

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011097.D
 Acq On : 26 Jul 2019 17:46
 Operator : JC/SP
 Sample : PB121723ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121723ZHE#03

Quant Time: Jul 27 02:04:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	202574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144841	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	112071	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
35) Dibromofluoromethane	5.49	113	101908	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
50) Toluene-d8	8.71	98	406022	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.13	95	141470	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	

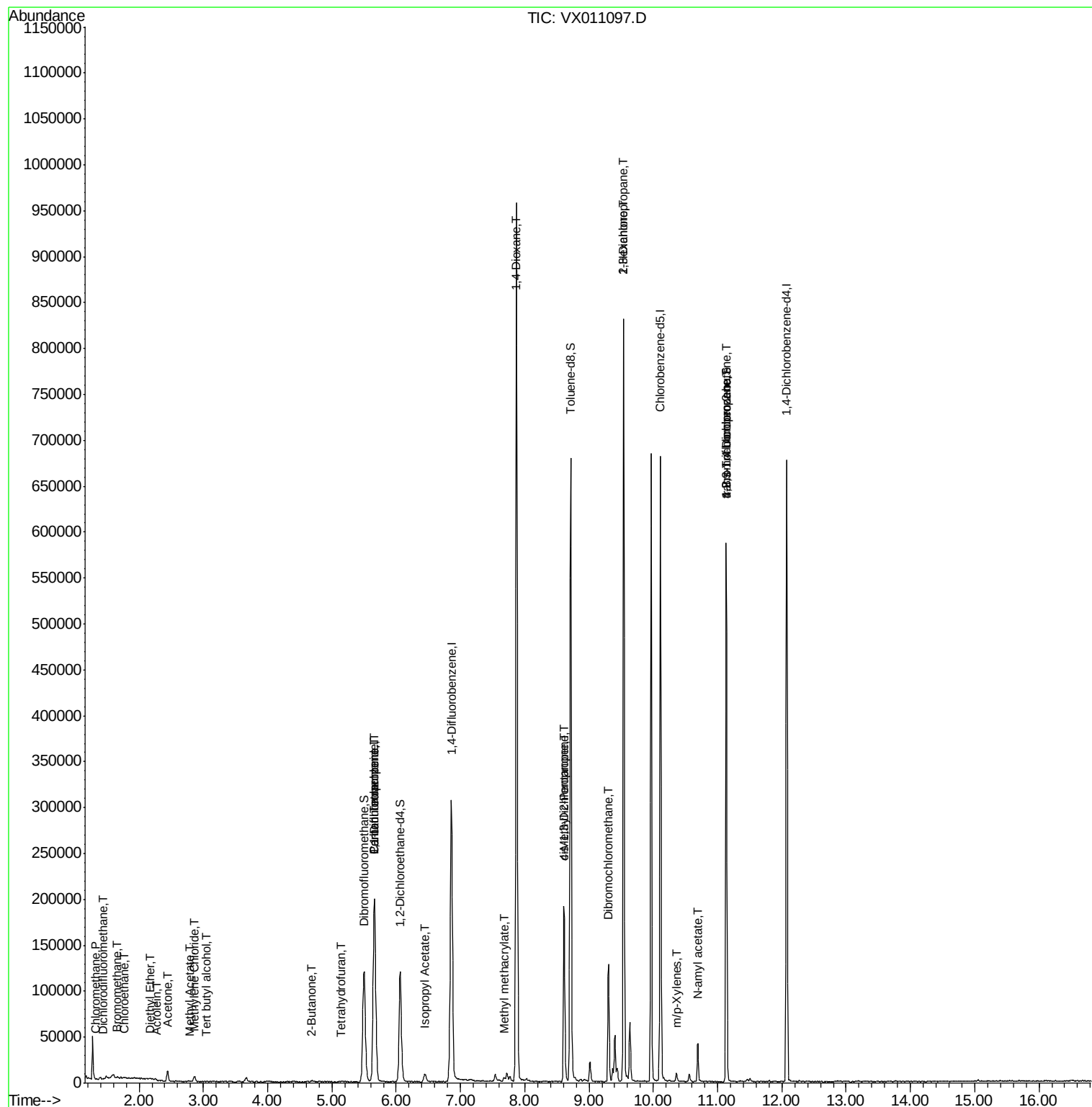
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.43	85	40	0.565	ug/l #	43
3) Chloromethane	1.33	50	383	0.206	ug/l #	42
5) Bromomethane	1.65	94	286	0.267	ug/l #	76
6) Chloroethane	1.76	64	346	0.287	ug/l #	82
8) Diethyl Ether	2.18	74	337	0.304	ug/l	92
11) Tert butyl alcohol	3.05	59	464	0.924	ug/l #	50
13) Acrolein	2.28	56	137	0.472	ug/l	86
16) Acetone	2.44	43	12706	13.054	ug/l	99
18) Methyl Acetate	2.78	43	1550	0.699	ug/l #	89
20) Methylene Chloride	2.86	84	2732	1.324	ug/l	96
25) 2-Butanone	4.68	43	2219	1.588	ug/l #	85
29) Tetrahydrofuran	5.13	42	237	0.268	ug/l #	71
36) 1,1-Dichloropropene	5.66	75	13594	5.095	ug/l #	50
38) Carbon Tetrachloride	5.66	117	19153	6.888	ug/l #	16
43) Isopropyl Acetate	6.45	43	12441	2.769	ug/l	97
48) Methyl methacrylate	7.68	41	5438	2.485	ug/l #	10
49) 1,4-Dioxane	7.88	88	183	2.989	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	61542	21.132	ug/l #	49
54) cis-1,3-Dichloropropene	8.61	75	31500	9.949	ug/l #	64
57) 1,3-Dichloropropane	9.54	76	7669	2.187	ug/l #	44
59) 2-Hexanone	9.54	43	94745	41.944	ug/l #	52
60) Dibromochloromethane	9.30	129	22	2.536	ug/l #	11
68) m/p-Xylenes	10.36	106	2152	0.511	ug/l	96
74) N-amyl acetate	10.69	43	10031	2.682	ug/l #	54
76) 1,2,3-Trichloropropane	11.13	75	71327	27.289	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	71327	67.616	ug/l #	11

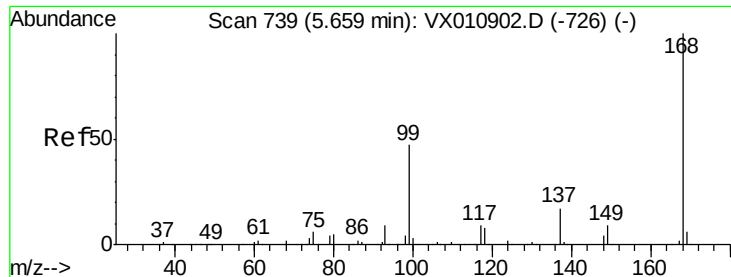
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 27 02:04:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

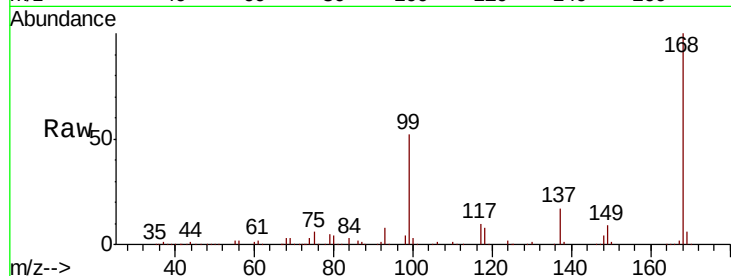
PB121723ZHE#03

Tot Ion:168 Resp: 202574

Ion Ratio Lower Upper

168 100

99 51.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

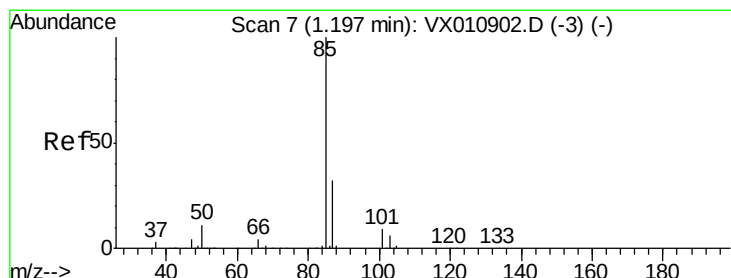
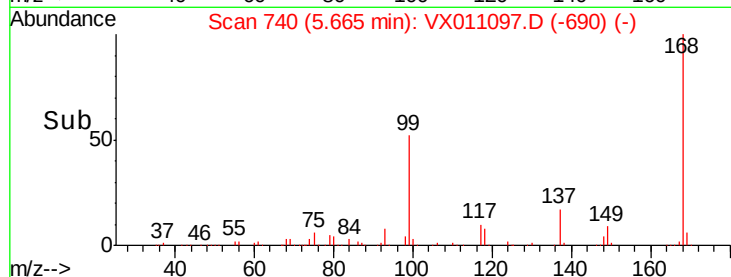
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.565 ug/l

