

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040919\
 Data File : VX008789.D
 Acq On : 09 Apr 2019 22:25
 Operator : JC/SP
 Sample : K2338-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-DEEP

Quant Time: Apr 10 06:42:28 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	208631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142276	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	142780	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	5.50	113	105518	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
50) Toluene-d8	8.71	98	438433	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.13	95	152819	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	244	Below Cal	# 42
5) Bromomethane	1.56	94	24	1.900	ug/l # 3
6) Chloroethane	1.74	64	107	Below Cal	# 43
11) Tert butyl alcohol	3.03	59	627	0.880	ug/l # 94
13) Acrolein	2.28	56	112	0.317	ug/l # 1
16) Acetone	2.44	43	15267	8.711	ug/l 99
17) Carbon Disulfide	2.57	76	333	Below Cal	# 75
18) Methyl Acetate	2.78	43	1735	0.408	ug/l # 81
20) Methylene Chloride	2.86	84	148176	50.507	ug/l 98
25) 2-Butanone	4.69	43	2458	0.887	ug/l # 89
28) Bromochloromethane	5.03	49	24	Below Cal	# 22
29) Tetrahydrofuran	5.15	42	1736	0.944	ug/l 92
30) Chloroform	5.21	83	1764	0.375	ug/l 96
31) Cyclohexane	5.67	56	4806	0.914	ug/l # 1
36) 1,1-Dichloropropene	5.67	75	16863	4.418	ug/l # 51
38) Carbon Tetrachloride	5.67	117	19808	6.270	ug/l # 17
43) Isopropyl Acetate	6.45	43	11968	1.500	ug/l 98
48) Methyl methacrylate	7.68	41	7899	1.956	ug/l # 18
49) 1,4-Dioxane	7.87	88	192	2.539	ug/l # 1
51) 4-Methyl-2-Pentanone	8.61	43	86380	16.813	ug/l # 51
54) cis-1,3-Dichloropropene	8.62	75	37103	8.167	ug/l # 56
57) 1,3-Dichloropropane	9.54	76	8553	1.770	ug/l # 44
59) 2-Hexanone	9.54	43	135684	33.982	ug/l # 52
67) Ethyl Benzene	10.25	91	8889	0.689	ug/l 100
68) m/p-Xylenes	10.36	106	6546	1.411	ug/l 95
69) o-Xylene	10.70	106	1003	0.223	ug/l 99
76) 1,2,3-Trichloropropane	11.13	75	78069	19.974	ug/l # 34
78) n-propylbenzene	11.36	91	10426	0.759	ug/l 98
79) 2-Chlorotoluene	11.43	91	3062	0.369	ug/l # 42
80) 1,3,5-Trimethylbenzene	11.51	105	14181	1.433	ug/l 99
81) trans-1,4-Dichloro-2-buten	11.13	75	78069	55.060	ug/l # 9
83) tert-Butylbenzene	11.80	119	5166	0.543	ug/l # 65
84) 1,2,4-Trimethylbenzene	11.80	105	40496	4.041	ug/l 97
85) sec-Butylbenzene	11.80	105	40496	3.580	ug/l # 58

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

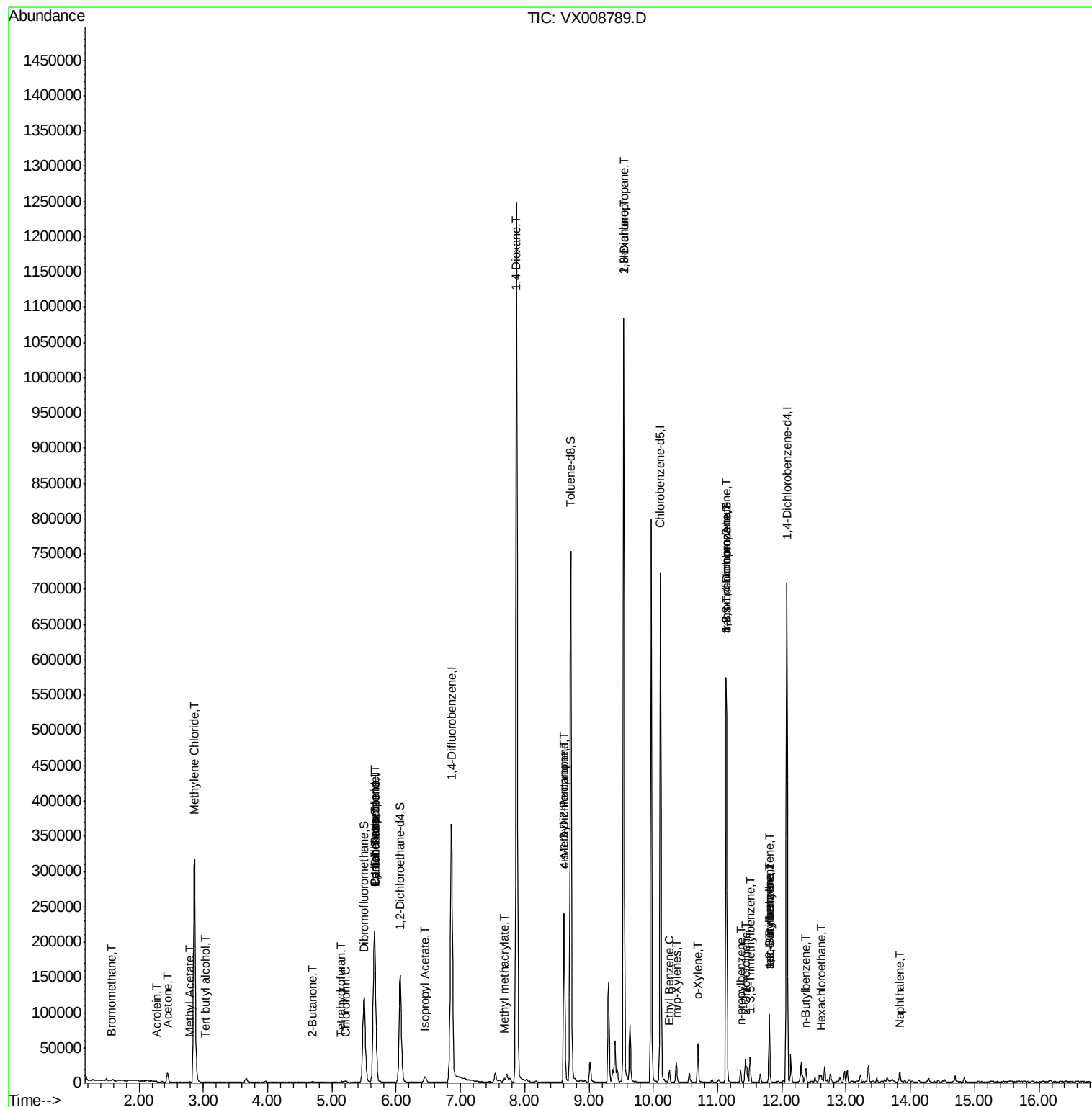
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	2533	0.266	ug/l #	28
90) Hexachloroethane	12.61	117	403	0.239	ug/l #	9
95) Naphthalene	13.83	128	7945	0.679	ug/l	97

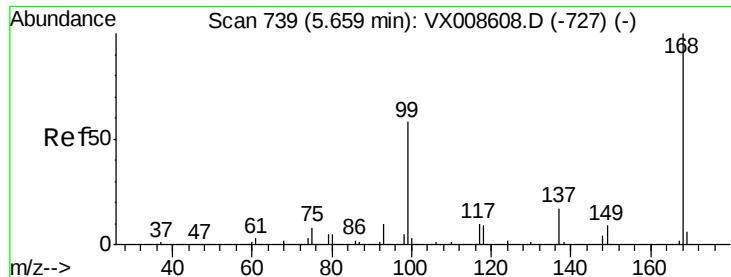
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

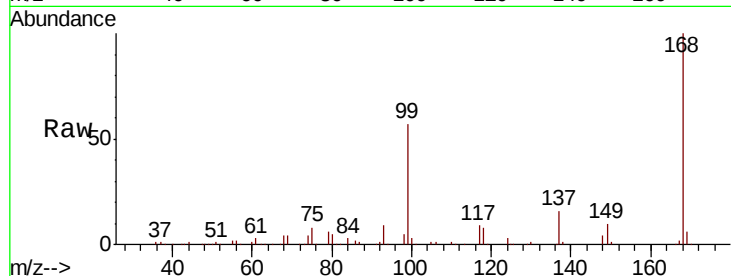
TP-2-DEEP

Tot Ion:168 Resp: 208631

Ion Ratio Lower Upper

168 100

99 57.5 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

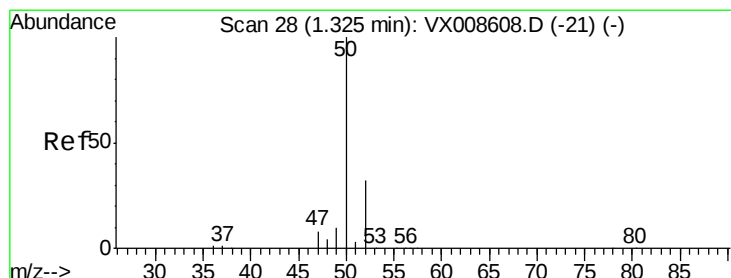
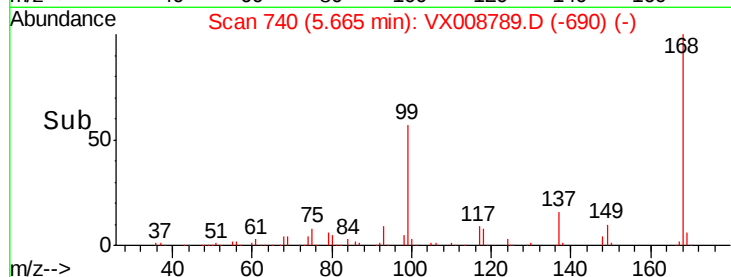
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008789.D

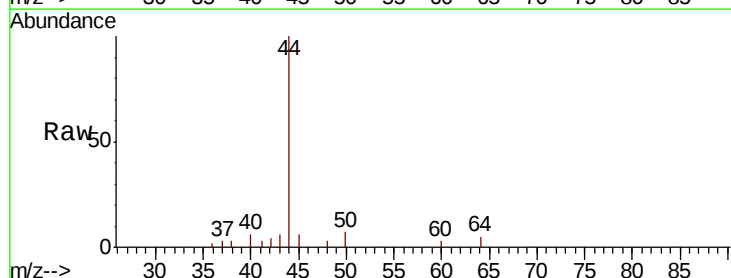
Acq: 09 Apr 2019 22:25

Tgt Ion: 50 Resp: 244

Ion Ratio Lower Upper

50 100

52 0.0 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200

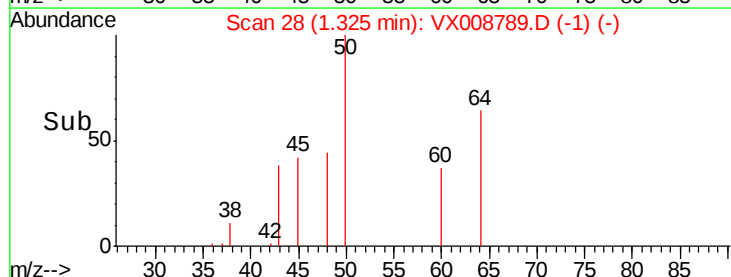
150

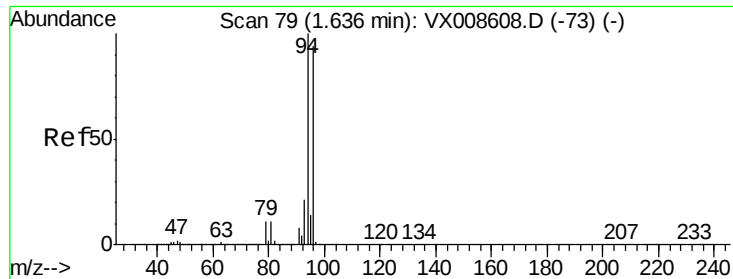
100

50

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 1.900 ug/l

RT: 1.56 min Scan# 66

Delta R.T. -0.08 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

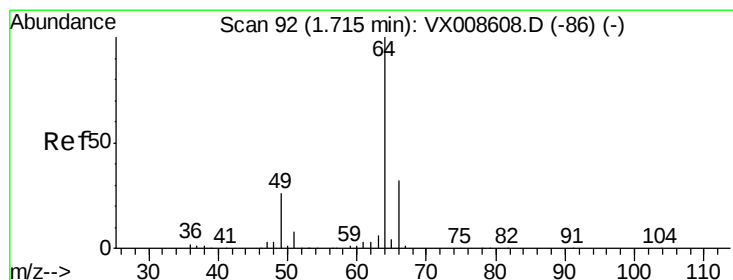
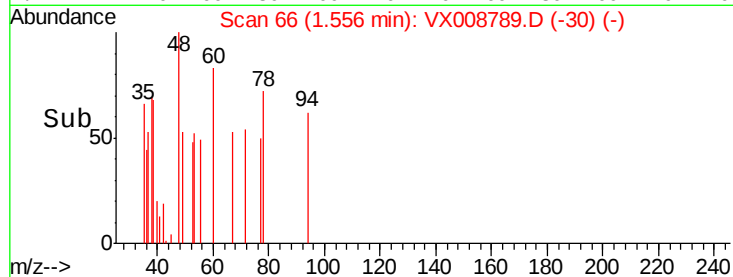
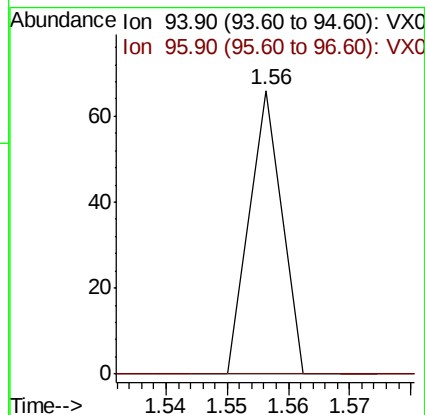
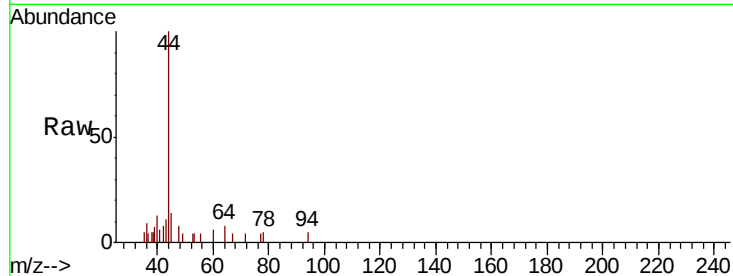
TP-2-DEEP

Tot Ion: 94 Resp: 24

Ion Ratio Lower Upper

94 100

96 0.0 75.2 112.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.74 min Scan# 96

