

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008787.D
 Acq On : 09 Apr 2019 21:38
 Operator : JC/SP
 Sample : K2338-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 10 06:41:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346871	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139032	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	142581	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
35) Dibromofluoromethane	5.50	113	104513	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
50) Toluene-d8	8.71	98	438350	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	152937	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	402	Below Cal	#	84
5) Bromomethane	1.65	94	171	1.988	ug/l #	60
6) Chloroethane	1.74	64	291	Below Cal	#	43
8) Diethyl Ether	2.19	74	394	0.232	ug/l	89
11) Tert butyl alcohol	3.04	59	628	0.884	ug/l #	79
13) Acrolein	2.29	56	147	0.417	ug/l #	1
14) Allyl chloride	2.85	41	12065	2.190	ug/l #	30
16) Acetone	2.44	43	15916	9.102	ug/l	95
17) Carbon Disulfide	2.57	76	378	Below Cal	#	63
18) Methyl Acetate	2.78	43	2419	0.570	ug/l #	88
20) Methylene Chloride	2.86	84	242653	82.905	ug/l	99
25) 2-Butanone	4.70	43	2650	0.959	ug/l	91
28) Bromochloromethane	5.04	49	61	Below Cal	#	22
29) Tetrahydrofuran	5.15	42	1656	0.903	ug/l #	91
30) Chloroform	5.21	83	1348	0.287	ug/l #	69
31) Cyclohexane	5.66	56	4904	0.935	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	17077	4.504	ug/l #	51
38) Carbon Tetrachloride	5.66	117	20065	6.394	ug/l #	17
43) Isopropyl Acetate	6.45	43	12541	1.582	ug/l	97
48) Methyl methacrylate	7.68	41	7360	1.835	ug/l #	18
49) 1,4-Dioxane	7.88	88	216	2.875	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	87805	17.204	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	38323	8.492	ug/l #	57
57) 1,3-Dichloropropane	9.54	76	8669	1.806	ug/l #	43
59) 2-Hexanone	9.54	43	134374	33.879	ug/l #	53
74) N-amyl acetate	10.69	43	14079	2.077	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	77128	20.194	ug/l #	33
80) 1,3,5-Trimethylbenzene	11.51	105	5684	0.588	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	77128	55.666	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	11540	1.178	ug/l	97
90) Hexachloroethane	12.58	117	335	0.204	ug/l #	9
95) Naphthalene	13.83	128	6977	0.610	ug/l	97

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QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

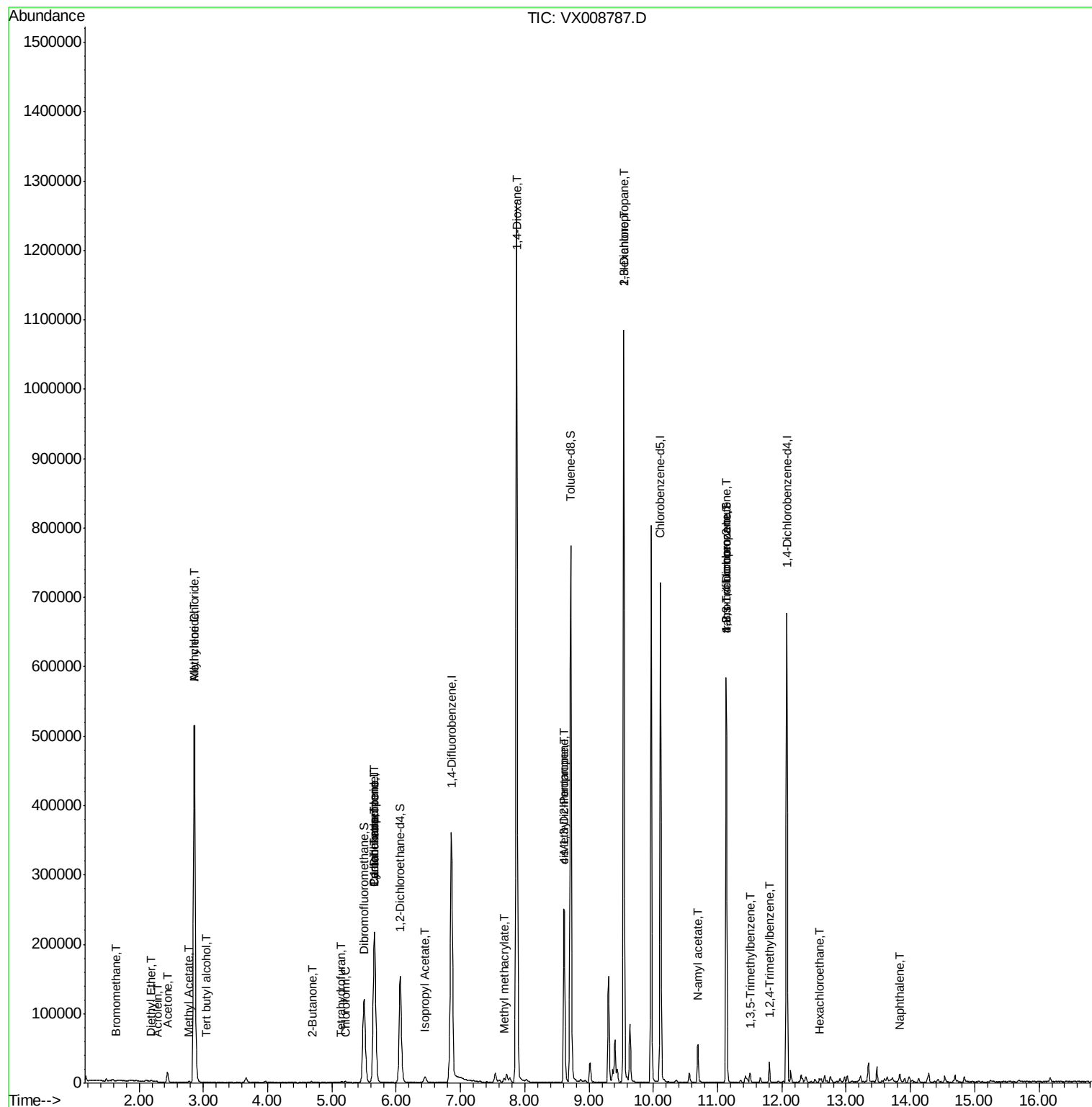
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

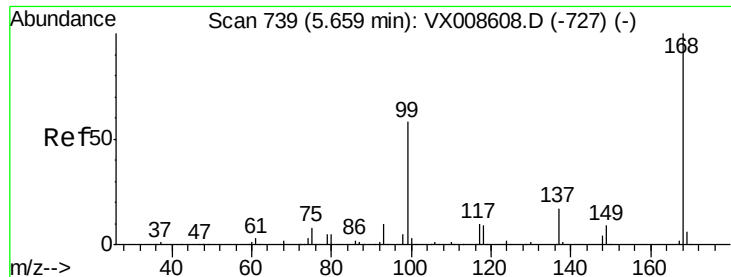
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

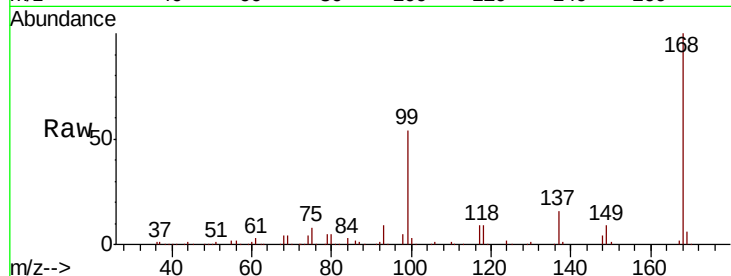
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 208141

Ion Ratio Lower Upper

168 100

99 54.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

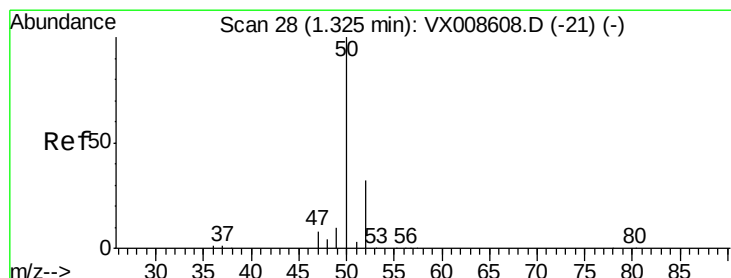
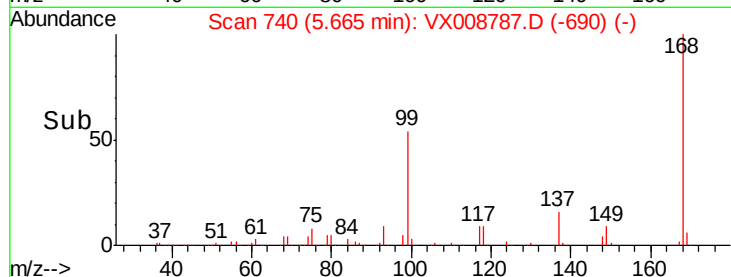
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX008787.D

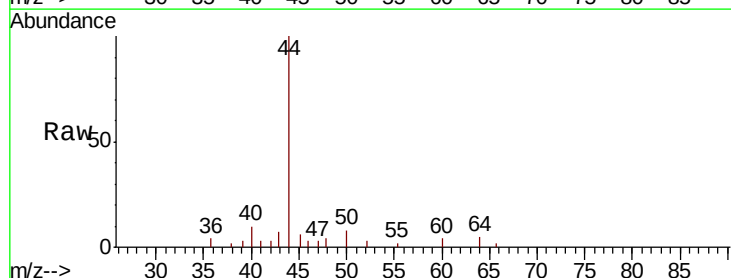
Acq: 09 Apr 2019 21:38

Tgt Ion: 50 Resp: 402

Ion Ratio Lower Upper

50 100

52 41.1 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

200

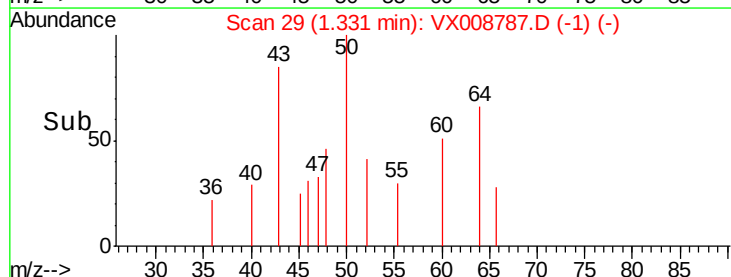
150

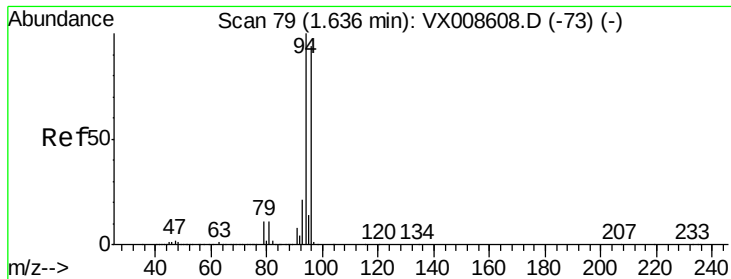
100

50

0

Time--> 1.25 1.30 1.35 1.40





#5

Bromomethane

Concen: 1.988 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

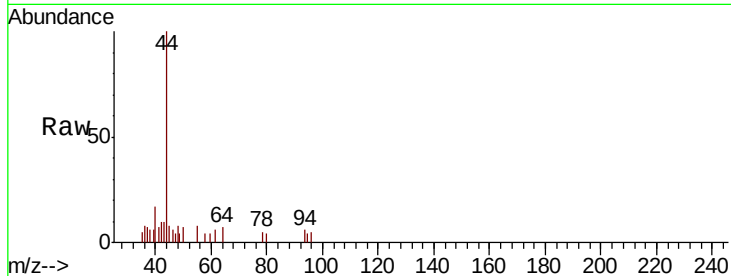
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 171

Ion Ratio Lower Upper

94 100

96 55.4 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

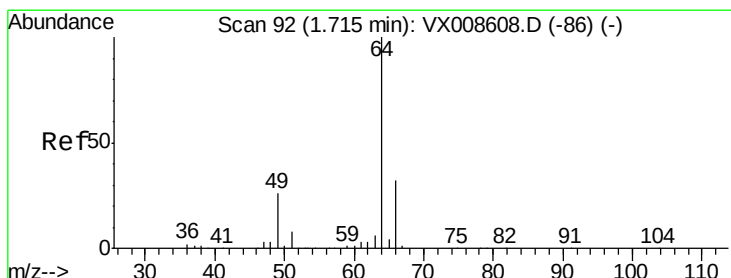
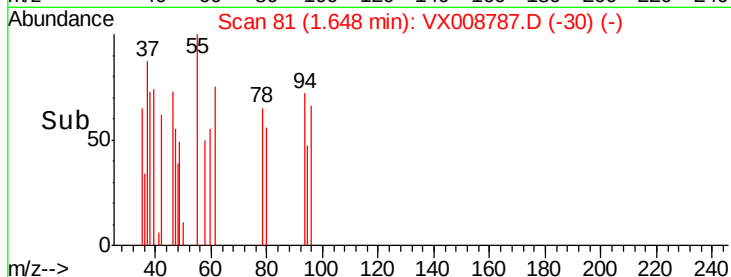
100

