

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003856.D
 Acq On : 03 Aug 2018 18:41
 Operator : JC/MD
 Sample : J4316-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T40-STONE-1

Quant Time: Aug 04 00:49:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	79209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	116901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	111810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	60685	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	51923	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	5.51	113	43039	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
50) Toluene-d8	8.72	98	168292	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.14	95	58387	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	521	Below Cal		91
5) Bromomethane	1.65	94	224	Below Cal		86
6) Chloroethane	1.72	64	75	Below Cal	#	41
8) Diethyl Ether	2.19	74	202	0.36	ug/l	84
10) Methyl Iodide	2.51	142	462	0.42	ug/l	# 89
11) Tert butyl alcohol	3.07	59	1661	7.34	ug/l	96
15) Acrylonitrile	3.15	53	123	0.23	ug/l	# 75
16) Acetone	2.45	43	5763	10.49	ug/l	97
17) Carbon Disulfide	2.57	76	762	0.35	ug/l	# 85
18) Methyl Acetate	2.78	43	1699	Below Cal		93
20) Methylene Chloride	2.86	84	9498	9.82	ug/l	98
25) 2-Butanone	4.71	43	2147	2.30	ug/l	99
29) Tetrahydrofuran	5.17	42	625	1.31	ug/l	# 74
30) Chloroform	5.22	83	1373	0.83	ug/l	95
36) 1,1-Dichloropropene	5.67	75	5122	4.12	ug/l	# 47
37) Ethyl Acetate	4.71	43	2147	1.47	ug/l	# 66
38) Carbon Tetrachloride	5.67	117	6670	5.40	ug/l	# 18
41) Methacrylonitrile	5.17	41	369	0.47	ug/l	# 32
43) Isopropyl Acetate	6.47	43	42030	19.21	ug/l	99
47) Bromodichloromethane	7.90	83	326	0.27	ug/l	# 80
48) Methyl methacrylate	7.69	41	2680	2.43	ug/l	# 18
51) 4-Methyl-2-Pentanone	8.62	43	939	0.51	ug/l	# 35
54) cis-1,3-Dichloropropene	8.63	75	372	0.26	ug/l	# 72
68) m/p-Xylenes	10.36	106	606	0.35	ug/l	90
74) N-amyl acetate	6.47	43	42030	21.78	ug/l	# 100
76) 1,2,3-Trichloropropane	11.14	75	27537	22.51	ug/l	# 36
81) trans-1,4-Dichloro-2-buten	11.14	75	27537	70.95	ug/l	# 12
90) Hexachloroethane	12.76	117	131	0.24	ug/l	# 1
93) 1,2,4-Trichlorobenzene	13.65	180	377	0.25	ug/l	96
94) Hexachlorobutadiene	13.79	225	231	0.33	ug/l	97
95) Naphthalene	13.83	128	9586	2.20	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	342	0.22	ug/l	89

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Quant Title : SW846 8260
QLast Update : Fri Aug 03 01:55:28 2018
Response via : Initial Calibration

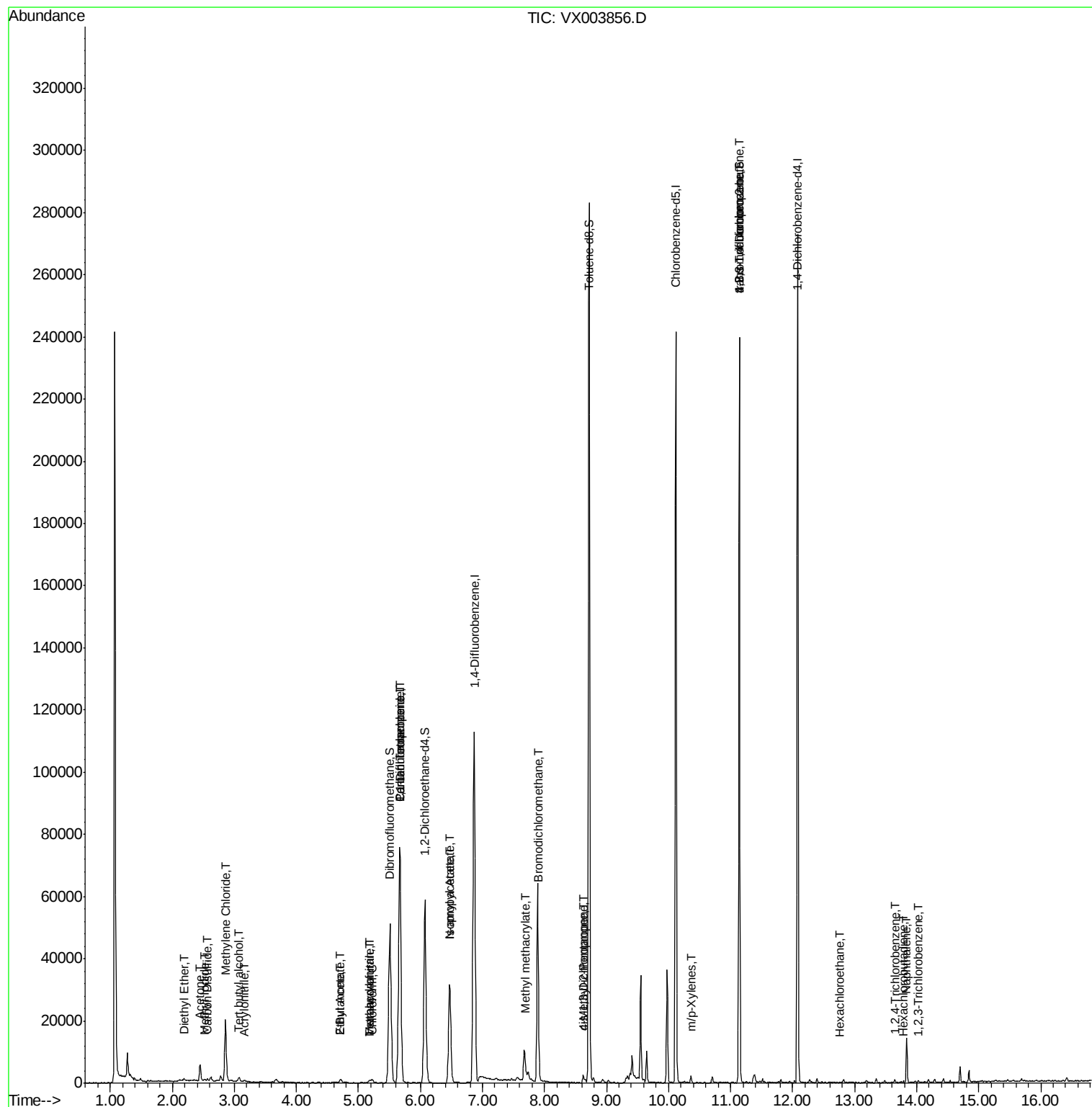
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

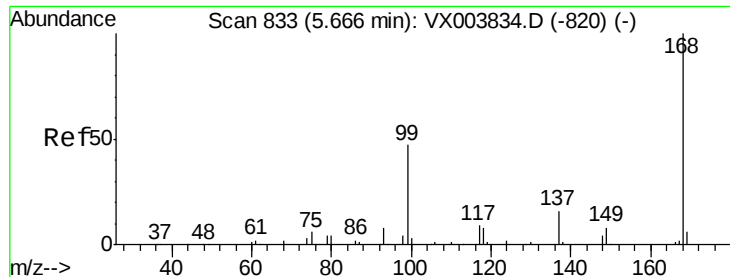
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080518\
Data File : VX003856.D
Acq On : 03 Aug 2018 18:41
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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampled :
T40-STONE-1

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 03 01:55:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

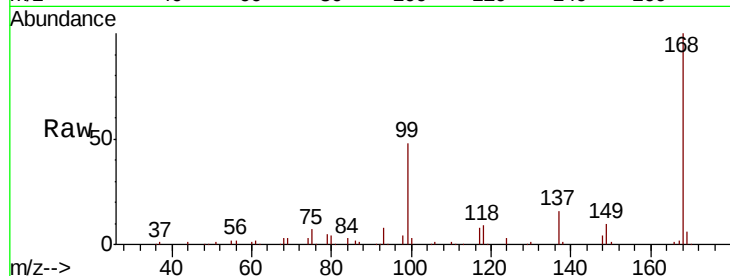
T40-STONE-1

Tot Ion:168 Resp: 79209

Ion Ratio Lower Upper

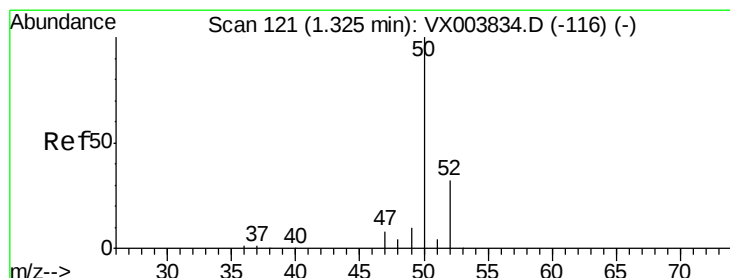
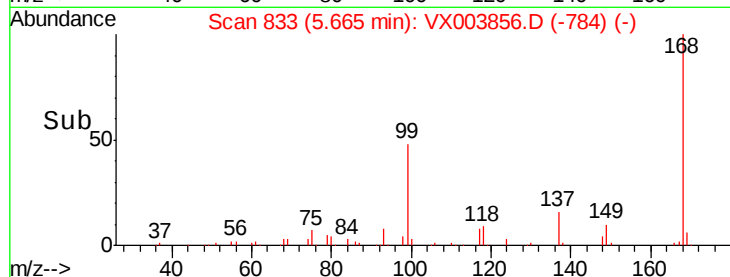
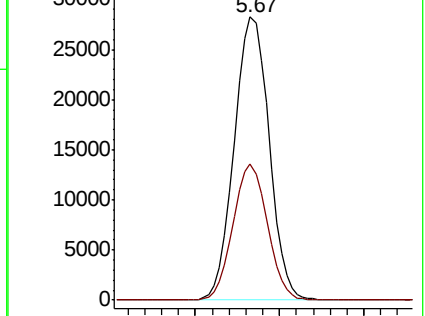
168 100