Delta R.T. 0.03 min

Lab File: VX008789.D

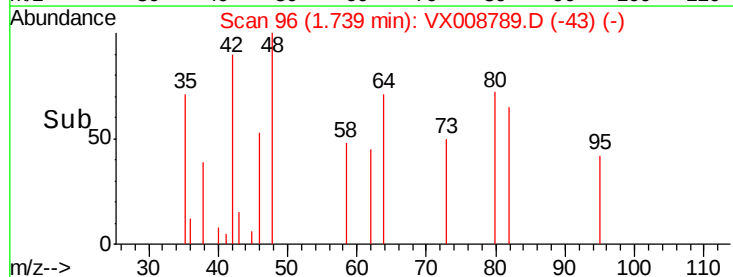
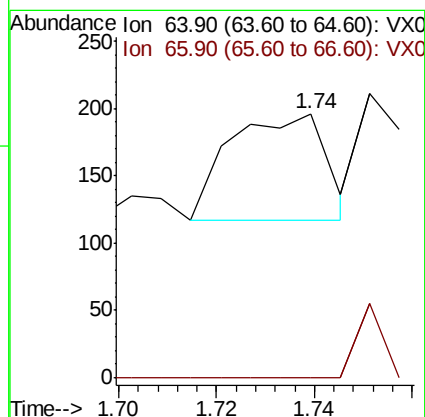
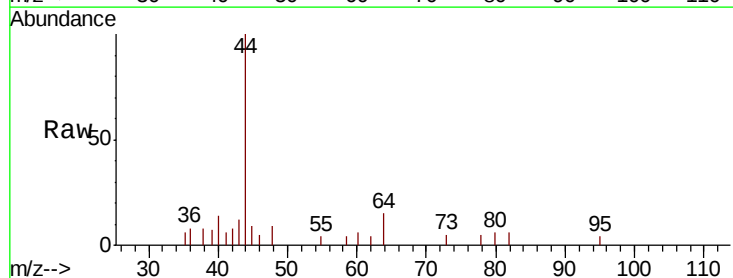
Acq: 09 Apr 2019 22:25

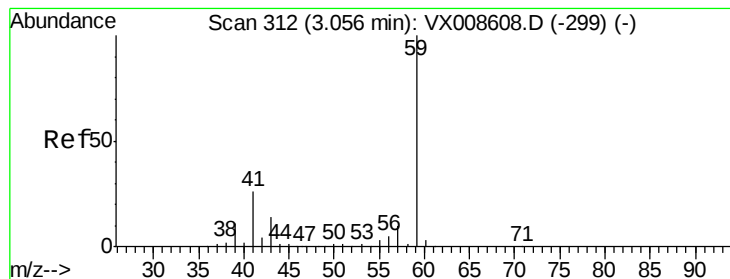
Tgt Ion: 64 Resp: 107

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#



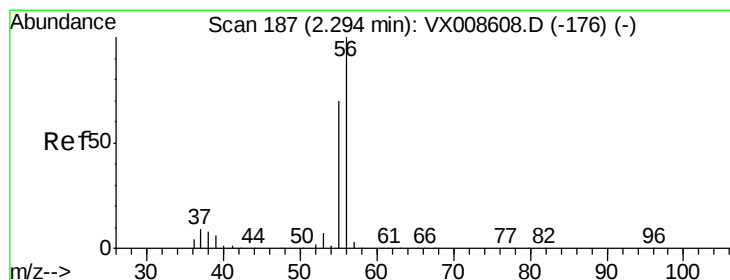
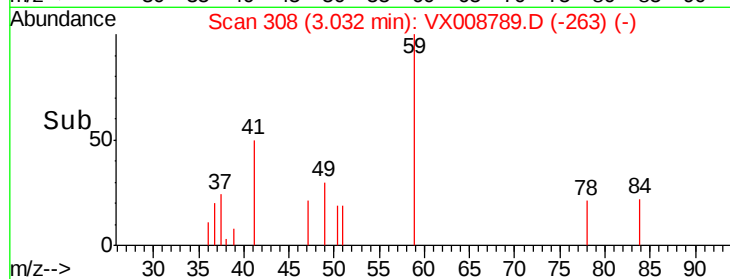
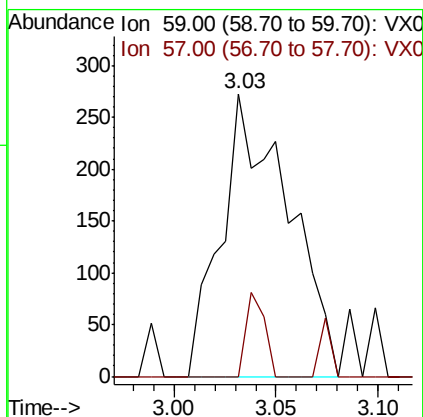
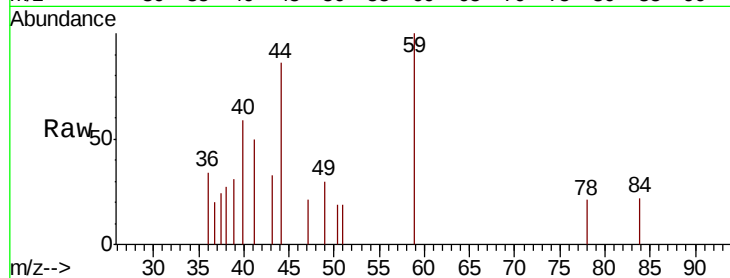


#11

Tert butyl alcohol
 Concen: 0.880 ug/l
 RT: 3.03 min Scan# 308
 Delta R.T. -0.02 min
 Lab File: VX008789.D
 Acq: 09 Apr 2019 22:25

Instrument :
 MSVOA_X
 ClientSampled :
 TP-2-DEEP

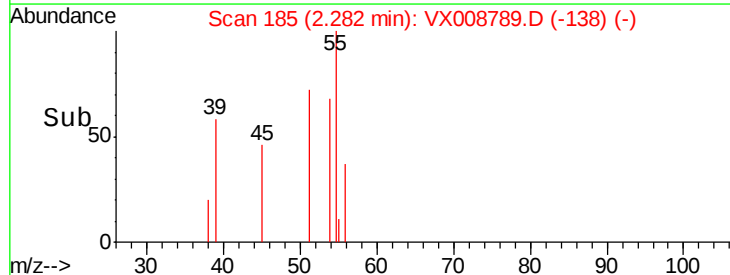
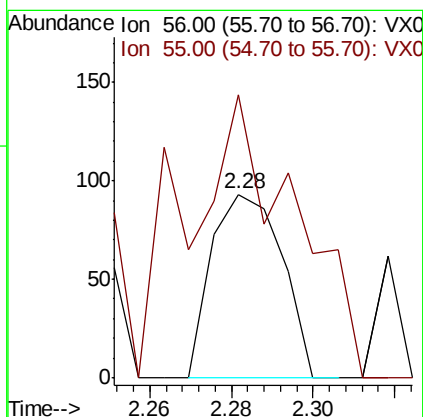
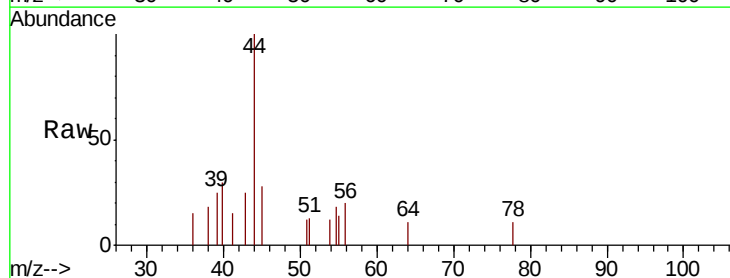
Tot Ion: 59 Resp: 627
 Ion Ratio Lower Upper
 59 100
 57 8.0 8.3 12.5#

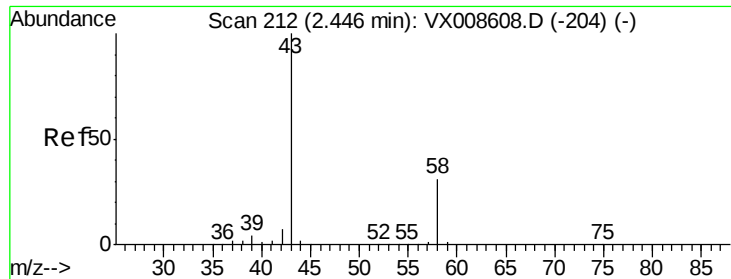


#13

Acrolein
 Concen: 0.317 ug/l
 RT: 2.28 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VX008789.D
 Acq: 09 Apr 2019 22:25

Tgt Ion: 56 Resp: 112
 Ion Ratio Lower Upper
 56 100
 55 264.3 58.0 87.0#





#16

Acetone

Concen: 8.711 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

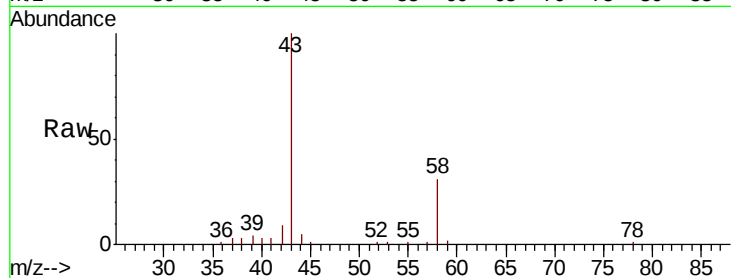
TP-2-DEEP

Tot Ion: 43 Resp: 15267

Ion Ratio Lower Upper

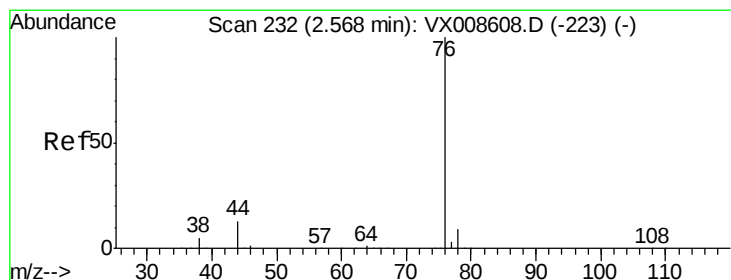
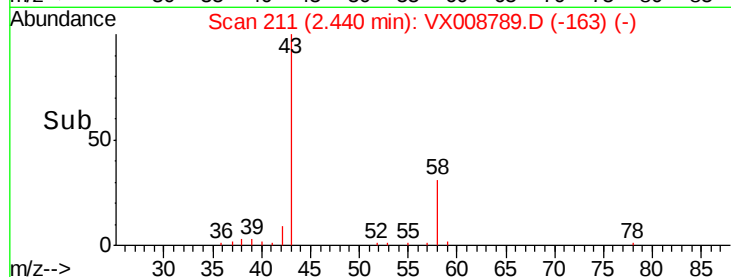
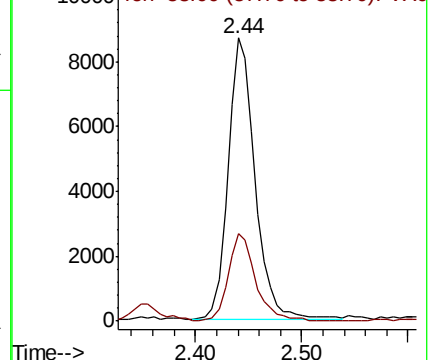
43 100

58 31.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008789.D

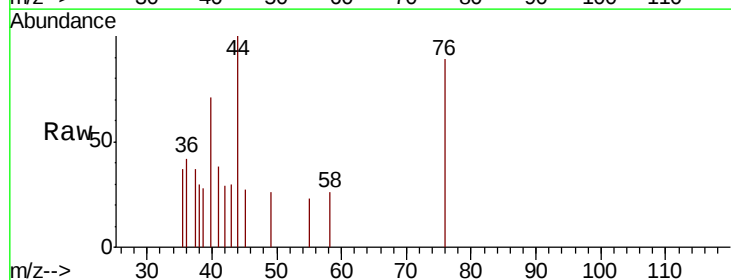
Acq: 09 Apr 2019 22:25

Tgt Ion: 76 Resp: 333

Ion Ratio Lower Upper

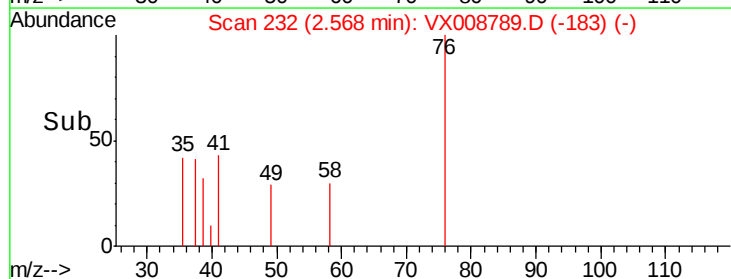
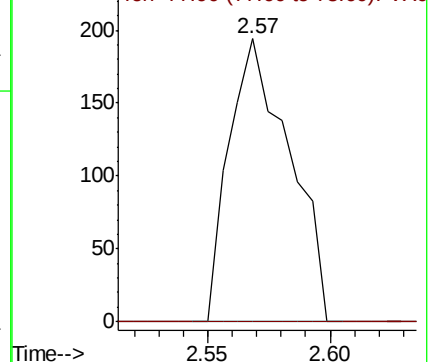
76 100

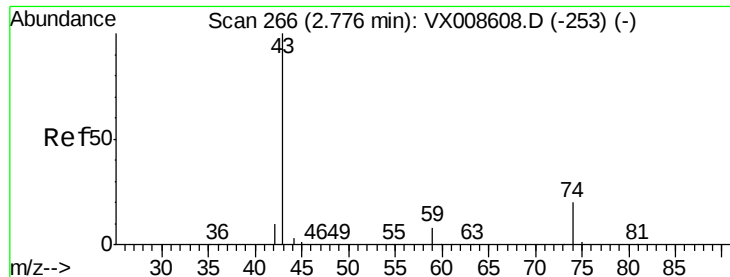
78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

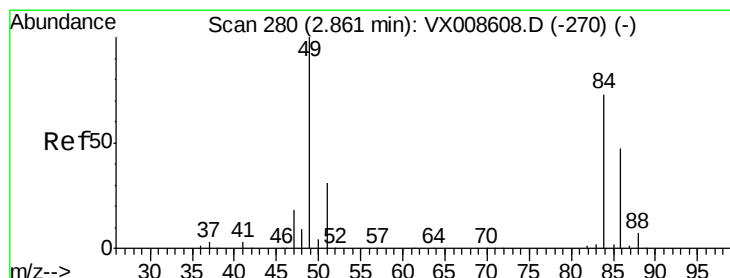
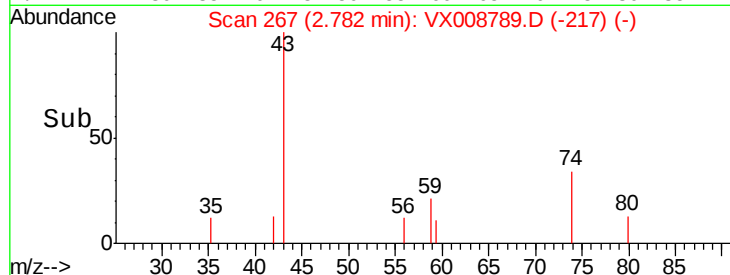
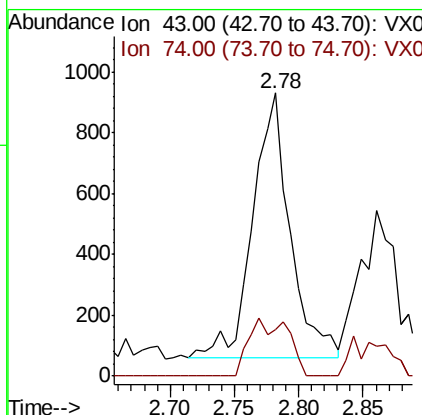
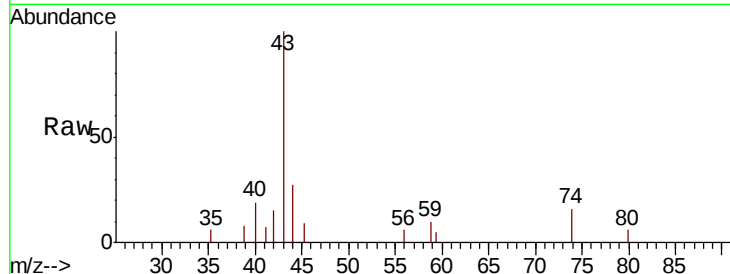