50

0

1.62 1.64 1.66 1.68

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.74 min Scan# 96

Delta R.T. 0.03 min

Lab File: VX008787.D

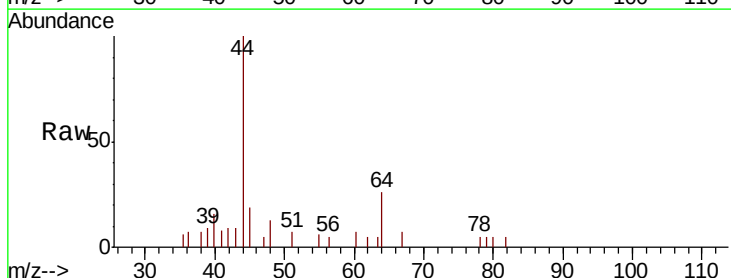
Acq: 09 Apr 2019 21:38

Tgt Ion: 64 Resp: 291

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

400

300

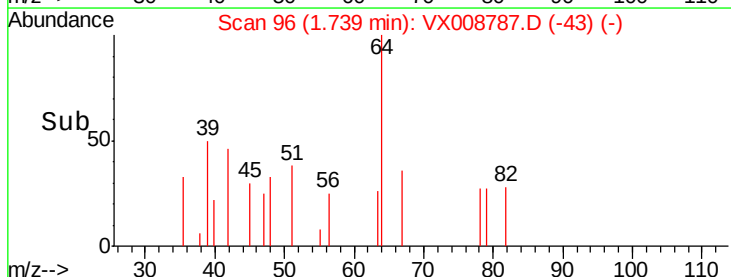
200

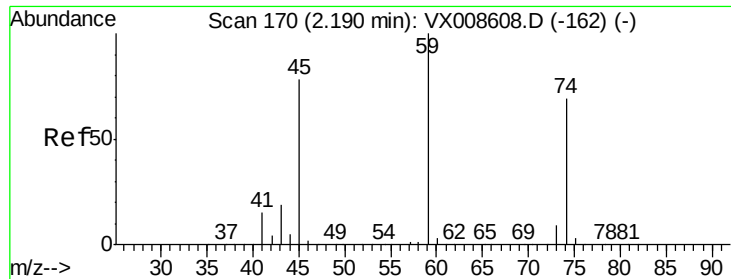
100

0

1.70 1.75

Time-->





#8

Diethyl Ether

Concen: 0.232 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

Instrument :

MSVOA_X

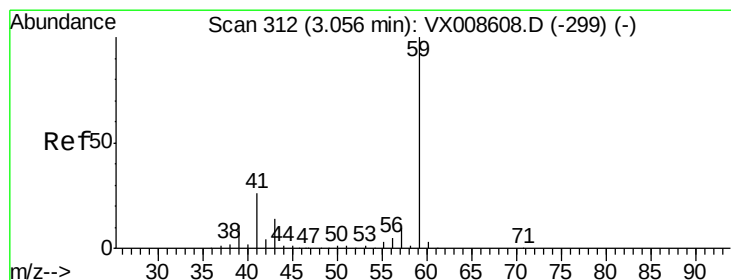
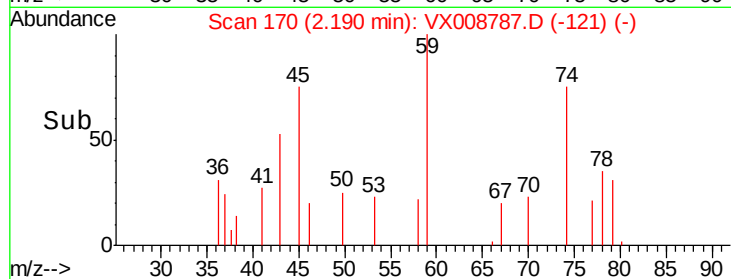
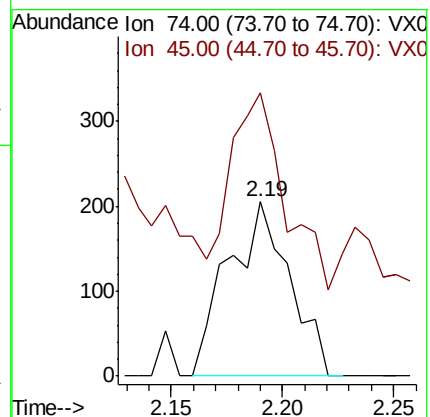
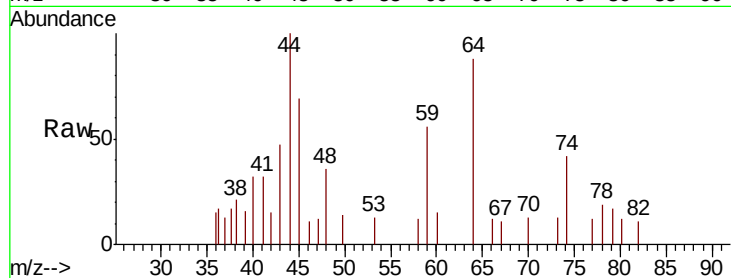
ClientSampled :

Tot Ion: 74 Resp: 394

Ion Ratio Lower Upper

74 100

45 101.5 56.5 169.5



#11

Tert butyl alcohol

Concen: 0.884 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX008787.D

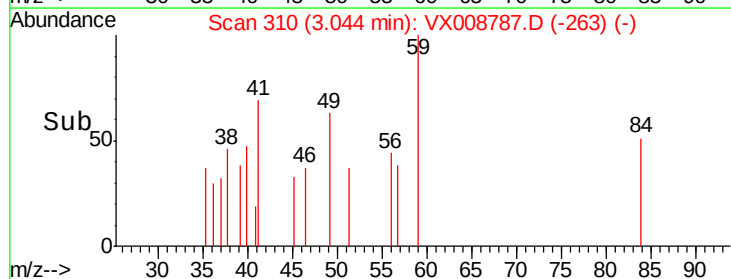
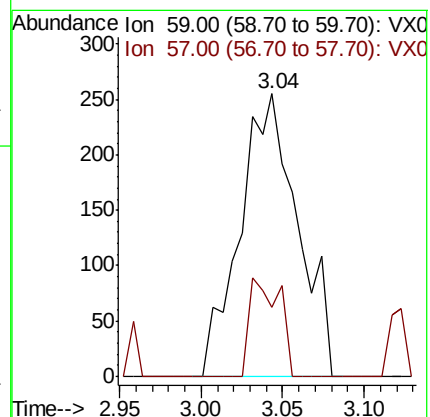
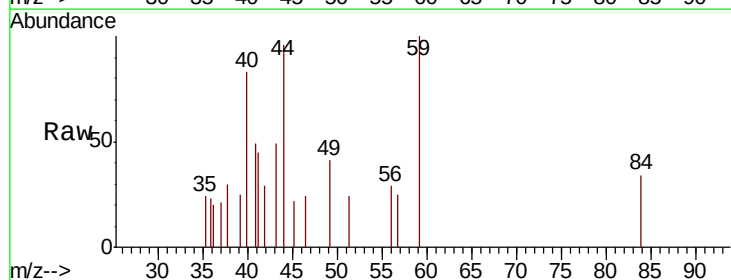
Acq: 09 Apr 2019 21:38

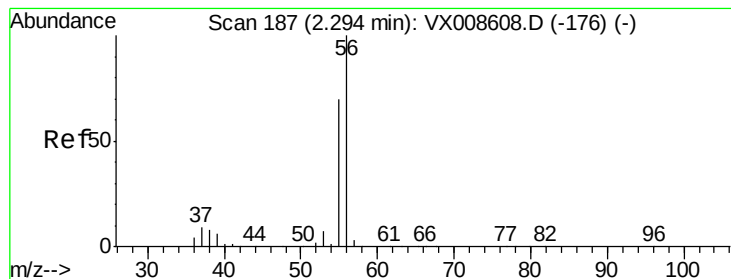
Tgt Ion: 59 Resp: 628

Ion Ratio Lower Upper

59 100

57 18.2 8.3 12.5#





#13

Acrolein

Concen: 0.417 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

Instrument :

MSVOA_X

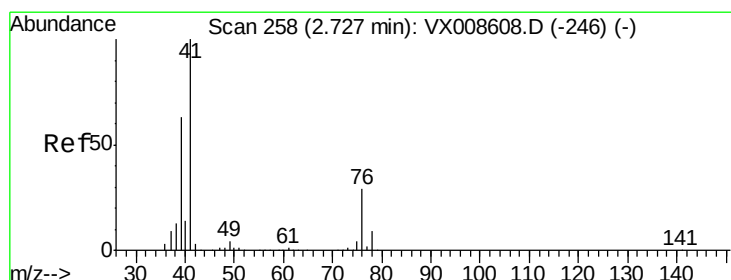
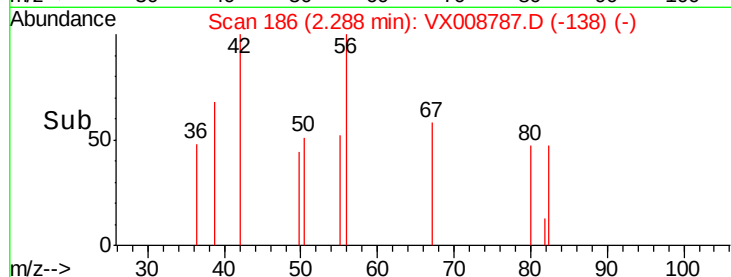
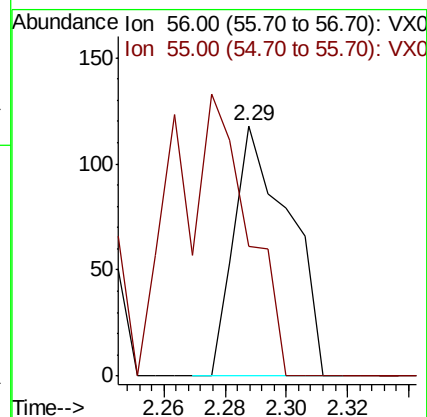
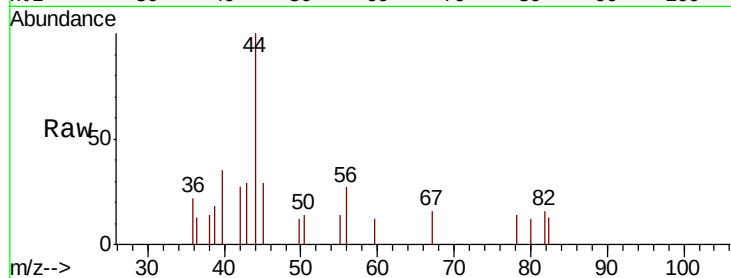
ClientSampled :

Tot Ion: 56 Resp: 147

Ion Ratio Lower Upper

56 100

55 166.0 58.0 87.0#



#14

Allyl chloride

Concen: 2.190 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.13 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

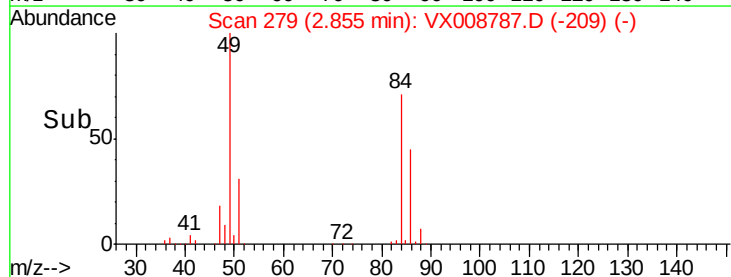
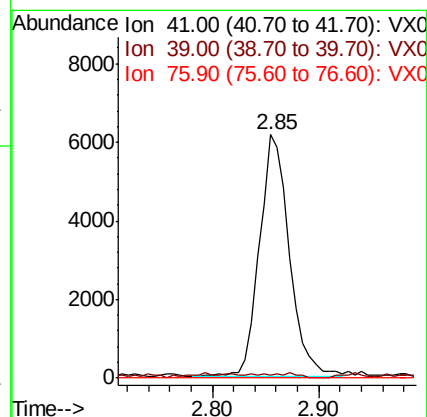
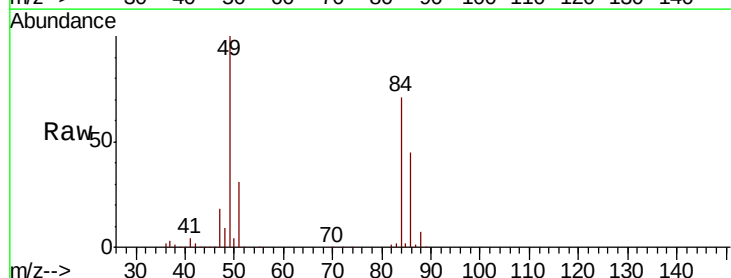
Tgt Ion: 41 Resp: 12065

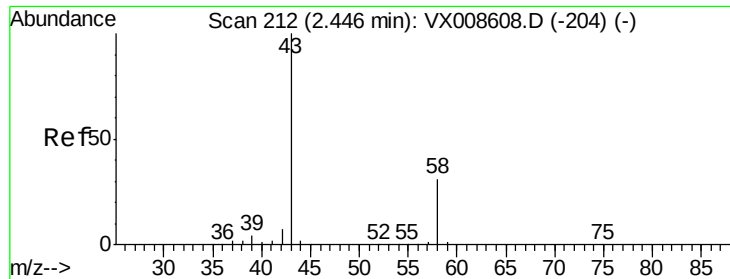
Ion Ratio Lower Upper

41 100

39 1.2 48.0 72.0#

76 0.0 22.0 33.0#





#16

Acetone

Concen: 9.102 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

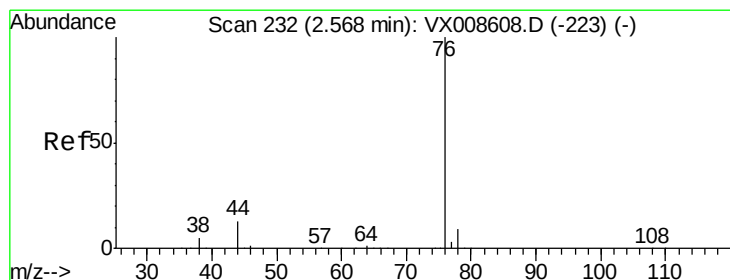
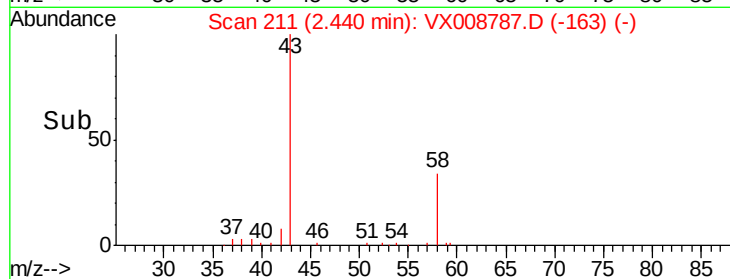
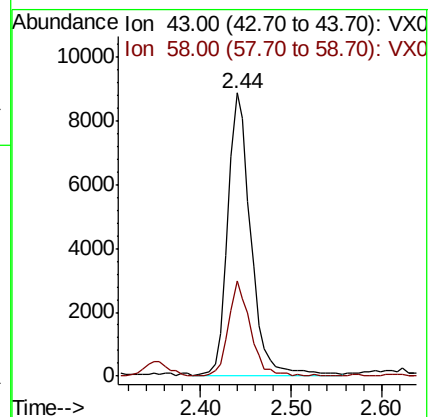
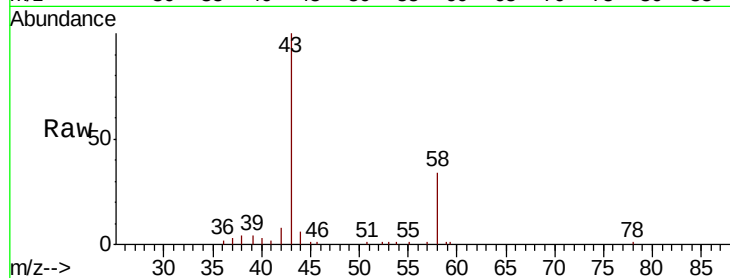
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 15916

