

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010488.D
 Acq On : 27 Jun 2019 14:56
 Operator : JC/SP
 Sample : K3565-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:47:37 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	250988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174673	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	117587	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	5.50	113	117347	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
50) Toluene-d8	8.71	98	454072	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.13	95	159690	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	957	0.471	ug/l	96
5) Bromomethane	1.67	94	345	0.318	ug/l #	40
6) Chloroethane	1.65	64	1193	0.909	ug/l #	73
11) Tert butyl alcohol	3.02	59	1713	2.782	ug/l #	74
13) Acrolein	2.40	56	15649	38.310	ug/l #	78
14) Allyl chloride	2.85	41	29063	9.410	ug/l #	64
15) Acrylonitrile	3.18	53	5154	4.228	ug/l #	44
16) Acetone	2.39	43	39512	33.502	ug/l #	49
18) Methyl Acetate	2.84	43	74415	31.658	ug/l #	48
20) Methylene Chloride	2.85	84	575	0.237	ug/l #	1
25) 2-Butanone	4.56	43	2863	1.655	ug/l #	46
31) Cyclohexane	5.58	56	220897	64.986	ug/l	98
36) 1,1-Dichloropropene	5.66	75	14903	4.885	ug/l #	49
38) Carbon Tetrachloride	5.66	117	22218	6.726	ug/l #	16
39) Methylcyclohexane	7.46	83	91397	22.792	ug/l	97
40) Benzene	6.14	78	449299	47.273	ug/l	99
43) Isopropyl Acetate	6.45	43	1965	0.378	ug/l #	58
48) Methyl methacrylate	7.74	41	3598	1.491	ug/l #	52
49) 1,4-Dioxane	7.79	88	52	0.748	ug/l #	50
52) Toluene	8.79	92	12037	1.923	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	3313	1.283	ug/l #	20
56) Ethyl methacrylate	9.16	69	957	0.245	ug/l #	25
67) Ethyl Benzene	10.25	91	1892549	156.033	ug/l	99
68) m/p-Xylenes	10.36	106	775809	165.075	ug/l	100
69) o-Xylene	10.69	106	6191	1.340	ug/l	97
73) Isopropylbenzene	11.02	105	220428	18.616	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	74857	23.518	ug/l #	34
78) n-propylbenzene	11.36	91	293731	22.571	ug/l	100
79) 2-Chlorotoluene	11.45	91	19588	2.528	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	23548	2.412	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.02	75	2340	1.715	ug/l #	41
82) 4-Chlorotoluene	11.45	91	19588	2.221	ug/l #	43
83) tert-Butylbenzene	11.77	119	6664	0.680	ug/l	82
84) 1,2,4-Trimethylbenzene	11.80	105	817294	83.338	ug/l	98

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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

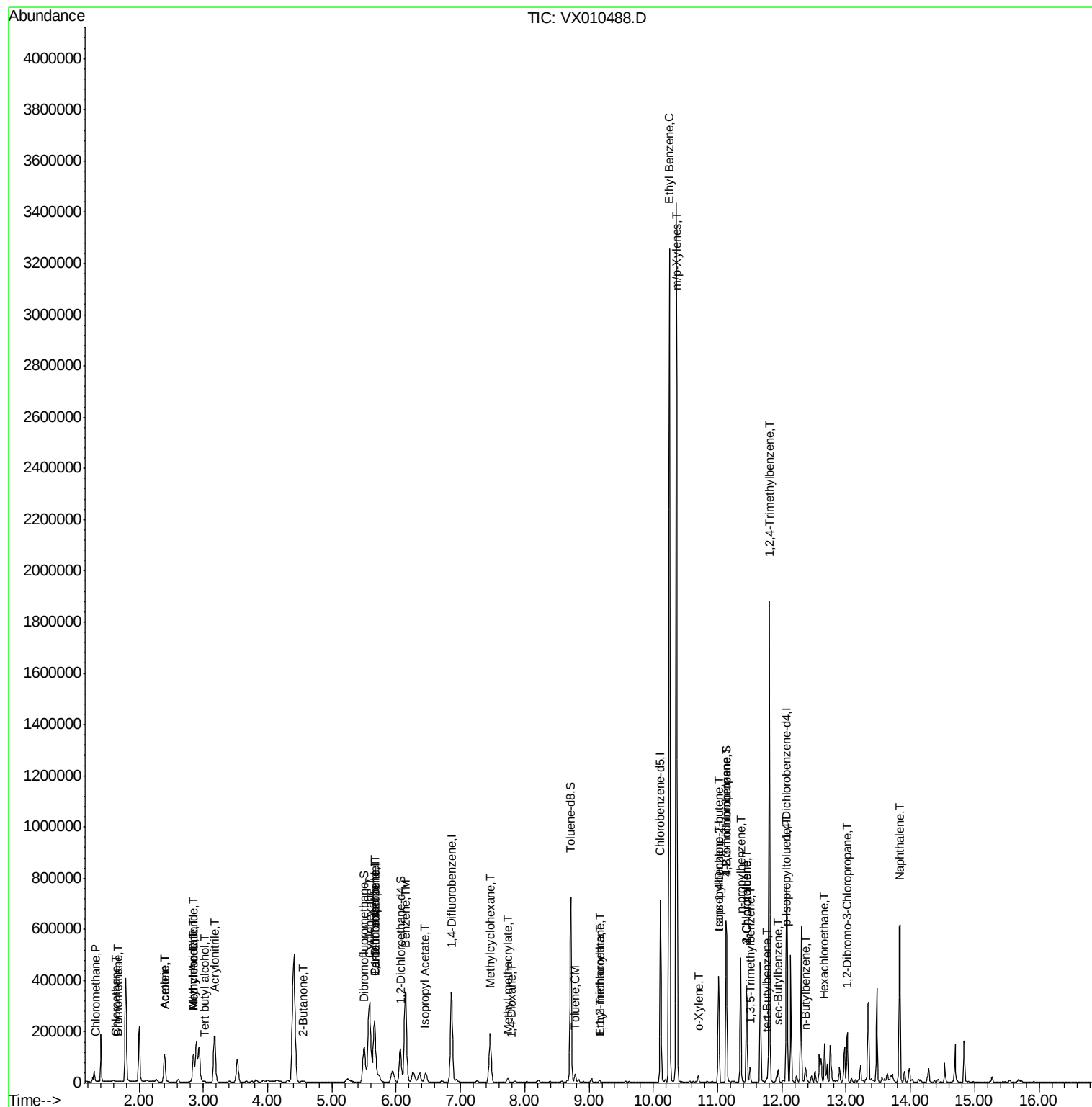
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	24913	2.166	ug/l	97
86) p-Isopropyltoluene	12.06	119	17475	1.642	ug/l	97
89) n-Butylbenzene	12.38	91	11892	1.315	ug/l #	54
90) Hexachloroethane	12.66	117	6231	3.387	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	778	0.920	ug/l #	1
95) Naphthalene	13.83	128	404674	33.105	ug/l	100

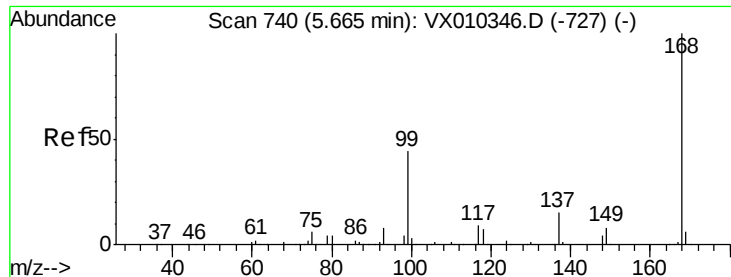
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

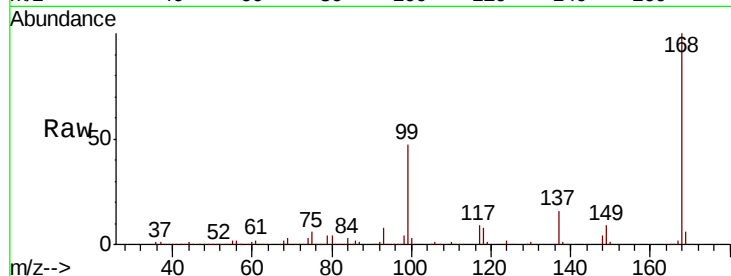
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 250988

Ion Ratio Lower Upper

168 100

99 47.3 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

100000

80000

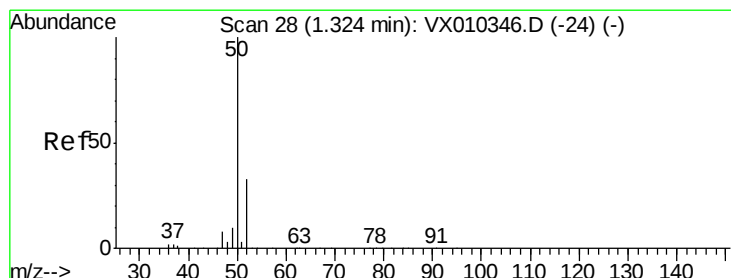
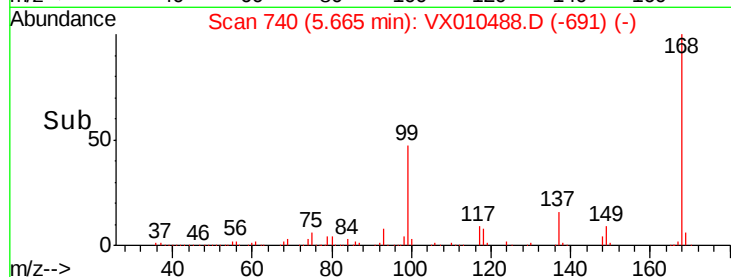
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.471 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010488.D

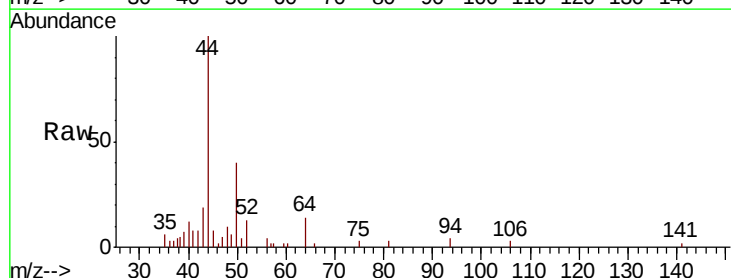
Acq: 27 Jun 2019 14:56

Tgt Ion: 50 Resp: 957

Ion Ratio Lower Upper

50 100

52 35.5 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

1200

1000

800

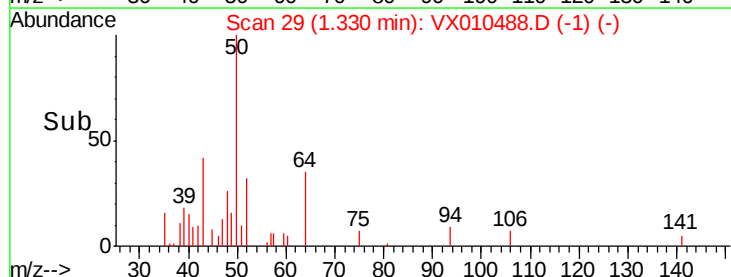
600

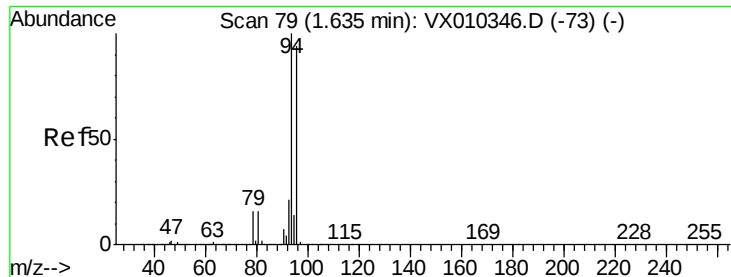
400

200

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 0.318 ug/l

RT: 1.67 min Scan# 84

Delta R.T. 0.03 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

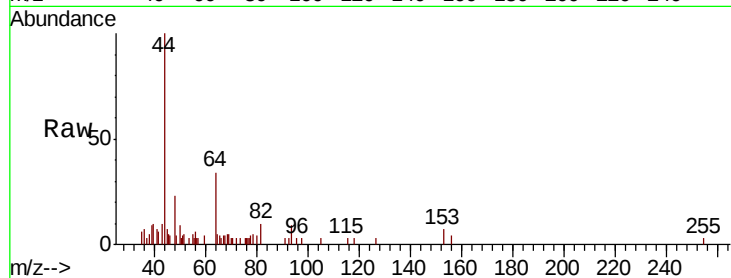
ClientSampled :

Tot Ion: 94 Resp: 345

Ion Ratio Lower Upper

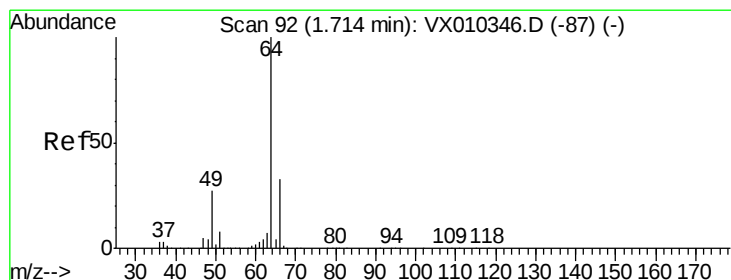
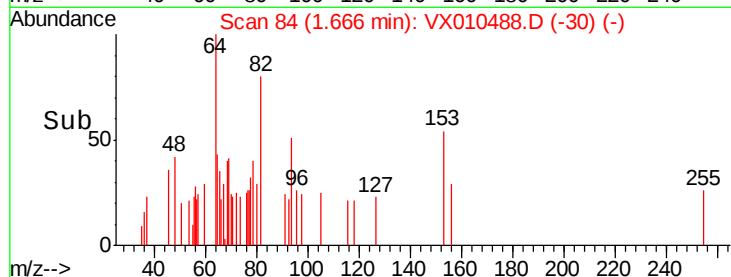
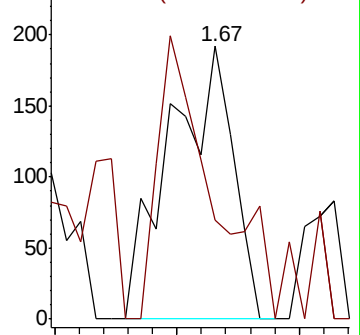
94 100

96 36.5 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.909 ug/l

RT: 1.65 min Scan# 81

Delta R.T. -0.07 min

Lab File: VX010488.D

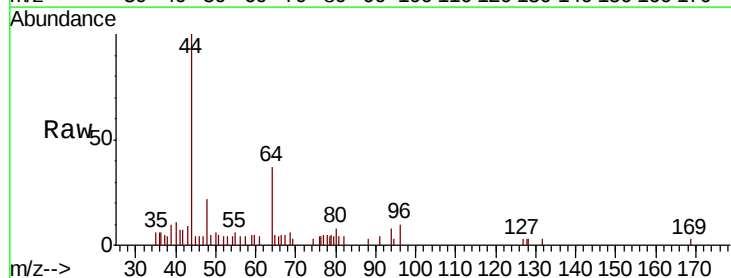
Acq: 27 Jun 2019 14:56

Tgt Ion: 64 Resp: 1193

Ion Ratio Lower Upper

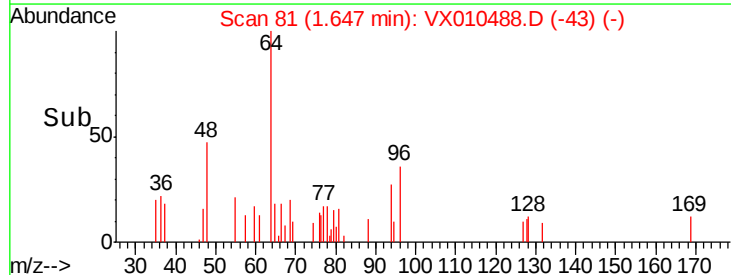
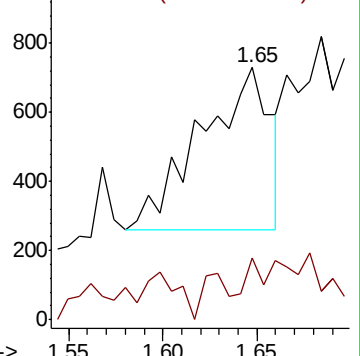
64 100

