

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072219\
 Data File : VX011042.D
 Acq On : 22 Jul 2019 19:44
 Operator : JC/SP
 Sample : K3934-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

Quant Time: Jul 23 03:47:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	221223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	329496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164652	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	120888	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
35) Dibromofluoromethane	5.50	113	109780	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
50) Toluene-d8	8.71	98	423497	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.13	95	155441	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	21	0.555	ug/l #	43
5) Bromomethane	1.66	94	640	0.547	ug/l #	23
8) Diethyl Ether	2.19	74	425	0.351	ug/l	100
11) Tert butyl alcohol	3.04	59	5169	9.431	ug/l #	93
13) Acrolein	2.30	56	313	0.988	ug/l #	74
16) Acetone	2.45	43	10676	10.044	ug/l	95
18) Methyl Acetate	2.77	43	751	0.310	ug/l #	80
25) 2-Butanone	4.69	43	4069	2.667	ug/l	96
31) Cyclohexane	5.57	56	686	0.215	ug/l #	64
36) 1,1-Dichloropropene	5.66	75	14918	5.134	ug/l #	49
38) Carbon Tetrachloride	5.66	117	20844	6.884	ug/l #	17
39) Methylcyclohexane	7.46	83	2917	0.774	ug/l #	83
40) Benzene	6.15	78	13752	1.545	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1114	0.351	ug/l #	85
52) Toluene	8.78	92	13650	2.335	ug/l	97
60) Dibromochloromethane	9.34	129	47	2.544	ug/l #	11
67) Ethyl Benzene	10.25	91	11265	0.978	ug/l	91
68) m/p-Xylenes	10.35	106	43613	9.870	ug/l	100
69) o-Xylene	10.69	106	28283	6.559	ug/l	95
70) Styrene	10.69	104	1975	0.275	ug/l #	1
73) Isopropylbenzene	11.02	105	5694	0.512	ug/l	94
74) N-amyl acetate	10.91	43	1035	0.243	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	77173	25.973	ug/l #	35
78) n-propylbenzene	11.36	91	13748	1.118	ug/l	97
79) 2-Chlorotoluene	11.44	91	4144	0.561	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	12614	1.357	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	77173	64.547	ug/l #	11
82) 4-Chlorotoluene	11.51	91	1756	0.204	ug/l #	43
83) tert-Butylbenzene	11.77	119	2160	0.237	ug/l	85
84) 1,2,4-Trimethylbenzene	11.80	105	45973	4.906	ug/l	99
85) sec-Butylbenzene	11.94	105	12883	1.204	ug/l	98
86) p-Isopropyltoluene	12.23	119	6007	0.607	ug/l	94
89) n-Butylbenzene	12.38	91	20803	2.458	ug/l #	74
90) Hexachloroethane	12.66	117	13812	8.853	ug/l #	6

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Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration

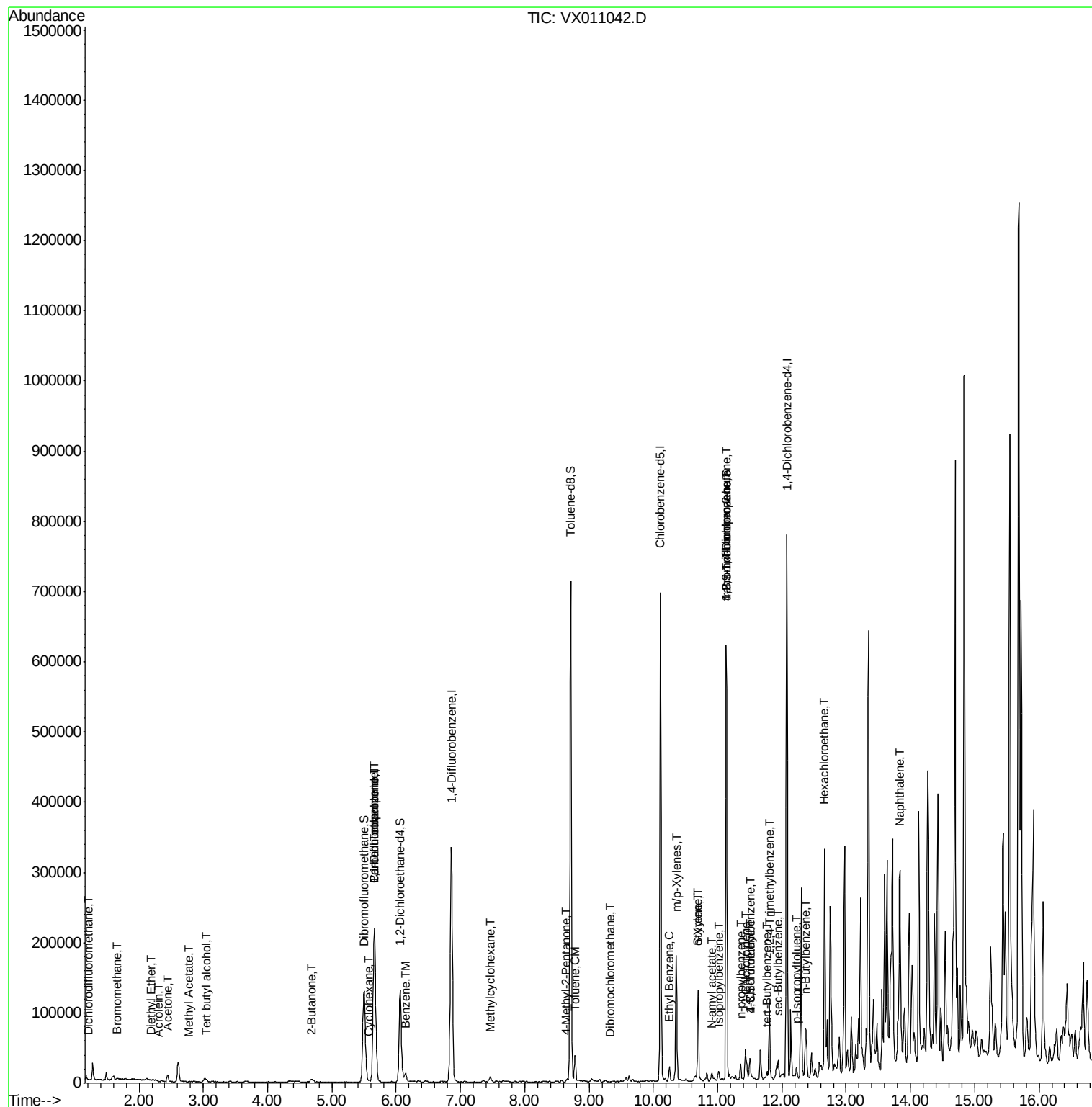
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	177505	16.805	ug/l #	95

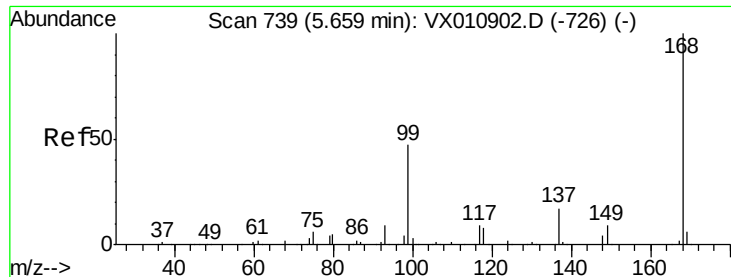
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

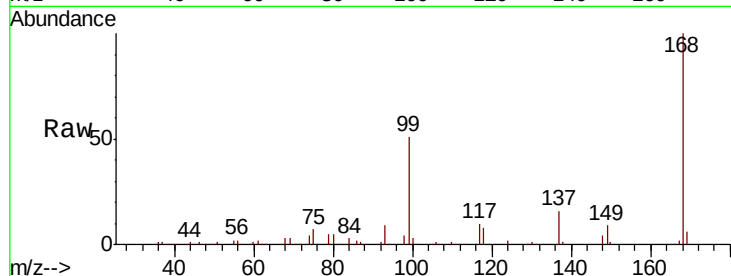
TP-3

Tot Ion:168 Resp: 221223

Ion Ratio Lower Upper

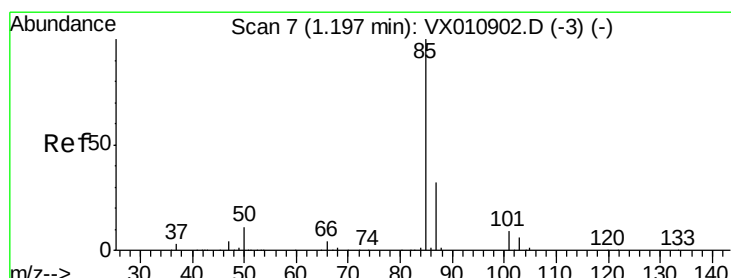
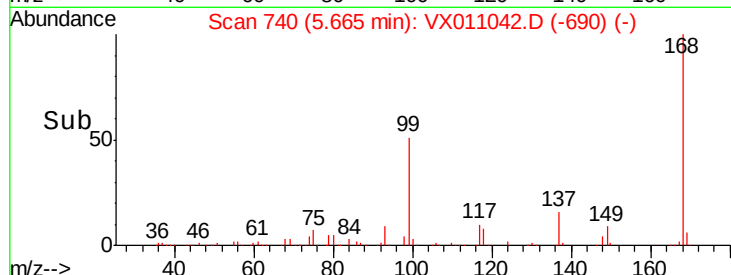
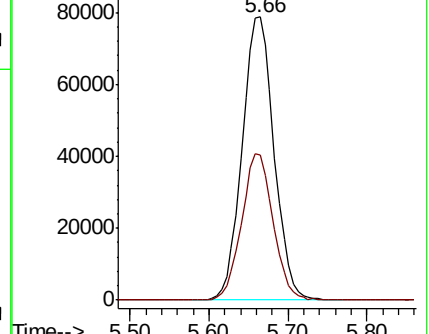
168 100

99 51.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.555 ug/l

RT: 1.21 min Scan# 9

Delta R.T. 0.01 min

Lab File: VX011042.D

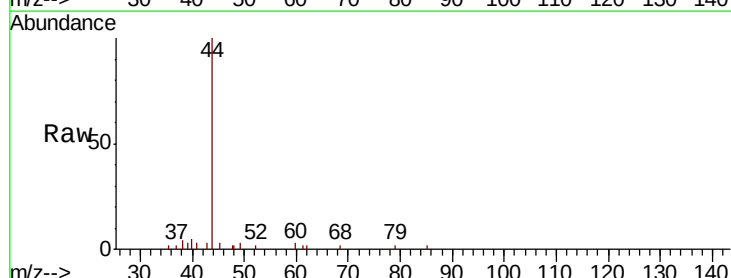
Acq: 22 Jul 2019 19:44

Tgt Ion: 85 Resp: 21

Ion Ratio Lower Upper

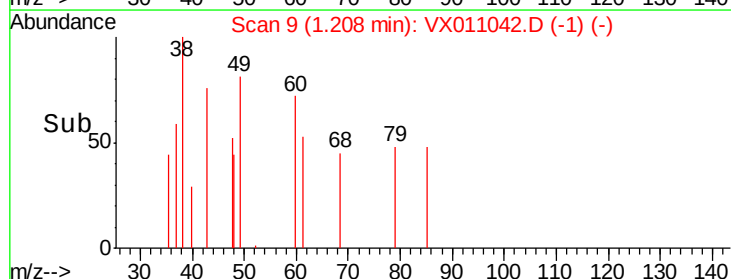
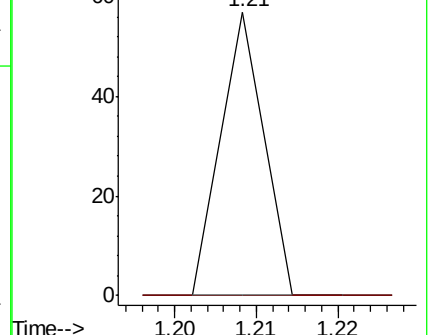
85 100

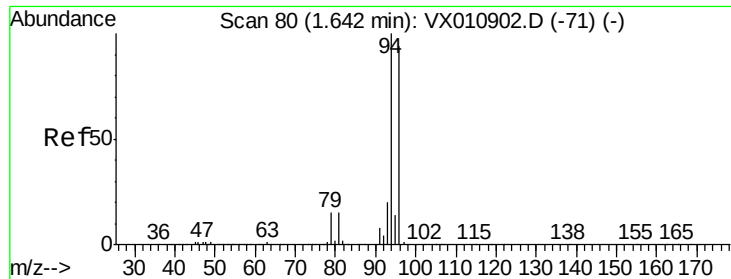
87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: 0.547 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

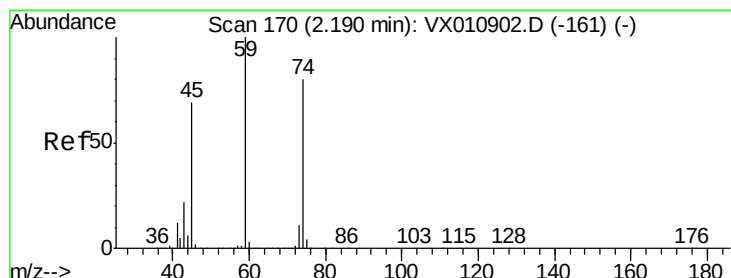
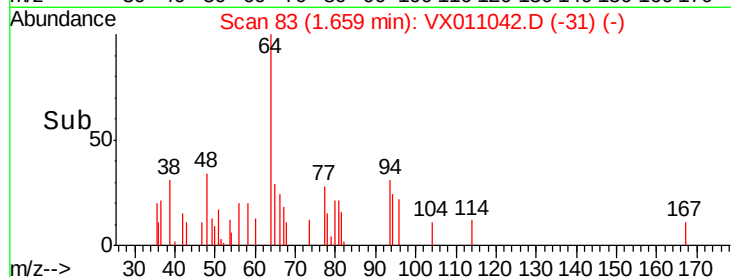
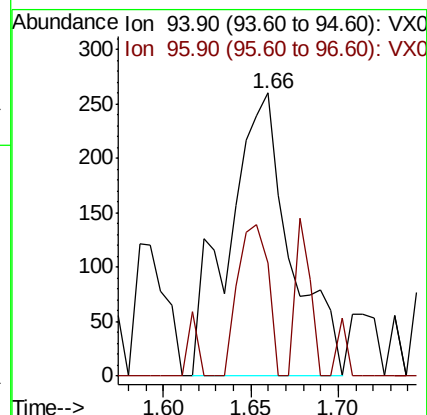
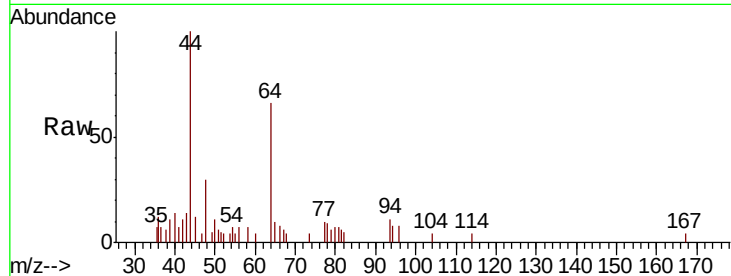
TP-3