Ion Ratio Lower Upper

43 100

58 33.5 24.8 37.2



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008787.D

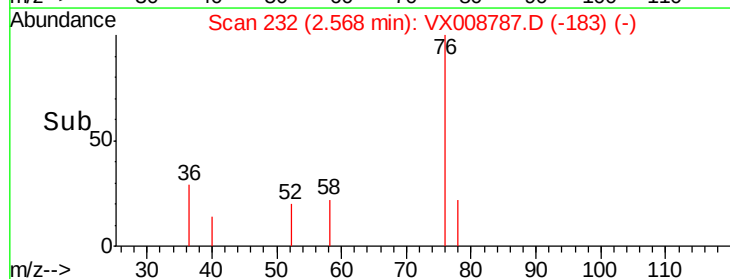
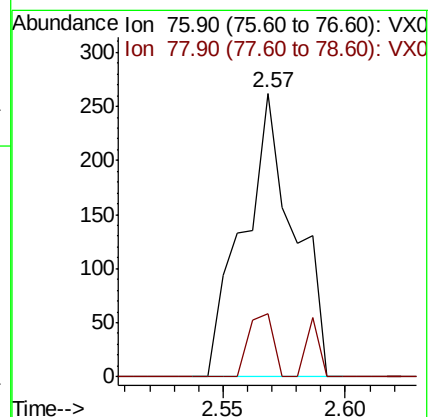
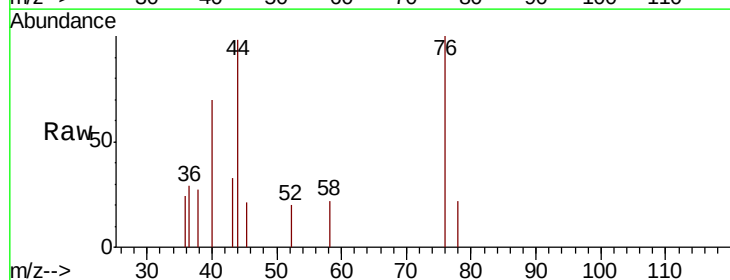
Acq: 09 Apr 2019 21:38

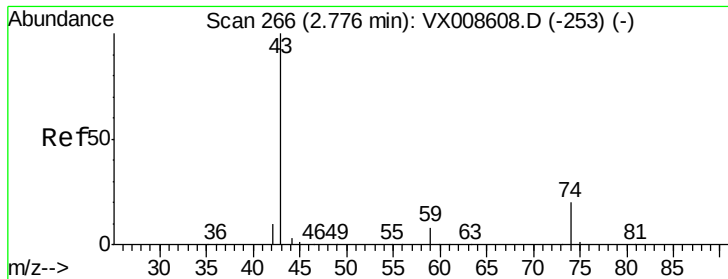
Tgt Ion: 76 Resp: 378

Ion Ratio Lower Upper

76 100

78 22.1 7.1 10.7#

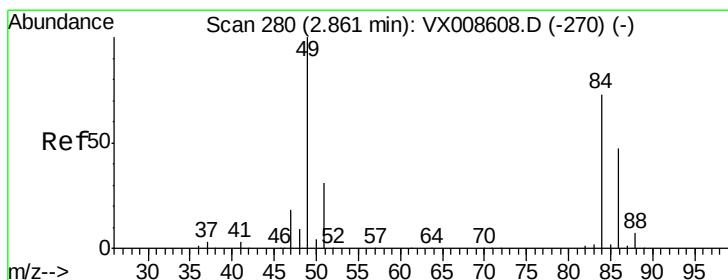
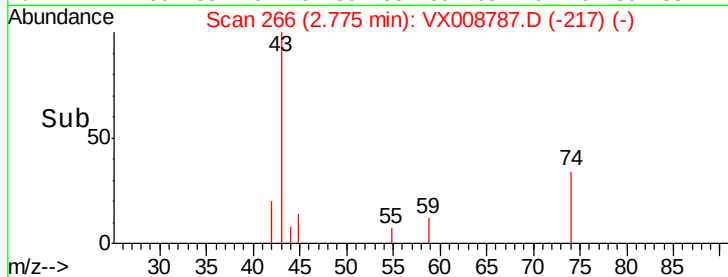
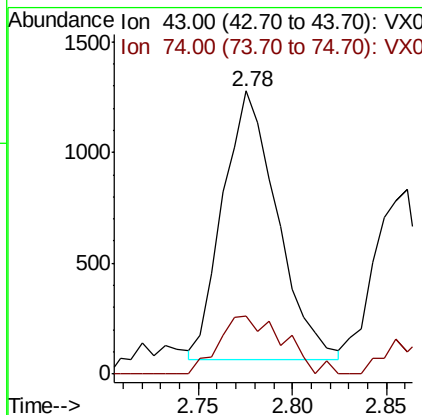
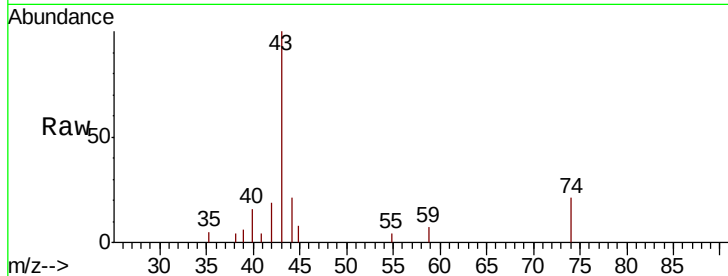




#18
Methvl Acetate
Concen: 0.570 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008787.D
Acq: 09 Apr 2019 21:38

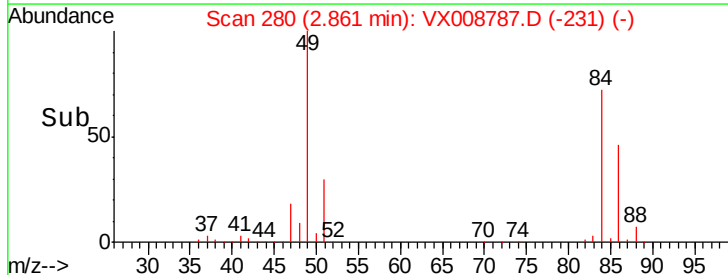
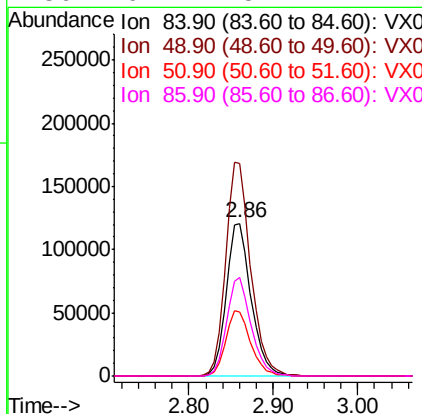
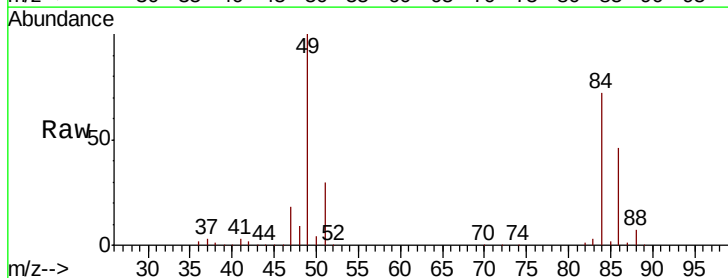
Instrument :
MSVOA_X
ClientSampled :

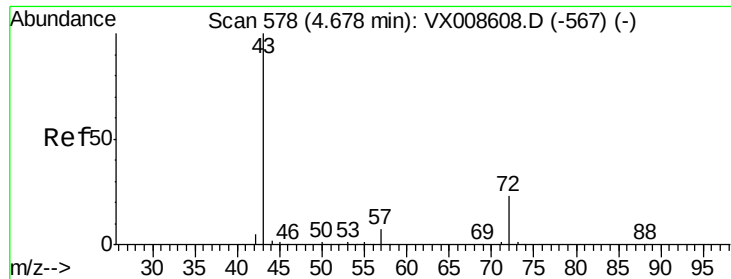
Tot Ion: 43 Resp: 2419
Ion Ratio Lower Upper
43 100
74 26.1 16.5 24.7#



#20
Methylene Chloride
Concen: 82.905 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008787.D
Acq: 09 Apr 2019 21:38

Tgt Ion: 84 Resp: 242653
Ion Ratio Lower Upper
84 100
49 139.3 109.7 164.5
51 42.5 33.6 50.4
86 64.7 51.4 77.2





#25

2-Butanone

Concen: 0.959 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

Instrument :

MSVOA_X

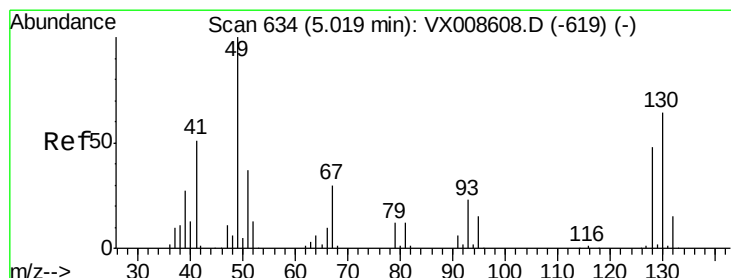
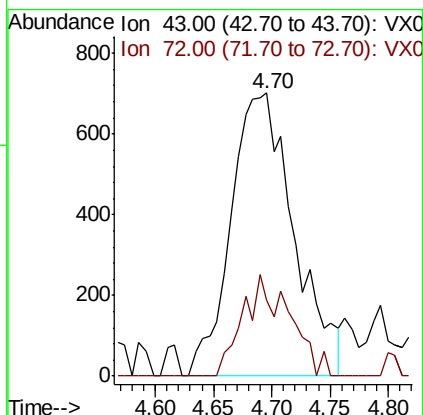
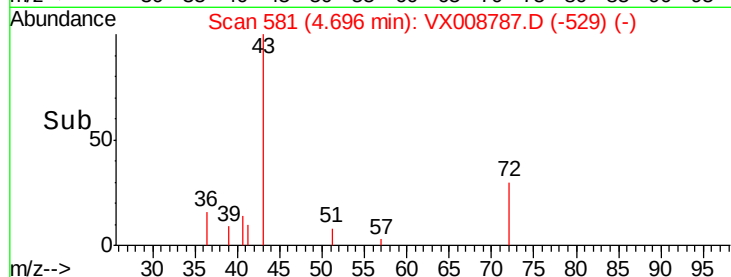
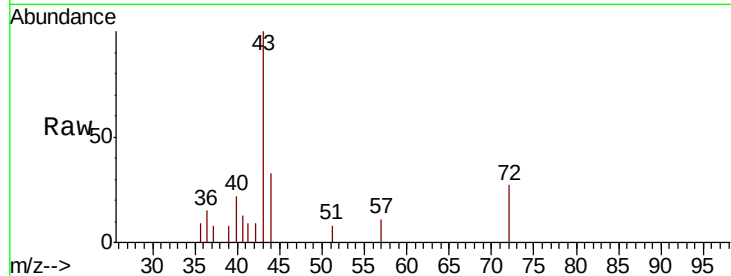
ClientSampleId :

Tot Ion: 43 Resp: 2650

Ion Ratio Lower Upper

43 100

72 27.1 18.2 27.4



#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 637

Delta R.T. 0.02 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

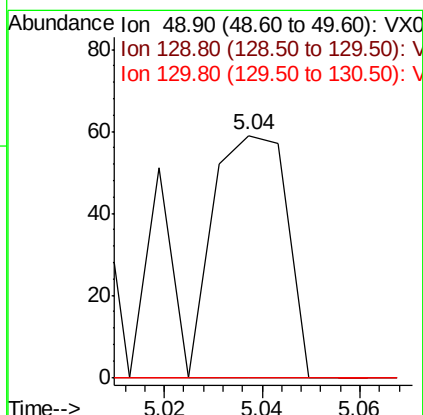
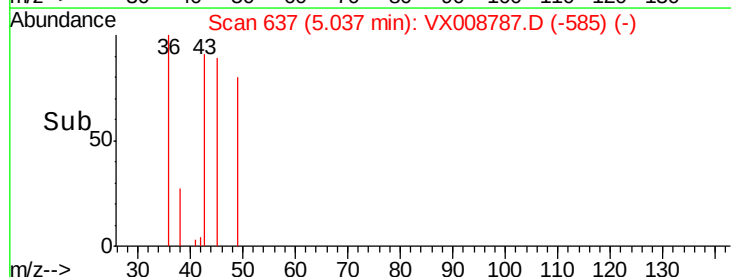
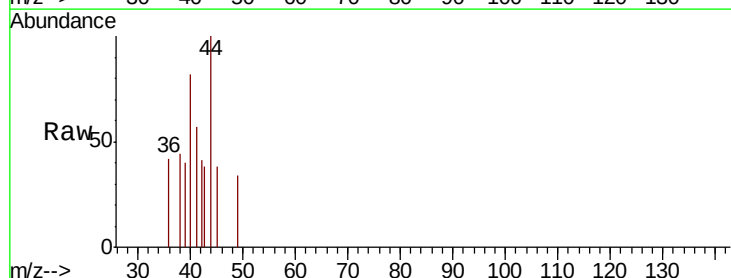
Tgt Ion: 49 Resp: 61

