

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040919\
 Data File : VX008782.D
 Acq On : 09 Apr 2019 19:42
 Operator : JC/SP
 Sample : K2309-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HA-040519

Quant Time: Apr 10 06:40:03 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	207785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129812	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	143264	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
35) Dibromofluoromethane	5.50	113	104777	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	
50) Toluene-d8	8.71	98	437507	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	147105	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	371	Below Cal		96
5) Bromomethane	1.64	94	342	2.092 ug/l #		79
6) Chloroethane	1.62	64	1476	Below Cal		100
10) Methyl Iodide	2.54	142	19	4.011 ug/l #		42
11) Tert butyl alcohol	3.03	59	524	0.739 ug/l #		72
13) Acrolein	2.30	56	200	0.568 ug/l #		52
14) Allyl chloride	2.86	41	8711	1.584 ug/l #		30
16) Acetone	2.44	43	13962	7.999 ug/l		98
17) Carbon Disulfide	2.57	76	719	Below Cal #		75
18) Methyl Acetate	2.78	43	1376	0.325 ug/l		98
20) Methylene Chloride	2.86	84	157290	53.832 ug/l		99
25) 2-Butanone	4.68	43	3340	1.211 ug/l #		84
28) Bromochloromethane	5.03	49	19	Below Cal #		22
29) Tetrahydrofuran	5.16	42	1723	0.941 ug/l		99
30) Chloroform	5.21	83	3529	0.753 ug/l #		80
36) 1,1-Dichloropropene	5.66	75	16986	4.486 ug/l #		50
38) Carbon Tetrachloride	5.66	117	20243	6.459 ug/l #		16
43) Isopropyl Acetate	6.45	43	12818	1.619 ug/l		99
47) Bromodichloromethane	7.89	83	1029	0.292 ug/l #		97
48) Methyl methacrylate	7.68	41	7929	1.980 ug/l #		18
49) 1,4-Dioxane	7.76	88	23	0.307 ug/l #		1
51) 4-Methyl-2-Pentanone	8.62	43	90877	17.829 ug/l #		51
54) cis-1,3-Dichloropropene	8.62	75	39500	8.764 ug/l #		57
57) 1,3-Dichloropropane	9.54	76	8048	1.679 ug/l #		43
59) 2-Hexanone	9.54	43	132514	33.453 ug/l #		52
68) m/p-Xylenes	10.36	106	1779	0.397 ug/l		88
69) o-Xylene	10.69	106	882	0.203 ug/l		96
74) N-amyl acetate	10.69	43	12142	1.918 ug/l #		57
76) 1,2,3-Trichloropropane	11.13	75	74296	20.834 ug/l #		34
80) 1,3,5-Trimethylbenzene	11.51	105	3569	0.395 ug/l		98
81) trans-1,4-Dichloro-2-buten	11.13	75	74296	57.430 ug/l #		9
84) 1,2,4-Trimethylbenzene	11.80	105	7162	0.783 ug/l		97
95) Naphthalene	13.83	128	66937	6.266 ug/l		99

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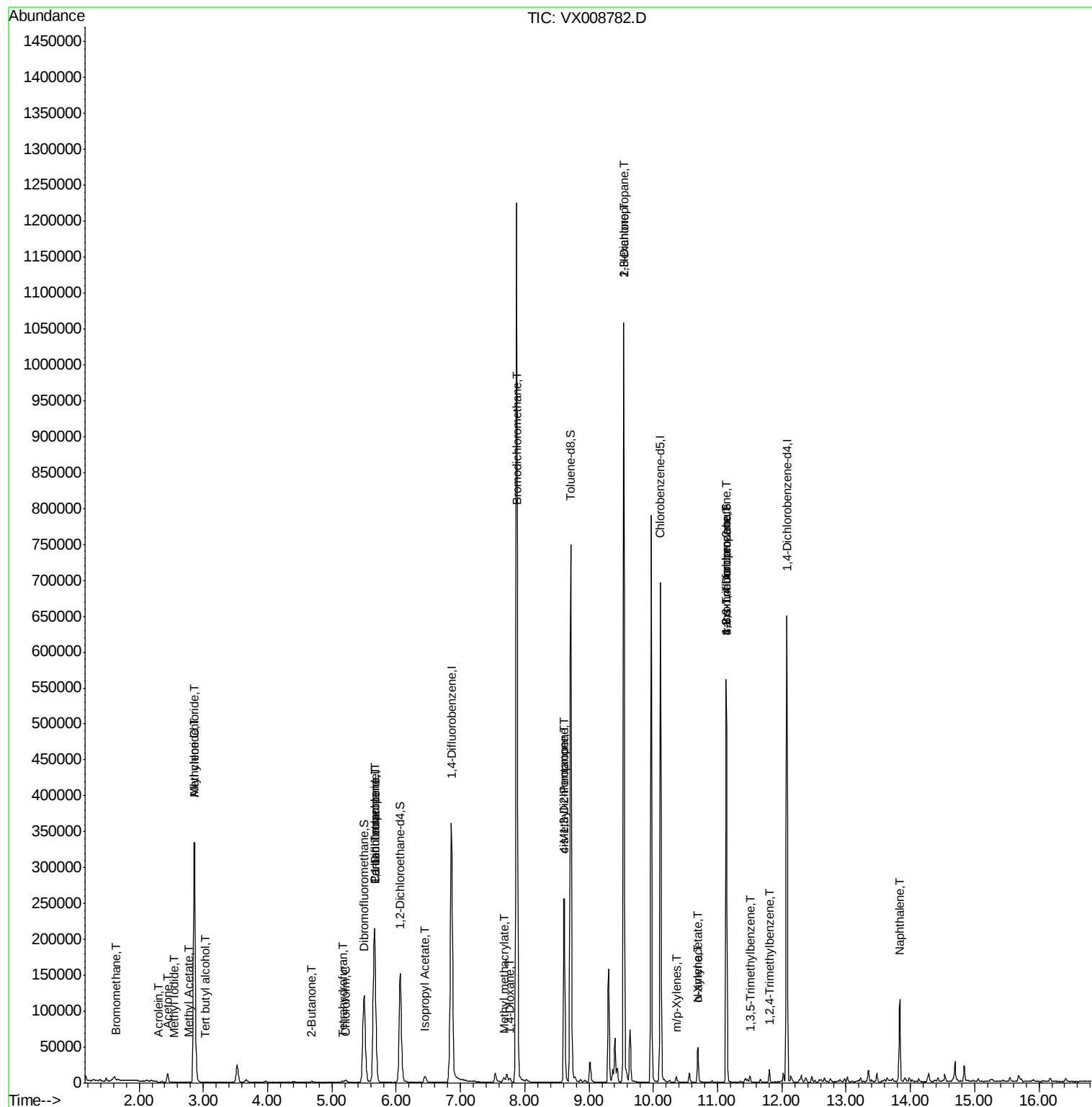
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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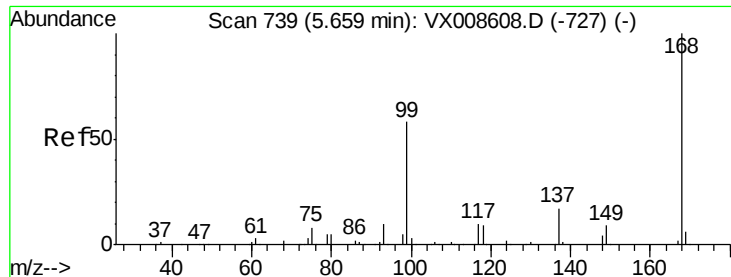
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

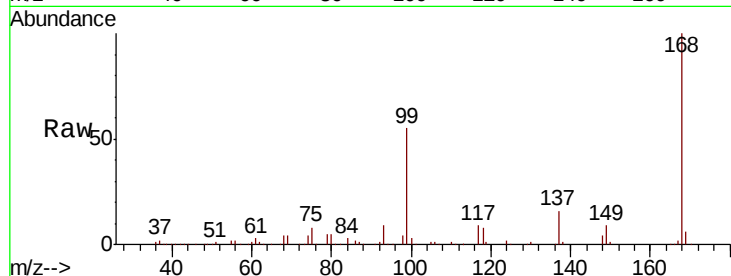
HA-040519

Tot Ion:168 Resp: 207785

Ion Ratio Lower Upper

168 100

99 55.0 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

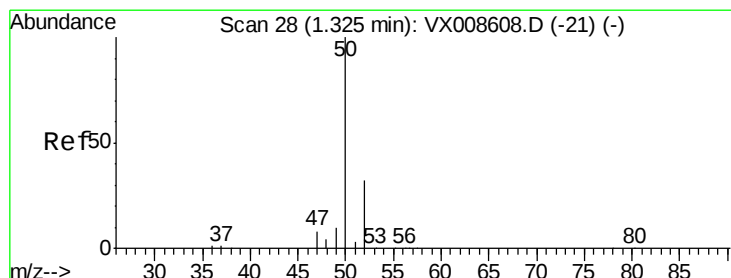
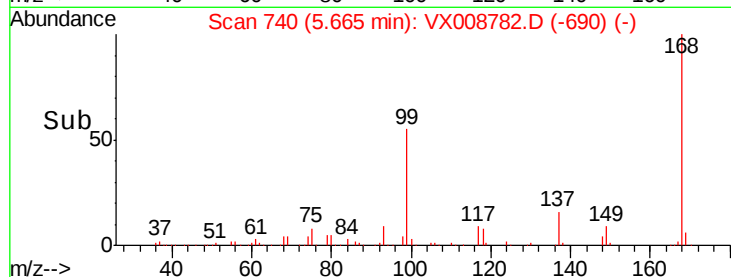
60000

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: VX008782.D

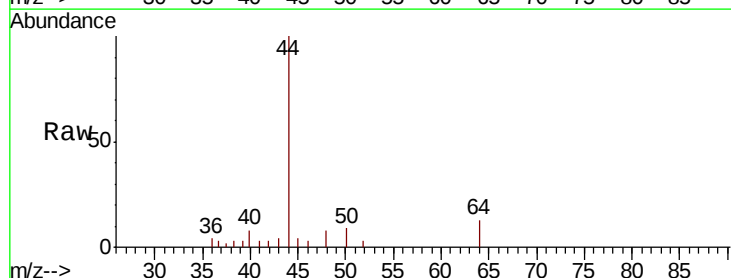
Acq: 09 Apr 2019 19:42

Tgt Ion: 50 Resp: 371

Ion Ratio Lower Upper

50 100

52 29.8 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

250

200

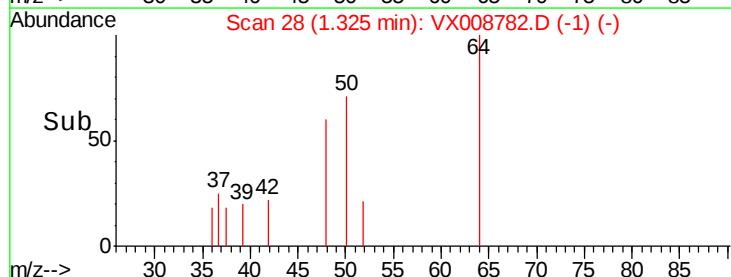
150

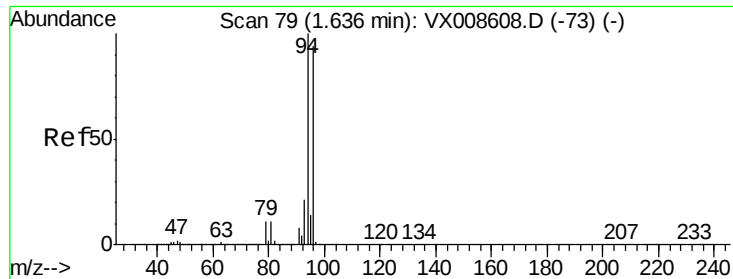
100

50

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: 2.092 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampled :

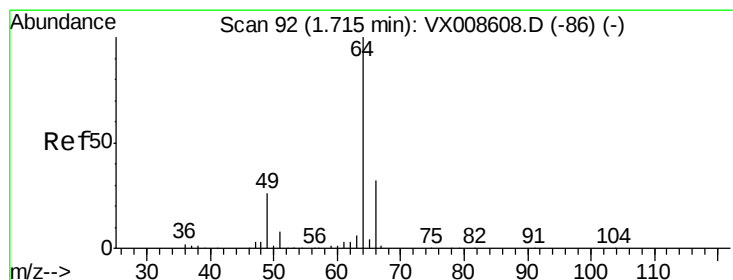
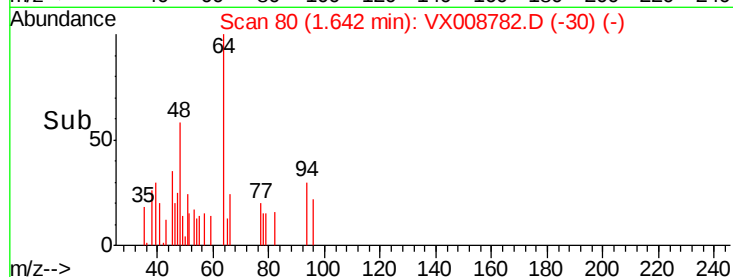
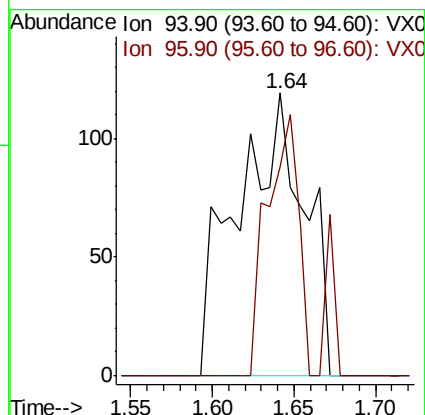
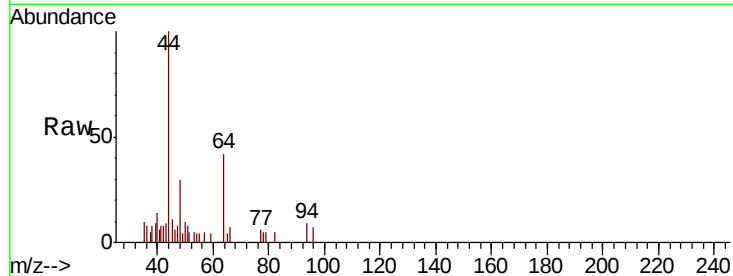
HA-040519