99 48.1 38.1 57.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003856.D

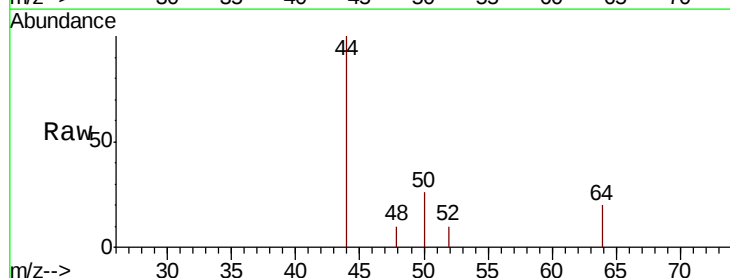
Acq: 03 Aug 2018 18:41

Tgt Ion: 50 Resp: 521

Ion Ratio Lower Upper

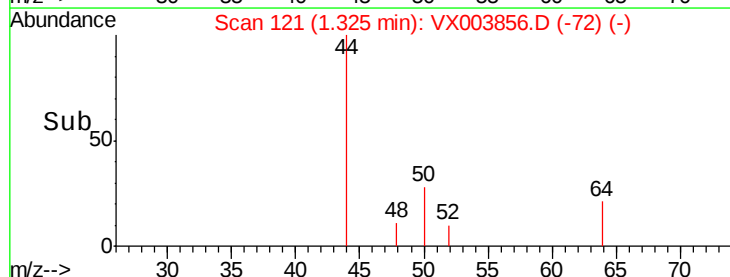
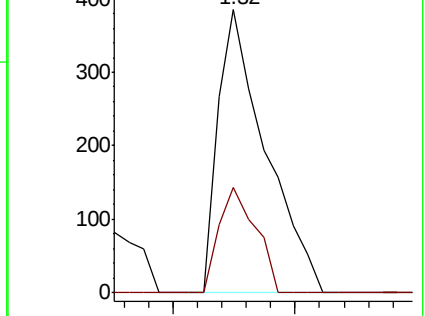
50 100

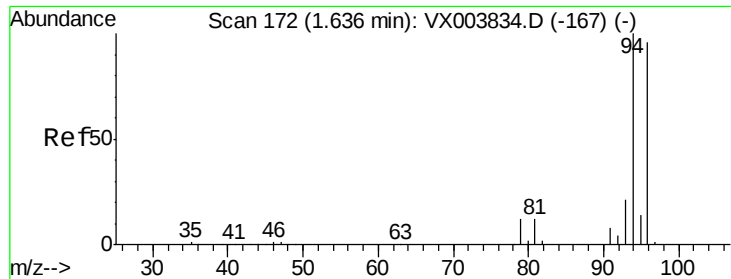
52 37.1 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

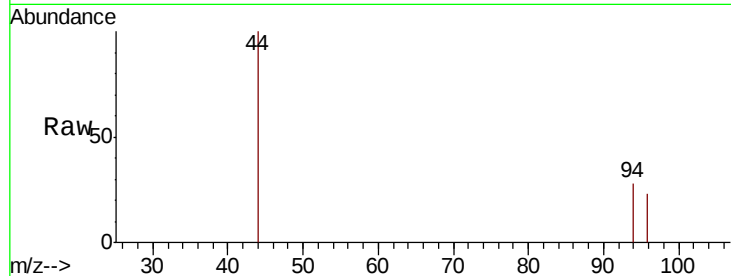
T40-STONE-1

Tot Ion: 94 Resp: 224

Ion Ratio Lower Upper

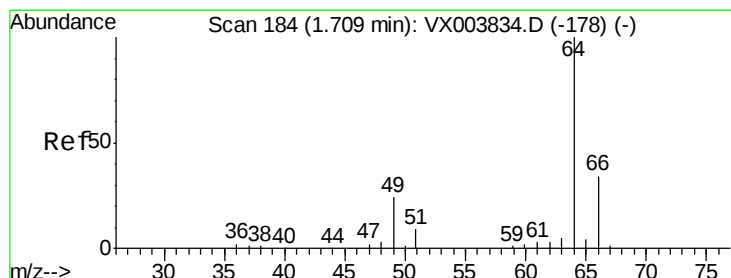
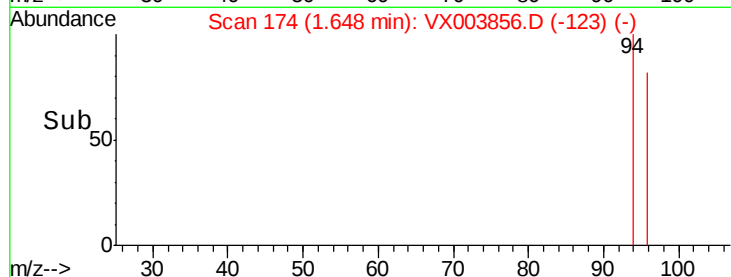
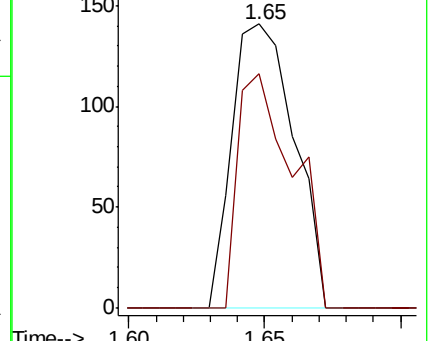
94 100

96 82.3 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003856.D

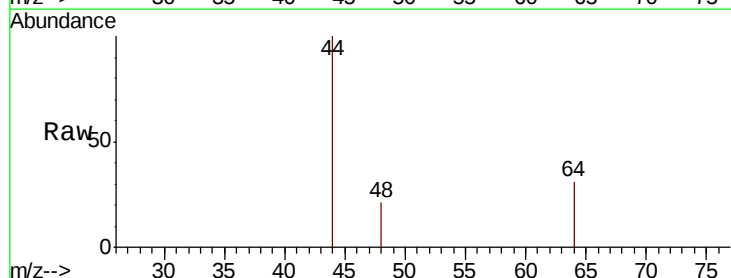
Acq: 03 Aug 2018 18:41

Tgt Ion: 64 Resp: 75

Ion Ratio Lower Upper

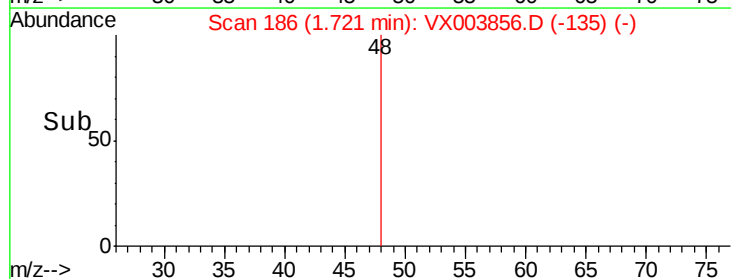
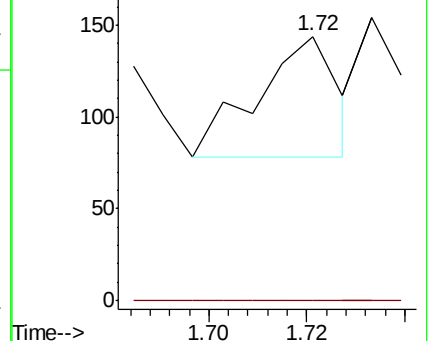
64 100

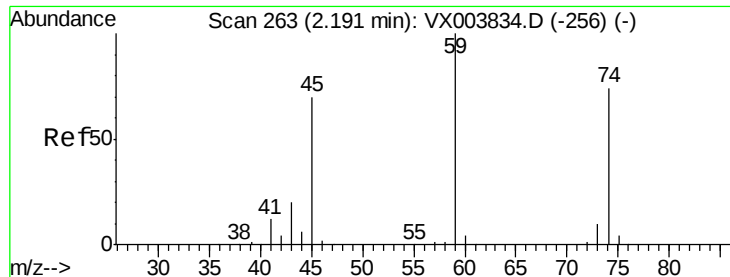
66 0.0 27.2 40.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 0.36 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

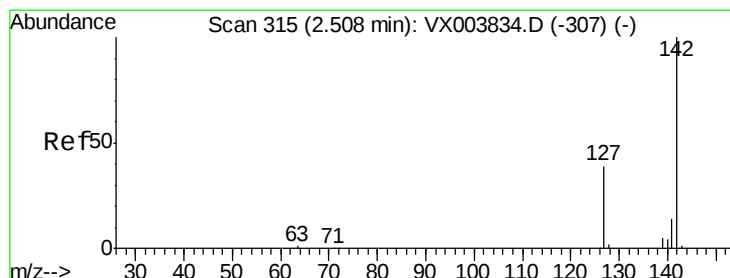
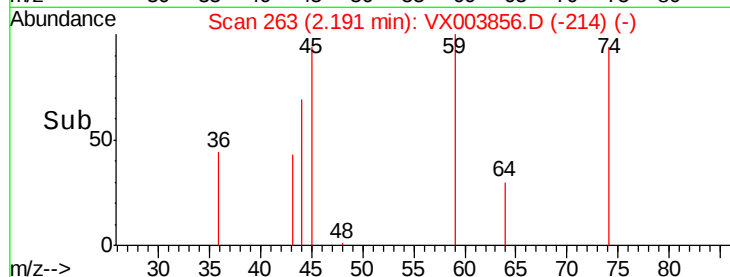
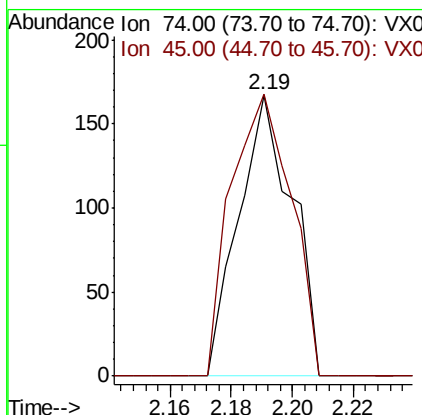
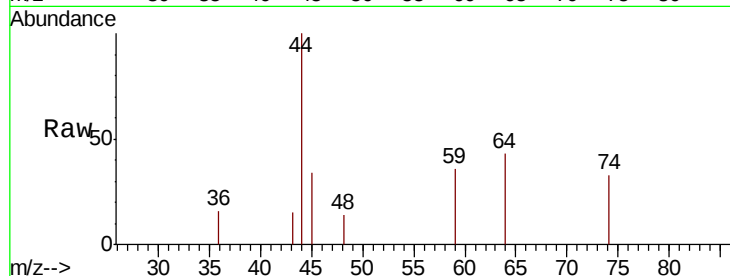
T40-STONE-1

Tot Ion: 74 Resp: 202

Ion Ratio Lower Upper

74 100

45 112.9 48.4 145.2



#10

Methyl Iodide

Concen: 0.42 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

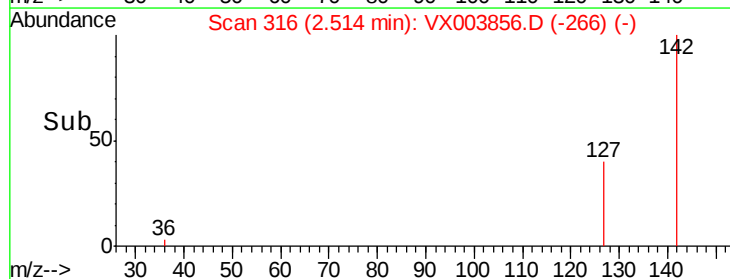
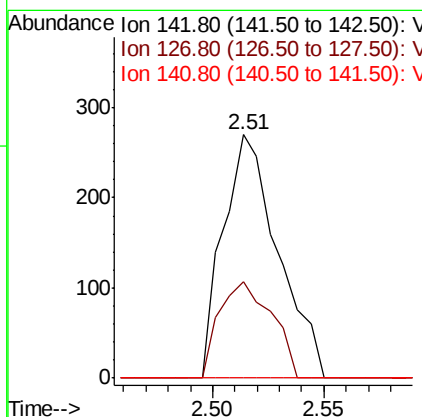
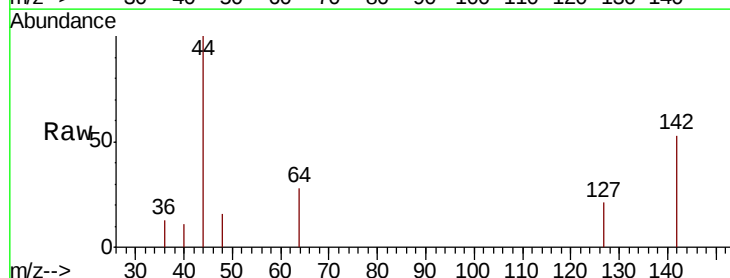
Tgt Ion: 142 Resp: 462