RT: 1.43 min Scan# 45

Delta R.T. 0.23 min

Lab File: VX011097.D

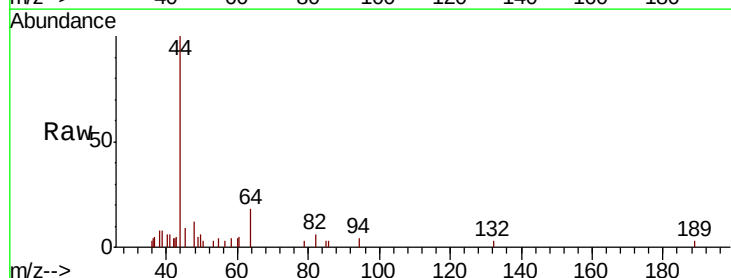
Acq: 26 Jul 2019 17:46

Tgt Ion: 85 Resp: 40

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

1.43

80

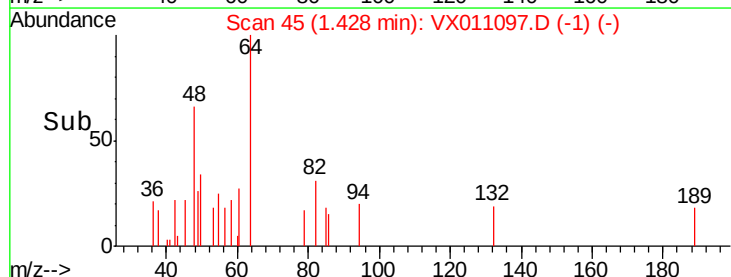
60

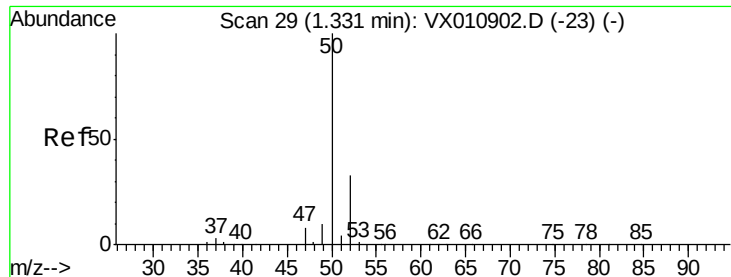
40

20

0

Time--> 1.41 1.42 1.43 1.44





#3

Chloromethane

Concen: 0.206 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

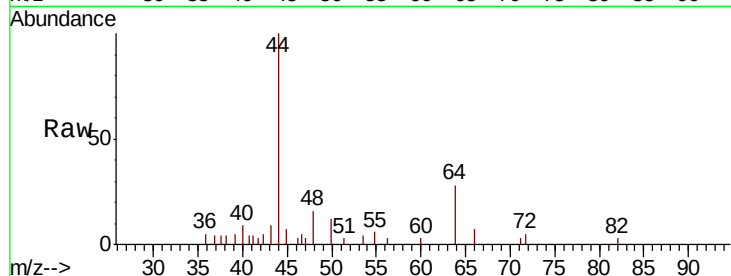
PB121723ZHE#03

Tot Ion: 50 Resp: 383

Ion Ratio Lower Upper

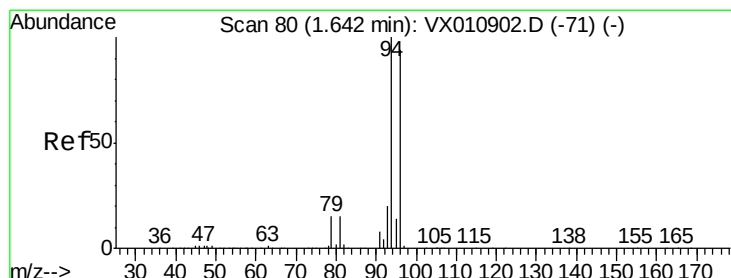
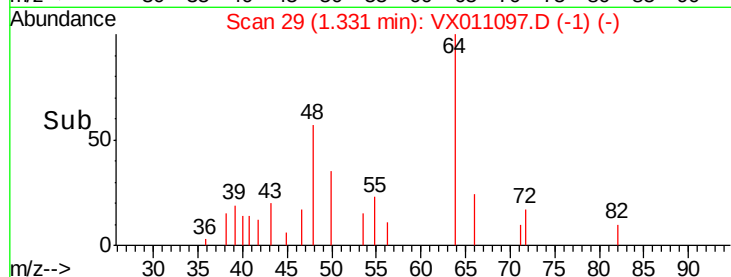
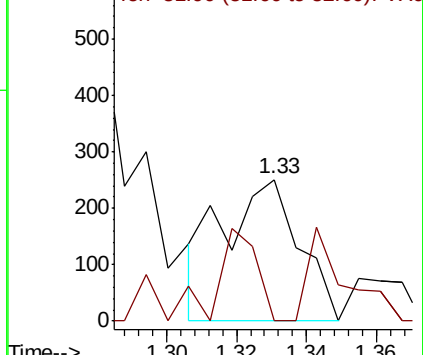
50 100

52 0.0 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.267 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX011097.D

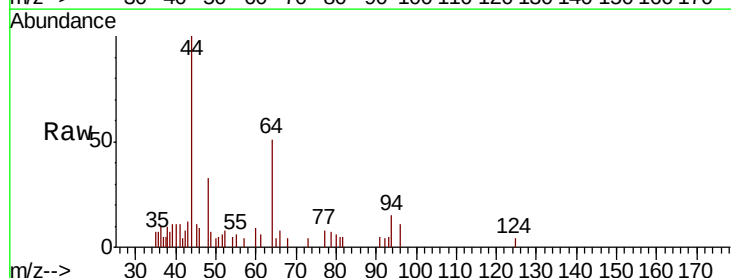
Acq: 26 Jul 2019 17:46

Tgt Ion: 94 Resp: 286

Ion Ratio Lower Upper

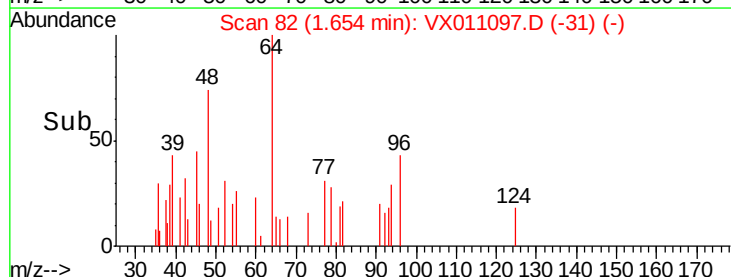
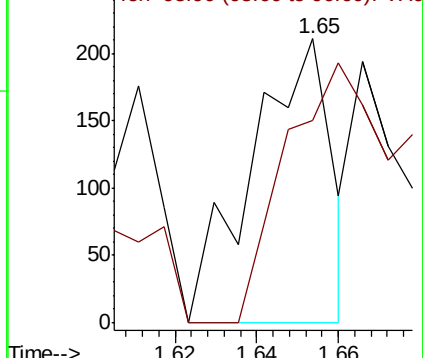
94 100

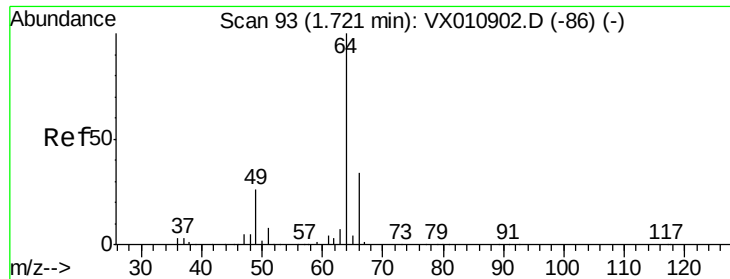
96 71.1 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.287 ug/l

RT: 1.76 min Scan# 100

Delta R.T. 0.04 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

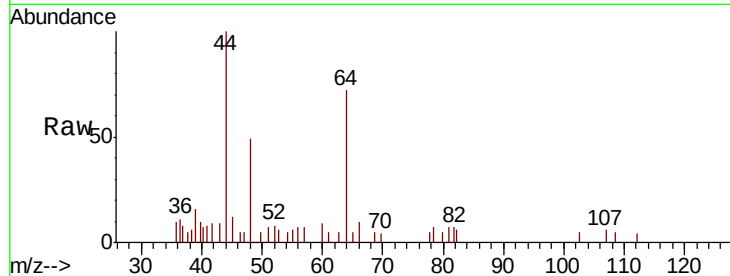
PB121723ZHE#03

Tot Ion: 64 Resp: 346

Ion Ratio Lower Upper

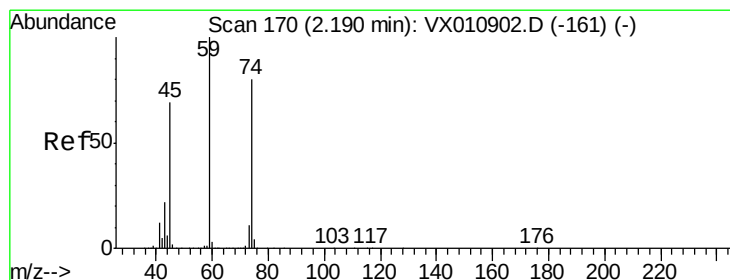
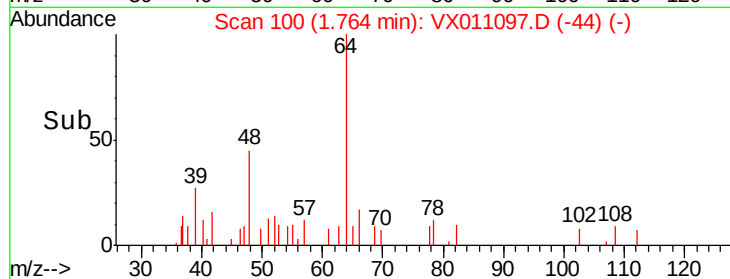
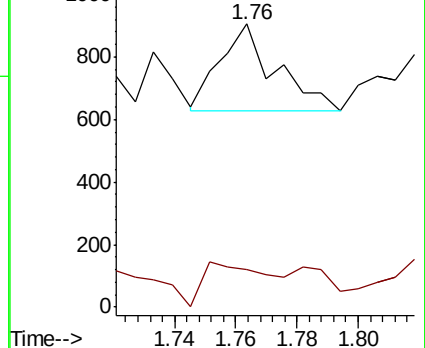
64 100

66 43.8 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: 0.304 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX011097.D

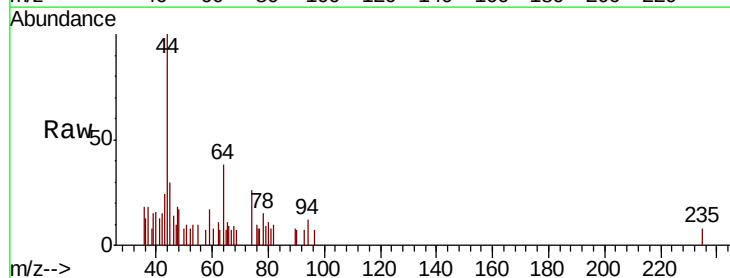
Acq: 26 Jul 2019 17:46

Tgt Ion: 74 Resp: 337

Ion Ratio Lower Upper

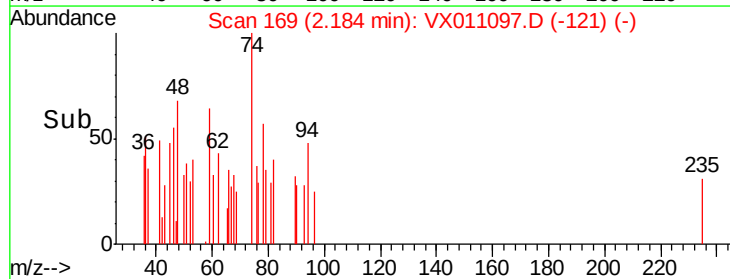
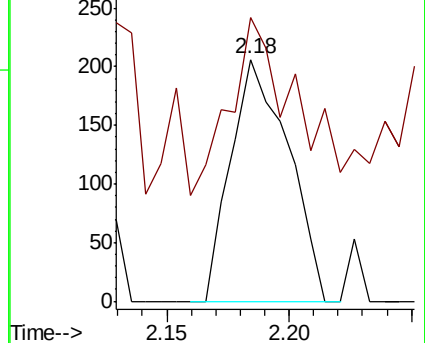
74 100

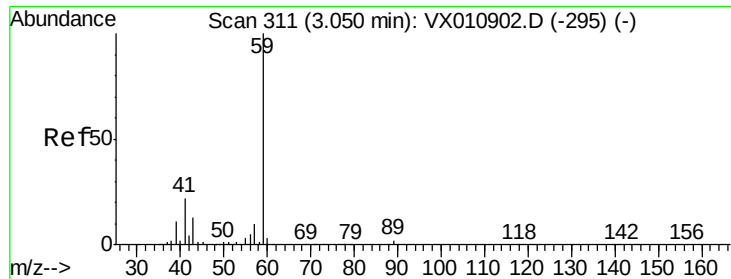
45 83.1 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

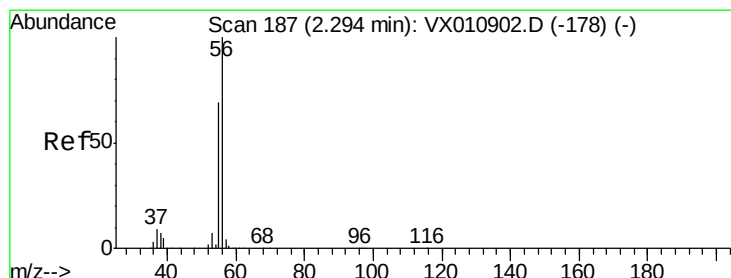
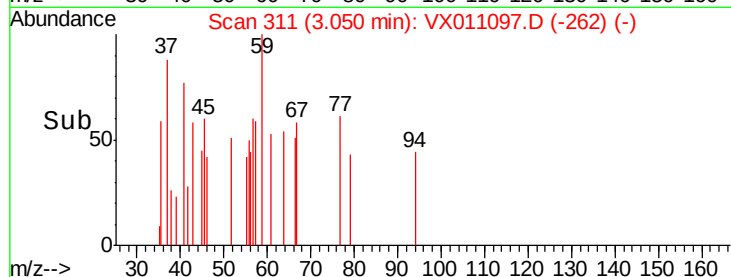
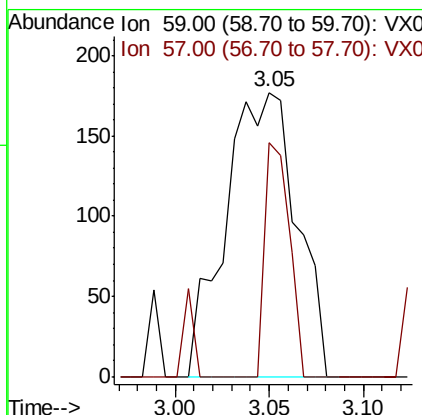
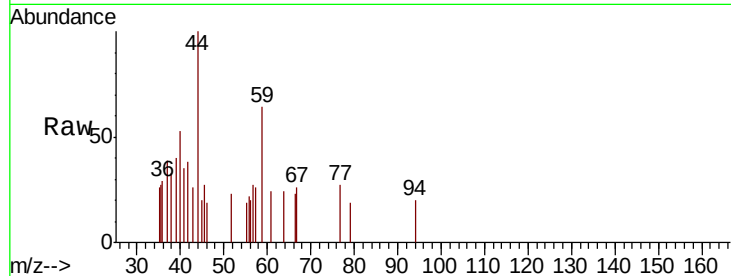