Tot Ion: 94 Resp: 640

Ion Ratio Lower Upper

94 100

96 19.6 75.6 113.4#



#8

Diethyl Ether

Concen: 0.351 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX011042.D

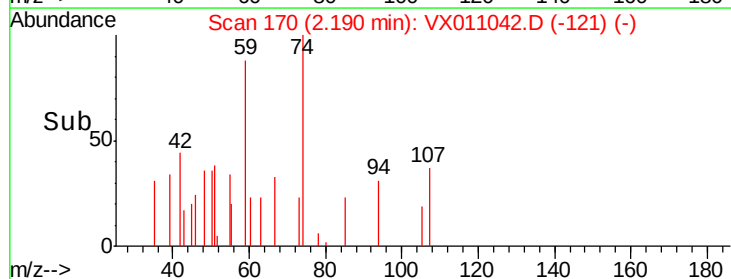
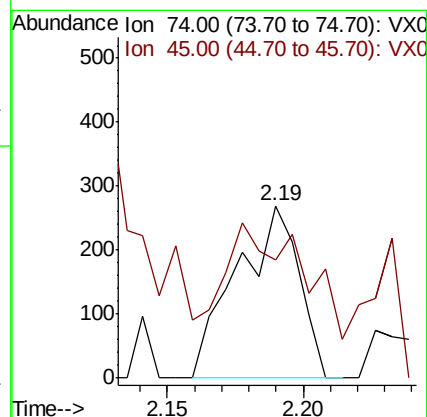
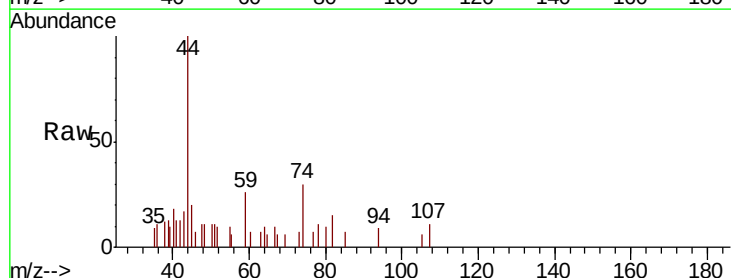
Acq: 22 Jul 2019 19:44

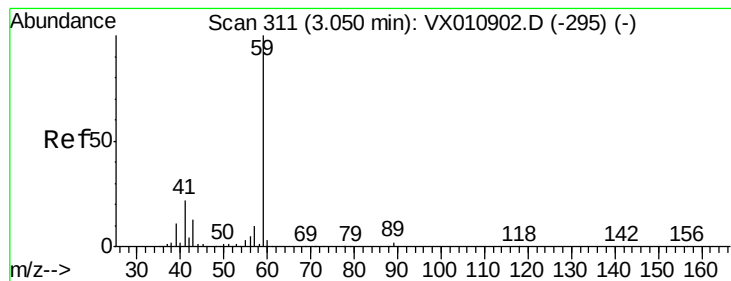
Tgt Ion: 74 Resp: 425

Ion Ratio Lower Upper

74 100

45 90.8 45.5 136.5



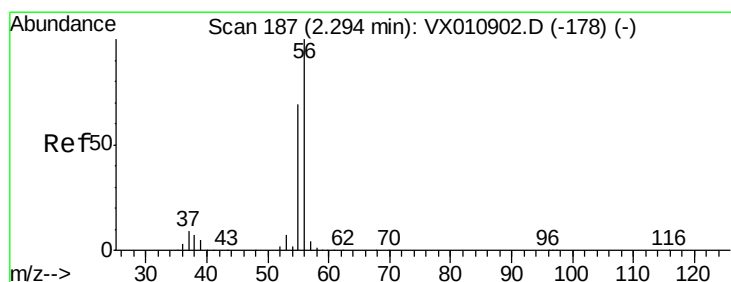
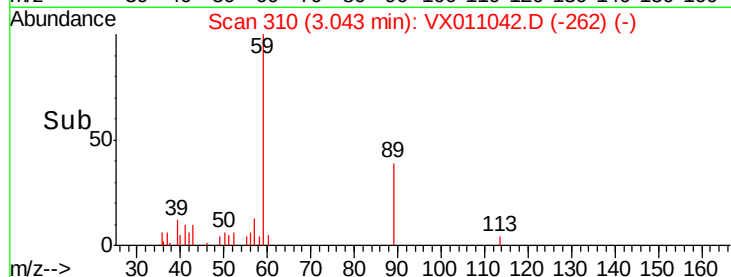
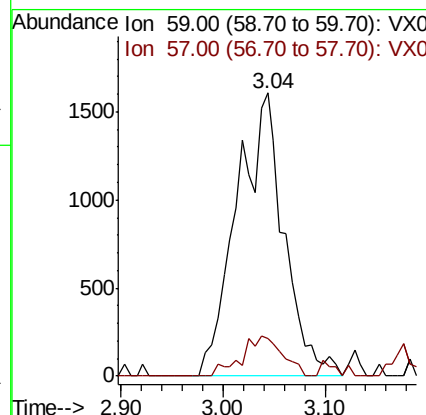
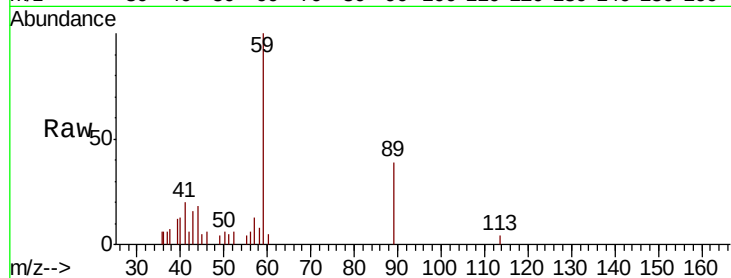


#11

Tert butyl alcohol
 Concen: 9.431 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX011042.D
 Acq: 22 Jul 2019 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

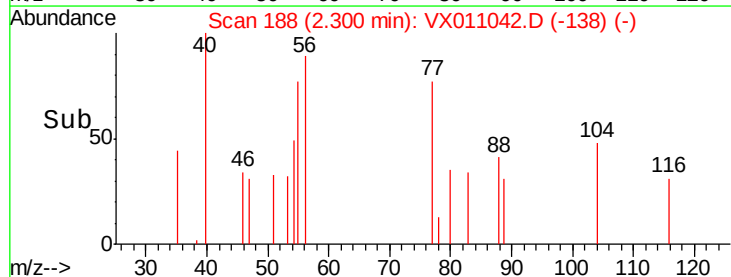
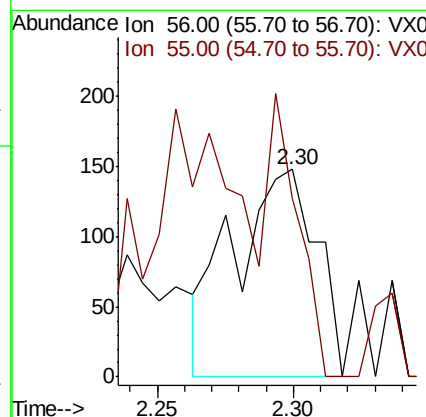
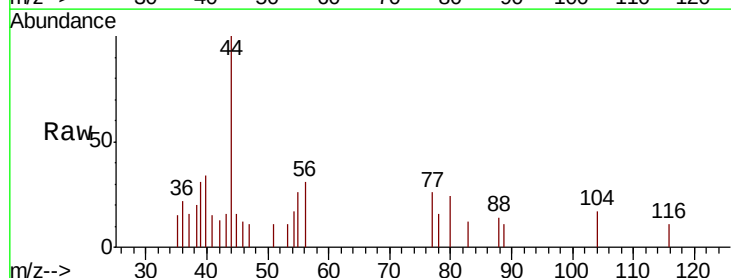
Tot Ion: 59 Resp: 5169
 Ion Ratio Lower Upper
 59 100
 57 12.3 7.9 11.9#

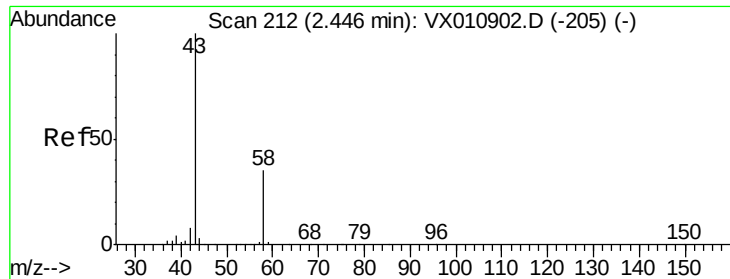


#13

Acrolein
 Concen: 0.988 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX011042.D
 Acq: 22 Jul 2019 19:44

Tgt Ion: 56 Resp: 313
 Ion Ratio Lower Upper
 56 100
 55 48.2 55.9 83.9#





#16

Acetone

Concen: 10.044 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

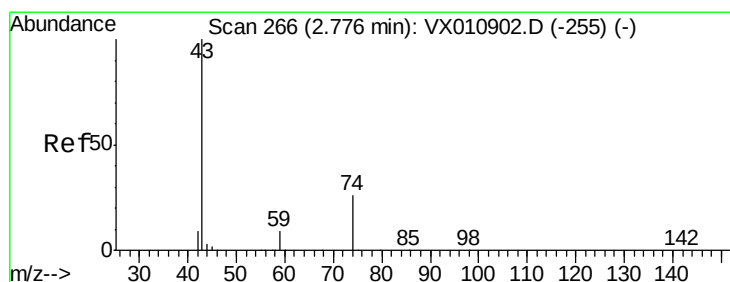
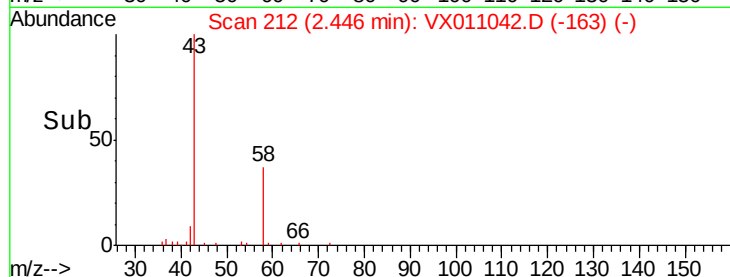
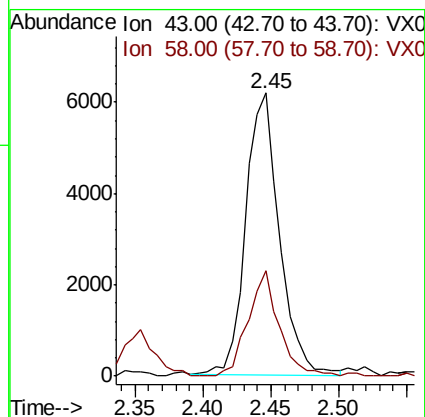
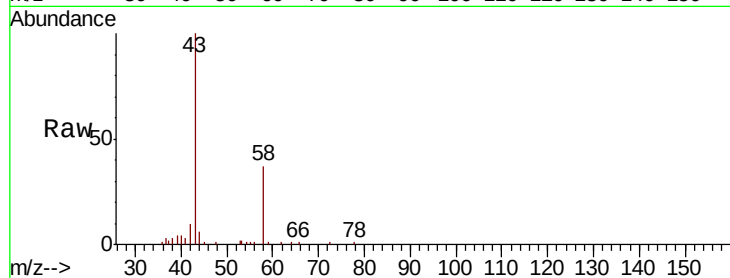
TP-3

Tot Ion: 43 Resp: 10676

Ion Ratio Lower Upper

43 100

58 37.6 27.7 41.5



#18

Methyl Acetate

Concen: 0.310 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX011042.D

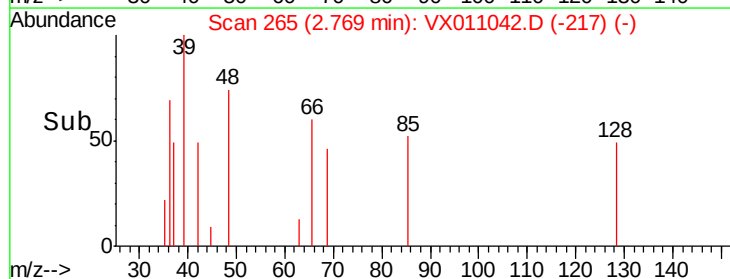
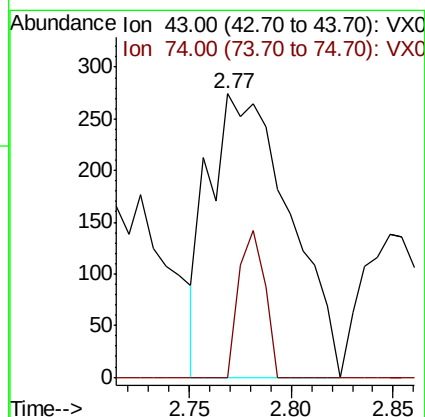
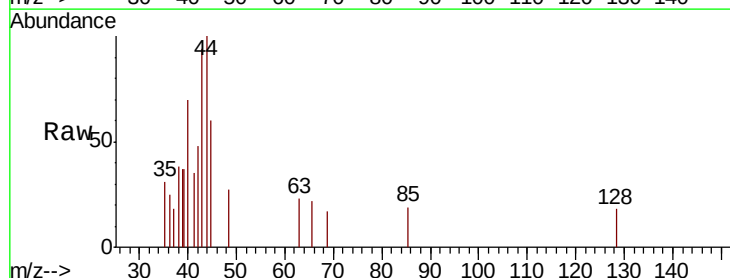
Acq: 22 Jul 2019 19:44