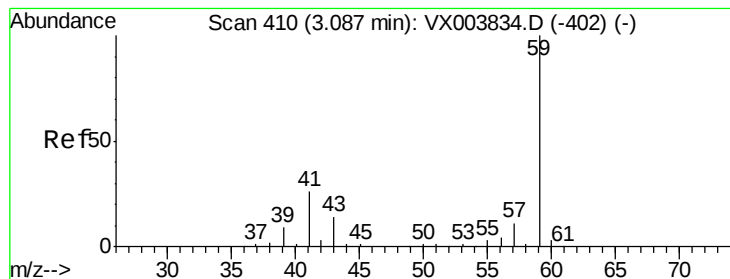
Ion Ratio Lower Upper

142 100

127 38.1 31.8 47.8

141 0.0 11.3 16.9#



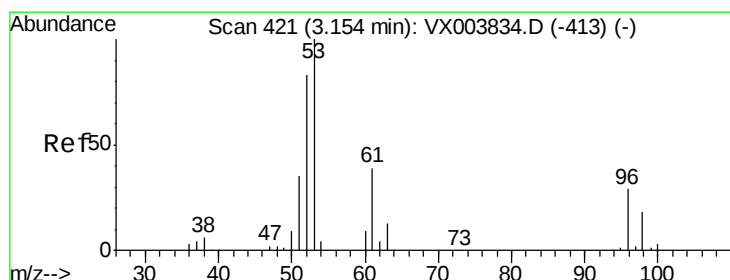
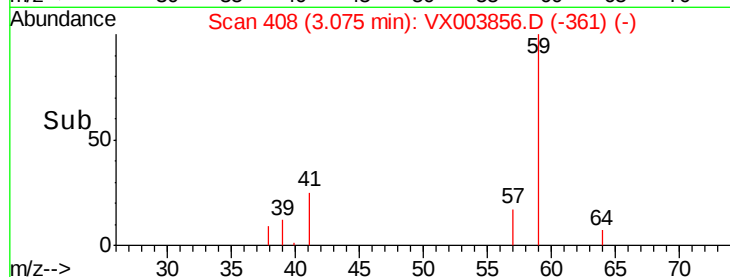
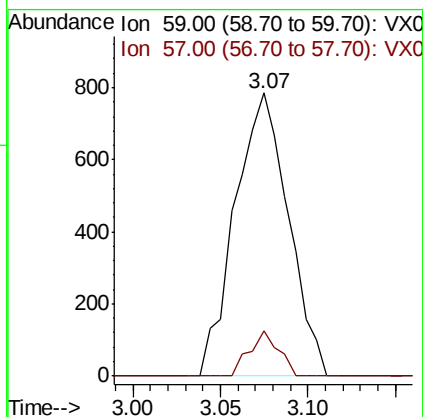
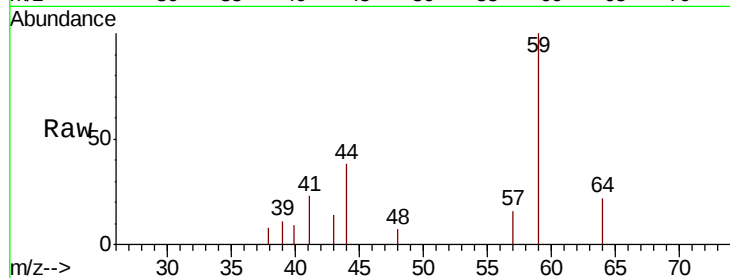


#11

Tert butyl alcohol
 Concen: 7.34 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 T40-STONE-1

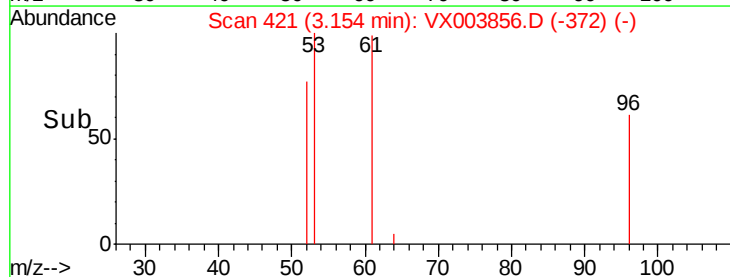
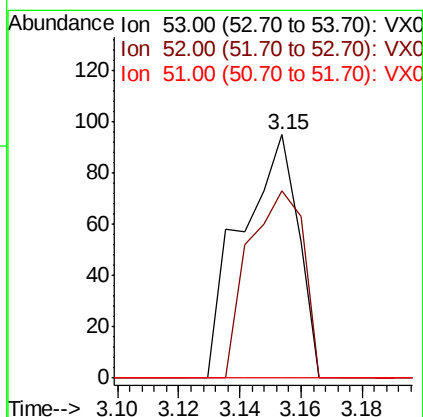
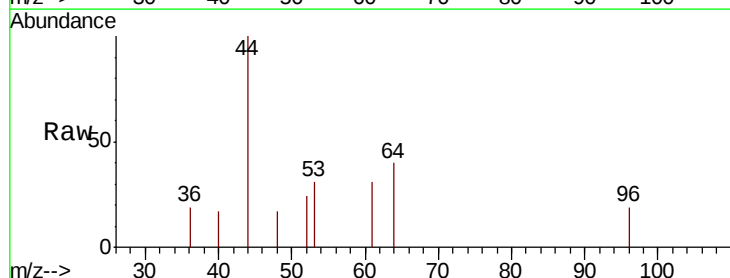
Tot Ion: 59 Resp: 1661
 Ion Ratio Lower Upper
 59 100
 57 8.7 8.2 12.4

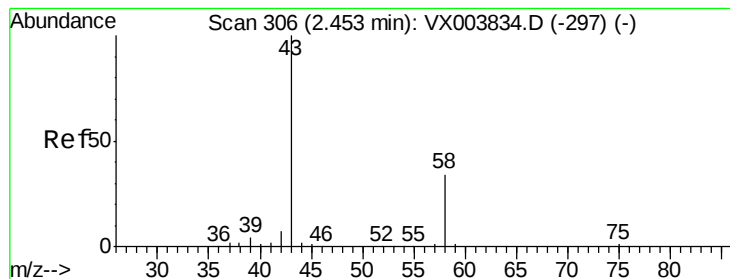


#15

Acrylonitrile
 Concen: 0.23 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

Tgt Ion: 53 Resp: 123
 Ion Ratio Lower Upper
 53 100
 52 74.0 65.9 98.9
 51 0.0 28.6 43.0#





#16

Acetone

Concen: 10.49 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

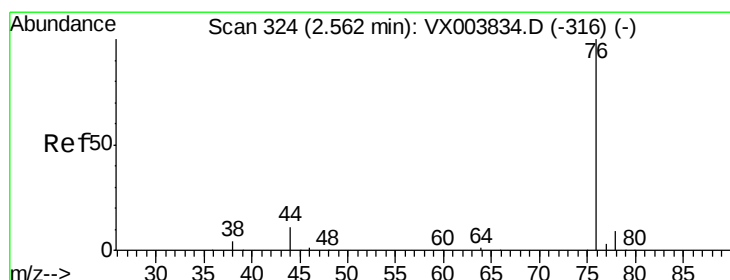
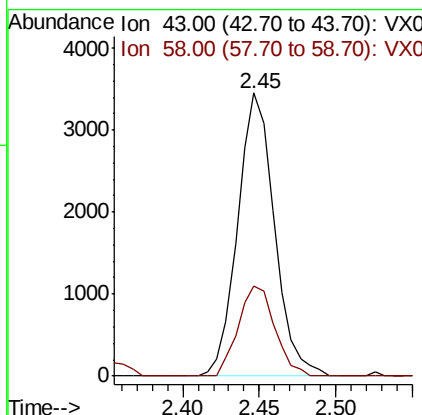
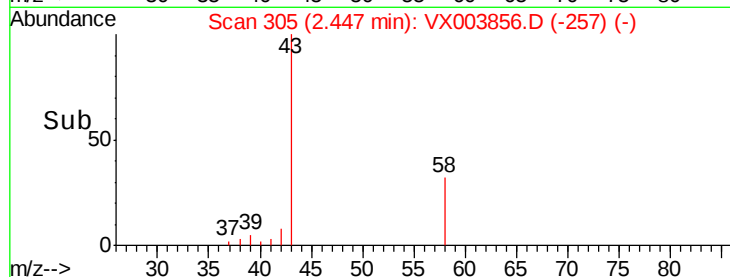
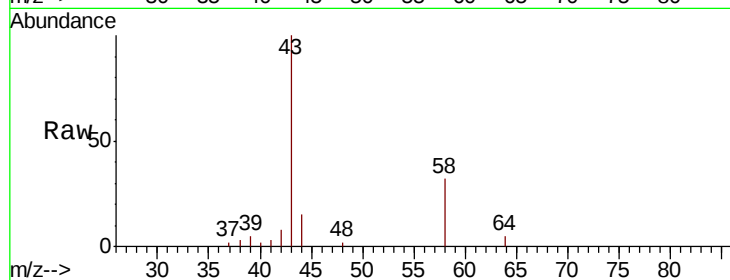
T40-STONE-1

Tot Ion: 43 Resp: 5763

Ion Ratio Lower Upper

43 100

58 32.0 27.0 40.4



#17

Carbon Disulfide

Concen: 0.35 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003856.D

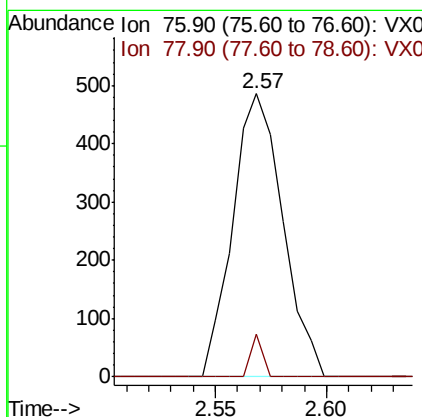
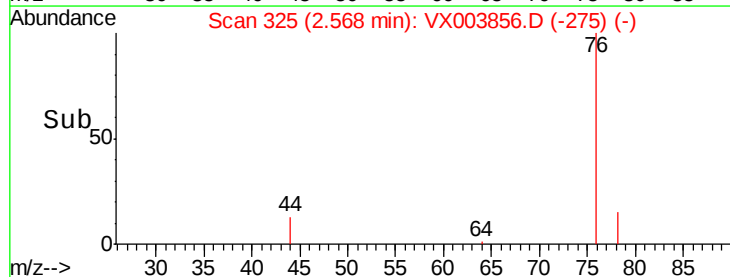
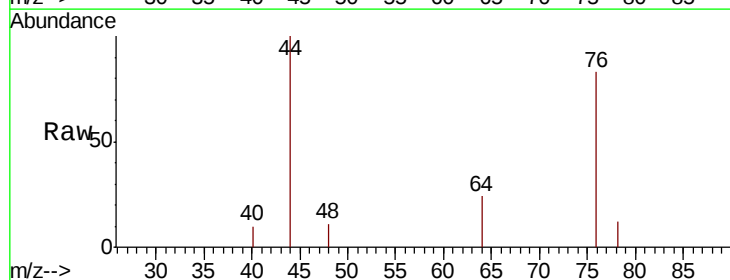
Acq: 03 Aug 2018 18:41