#11
Tert butyl alcohol
Concen: 0.924 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX011097.D
Acq: 26 Jul 2019 17:46

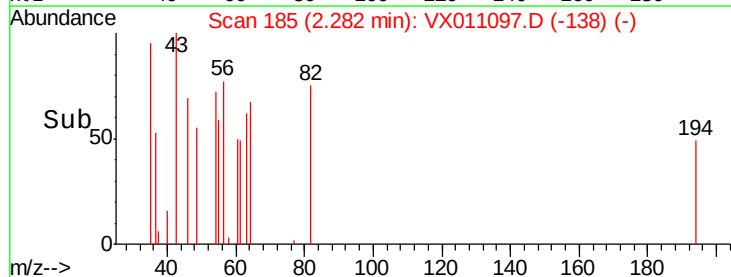
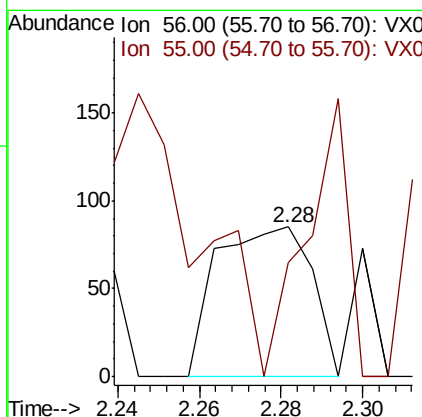
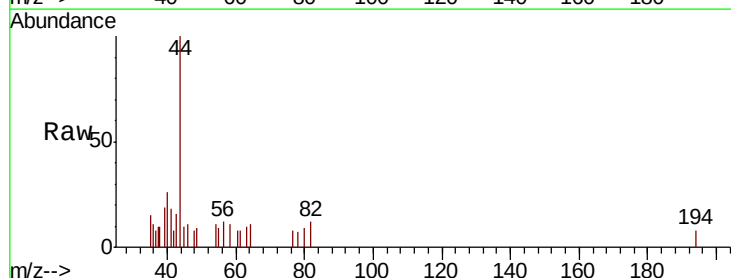
Instrument :
MSVOA_X
ClientSampleId :
PB121723ZHE#03

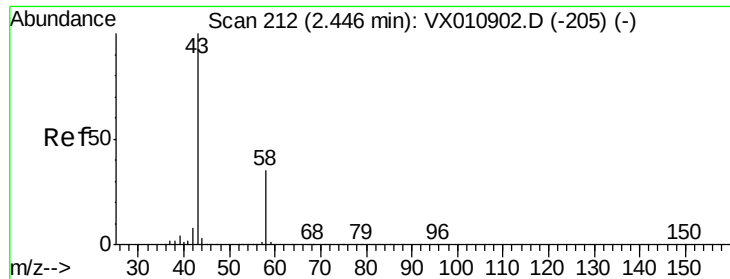
Tot Ion: 59 Resp: 464
Ion Ratio Lower Upper
59 100
57 28.4 7.9 11.9#



#13
Acrolein
Concen: 0.472 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX011097.D
Acq: 26 Jul 2019 17:46

Tgt Ion: 56 Resp: 137
Ion Ratio Lower Upper
56 100
55 81.0 55.9 83.9





#16

Acetone

Concen: 13.054 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

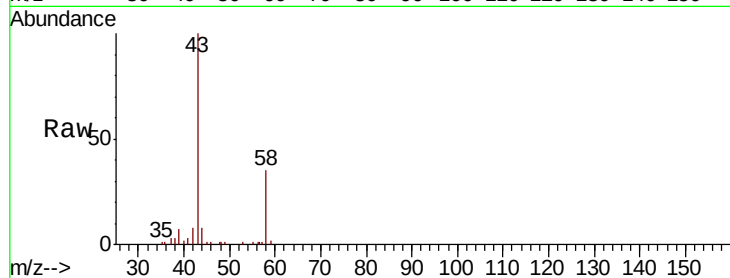
PB121723ZHE#03

Tot Ion: 43 Resp: 12706

Ion Ratio Lower Upper

43 100

58 34.9 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

4000

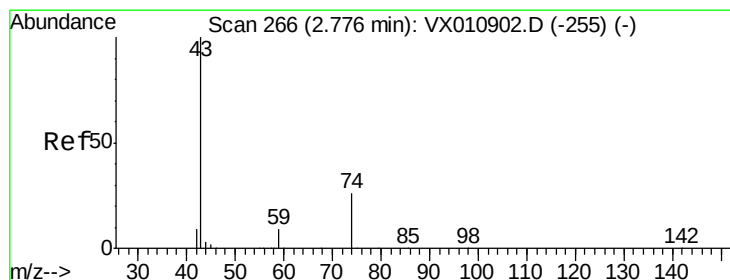
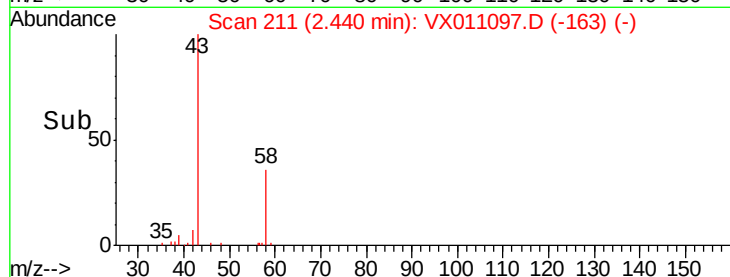
2000

0

Time-->

2.35 2.40 2.45 2.50 2.55

2.44



#18

Methyl Acetate

Concen: 0.699 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX011097.D

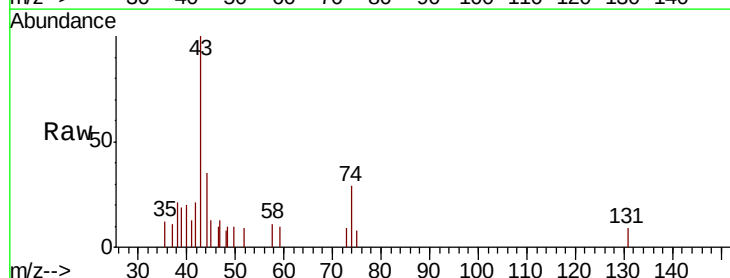
Acq: 26 Jul 2019 17:46

Tgt Ion: 43 Resp: 1550

Ion Ratio Lower Upper

43 100

74 21.3 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

600

400

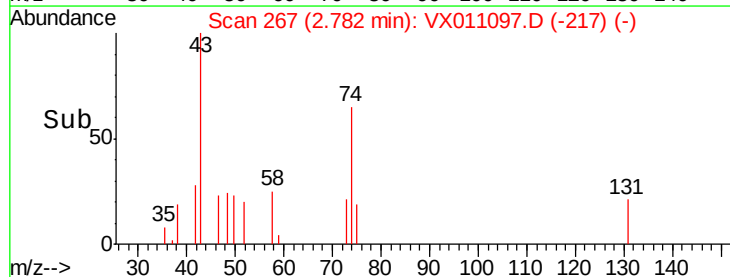
200

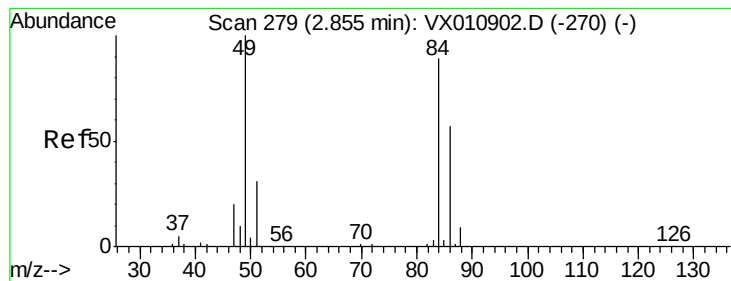
0

Time-->

2.70 2.75 2.80 2.85

2.78





#20

Methylene Chloride

Concen: 1.324 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#03

Tot Ion: 84 Resp: 2732

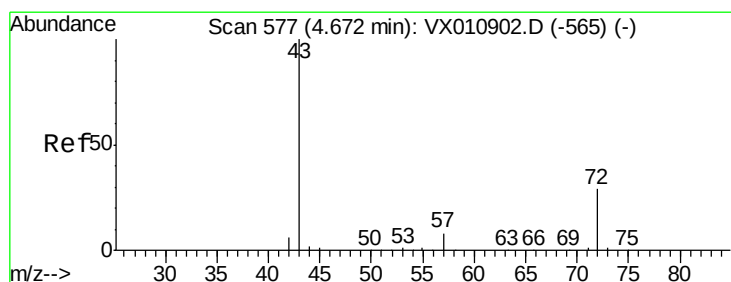
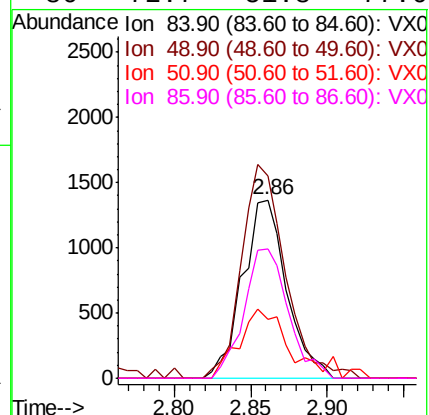
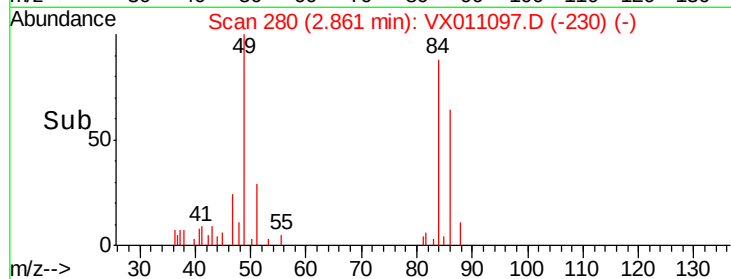
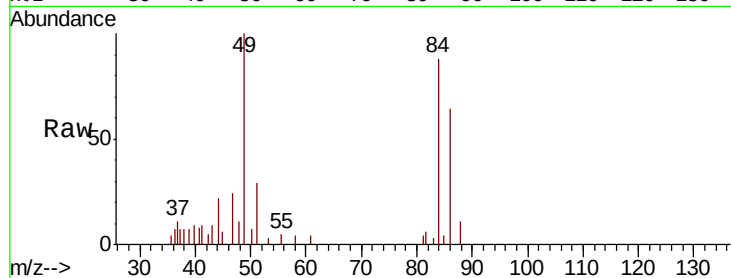
Ion Ratio Lower Upper