Tot Ion: 94 Resp: 342

Ion Ratio Lower Upper

94 100

96 73.9 75.2 112.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.62 min Scan# 77

Delta R.T. -0.09 min

Lab File: VX008782.D

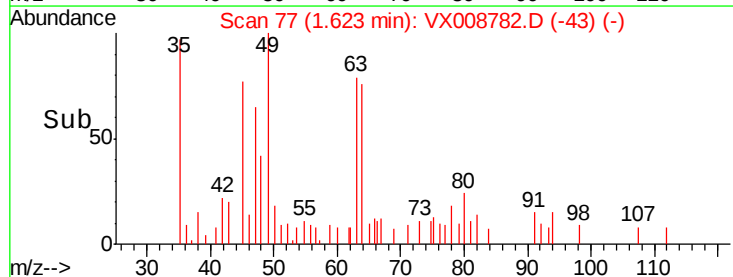
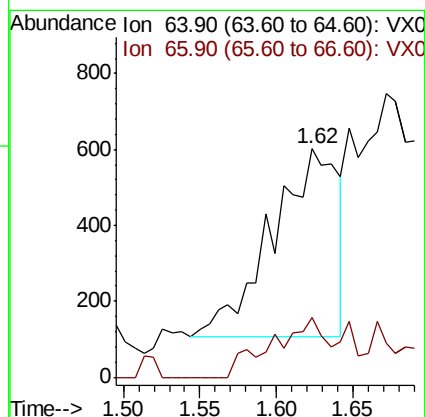
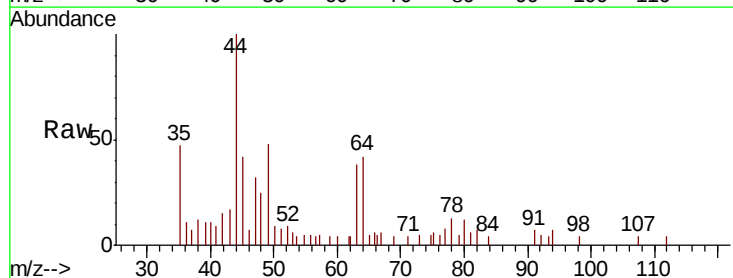
Acq: 09 Apr 2019 19:42

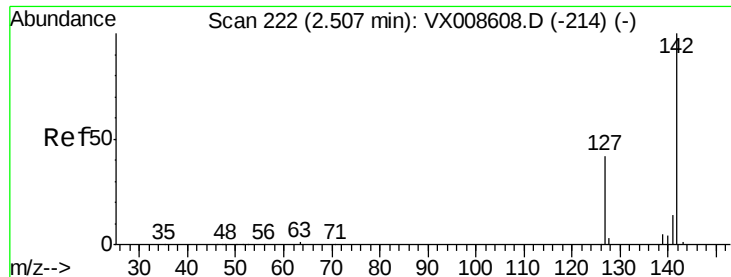
Tgt Ion: 64 Resp: 1476

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.0

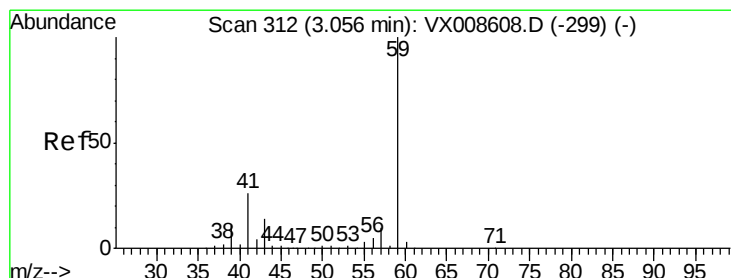
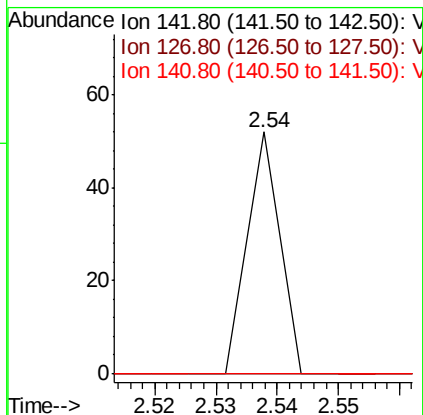
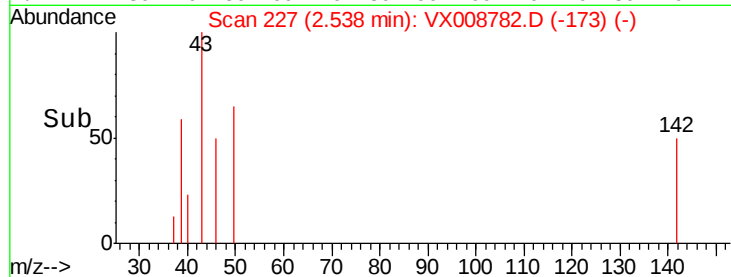
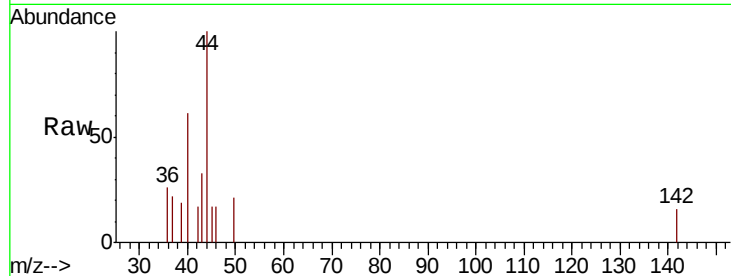




#10
Methvl Iodide
Concen: 4.011 ug/l
RT: 2.54 min Scan# 227
Delta R.T. 0.03 min
Lab File: VX008782.D
Acq: 09 Apr 2019 19:42

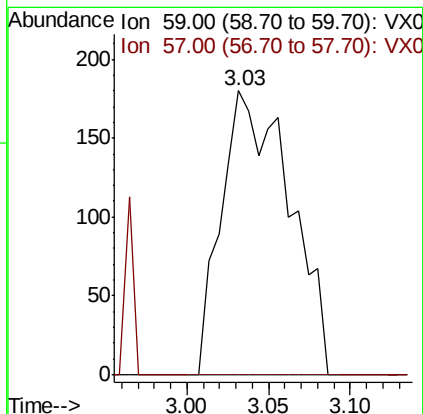
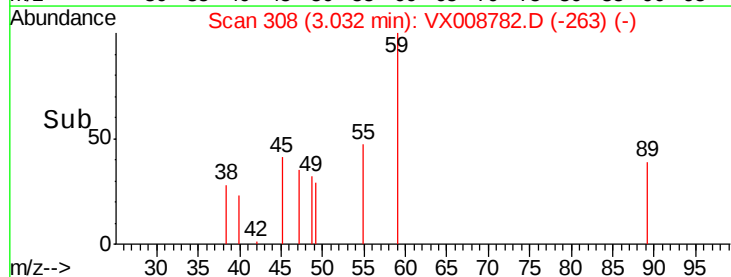
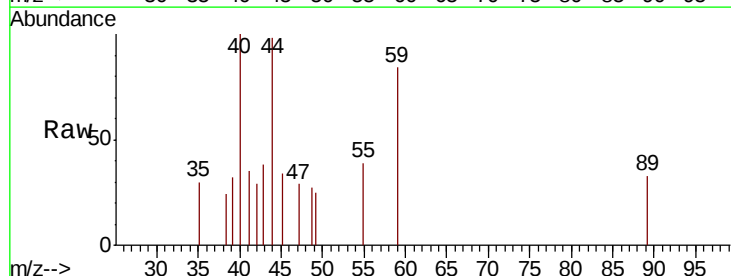
Instrument :
MSVOA_X
ClientSampled :
HA-040519

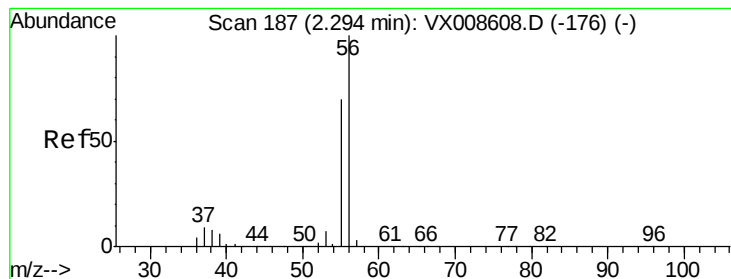
Tot Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 33.0 49.6#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.739 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX008782.D
Acq: 09 Apr 2019 19:42

Tgt Ion: 59 Resp: 524
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.568 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

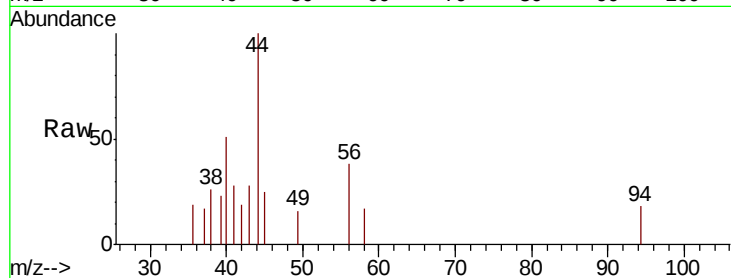
HA-040519

Tot Ion: 56 Resp: 200

Ion Ratio Lower Upper

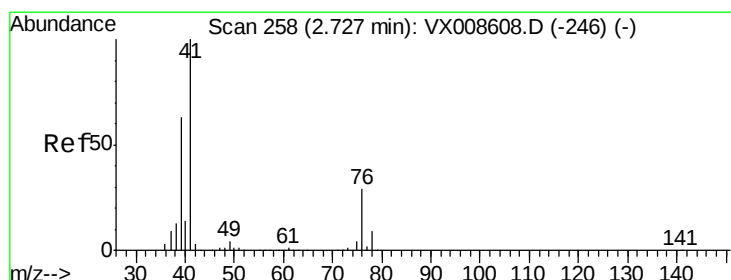
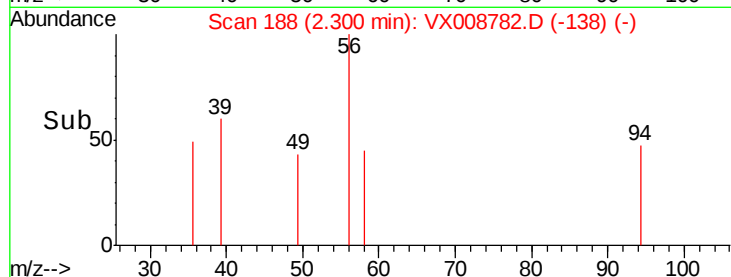
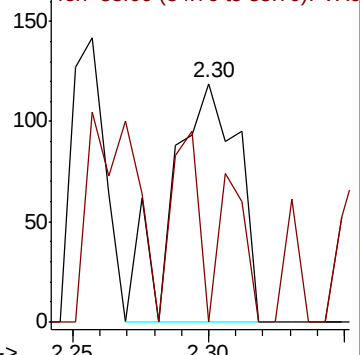
56 100

55 32.5 58.0 87.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.584 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.13 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

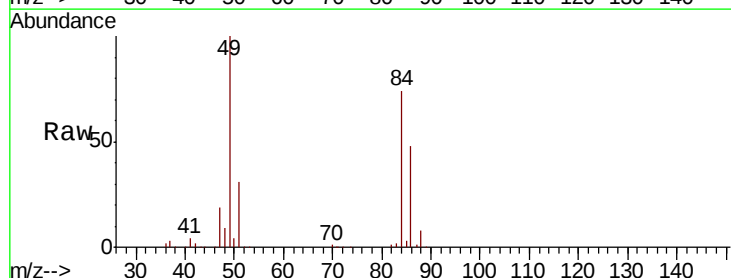
Tgt Ion: 41 Resp: 8711

Ion Ratio Lower Upper

41 100

39 1.0 48.0 72.0#

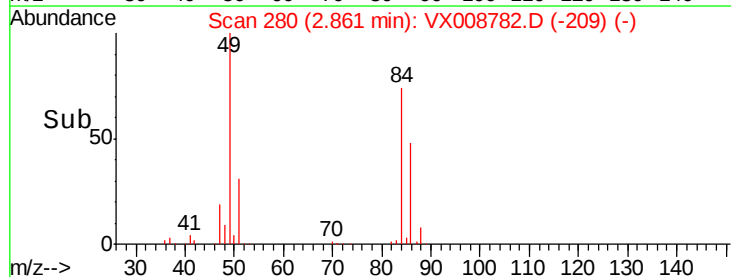
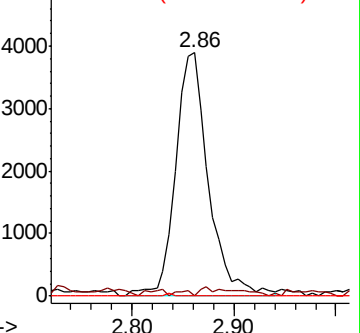
76 0.0 22.0 33.0#

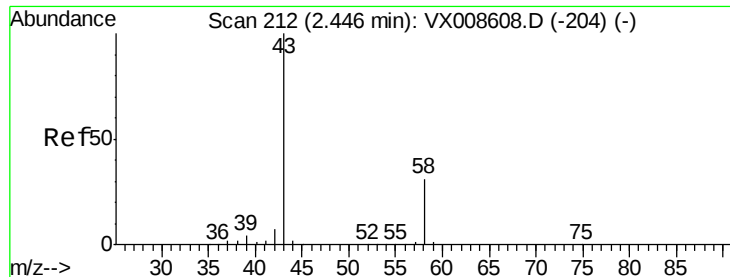


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 7.999 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampled :

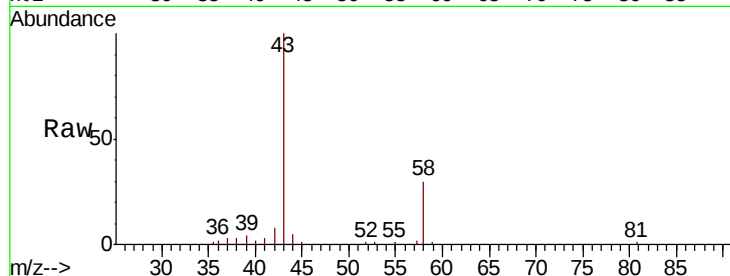
HA-040519

Tot Ion: 43 Resp: 13962

Ion Ratio Lower Upper

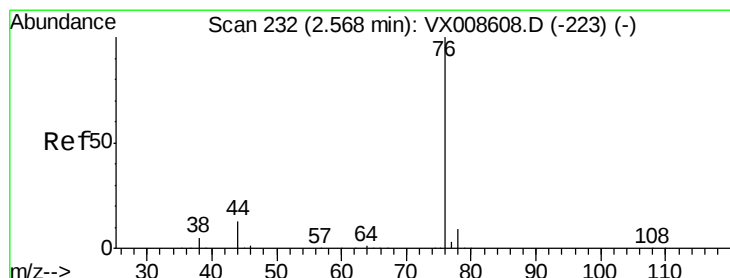
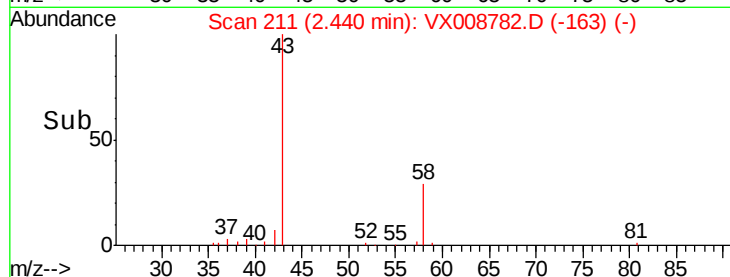
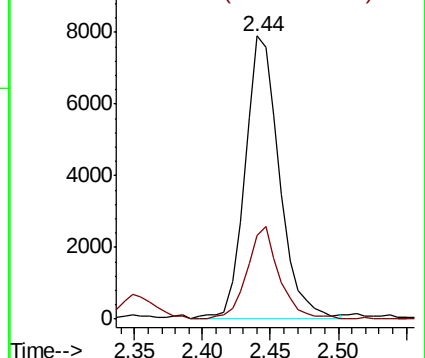
43 100

58 29.8 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# 233

Delta R.T. 0.01 min

Lab File: VX008782.D

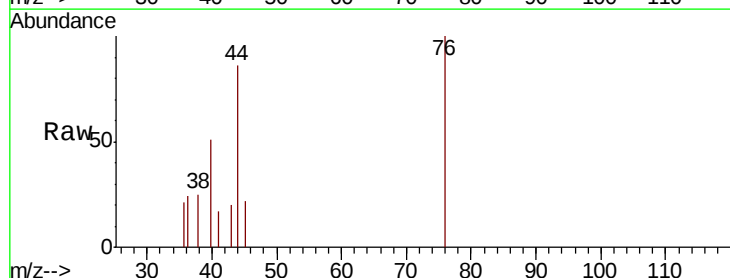
Acq: 09 Apr 2019 19:42

Tgt Ion: 76 Resp: 719

Ion Ratio Lower Upper

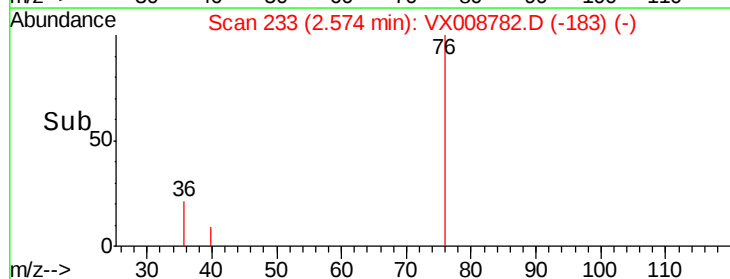
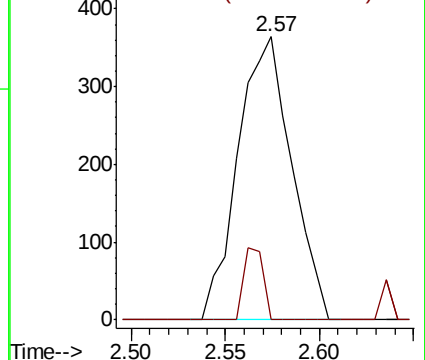
76 100

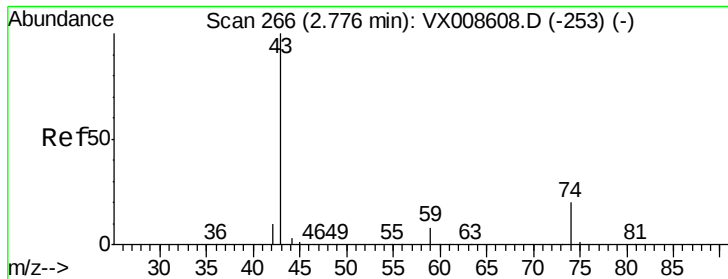
78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

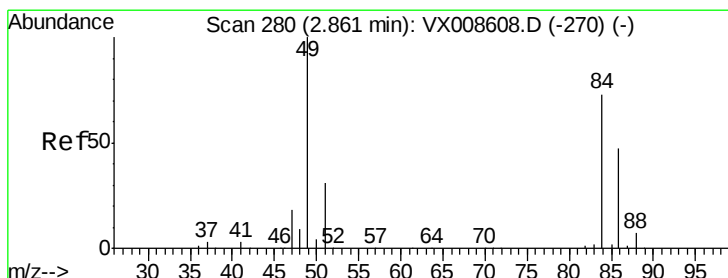
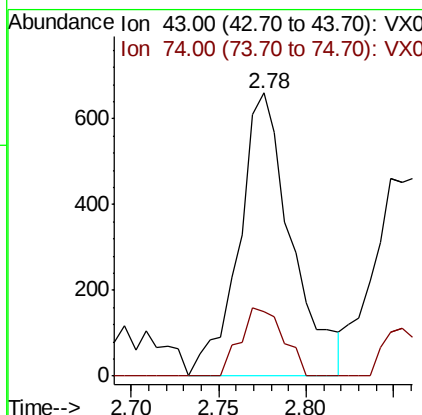
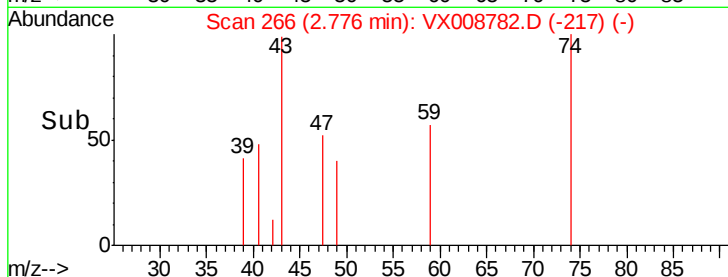
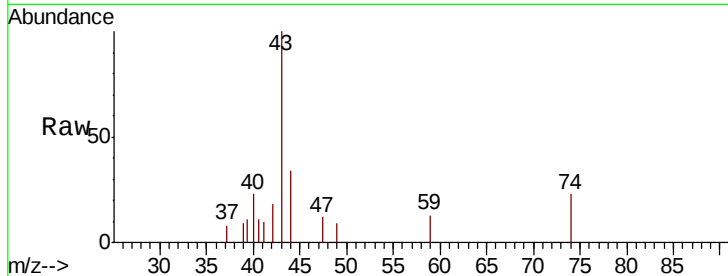




#18
Methyl Acetate
Concen: 0.325 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008782.D
Acq: 09 Apr 2019 19:42

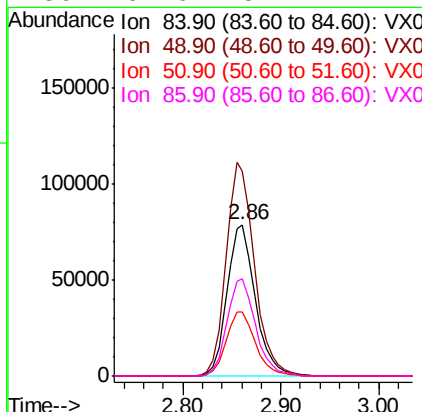
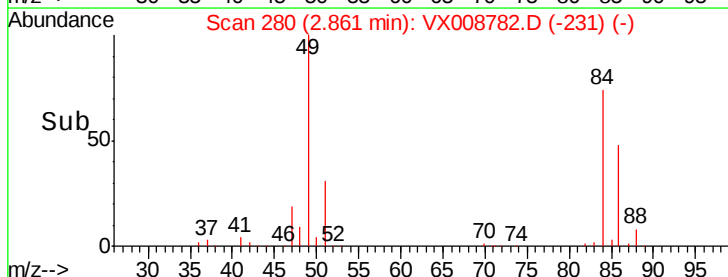
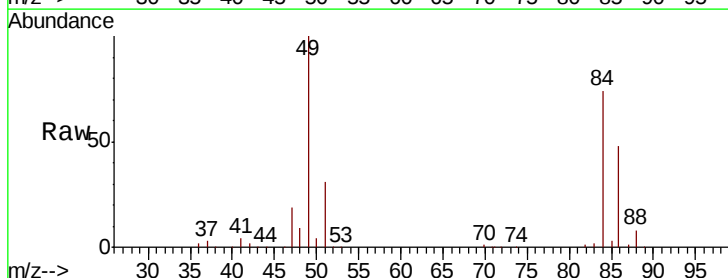
Instrument :
MSVOA_X
ClientSampleId :
HA-040519

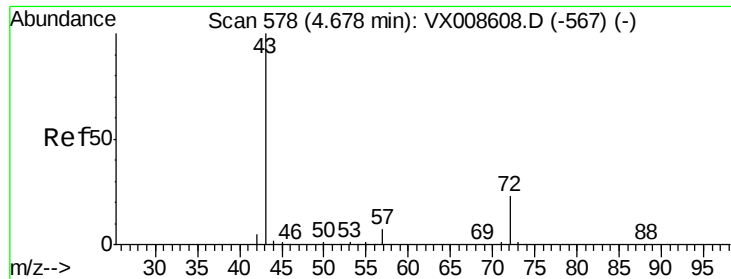
Tot Ion: 43 Resp: 1376
Ion Ratio Lower Upper
43 100
74 19.7 16.5 24.7



#20
Methylene Chloride
Concen: 53.832 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008782.D
Acq: 09 Apr 2019 19:42

Tgt Ion: 84 Resp: 157290
Ion Ratio Lower Upper
84 100
49 135.9 109.7 164.5
51 42.4 33.6 50.4
86 64.6 51.4 77.2





#25

2-Butanone

Concen: 1.211 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampled :

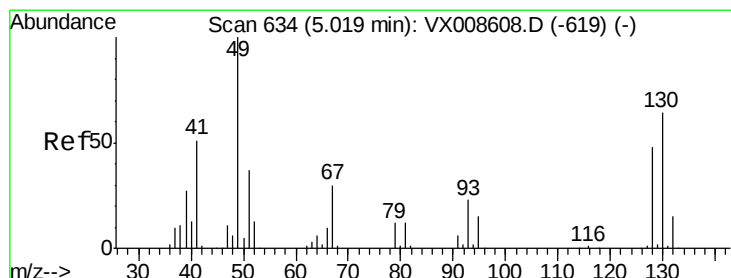
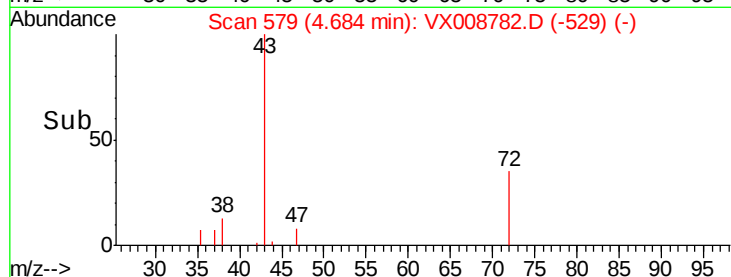
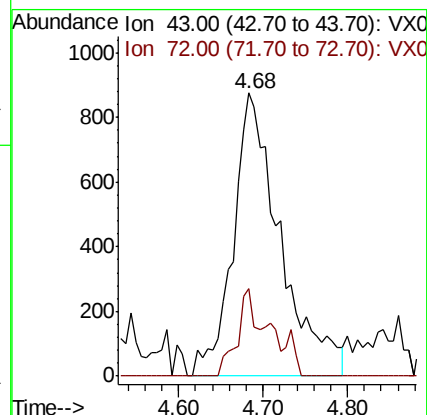
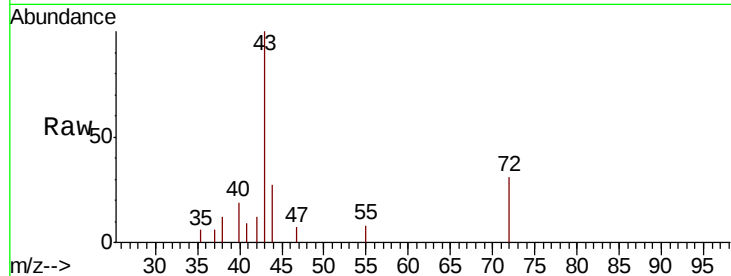
HA-040519

Tot Ion: 43 Resp: 3340

Ion Ratio Lower Upper

43 100

72 30.7 18.2 27.4#



#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

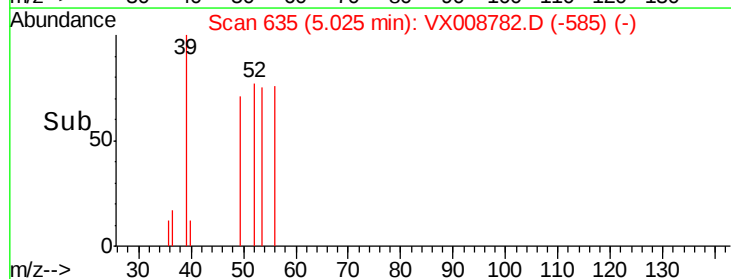
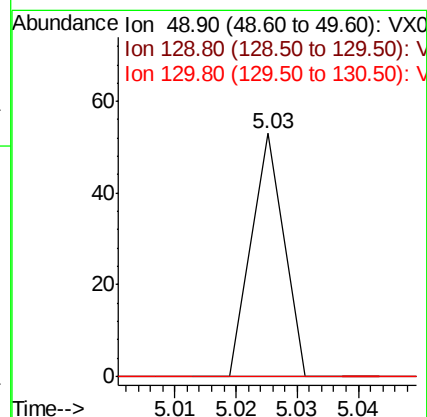
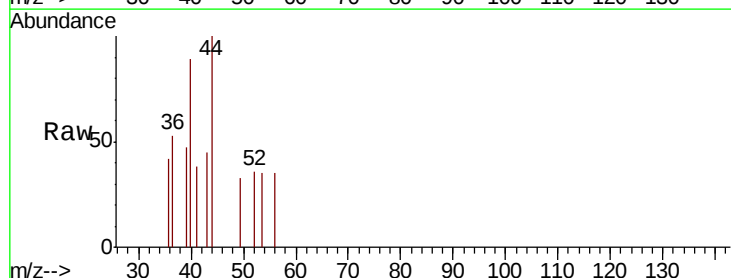
Tgt Ion: 49 Resp: 19