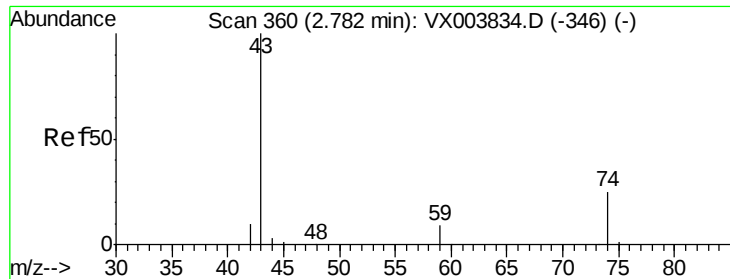
Tgt Ion: 76 Resp: 762

Ion Ratio Lower Upper

76 100

78 14.8 7.4 11.0#

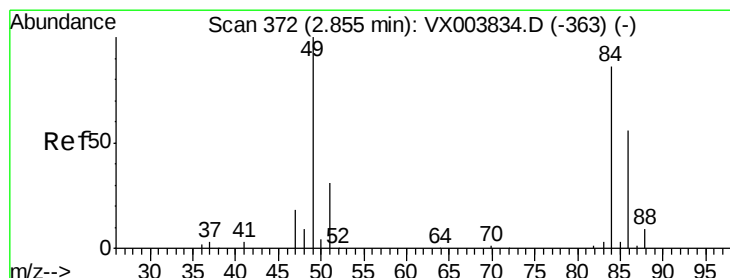
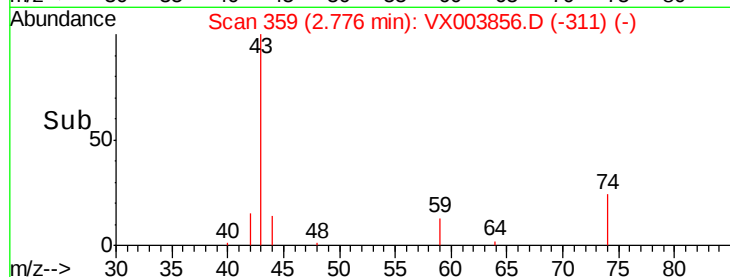
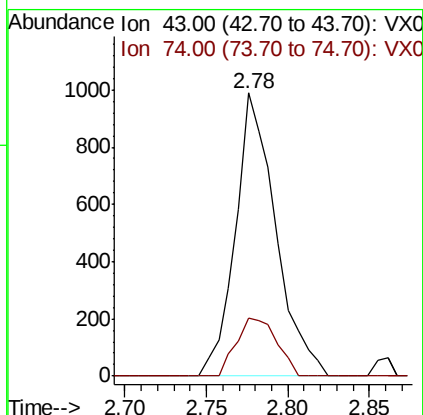
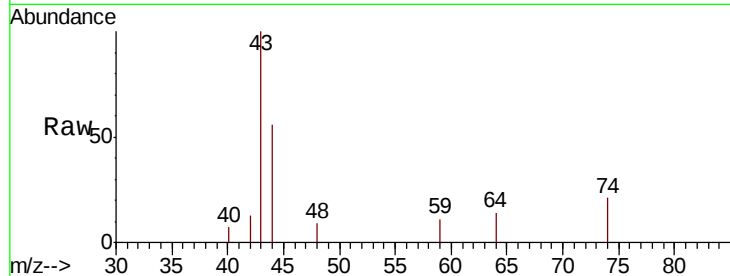




#18
Methvl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003856.D
Acq: 03 Aug 2018 18:41

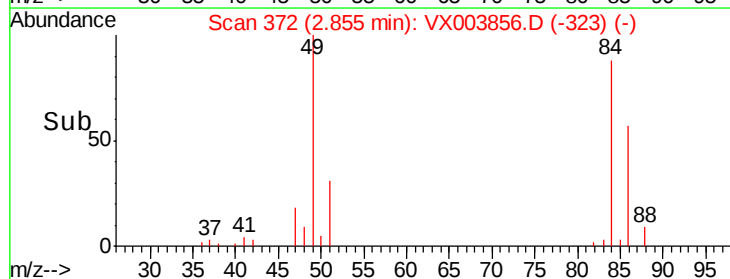
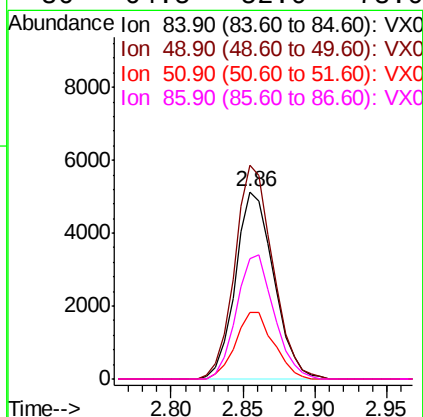
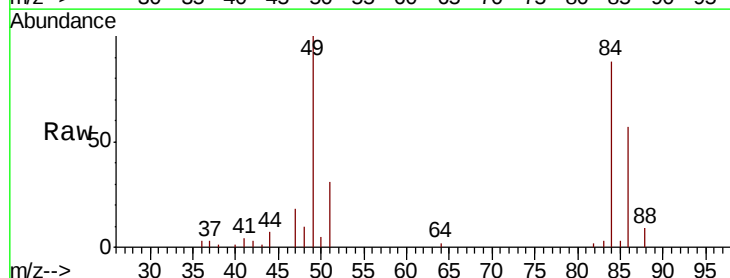
Instrument :
MSVOA_X
ClientSampleId :
T40-STONE-1

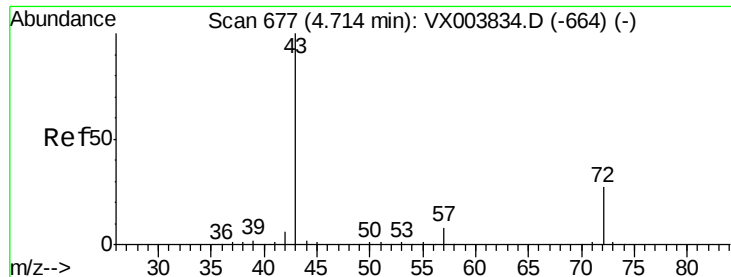
Tot Ion: 43 Resp: 1699
Ion Ratio Lower Upper
43 100
74 20.5 19.2 28.8



#20
Methylene Chloride
Concen: 9.82 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003856.D
Acq: 03 Aug 2018 18:41

Tgt Ion: 84 Resp: 9498
Ion Ratio Lower Upper
84 100
49 114.2 93.2 139.8
51 35.7 29.2 43.8
86 64.5 52.0 78.0





#25

2-Butanone

Concen: 2.30 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

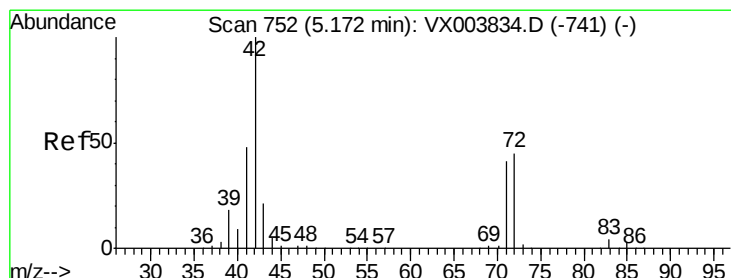
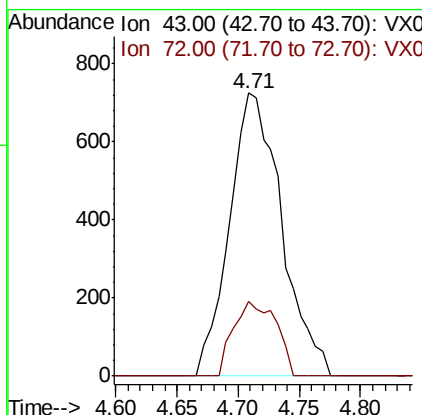
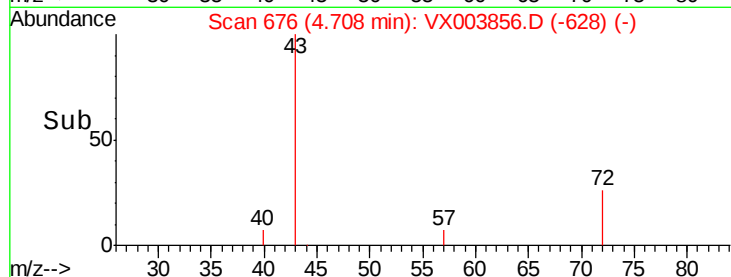
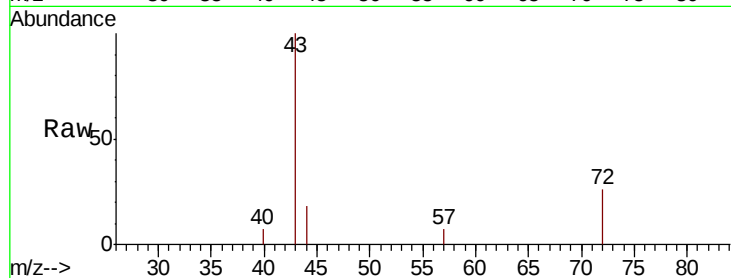
T40-STONE-1