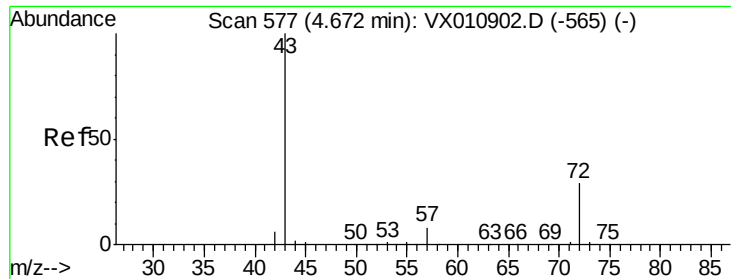
Tgt Ion: 43 Resp: 751

Ion Ratio Lower Upper

43 100

74 16.5 21.5 32.3#





#25

2-Butanone

Concen: 2.667 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

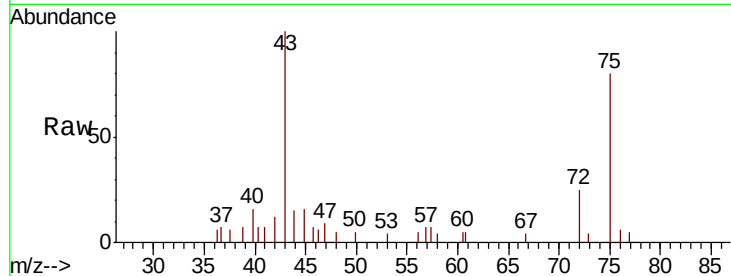
TP-3

Tot Ion: 43 Resp: 4069

Ion Ratio Lower Upper

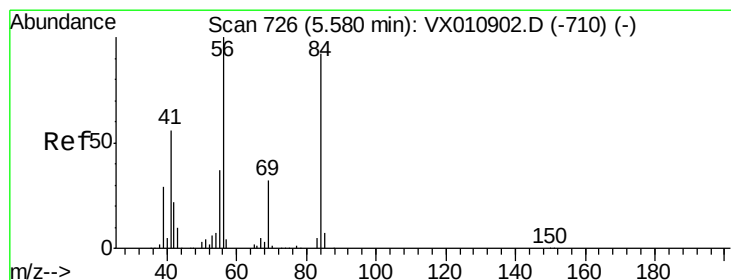
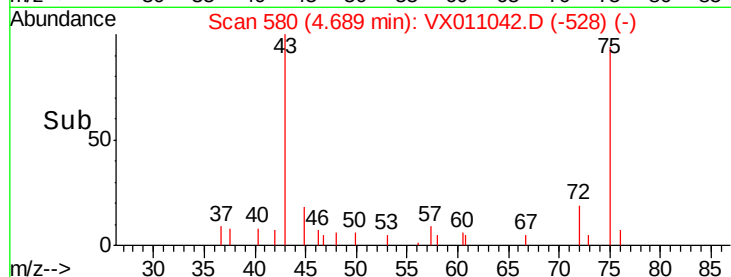
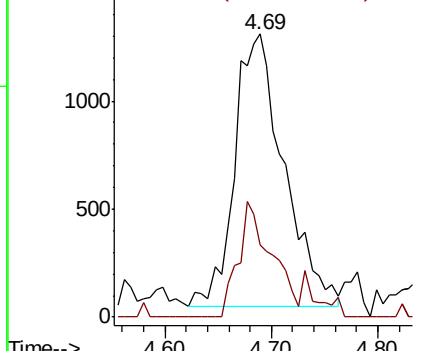
43 100

72 26.5 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 0.215 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

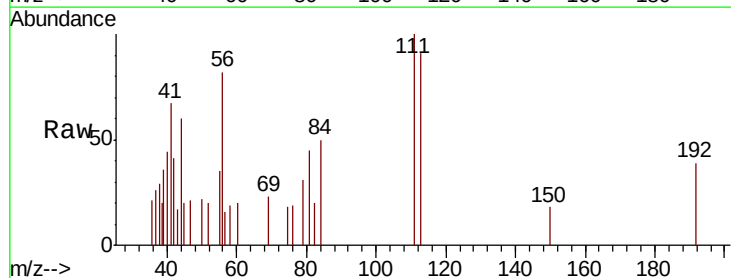
Tgt Ion: 56 Resp: 686

Ion Ratio Lower Upper

56 100

69 23.5 25.8 38.8#

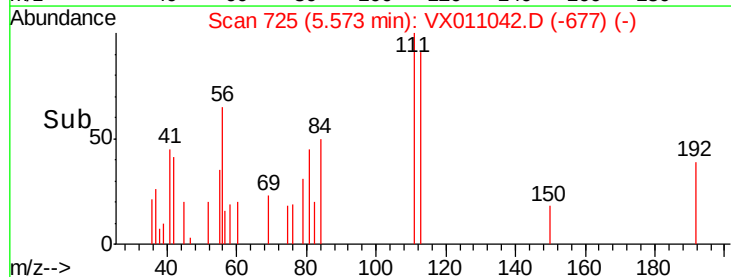
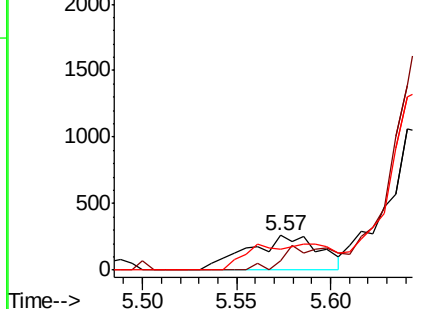
84 50.8 73.8 110.6#

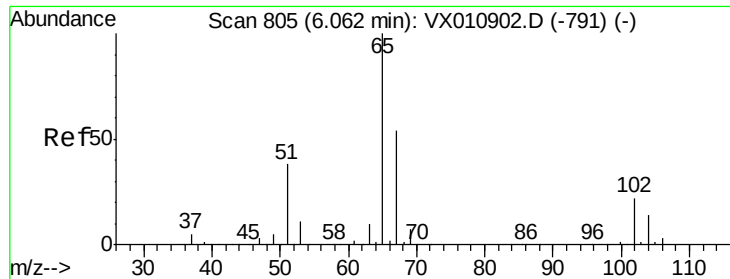


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

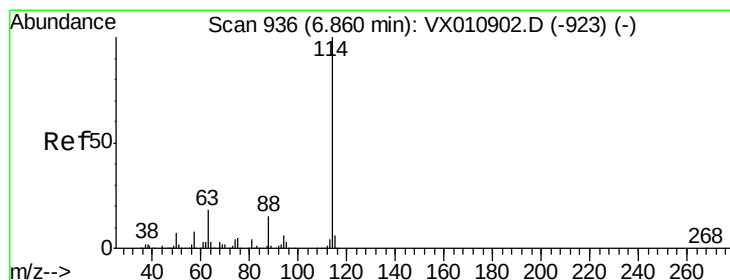
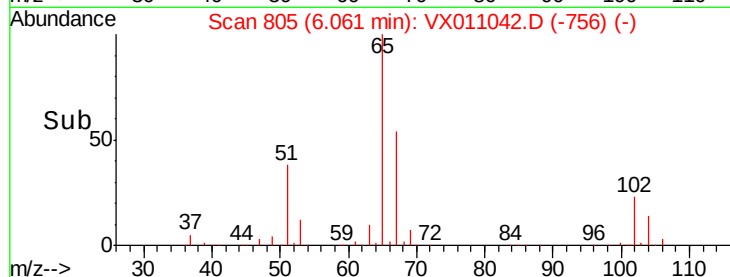
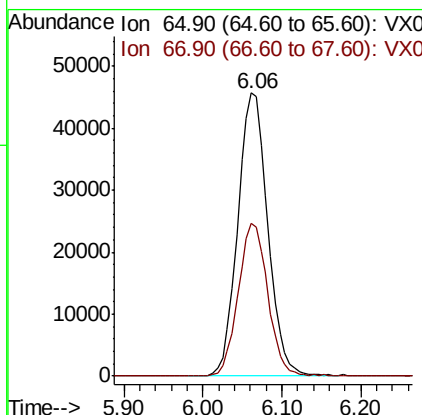
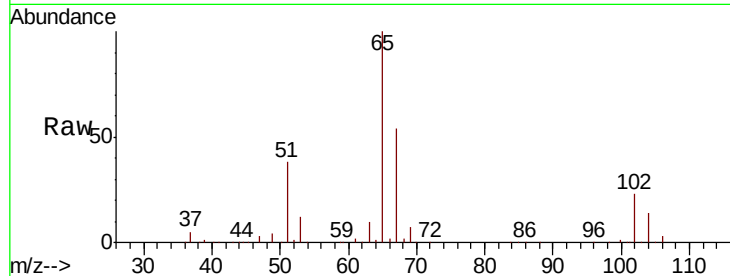




#33
 1,2-Dichloroethane-d4
 Concen: 51.366 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011042.D
 Acq: 22 Jul 2019 19:44

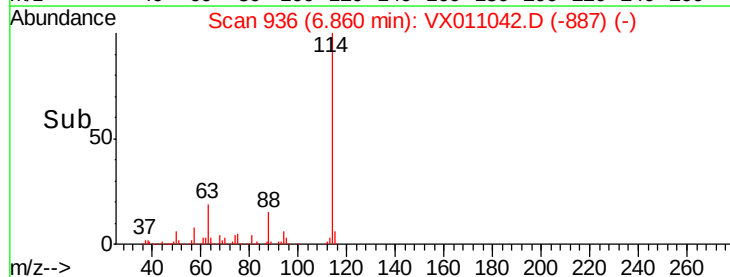
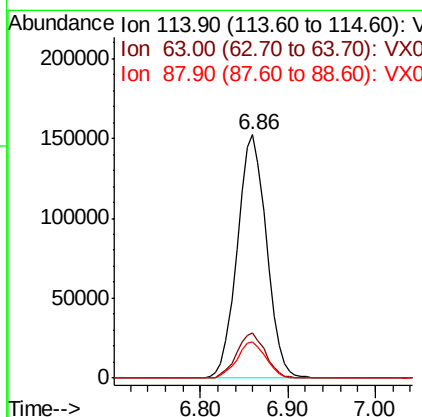
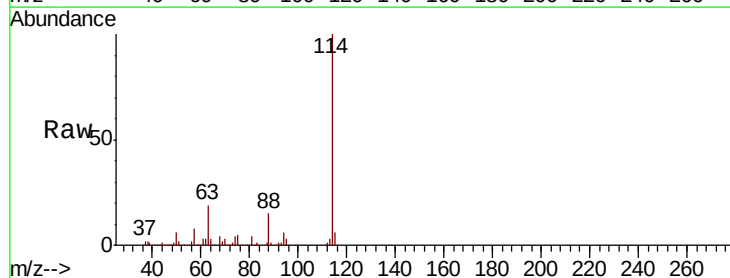
Instrument :
 MSVOA_X
 ClientSampled :
 TP-3

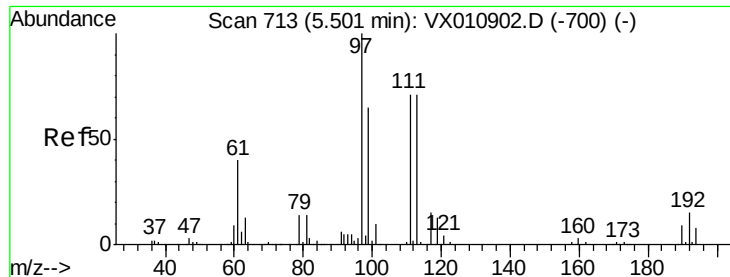
Tot Ion: 65 Resp: 120888
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011042.D
 Acq: 22 Jul 2019 19:44

Tgt Ion: 114 Resp: 353728
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.6
 88 15.0 0.0 29.8





#35

Dibromofluoromethane

Concen: 48.896 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

TP-3

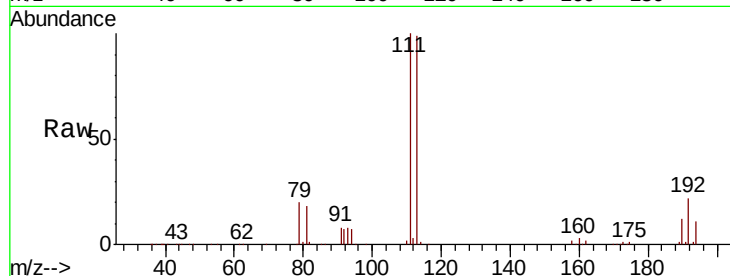
Tot Ion:113 Resp: 109780

Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

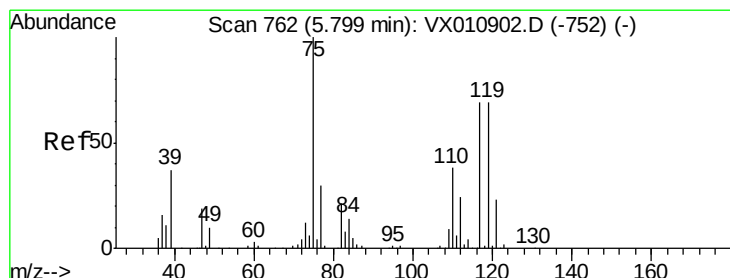
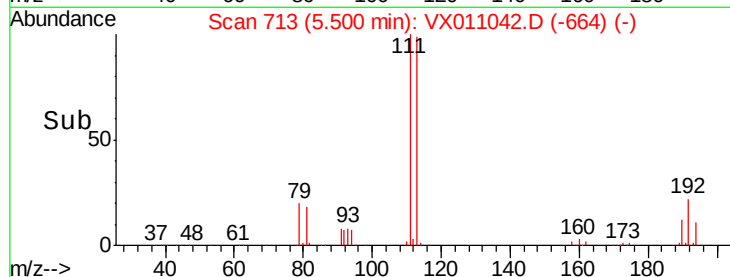
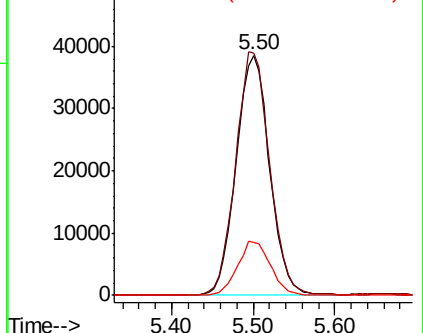
192 22.2 17.4 26.2



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: 5.134 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

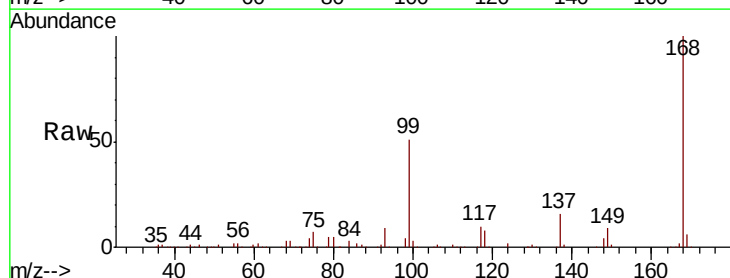
Tgt Ion: 75 Resp: 14918

Ion Ratio Lower Upper

75 100

110 10.6 19.9 59.7#

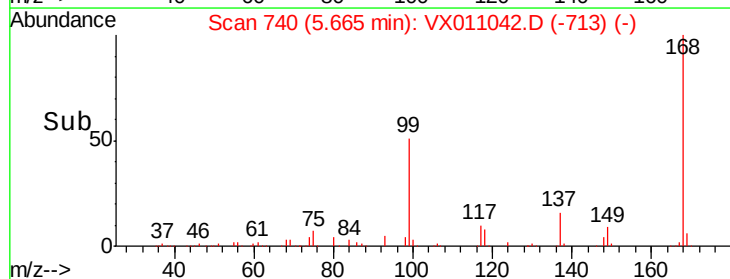
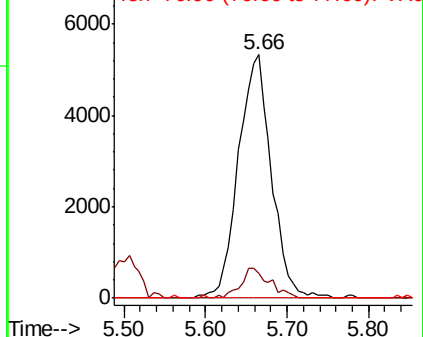
77 0.0 25.0 37.4#

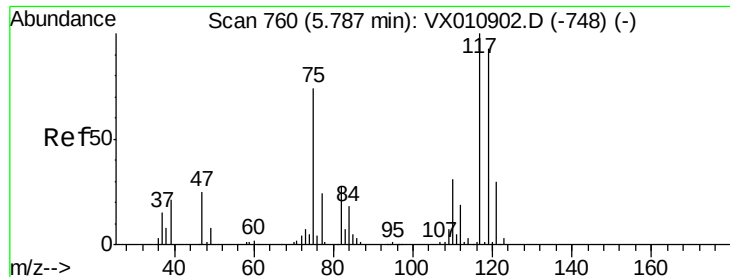


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.884 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