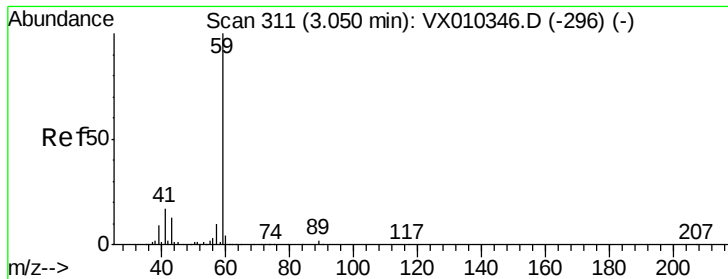
66 17.9 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

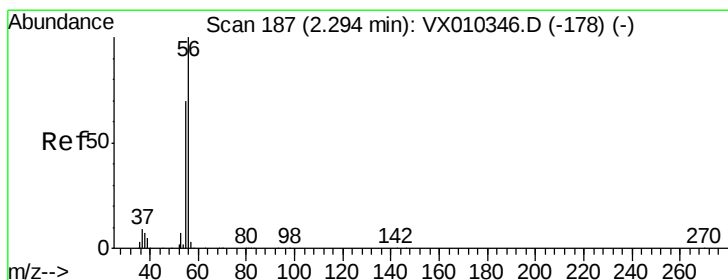
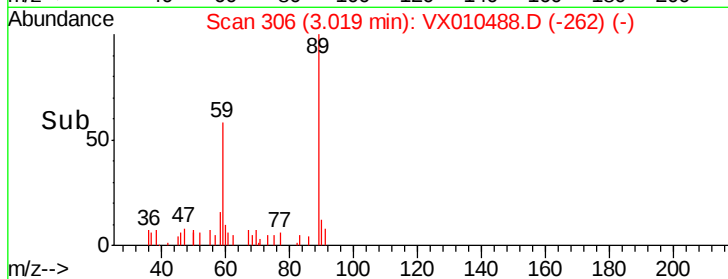
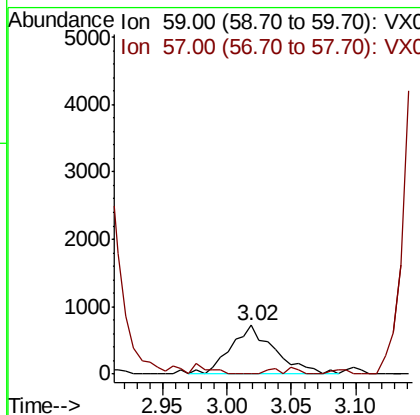
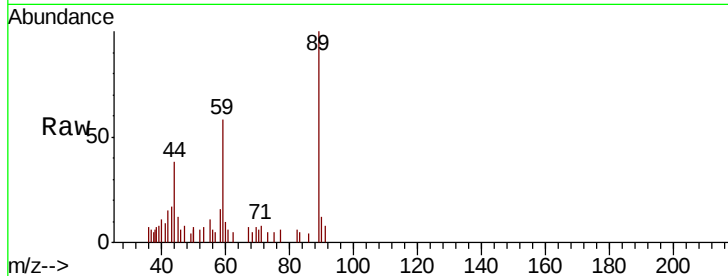




#11
Tert butyl alcohol
Concen: 2.782 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

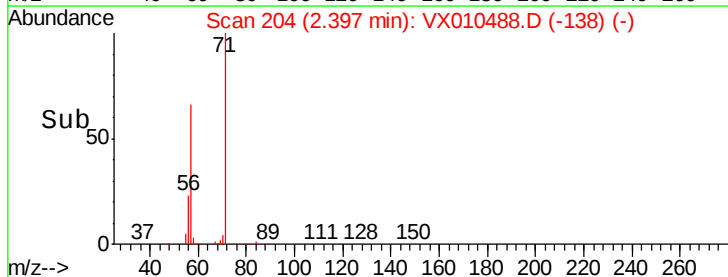
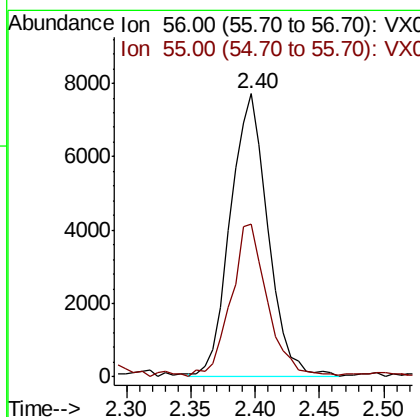
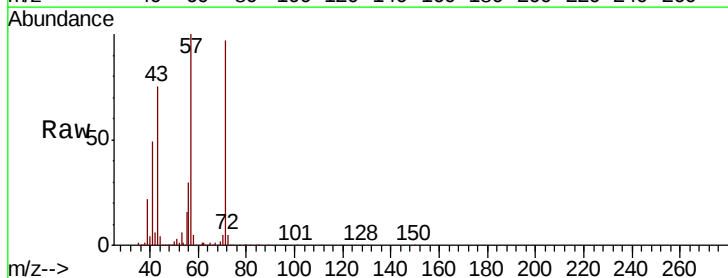
Instrument :
MSVOA_X
ClientSampleId :

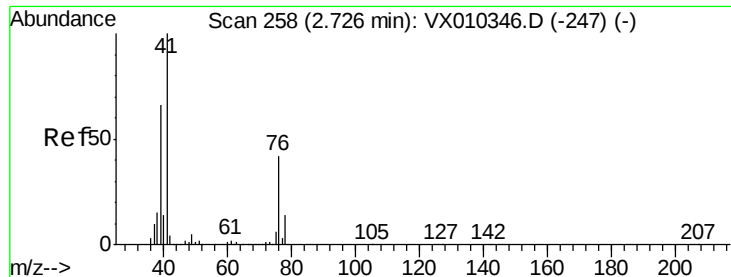
Tot Ion: 59 Resp: 1713
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#13
Acrolein
Concen: 38.310 ug/l
RT: 2.40 min Scan# 204
Delta R.T. 0.10 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Tgt Ion: 56 Resp: 15649
Ion Ratio Lower Upper
56 100
55 52.9 56.9 85.3#





#14

Allvl chloride

Concen: 9.410 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.12 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

ClientSampled :

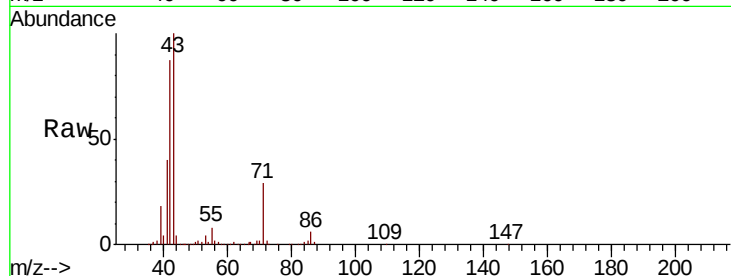
Tot Ion: 41 Resp: 29063

Ion Ratio Lower Upper

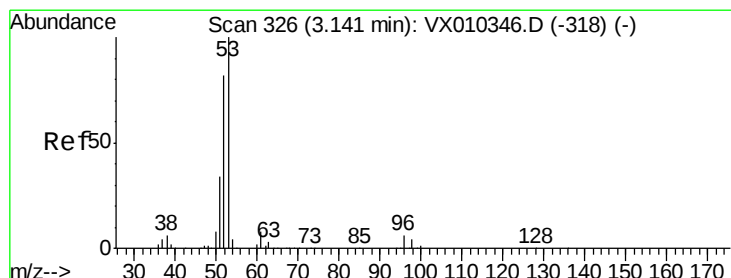
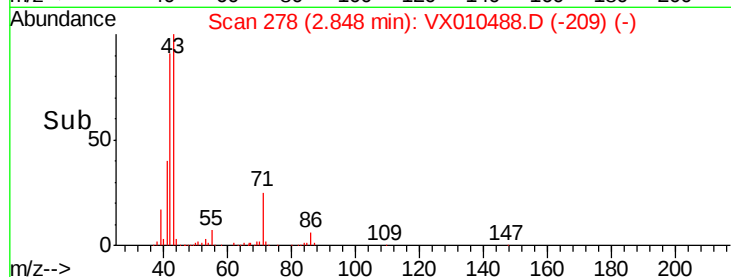
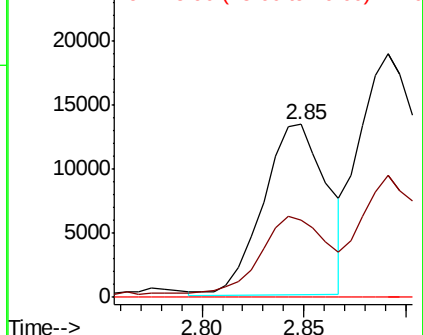
41 100

39 48.5 50.3 75.5#

76 0.1 31.3 46.9#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 4.228 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

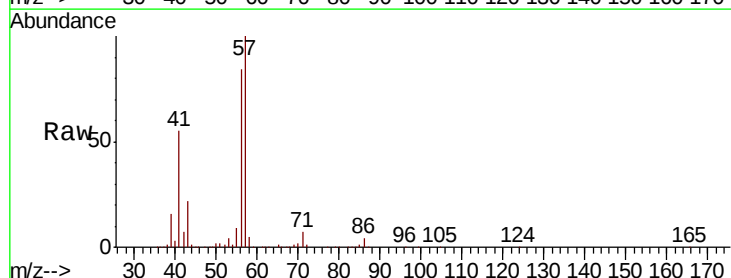
Tgt Ion: 53 Resp: 5154

Ion Ratio Lower Upper

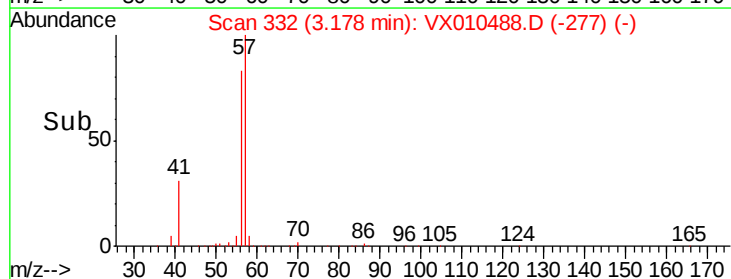
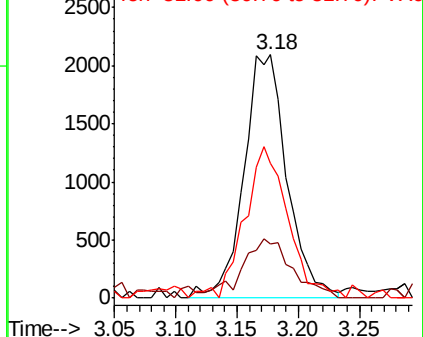
53 100

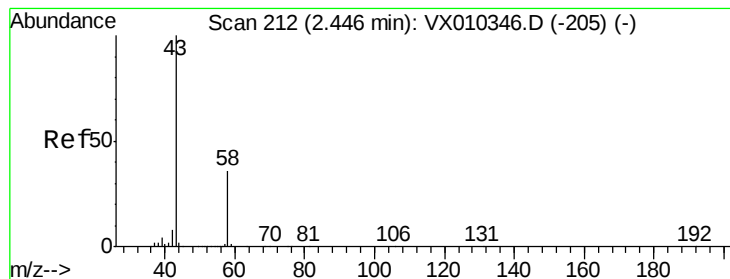
52 28.3 65.5 98.3#

51 62.8 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 33.502 ug/l

RT: 2.39 min Scan# 203

Delta R.T. -0.05 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

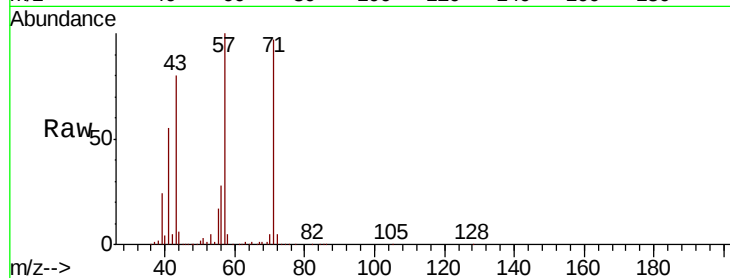
ClientSampleId :

Tot Ion: 43 Resp: 39512

Ion Ratio Lower Upper

43 100

58 6.3 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.39

20000

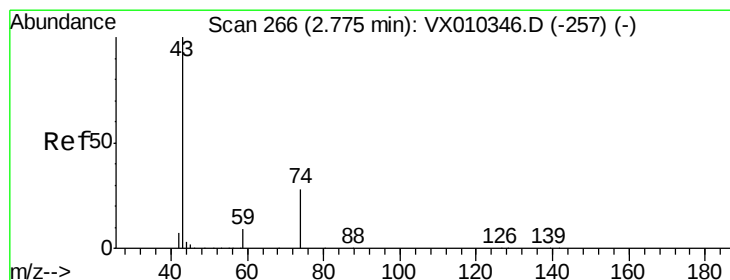
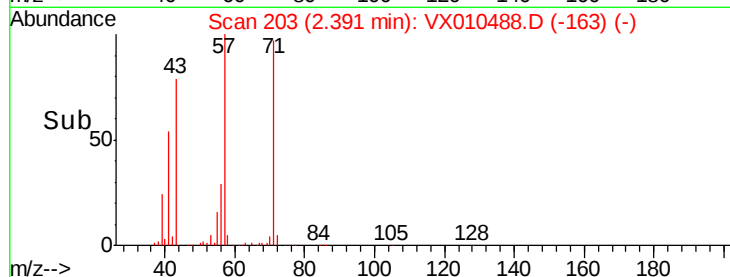
15000

10000

5000

0

Time--> 2.30 2.35 2.40 2.45



#18

Methyl Acetate

Concen: 31.658 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX010488.D

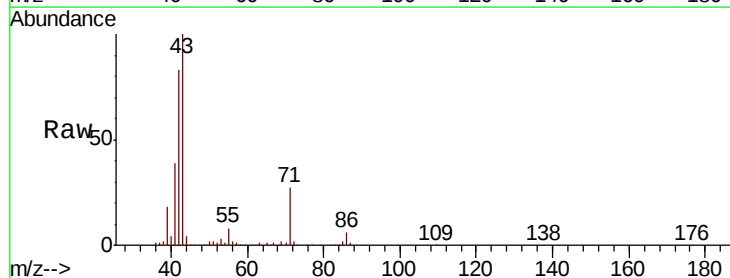
Acq: 27 Jun 2019 14:56

Tgt Ion: 43 Resp: 74415

Ion Ratio Lower Upper

43 100

74 0.1 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.84

50000

40000

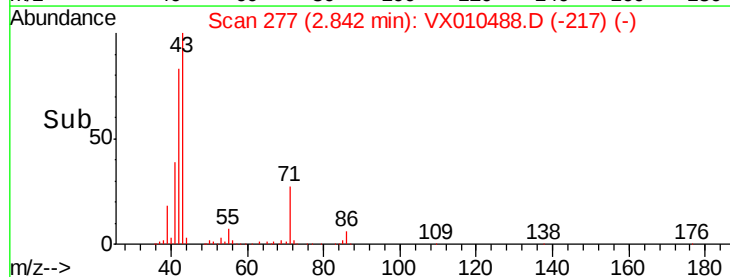
30000

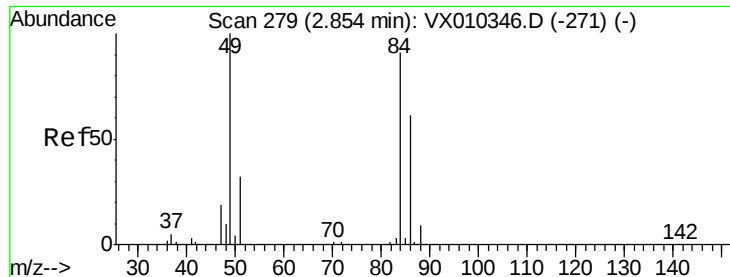
20000

10000

0

Time--> 2.75 2.80 2.85

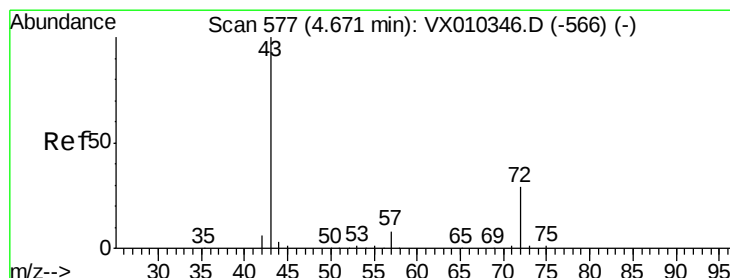
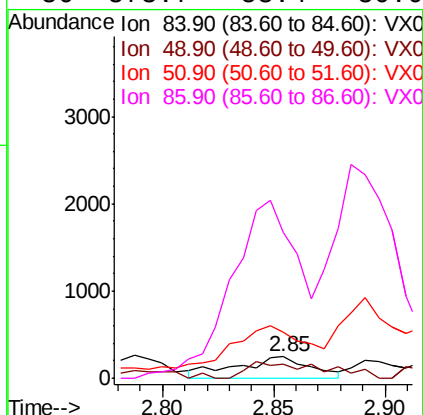
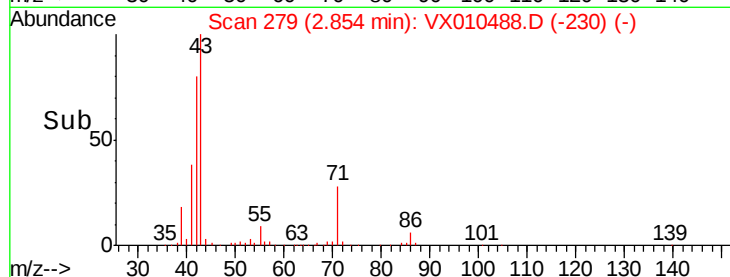
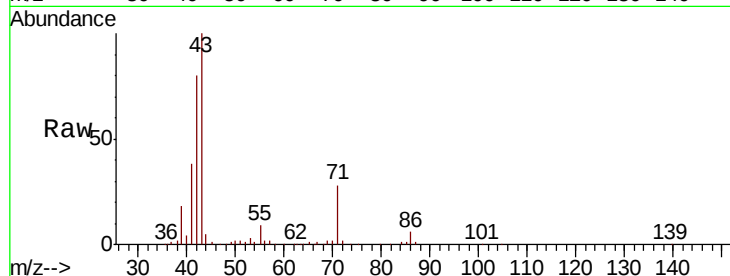