84 100

49 113.2 89.9 134.9

51 33.1 27.8 41.6

86 72.7 51.8 77.6



#25

2-Butanone

Concen: 1.588 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX011097.D

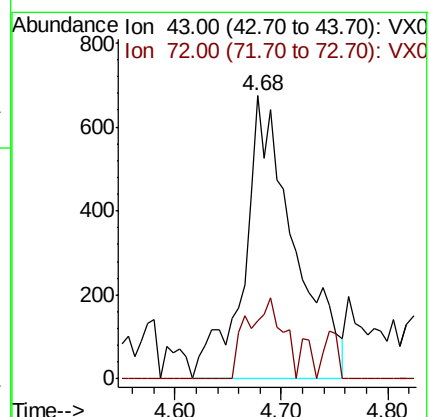
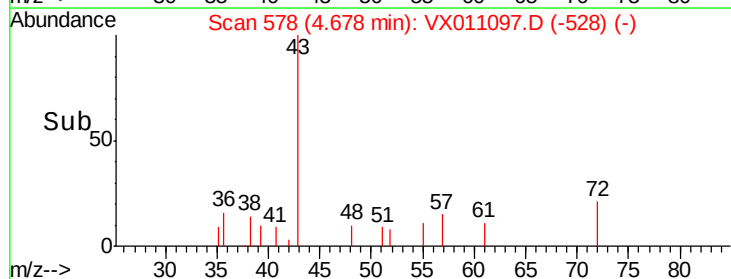
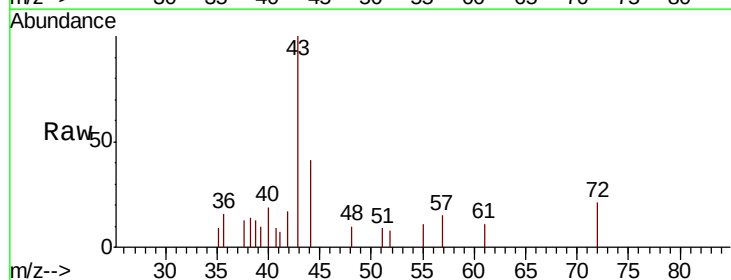
Acq: 26 Jul 2019 17:46

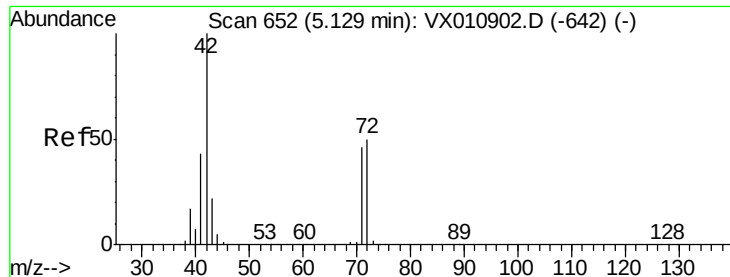
Tgt Ion: 43 Resp: 2219

Ion Ratio Lower Upper

43 100

72 20.8 23.0 34.6#





#29

Tetrahydrofuran

Concen: 0.268 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#03

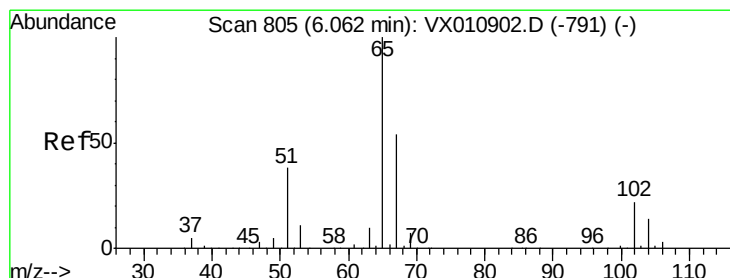
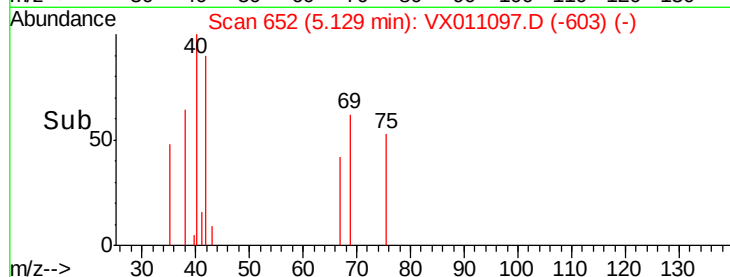
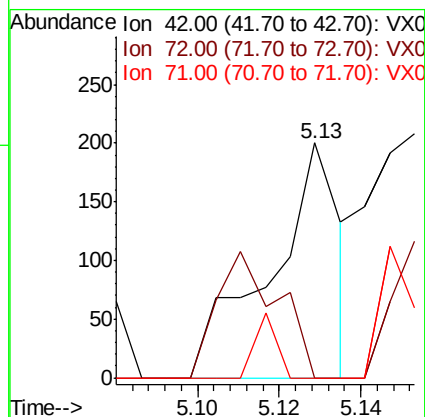
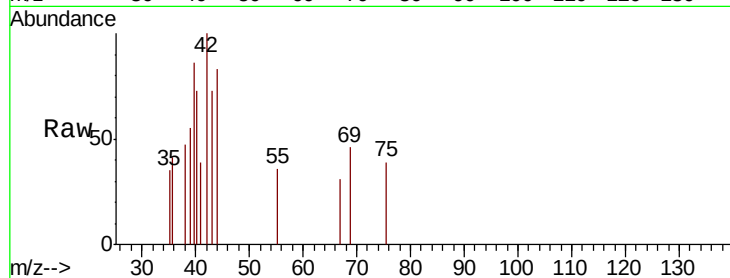
Tot Ion: 42 Resp: 237

Ion Ratio Lower Upper

42 100

72 47.7 39.8 59.8

71 8.4 37.0 55.4#



#33

1,2-Dichloroethane-d4

Concen: 52.003 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011097.D

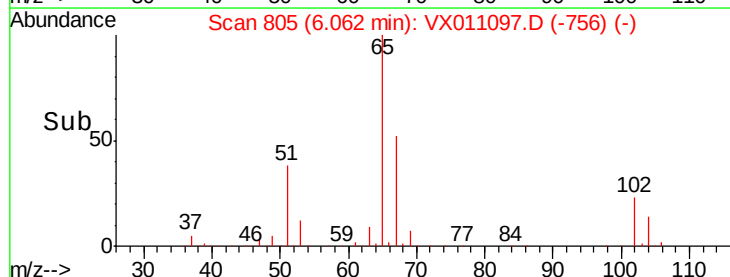
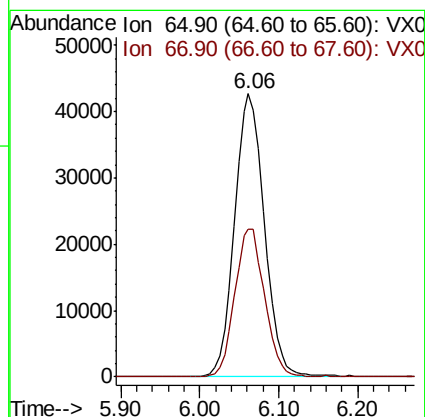
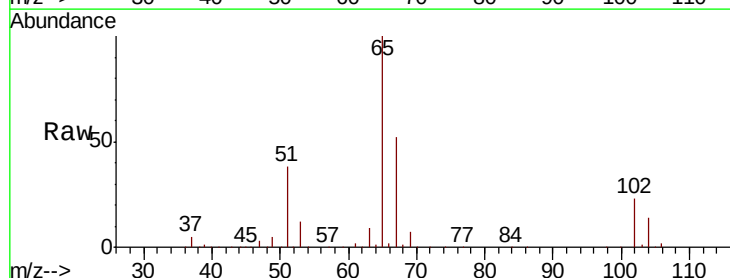
Acq: 26 Jul 2019 17:46

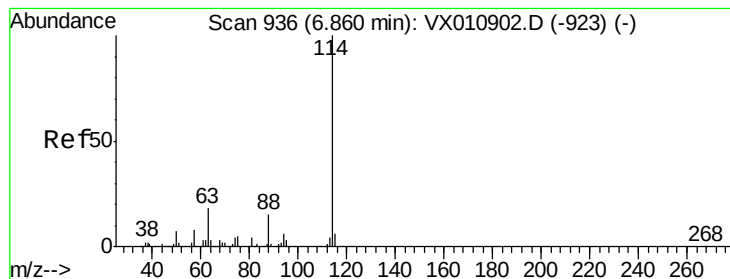
Tgt Ion: 65 Resp: 112071

Ion Ratio Lower Upper

65 100

67 52.3 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: VX011097.D

Acq: 26 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#03

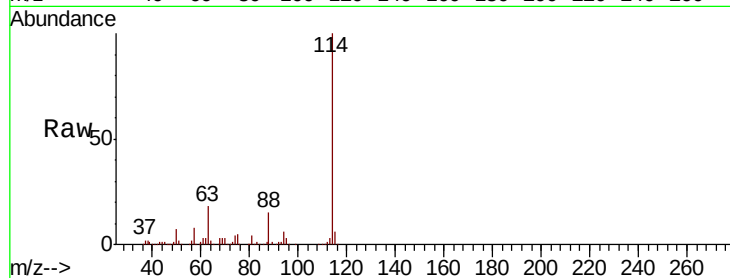
Tot Ion:114 Resp: 324845

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

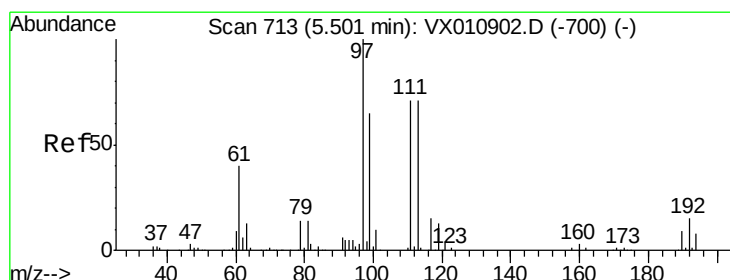
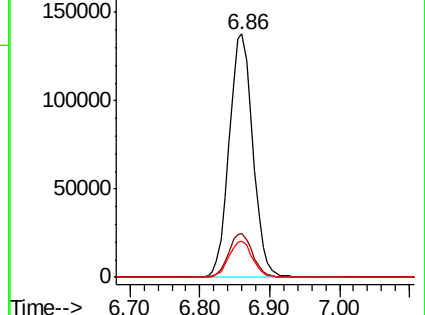
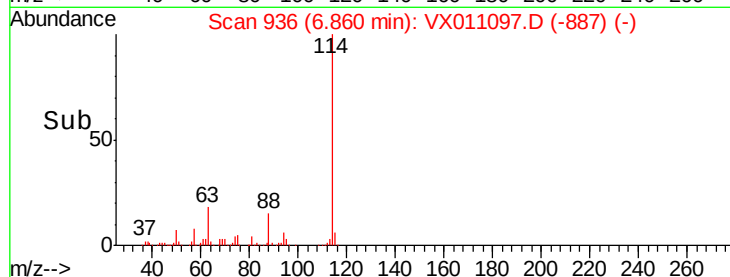
88 14.8 0.0 29.8



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: 49.425 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

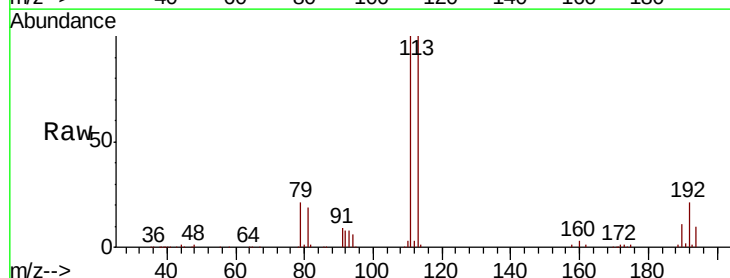
Tgt Ion:113 Resp: 101908

Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

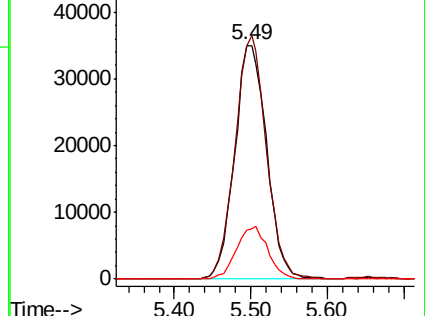
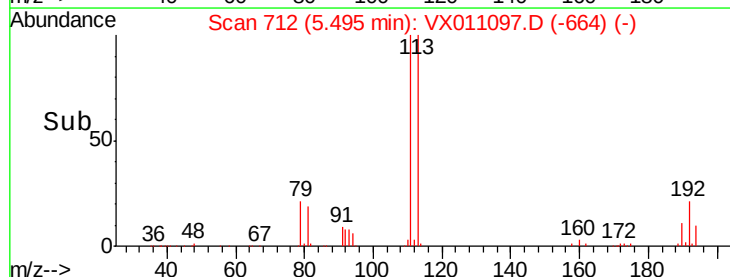
192 22.1 17.4 26.2