TP-3

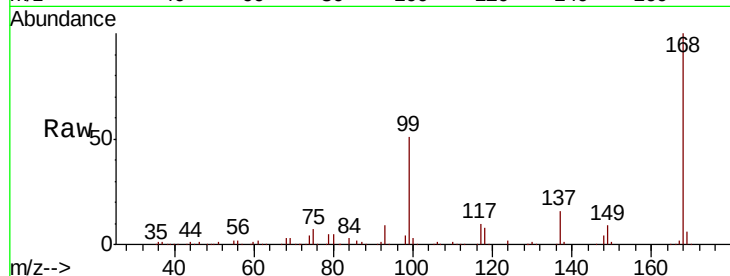
Tot Ion:117 Resp: 20844

Ion Ratio Lower Upper

117 100

119 5.2 74.2 111.2#

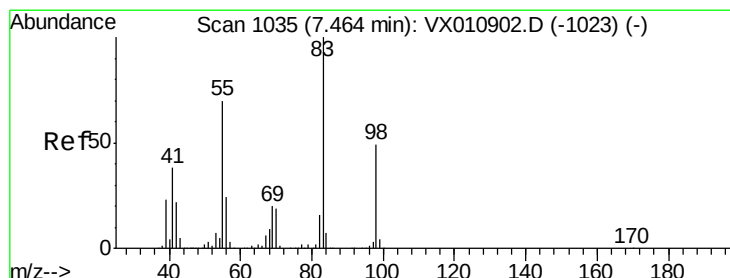
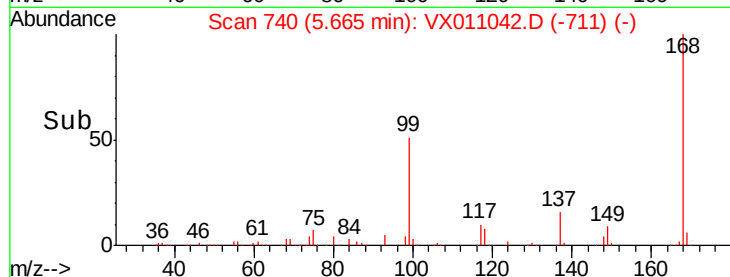
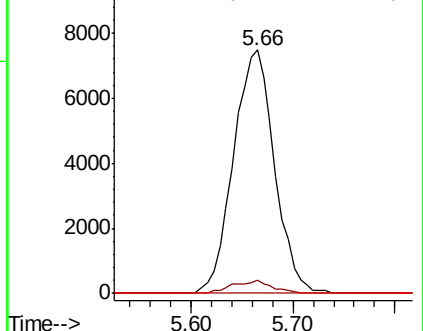
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.774 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

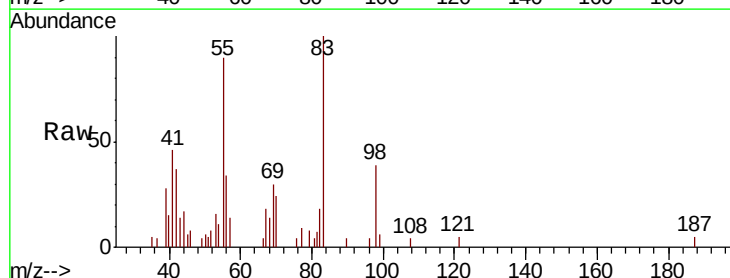
Tgt Ion: 83 Resp: 2917

Ion Ratio Lower Upper

83 100

55 85.9 56.2 84.4#

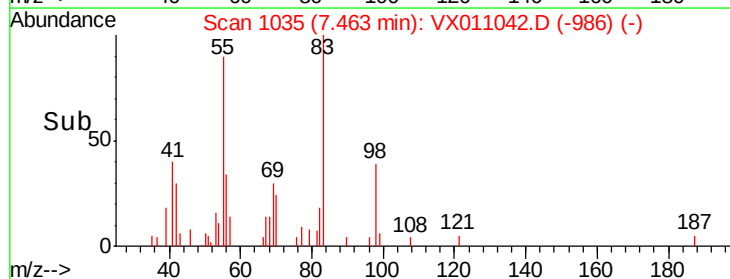
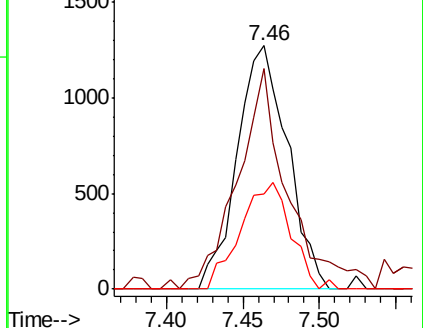
98 39.0 39.0 58.4

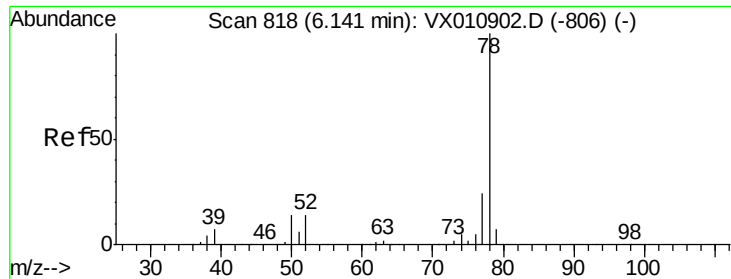


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.545 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

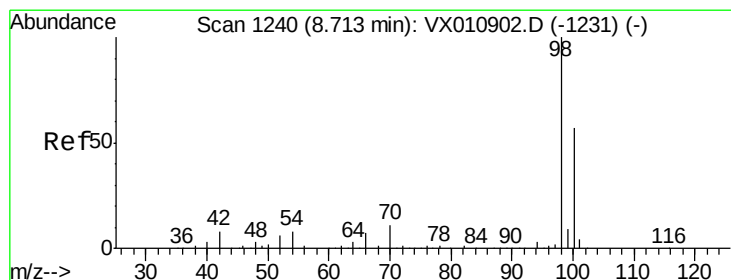
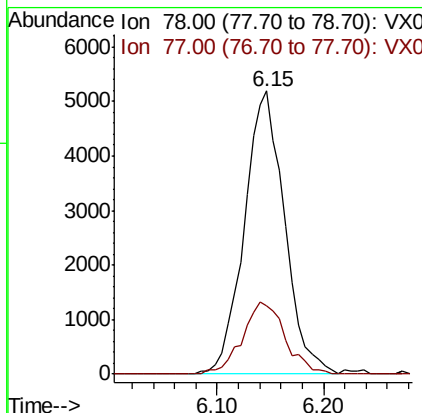
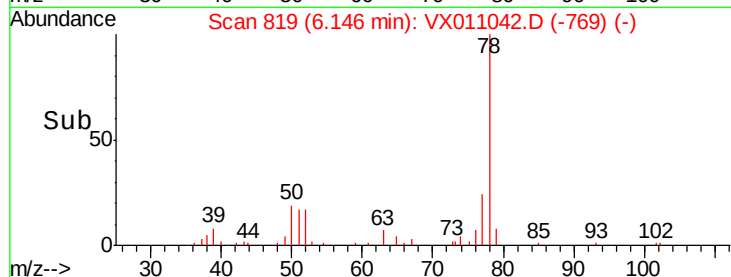
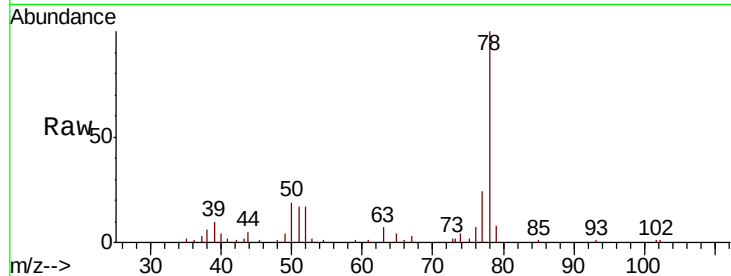
Instrument :
MSVOA_X
ClientSampleId :
TP-3

Tot Ion: 78 Resp: 13752

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6



#50

Toluene-d8

Concen: 50.291 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011042.D

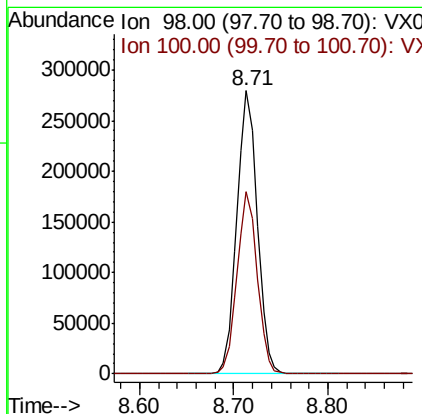
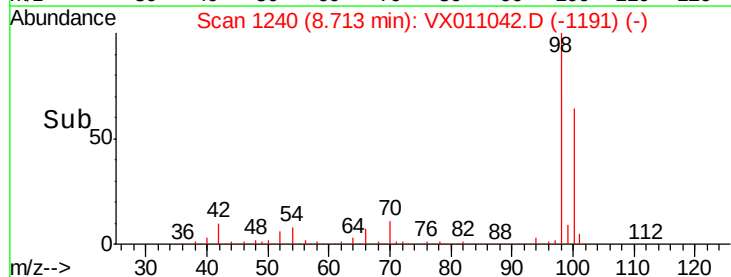
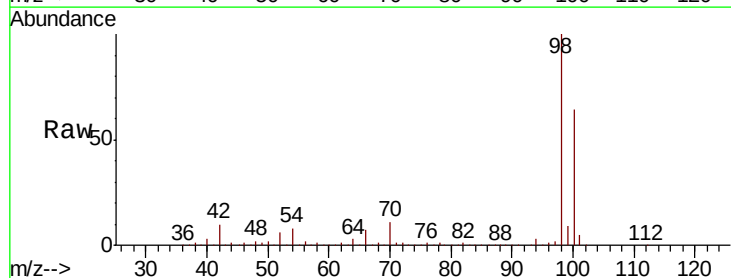
Acq: 22 Jul 2019 19:44

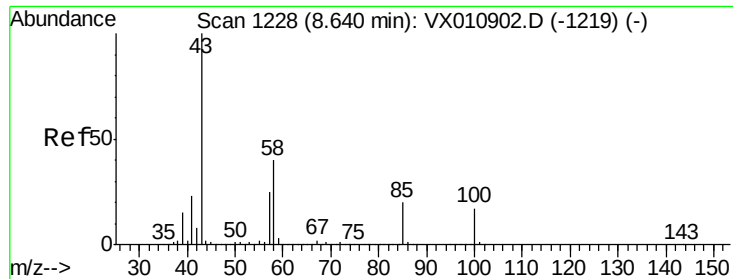
Tgt Ion: 98 Resp: 423497

Ion Ratio Lower Upper

98 100

100 63.5 50.6 75.8





#51

4-Methyl-2-Pentanone

Concen: 0.351 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

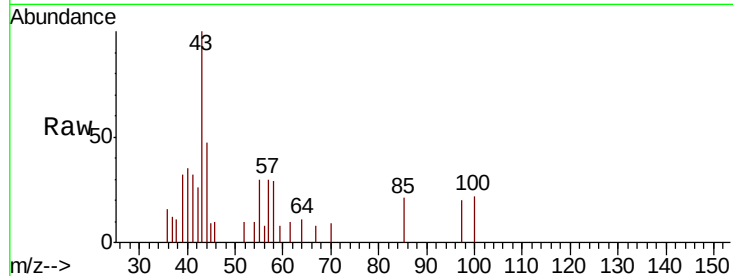
TP-3

Tot Ion: 43 Resp: 1114

Ion Ratio Lower Upper

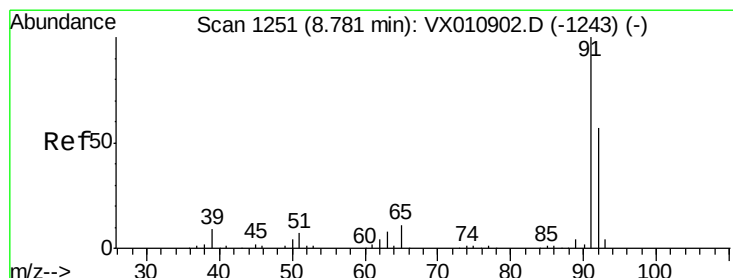
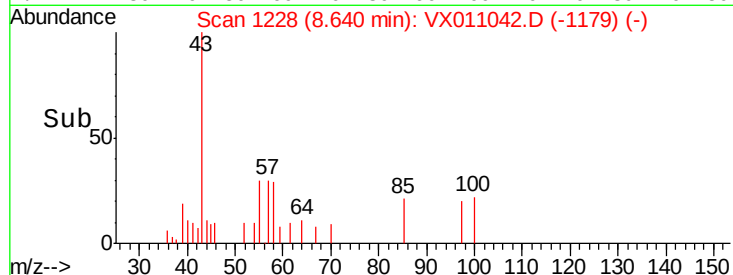
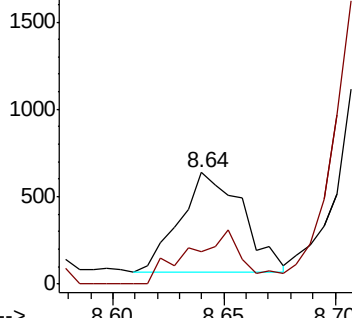
43 100

58 49.7 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 2.335 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011042.D

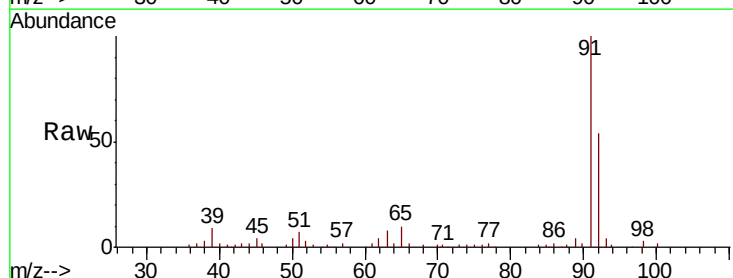
Acq: 22 Jul 2019 19:44

Tgt Ion: 92 Resp: 13650

Ion Ratio Lower Upper

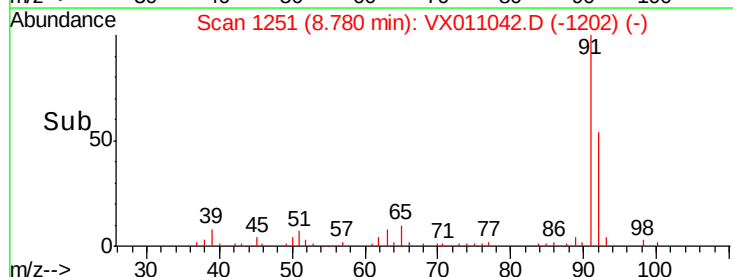
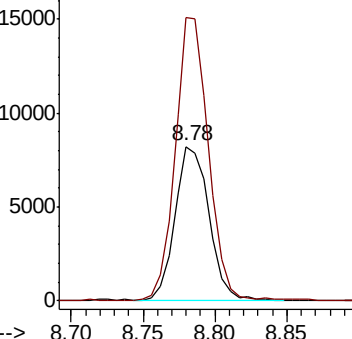
92 100

