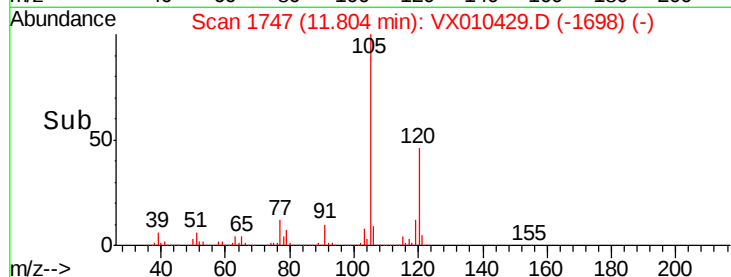
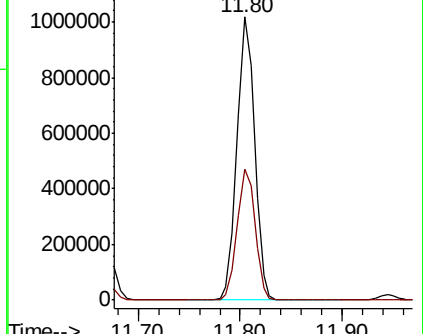
105 100

120 47.2 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 95.987 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX010429.D

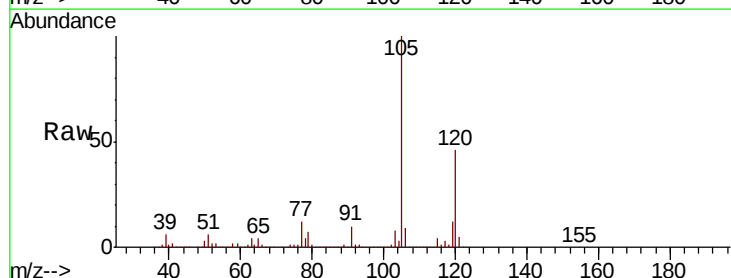
Acq: 25 Jun 2019 11:21

Tgt Ion:105 Resp: 1207589

Ion Ratio Lower Upper

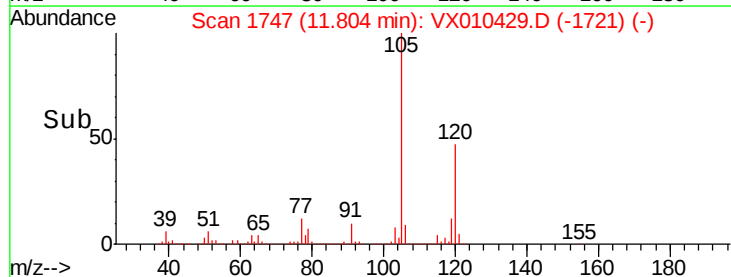
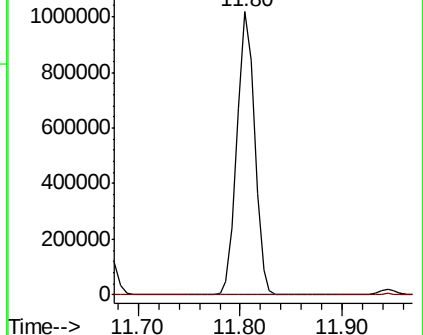
105 100

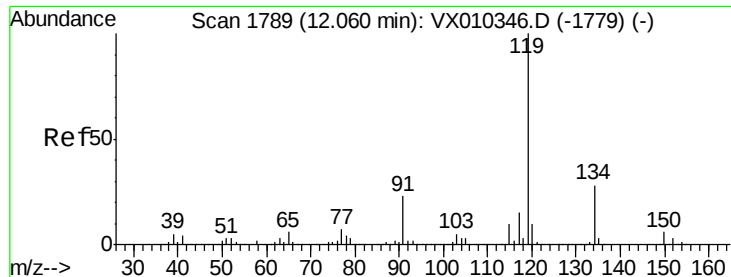
134 0.0 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