#18
Methyl Acetate
Concen: 0.408 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

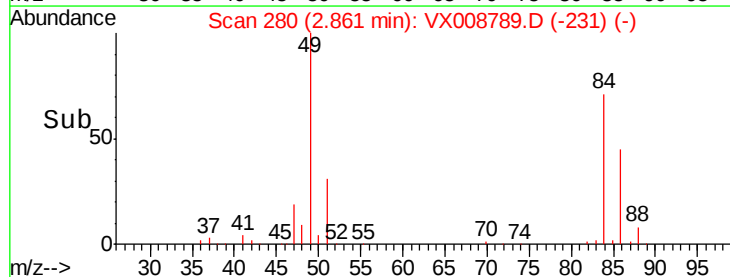
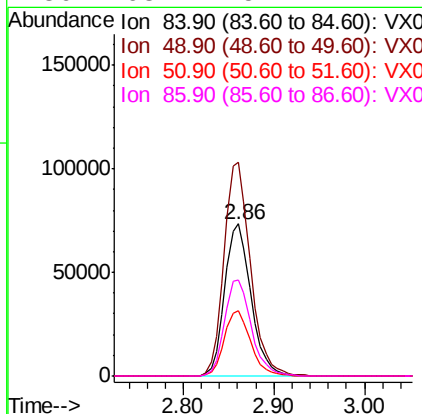
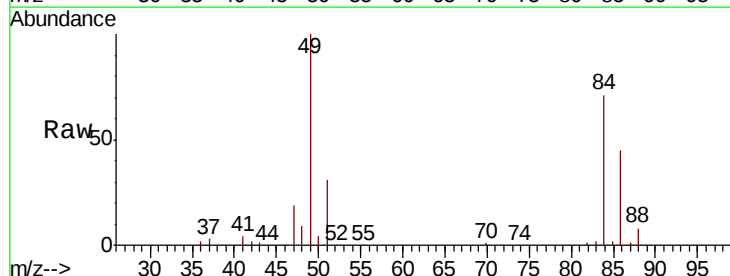
Instrument :
MSVOA_X
ClientSampled :
TP-2-DEEP

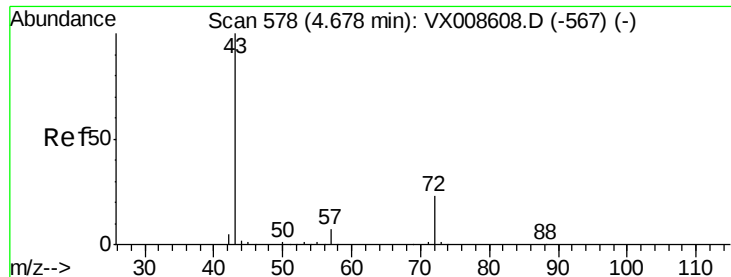
Tot Ion: 43 Resp: 1735
Ion Ratio Lower Upper
43 100
74 11.7 16.5 24.7#



#20
Methylene Chloride
Concen: 50.507 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

Tgt Ion: 84 Resp: 148176
Ion Ratio Lower Upper
84 100
49 140.4 109.7 164.5
51 43.1 33.6 50.4
86 63.4 51.4 77.2





#25

2-Butanone

Concen: 0.887 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.01 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

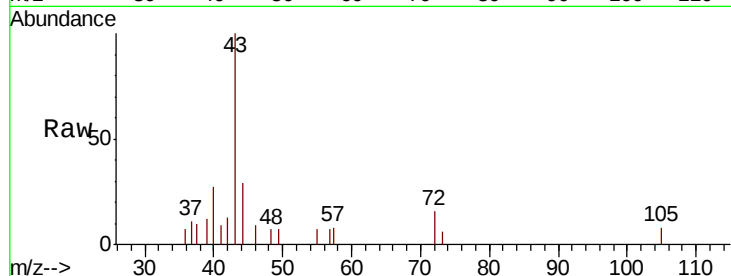
TP-2-DEEP

Tot Ion: 43 Resp: 2458

Ion Ratio Lower Upper

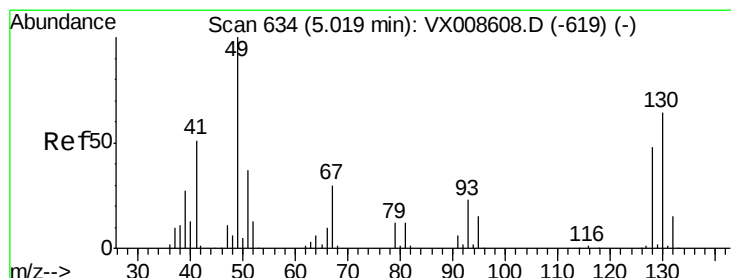
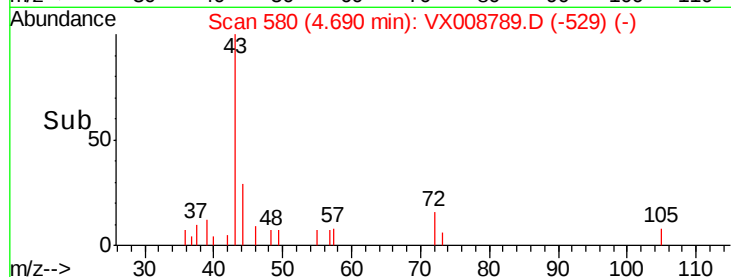
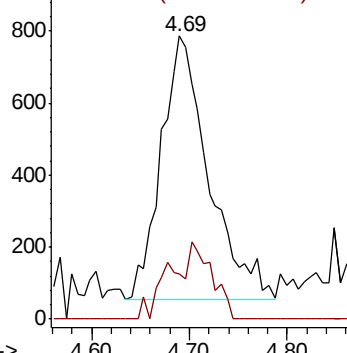
43 100

72 17.4 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

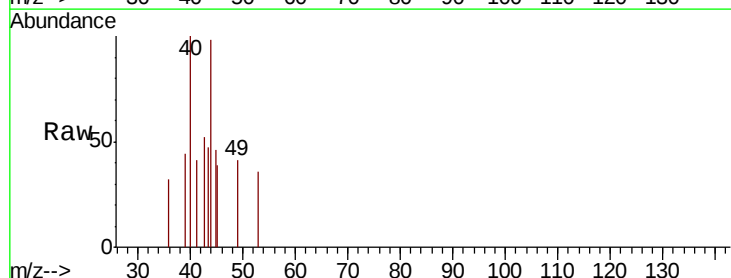
Tgt Ion: 49 Resp: 24

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

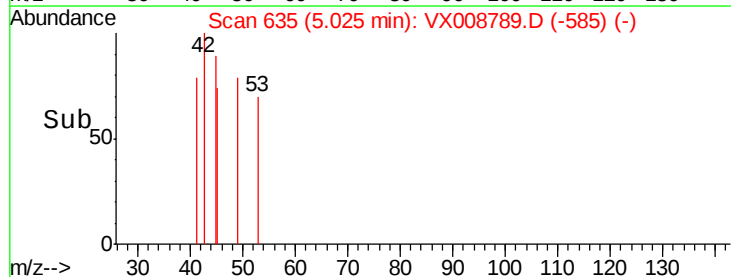
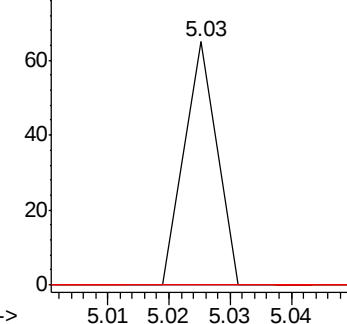
130 0.0 49.3 73.9#

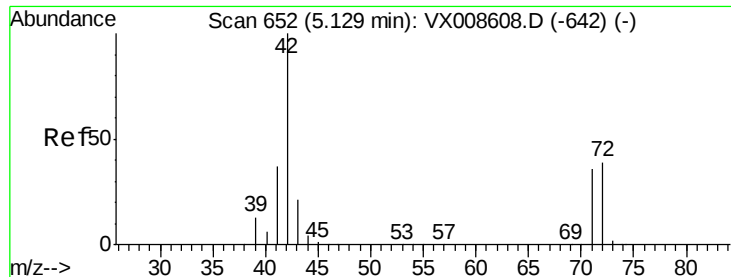


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

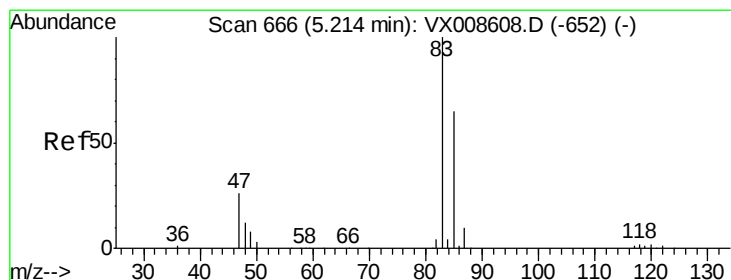
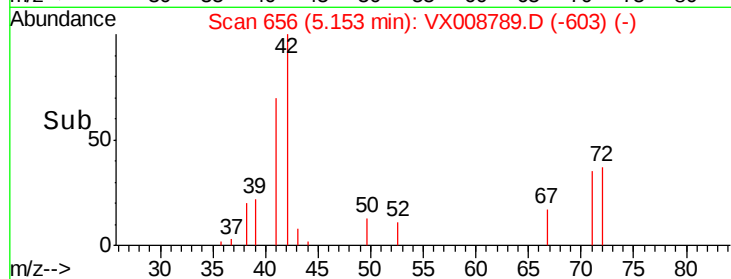
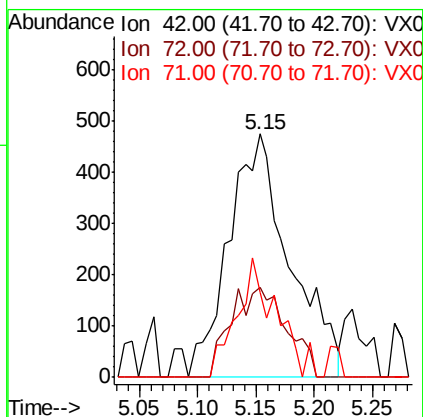
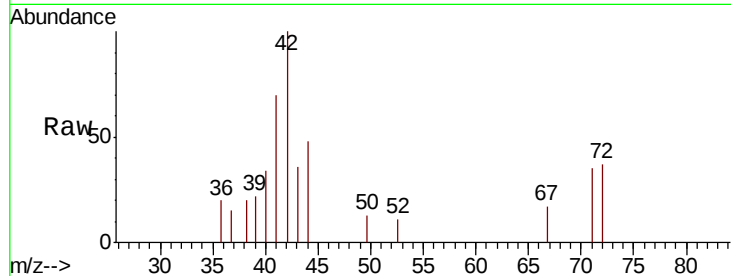




#29
Tetrahydrofuran
Concen: 0.944 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

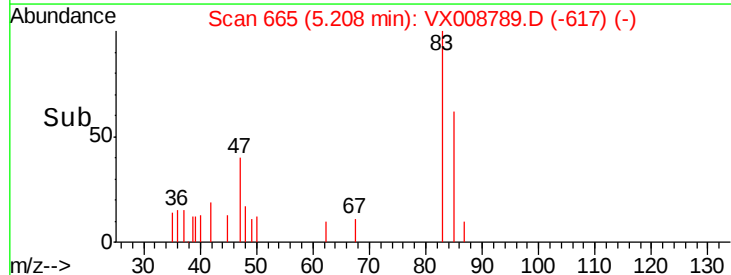
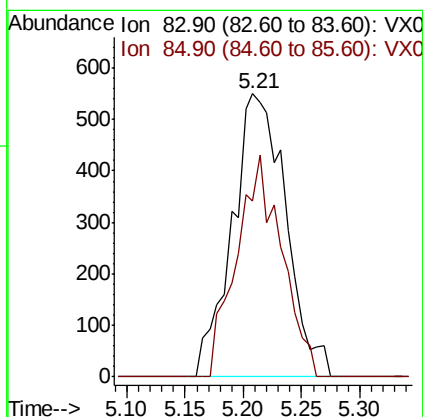
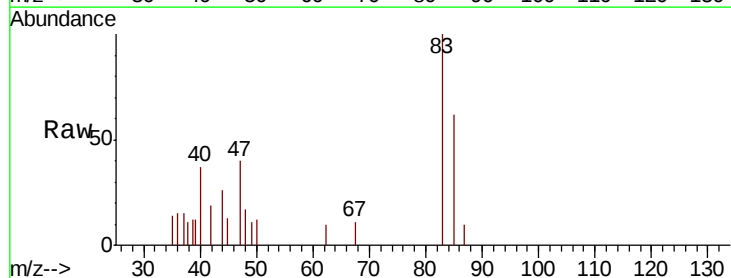
Instrument :
MSVOA_X
ClientSampled :
TP-2-DEEP

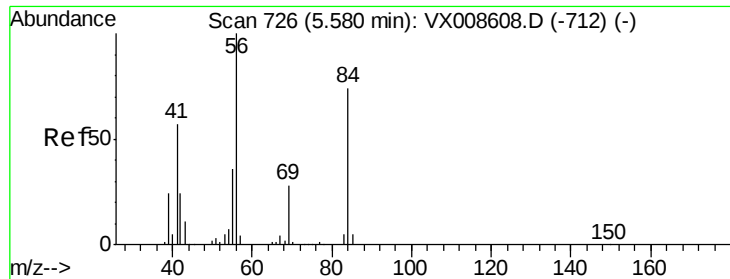
Tot Ion: 42 Resp: 1736
Ion Ratio Lower Upper
42 100
72 33.8 30.5 45.7
71 30.5 28.6 43.0



#30
Chloroform
Concen: 0.375 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

Tgt Ion: 83 Resp: 1764
Ion Ratio Lower Upper
83 100
85 62.0 52.1 78.1

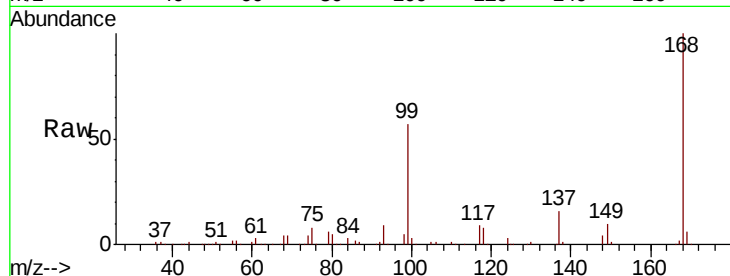




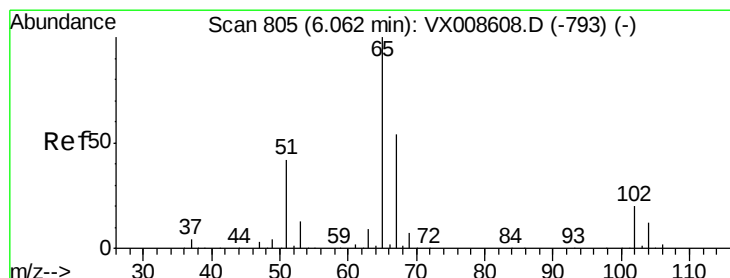
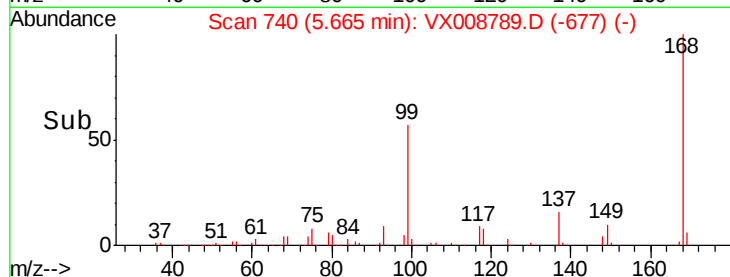
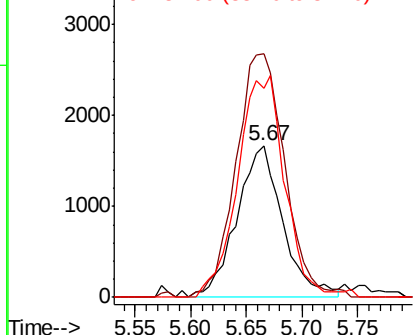
#31
Cyclohexane
Concen: 0.914 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