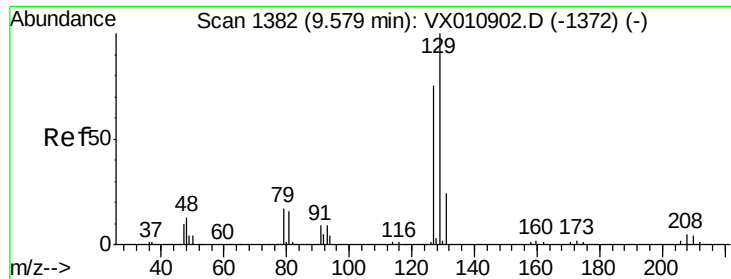
91 177.9 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#60

Dibromochloromethane

Concen: 2.544 ug/l

RT: 9.34 min Scan# 1343

Delta R.T. -0.24 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

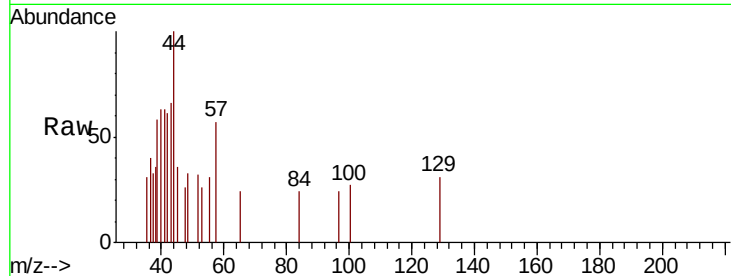
TP-3

Tot Ion:129 Resp: 47

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

60

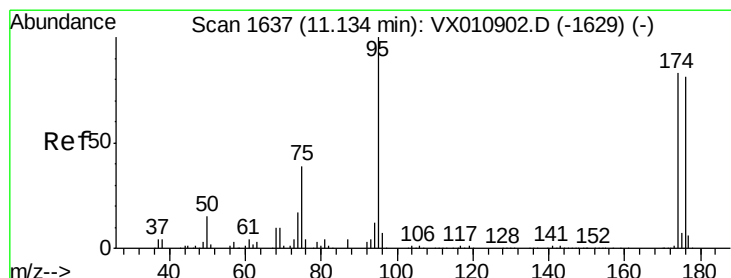
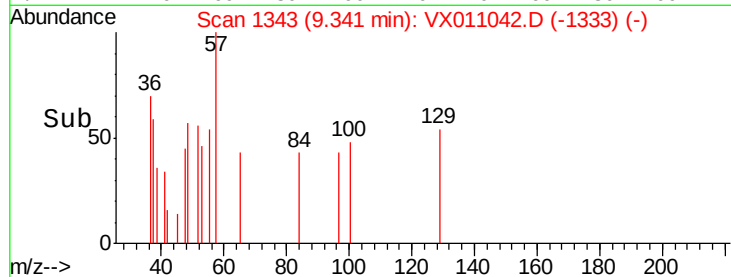
40

20

0

9.32 9.34 9.36

Time-->



#62

4-Bromofluorobenzene

Concen: 50.219 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

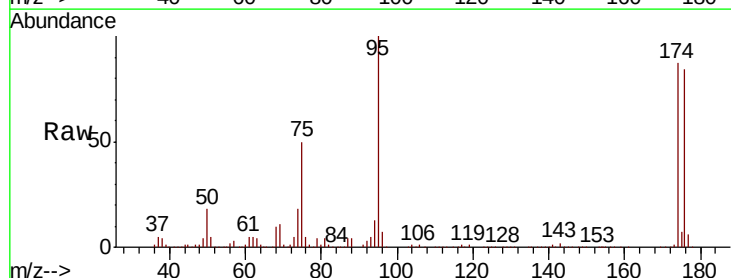
Tgt Ion: 95 Resp: 155441

Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.6

176 87.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

150000

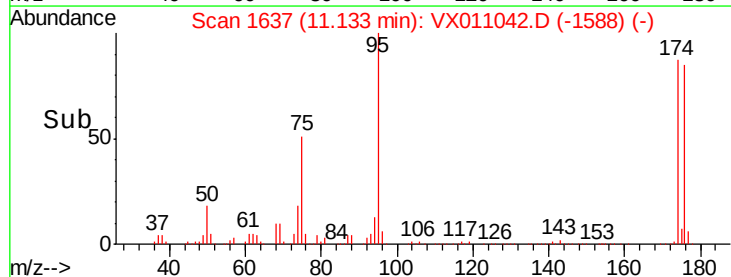
100000

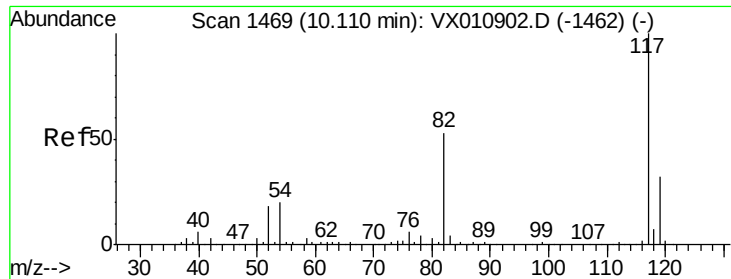
50000

0

11.10 11.20

Time-->

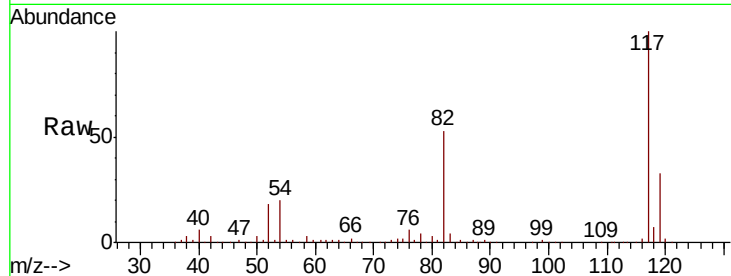




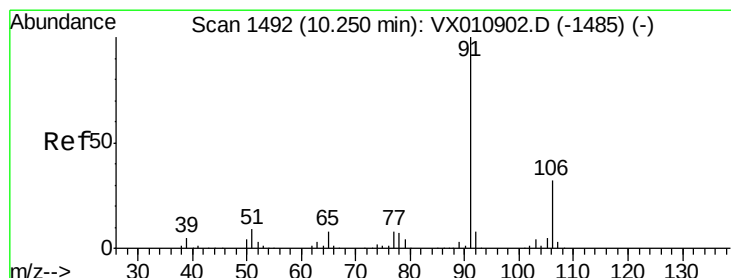
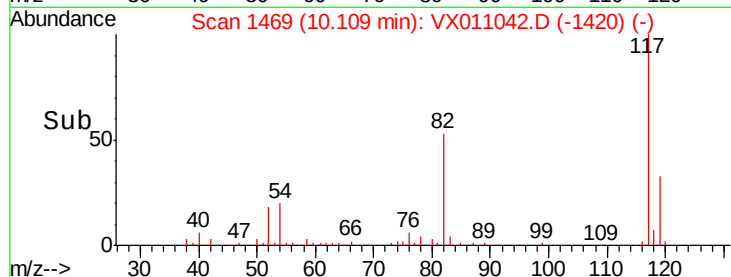
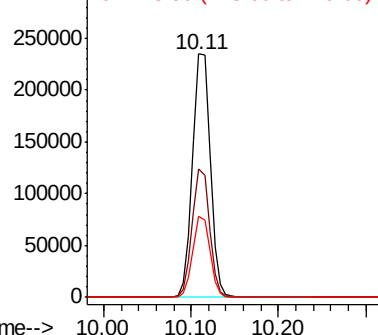
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011042.D
Acq: 22 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampled :
TP-3

Tot Ion:117 Resp: 329496
Ion Ratio Lower Upper
117 100
82 53.0 42.6 63.8
119 33.1 25.9 38.9

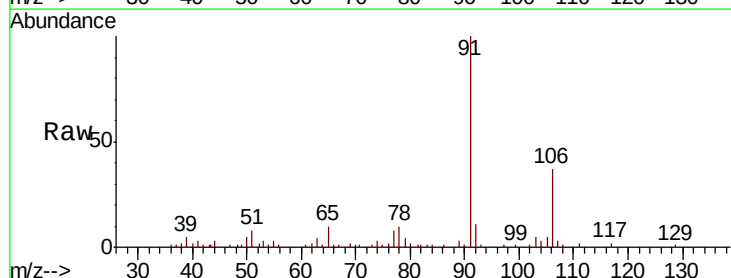


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

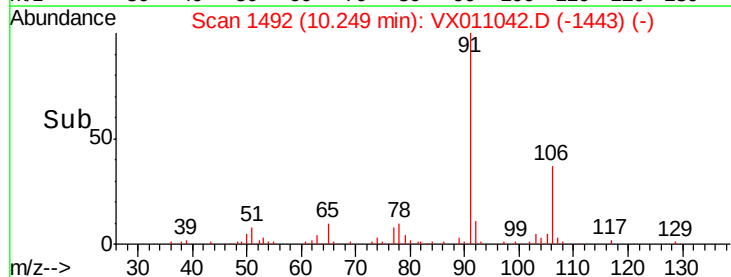
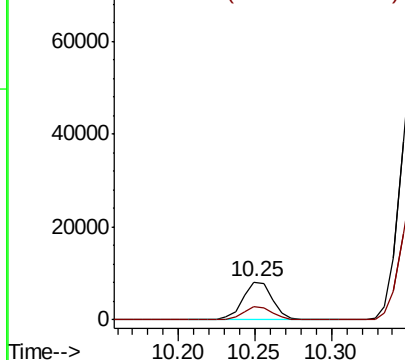


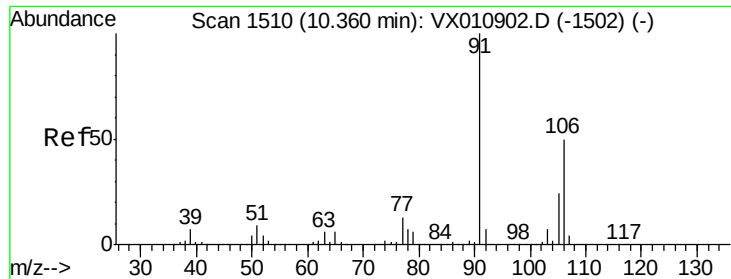
#67
Ethyl Benzene
Concen: 0.978 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011042.D
Acq: 22 Jul 2019 19:44

Tgt Ion: 91 Resp: 11265
Ion Ratio Lower Upper
91 100
106 36.7 25.4 38.2



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

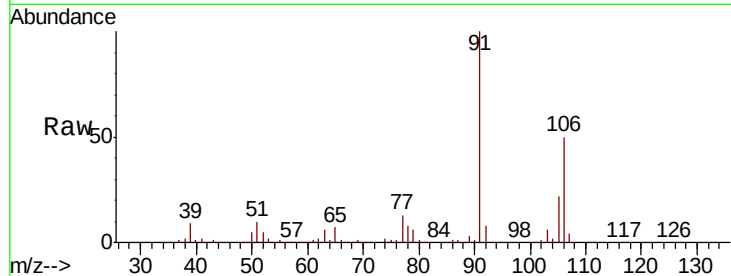




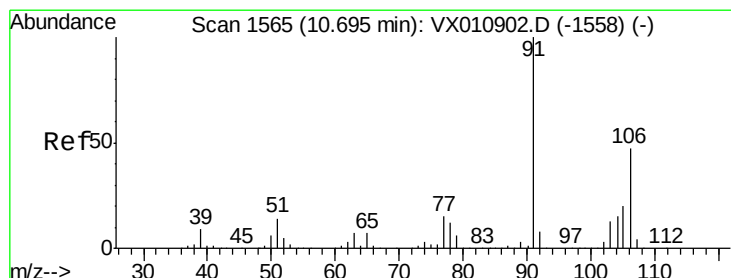
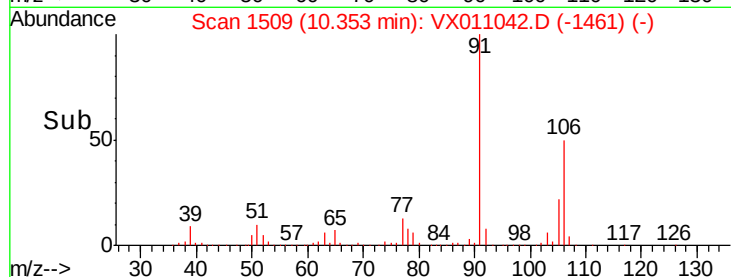
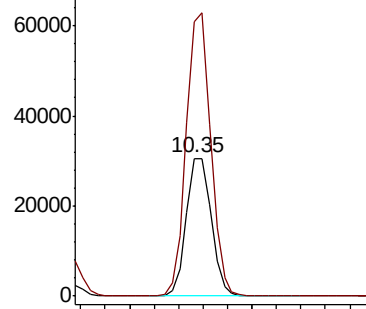
#68
m/p-Xylenes
Concen: 9.870 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011042.D
Acq: 22 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
TP-3

Tot Ion:106 Resp: 43613
Ion Ratio Lower Upper
106 100
91 200.6 160.1 240.1

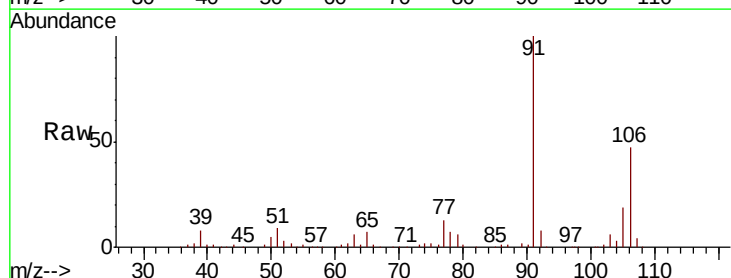


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

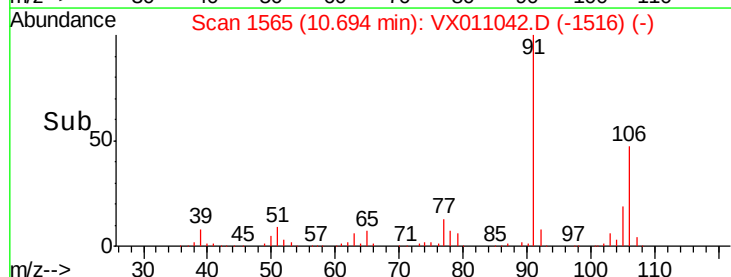
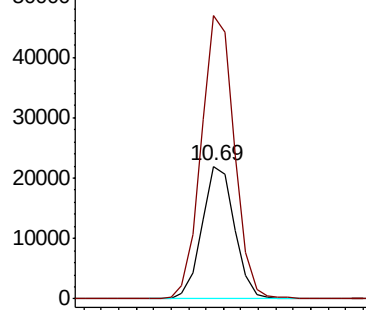