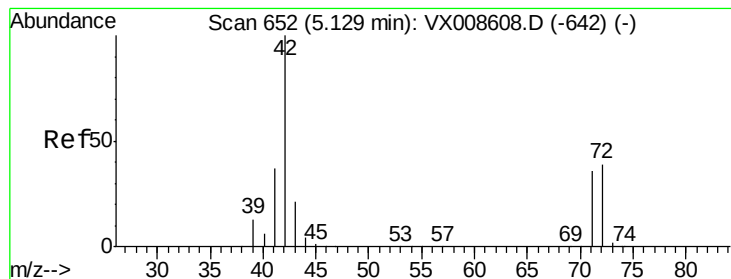
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 0.0 49.3 73.9#





#29

Tetrahydrofuran

Concen: 0.903 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

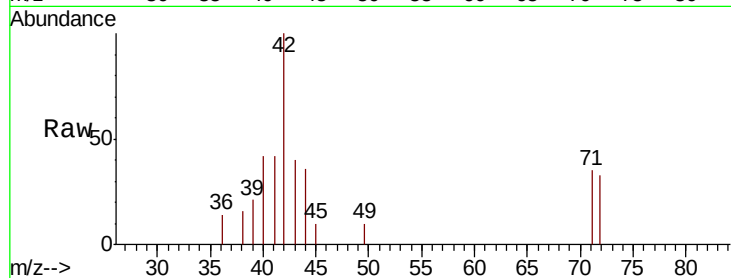
Tot Ion: 42 Resp: 1656

Ion Ratio Lower Upper

42 100

72 34.5 30.5 45.7

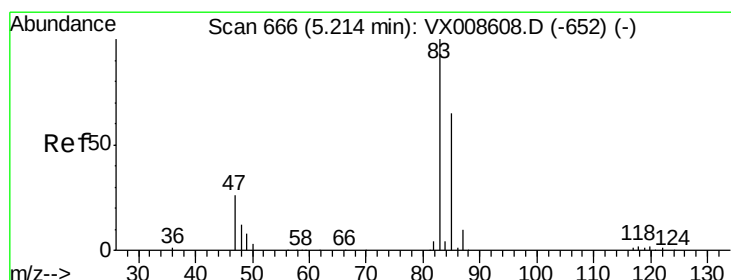
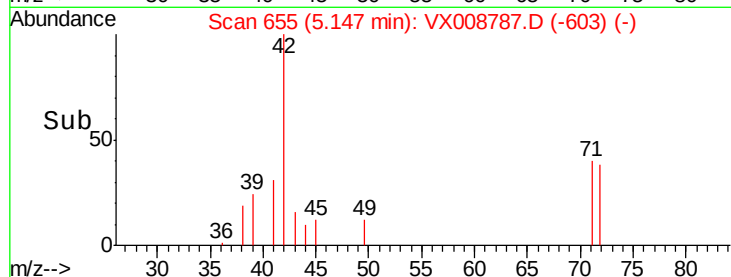
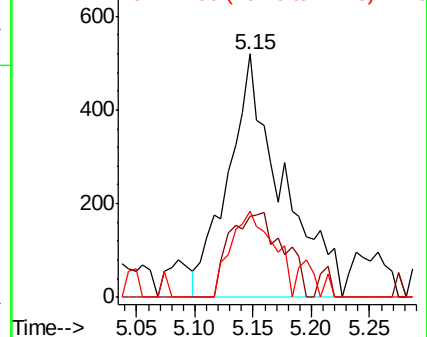
71 28.0 28.6 43.0#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.287 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008787.D

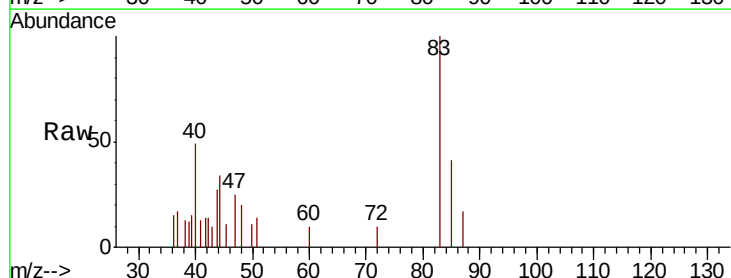
Acq: 09 Apr 2019 21:38

Tgt Ion: 83 Resp: 1348

Ion Ratio Lower Upper

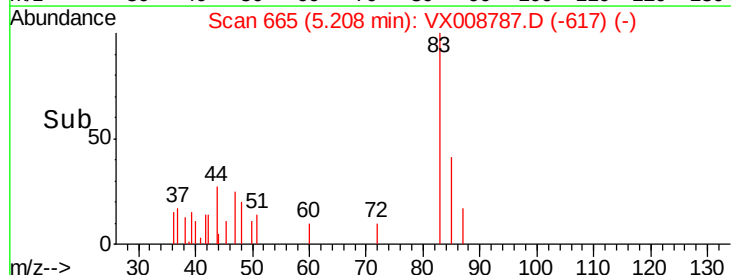
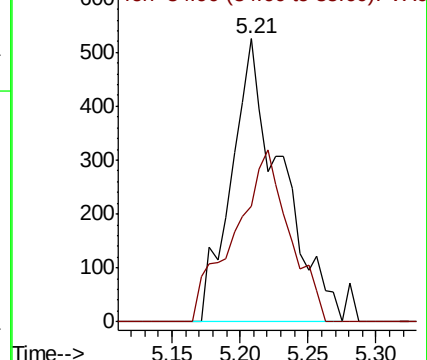
83 100

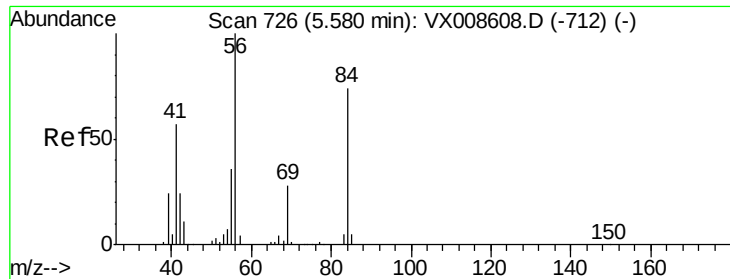
85 40.8 52.1 78.1#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

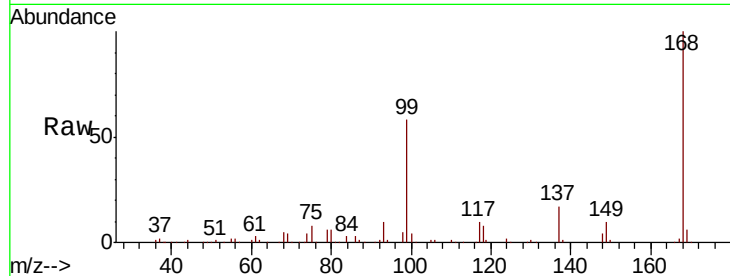




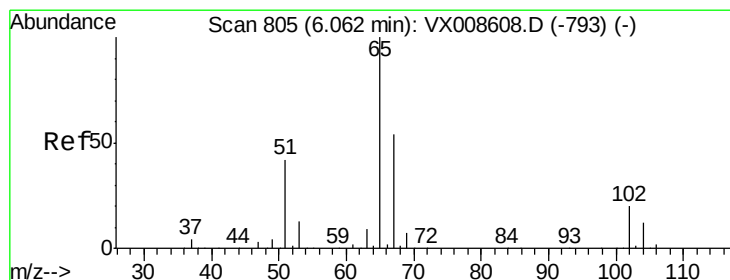
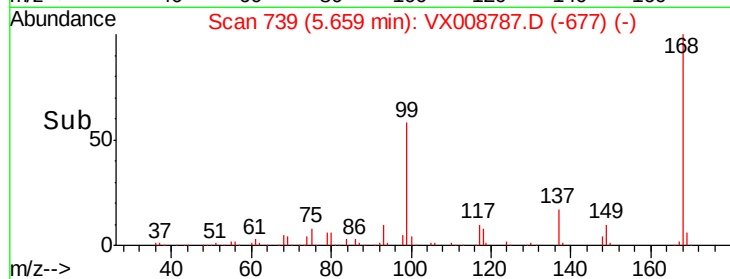
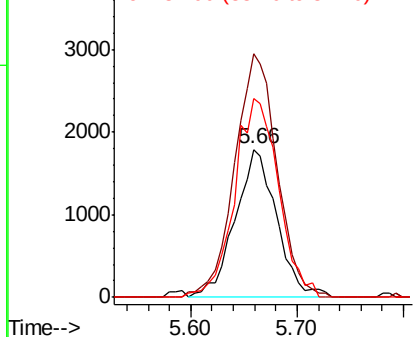
#31
Cyclohexane
Concen: 0.935 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008787.D
Acq: 09 Apr 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 4904
Ion Ratio Lower Upper
56 100
69 164.6 22.6 33.8#
84 134.1 59.3 88.9#

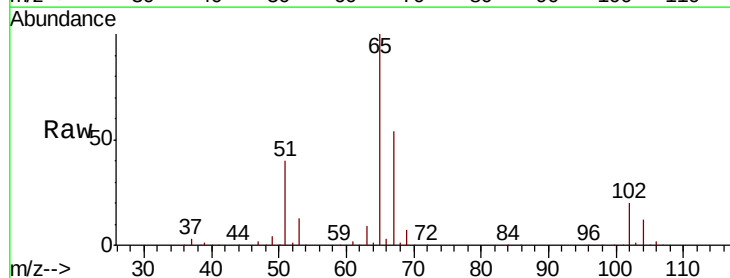


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

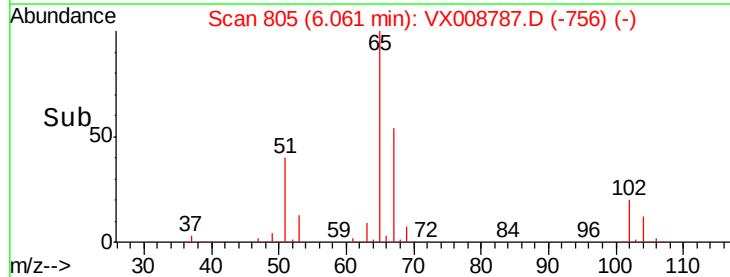
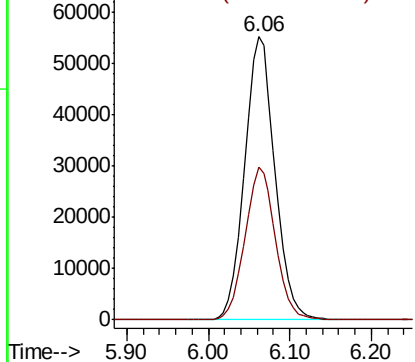


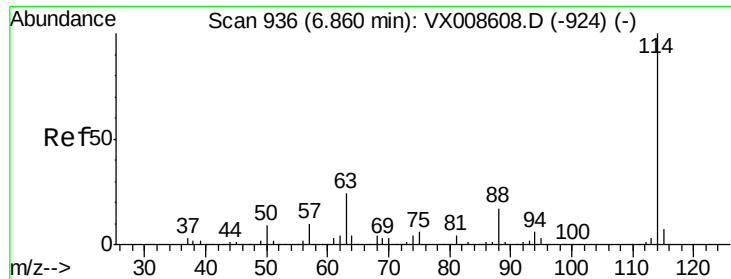
#33
1,2-Dichloroethane-d4
Concen: 46.966 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008787.D
Acq: 09 Apr 2019 21:38

Tgt Ion: 65 Resp: 142581
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.2



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: VX008787.D

Acq: 09 Apr 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

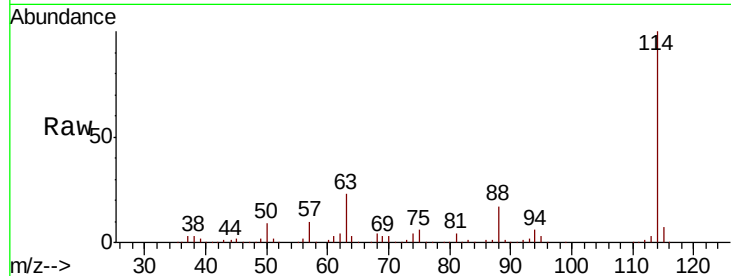
Tot Ion:114 Resp: 346871

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.2

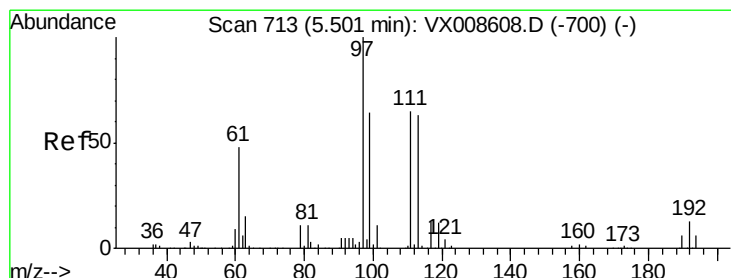
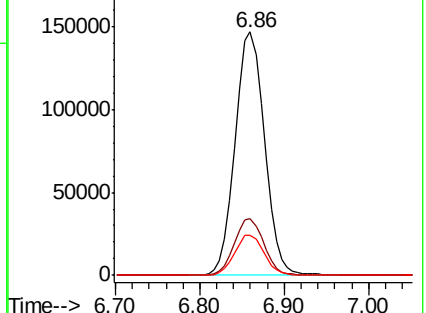
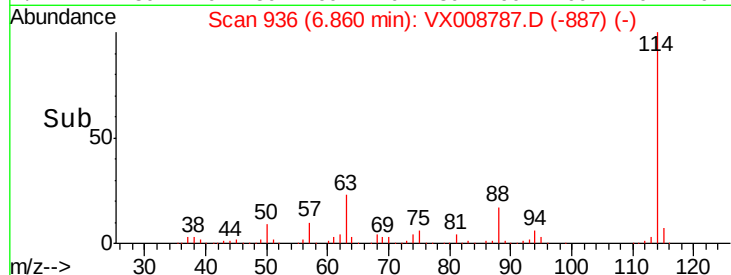
88 16.6 0.0 34.0