Tot Ion: 43 Resp: 2147

Ion Ratio Lower Upper

43 100

72 26.5 21.5 32.3



#29

Tetrahydrofuran

Concen: 1.31 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

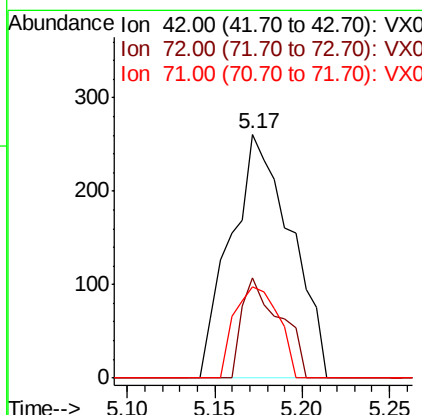
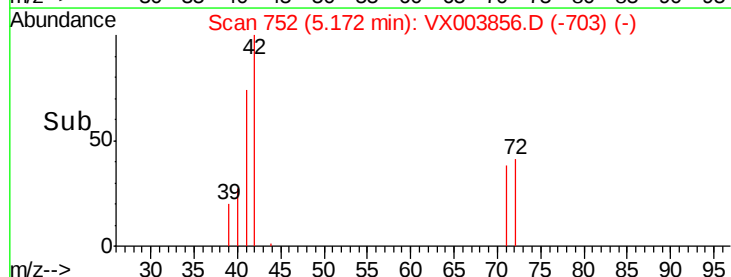
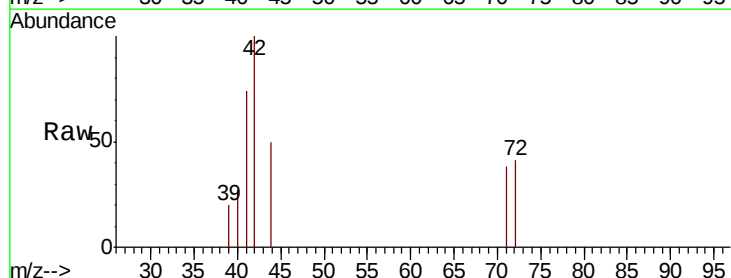
Tgt Ion: 42 Resp: 625

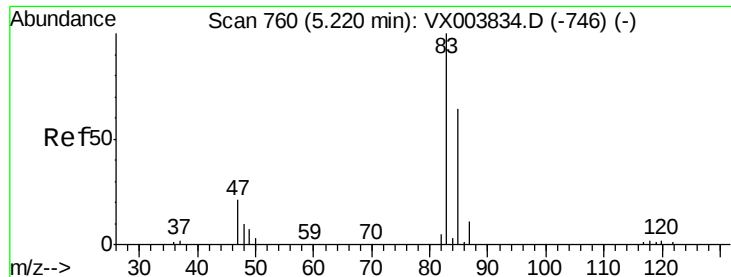
Ion Ratio Lower Upper

42 100

72 26.1 36.1 54.1#

71 27.4 33.6 50.4#

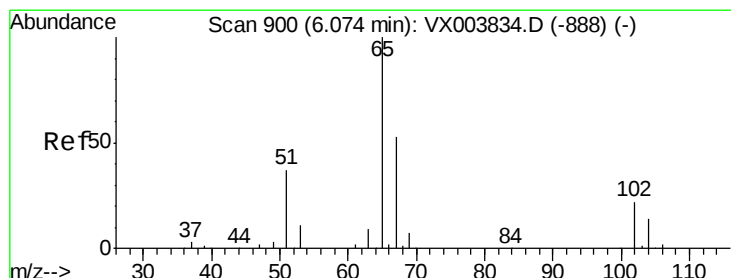
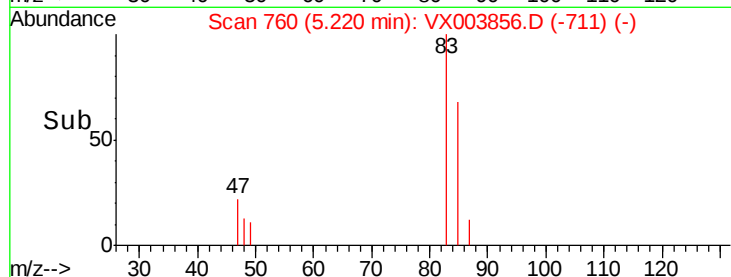
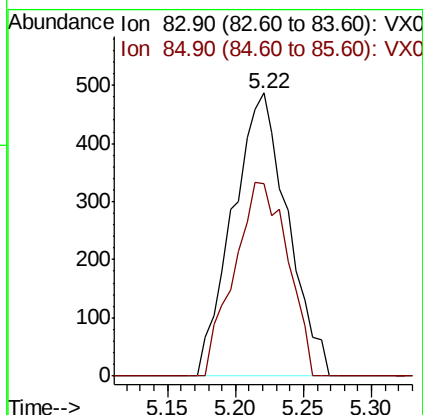
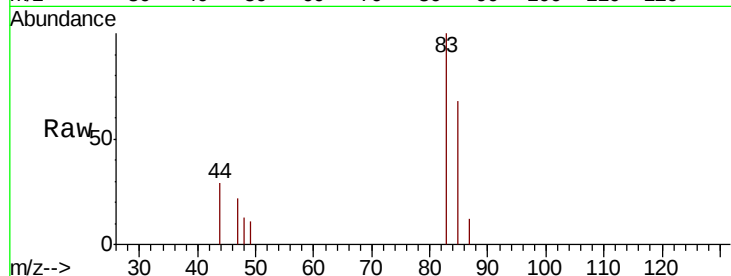




#30
Chloroform
Concen: 0.83 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003856.D
Acq: 03 Aug 2018 18:41

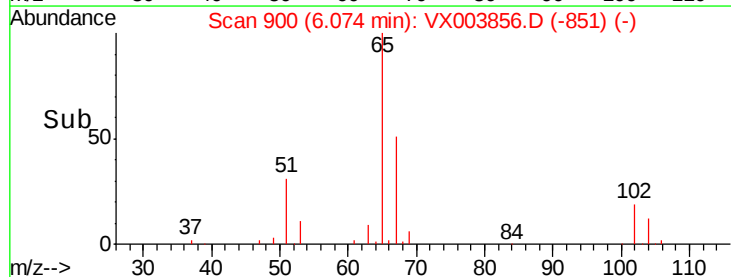
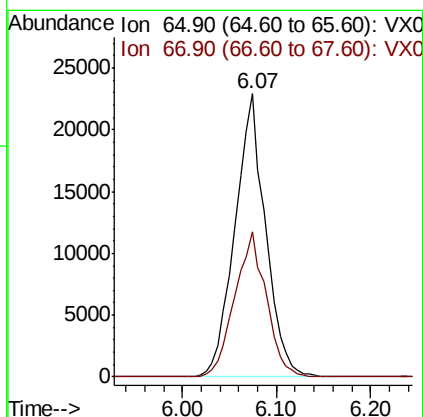
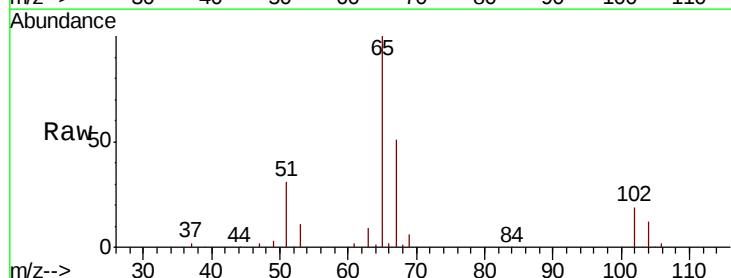
Instrument :
MSVOA_X
ClientSampleId :
T40-STONE-1

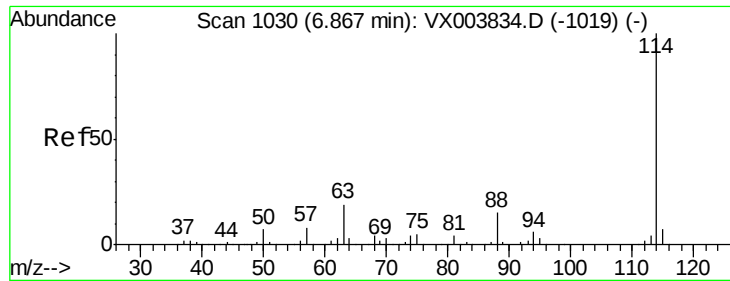
Tot Ion: 83 Resp: 1373
Ion Ratio Lower Upper
83 100
85 68.0 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 49.70 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003856.D
Acq: 03 Aug 2018 18:41

Tgt Ion: 65 Resp: 51923
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.2

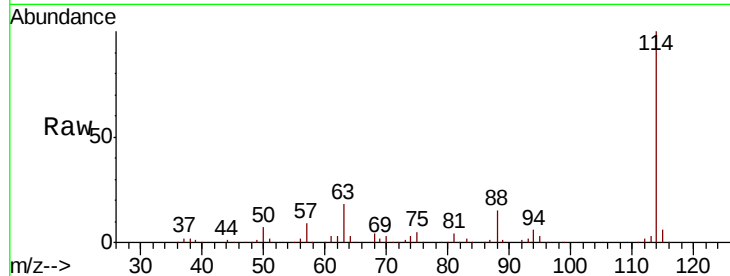




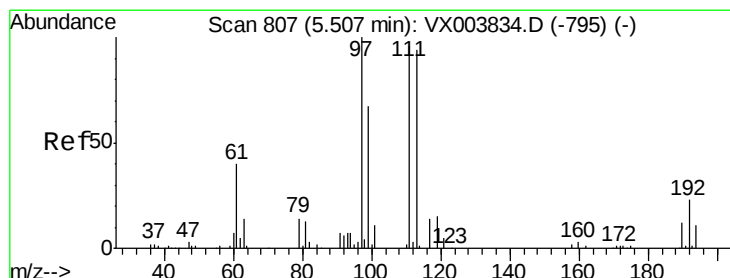
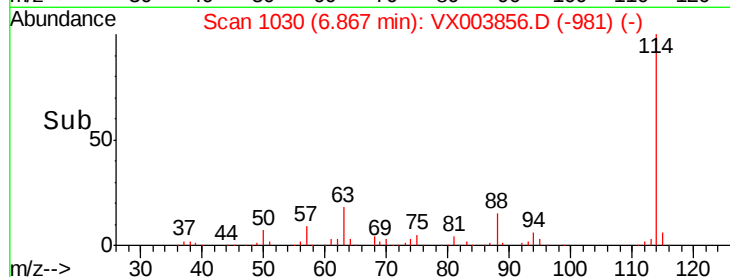
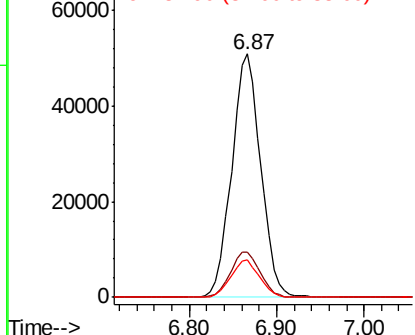
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 T40-STONE-1

Tot Ion:114 Resp: 116901
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.2
 88 15.2 0.0 29.6