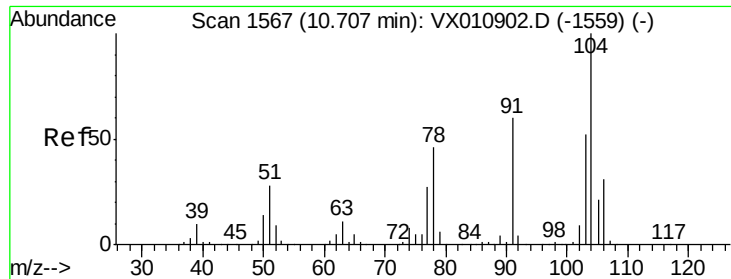
#69
o-Xylene
Concen: 6.559 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011042.D
Acq: 22 Jul 2019 19:44

Tgt Ion:106 Resp: 28283
Ion Ratio Lower Upper
106 100
91 217.8 105.1 315.3



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

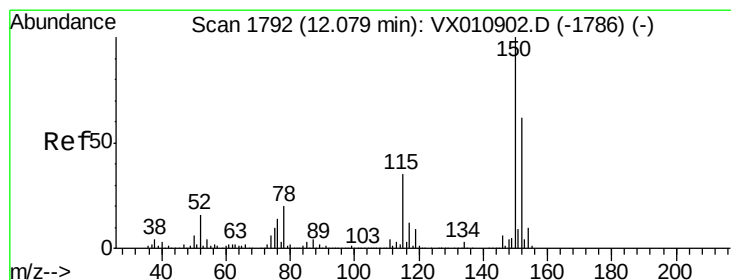
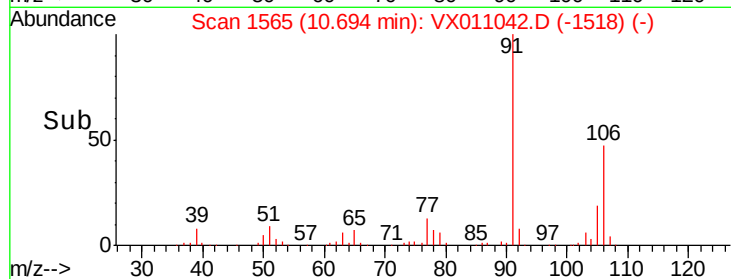
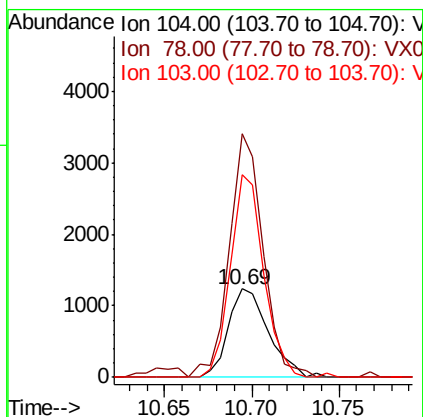
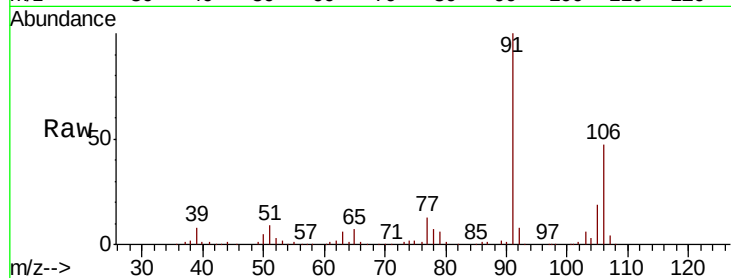




#70
Stvrene
Concen: 0.275 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX011042.D
Acq: 22 Jul 2019 19:44

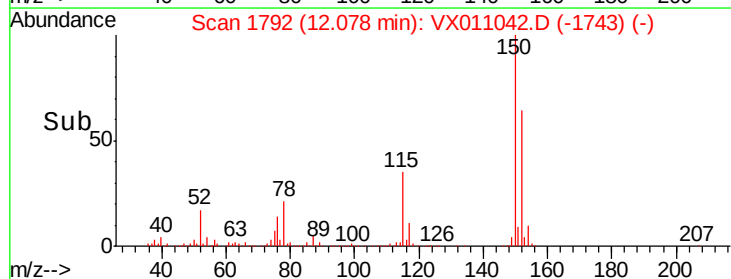
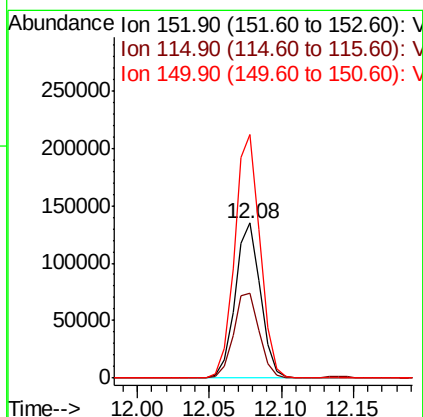
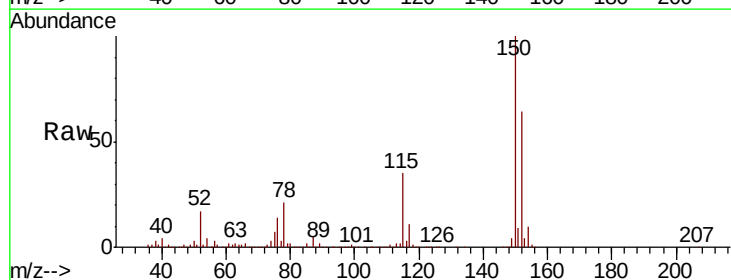
Instrument :
MSVOA_X
ClientSampleId :
TP-3

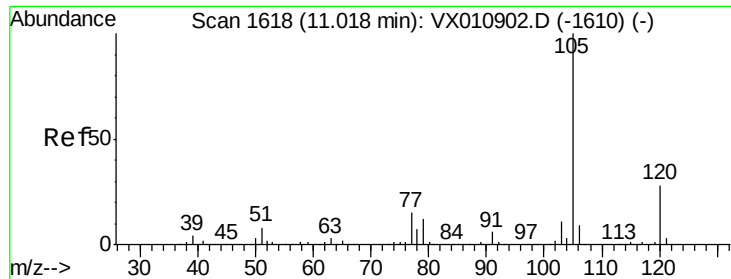
Tot Ion:104 Resp: 1975
Ion Ratio Lower Upper
104 100
78 231.5 38.8 58.2#
103 191.1 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011042.D
Acq: 22 Jul 2019 19:44

Tgt Ion:152 Resp: 164652
Ion Ratio Lower Upper
152 100
115 56.0 39.7 119.1
150 158.6 0.0 345.6





#73

Isopropylbenzene

Concen: 0.512 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

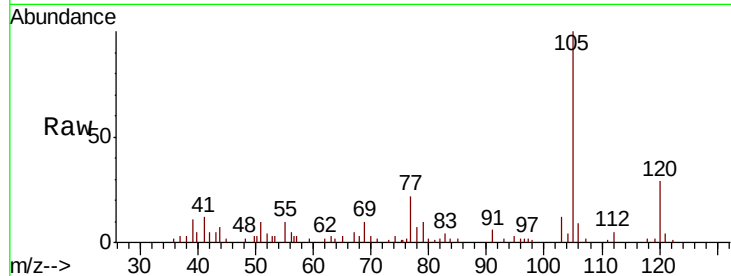
TP-3

Tot Ion:105 Resp: 5694

Ion Ratio Lower Upper

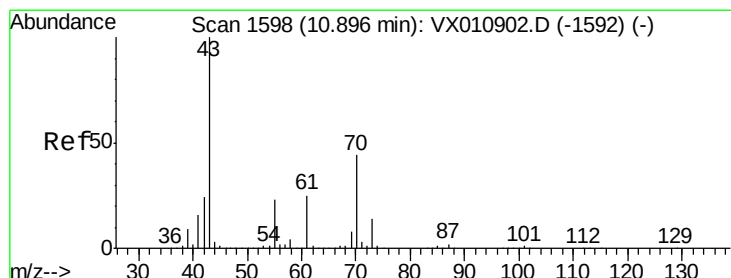
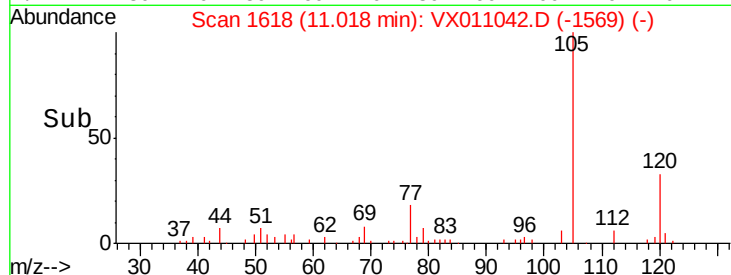
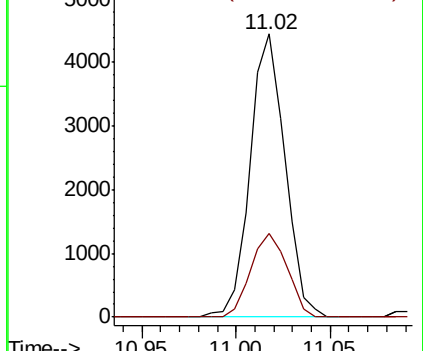
105 100

120 30.7 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.243 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

Tgt Ion: 43 Resp: 1035

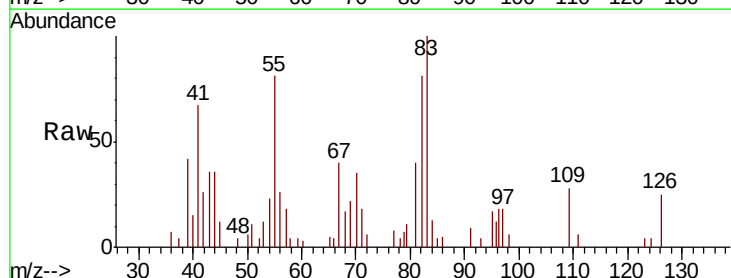
Ion Ratio Lower Upper

43 100

70 115.9 34.7 52.1#

55 206.6 19.1 28.7#

61 0.0 19.9 29.9#

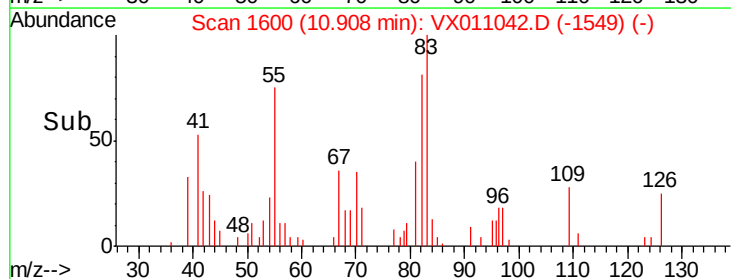
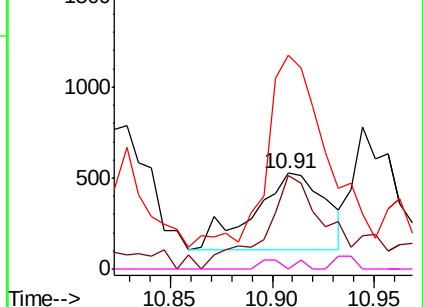


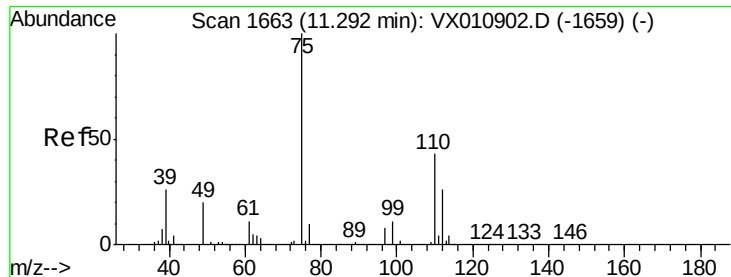
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 25.973 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

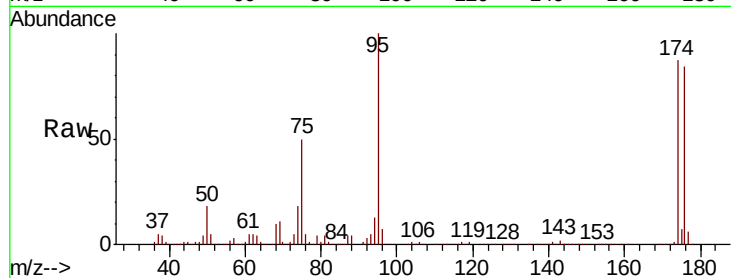
TP-3

Tot Ion: 75 Resp: 77173

Ion Ratio Lower Upper

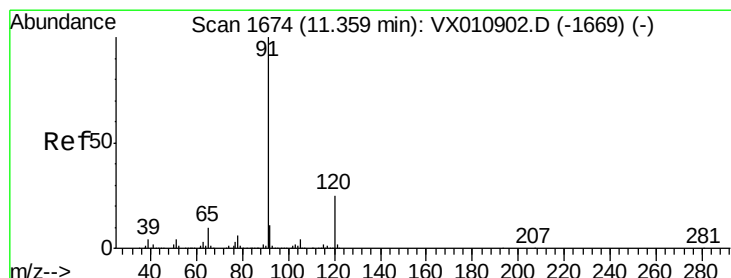
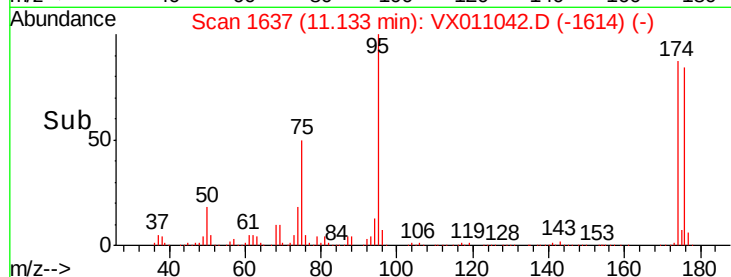
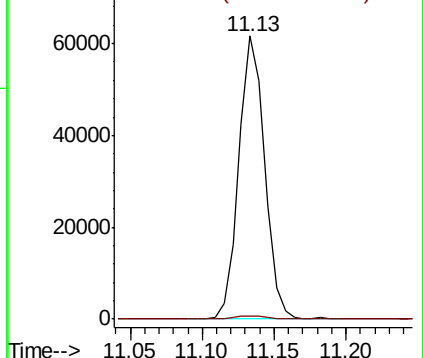
75 100

77 1.4 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 1.118 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011042.D