#20
Methvlene Chloride
Concen: 0.237 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

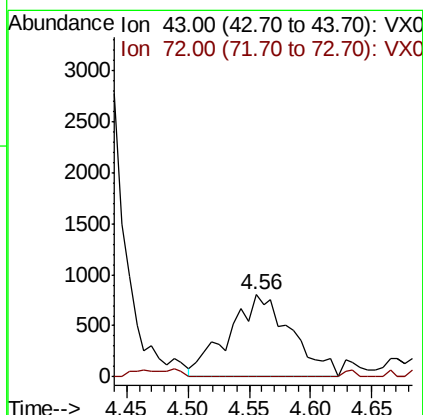
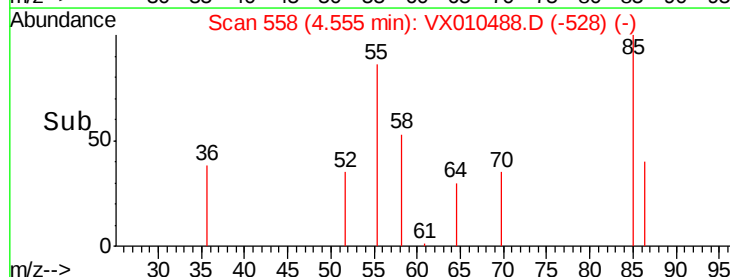
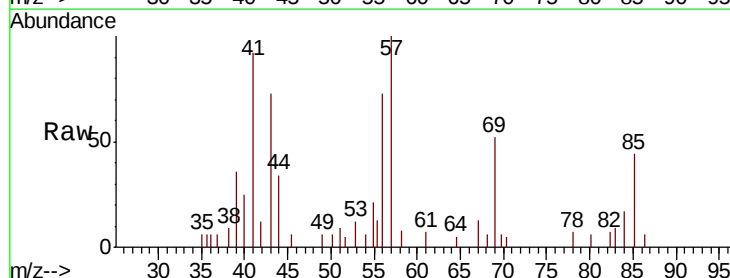
Instrument :
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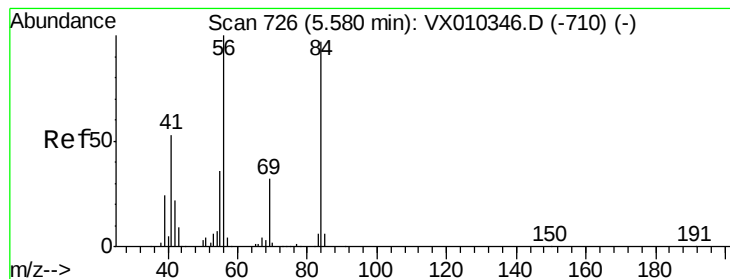
Tot Ion: 84 Resp: 575
Ion Ratio Lower Upper
84 100
49 98.2 87.5 131.3
51 219.8 27.7 41.5#
86 873.7 53.4 80.0#



#25
2-Butanone
Concen: 1.655 ug/l
RT: 4.56 min Scan# 558
Delta R.T. -0.12 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Tgt Ion: 43 Resp: 2863
Ion Ratio Lower Upper
43 100
72 0.0 23.3 34.9#





#31

Cyclohexane

Concen: 64.986 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

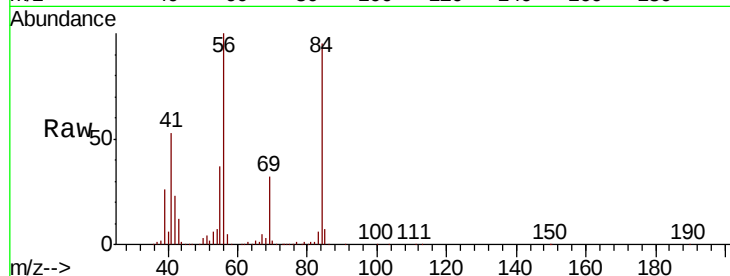
Tot Ion: 56 Resp: 220897

Ion Ratio Lower Upper

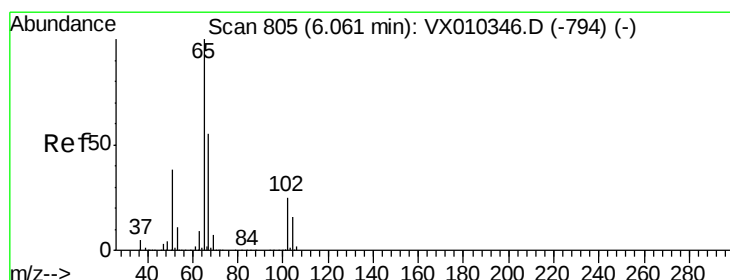
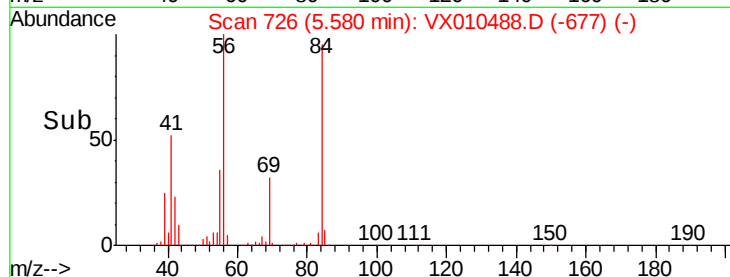
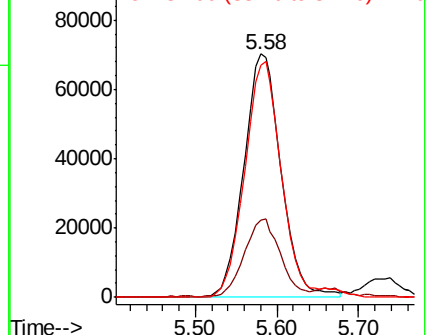
56 100

69 31.3 25.9 38.9

84 95.3 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: 49.968 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010488.D

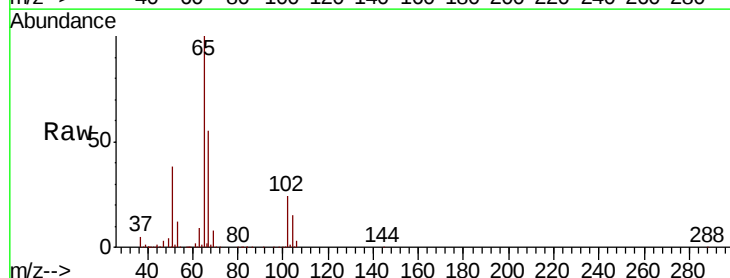
Acq: 27 Jun 2019 14:56

Tgt Ion: 65 Resp: 117587

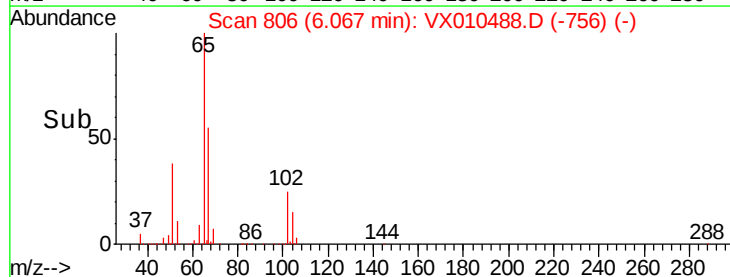
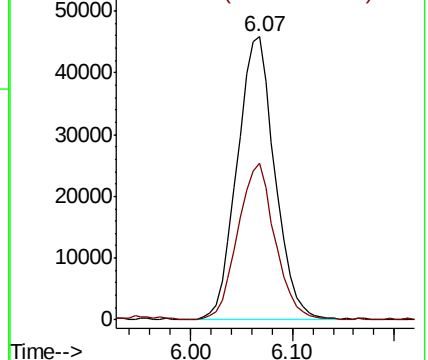
Ion Ratio Lower Upper

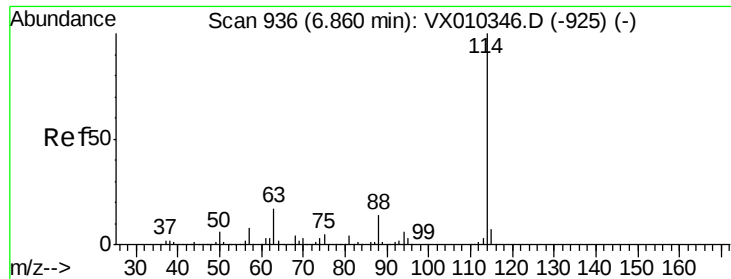
65 100

67 54.4 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: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

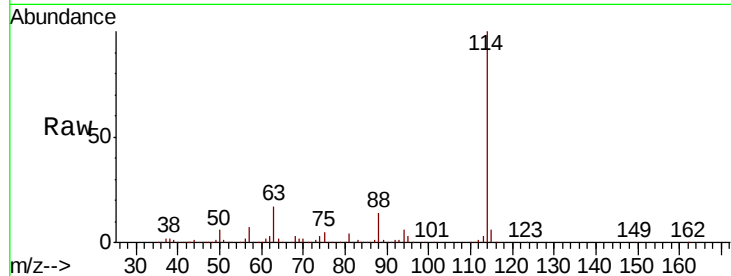
Tot Ion:114 Resp: 383904

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.8

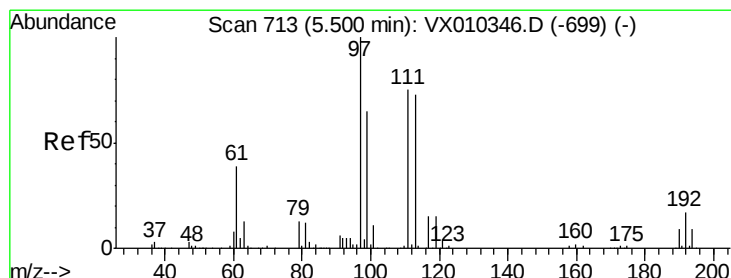
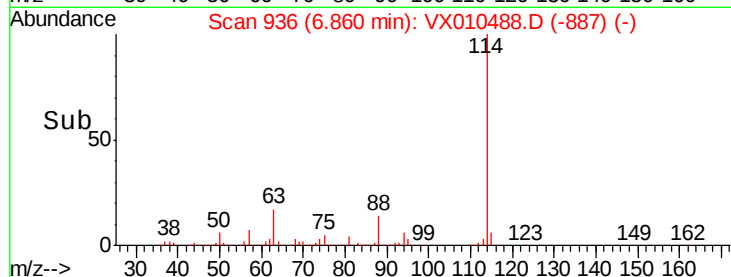
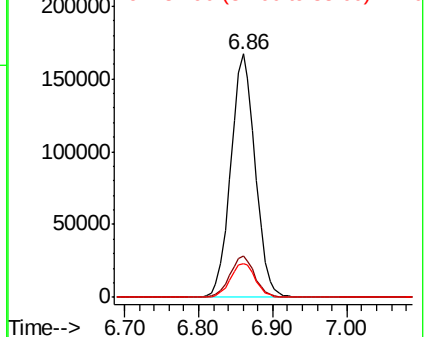
88 14.0 0.0 27.6



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: 49.959 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

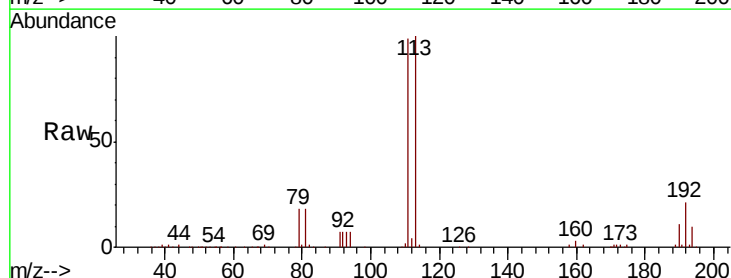
Tgt Ion:113 Resp: 117347

Ion Ratio Lower Upper

113 100

111 101.1 81.2 121.8

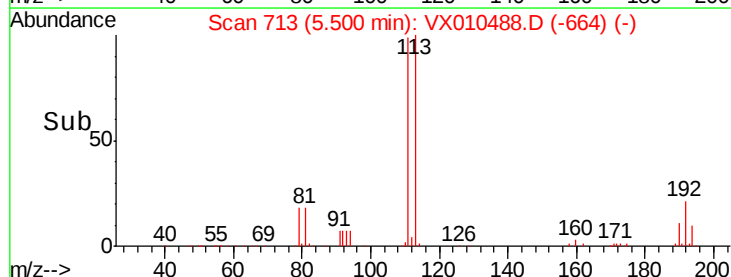
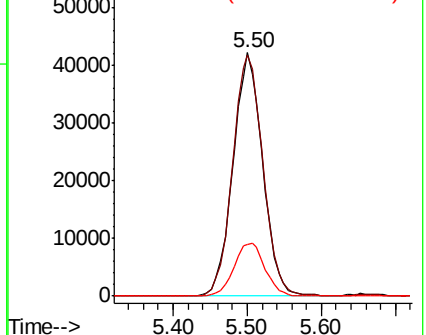
192 22.8 18.6 27.8

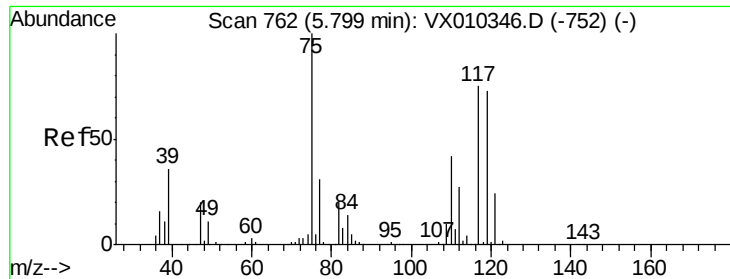


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.885 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