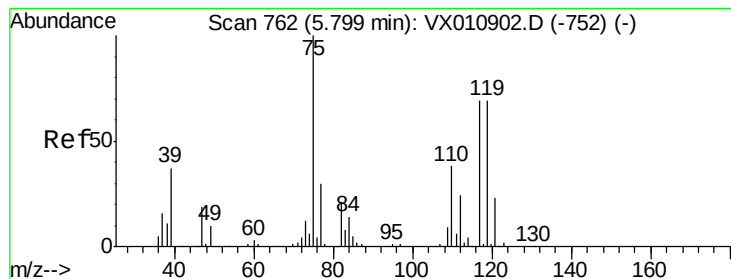


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.095 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#03

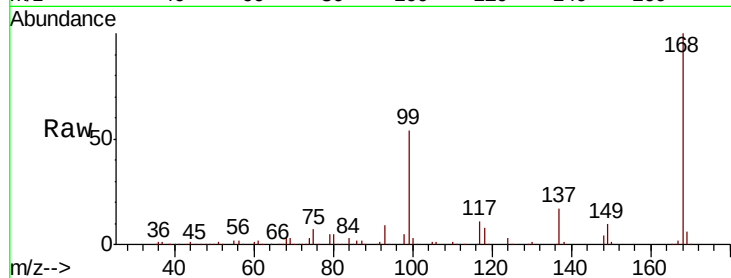
Tot Ion: 75 Resp: 13594

Ion Ratio Lower Upper

75 100

110 11.8 19.9 59.7#

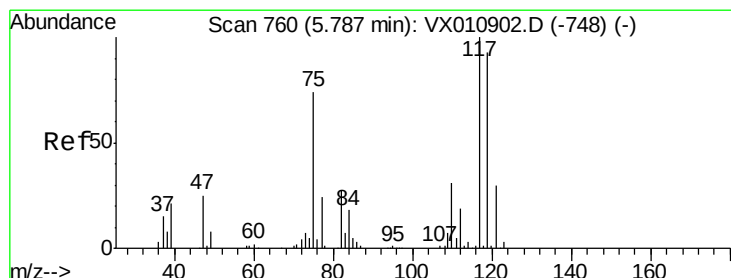
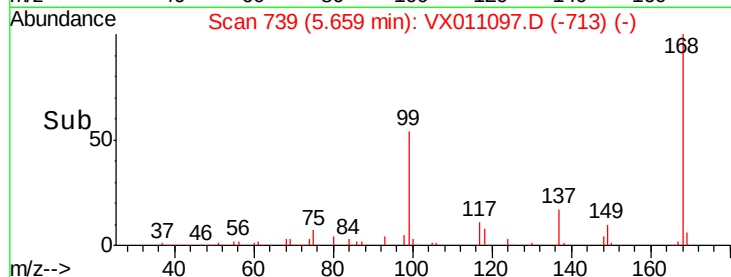
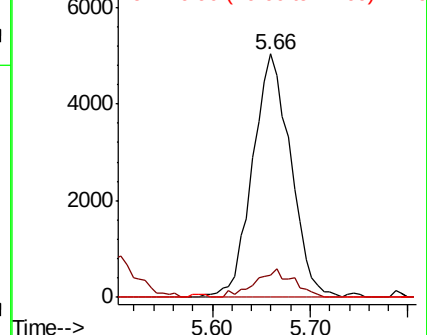
77 0.0 25.0 37.4#



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: 6.888 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

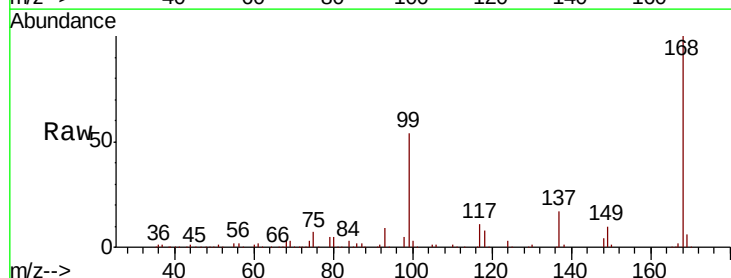
Tgt Ion: 117 Resp: 19153

Ion Ratio Lower Upper

117 100

119 3.2 74.2 111.2#

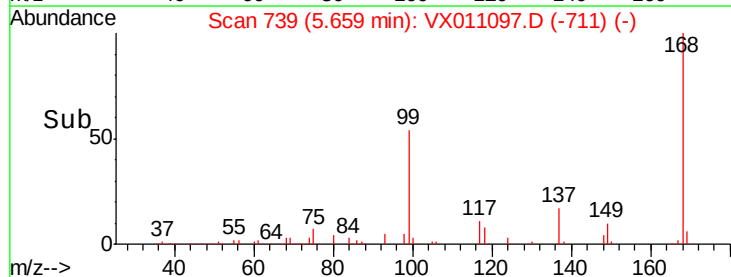
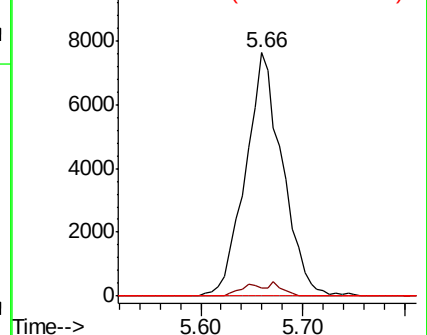
121 0.0 24.2 36.2#

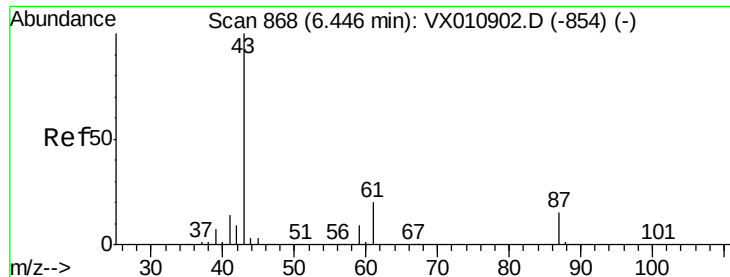


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 2.769 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#03

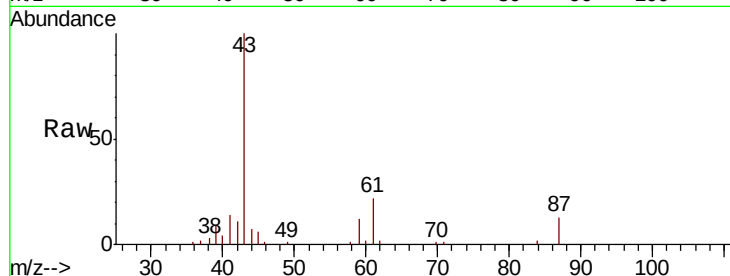
Tot Ion: 43 Resp: 12441

Ion Ratio Lower Upper

43 100

61 22.8 17.1 25.7

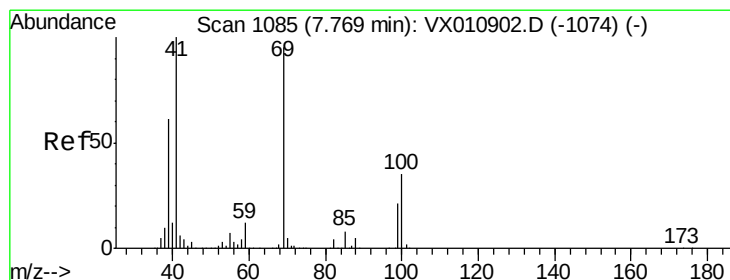
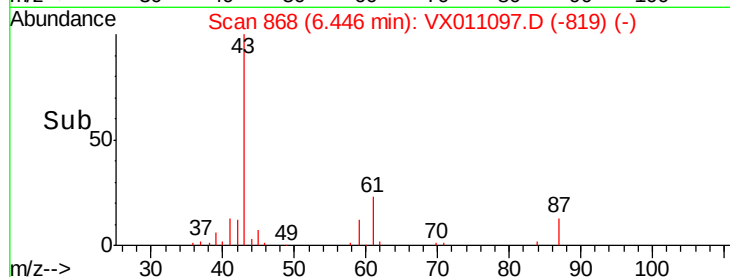
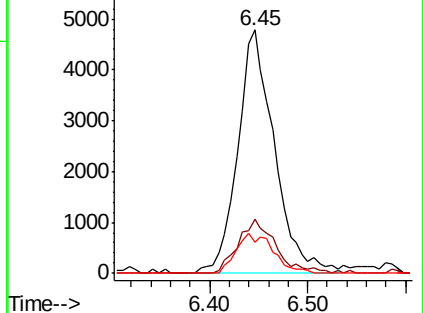
87 16.4 12.0 18.0



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: 2.485 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

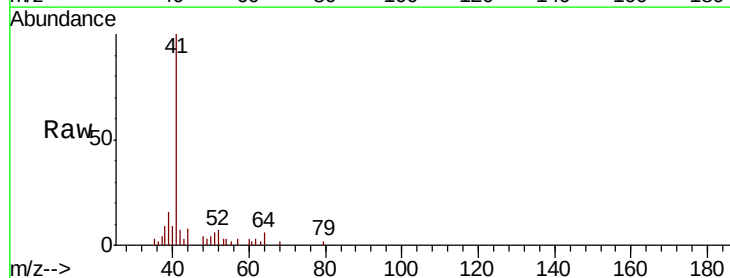
Tgt Ion: 41 Resp: 5438

Ion Ratio Lower Upper

41 100

69 0.0 74.4 111.6#

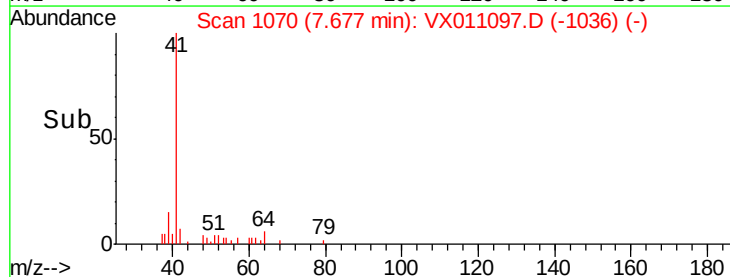
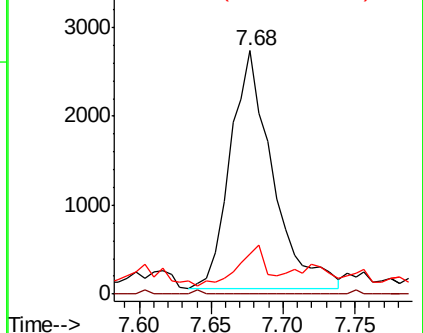
39 0.0 48.9 73.3#