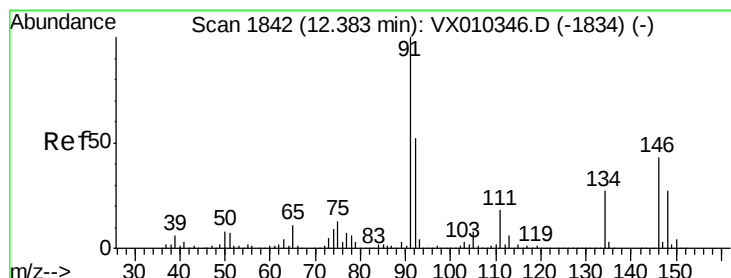
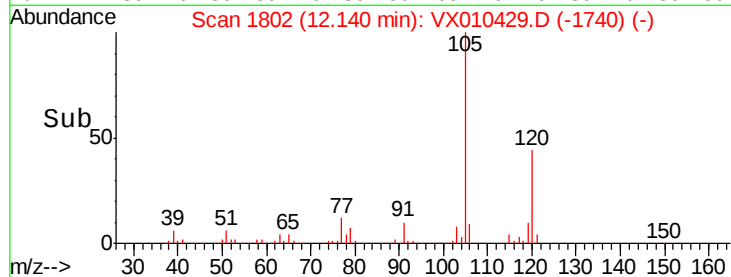
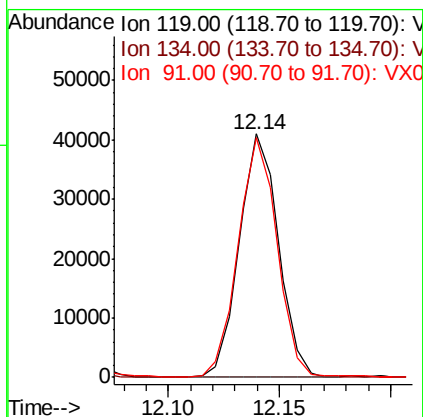
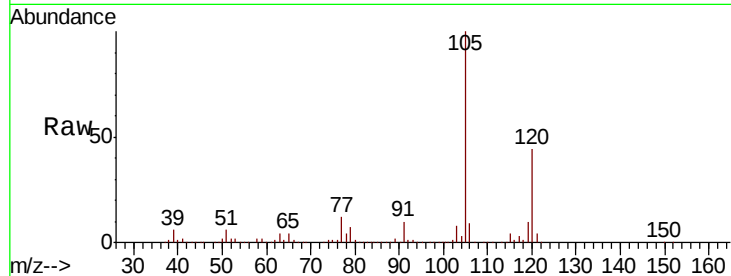




#86
 p-Isopropyltoluene
 Concen: 4.331 ug/l
 RT: 12.14 min Scan# 1802
 Delta R.T. 0.08 min
 Lab File: VX010429.D
 Acq: 25 Jun 2019 11:21

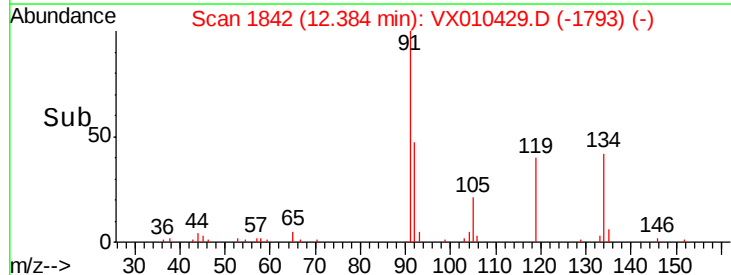
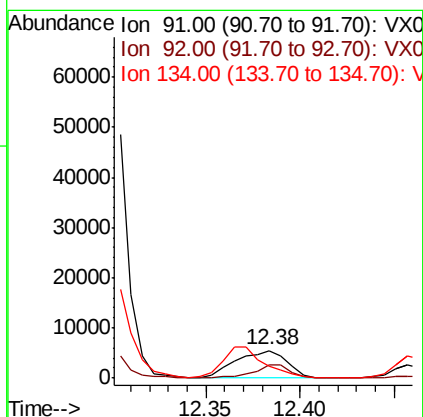
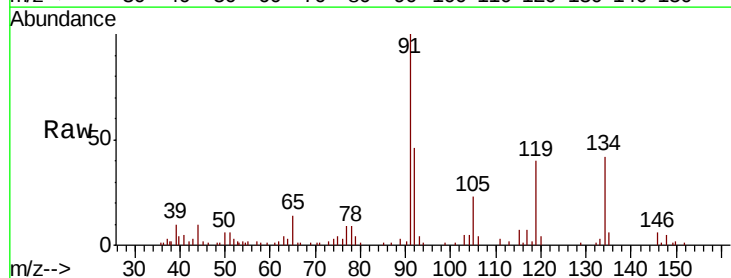
Instrument :
 MSVOA_X
 ClientSampleID :
 GW-A-061919DL