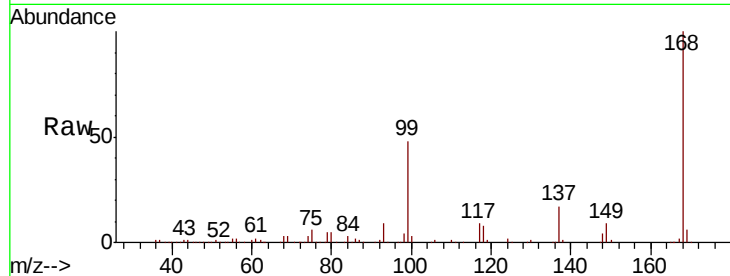
Tot Ion: 75 Resp: 14903

Ion Ratio Lower Upper

75 100

110 11.1 20.8 62.2#

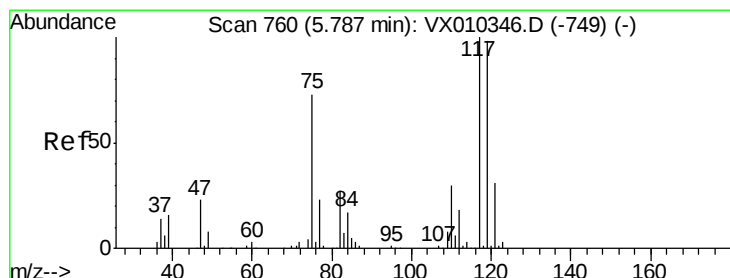
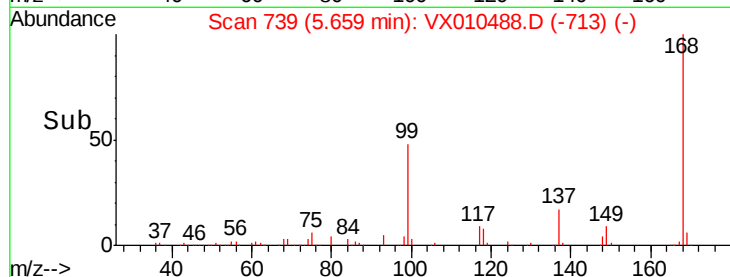
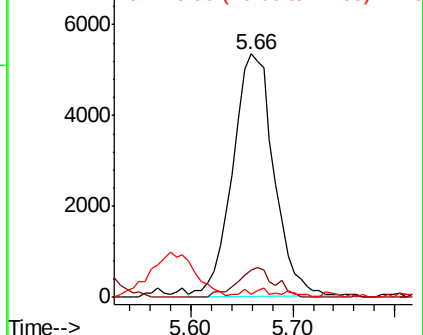
77 1.1 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.726 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

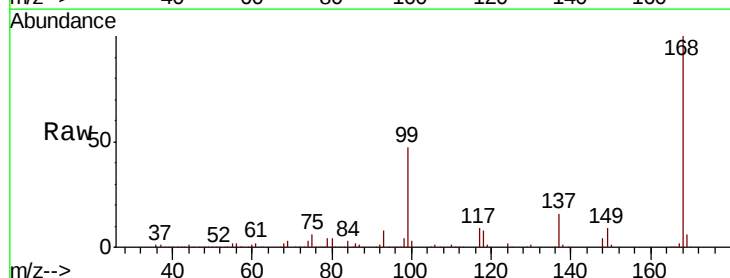
Tgt Ion: 117 Resp: 22218

Ion Ratio Lower Upper

117 100

119 5.6 78.2 117.4#

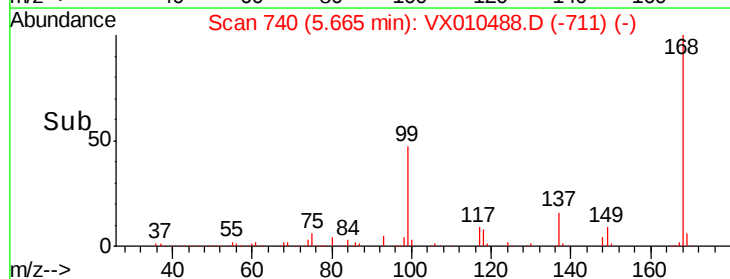
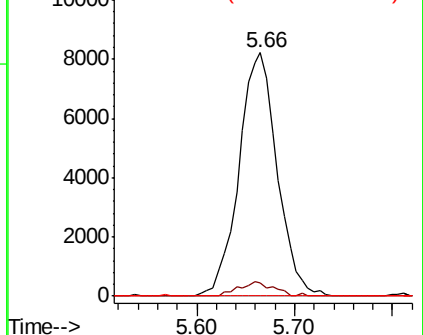
121 0.0 24.7 37.1#

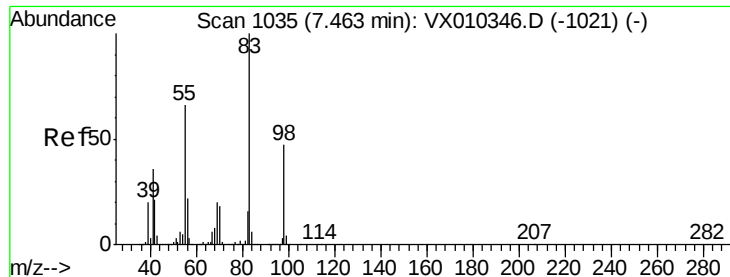


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

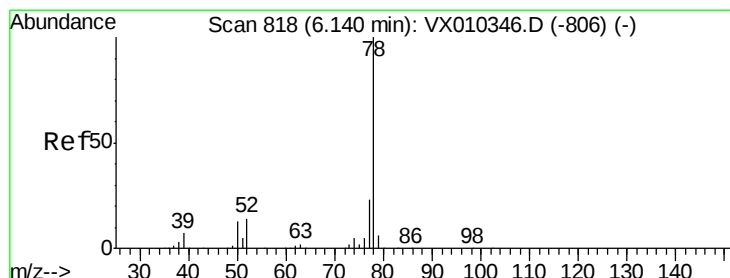
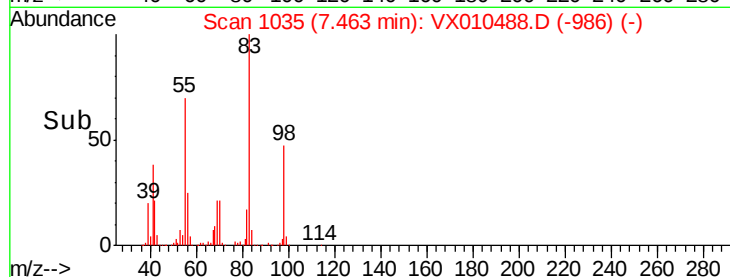
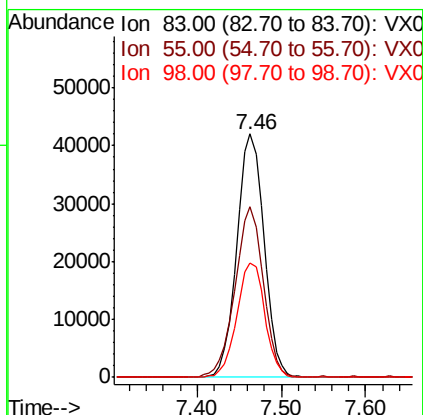
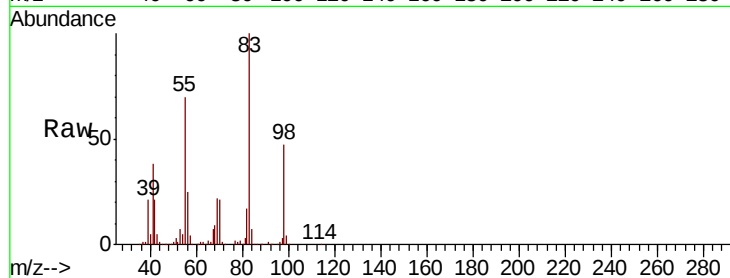




#39
Methvlcvclohexane
Concen: 22.792 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

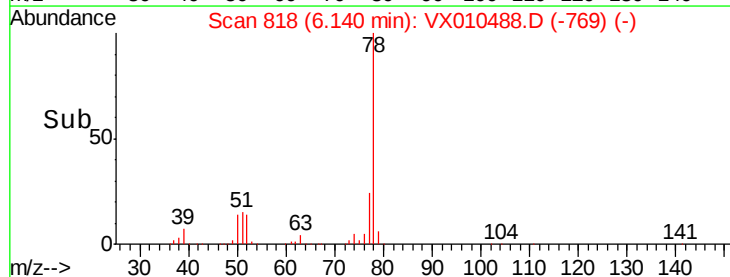
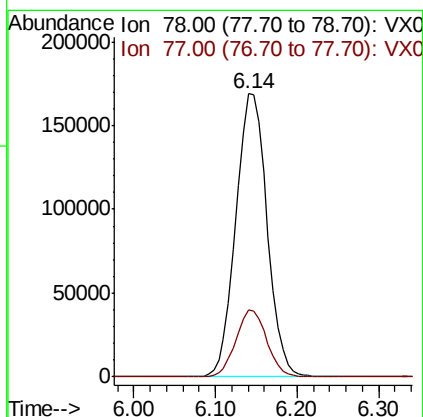
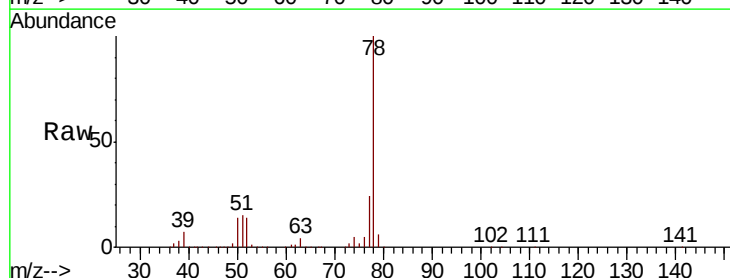
Instrument :
MSVOA_X
ClientSampled :

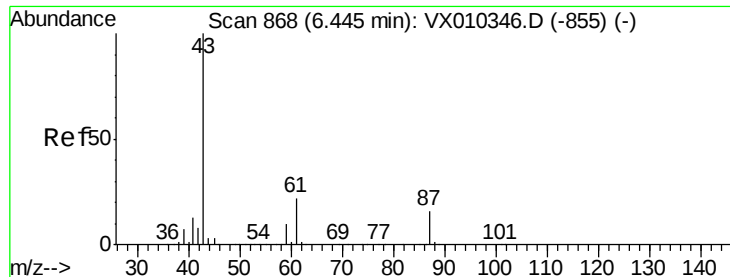
Tot Ion: 83 Resp: 91397
Ion Ratio Lower Upper
83 100
55 69.8 53.0 79.6
98 47.1 37.8 56.8



#40
Benzene
Concen: 47.273 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Tgt Ion: 78 Resp: 449299
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0





#43

Isopropyl Acetate

Concen: 0.378 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

ClientSampled :

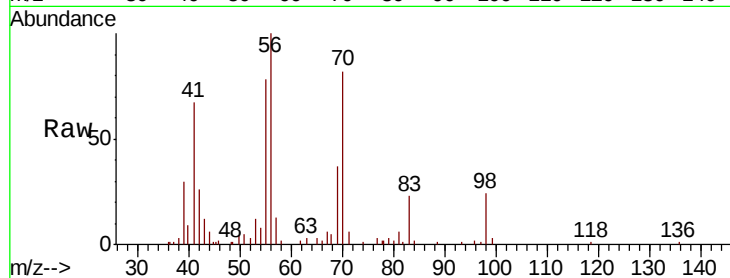
Tot Ion: 43 Resp: 1965

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

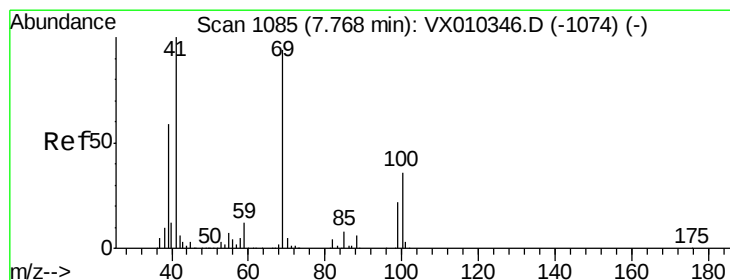
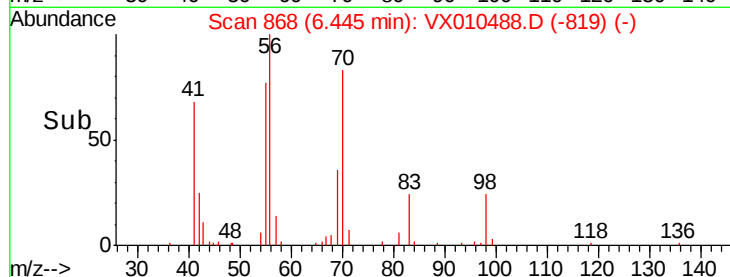
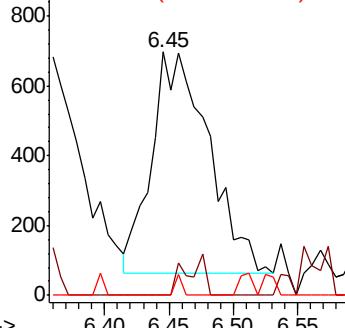
87 1.1 13.0 19.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 1.491 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.03 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

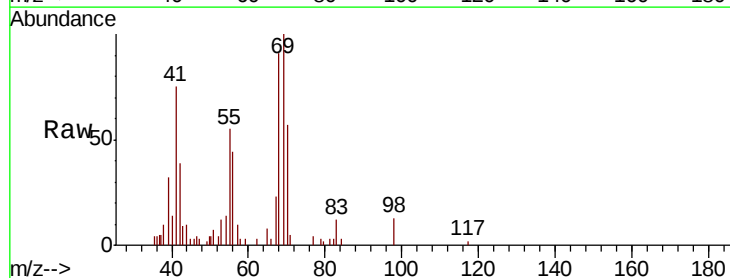
Tgt Ion: 41 Resp: 3598

Ion Ratio Lower Upper

41 100

69 158.7 76.1 114.1#

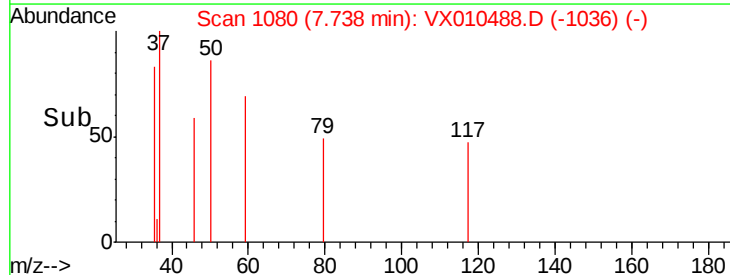
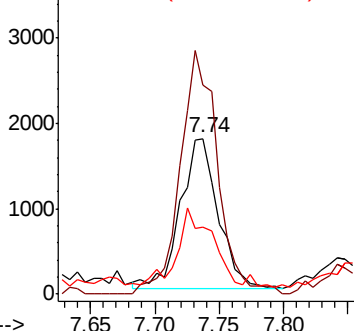
39 44.8 47.6 71.4#

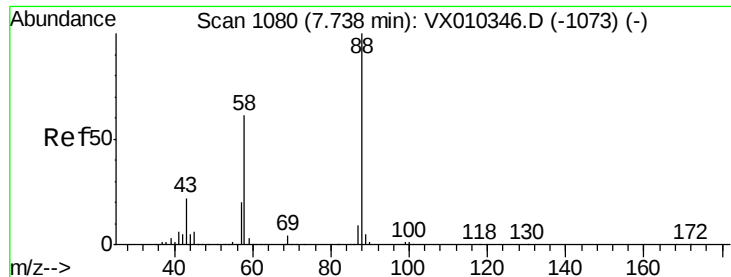


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

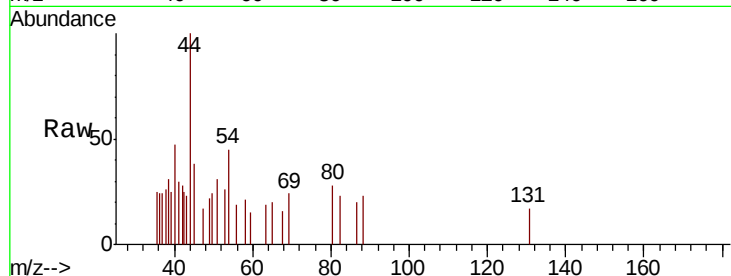




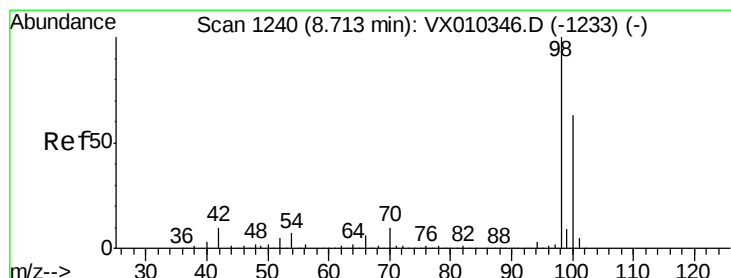
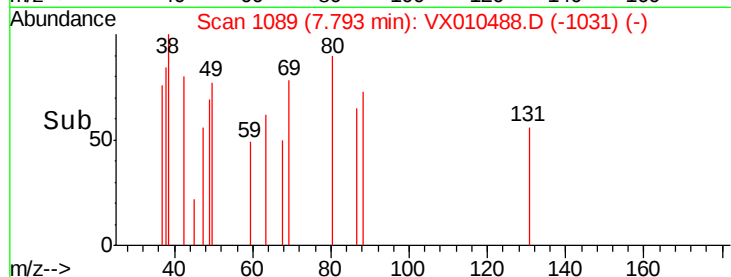
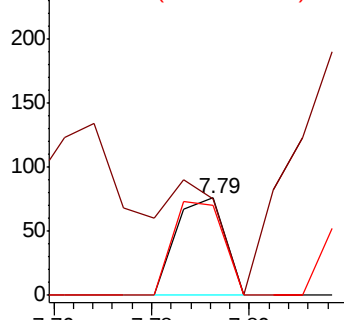
#49
1,4-Dioxane
Concen: 0.748 ug/l
RT: 7.79 min Scan# 1089
Delta R.T. 0.05 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 100.0 49.5 74.3#