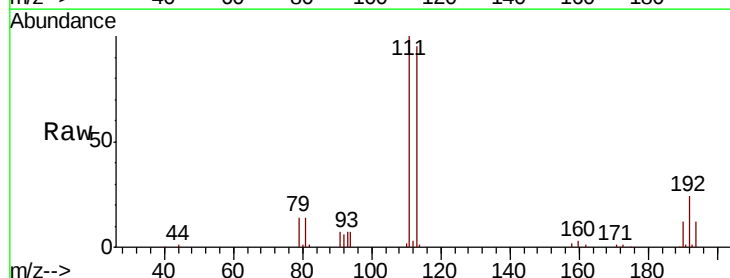


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

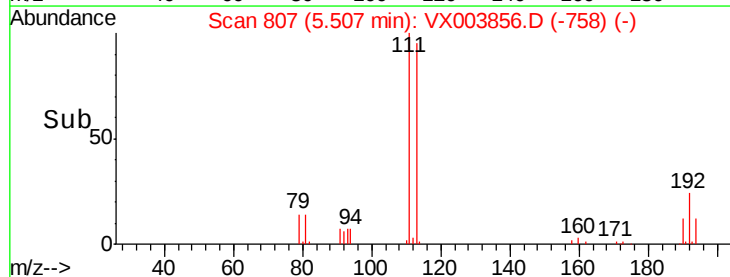
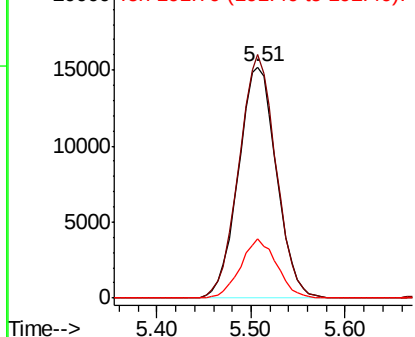


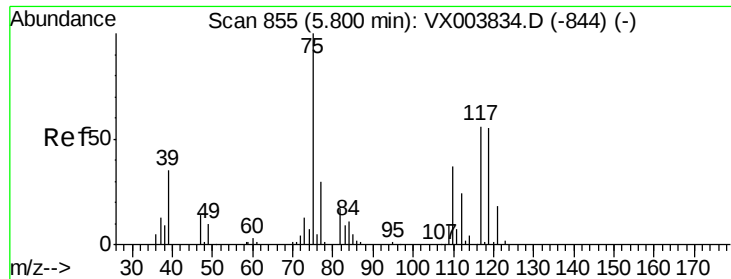
#35
 Dibromofluoromethane
 Concen: 46.86 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

Tgt Ion:113 Resp: 43039
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 24.5 19.7 29.5



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

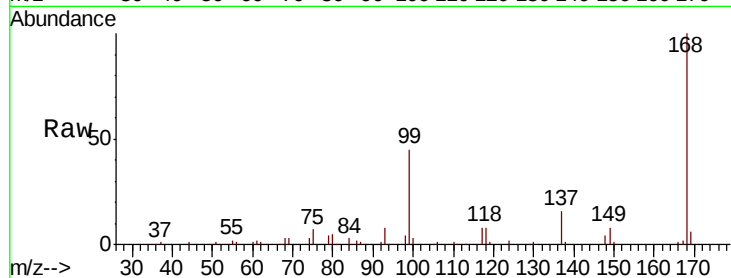




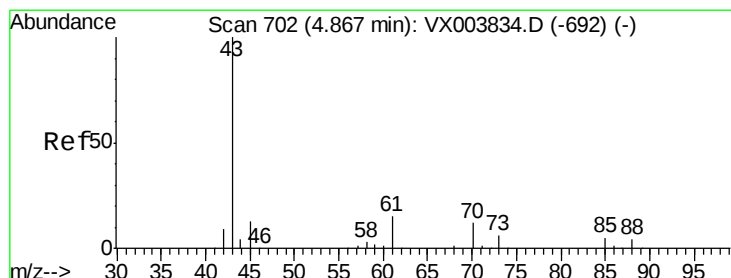
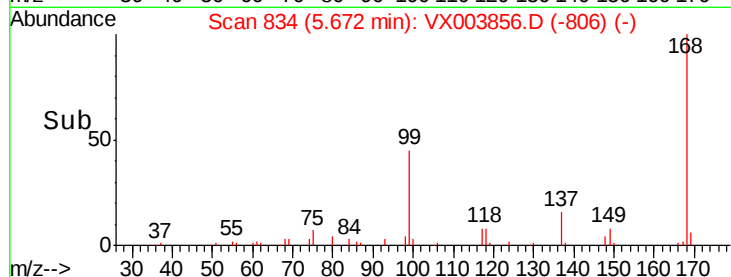
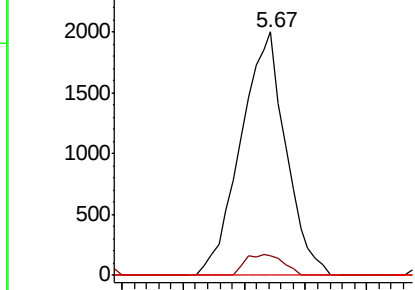
#36
 1,1-Dichloropropene
 Concen: 4.12 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 T40-STONE-1

Tot Ion: 75 Resp: 5122
 Ion Ratio Lower Upper
 75 100
 110 7.2 18.6 55.8#
 77 0.0 24.9 37.3#

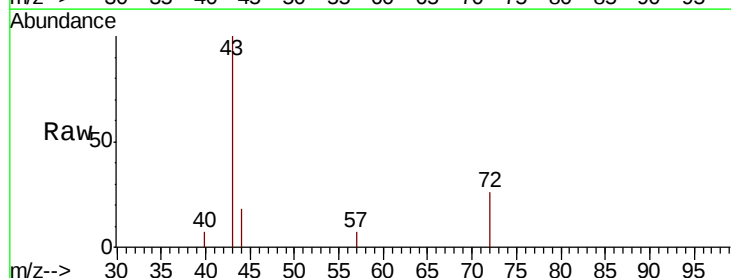


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

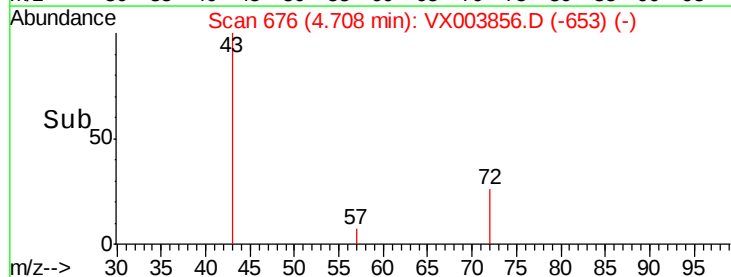
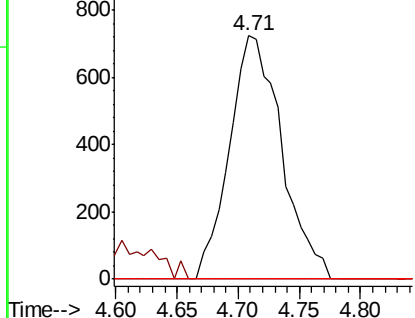


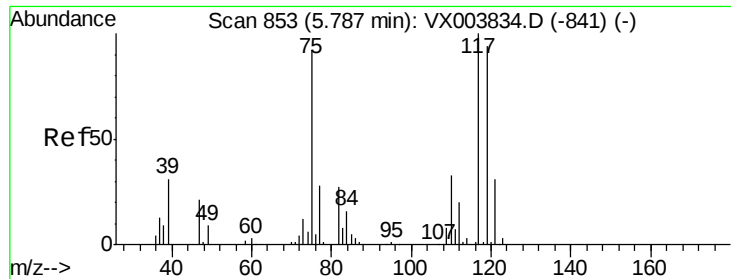
#37
 Ethyl Acetate
 Concen: 1.47 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.16 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

Tgt Ion: 43 Resp: 2147
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.4 18.6#
 70 0.0 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 5.40 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

T40-STONE-1

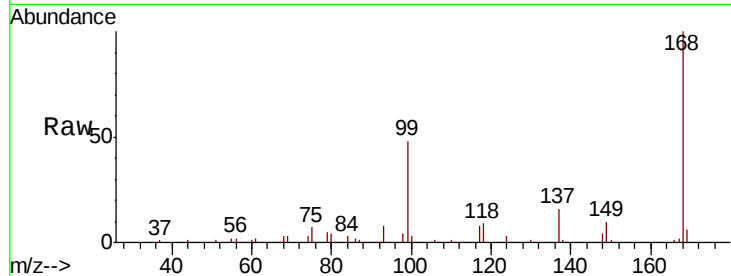
Tot Ion:117 Resp: 6670

Ion Ratio Lower Upper

117 100

119 5.9 74.6 112.0#

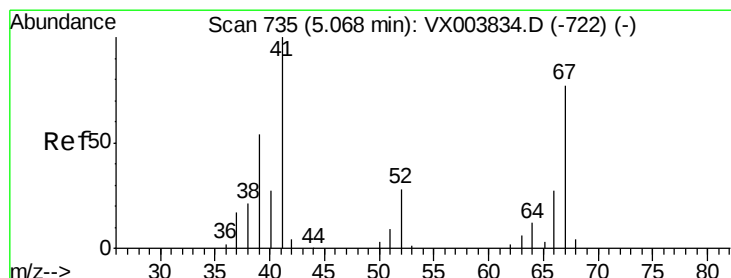
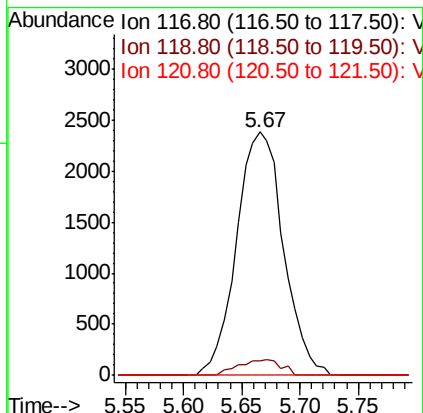
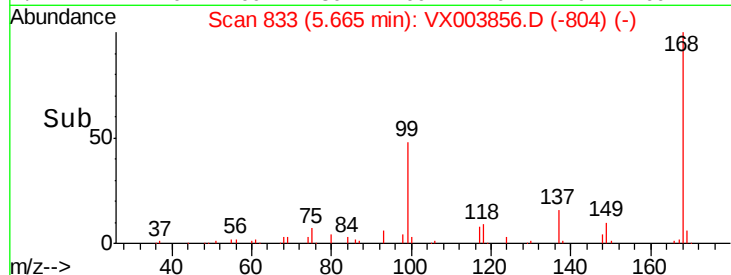
121 0.0 24.4 36.6#



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



#41

Methacrylonitrile

Concen: 0.47 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.10 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Tgt Ion: 41 Resp: 369