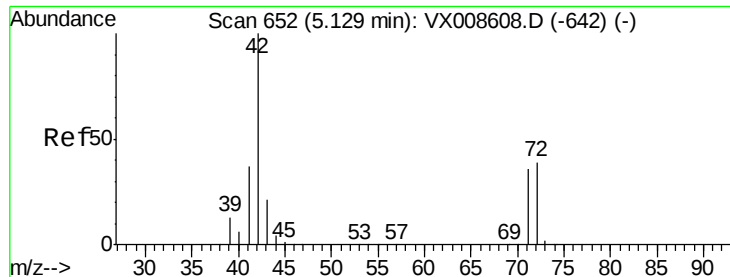
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 0.0 49.3 73.9#

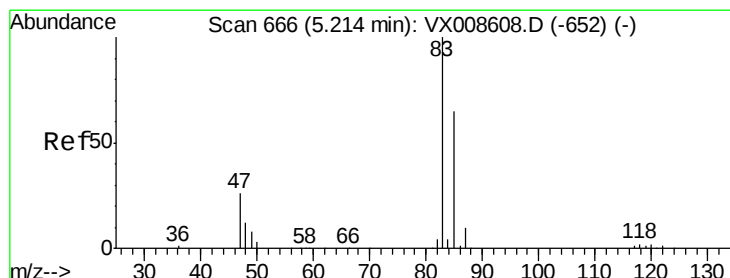
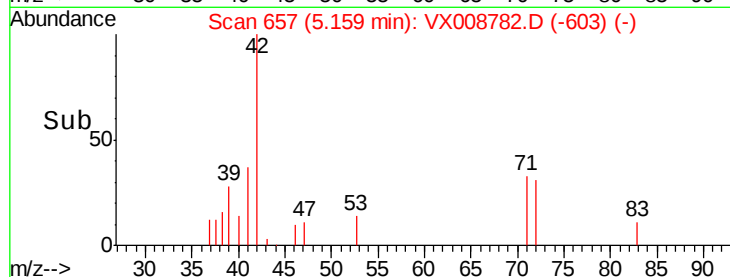
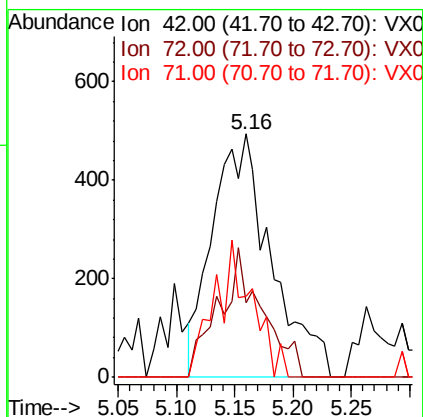
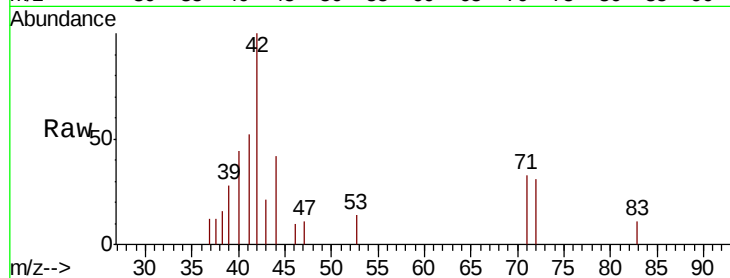




#29
Tetrahydrofuran
Concen: 0.941 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.03 min
Lab File: VX008782.D
Acq: 09 Apr 2019 19:42

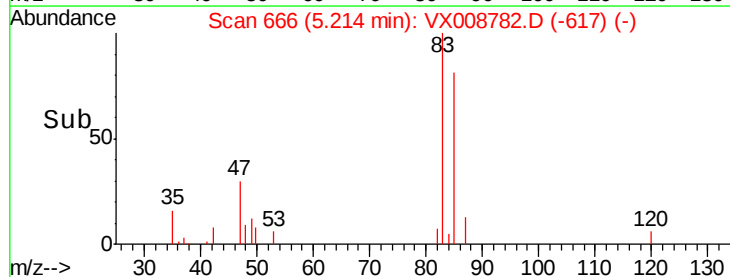
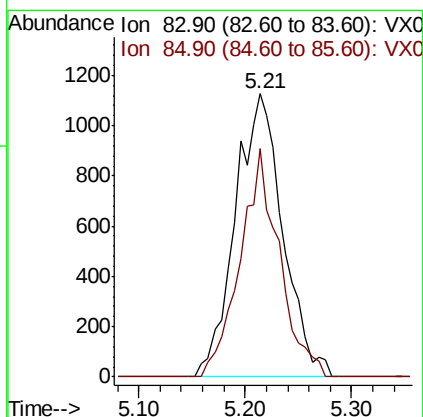
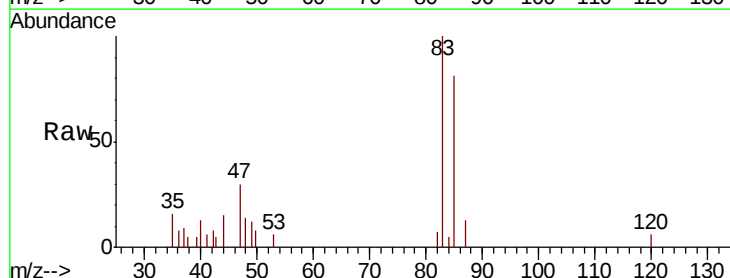
Instrument :
MSVOA_X
ClientSampled :
HA-040519

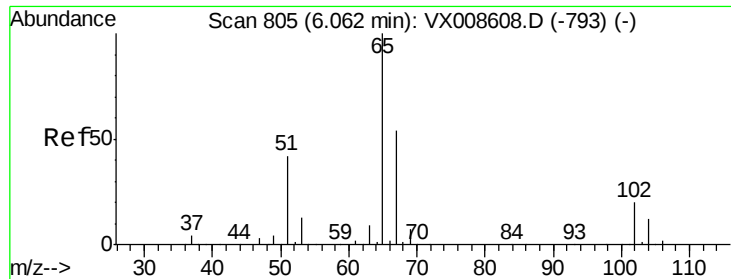
Tot Ion: 42 Resp: 1723
Ion Ratio Lower Upper
42 100
72 39.5 30.5 45.7
71 35.8 28.6 43.0



#30
Chloroform
Concen: 0.753 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008782.D
Acq: 09 Apr 2019 19:42

Tgt Ion: 83 Resp: 3529
Ion Ratio Lower Upper
83 100
85 80.6 52.1 78.1#





#33

1,2-Dichloroethane-d4

Concen: 47.271 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

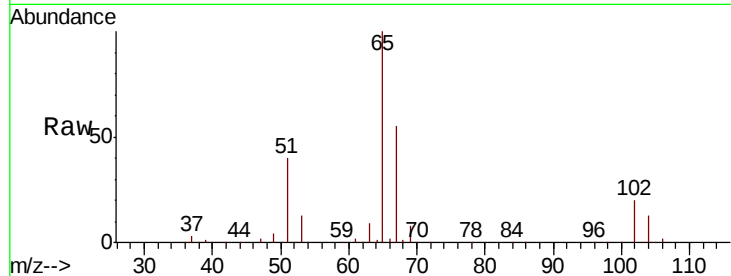
HA-040519

Tot Ion: 65 Resp: 143264

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

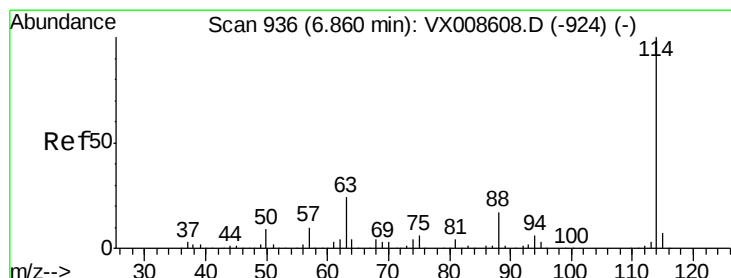
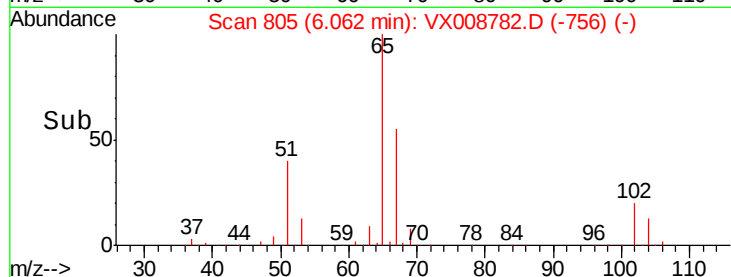
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

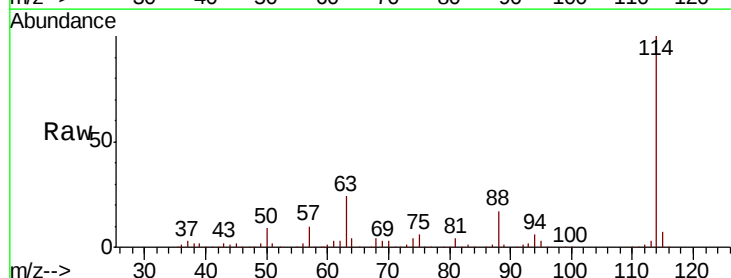
Tgt Ion: 114 Resp: 346428

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.2

88 16.7 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

200000

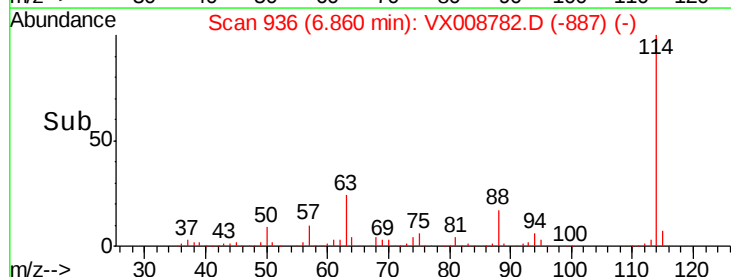
150000

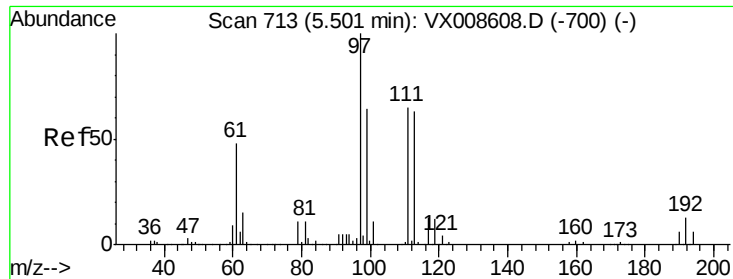
100000

50000

0

Time-->

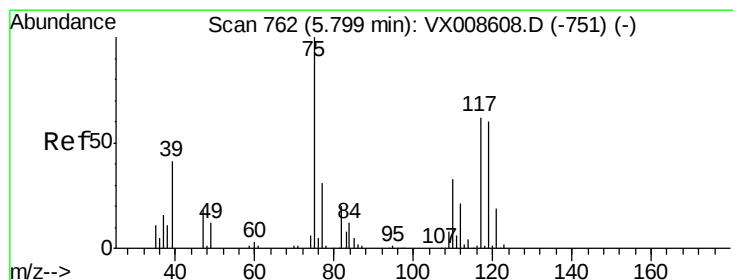
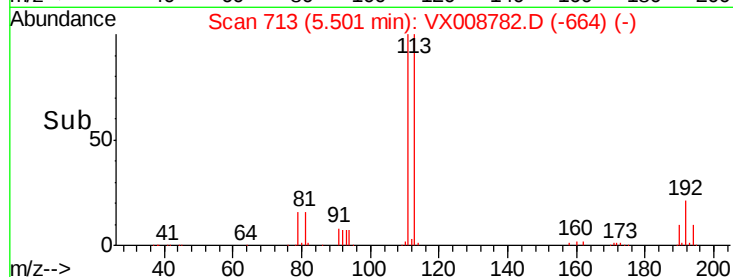
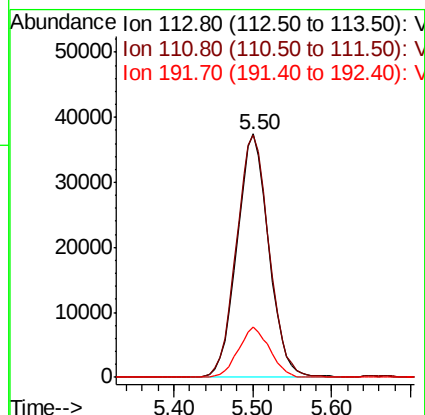
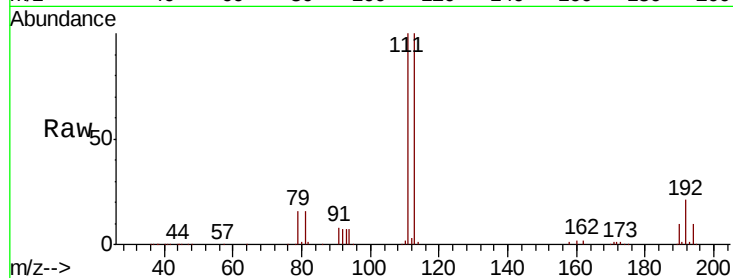




#35
 Dibromofluoromethane
 Concen: 47.305 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008782.D
 Acq: 09 Apr 2019 19:42