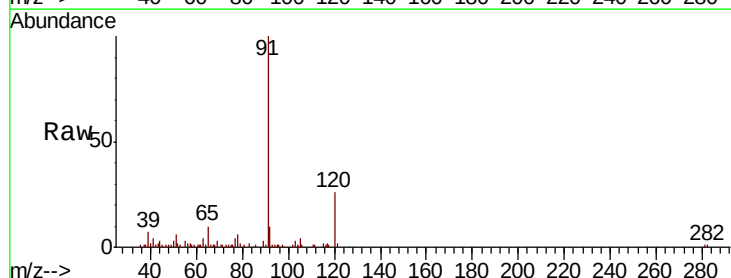
Acq: 22 Jul 2019 19:44

Tgt Ion: 91 Resp: 13748

Ion Ratio Lower Upper

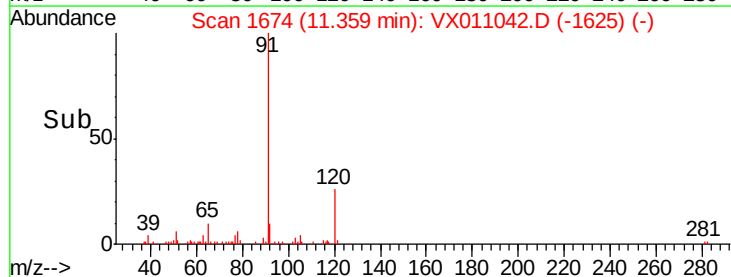
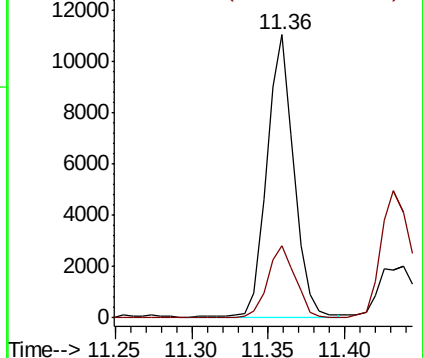
91 100

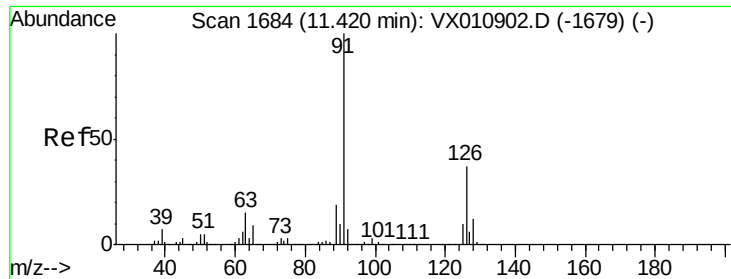
120 25.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.561 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

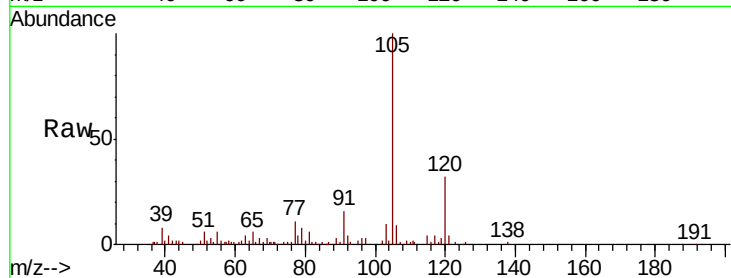
TP-3

Tot Ion: 91 Resp: 4144

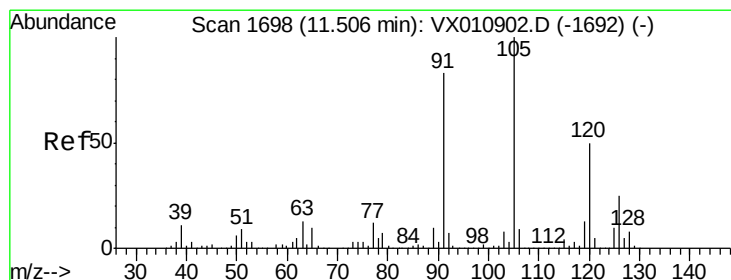
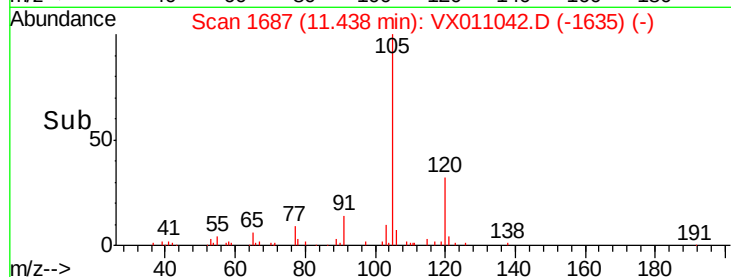
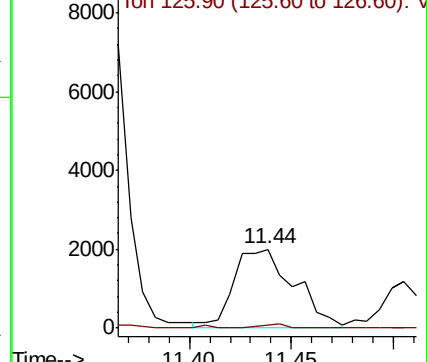
Ion Ratio Lower Upper

91 100

126 2.2 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VX011042.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.357 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011042.D

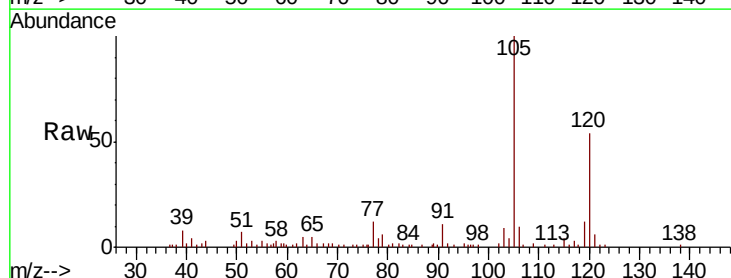
Acq: 22 Jul 2019 19:44

Tgt Ion: 105 Resp: 12614

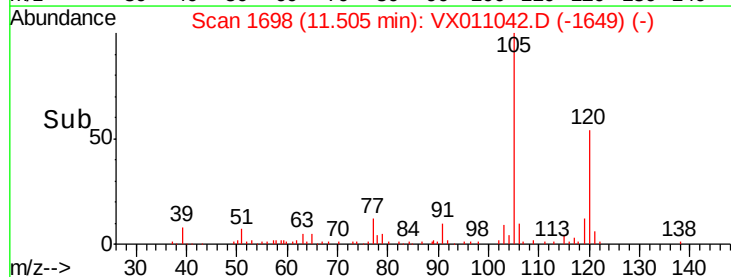
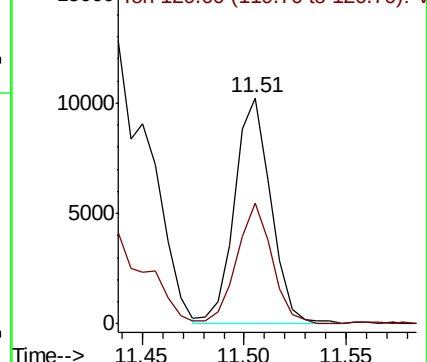
Ion Ratio Lower Upper

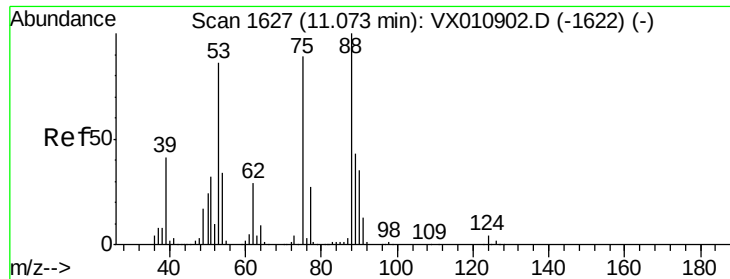
105 100

120 51.9 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX011042.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 64.547 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

TP-3

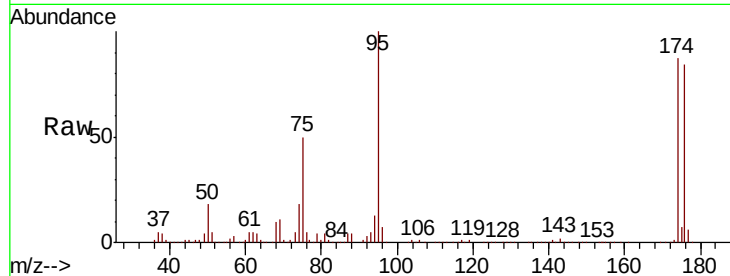
Tot Ion: 75 Resp: 77173

Ion Ratio Lower Upper

75 100

53 0.2 76.7 115.1#

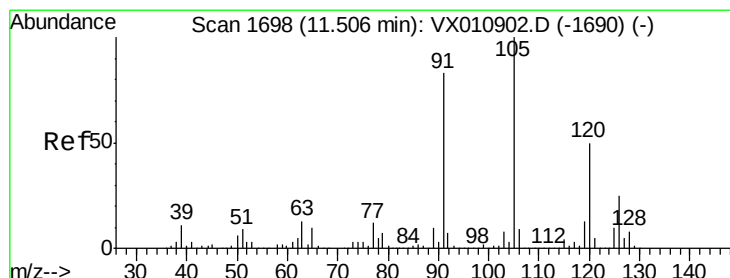
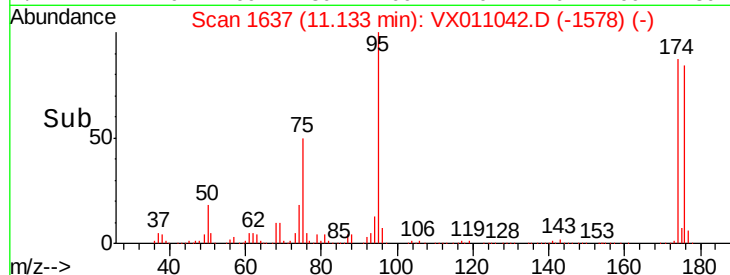
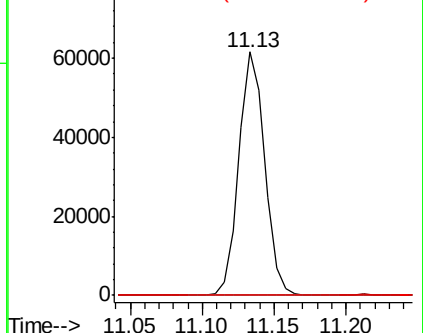
89 0.0 38.5 57.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.204 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011042.D

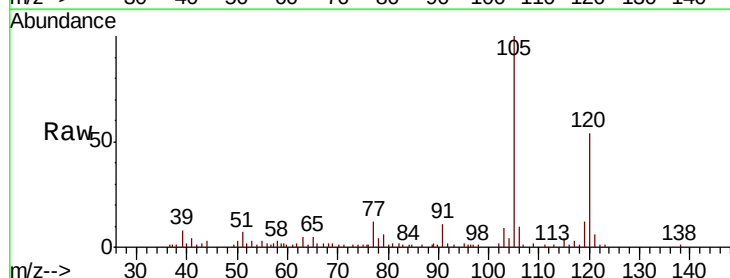
Acq: 22 Jul 2019 19:44

Tgt Ion: 91 Resp: 1756

Ion Ratio Lower Upper

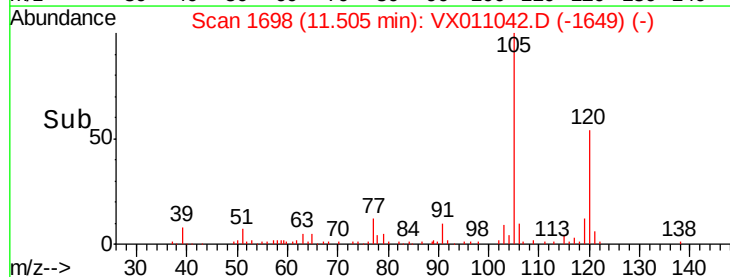
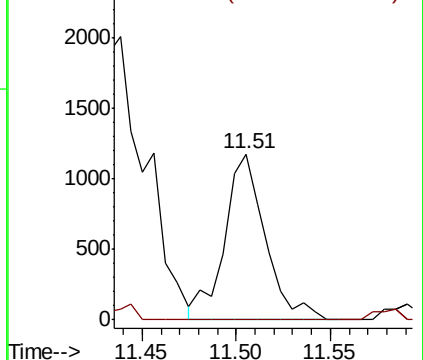
91 100

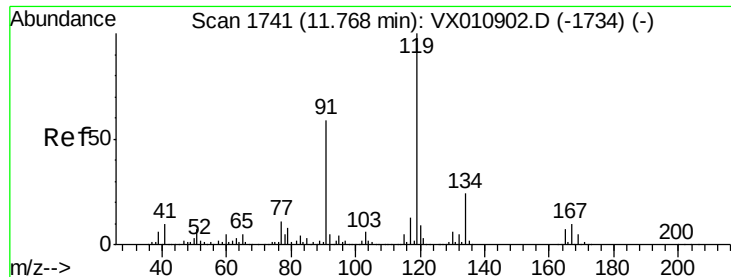
126 0.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

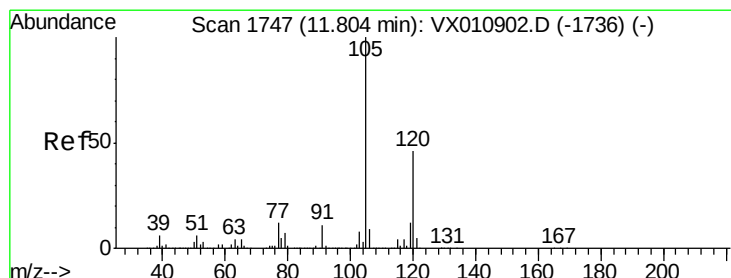
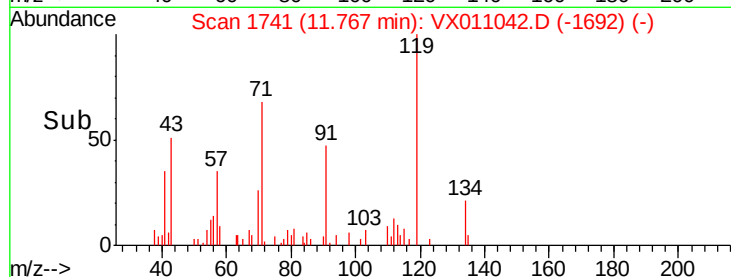
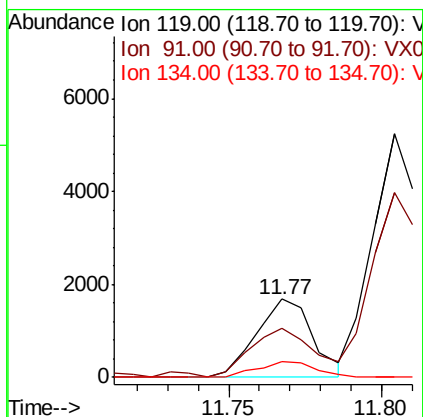
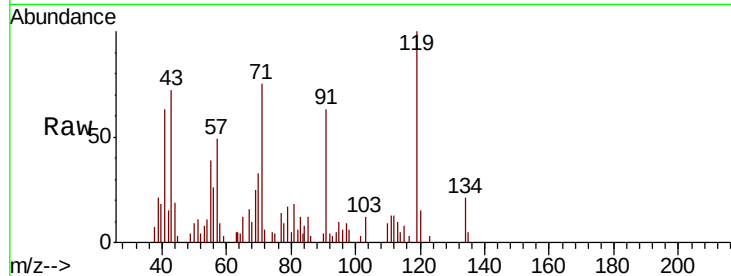