Instrument :
MSVOA_X
ClientSampleId :
TP-2-DEEP

Tot Ion: 56 Resp: 4806
Ion Ratio Lower Upper
56 100
69 160.1 22.6 33.8#
84 137.8 59.3 88.9#

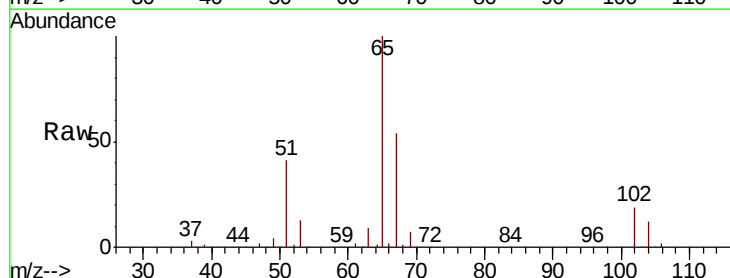


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

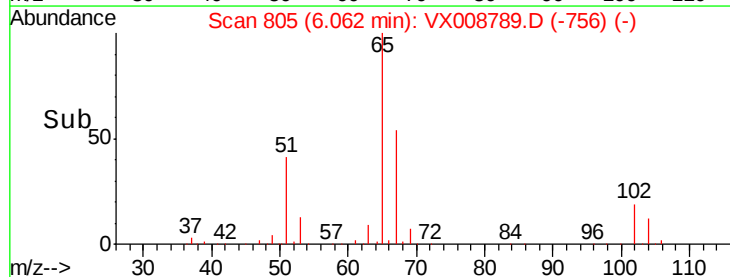
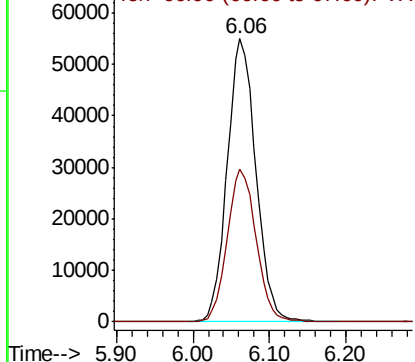


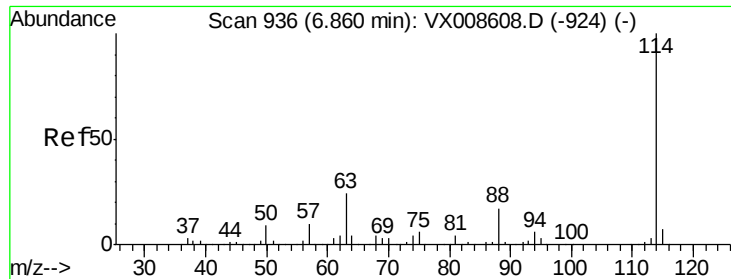
#33
1,2-Dichloroethane-d4
Concen: 46.921 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

Tgt Ion: 65 Resp: 142780
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.2



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

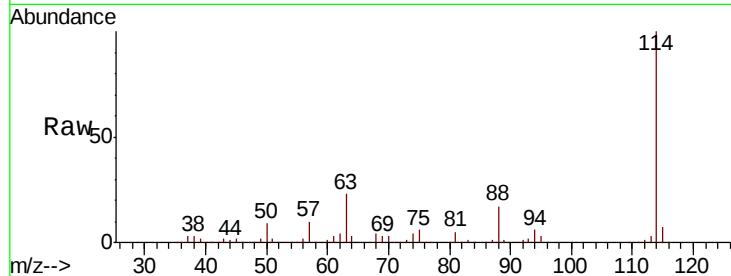




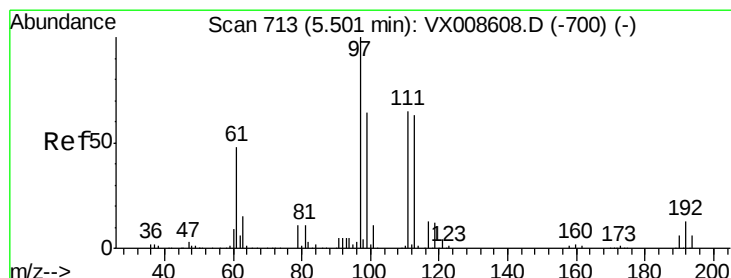
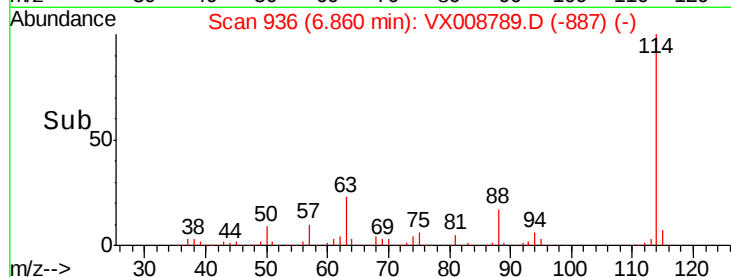
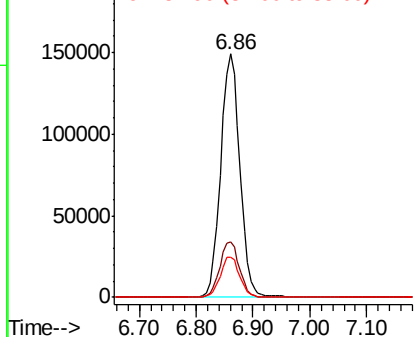
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008789.D
 Acq: 09 Apr 2019 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-DEEP

Tot Ion:114 Resp: 349194
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 16.5 0.0 34.0

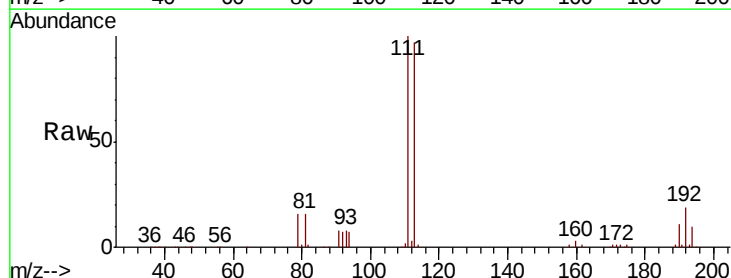


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

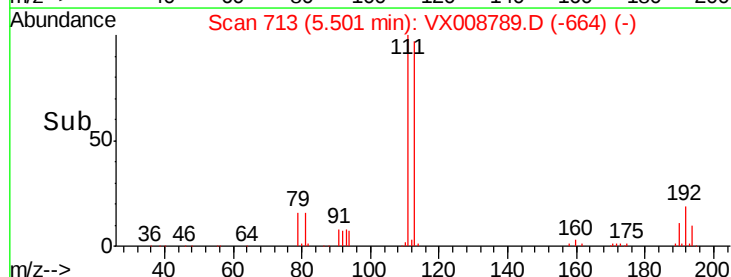
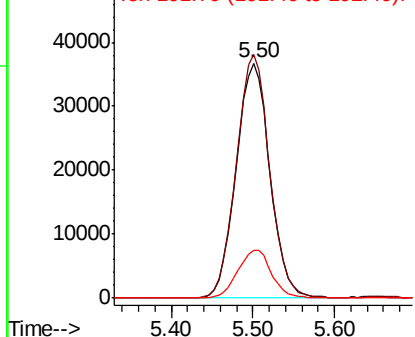


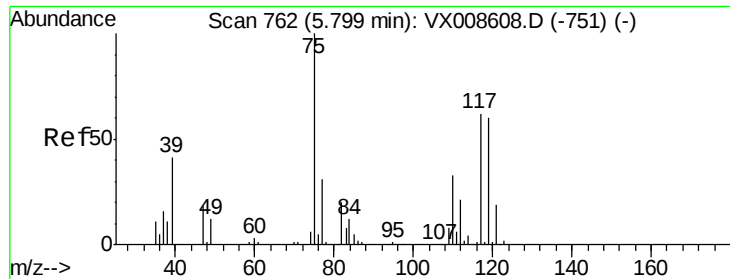
#35
 Dibromofluoromethane
 Concen: 47.262 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008789.D
 Acq: 09 Apr 2019 22:25

Tgt Ion:113 Resp: 105518
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.4 125.2
 192 20.5 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: 4.418 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

TP-2-DEEP

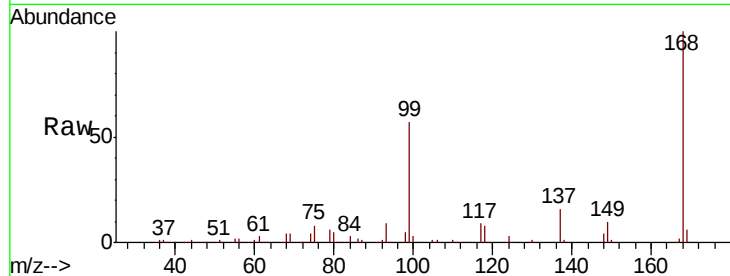
Tot Ion: 75 Resp: 16863

Ion Ratio Lower Upper

75 100

110 8.7 16.4 49.2#

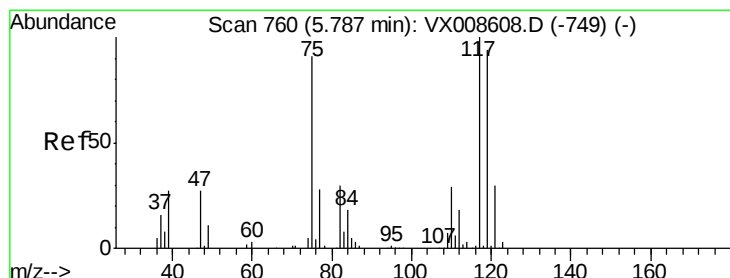
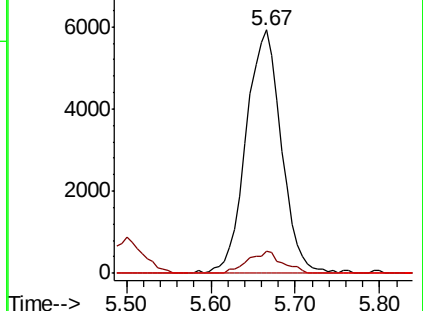
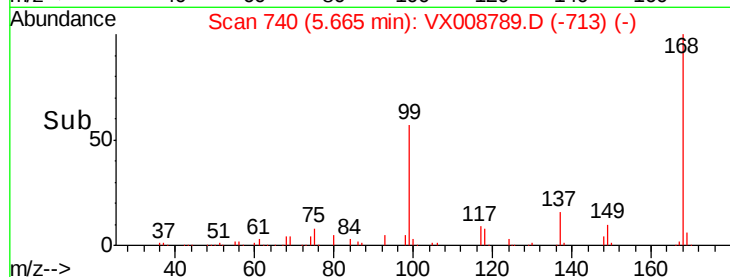
77 0.0 24.7 37.1#



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: 6.270 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

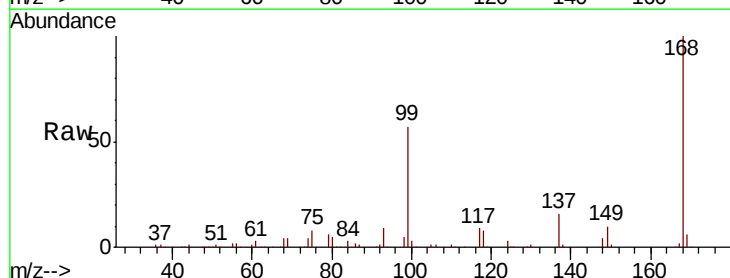
Tgt Ion: 117 Resp: 19808

Ion Ratio Lower Upper

117 100

119 5.0 75.0 112.6#

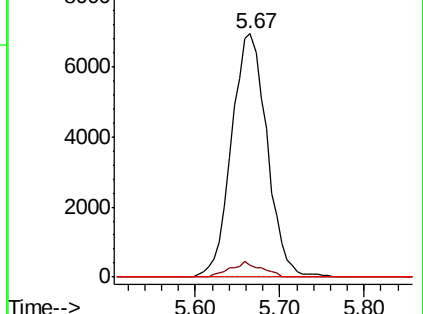
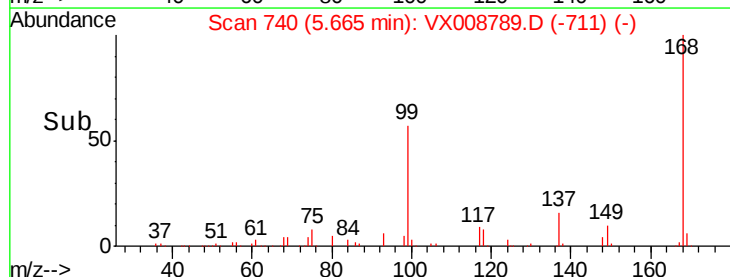
121 0.0 24.3 36.5#

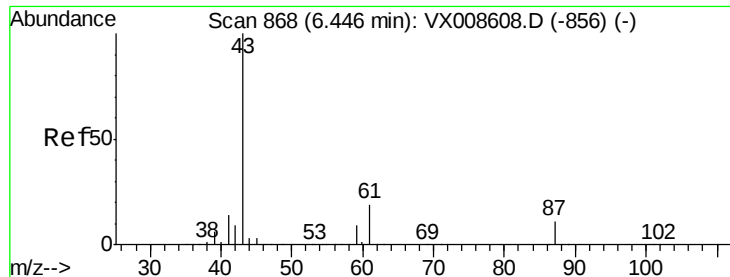


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 1.500 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampled :

TP-2-DEEP

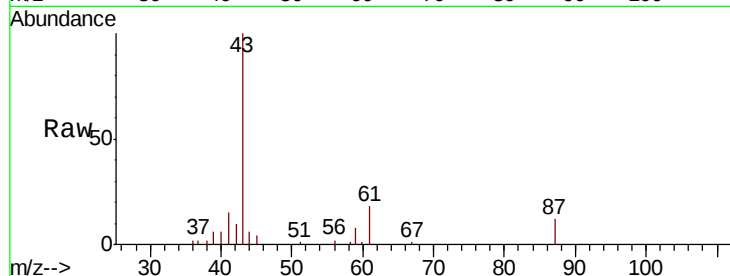
Tot Ion: 43 Resp: 11968

Ion Ratio Lower Upper

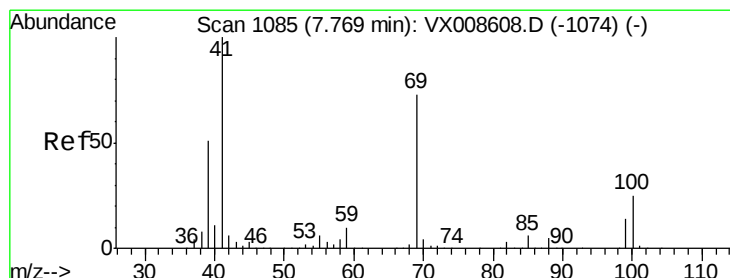
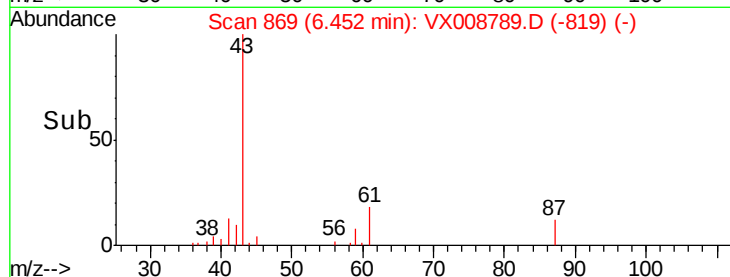
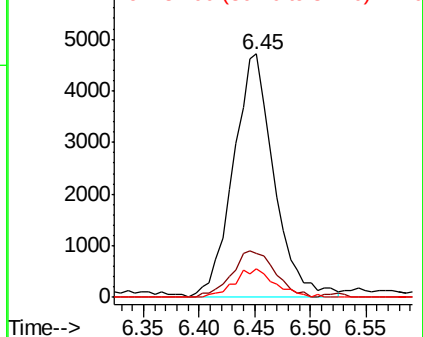
43 100