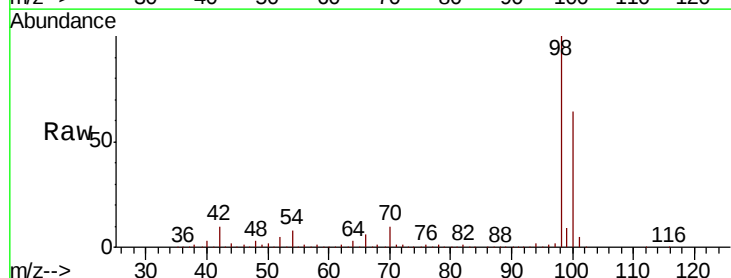


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

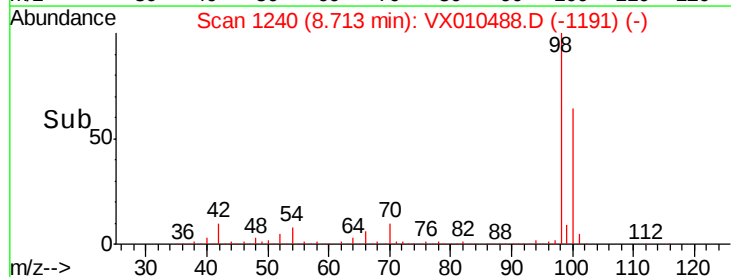
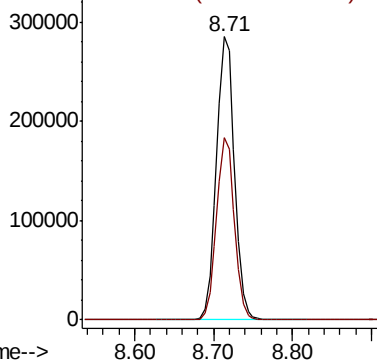


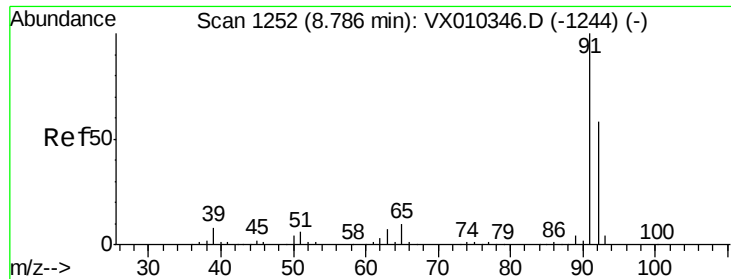
#50
Toluene-d8
Concen: 50.529 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Tgt Ion: 98 Resp: 454072
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



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





#52

Toluene

Concen: 1.923 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

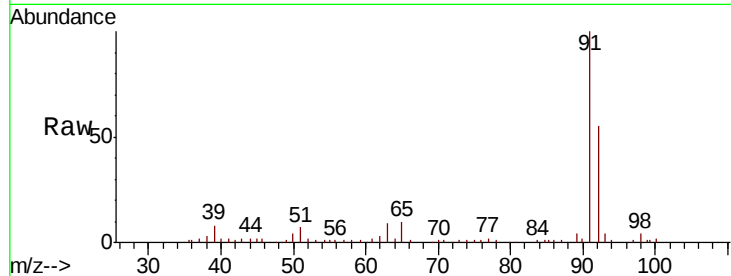
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 12037

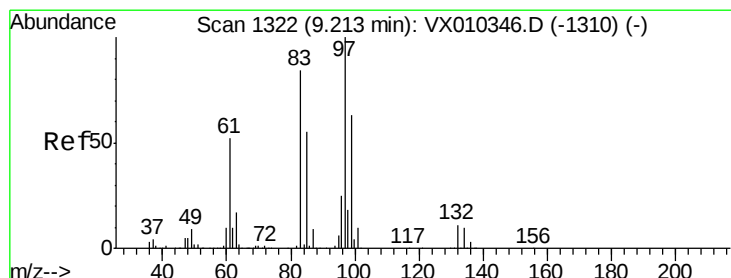
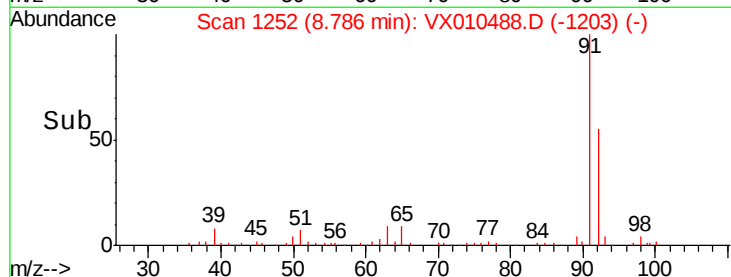
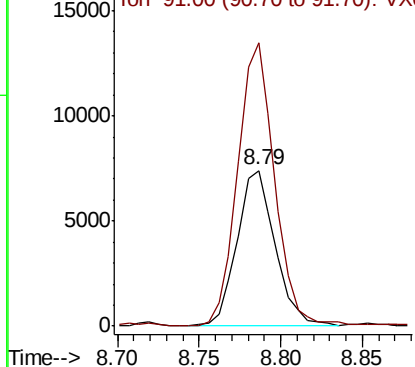
Ion Ratio Lower Upper

92 100

91 177.2 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.283 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Tgt Ion: 97 Resp: 3313

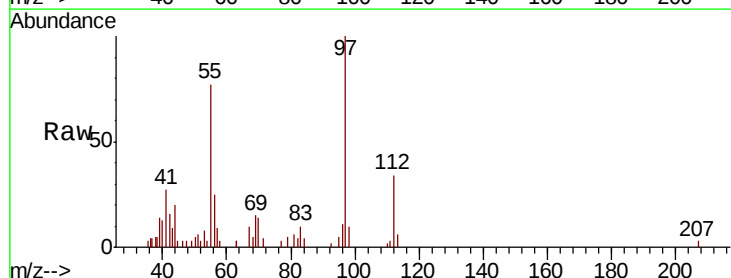
Ion Ratio Lower Upper

97 100

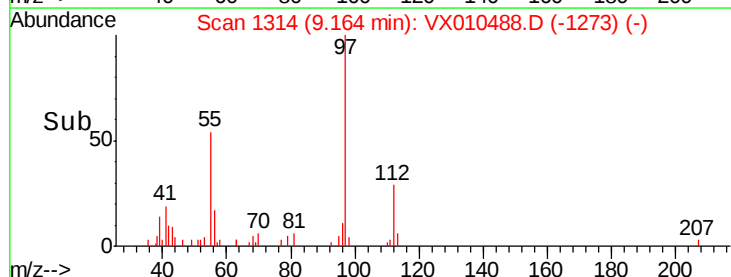
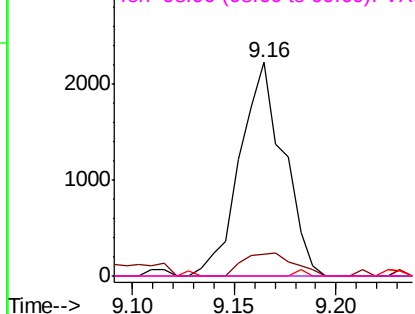
83 10.2 67.4 101.0#

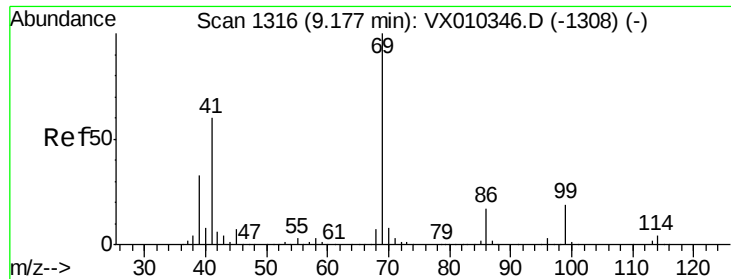
85 0.0 43.8 65.8#

99 0.0 50.3 75.5#



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.245 ug/l

RT: 9.16 min Scan# 1313

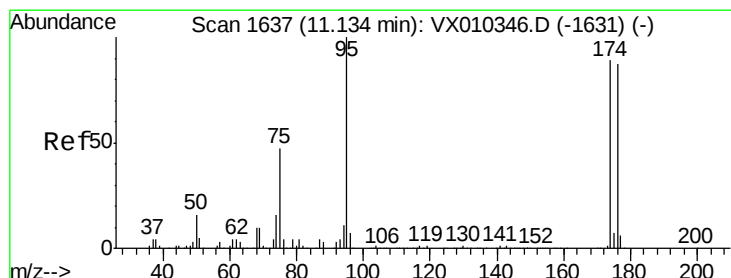
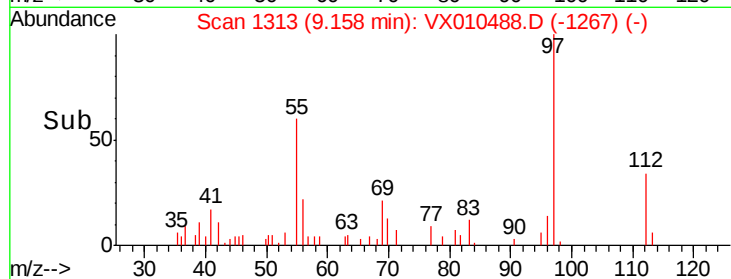
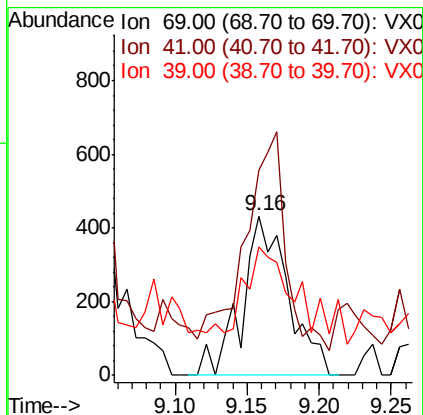
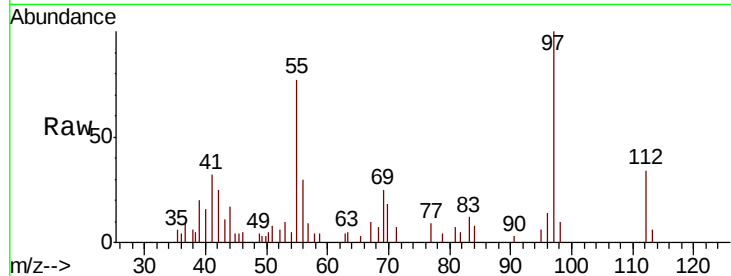
Delta R.T. -0.02 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	69	Resp:	957
Ion	Ratio	Lower	Upper
69	100		
41	120.2	47.1	70.7#
39	69.3	26.6	40.0#



#62

4-Bromofluorobenzene

Concen: 49.222 ug/l

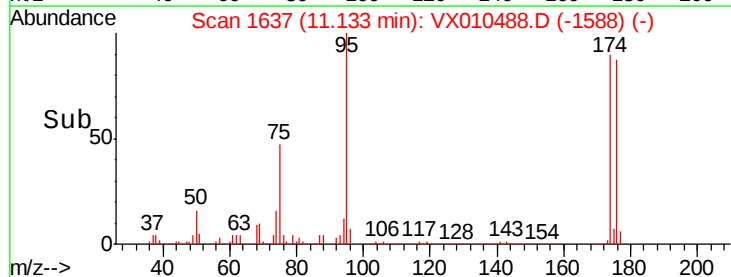
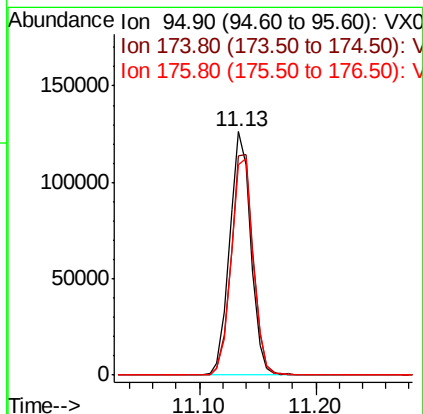
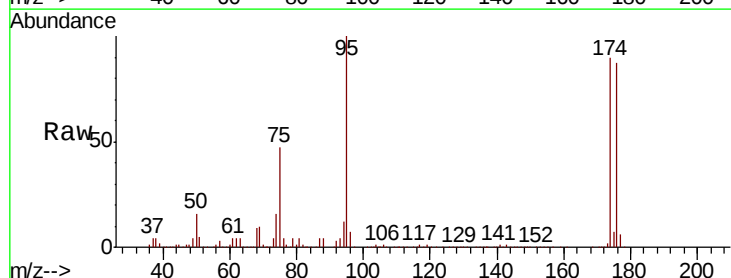
RT: 11.13 min Scan# 1637

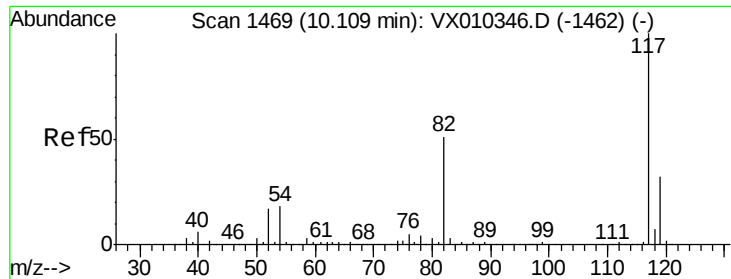
Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Tgt Ion:	95	Resp:	159690
Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	187.6
176	92.3	0.0	184.0

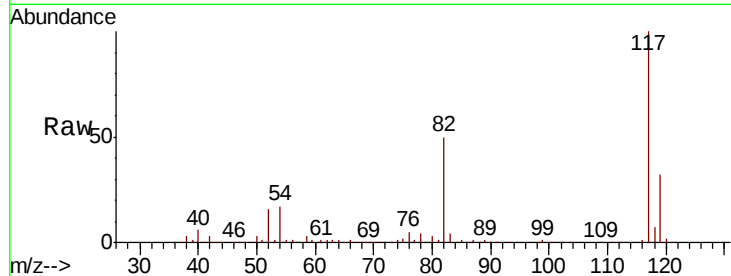




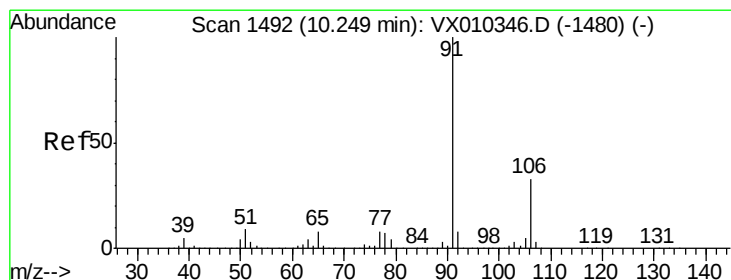
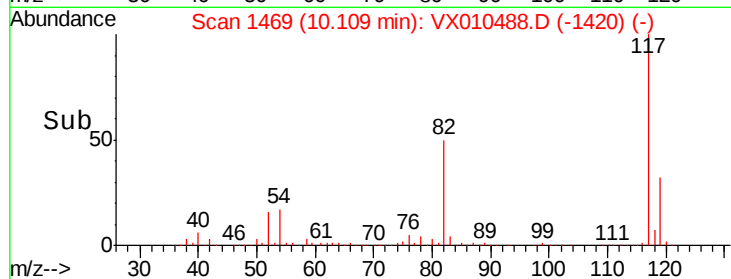
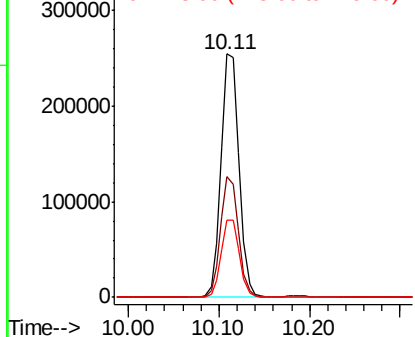
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 353887
Ion Ratio Lower Upper
117 100
82 49.7 41.2 61.8
119 31.7 25.5 38.3