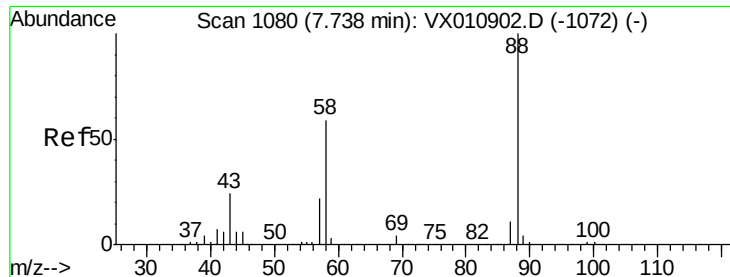


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2.989 ug/l

RT: 7.88 min Scan# 1103

Delta R.T. 0.14 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#03

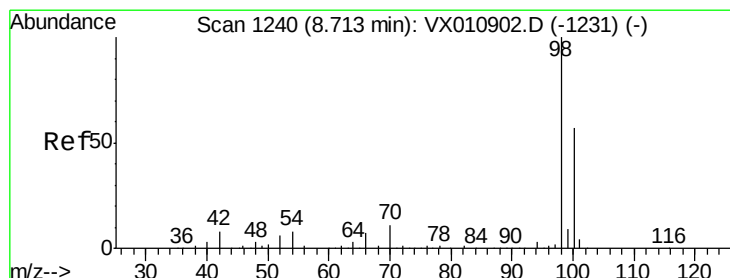
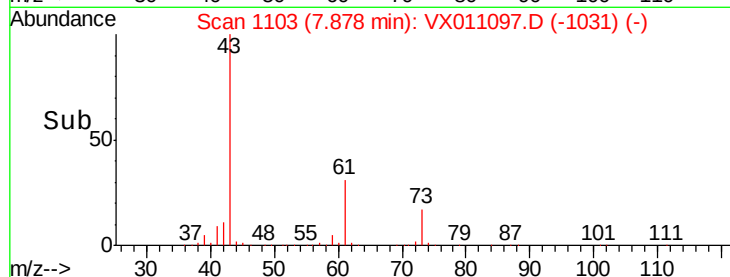
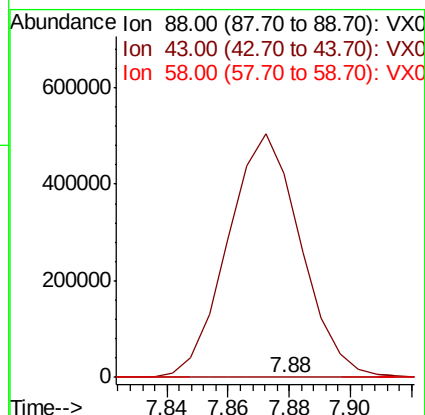
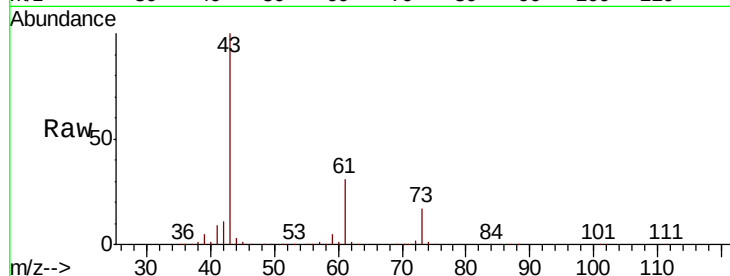
Tot Ion: 88 Resp: 183

Ion Ratio Lower Upper

88 100

43 458920.8 22.9 34.3#

58 2177.0 49.8 74.8#



#50

Toluene-d8

Concen: 52.503 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011097.D

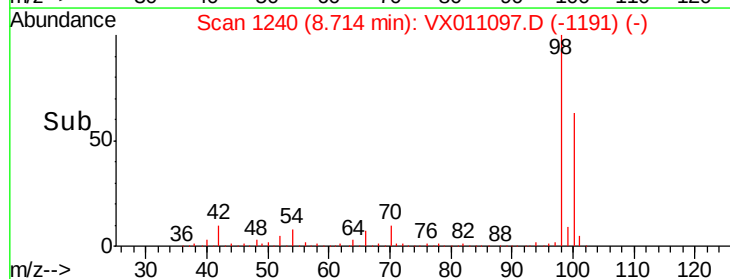
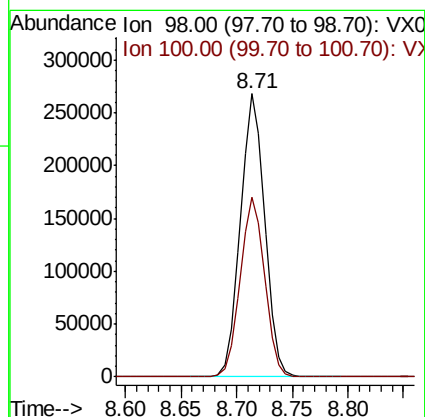
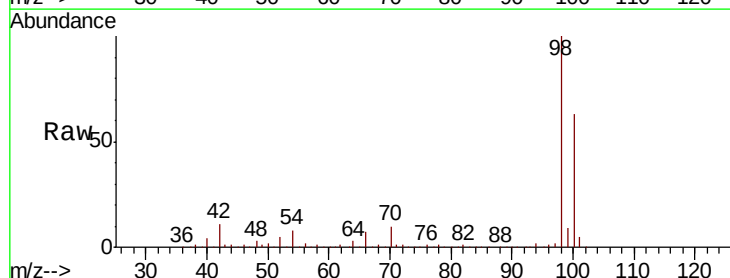
Acq: 26 Jul 2019 17:46

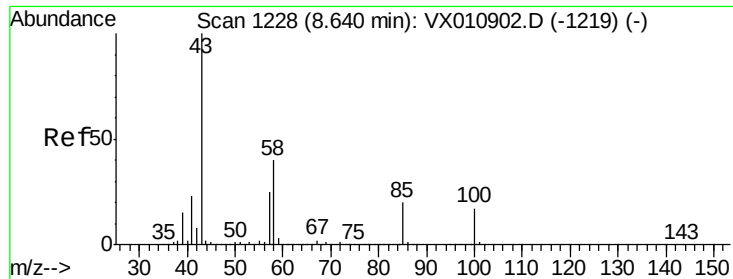
Tgt Ion: 98 Resp: 406022

Ion Ratio Lower Upper

98 100

100 63.6 50.6 75.8

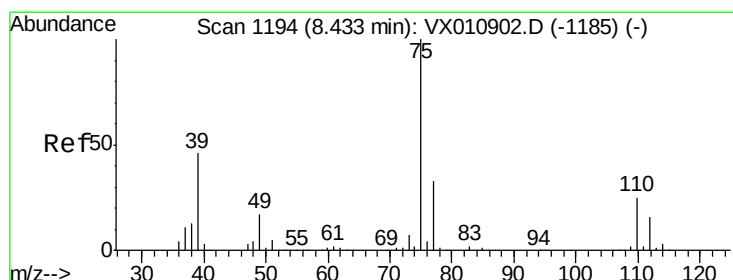
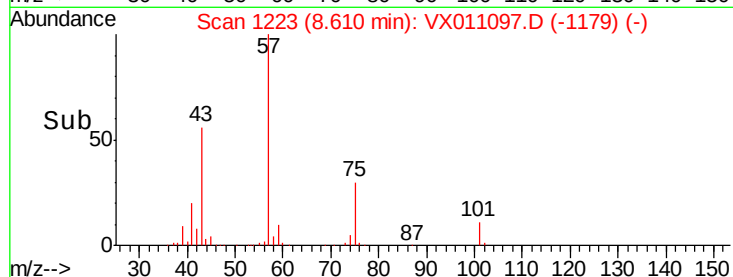
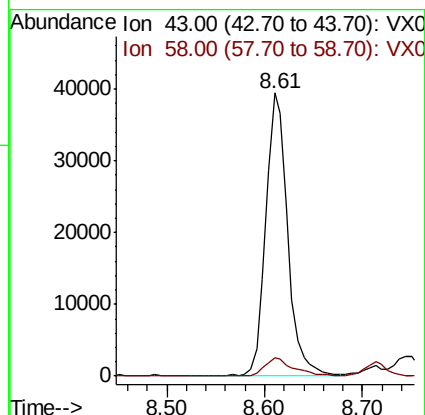
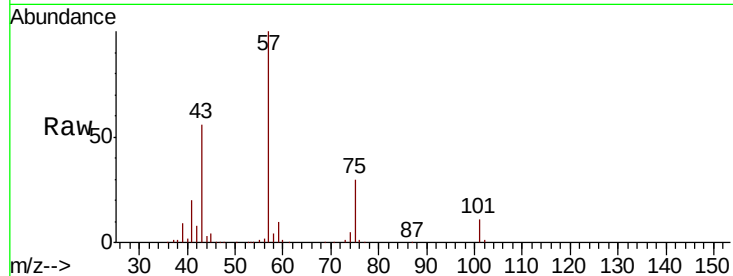




#51
 4-Methyl-2-Pentanone
 Concen: 21.132 ug/l
 RT: 8.61 min Scan# 1223
 Delta R.T. -0.03 min
 Lab File: VX011097.D
 Acq: 26 Jul 2019 17:46

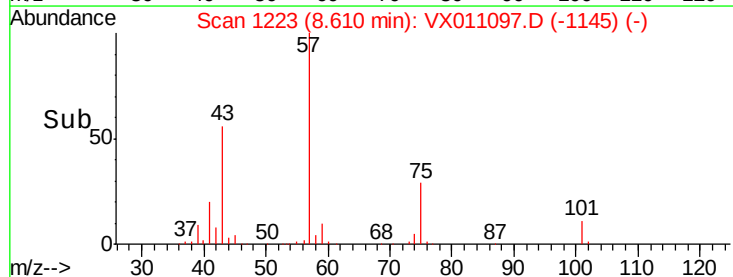
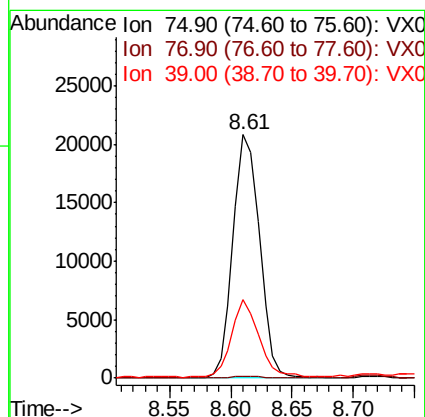
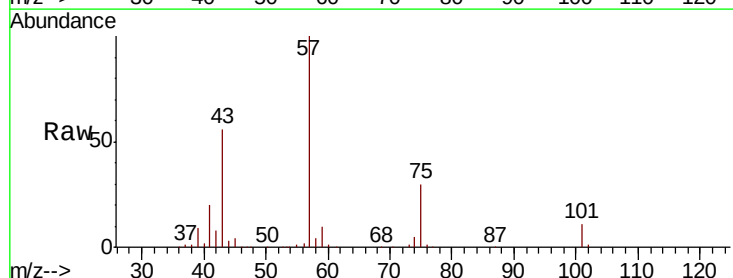
Instrument :
 MSVOA_X
 ClientSampleId :
 PB121723ZHE#03

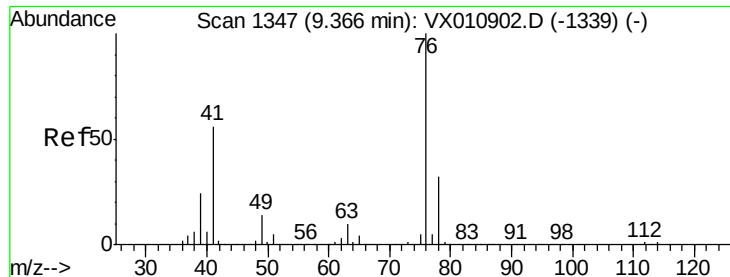
Tot Ion: 43 Resp: 61542
 Ion Ratio Lower Upper
 43 100
 58 8.5 32.2 48.4#



#54
 cis-1,3-Dichloropropene
 Concen: 9.949 ug/l
 RT: 8.61 min Scan# 1223
 Delta R.T. 0.18 min
 Lab File: VX011097.D
 Acq: 26 Jul 2019 17:46

Tgt Ion: 75 Resp: 31500
 Ion Ratio Lower Upper
 75 100
 77 0.8 26.1 39.1#
 39 31.6 36.6 54.8#