61 20.4 15.3 22.9

87 11.8 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: 1.956 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

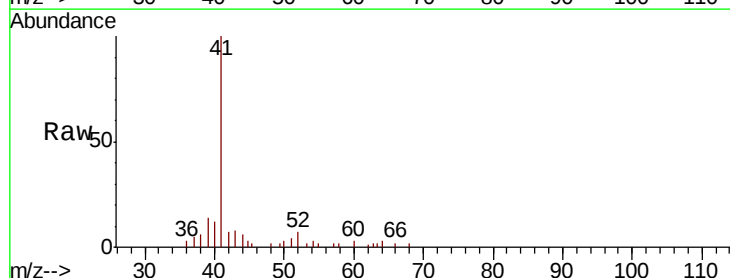
Tgt Ion: 41 Resp: 7899

Ion Ratio Lower Upper

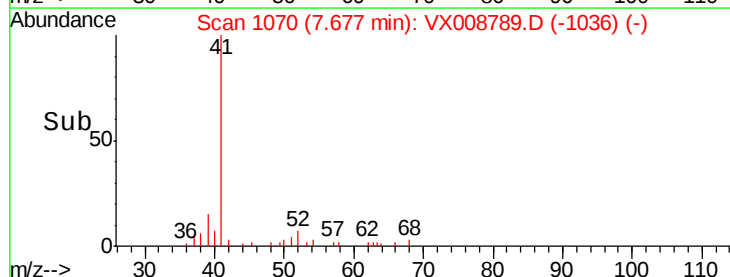
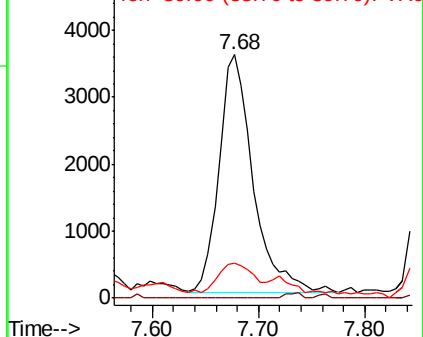
41 100

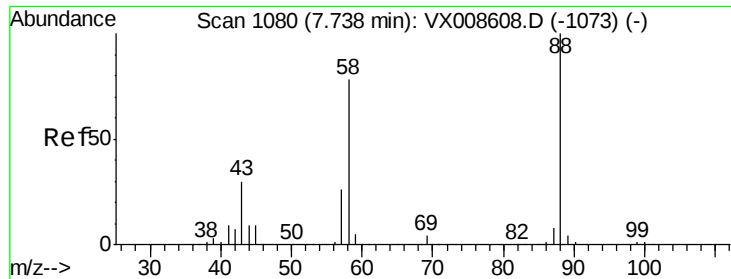
69 0.0 59.0 88.4#

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: 2.539 ug/l

RT: 7.87 min Scan# 1101

Delta R.T. 0.13 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

TP-2-DEEP

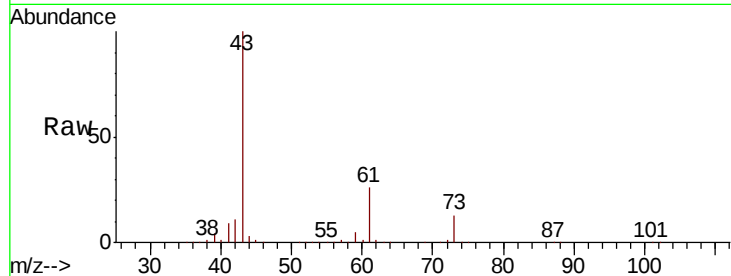
Tot Ion: 88 Resp: 192

Ion Ratio Lower Upper

88 100

43 615102.1 28.6 43.0#

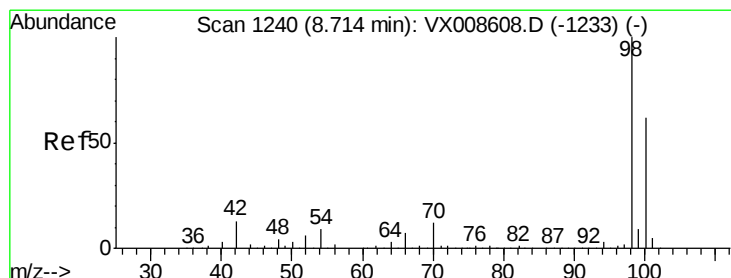
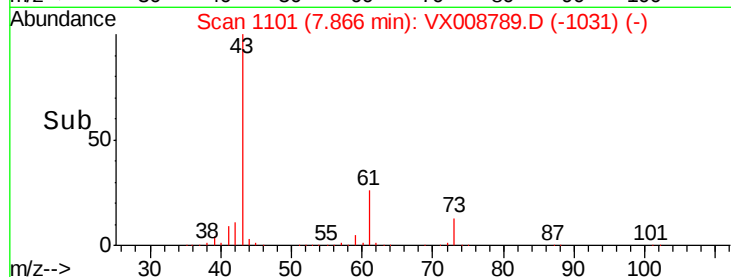
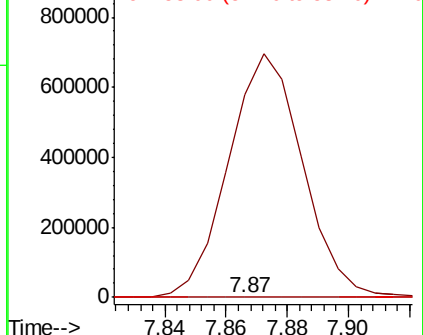
58 2468.2 62.2 93.2#



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: 49.319 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008789.D

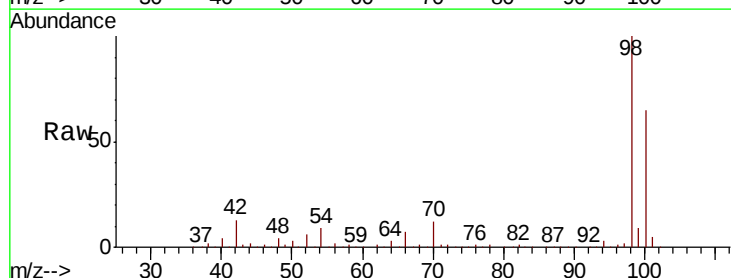
Acq: 09 Apr 2019 22:25

Tgt Ion: 98 Resp: 438433

Ion Ratio Lower Upper

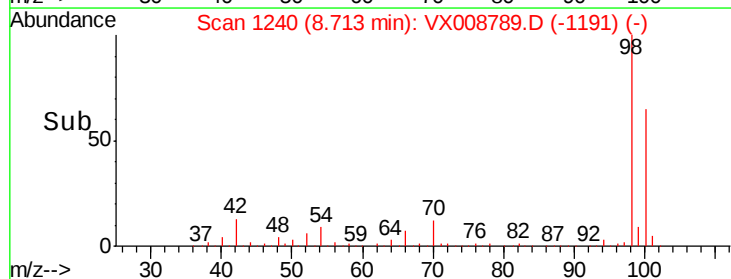
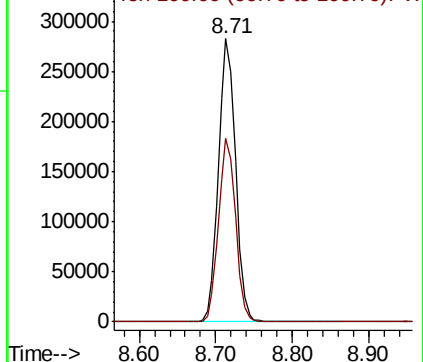
98 100

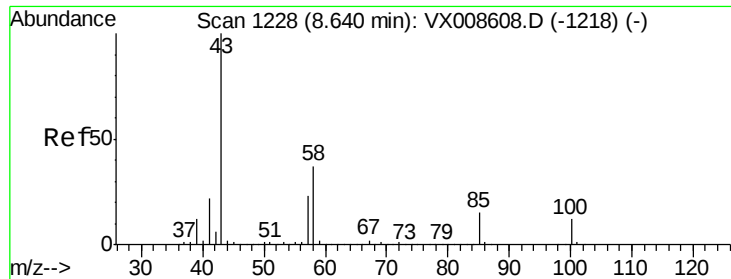
100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 16.813 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampleID :

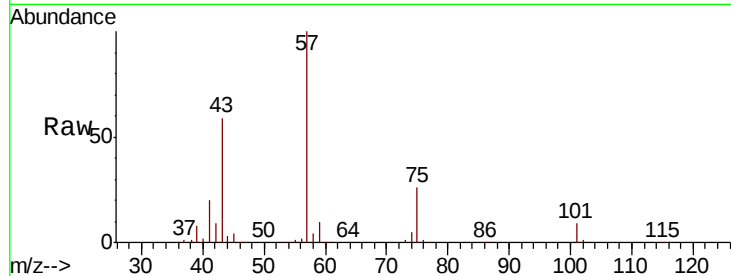
TP-2-DEEP

Tot Ion: 43 Resp: 86380

Ion Ratio Lower Upper

43 100

58 7.8 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

60000

50000

40000

30000

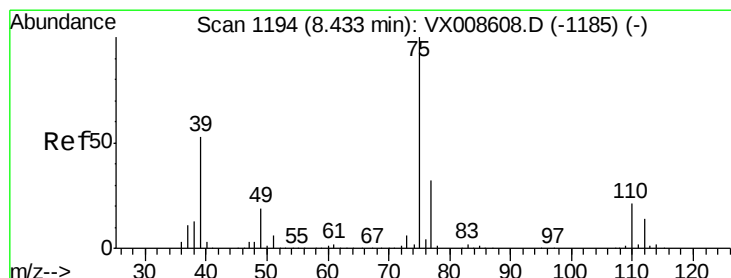
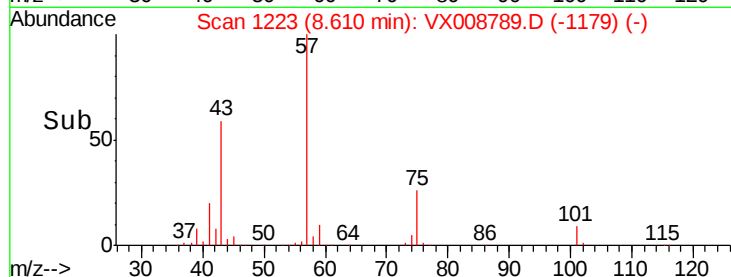
20000

10000

0

8.55 8.60 8.65 8.70

Time-->



#54

cis-1,3-Dichloropropene

Concen: 8.167 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

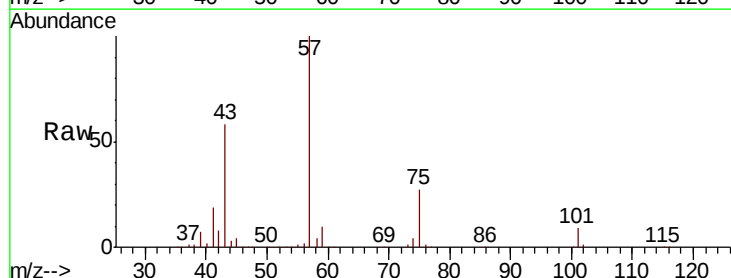
Tgt Ion: 75 Resp: 37103

Ion Ratio Lower Upper

75 100

77 0.5 25.3 37.9#

39 26.8 42.6 63.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

30000

25000

20000

15000

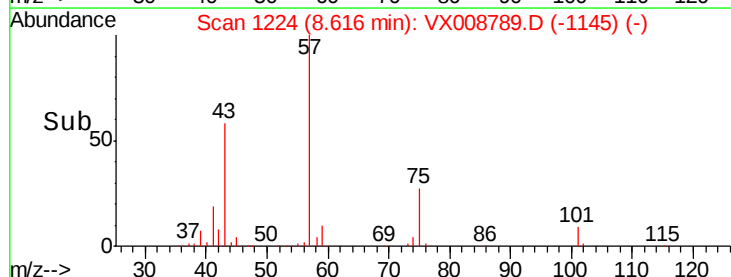
10000

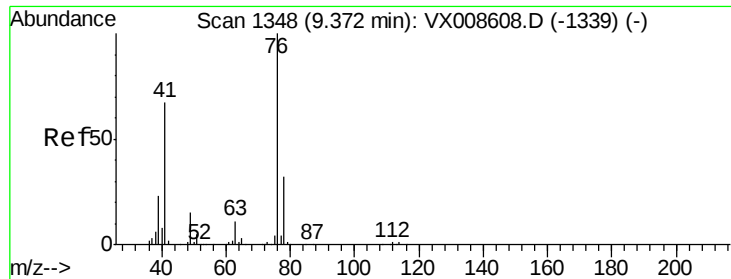
5000

0

8.55 8.60 8.65 8.70

Time-->





#57

1,3-Dichloropropane

Concen: 1.770 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

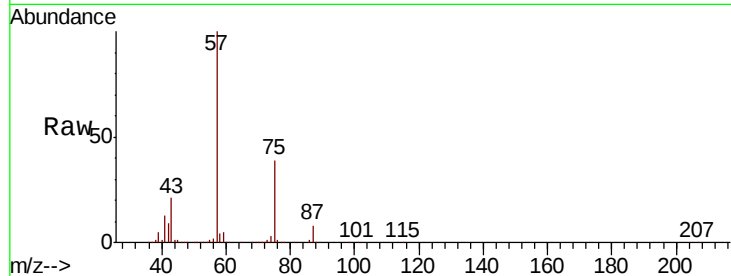
TP-2-DEEP

Tot Ion: 76 Resp: 8553

Ion Ratio Lower Upper

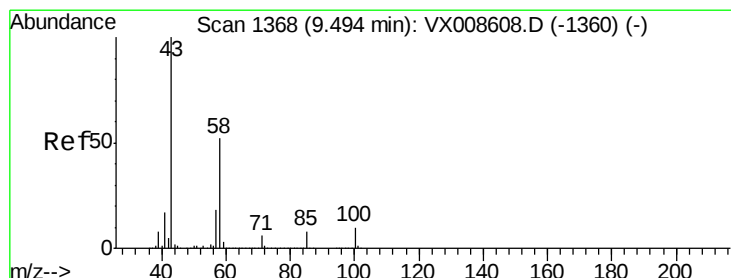
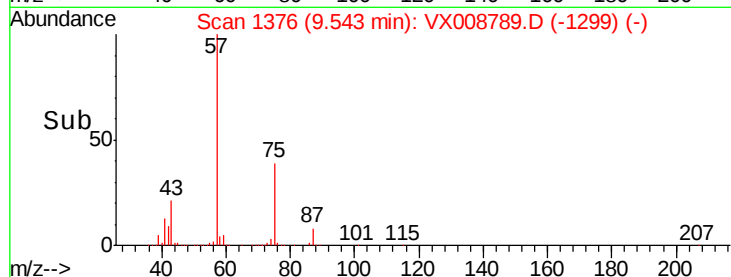
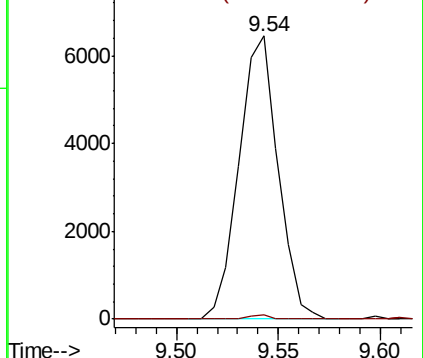
76 100