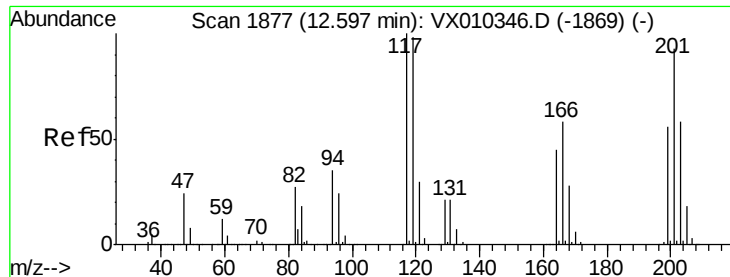
Tot Ion:119 Resp: 50402
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.7 41.1#
 91 96.7 11.3 33.8#



#89
 n-Butylbenzene
 Concen: 1.078 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010429.D
 Acq: 25 Jun 2019 11:21

Tgt Ion: 91 Resp: 10657
 Ion Ratio Lower Upper
 91 100
 92 33.4 26.2 78.5
 134 88.6 14.1 42.4#





#90

Hexachloroethane

Concen: 14.496 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleID :

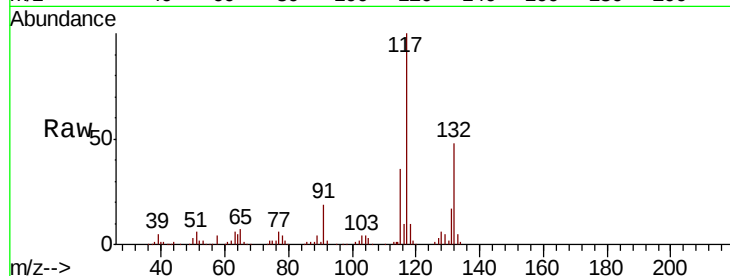
GW-A-061919DL

Tot Ion:117 Resp: 29168

Ion Ratio Lower Upper

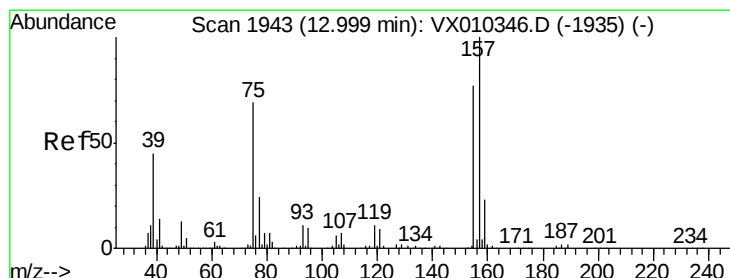
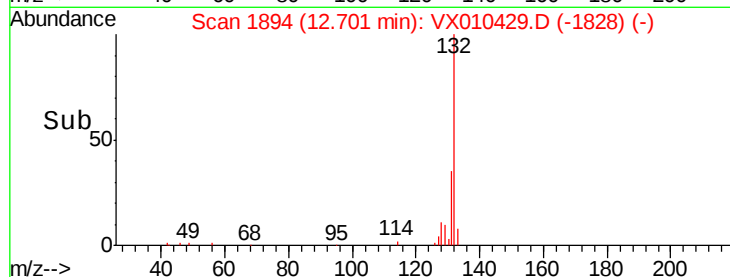
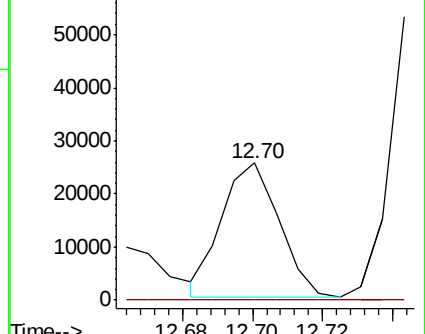
117 100