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: 47.125 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

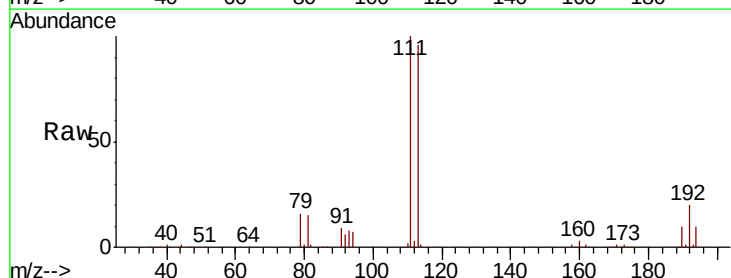
Tgt Ion:113 Resp: 104513

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

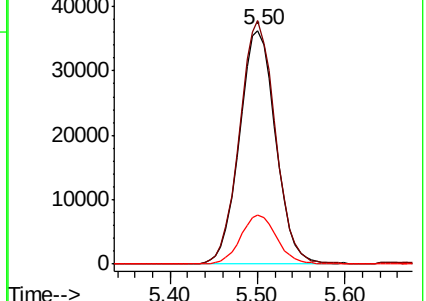
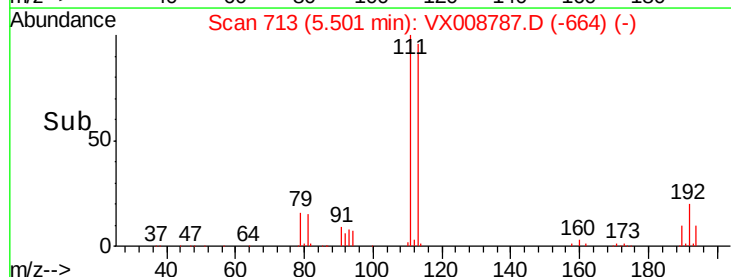
192 21.0 16.1 24.1

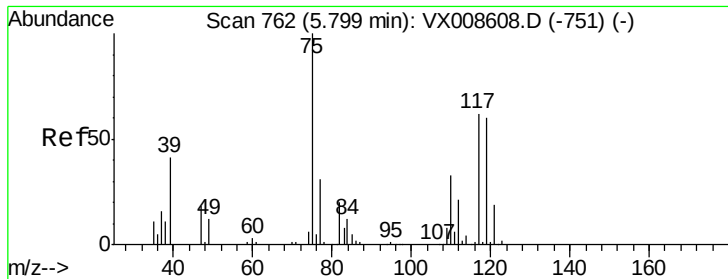


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

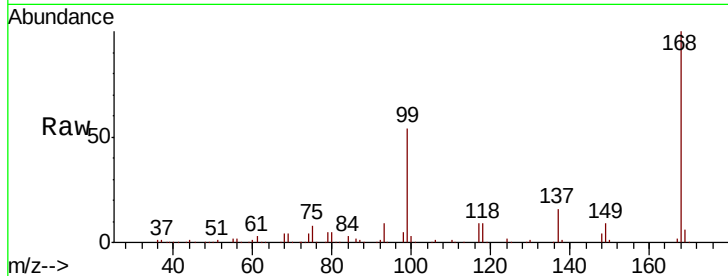




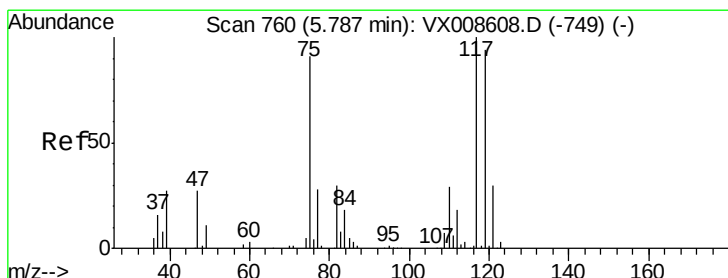
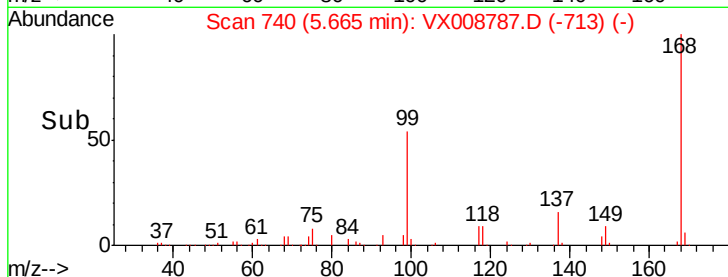
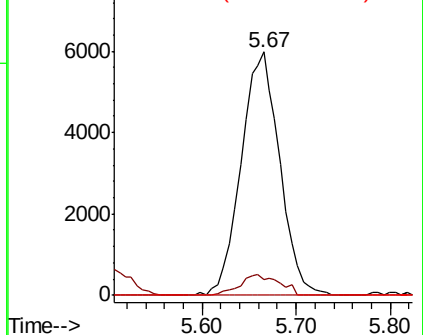
#36
 1,1-Dichloropropene
 Concen: 4.504 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX008787.D
 Acq: 09 Apr 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.4	49.2#
77	0.0	24.7	37.1#

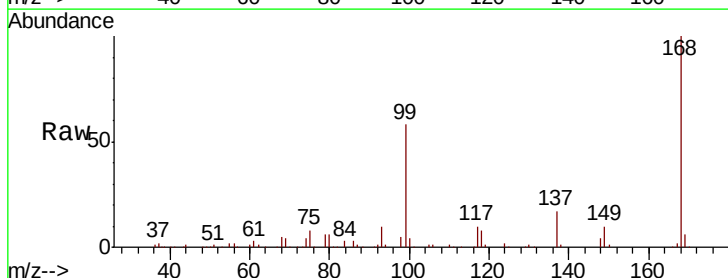


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

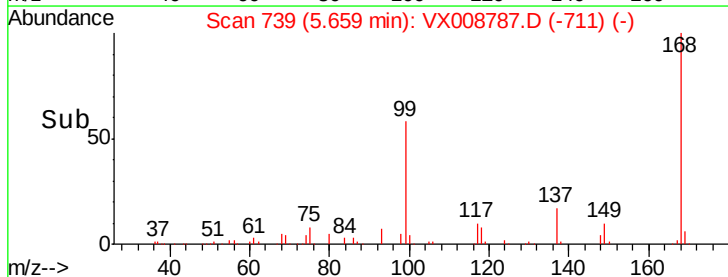
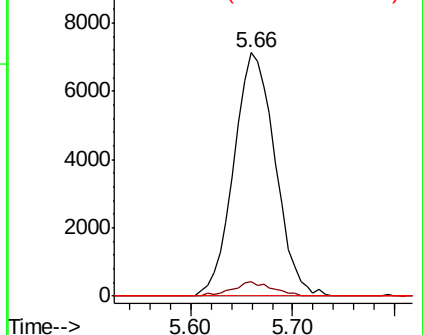


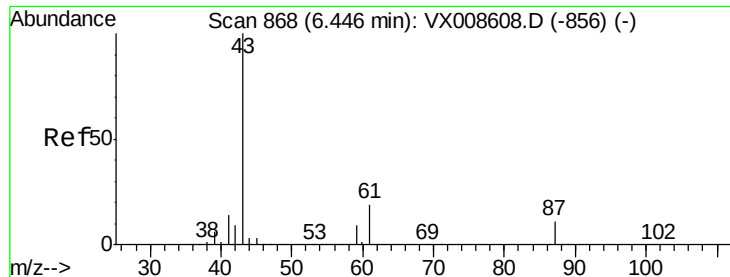
#38
 Carbon Tetrachloride
 Concen: 6.394 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX008787.D
 Acq: 09 Apr 2019 21:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.0	112.6#
121	0.0	24.3	36.5#



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: 1.582 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

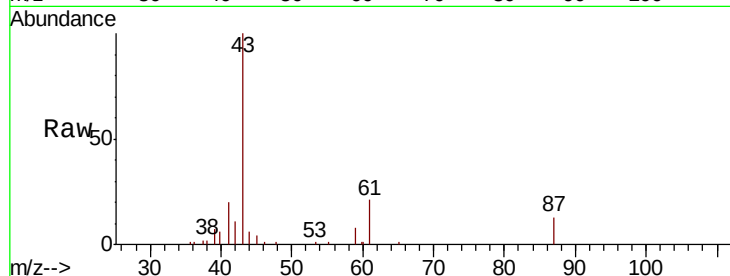
Tot Ion: 43 Resp: 12541

Ion Ratio Lower Upper

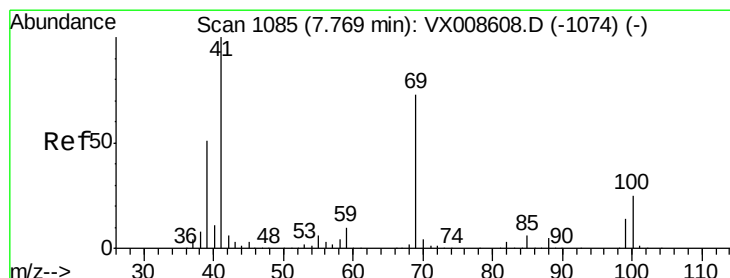
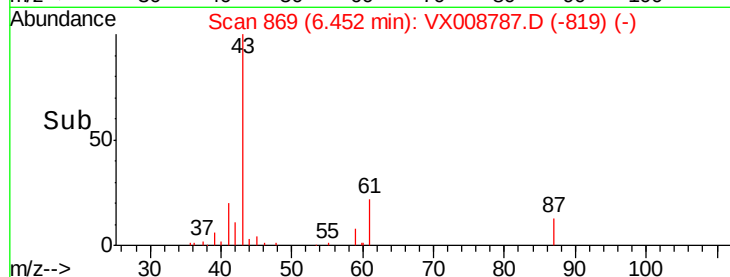
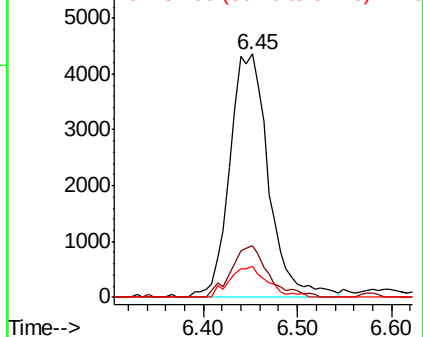
43 100

61 20.3 15.3 22.9

87 12.6 9.0 13.6



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: 1.835 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

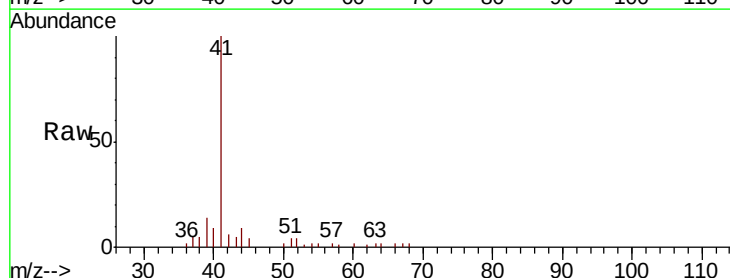
Tgt Ion: 41 Resp: 7360

Ion Ratio Lower Upper

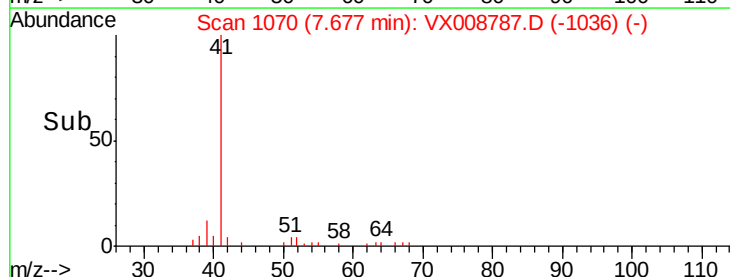
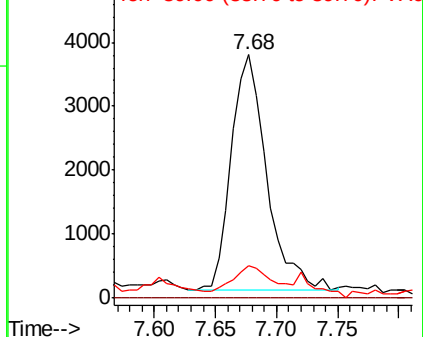
41 100