78 0.7 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 33.982 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX008789.D

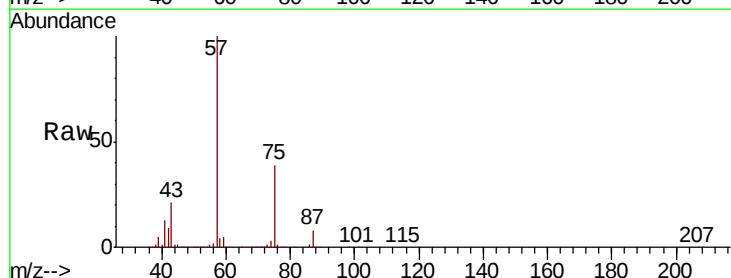
Acq: 09 Apr 2019 22:25

Tgt Ion: 43 Resp: 135684

Ion Ratio Lower Upper

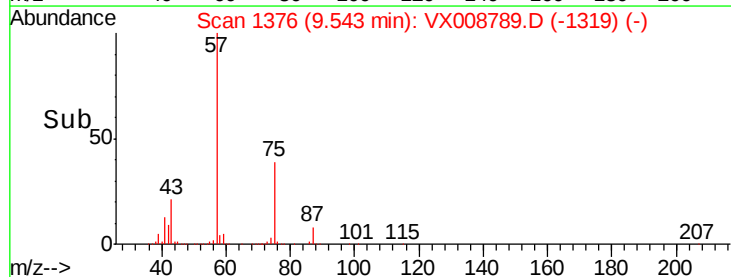
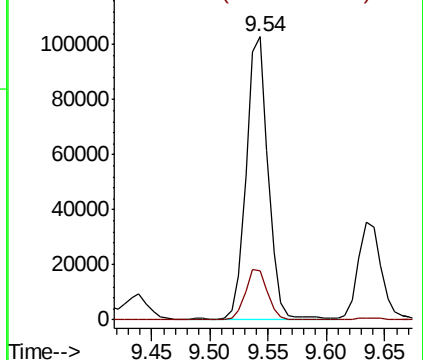
43 100

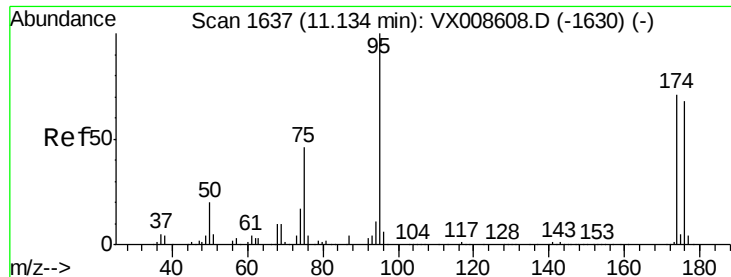
58 18.4 25.9 77.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.477 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

TP-2-DEEP

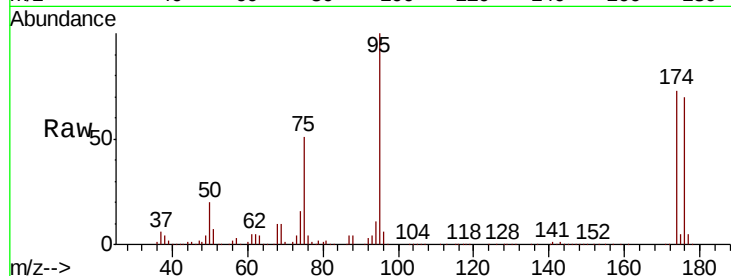
Tot Ion: 95 Resp: 152819

Ion Ratio Lower Upper

95 100

174 78.8 0.0 151.8

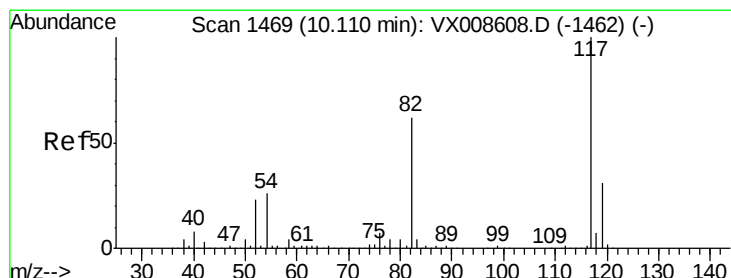
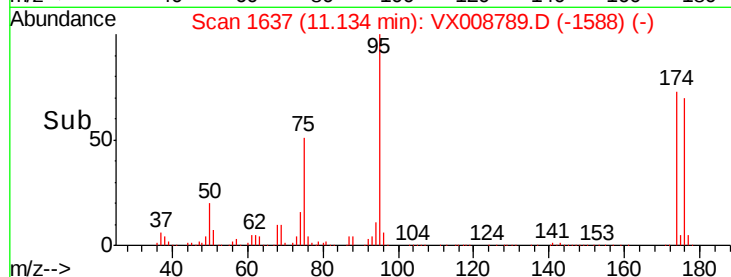
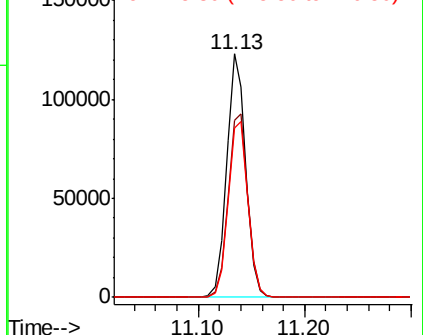
176 75.6 0.0 145.8



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

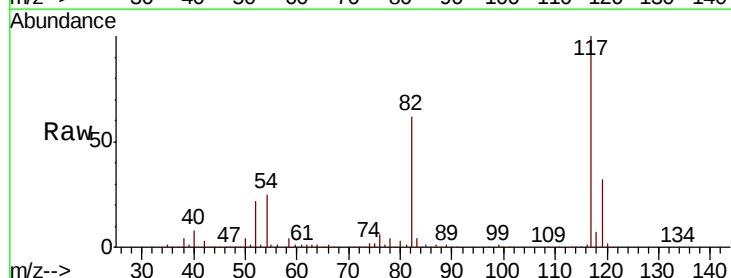
Tgt Ion: 117 Resp: 312170

Ion Ratio Lower Upper

117 100

82 62.2 49.6 74.4

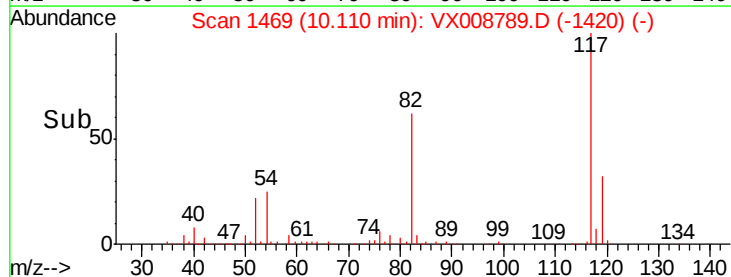
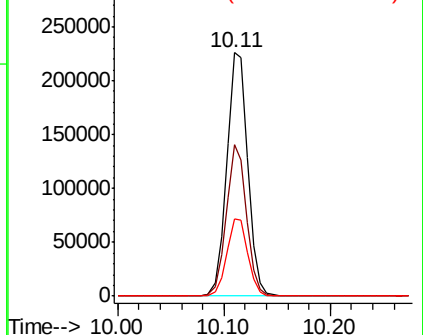
119 31.8 25.0 37.4

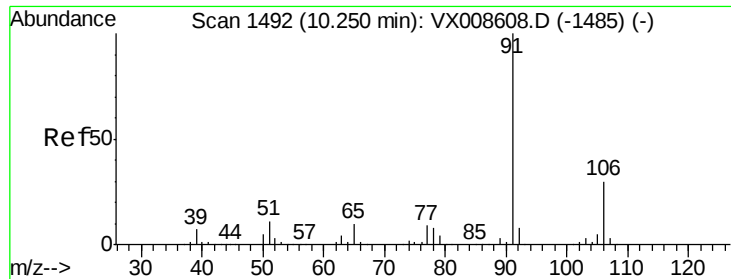


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

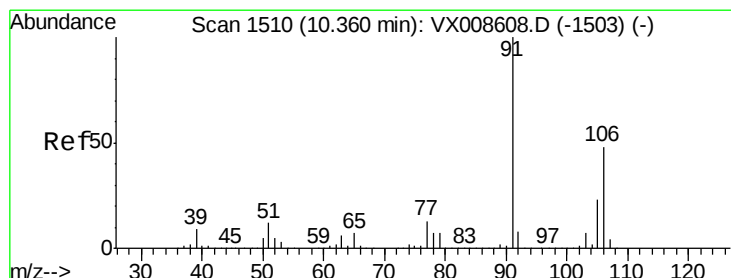
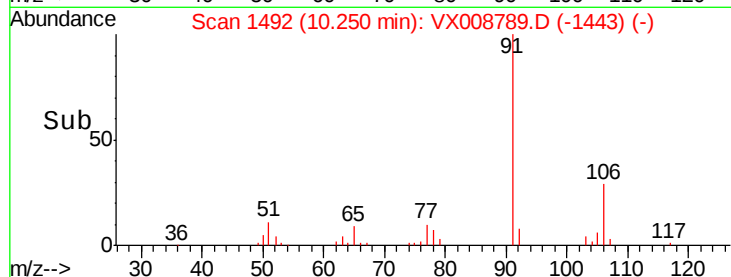
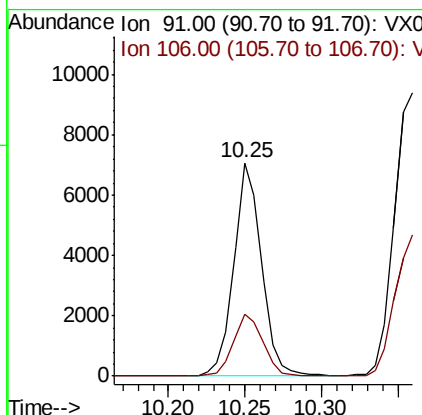
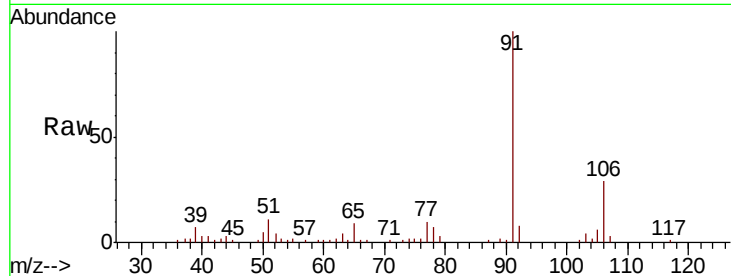




#67
Ethyl Benzene
Concen: 0.689 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

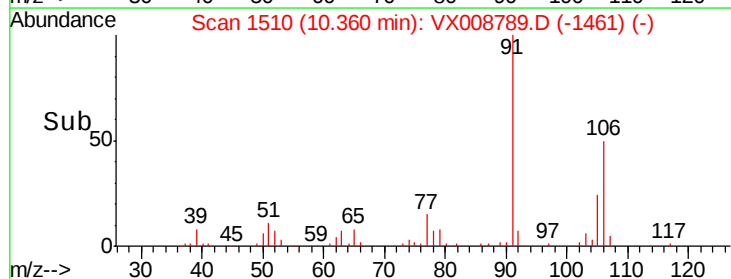
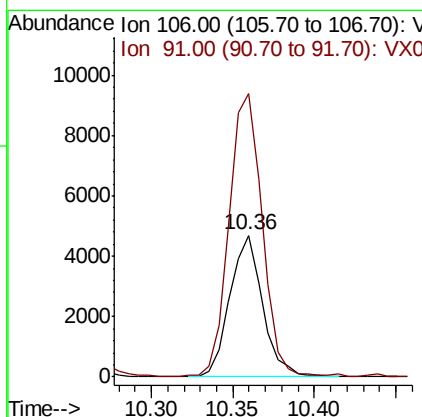
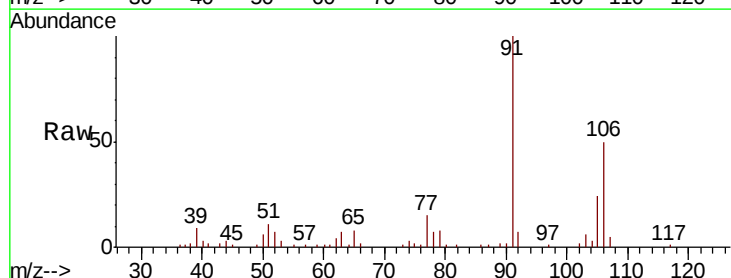
Instrument :
MSVOA_X
ClientSampled :
TP-2-DEEP

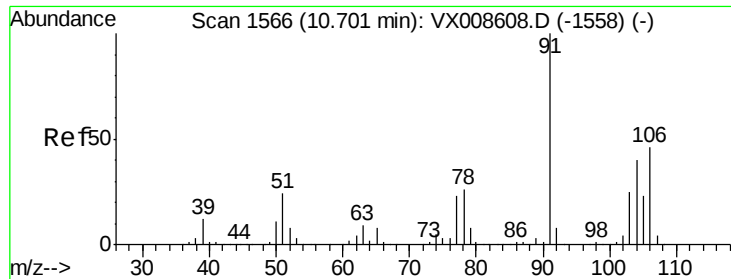
Tot Ion: 91 Resp: 8889
Ion Ratio Lower Upper
91 100
106 29.3 23.7 35.5



#68
m/p-Xylenes
Concen: 1.411 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

Tgt Ion: 106 Resp: 6546
Ion Ratio Lower Upper
106 100
91 203.4 168.5 252.7

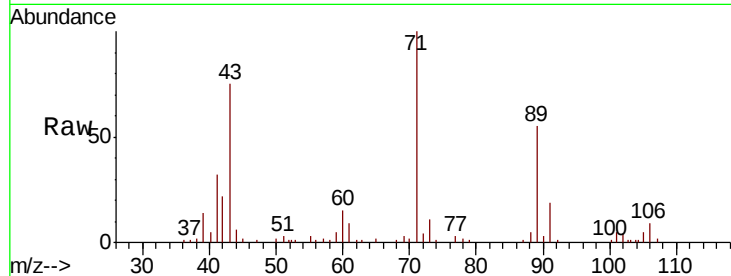




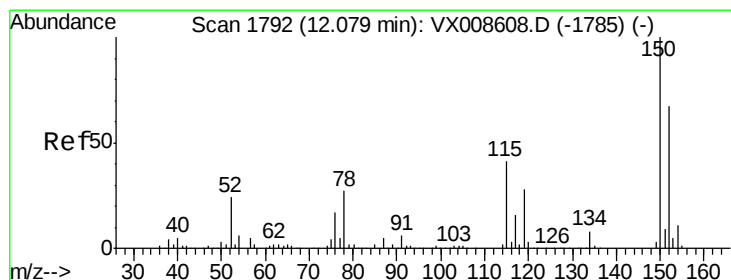
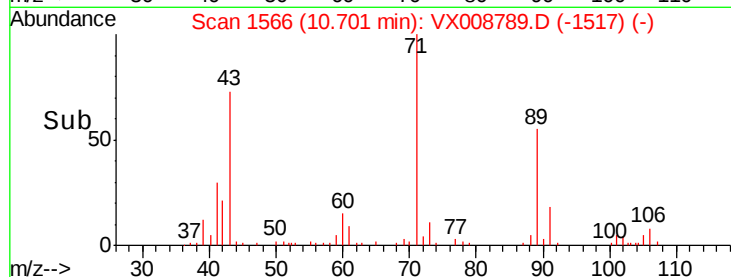
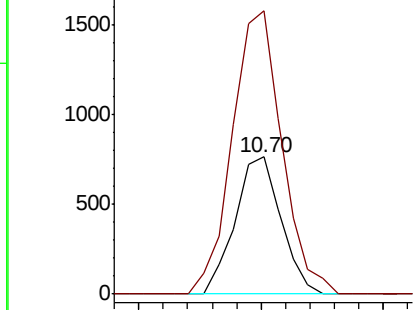
#69
o-Xylene
Concen: 0.223 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