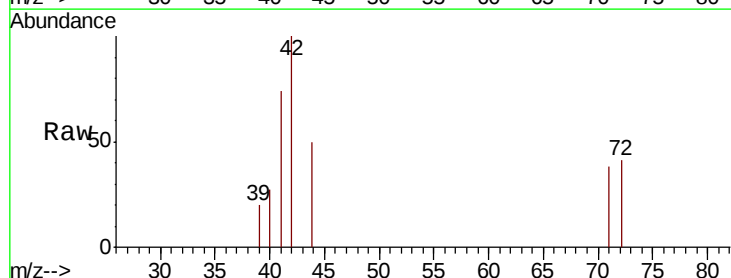
Ion Ratio Lower Upper

41 100

39 17.3 42.5 63.7#

67 0.0 58.8 88.2#

52 0.0 22.9 34.3#

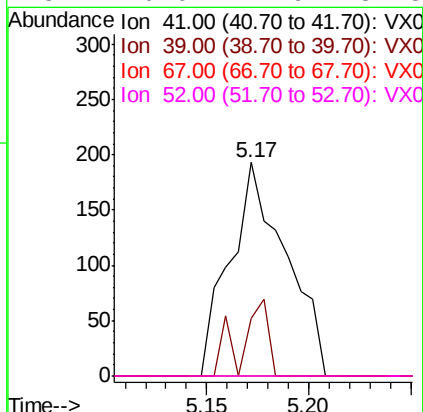
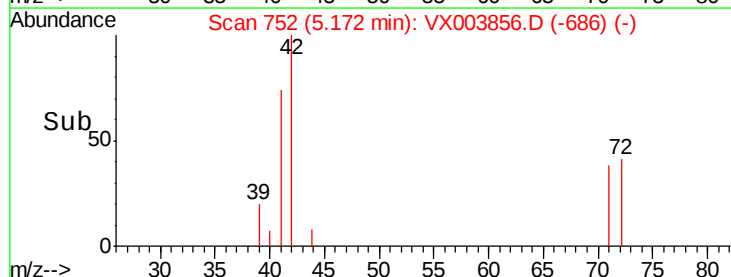


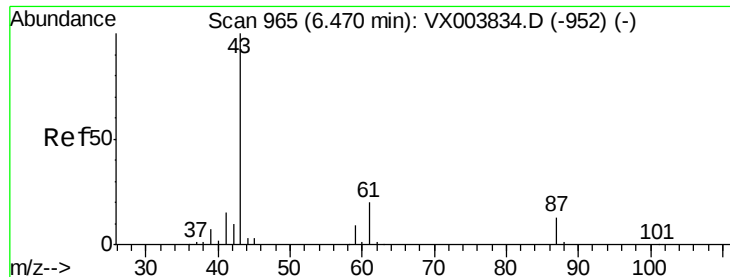
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



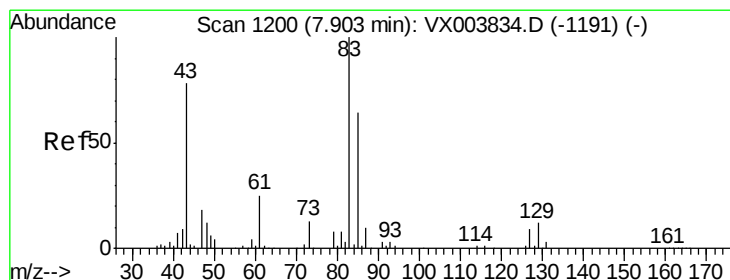
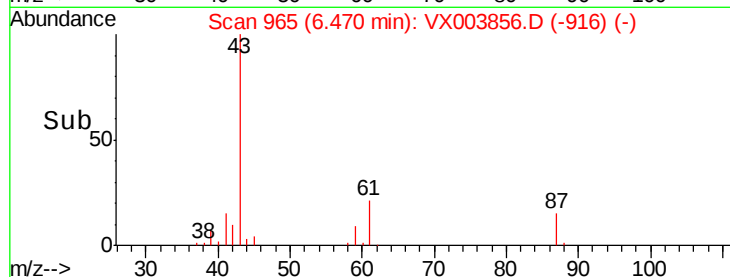
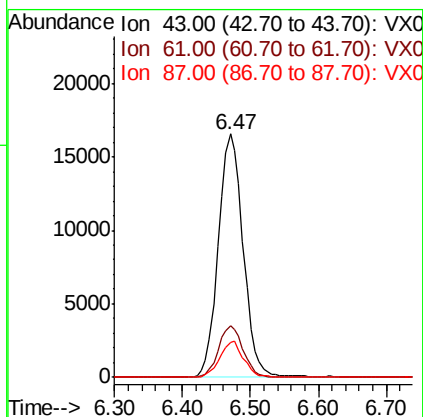
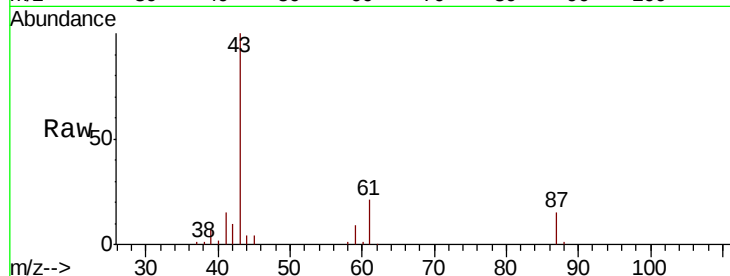


#43

Isopropyl Acetate
 Concen: 19.21 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 T40-STONE-1

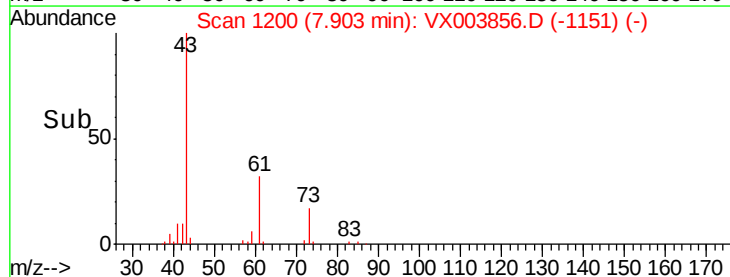
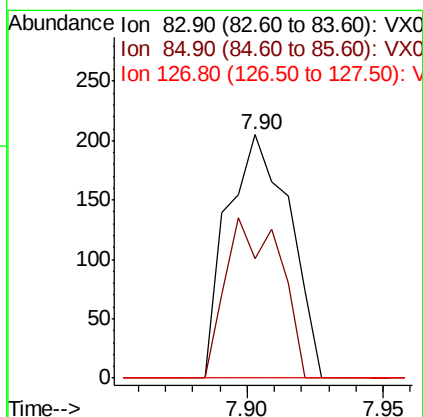
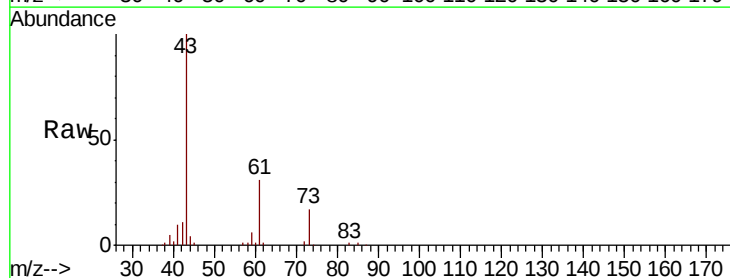
Tot Ion	43	Resp	42030
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.7	25.1
87	14.0	10.8	16.2

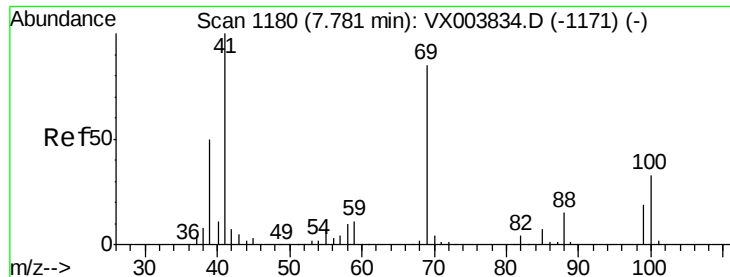


#47

Bromodichloromethane
 Concen: 0.27 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

Tgt Ion	83	Resp	326
Ion Ratio	Lower	Upper	
83	100		
85	49.3	51.4	77.2#
127	0.0	7.0	10.6#





#48

Methvl methacrylate

Concen: 2.43 ug/l

RT: 7.69 min Scan# 1165

Delta R.T. -0.09 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

T40-STONE-1

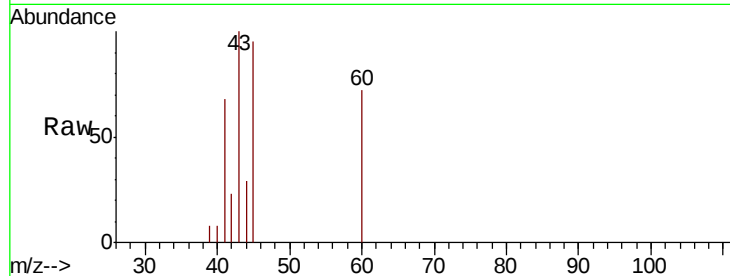
Tot Ion: 41 Resp: 2680

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.4#

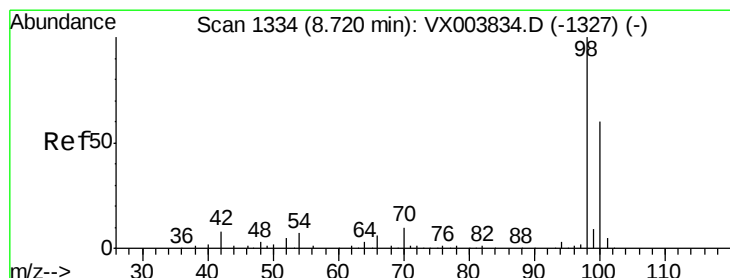
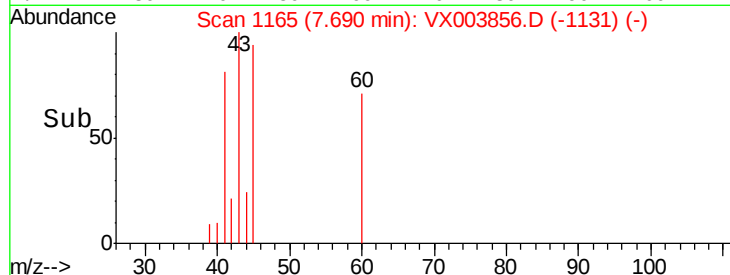
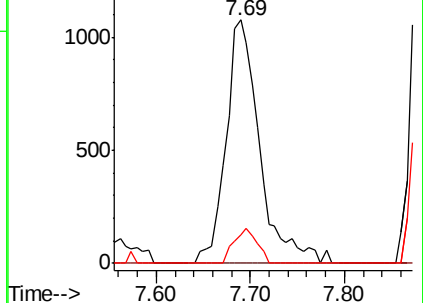
39 9.7 40.9 61.3#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