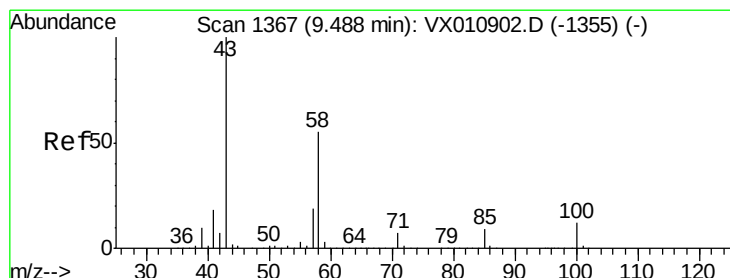
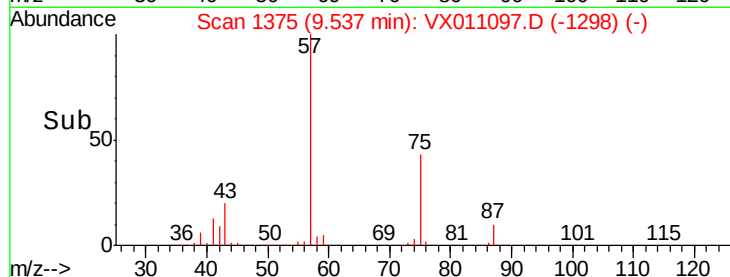
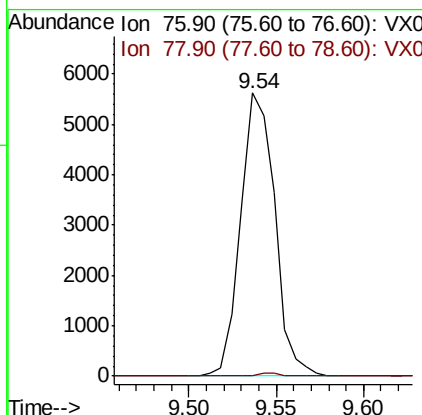
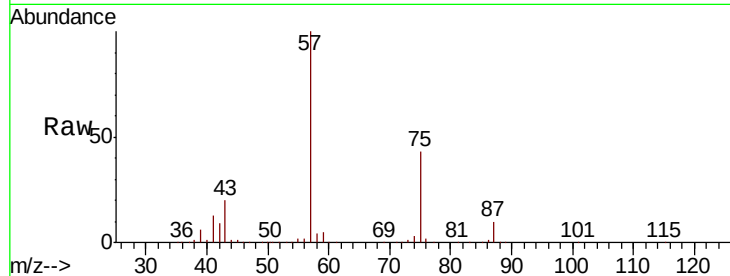




#57
 1,3-Dichloropropane
 Concen: 2.187 ug/l
 RT: 9.54 min Scan# 1375
 Delta R.T. 0.17 min
 Lab File: VX011097.D
 Acq: 26 Jul 2019 17:46

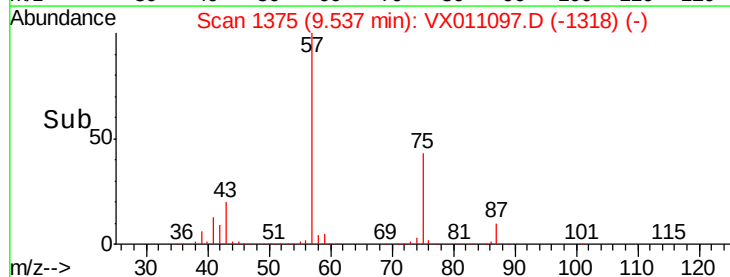
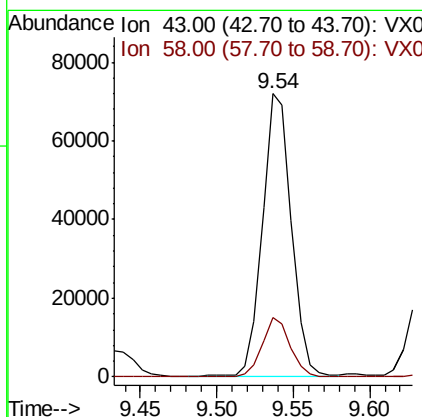
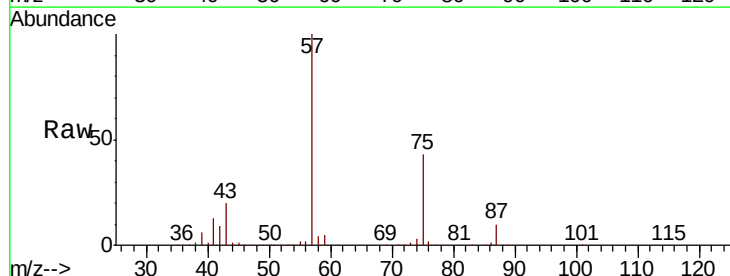
Instrument :
 MSVOA_X
 ClientSampleId :
 PB121723ZHE#03

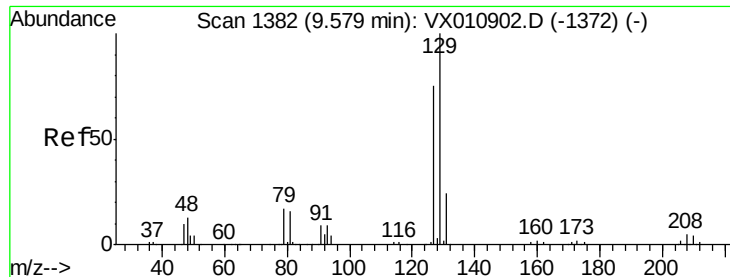
Tot Ion: 76 Resp: 7669
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.6 38.4#



#59
 2-Hexanone
 Concen: 41.944 ug/l
 RT: 9.54 min Scan# 1375
 Delta R.T. 0.05 min
 Lab File: VX011097.D
 Acq: 26 Jul 2019 17:46

Tgt Ion: 43 Resp: 94745
 Ion Ratio Lower Upper
 43 100
 58 20.8 28.0 83.9#





#60

Dibromochloromethane

Concen: 2.536 ug/l

RT: 9.30 min Scan# 1337

Delta R.T. -0.27 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

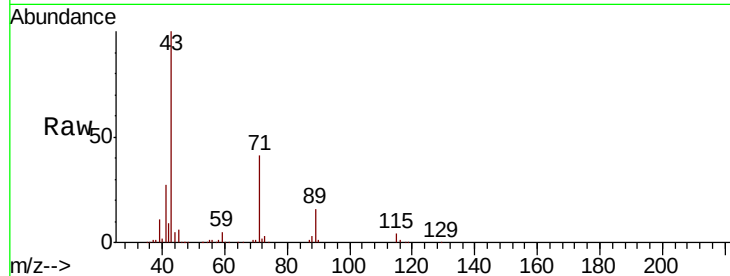
PB121723ZHE#03

Tot Ion:129 Resp: 22

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

60

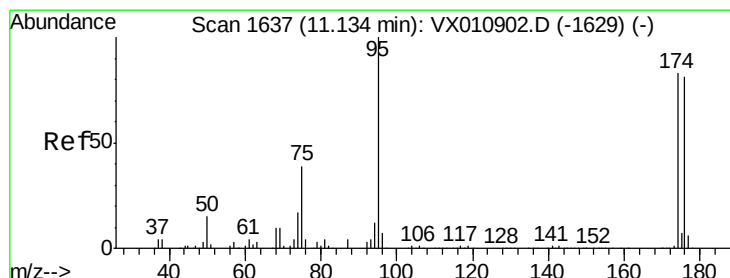
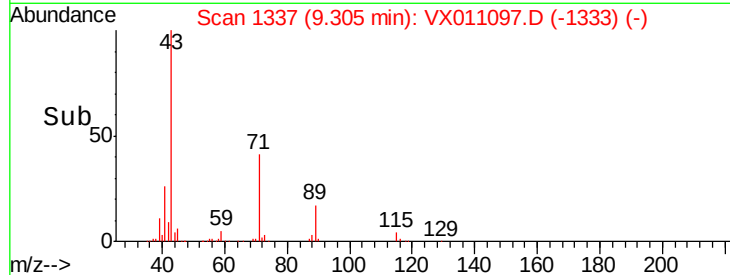
40

20

0

9.29 9.30 9.31 9.32

Time-->



#62

4-Bromofluorobenzene

Concen: 49.769 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

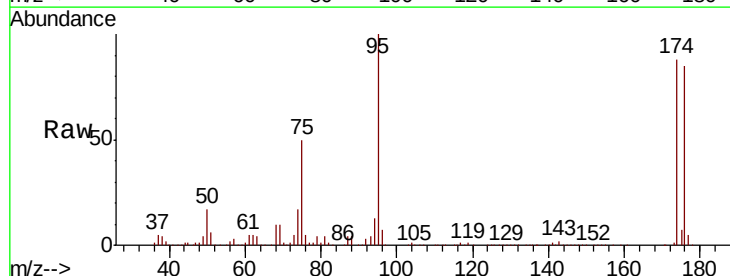
Tgt Ion: 95 Resp: 141470

Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.6

176 88.9 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

150000

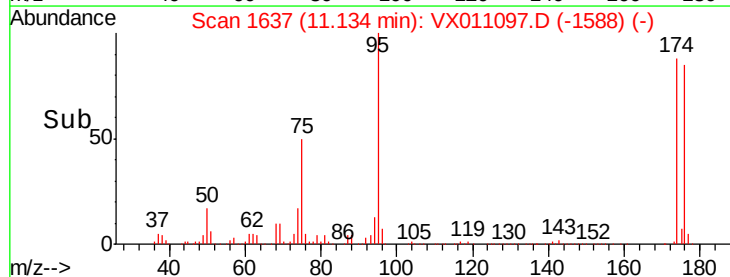
100000

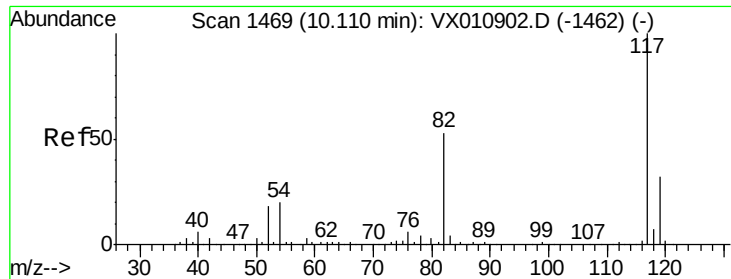
50000

0

11.10 11.13 11.20

Time-->

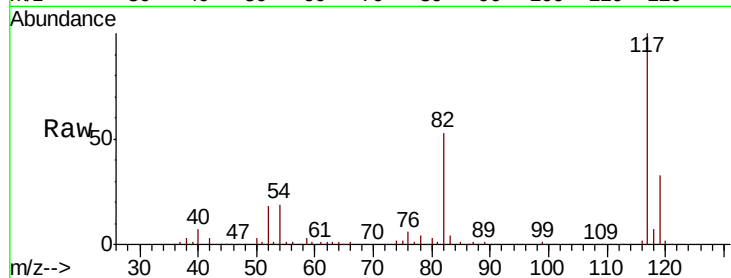




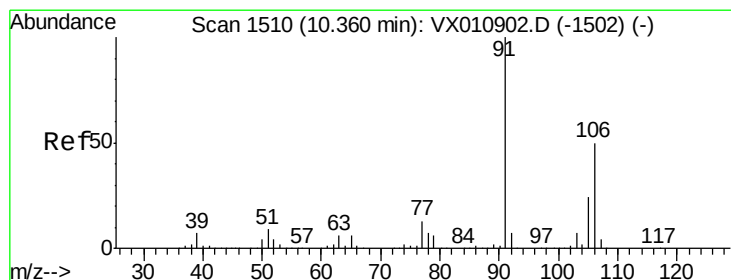
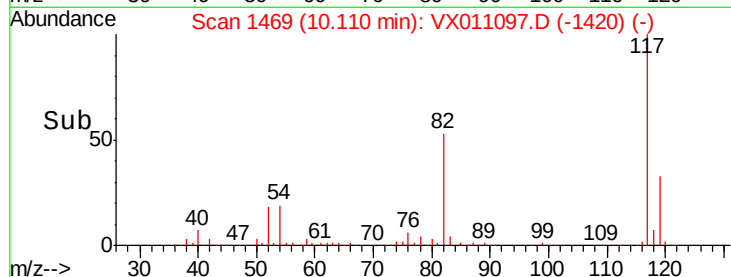
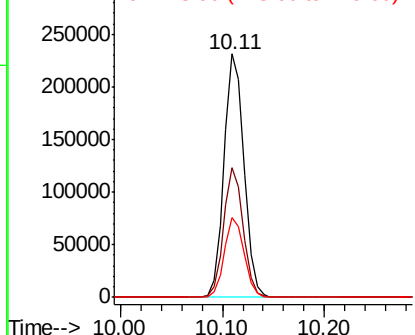
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011097.D
Acq: 26 Jul 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
PB121723ZHE#03