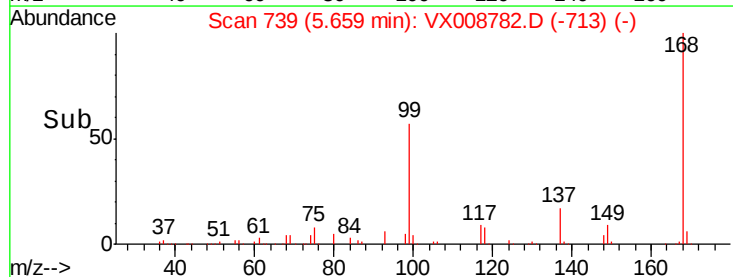
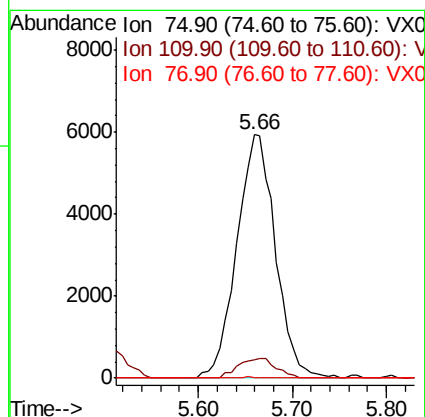
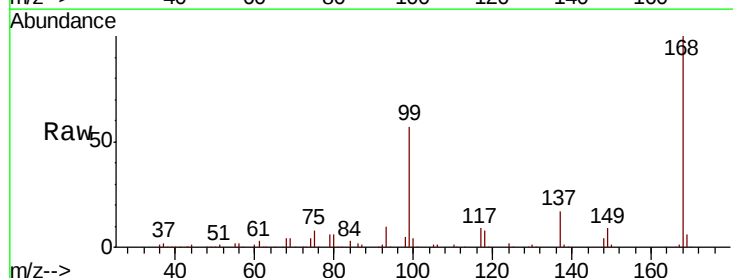
Instrument :
 MSVOA_X
 ClientSampleId :
 HA-040519

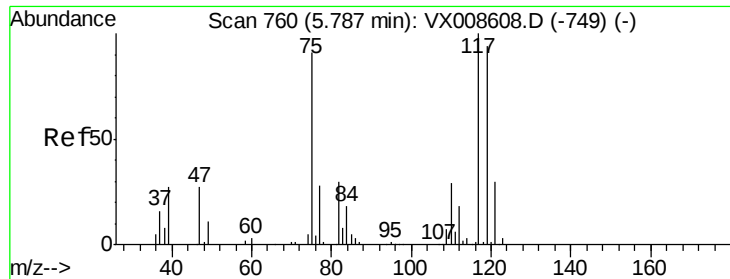
Tot Ion:113 Resp: 104777
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.4 125.2
 192 20.5 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 4.486 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008782.D
 Acq: 09 Apr 2019 19:42

Tgt Ion: 75 Resp: 16986
 Ion Ratio Lower Upper
 75 100
 110 7.9 16.4 49.2#
 77 0.1 24.7 37.1#

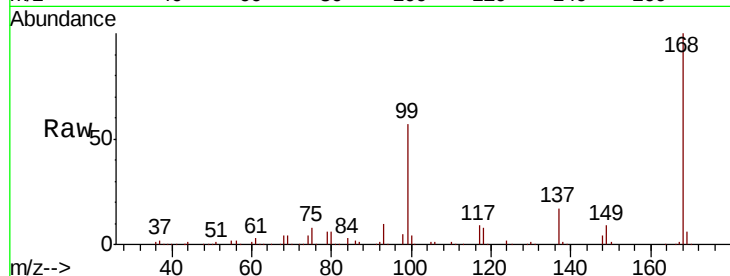




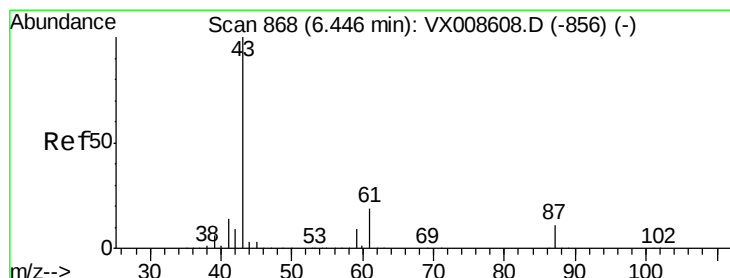
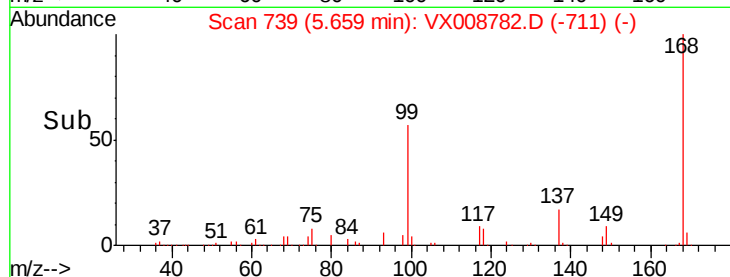
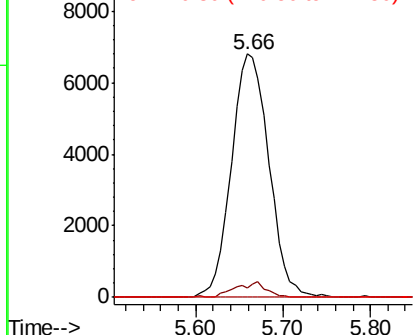
#38
Carbon Tetrachloride
Concen: 6.459 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008782.D
Acq: 09 Apr 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
HA-040519

Tot Ion:117 Resp: 20243
Ion Ratio Lower Upper
117 100
119 4.0 75.0 112.6#
121 0.0 24.3 36.5#

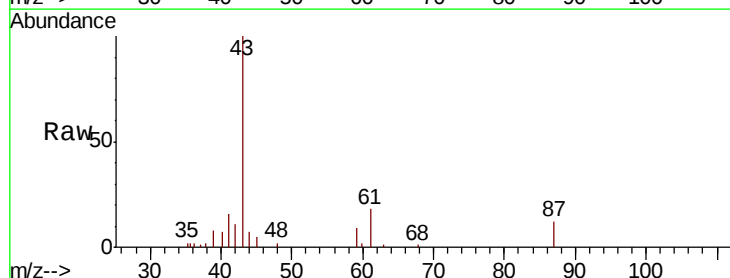


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

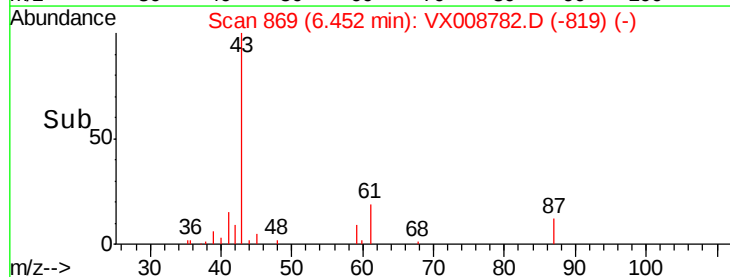
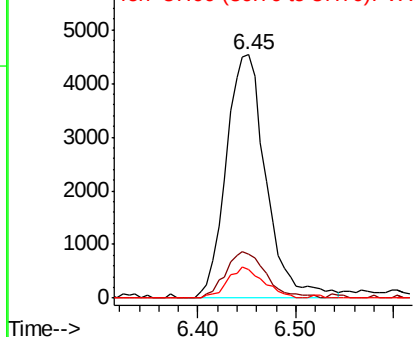


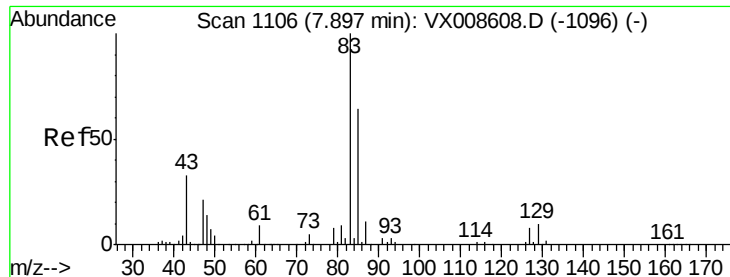
#43
Isopropyl Acetate
Concen: 1.619 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX008782.D
Acq: 09 Apr 2019 19:42

Tgt Ion: 43 Resp: 12818
Ion Ratio Lower Upper
43 100
61 19.4 15.3 22.9
87 11.6 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





#47

Bromodichloromethane

Concen: 0.292 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

HA-040519

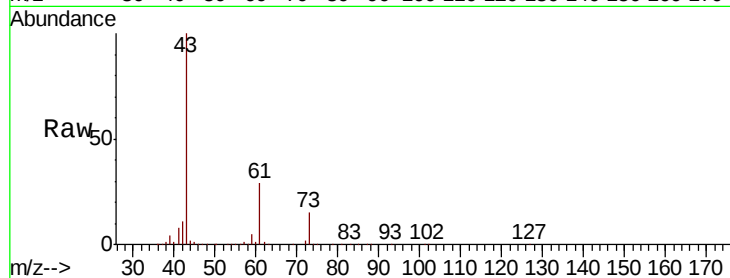
Tot Ion: 83 Resp: 1029

Ion Ratio Lower Upper

83 100

85 62.1 51.2 76.8

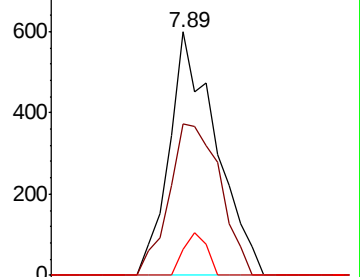
127 10.7 6.6 10.0#



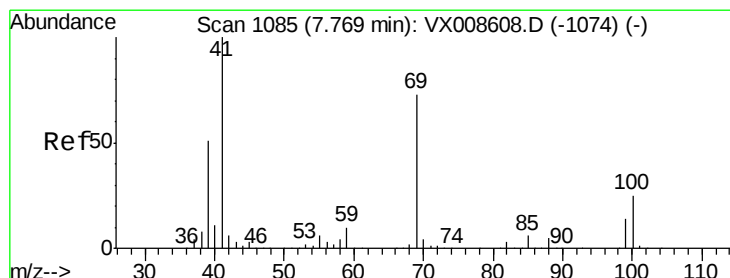
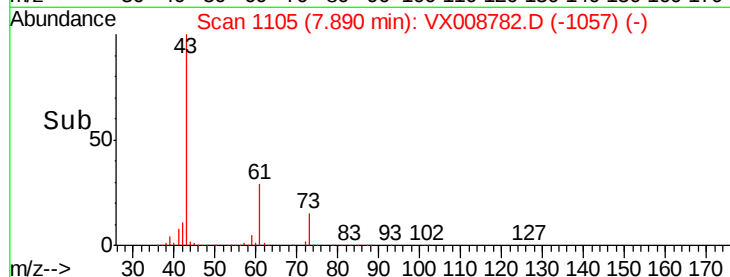
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



Time-->



#48

Methyl methacrylate

Concen: 1.980 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

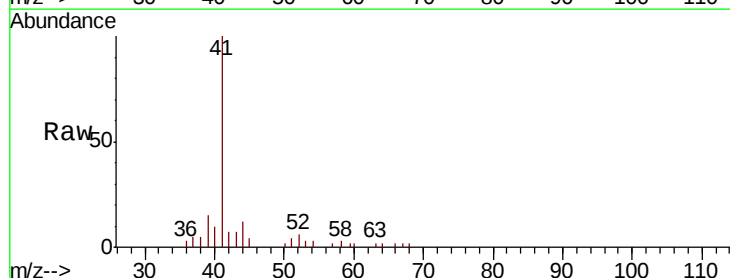
Tgt Ion: 41 Resp: 7929

Ion Ratio Lower Upper

41 100

69 0.0 59.0 88.4#

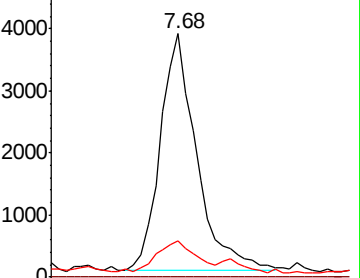
39 0.0 41.0 61.4#



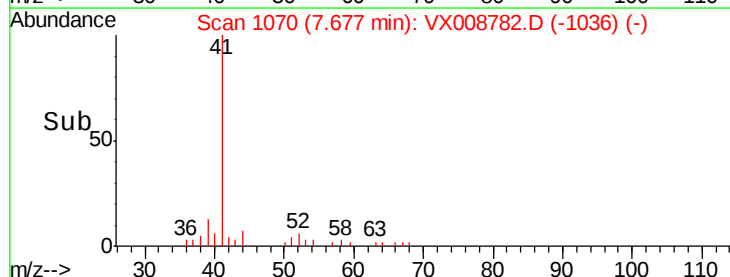
Abundance Ion 41.00 (40.70 to 41.70): VX0

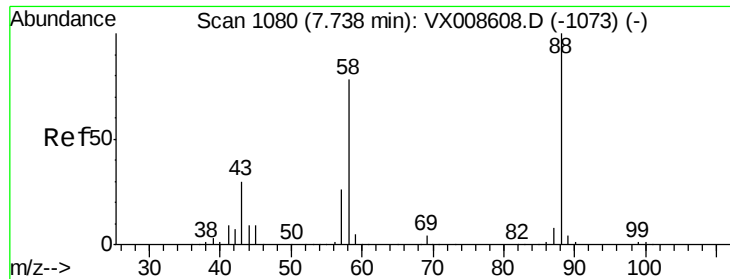
Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->

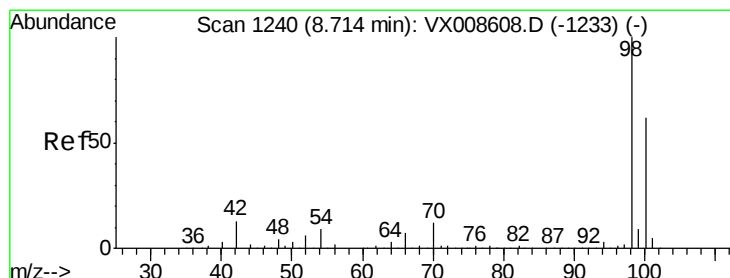
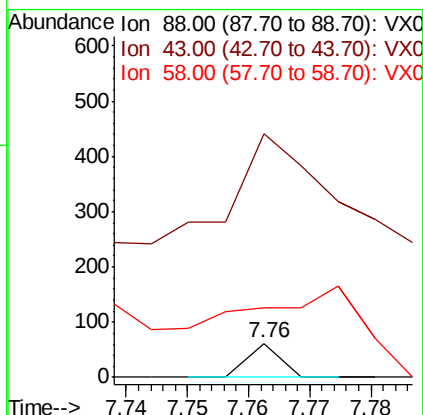
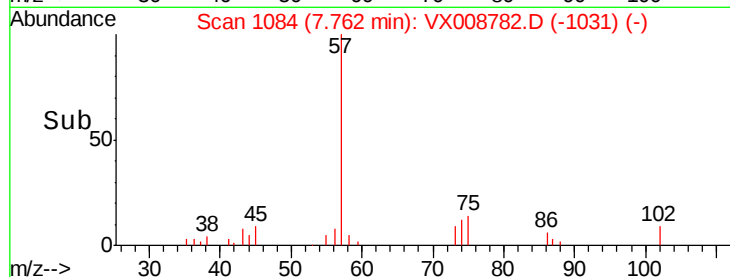
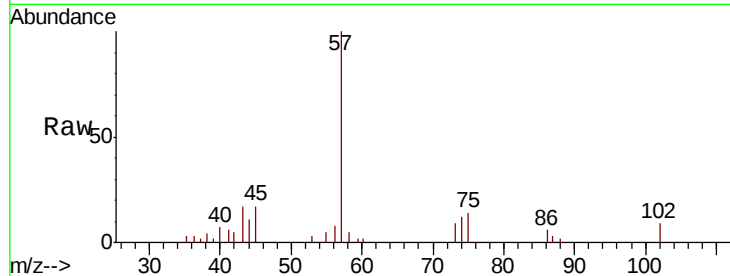