Instrument :
MSVOA_X
ClientSampleId :
TP-2-DEEP

Tot Ion:106 Resp: 1003
Ion Ratio Lower Upper
106 100
91 222.0 111.5 334.4

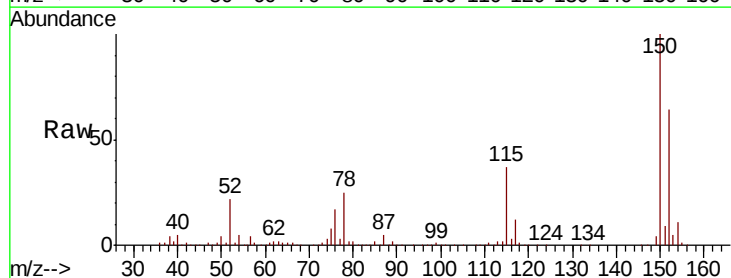


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

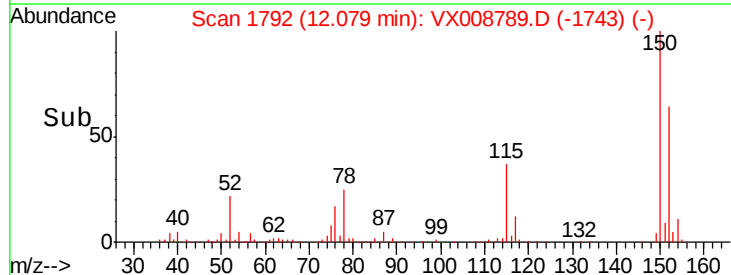
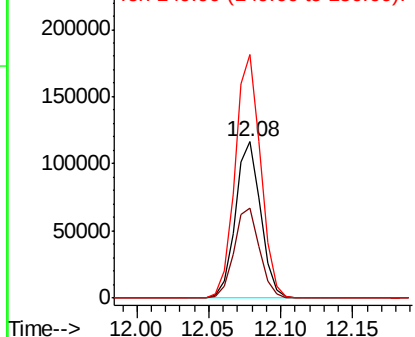


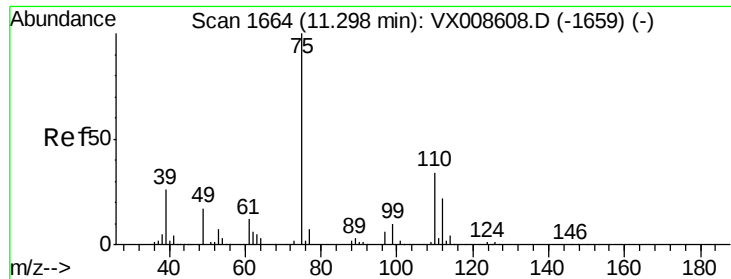
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

Tgt Ion:152 Resp: 142276
Ion Ratio Lower Upper
152 100
115 58.8 43.5 130.5
150 157.3 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





#76

1,2,3-Trichloropropane

Concen: 19.974 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

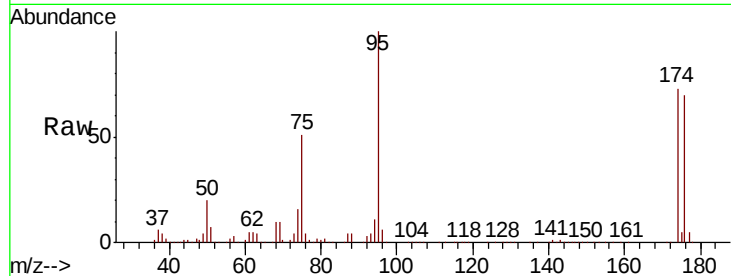
TP-2-DEEP

Tot Ion: 75 Resp: 78069

Ion Ratio Lower Upper

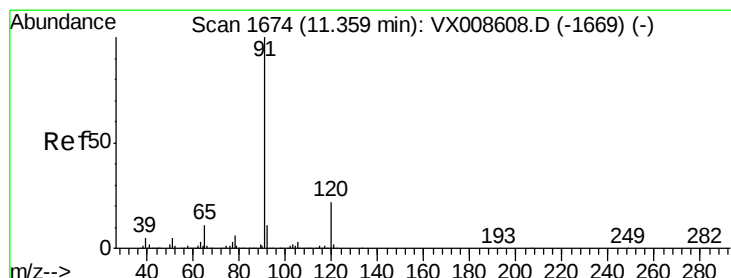
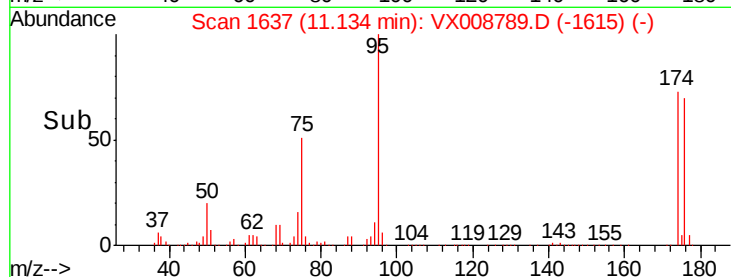
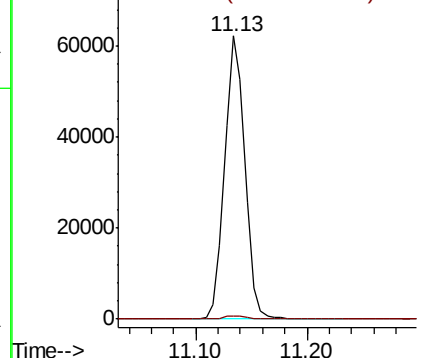
75 100

77 1.4 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.759 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008789.D

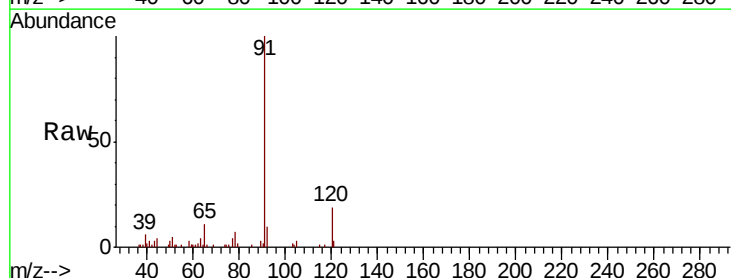
Acq: 09 Apr 2019 22:25

Tgt Ion: 91 Resp: 10426

Ion Ratio Lower Upper

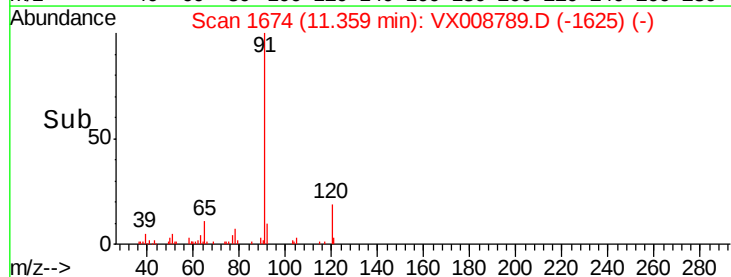
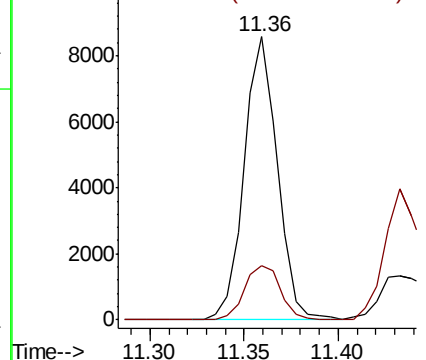
91 100

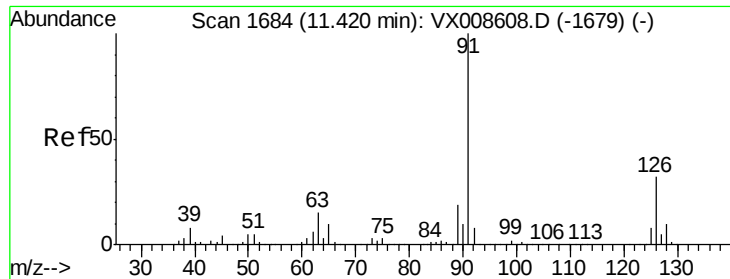
120 20.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

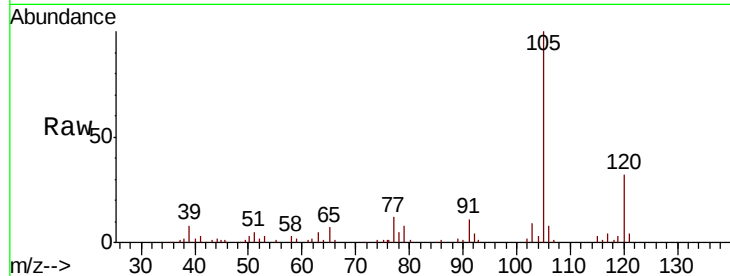




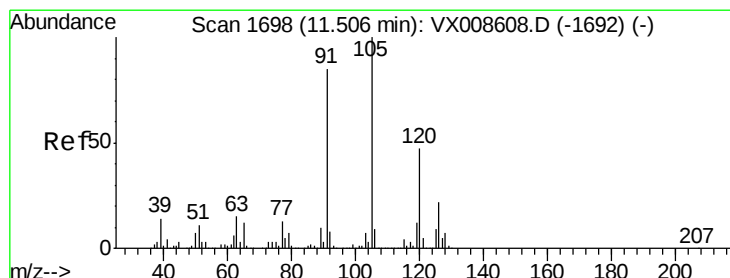
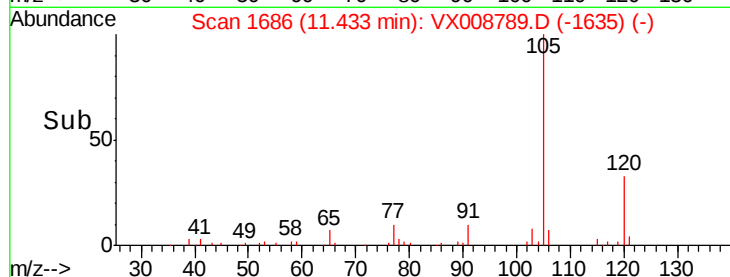
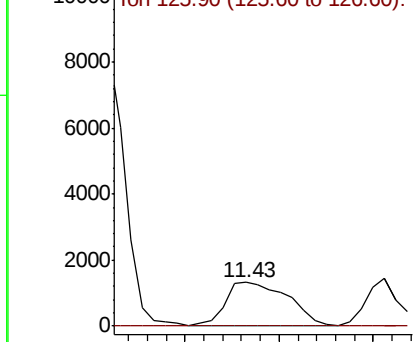
#79
 2-Chlorotoluene
 Concen: 0.369 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX008789.D
 Acq: 09 Apr 2019 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-DEEP

Tot Ion: 91 Resp: 3062
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.1 48.3#

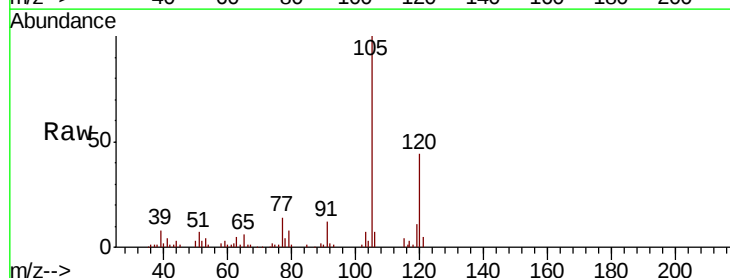


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

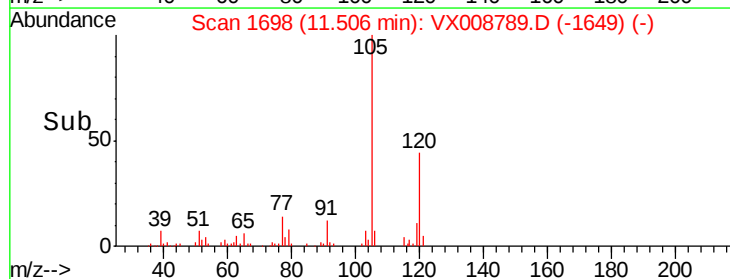
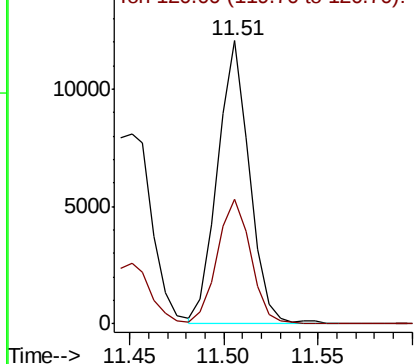


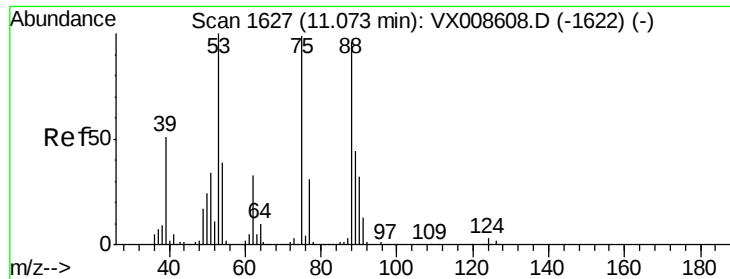
#80
 1,3,5-Trimethylbenzene
 Concen: 1.433 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008789.D
 Acq: 09 Apr 2019 22:25

Tgt Ion:105 Resp: 14181
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.5 70.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 55.060 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