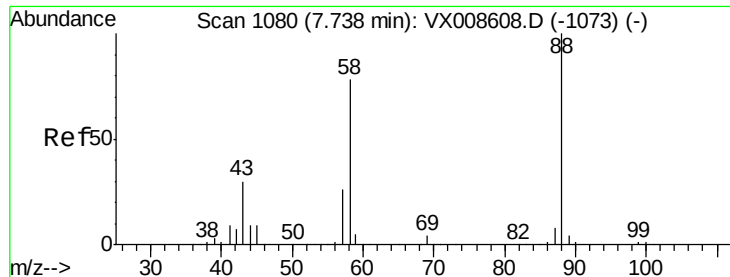
69 0.0 59.0 88.4#

39 0.0 41.0 61.4#



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: 2.875 ug/l

RT: 7.88 min Scan# 1104

Delta R.T. 0.15 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

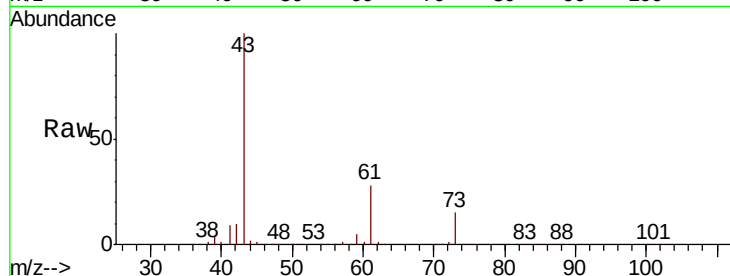
Tot Ion: 88 Resp: 216

Ion Ratio Lower Upper

88 100

43 555972.7 28.6 43.0#

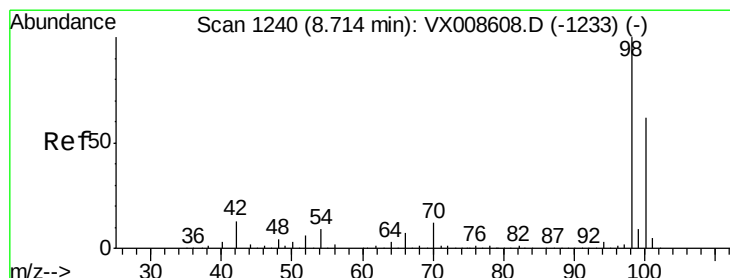
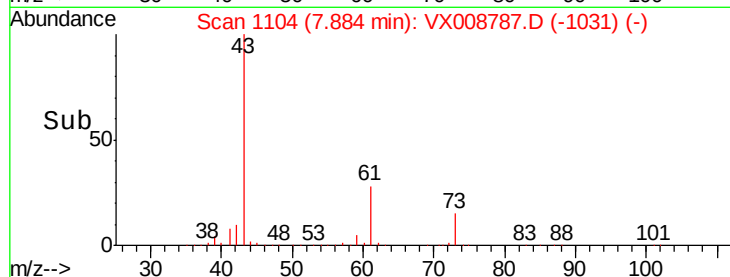
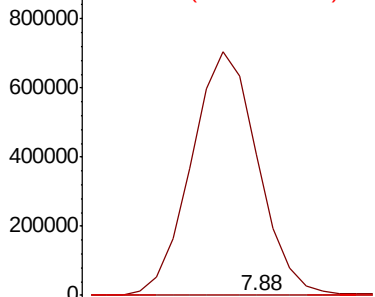
58 2093.1 62.2 93.2#



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: 49.640 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008787.D

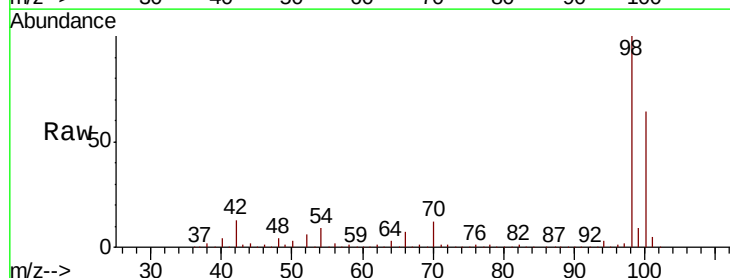
Acq: 09 Apr 2019 21:38

Tgt Ion: 98 Resp: 438350

Ion Ratio Lower Upper

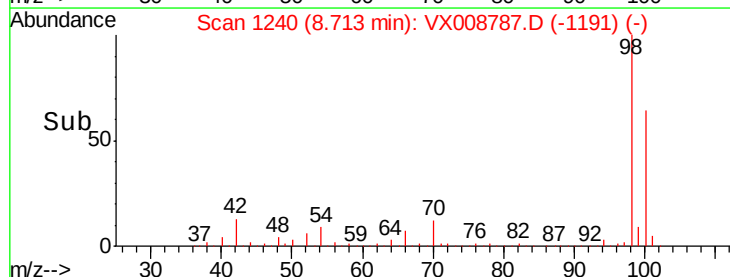
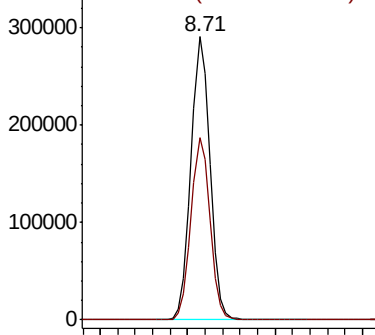
98 100

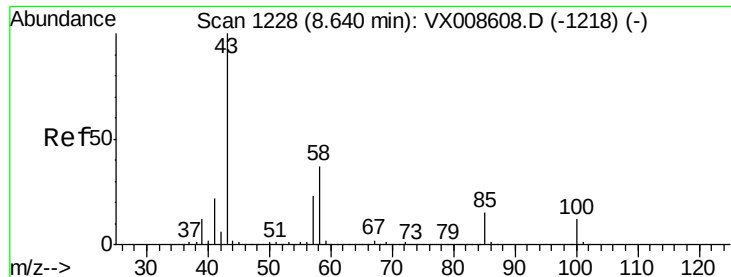
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

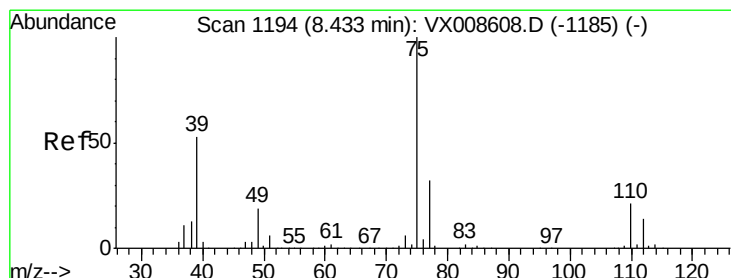
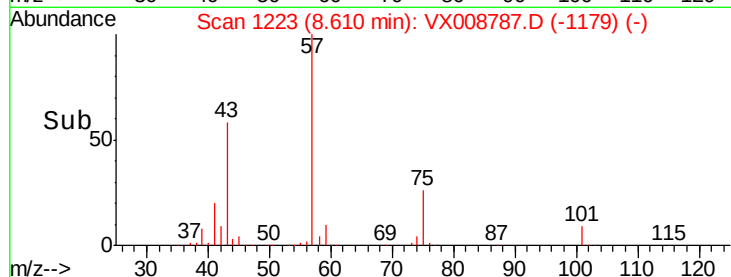
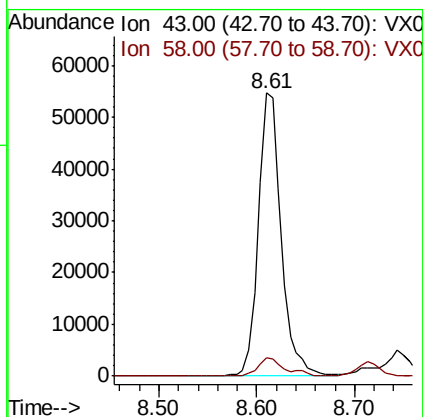
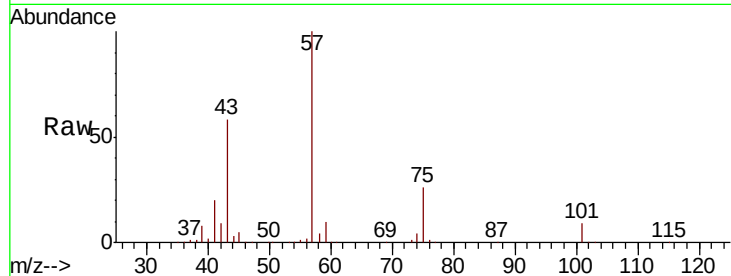




#51
 4-Methyl-2-Pentanone
 Concen: 17.204 ug/l
 RT: 8.61 min Scan# 1223
 Delta R.T. -0.03 min
 Lab File: VX008787.D
 Acq: 09 Apr 2019 21:38

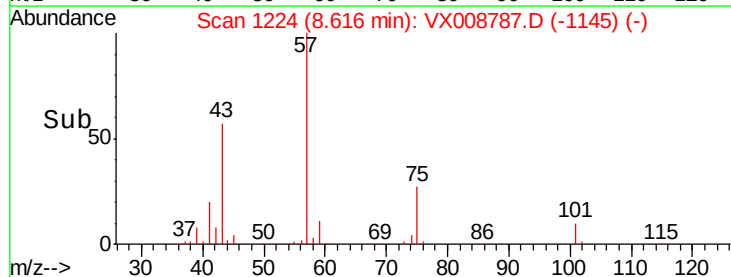
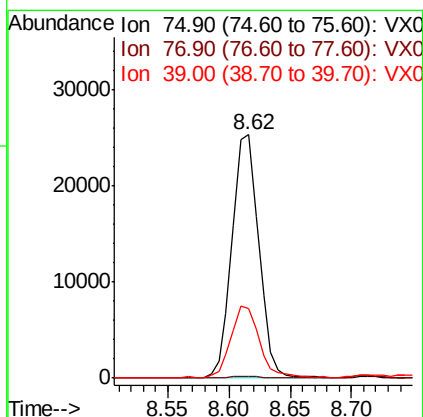
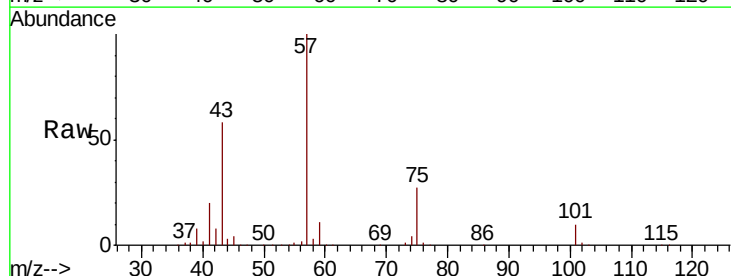
Instrument :
 MSVOA_X
 ClientSampleId :

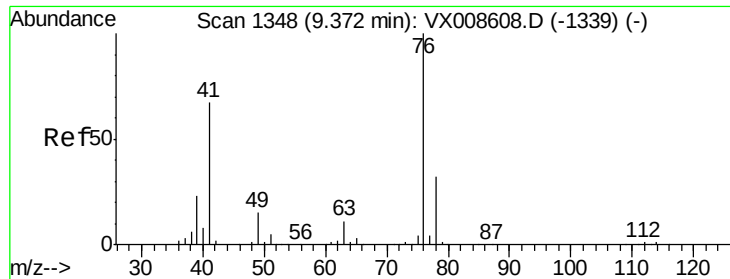
Tot Ion: 43 Resp: 87805
 Ion Ratio Lower Upper
 43 100
 58 7.9 29.5 44.3#



#54
 cis-1,3-Dichloropropene
 Concen: 8.492 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. 0.18 min
 Lab File: VX008787.D
 Acq: 09 Apr 2019 21:38

Tgt Ion: 75 Resp: 38323
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.3 37.9#
 39 28.4 42.6 63.8#

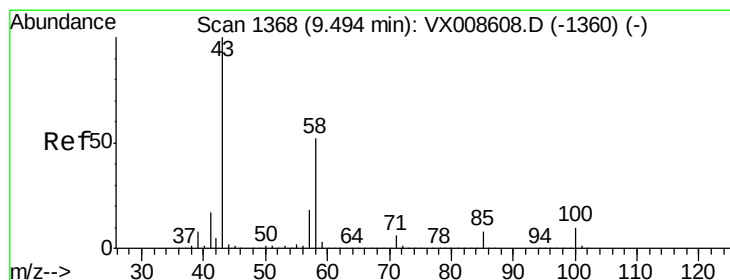
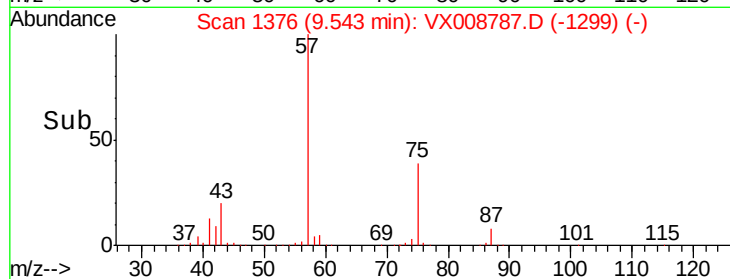
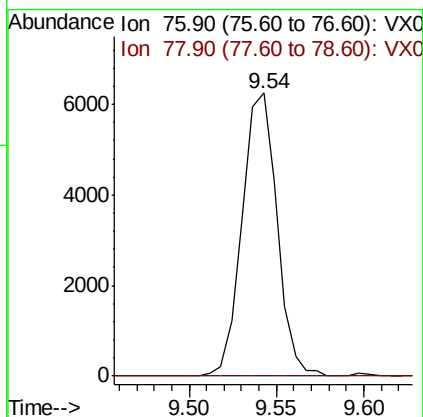
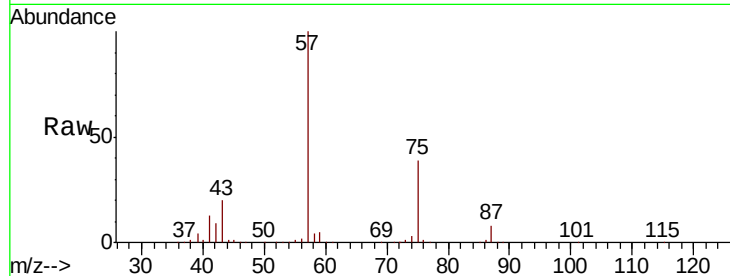