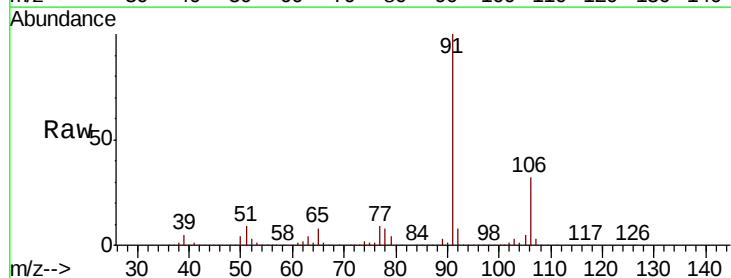


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

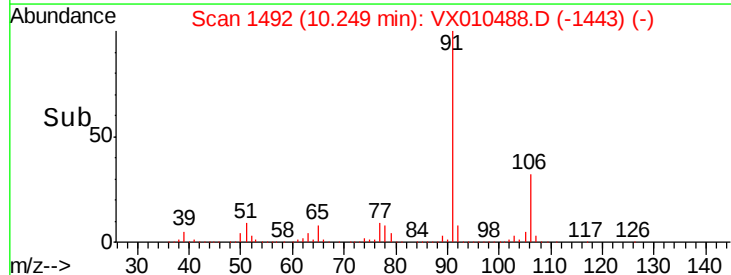
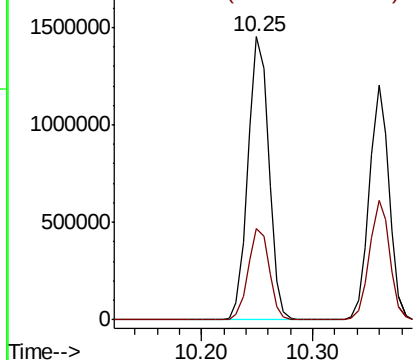


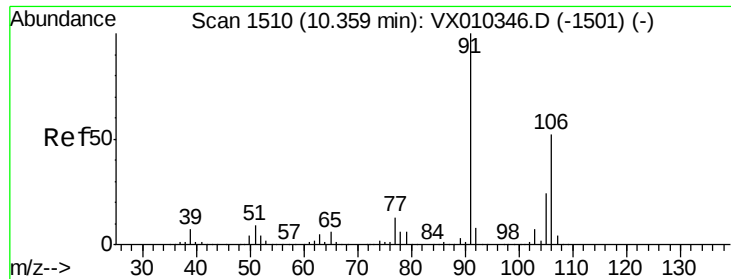
#67
Ethyl Benzene
Concen: 156.033 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Tgt Ion: 91 Resp: 1892549
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.2



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

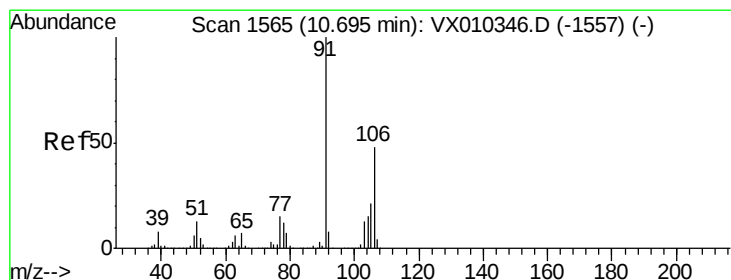
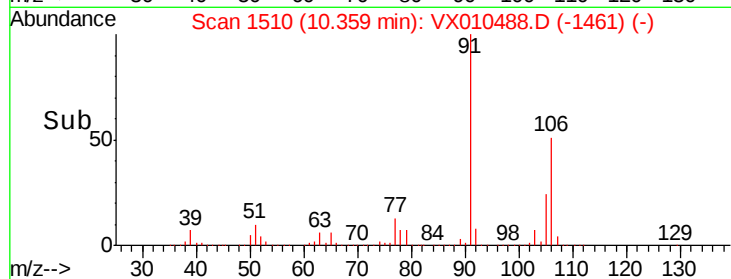
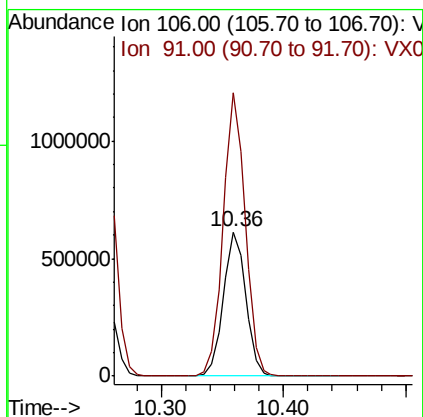
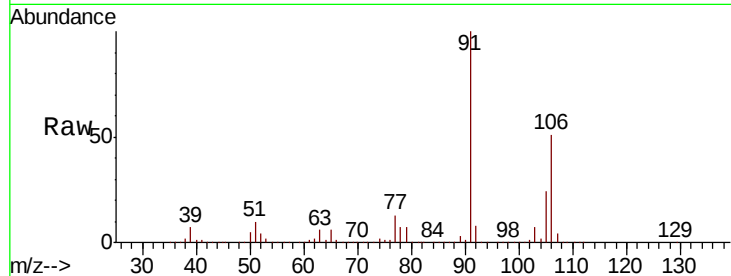




#68
m/p-Xylenes
Concen: 165.075 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

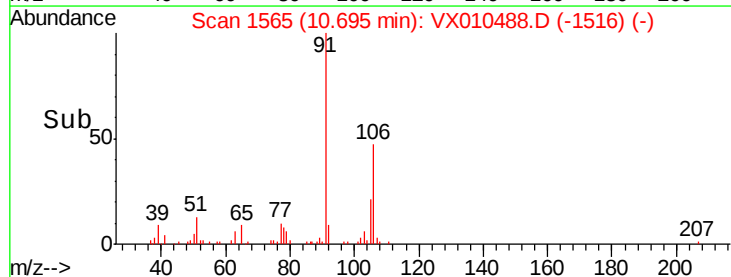
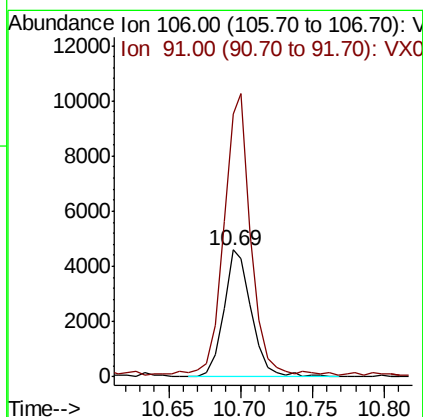
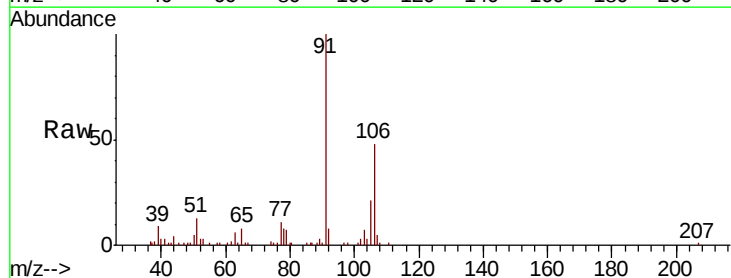
Instrument :
MSVOA_X
ClientSampleId :

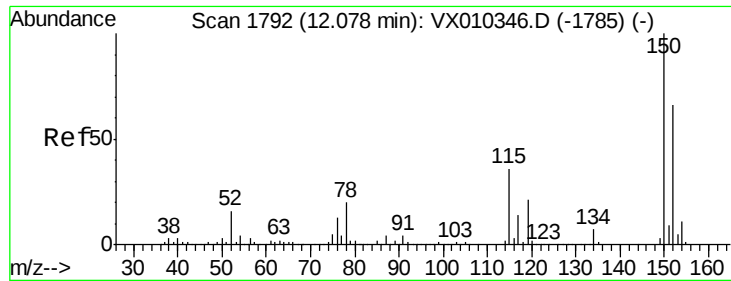
Tot Ion:106 Resp: 775809
Ion Ratio Lower Upper
106 100
91 193.6 155.3 232.9



#69
o-Xylene
Concen: 1.340 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Tgt Ion:106 Resp: 6191
Ion Ratio Lower Upper
106 100
91 210.7 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

ClientSampled :

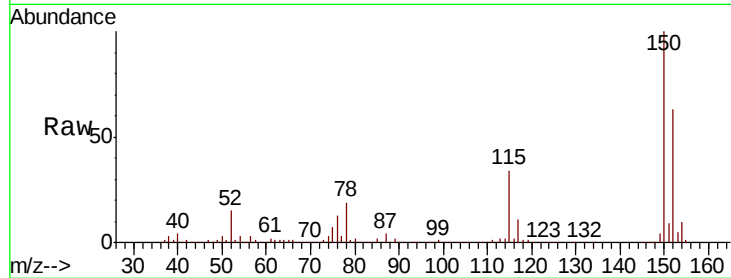
Tot Ion:152 Resp: 174673

Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

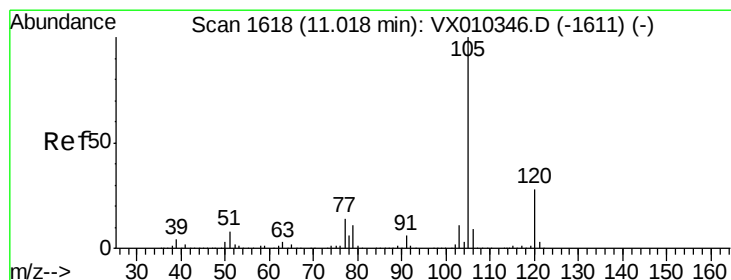
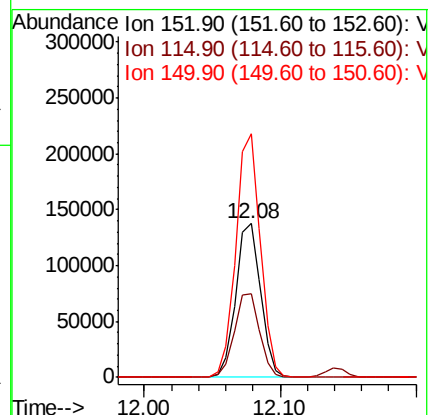
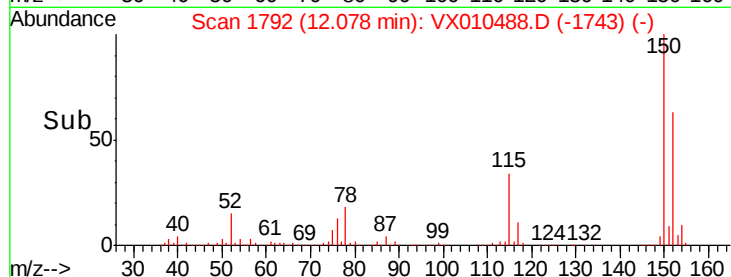
150 156.6 0.0 347.4



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: 18.616 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010488.D

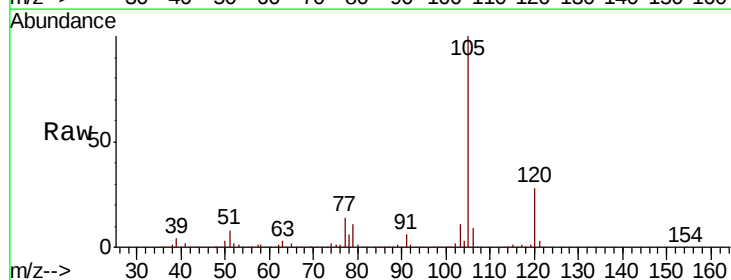
Acq: 27 Jun 2019 14:56

Tgt Ion:105 Resp: 220428

Ion Ratio Lower Upper

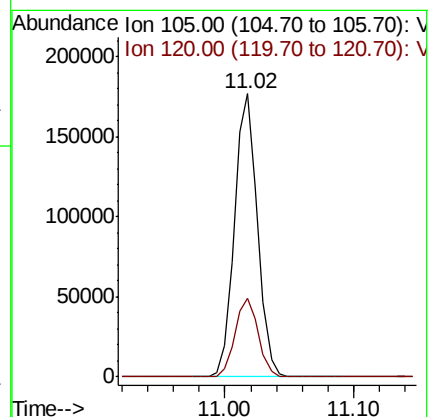
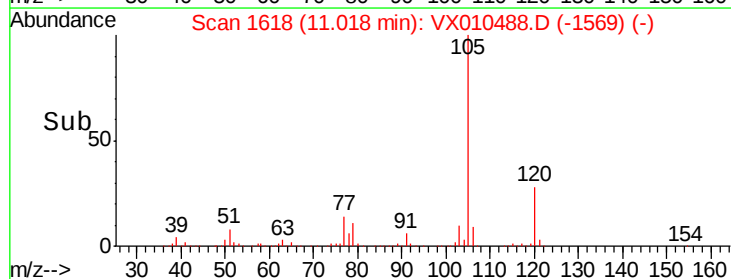
105 100

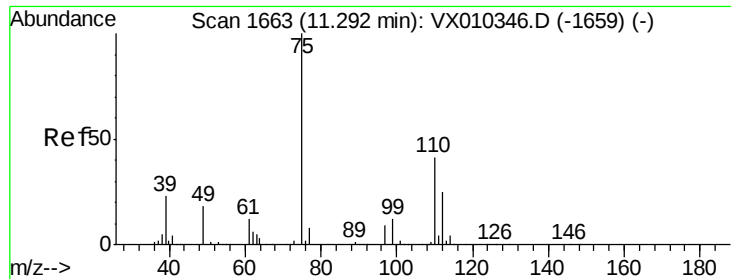
120 27.9 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

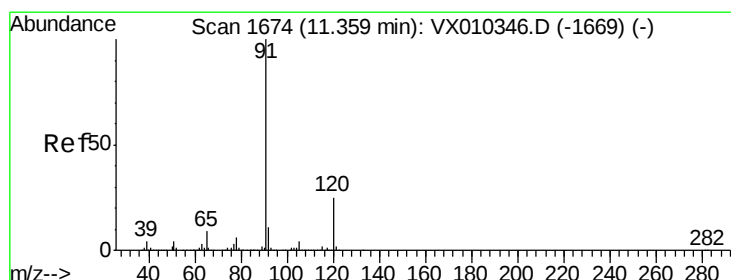
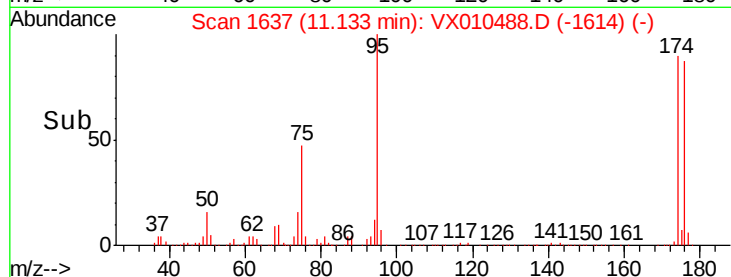
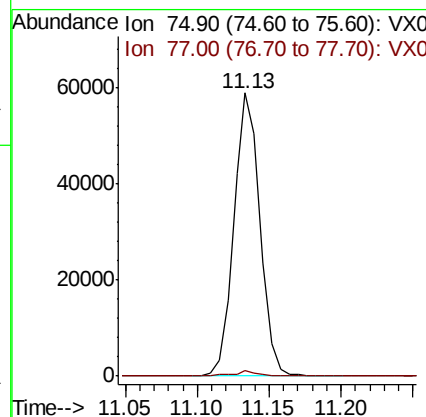
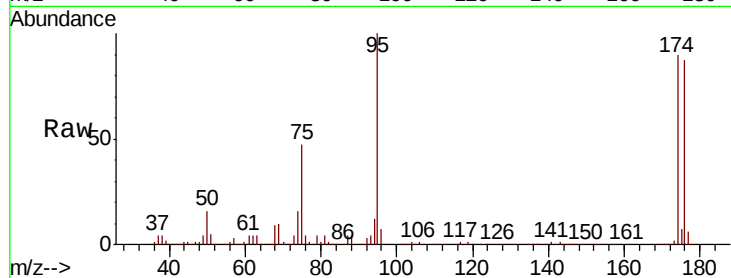




#76
1,2,3-Trichloropropane
Concen: 23.518 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