TP-2-DEEP

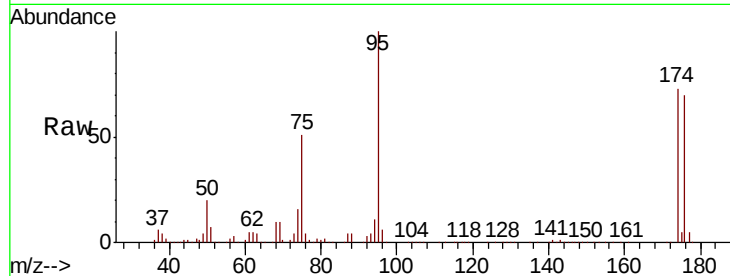
Tot Ion: 75 Resp: 78069

Ion Ratio Lower Upper

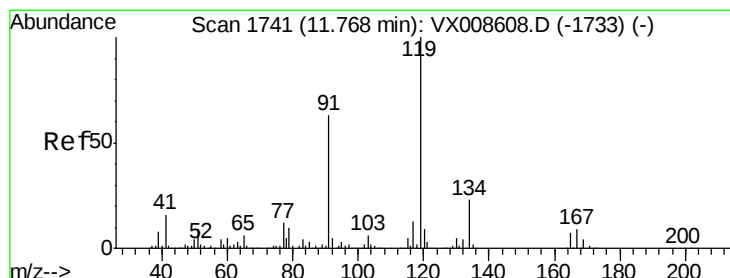
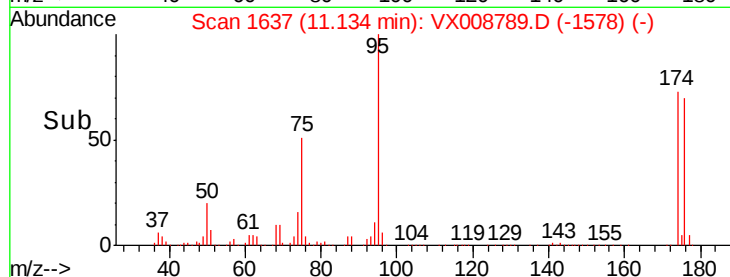
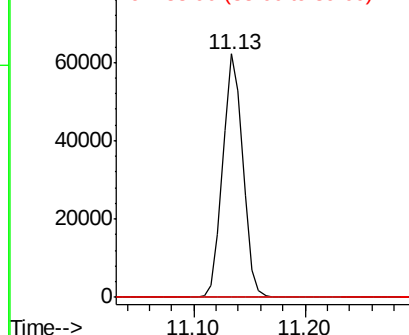
75 100

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



#83

tert-Butylbenzene

Concen: 0.543 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

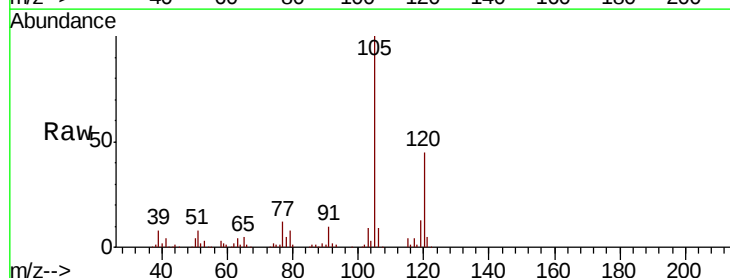
Tgt Ion: 119 Resp: 5166

Ion Ratio Lower Upper

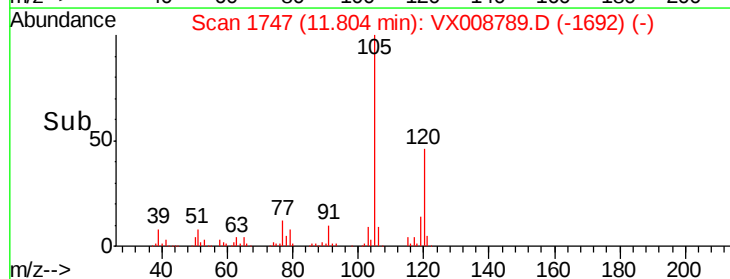
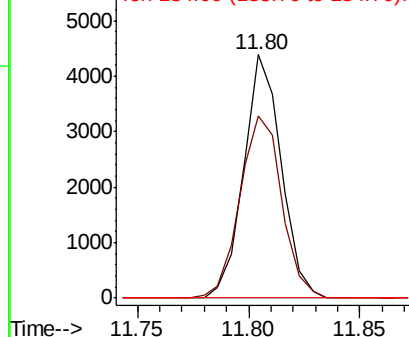
119 100

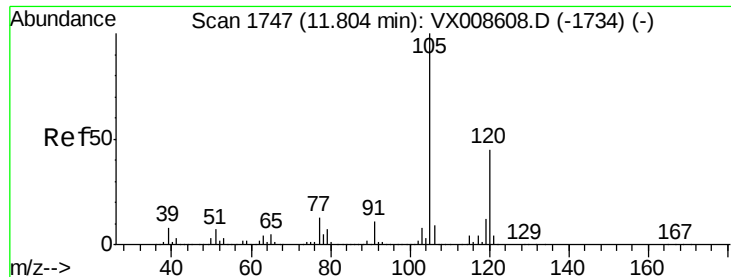
91 83.2 30.0 90.1

134 0.0 11.1 33.3#



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

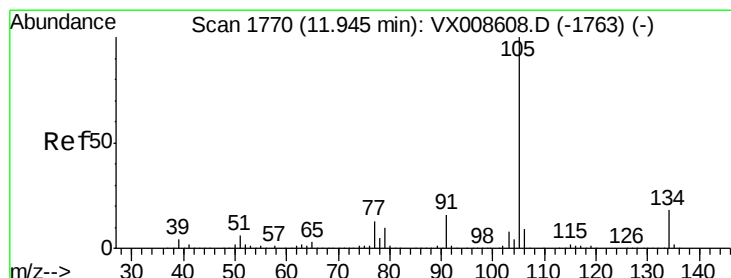
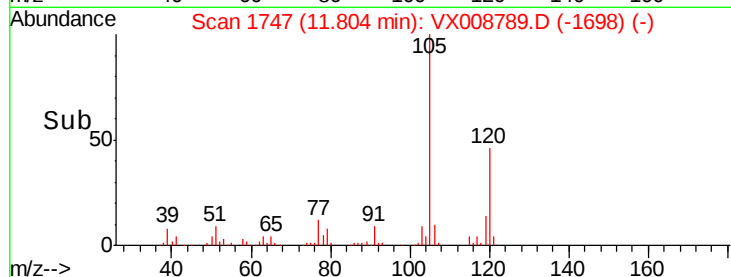
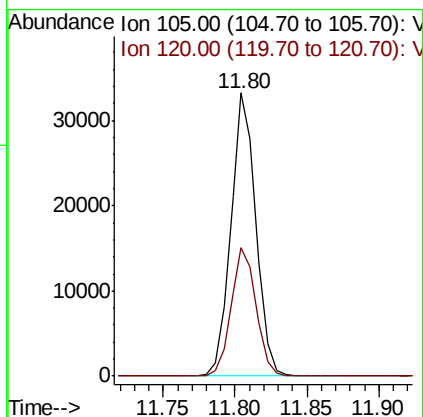
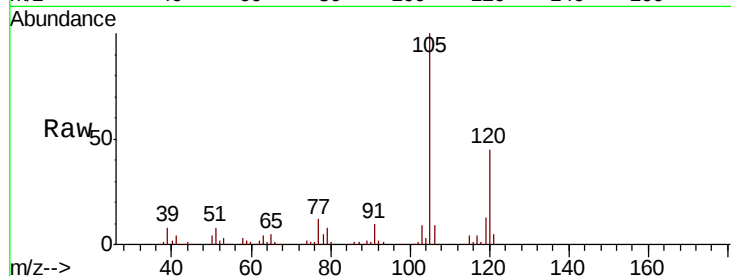




#84
 1,2,4-Trimethylbenzene
 Concen: 4.041 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008789.D
 Acq: 09 Apr 2019 22:25

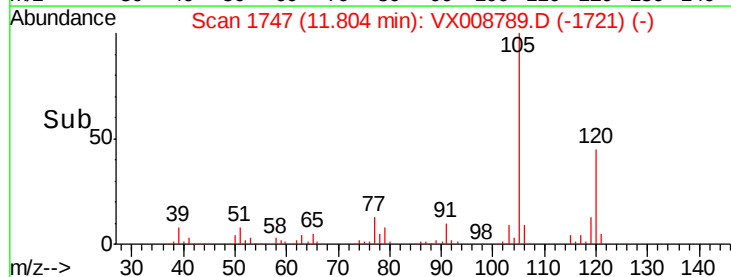
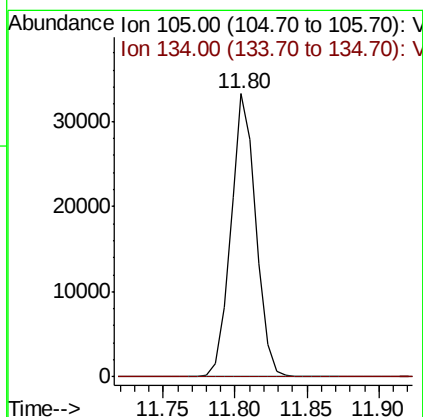
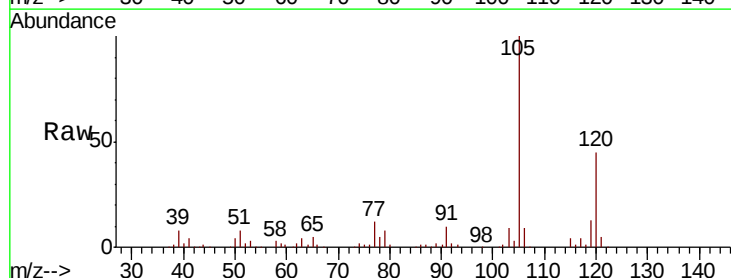
Instrument :
 MSVOA_X
 ClientSampled :
 TP-2-DEEP

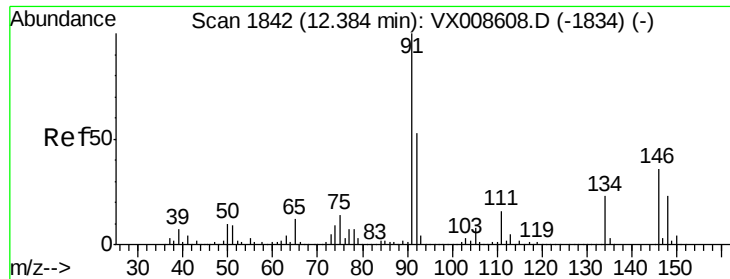
Tot Ion:105 Resp: 40496
 Ion Ratio Lower Upper
 105 100
 120 45.4 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 3.580 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX008789.D
 Acq: 09 Apr 2019 22:25

Tgt Ion:105 Resp: 40496
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.2#

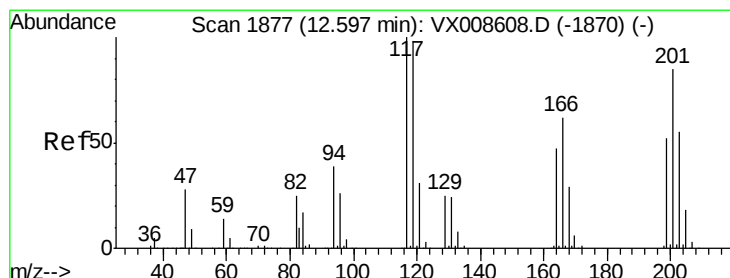
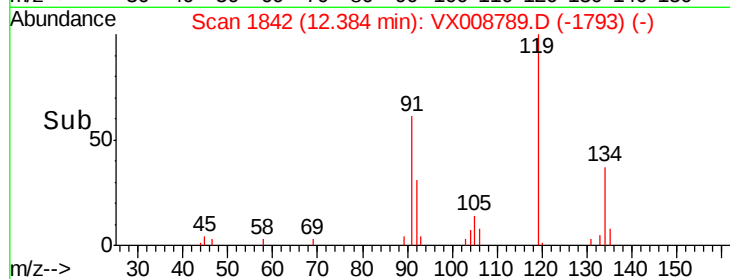
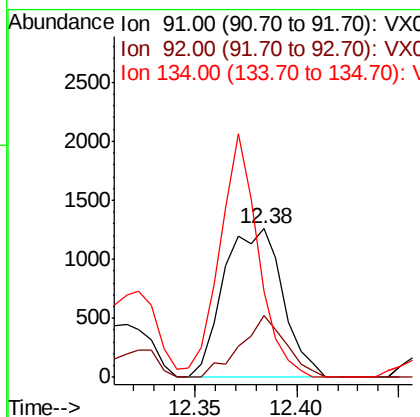
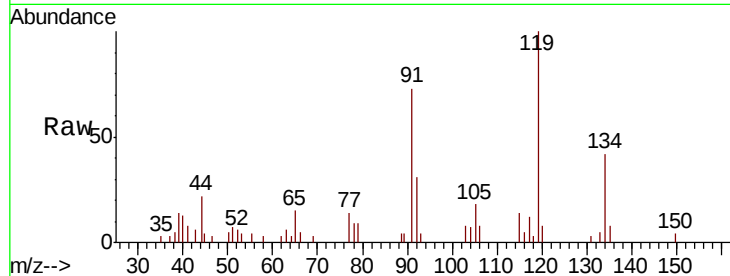




#89
n-Butylbenzene
Concen: 0.266 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

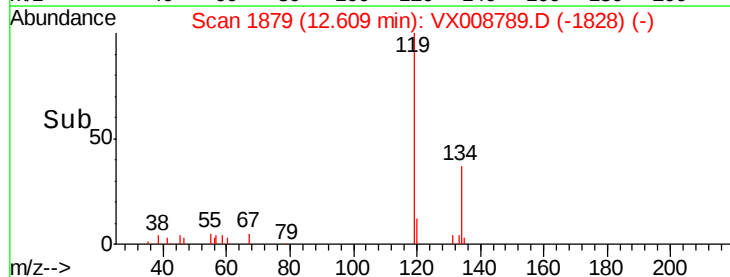
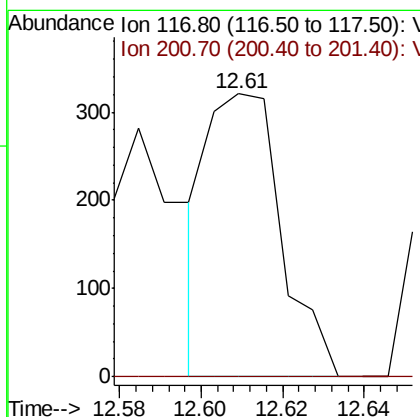
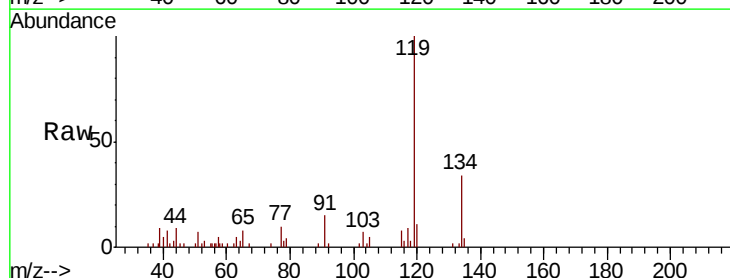
Instrument :
MSVOA_X
ClientSampled :
TP-2-DEEP

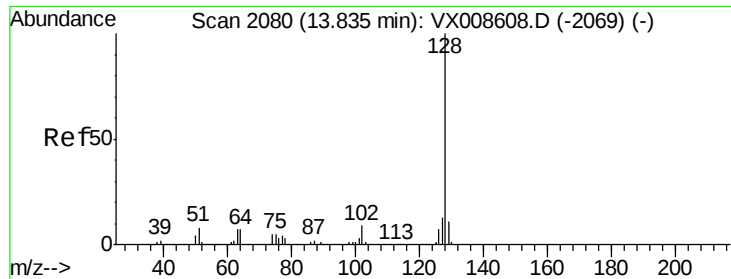
Tot Ion: 91 Resp: 2533
Ion Ratio Lower Upper
91 100
92 32.1 26.4 79.2
134 106.6 12.0 36.0#



#90
Hexachloroethane
Concen: 0.239 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

Tgt Ion: 117 Resp: 403
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#





#95
Naphthalene
Concen: 0.679 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

Instrument :
MSVOA_X
ClientSampleId :
TP-2-DEEP

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.4	15.6
129	12.4	8.6	13.0