#57
 1,3-Dichloropropane
 Concen: 1.806 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.17 min
 Lab File: VX008787.D
 Acq: 09 Apr 2019 21:38

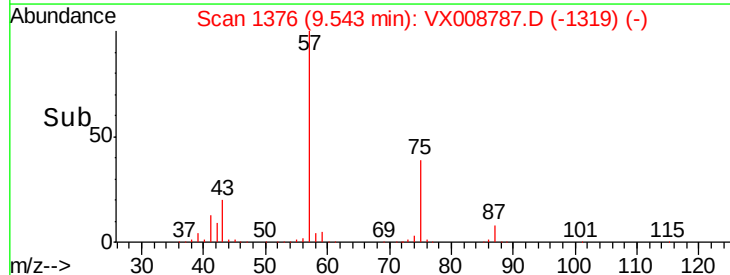
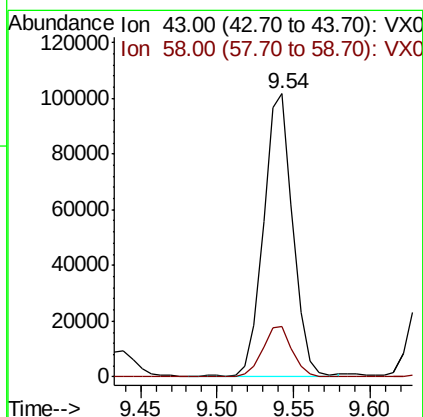
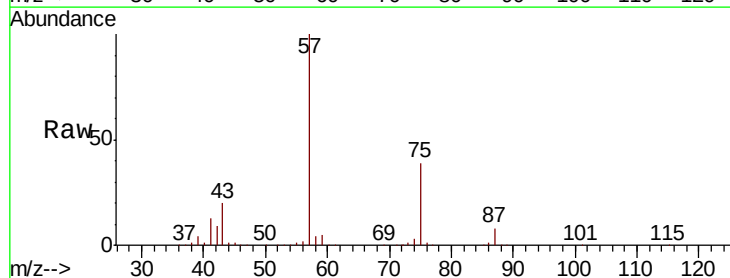
Instrument :
 MSVOA_X
 ClientSampleId :

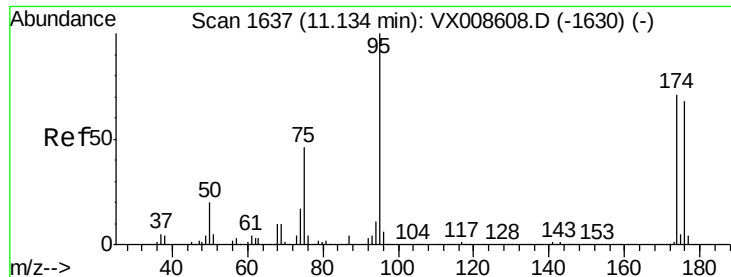
Tot Ion: 76 Resp: 8669
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 33.879 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.05 min
 Lab File: VX008787.D
 Acq: 09 Apr 2019 21:38

Tgt Ion: 43 Resp: 134374
 Ion Ratio Lower Upper
 43 100
 58 18.6 25.9 77.7#





#62

4-Bromofluorobenzene

Concen: 48.839 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

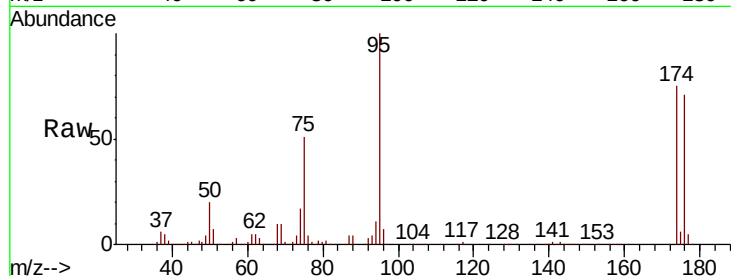
Tot Ion: 95 Resp: 152937

Ion Ratio Lower Upper

95 100

174 78.5 0.0 151.8

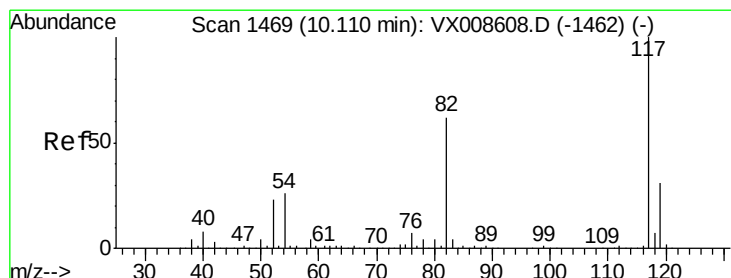
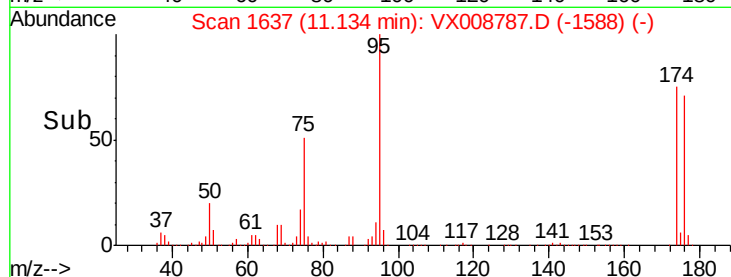
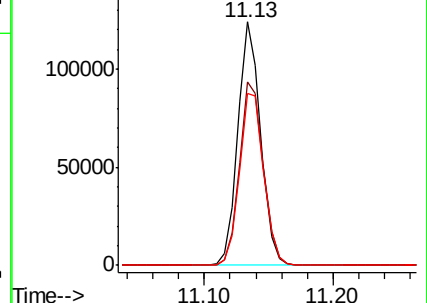
176 75.2 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008608.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008608.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008608.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

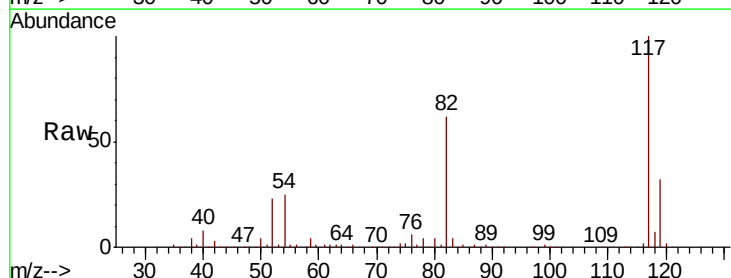
Tgt Ion: 117 Resp: 307400

Ion Ratio Lower Upper

117 100

82 61.8 49.6 74.4

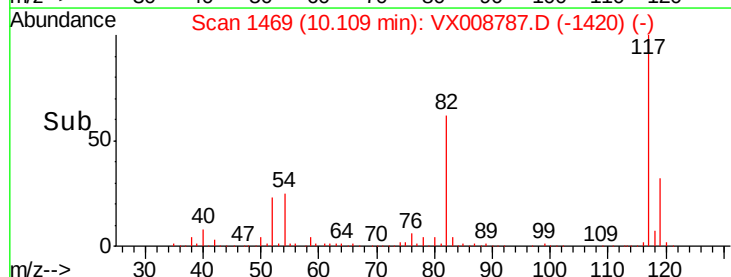
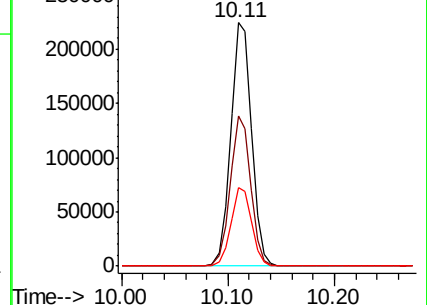
119 32.1 25.0 37.4

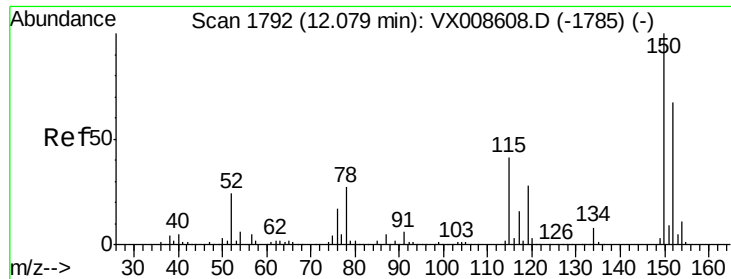


Abundance Ion 116.90 (116.60 to 117.60): VX008608.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008608.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008608.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

Instrument :

MSVOA_X

ClientSampled :

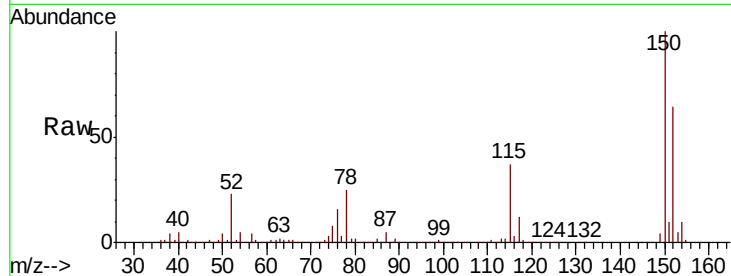
Tot Ion:152 Resp: 139032

Ion Ratio Lower Upper

152 100

115 60.2 43.5 130.5

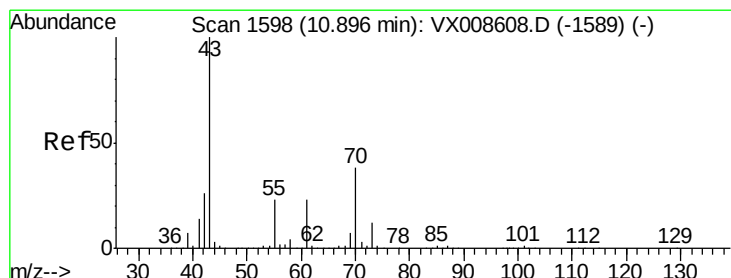
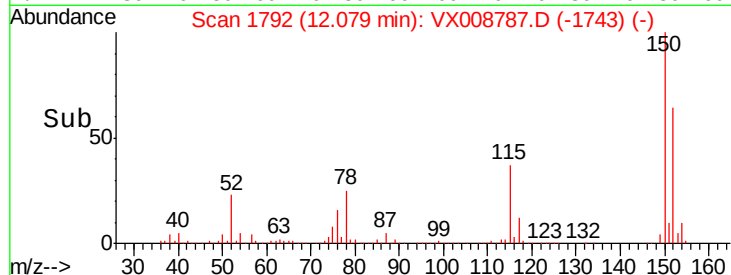
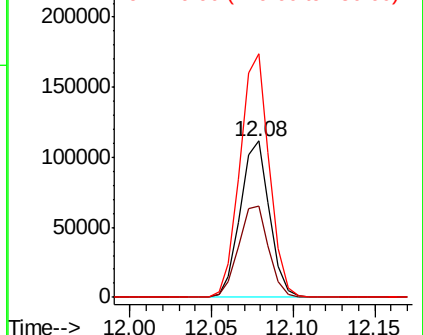
150 156.4 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-amyl acetate

Concen: 2.077 ug/l

RT: 10.69 min Scan# 1564

Delta R.T. -0.21 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

Tgt Ion: 43 Resp: 14079

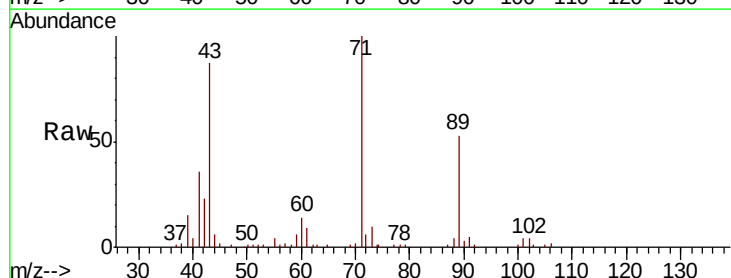
Ion Ratio Lower Upper

43 100

70 1.9 30.2 45.4#

55 5.9 18.2 27.4#

61 10.4 18.6 28.0#

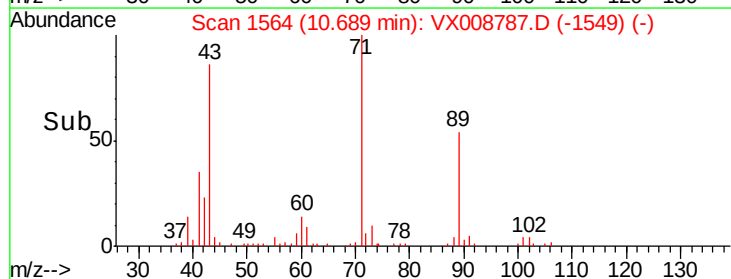
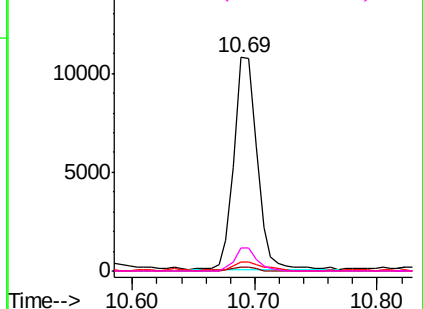


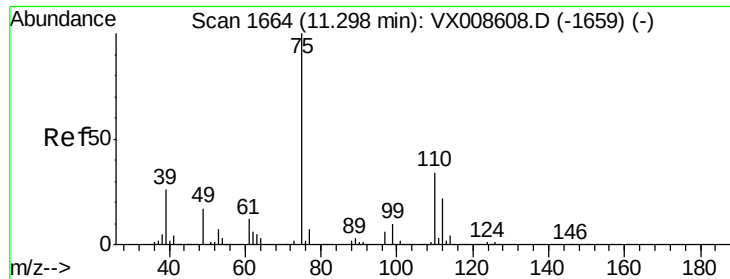
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