201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.463 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

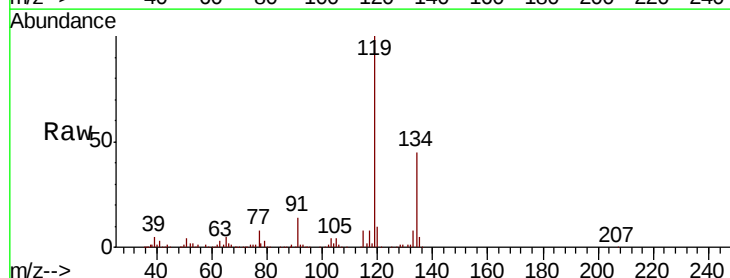
Tgt Ion: 75 Resp: 428

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

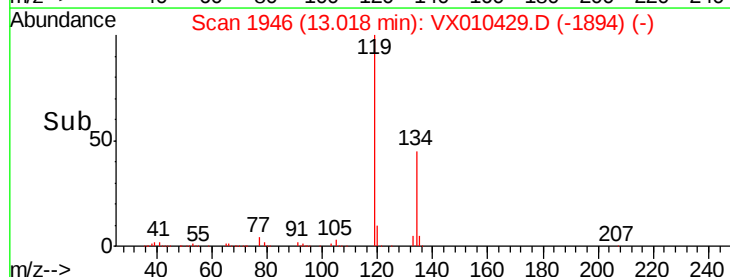
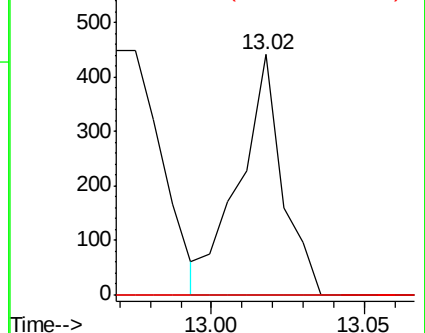
157 0.0 69.5 208.3#

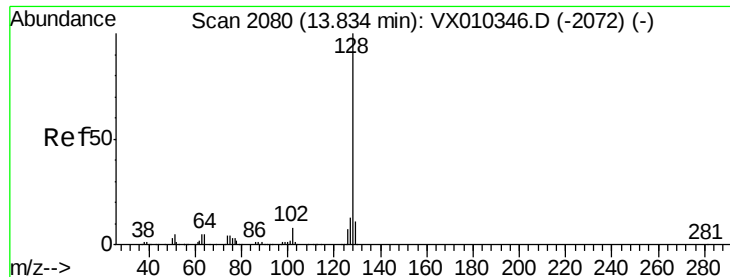


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

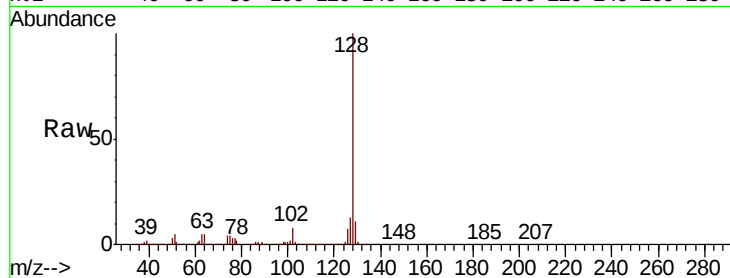




#95
Naphthalene
Concen: 52.206 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Instrument :
MSVOA_X
ClientSampleId :
GW-A-061919DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.0	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