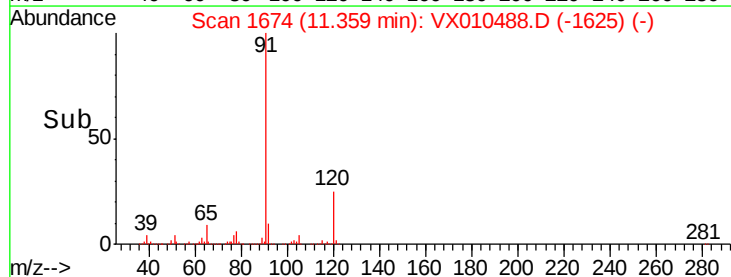
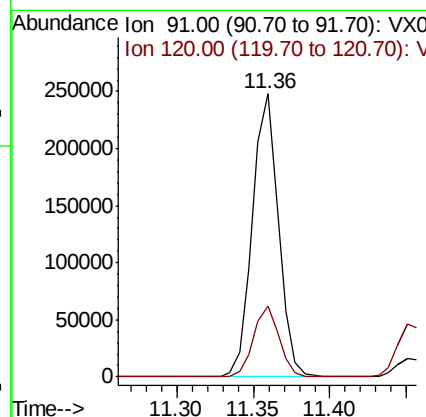
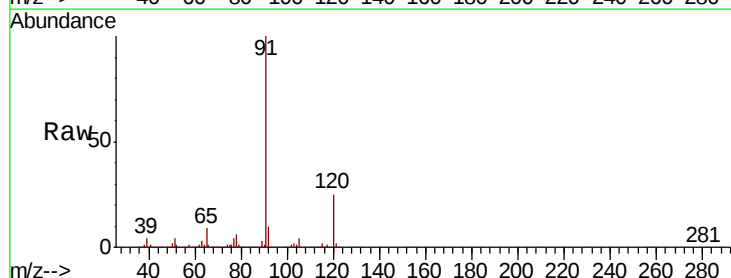
Instrument :
MSVOA_X
ClientSampleId :

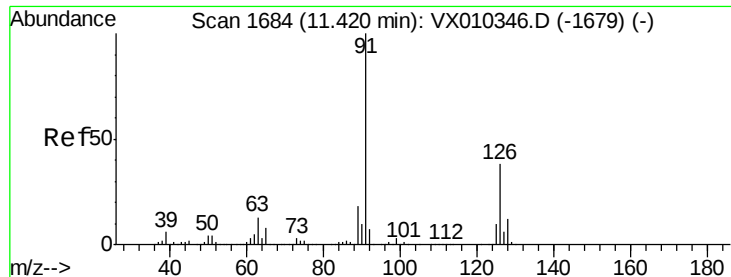
Tot Ion: 75 Resp: 74857
Ion Ratio Lower Upper
75 100
77 1.7 22.6 67.8#



#78
n-propylbenzene
Concen: 22.571 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Tgt Ion: 91 Resp: 293731
Ion Ratio Lower Upper
91 100
120 24.7 12.4 37.4

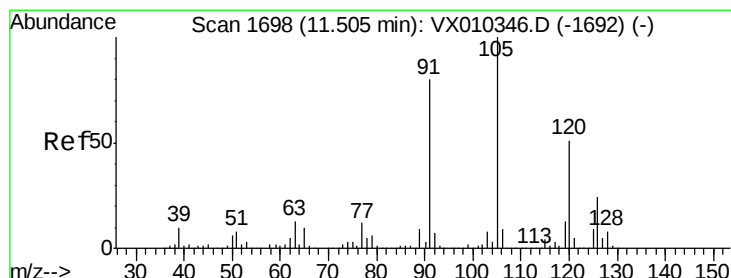
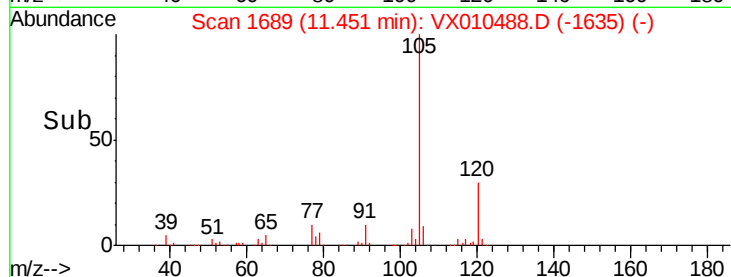
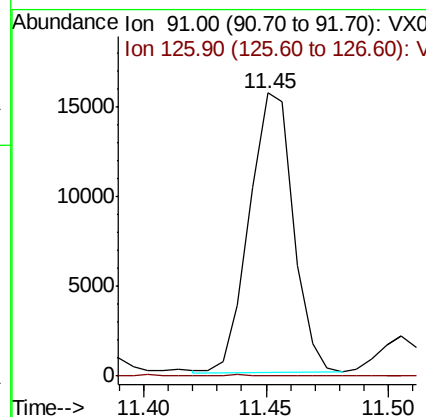
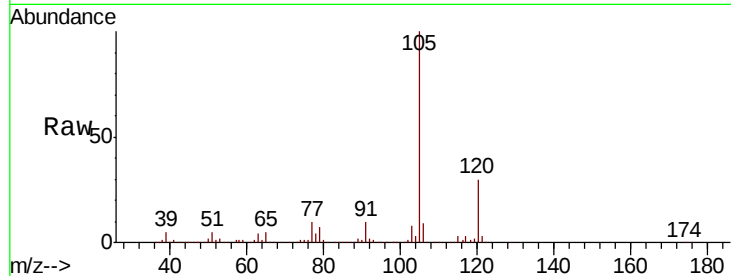




#79
 2-Chlorotoluene
 Concen: 2.528 ug/l
 RT: 11.45 min Scan# 1689
 Delta R.T. 0.03 min
 Lab File: VX010488.D
 Acq: 27 Jun 2019 14:56

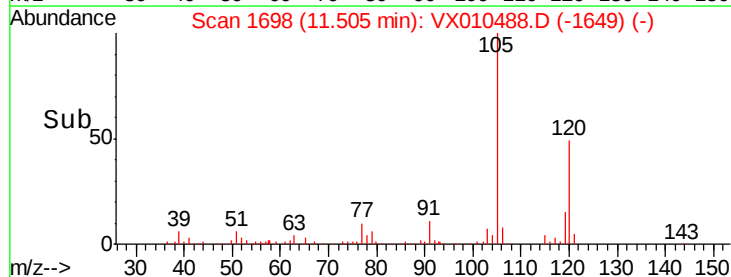
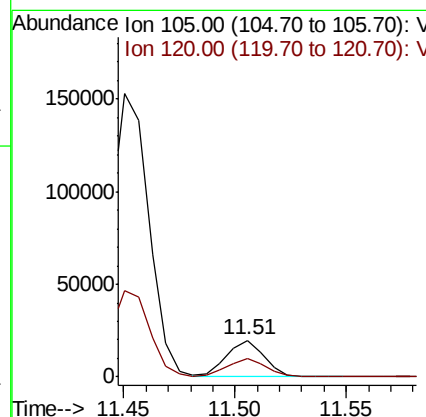
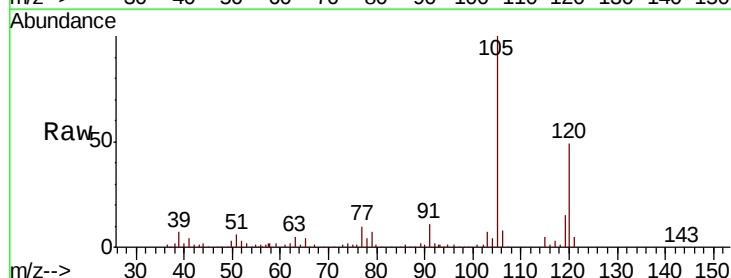
Instrument :
 MSVOA_X
 ClientSampleId :

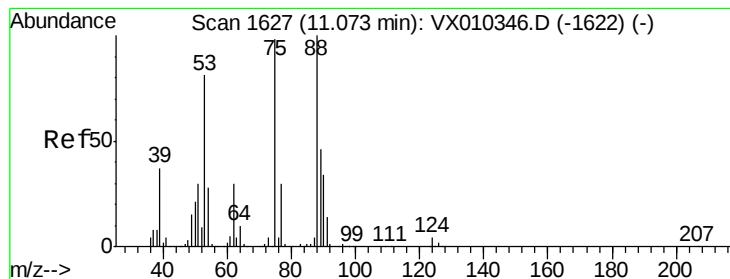
Tot Ion: 91 Resp: 19588
 Ion Ratio Lower Upper
 91 100
 126 0.2 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.412 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010488.D
 Acq: 27 Jun 2019 14:56

Tgt Ion: 105 Resp: 23548
 Ion Ratio Lower Upper
 105 100
 120 51.5 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 1.715 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

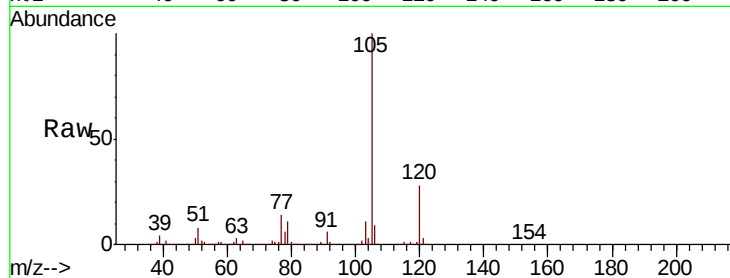
Tot Ion: 75 Resp: 2340

Ion Ratio Lower Upper

75 100

53 114.8 66.1 99.1#

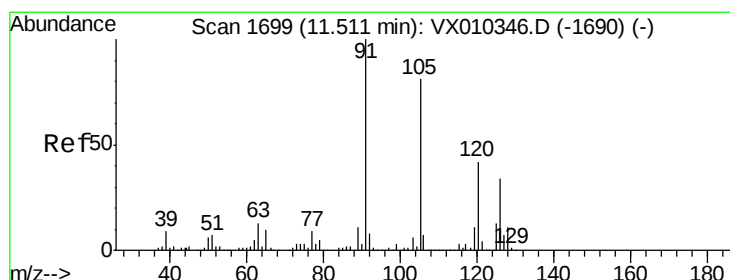
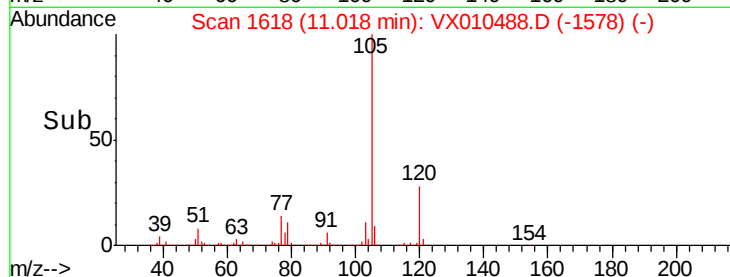
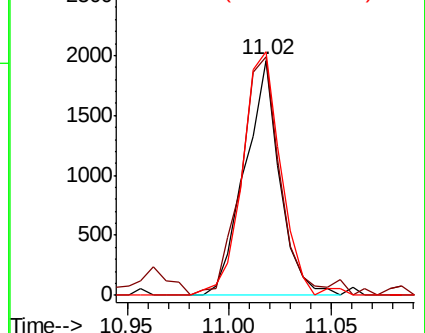
89 113.3 37.8 56.6#



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: 2.221 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.06 min

Lab File: VX010488.D

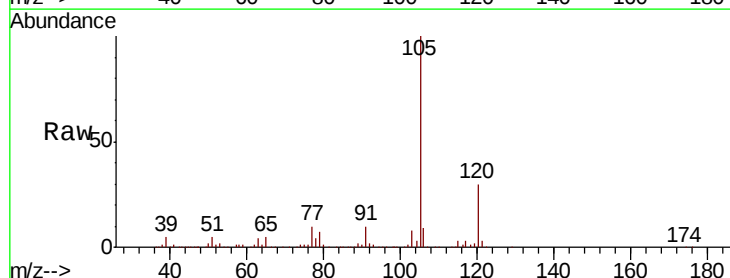
Acq: 27 Jun 2019 14:56

Tgt Ion: 91 Resp: 19588

Ion Ratio Lower Upper

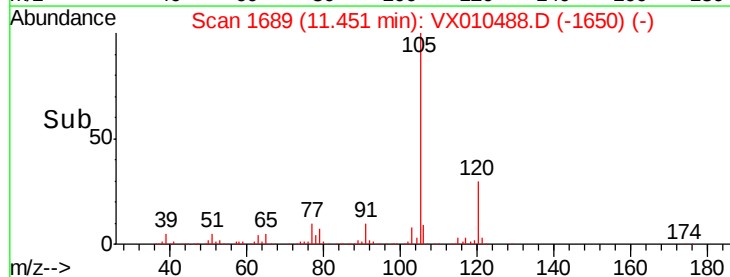
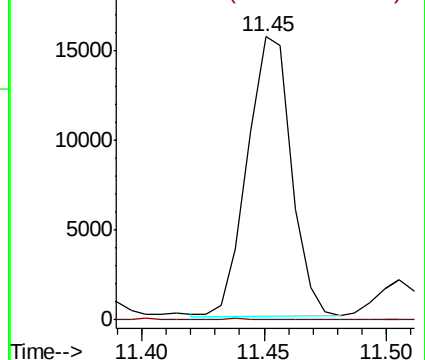
91 100

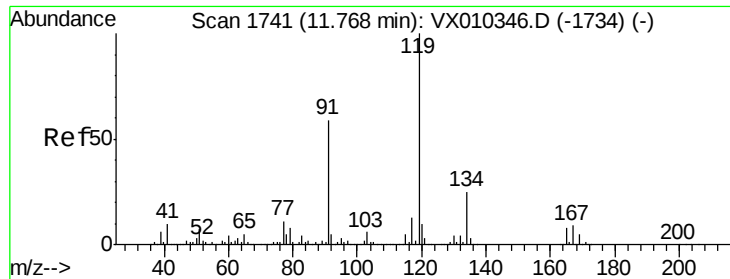
126 0.2 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.680 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

ClientSampled :

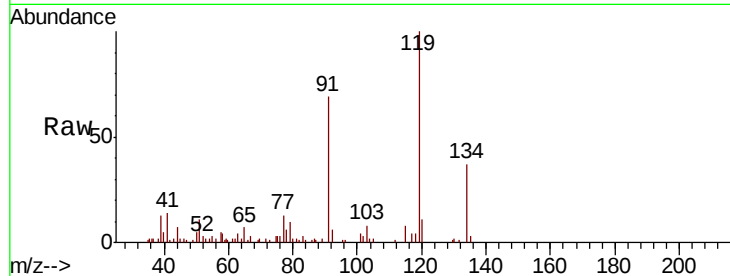
Tot Ion:119 Resp: 6664

Ion Ratio Lower Upper

119 100

91 69.1 27.6 82.7

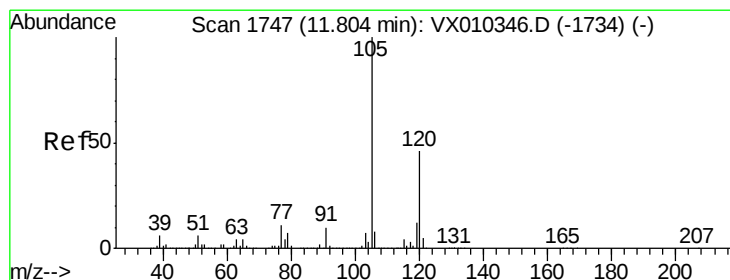
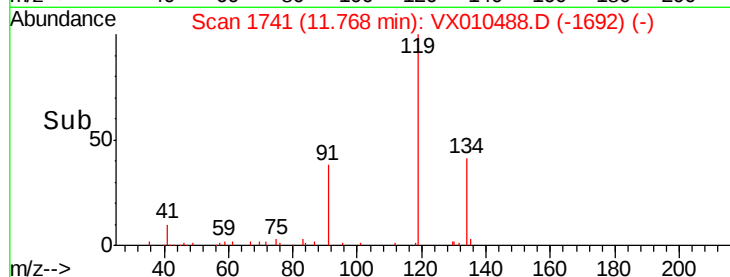
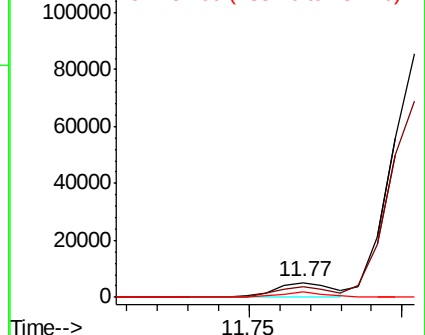
134 30.6 11.8 35.4



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: 83.338 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010488.D