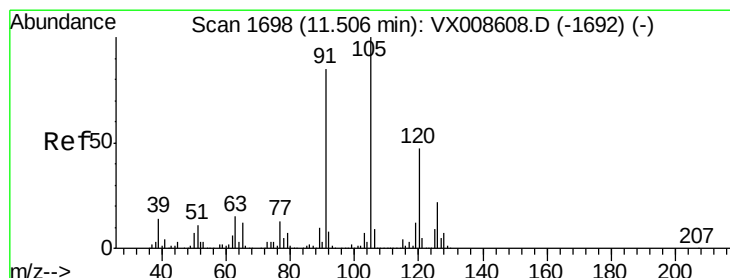
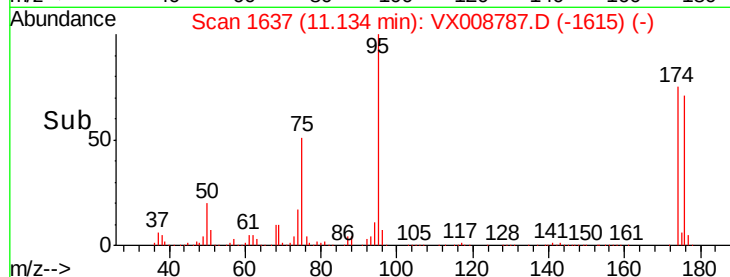
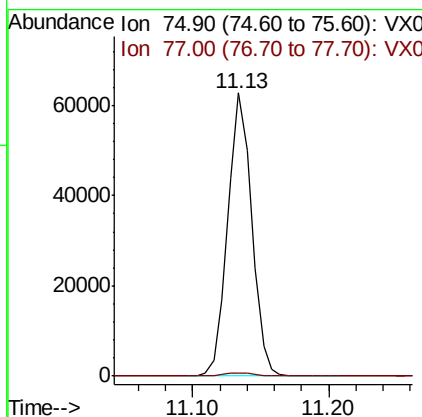
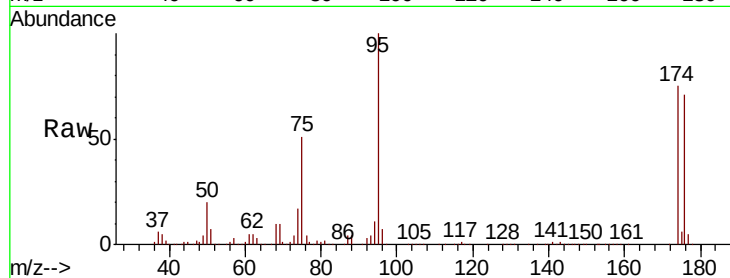




#76
 1,2,3-Trichloropropane
 Concen: 20.194 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008787.D
 Acq: 09 Apr 2019 21:38

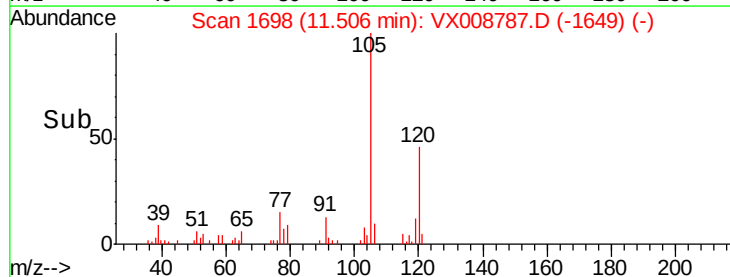
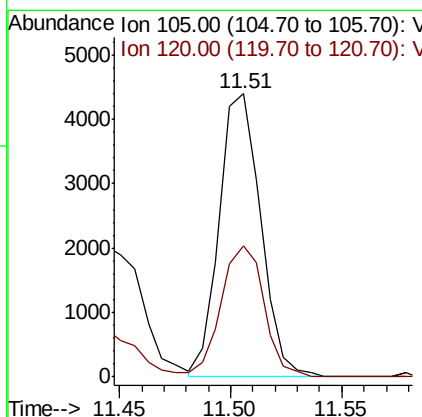
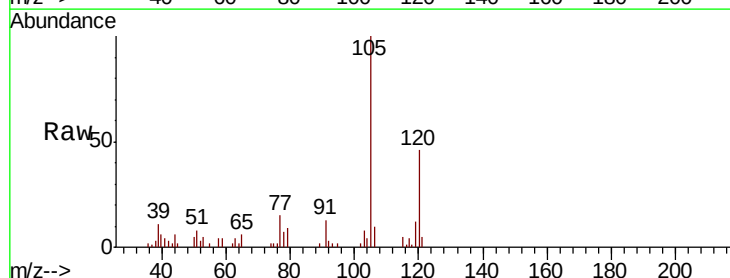
Instrument :
 MSVOA_X
 ClientSampleId :

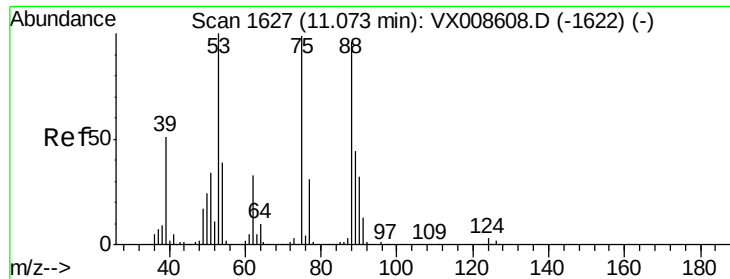
Tot Ion: 75 Resp: 77128
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.3 66.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.588 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008787.D
 Acq: 09 Apr 2019 21:38

Tgt Ion:105 Resp: 5684
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 55.666 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

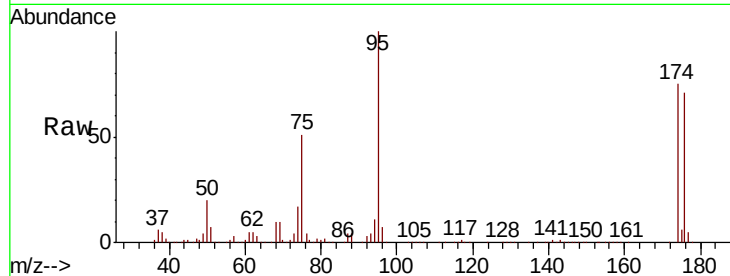
Tot Ion: 75 Resp: 77128

Ion Ratio Lower Upper

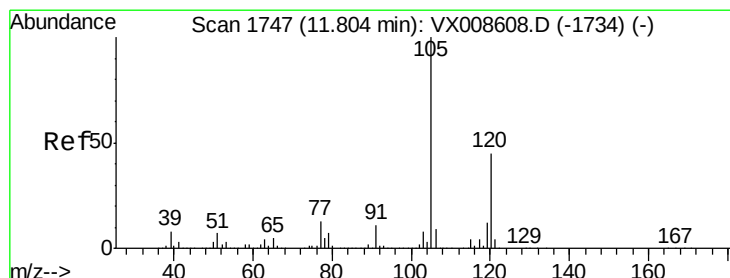
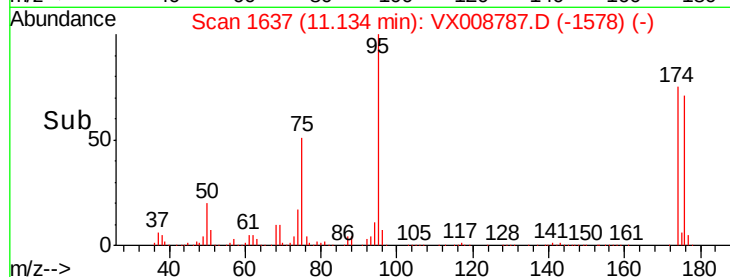
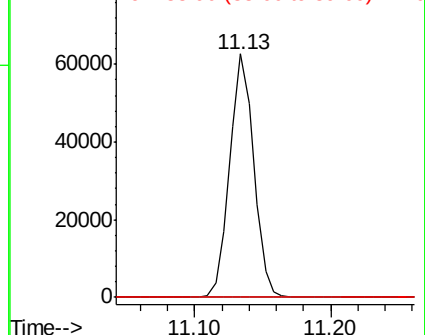
75 100

53 0.1 81.3 121.9#

89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 1.178 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008787.D

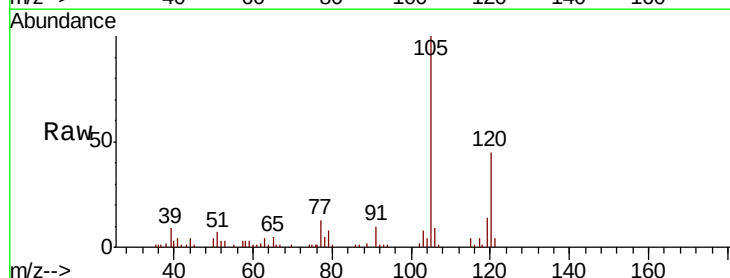
Acq: 09 Apr 2019 21:38

Tgt Ion: 105 Resp: 11540

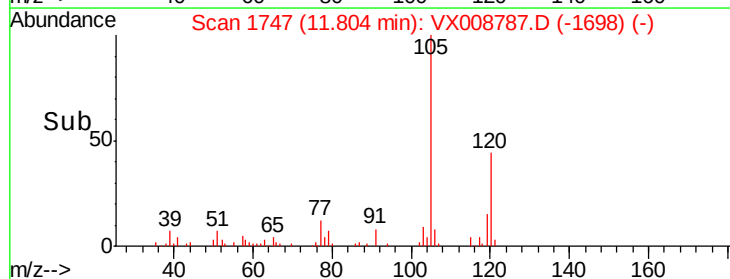
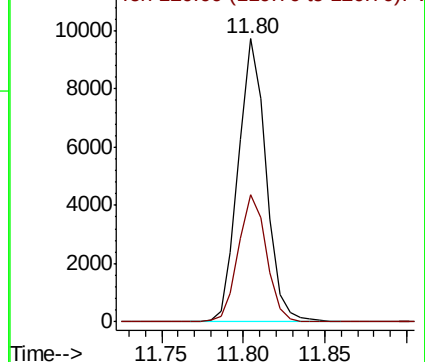
Ion Ratio Lower Upper

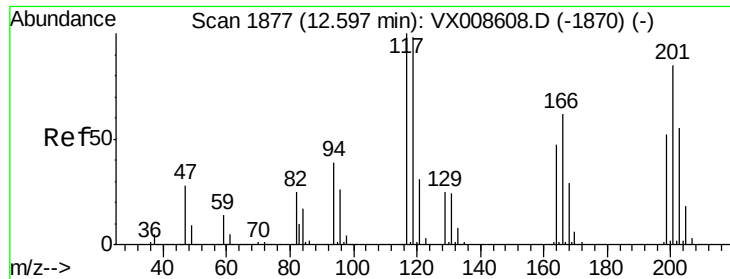
105 100

120 45.3 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.204 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

Instrument :

MSVOA_X

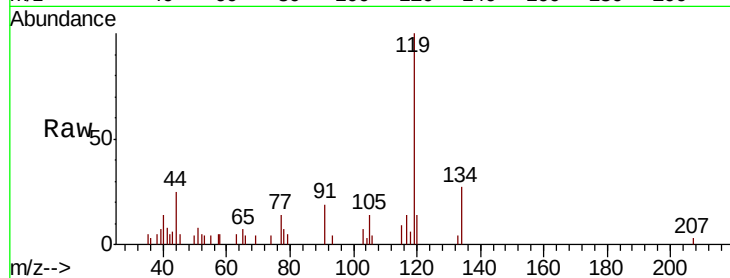
ClientSampled :

Tot Ion:117 Resp: 335

Ion Ratio Lower Upper

117 100

201 0.0 40.6 122.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

200

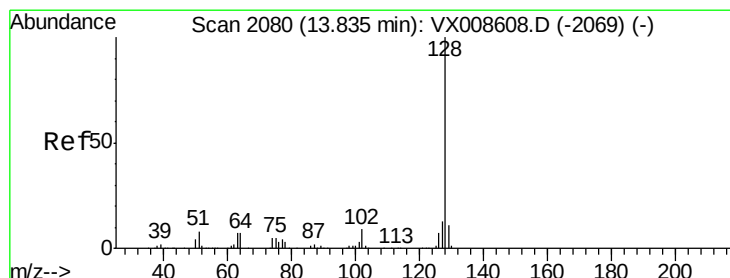
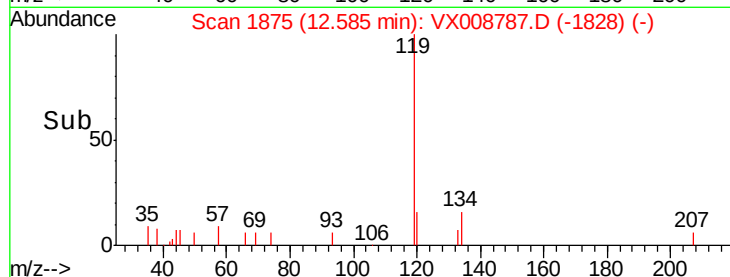
150

100

50

0

Time--> 12.54 12.56 12.58 12.60



#95

Naphthalene

Concen: 0.610 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008787.D

Acq: 09 Apr 2019 21:38

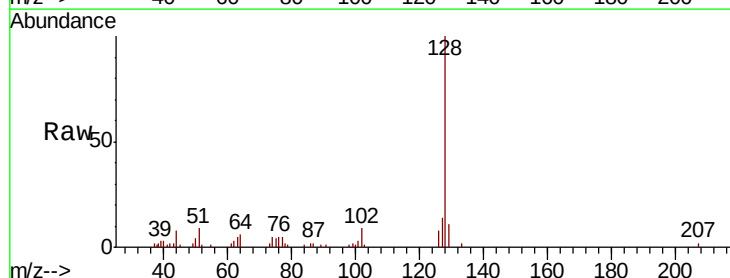
Tgt Ion:128 Resp: 6977

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 12.7 8.6 13.0



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

6000

4000

2000

0

Time--> 13.75 13.80 13.85 13.90