#49
1,4-Dioxane
Concen: 0.307 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VX008782.D
Acq: 09 Apr 2019 19:42

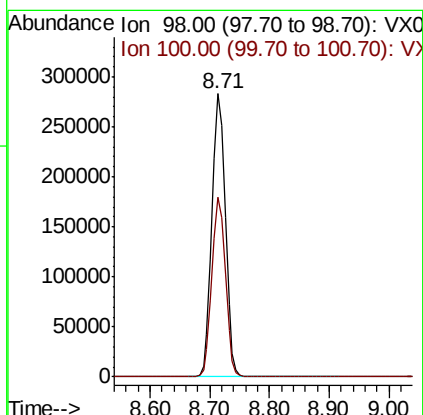
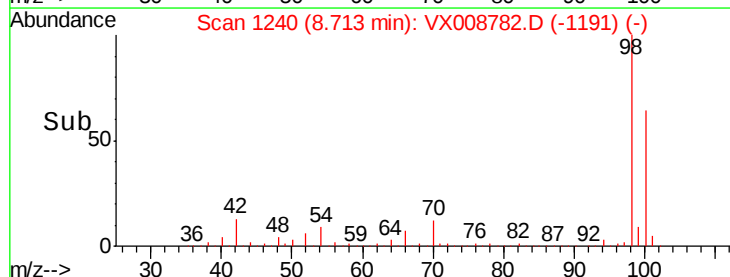
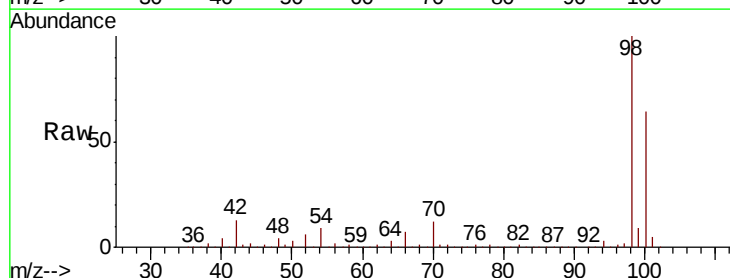
Instrument :
MSVOA_X
ClientSampled :
HA-040519

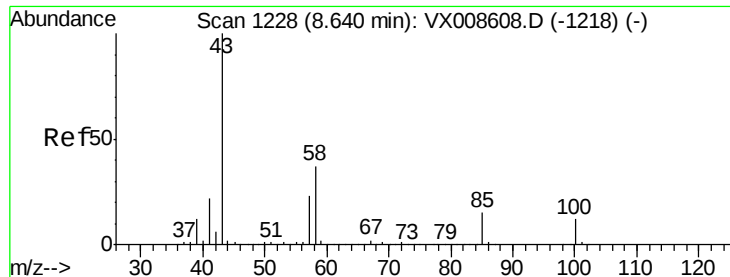
Tot Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 28.6 43.0#
58 965.2 62.2 93.2#



#50
Toluene-d8
Concen: 49.608 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008782.D
Acq: 09 Apr 2019 19:42

Tgt Ion: 98 Resp: 437507
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 17.829 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.02 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

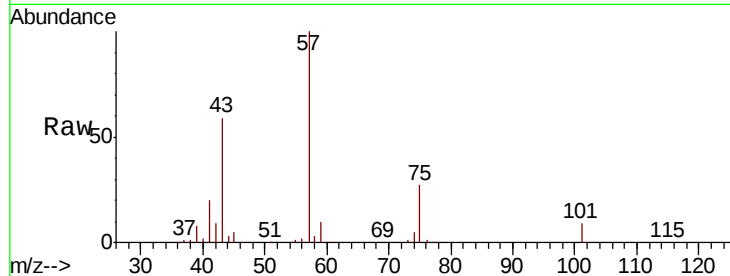
HA-040519

Tot Ion: 43 Resp: 90877

Ion Ratio Lower Upper

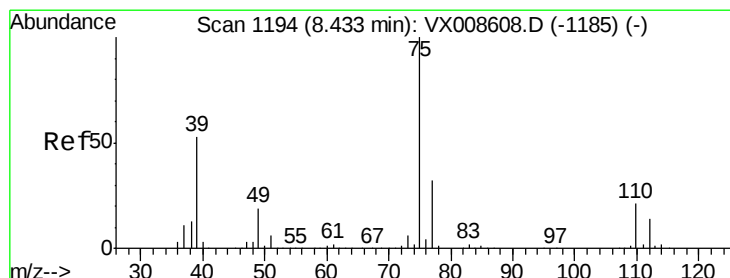
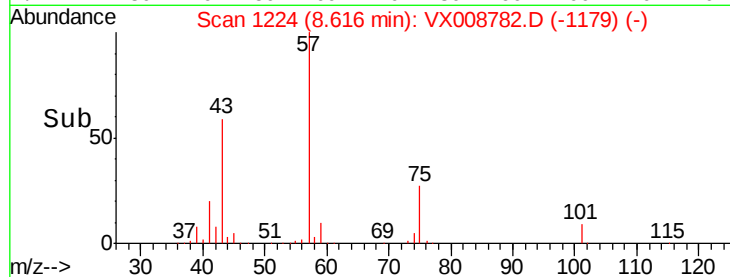
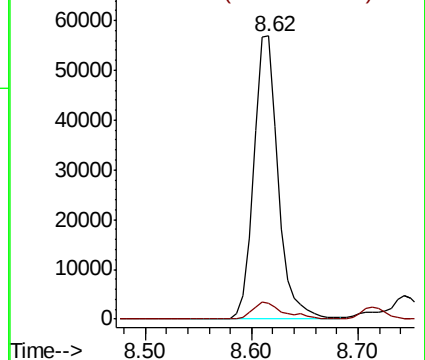
43 100

58 7.7 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 8.764 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

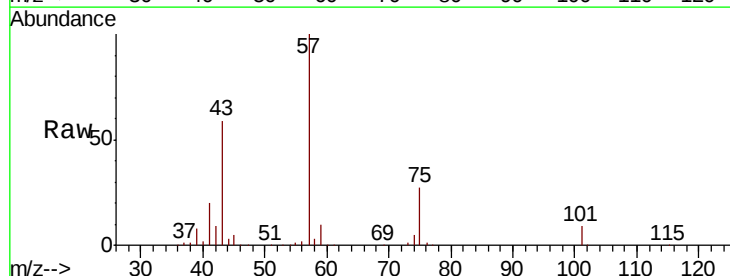
Tgt Ion: 75 Resp: 39500

Ion Ratio Lower Upper

75 100

77 0.4 25.3 37.9#

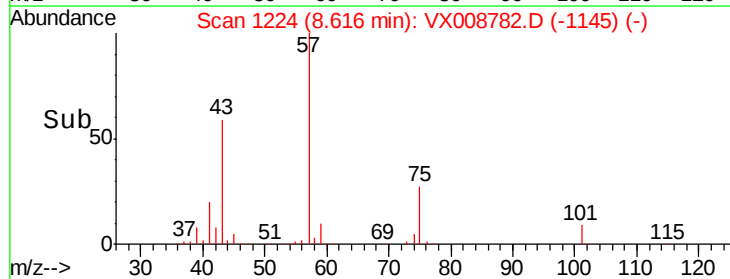
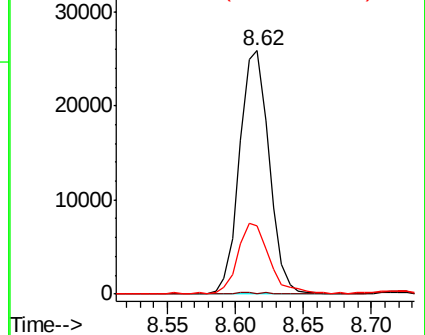
39 28.1 42.6 63.8#

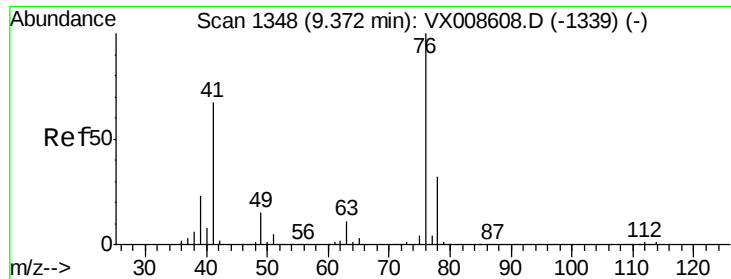


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 1.679 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

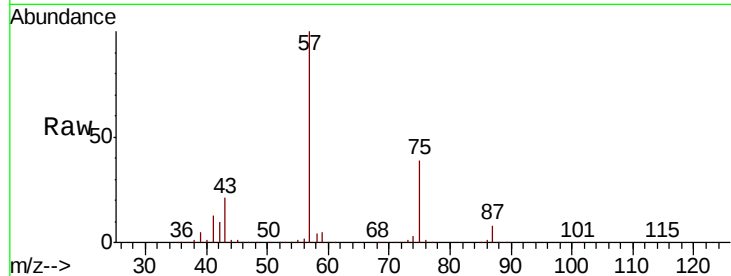
HA-040519

Tot Ion: 76 Resp: 8048

Ion Ratio Lower Upper

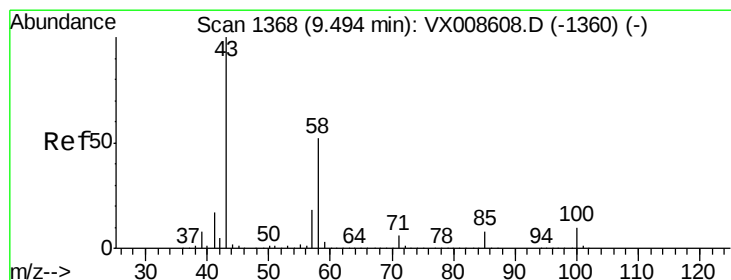
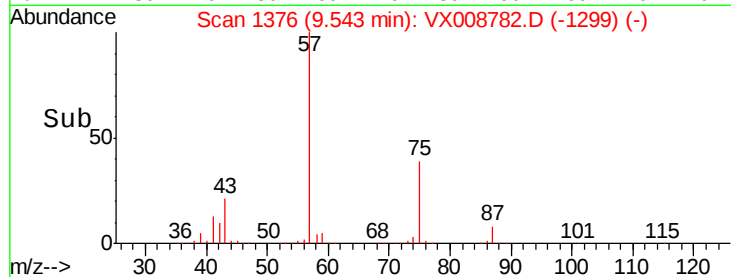
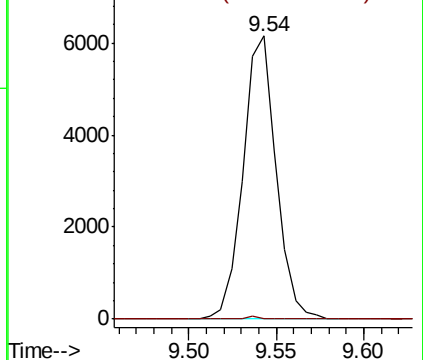
76 100

78 0.3 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: 33.453 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX008782.D

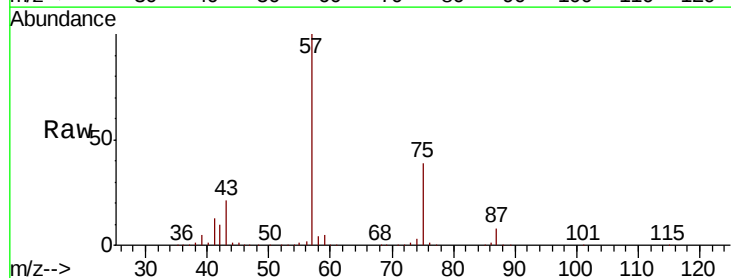
Acq: 09 Apr 2019 19:42

Tgt Ion: 43 Resp: 132514

Ion Ratio Lower Upper

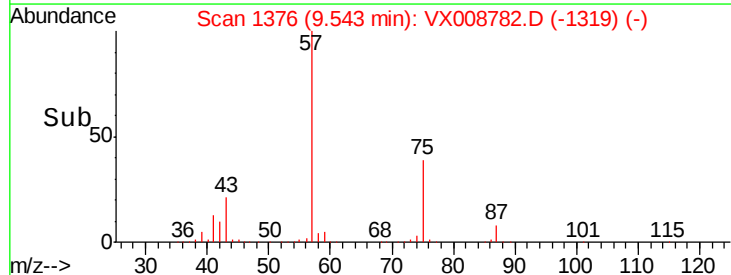
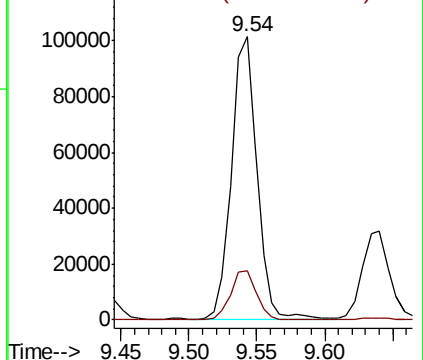
43 100