#83
tert-Butylbenzene
Concen: 0.237 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011042.D
Acq: 22 Jul 2019 19:44

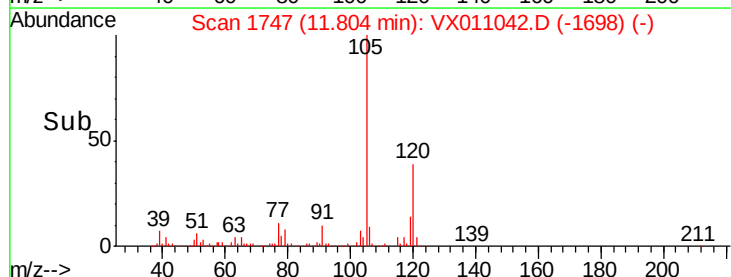
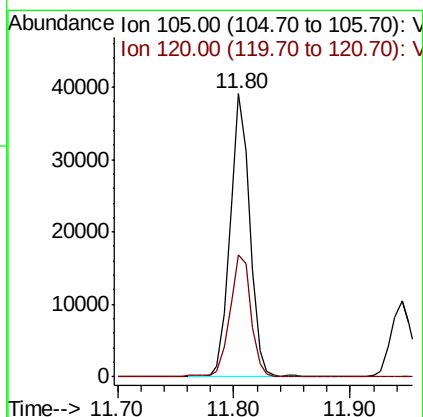
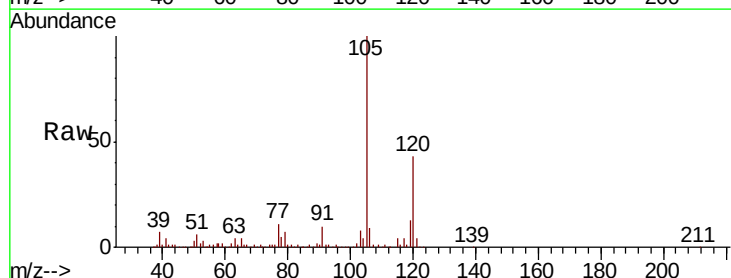
Instrument :
MSVOA_X
ClientSampled :
TP-3

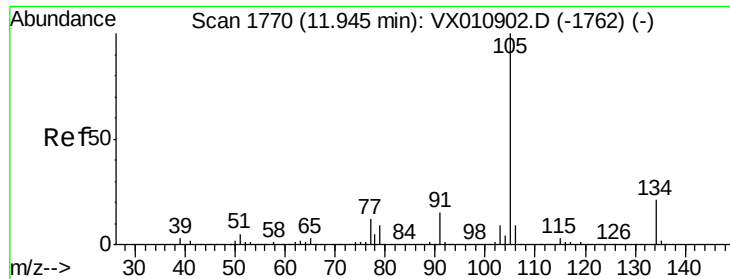
Tot Ion:119 Resp: 2160
Ion Ratio Lower Upper
119 100
91 70.6 28.6 85.8
134 20.5 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 4.906 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011042.D
Acq: 22 Jul 2019 19:44

Tgt Ion:105 Resp: 45973
Ion Ratio Lower Upper
105 100
120 46.3 22.9 68.5





#85

sec-Butylbenzene

Concen: 1.204 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

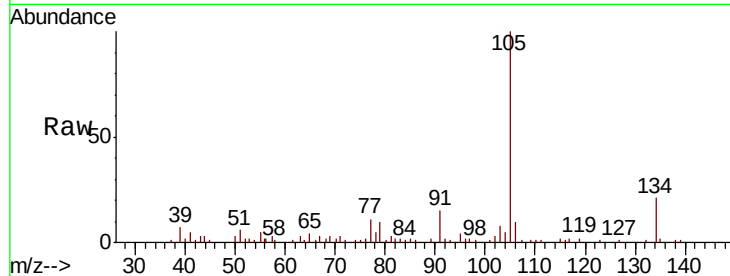
TP-3

Tot Ion:105 Resp: 12883

Ion Ratio Lower Upper

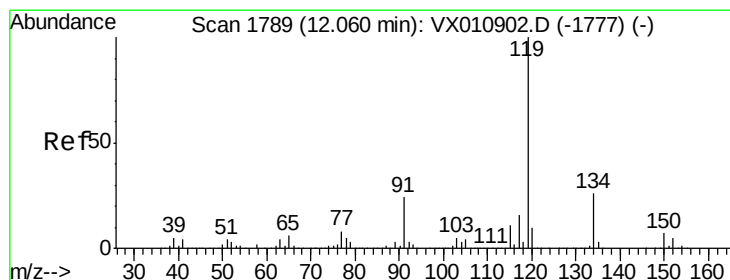
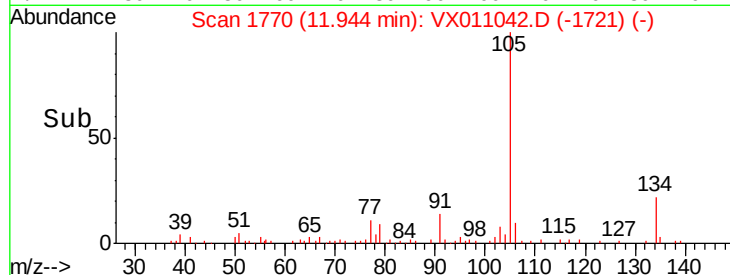
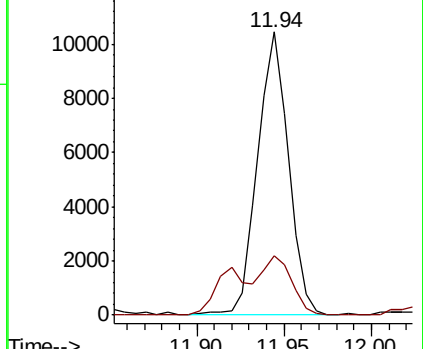
105 100

134 19.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.607 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX011042.D

Acq: 22 Jul 2019 19:44

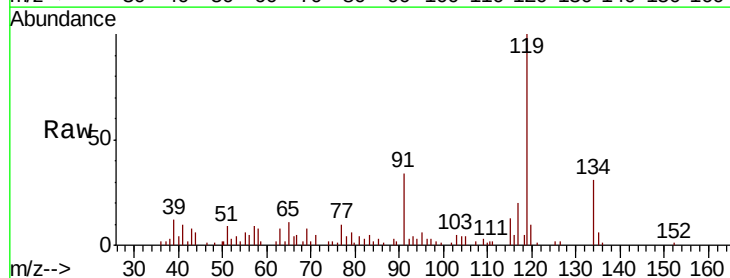
Tgt Ion:119 Resp: 6007

Ion Ratio Lower Upper

119 100

134 28.8 13.4 40.1

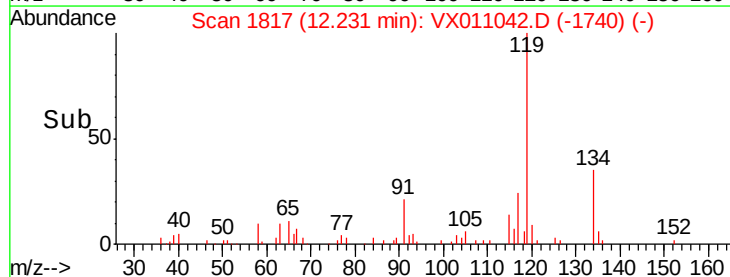
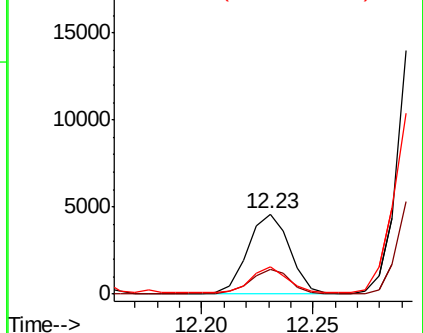
91 27.6 11.8 35.4

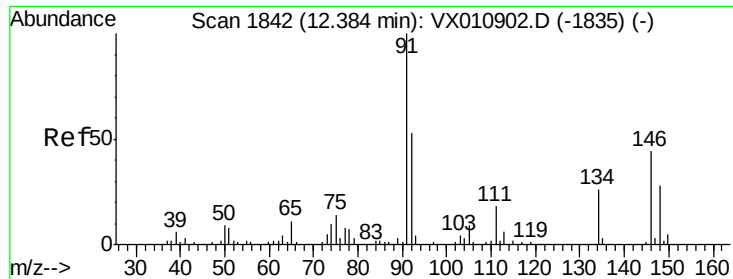


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

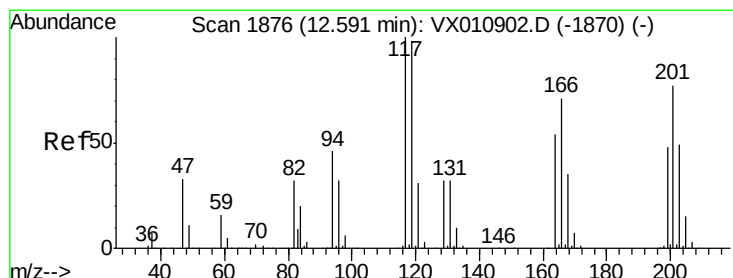
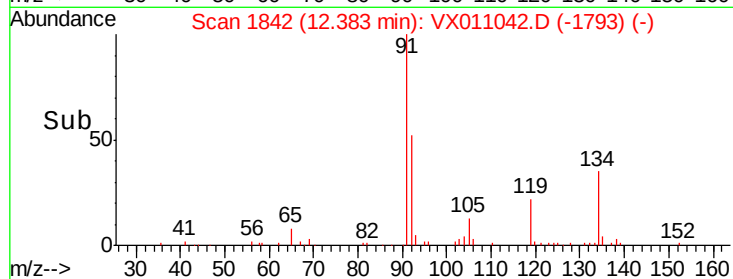
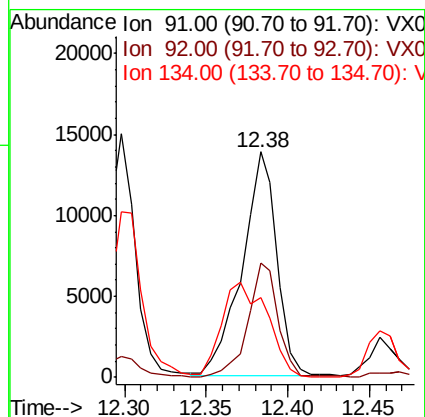
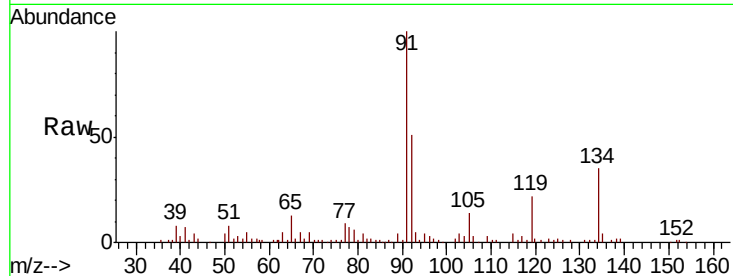




#89
n-Butylbenzene
Concen: 2.458 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011042.D
Acq: 22 Jul 2019 19:44

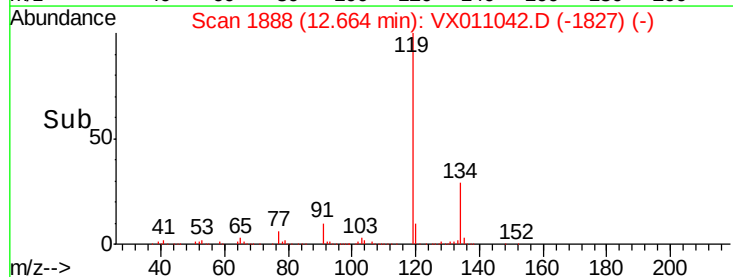
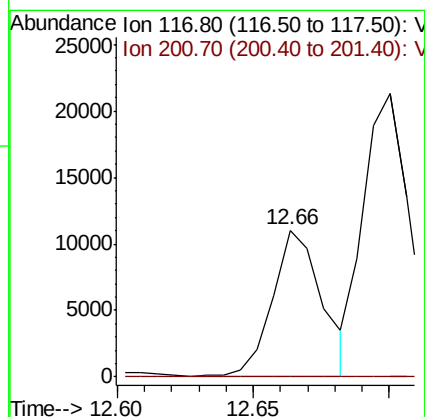
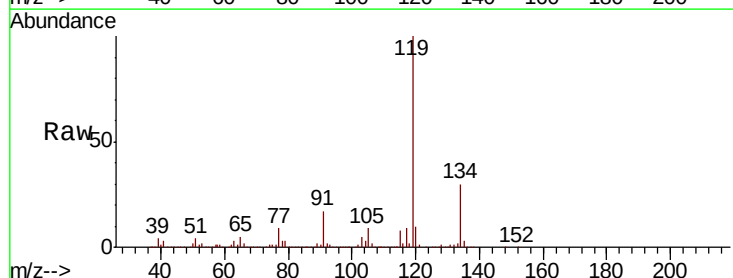
Instrument :
MSVOA_X
ClientSampled :
TP-3

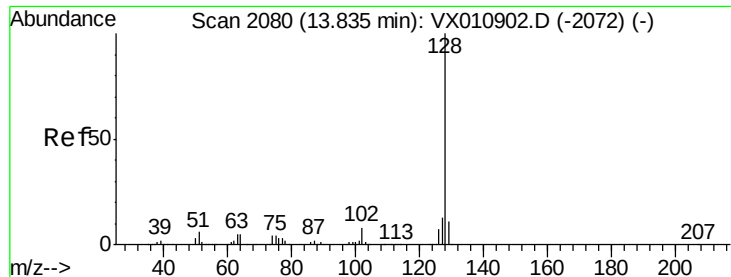
Tot Ion: 91 Resp: 20803
Ion Ratio Lower Upper
91 100
92 44.0 26.2 78.5
134 55.0 13.8 41.3#



#90
Hexachloroethane
Concen: 8.853 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX011042.D
Acq: 22 Jul 2019 19:44

Tgt Ion: 117 Resp: 13812
Ion Ratio Lower Upper
117 100
201 0.0 43.3 129.8#

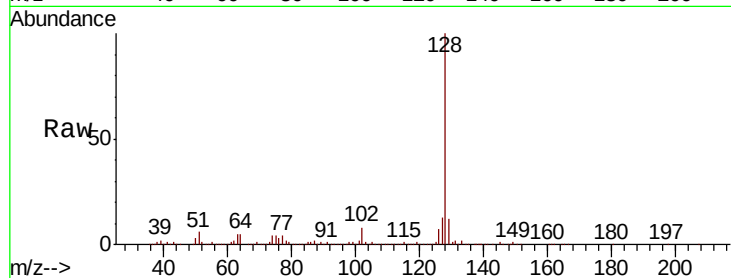




#95
Naphthalene
Concen: 16.805 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011042.D
Acq: 22 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.4	15.6
129	13.7	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