Tot Ion:117 Resp: 314005
Ion Ratio Lower Upper
117 100
82 53.2 42.6 63.8
119 32.6 25.9 38.9

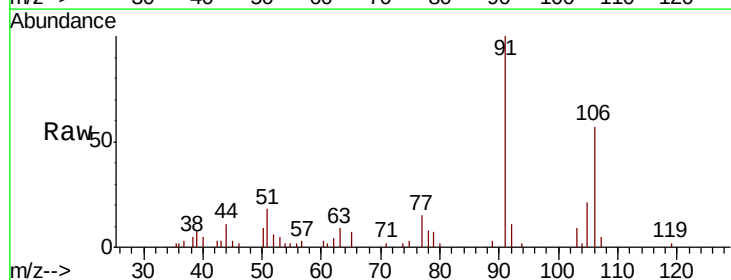


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

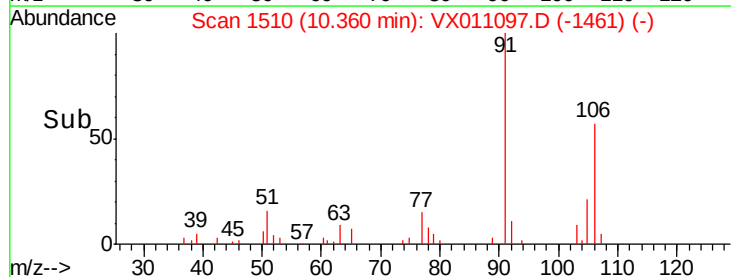
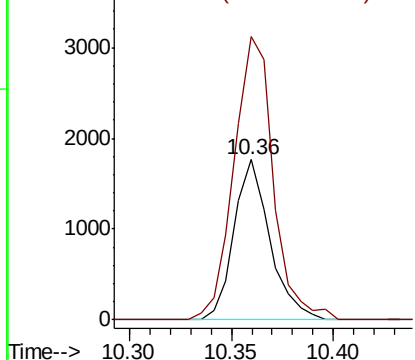


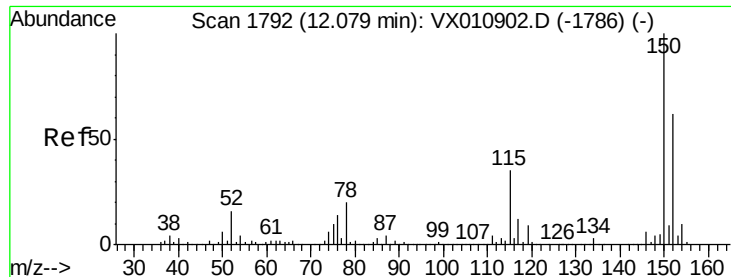
#68
m/p-Xylenes
Concen: 0.511 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011097.D
Acq: 26 Jul 2019 17:46

Tgt Ion:106 Resp: 2152
Ion Ratio Lower Upper
106 100
91 194.2 160.1 240.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#03

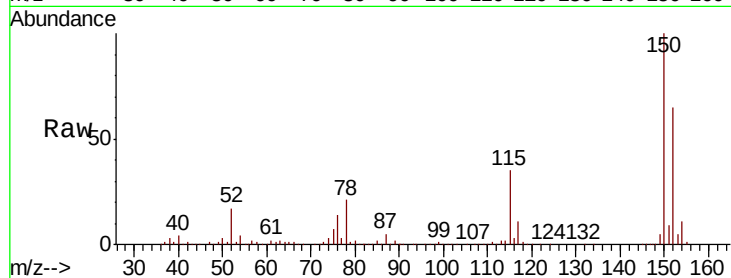
Tot Ion:152 Resp: 144841

Ion Ratio Lower Upper

152 100

115 56.2 39.7 119.1

150 156.9 0.0 345.6

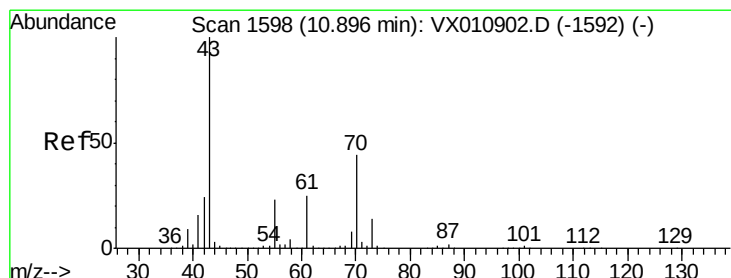
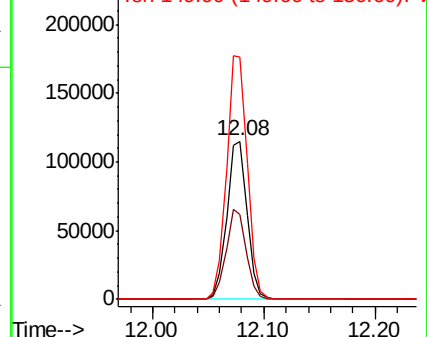
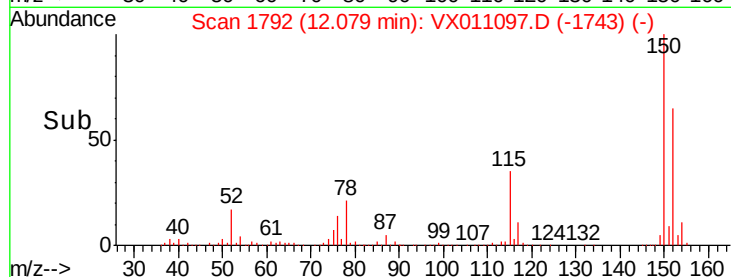


Abundance

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



#74

N-ethyl acetate

Concen: 2.682 ug/l

RT: 10.69 min Scan# 1564

Delta R.T. -0.21 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

Tgt Ion: 43 Resp: 10031

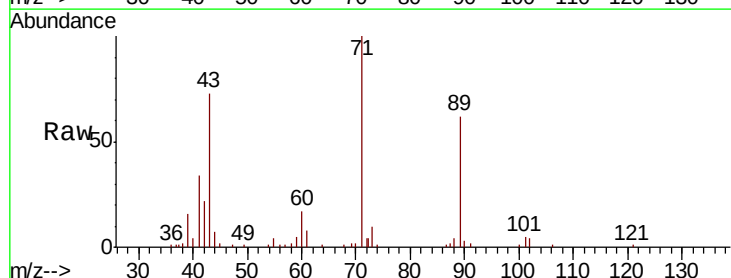
Ion Ratio Lower Upper

43 100

70 2.8 34.7 52.1#

55 6.1 19.1 28.7#

61 11.6 19.9 29.9#



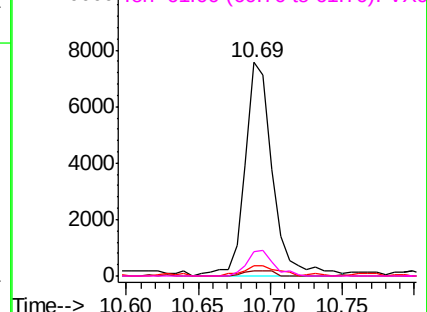
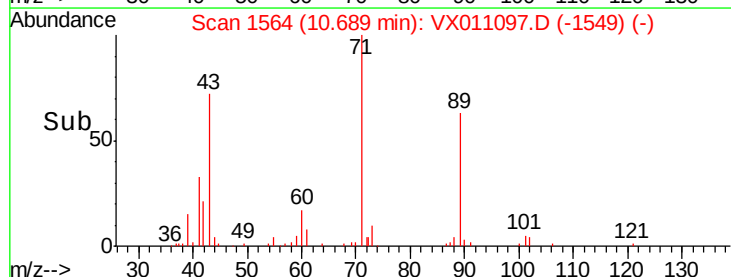
Abundance

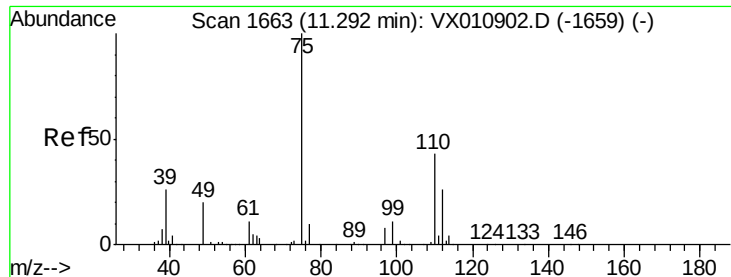
Ion 43.00 (42.70 to 43.70): VX0

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: 27.289 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

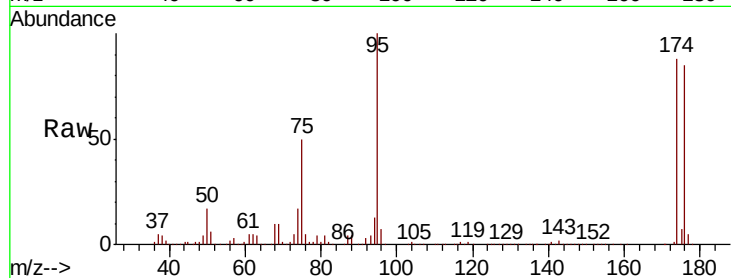
PB121723ZHE#03

Tot Ion: 75 Resp: 71327

Ion Ratio Lower Upper

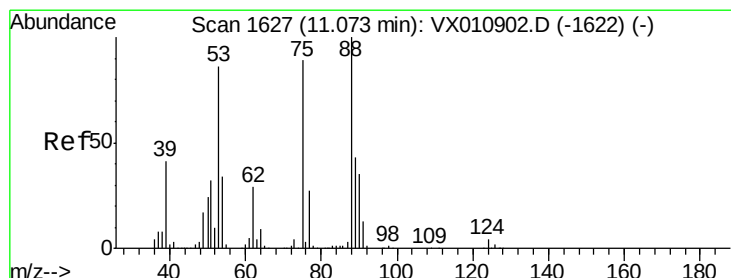
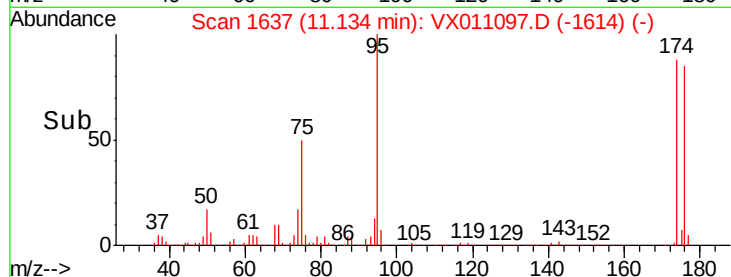
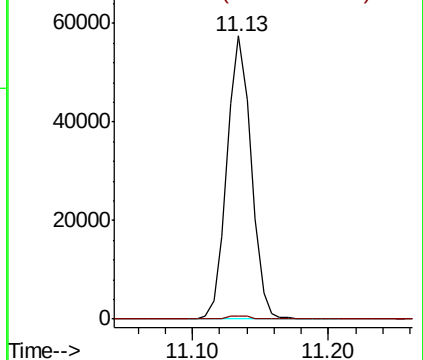
75 100

77 1.2 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 67.616 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011097.D

Acq: 26 Jul 2019 17:46

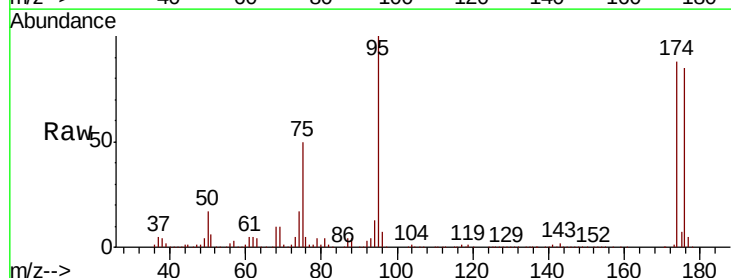
Tgt Ion: 75 Resp: 71327

Ion Ratio Lower Upper

75 100

53 0.1 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