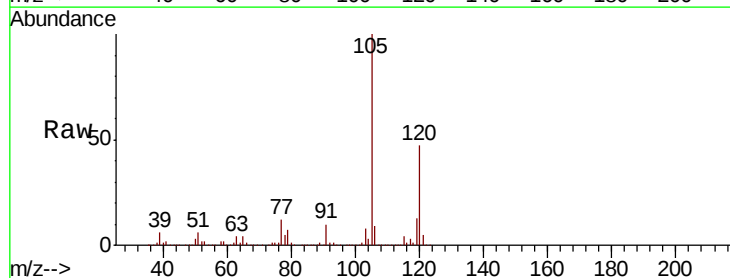
Acq: 27 Jun 2019 14:56

Tgt Ion:105 Resp: 817294

Ion Ratio Lower Upper

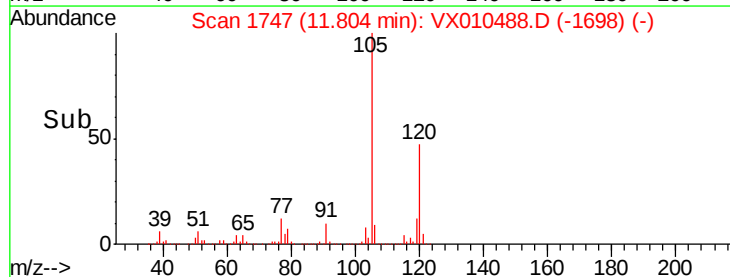
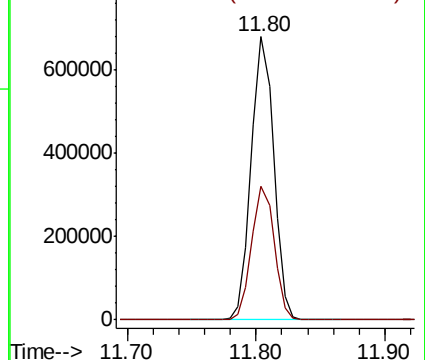
105 100

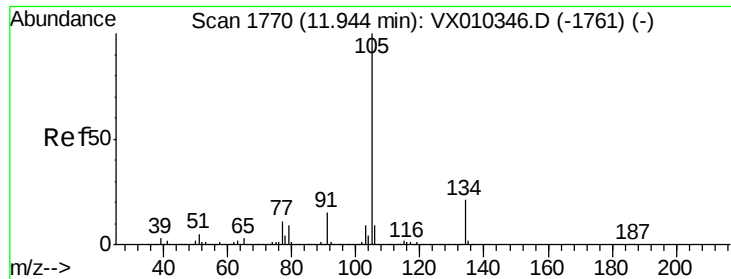
120 47.6 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.166 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

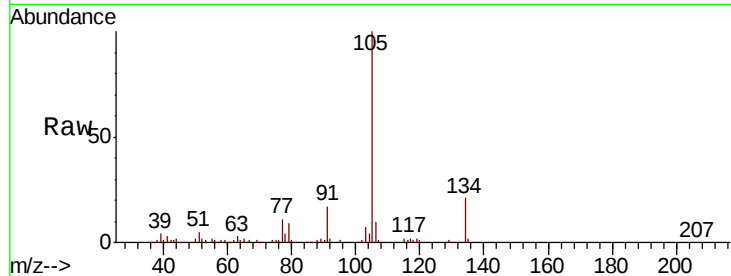
ClientSampleId :

Tot Ion:105 Resp: 24913

Ion Ratio Lower Upper

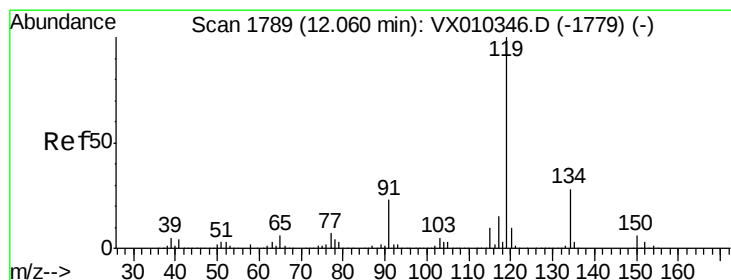
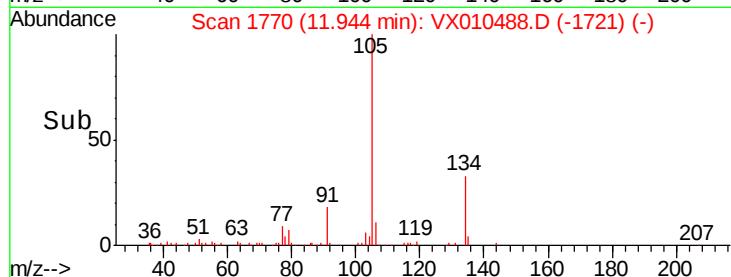
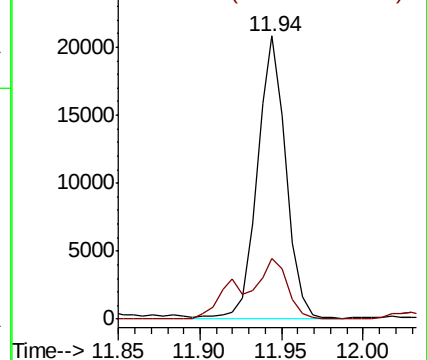
105 100

134 22.8 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: 1.642 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

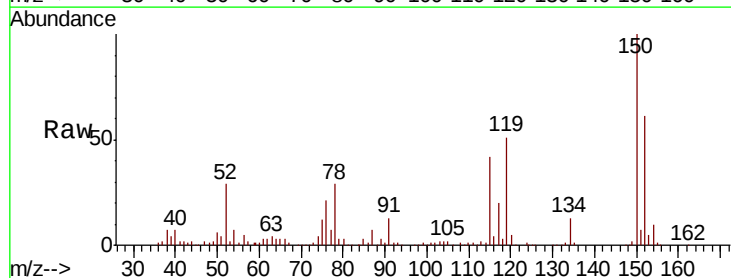
Tgt Ion:119 Resp: 17475

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

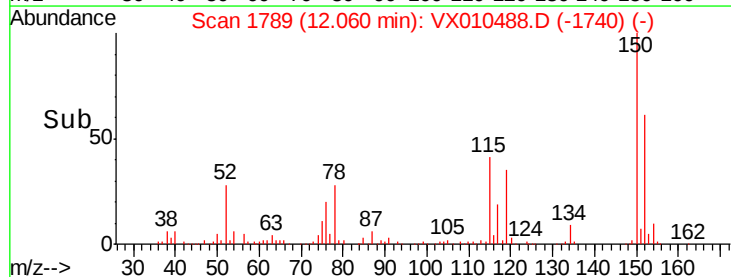
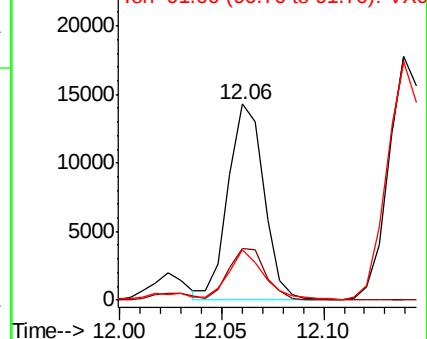
91 25.5 11.3 33.8

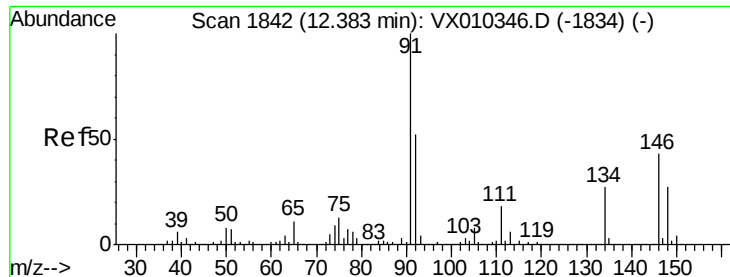


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

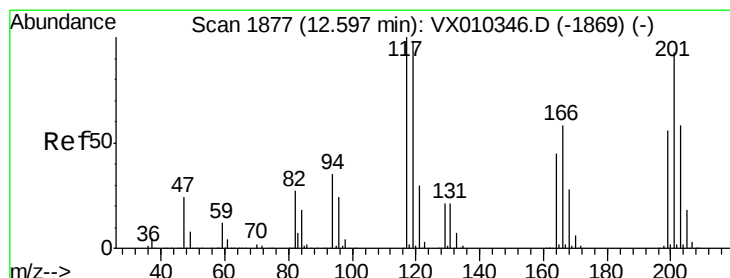
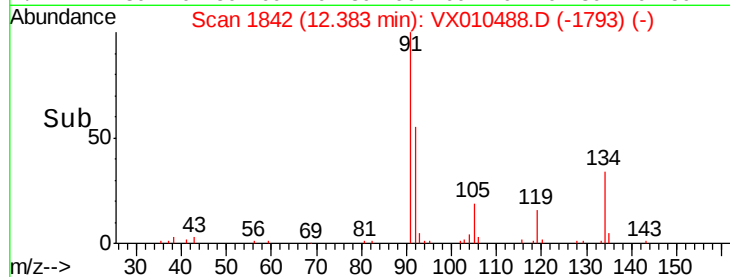
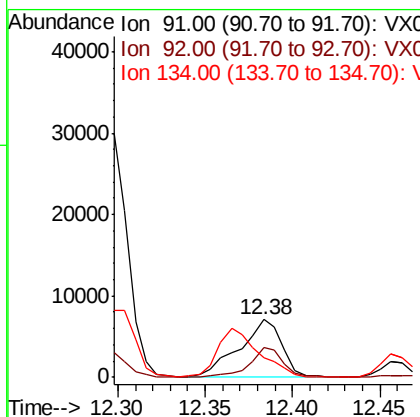
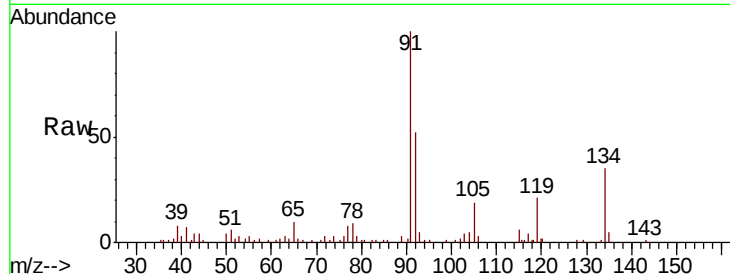




#89
n-Butylbenzene
Concen: 1.315 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

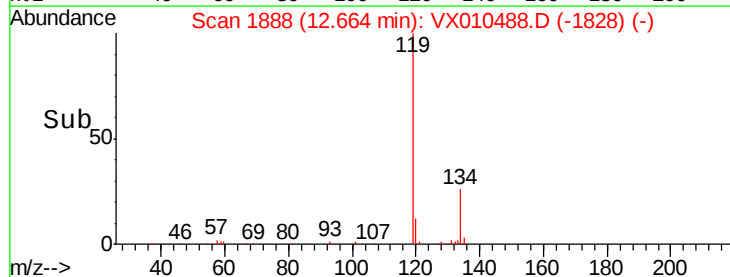
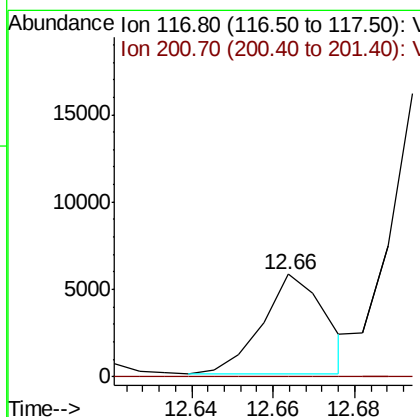
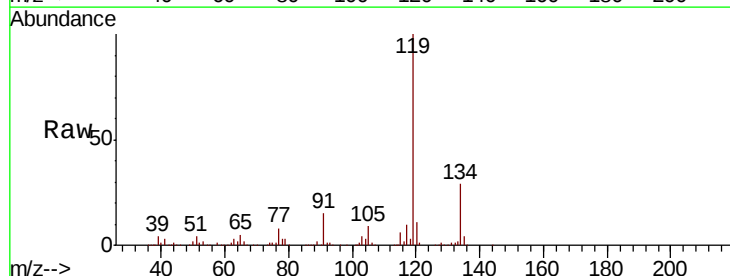
Instrument :
MSVOA_X
ClientSampled :

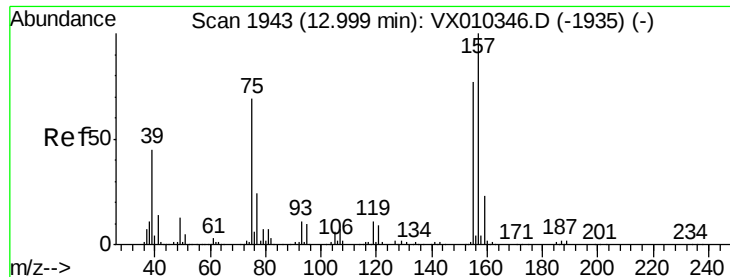
Tot Ion: 91 Resp: 11892
Ion Ratio Lower Upper
91 100
92 41.8 26.2 78.5
134 83.6 14.1 42.4#



#90
Hexachloroethane
Concen: 3.387 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Tgt Ion: 117 Resp: 6231
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.920 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

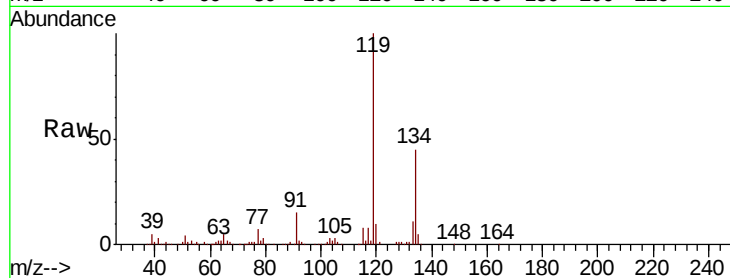
Tot Ion: 75 Resp: 778

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

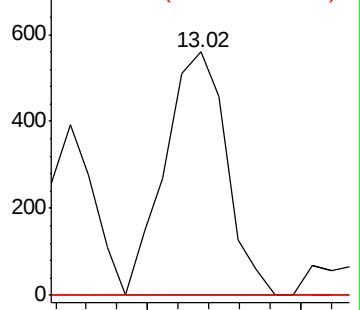
157 0.0 69.5 208.3#



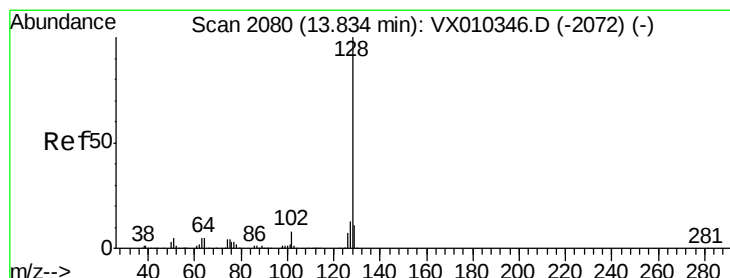
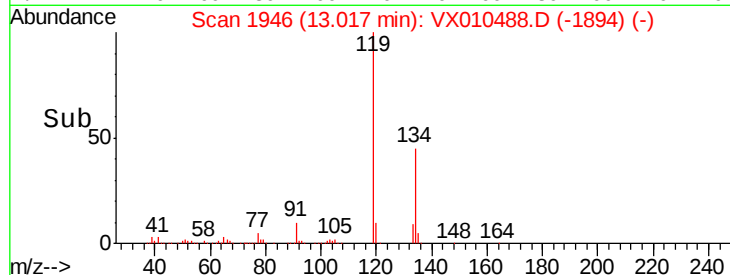
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->



#95

Naphthalene

Concen: 33.105 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

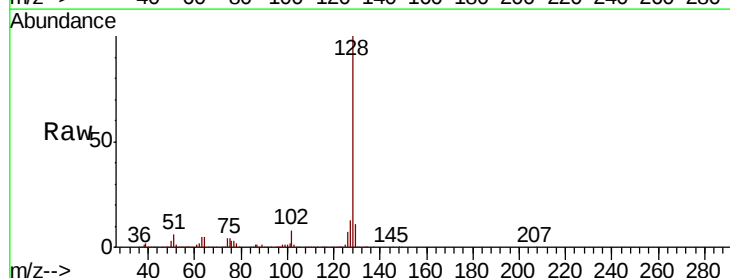
Tgt Ion: 128 Resp: 404674

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

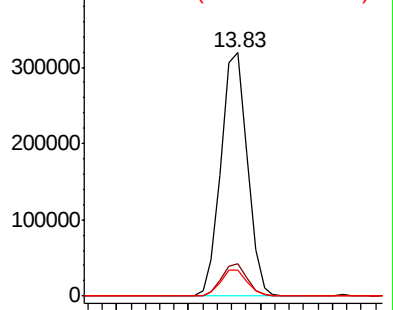
129 11.0 8.9 13.3



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



Time-->