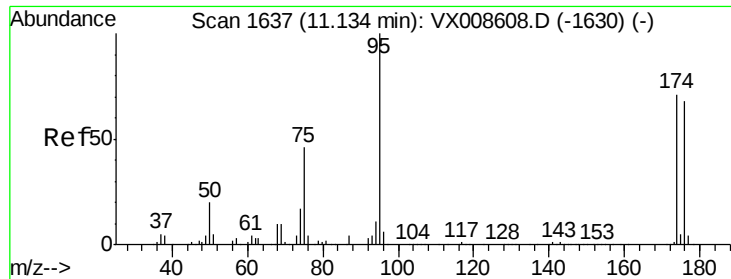
58 18.1 25.9 77.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

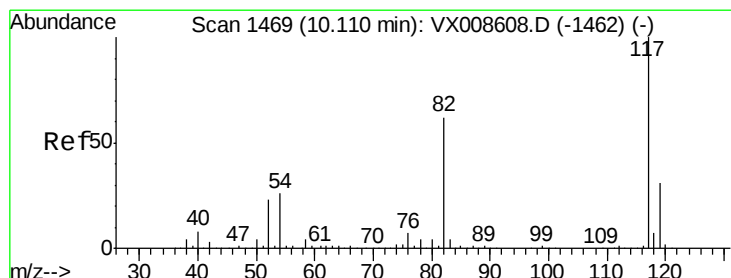
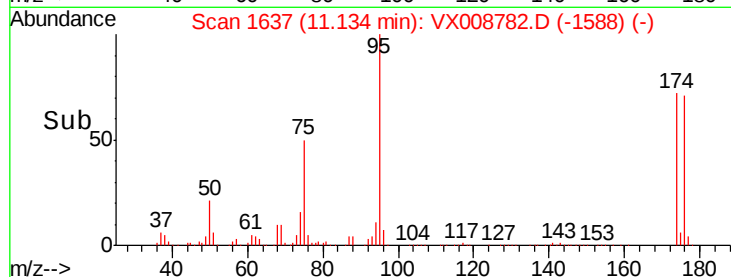
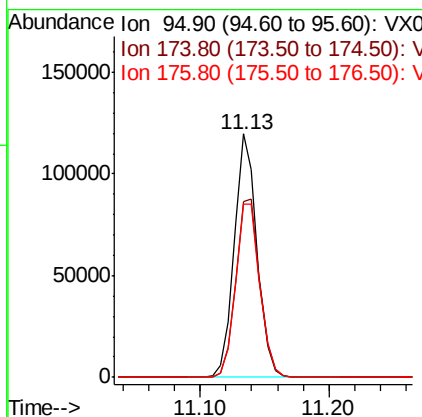
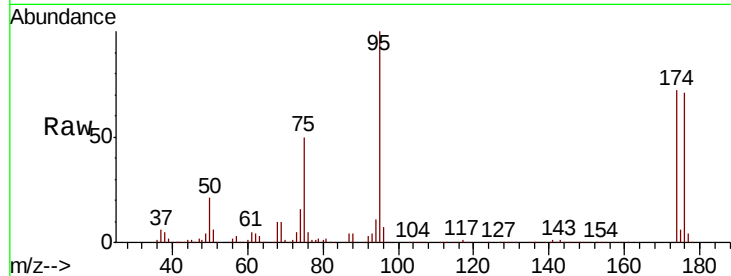




#62
4-Bromofluorobenzene
Concen: 47.037 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008782.D
Acq: 09 Apr 2019 19:42

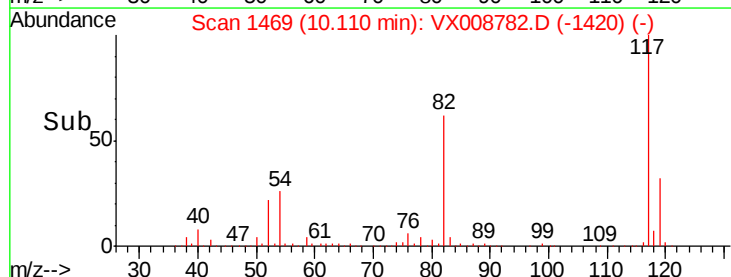
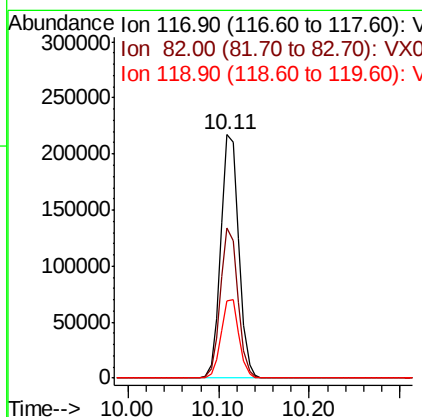
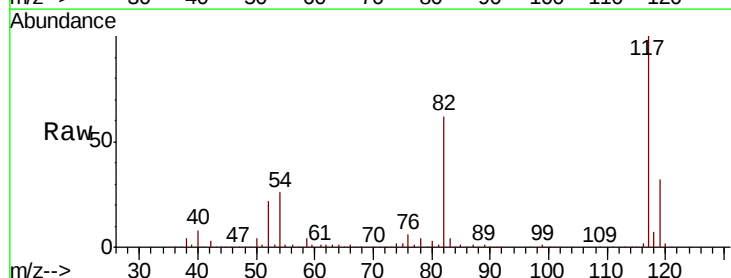
Instrument :
MSVOA_X
ClientSampleId :
HA-040519

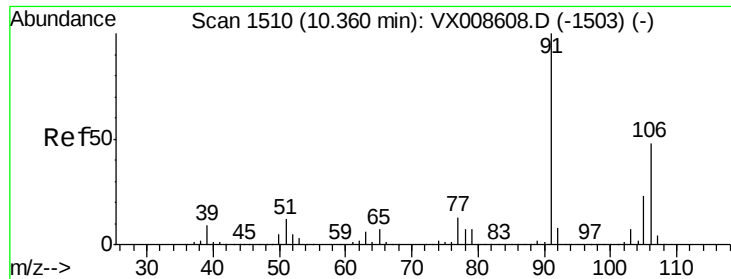
Tot Ion: 95 Resp: 147105
Ion Ratio Lower Upper
95 100
174 77.4 0.0 151.8
176 75.7 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008782.D
Acq: 09 Apr 2019 19:42

Tgt Ion: 117 Resp: 301405
Ion Ratio Lower Upper
117 100
82 61.6 49.6 74.4
119 31.9 25.0 37.4

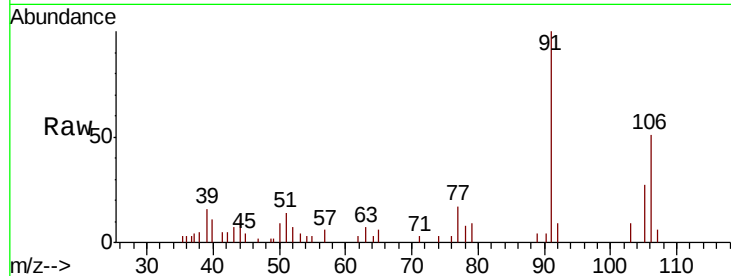




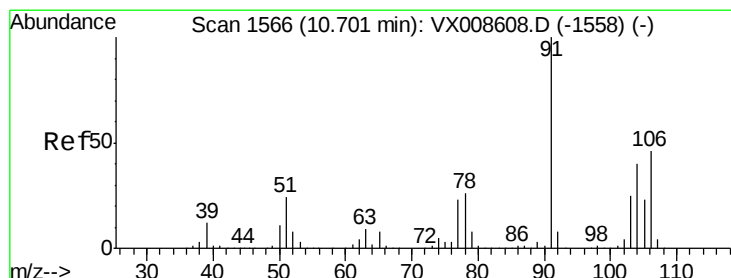
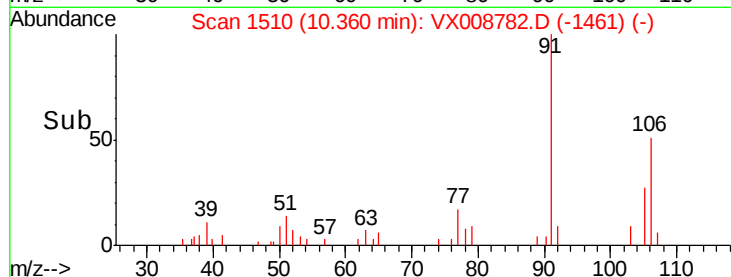
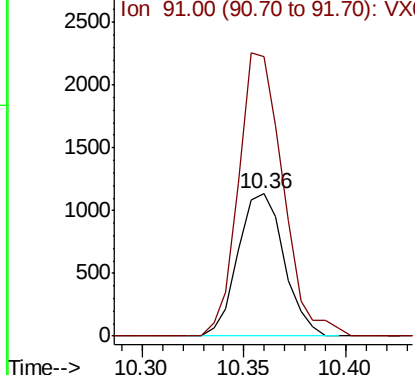
#68
m/p-Xylenes
Concen: 0.397 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008782.D
Acq: 09 Apr 2019 19:42

Instrument :
MSVOA_X
ClientSampled :
HA-040519

Tot Ion:106 Resp: 1779
Ion Ratio Lower Upper
106 100
91 192.2 168.5 252.7

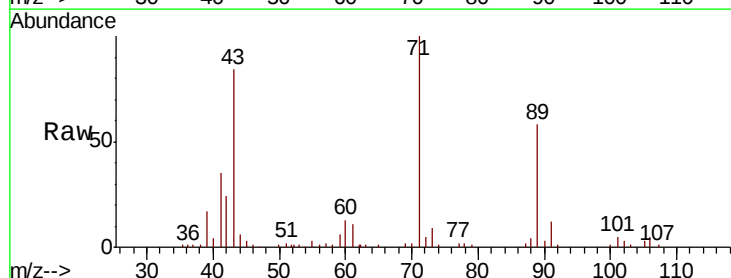


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

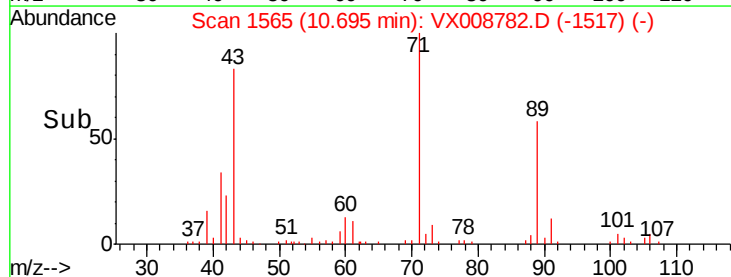
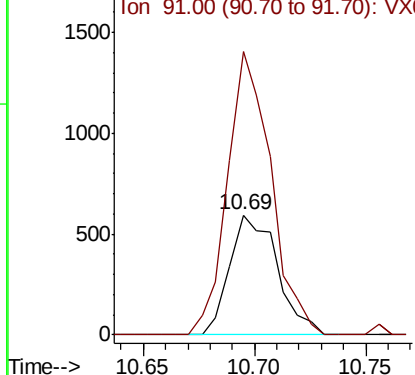


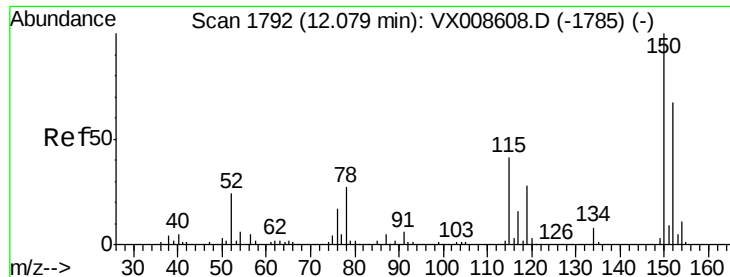
#69
o-Xylene
Concen: 0.203 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008782.D
Acq: 09 Apr 2019 19:42

Tgt Ion:106 Resp: 882
Ion Ratio Lower Upper
106 100
91 216.7 111.5 334.4



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: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

HA-040519

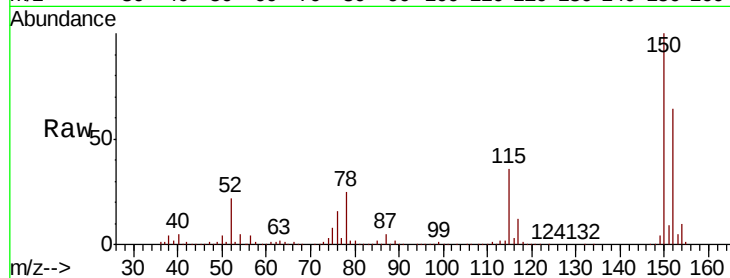
Tot Ion:152 Resp: 129812

Ion Ratio Lower Upper

152 100

115 59.4 43.5 130.5

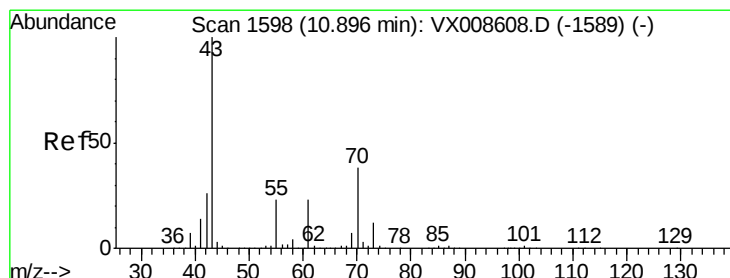
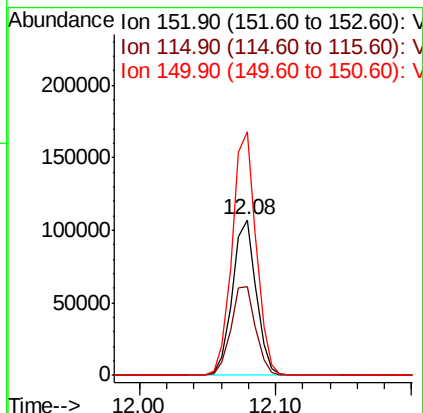
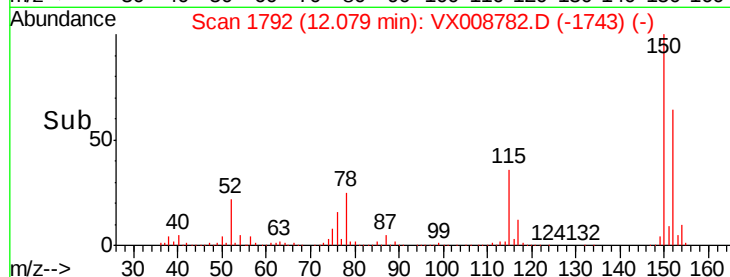
150 158.0 0.0 348.8



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-ethyl acetate

Concen: 1.918 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

Tgt Ion: 43 Resp: 12142

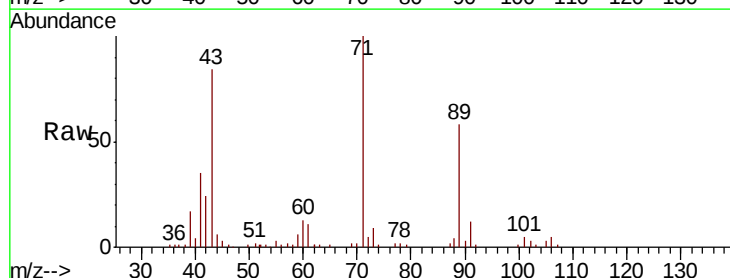
Ion Ratio Lower Upper

43 100

70 2.5 30.2 45.4#

55 4.9 18.2 27.4#

61 11.6 18.6 28.0#

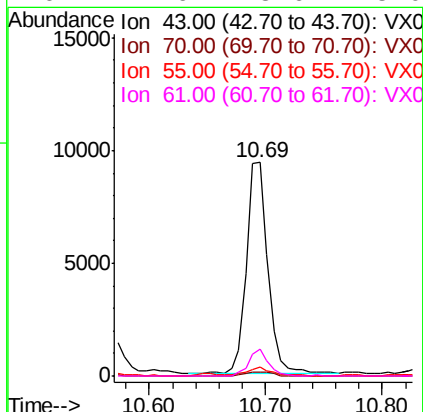
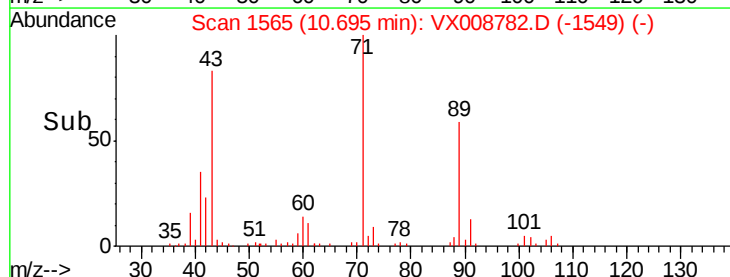


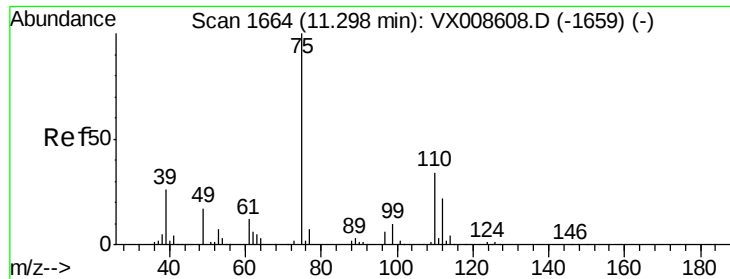
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

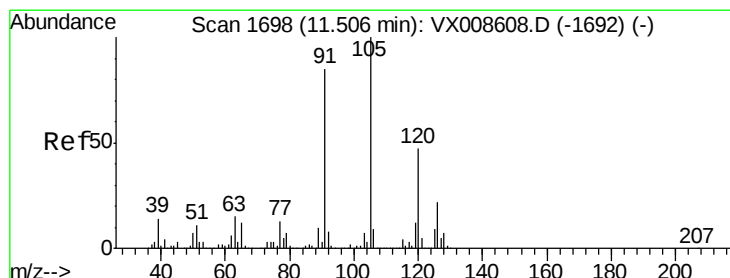
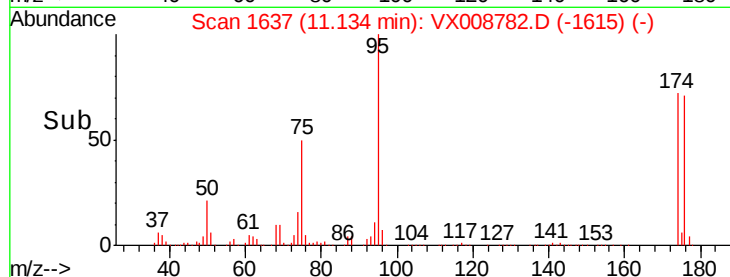
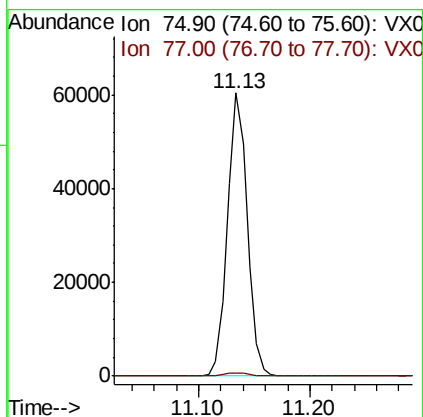
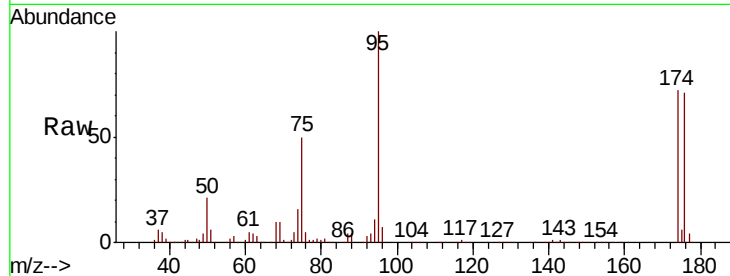




#76
 1,2,3-Trichloropropane
 Concen: 20.834 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008782.D
 Acq: 09 Apr 2019 19:42

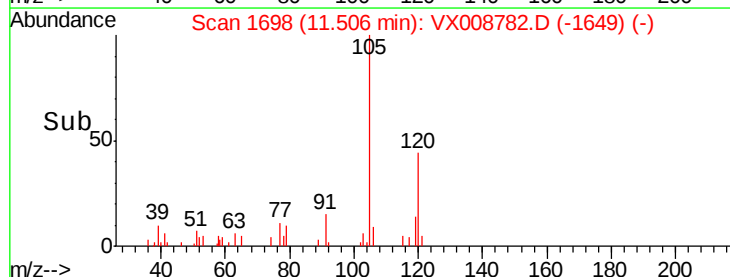
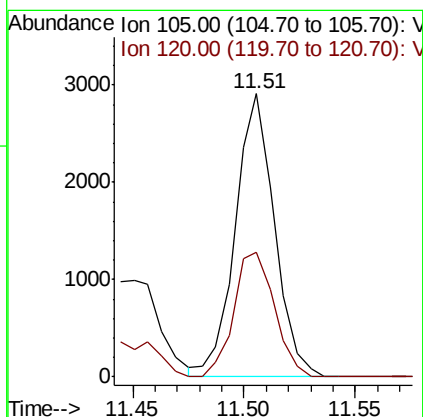
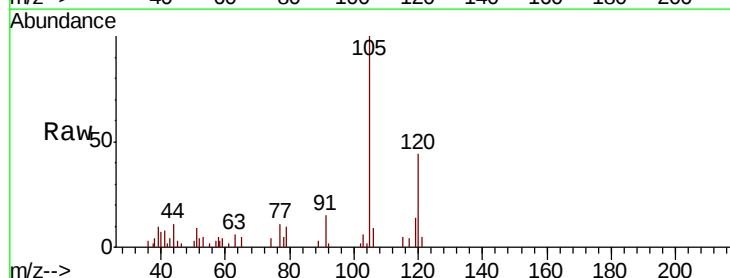
Instrument :
 MSVOA_X
 ClientSampleId :
 HA-040519

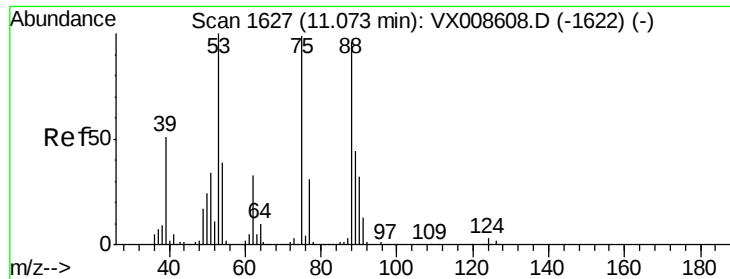
Tot Ion: 75 Resp: 74296
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.3 66.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.395 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008782.D
 Acq: 09 Apr 2019 19:42

Tgt Ion:105 Resp: 3569
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 57.430 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

HA-040519

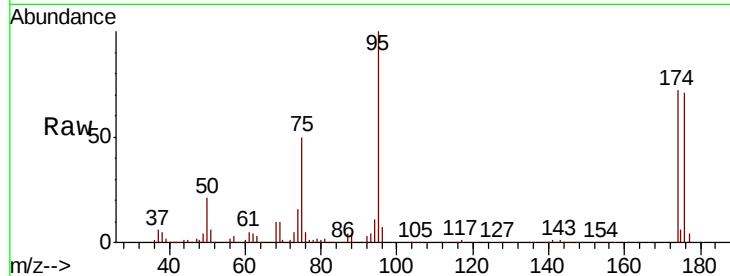
Tot Ion: 75 Resp: 74296

Ion Ratio Lower Upper

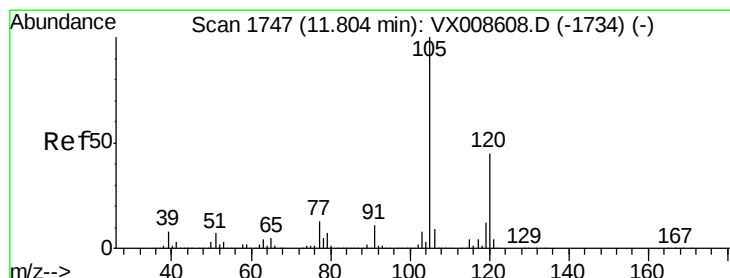
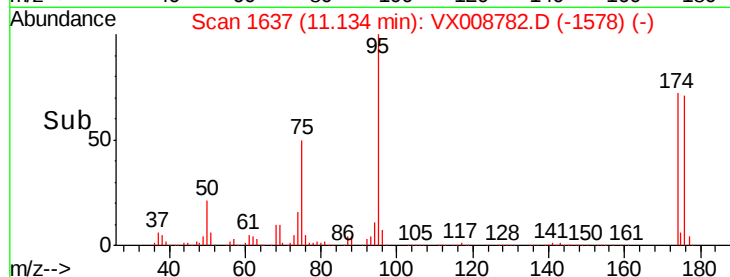
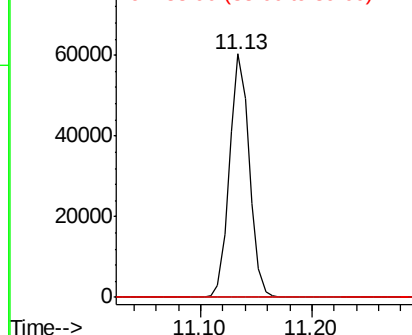
75 100

53 0.0 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: 0.783 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008782.D

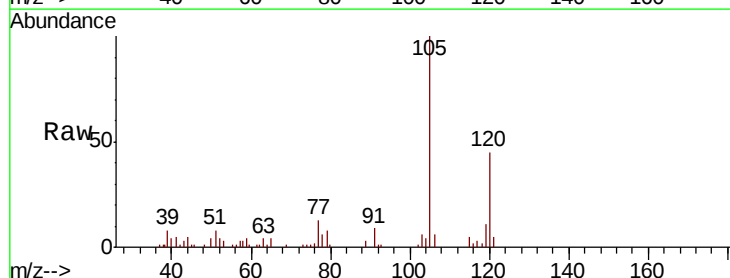
Acq: 09 Apr 2019 19:42

Tgt Ion:105 Resp: 7162

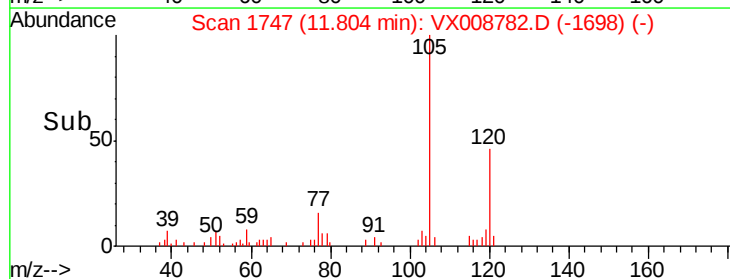
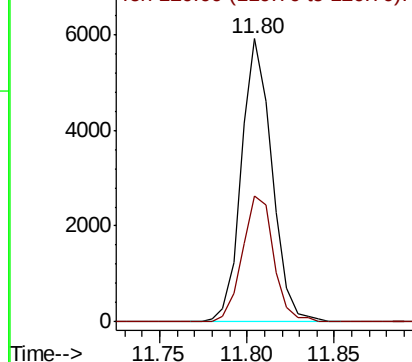
Ion Ratio Lower Upper

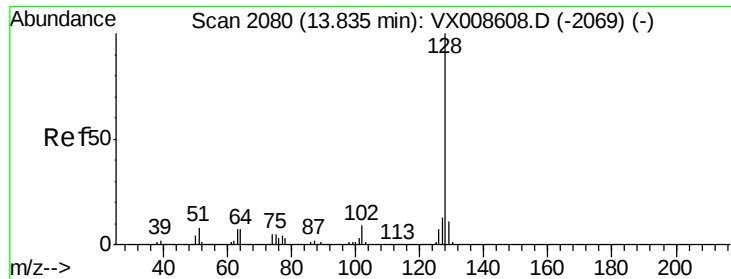
105 100

120 45.6 21.8 65.3



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

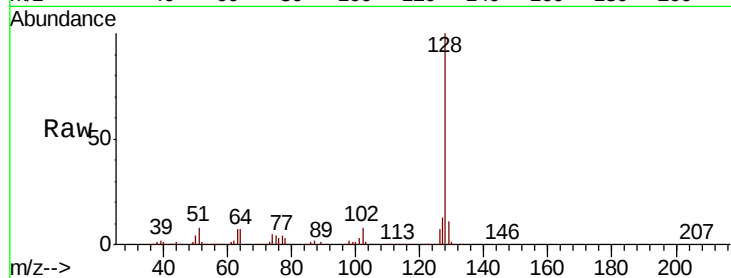




#95
Naphthalene
Concen: 6.266 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008782.D
Acq: 09 Apr 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
HA-040519

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.3	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