Toluene-d8

Concen: 47.82 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003856.D

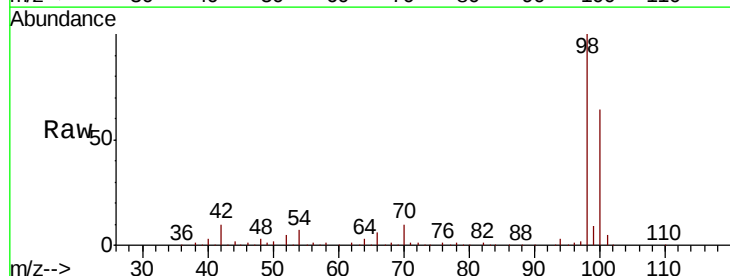
Acq: 03 Aug 2018 18:41

Tgt Ion: 98 Resp: 168292

Ion Ratio Lower Upper

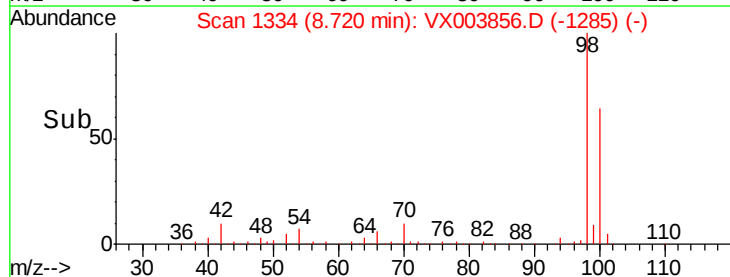
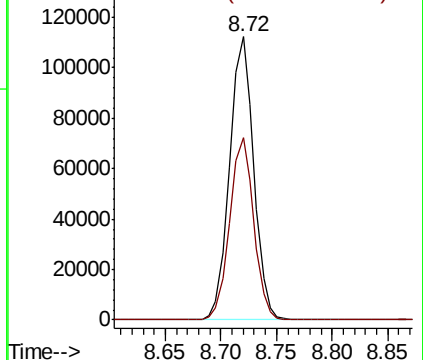
98 100

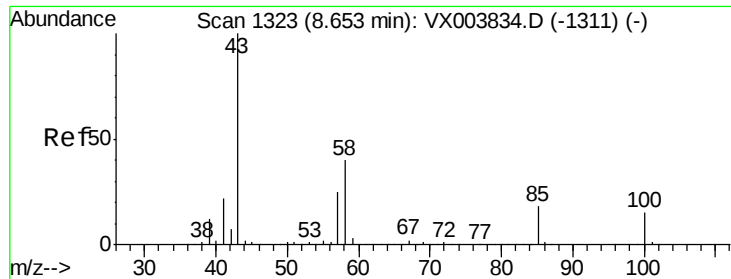
100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

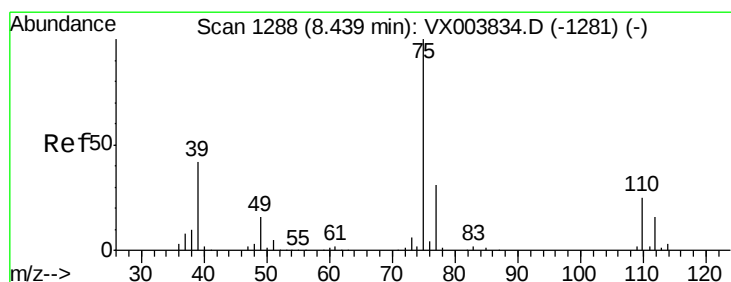
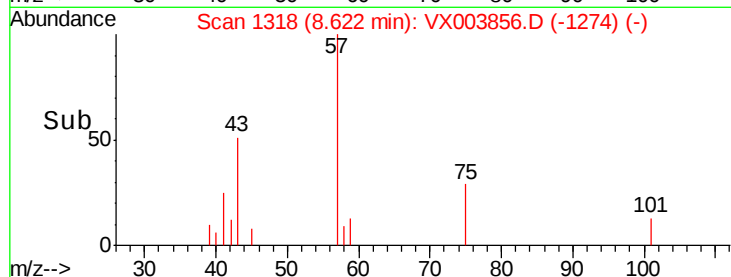
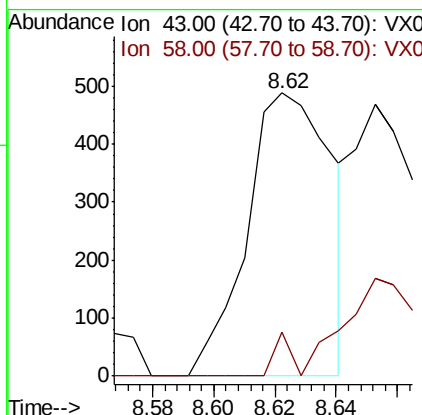
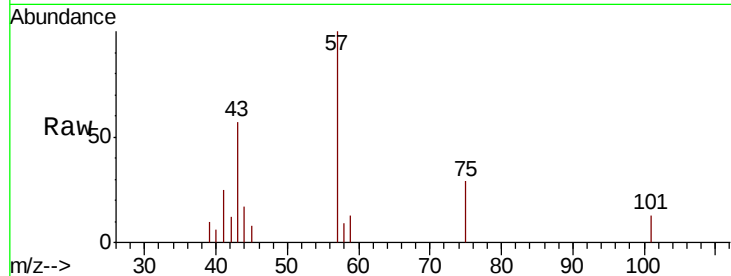




#51
 4-Methyl-2-Pentanone
 Concen: 0.51 ug/l
 RT: 8.62 min Scan# 1318
 Delta R.T. -0.03 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

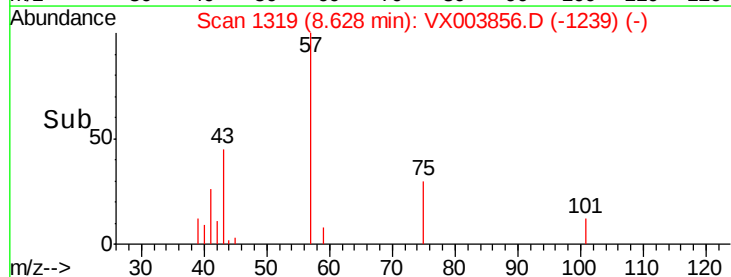
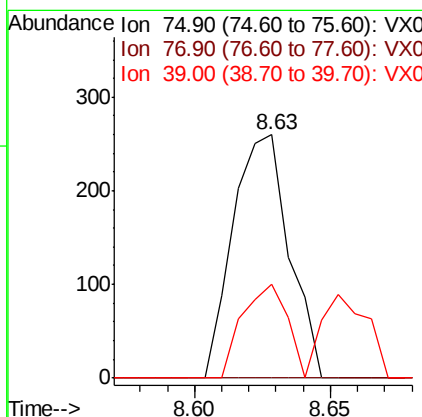
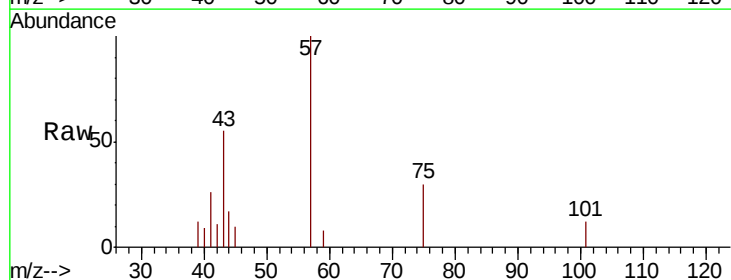
Instrument :
 MSVOA_X
 ClientSampleId :
 T40-STONE-1

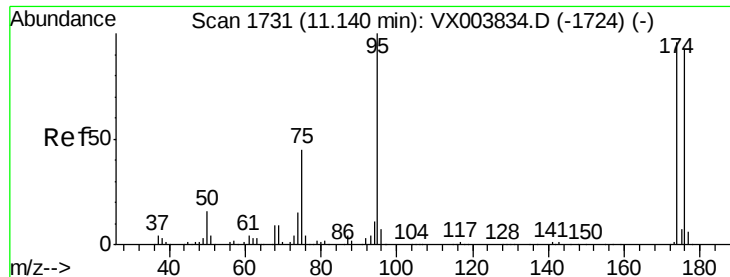
Tot Ion: 43 Resp: 939
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.2 48.2#



#54
 cis-1,3-Dichloropropene
 Concen: 0.26 ug/l
 RT: 8.63 min Scan# 1319
 Delta R.T. 0.19 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

Tgt Ion: 75 Resp: 372
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.2 37.8#
 39 38.5 33.5 50.3





#62

4-Bromofluorobenzene

Concen: 45.91 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

T40-STONE-1

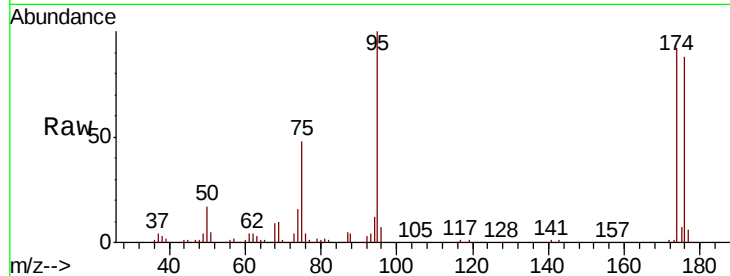
Tot Ion: 95 Resp: 58387

Ion Ratio Lower Upper

95 100

174 93.5 0.0 192.2

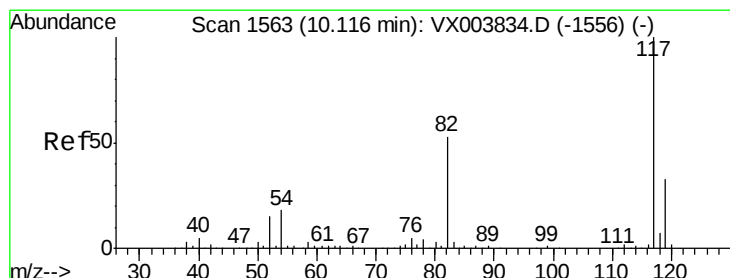
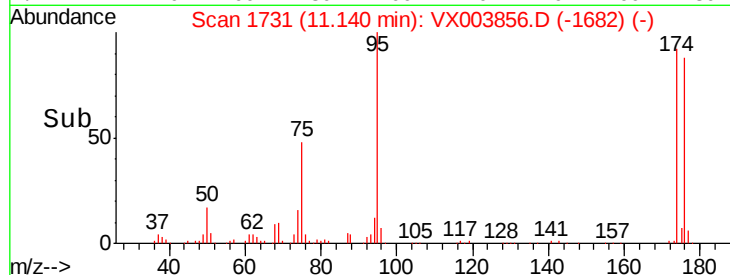
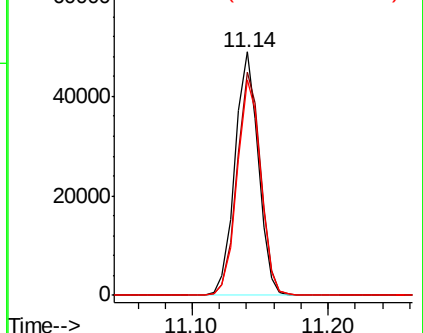
176 89.9 0.0 185.8



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

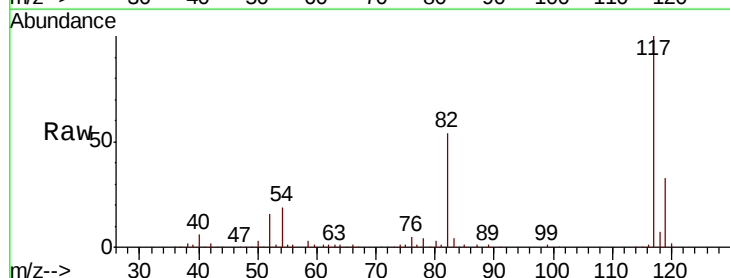
Tgt Ion: 117 Resp: 111810

Ion Ratio Lower Upper

117 100

82 54.1 42.2 63.4

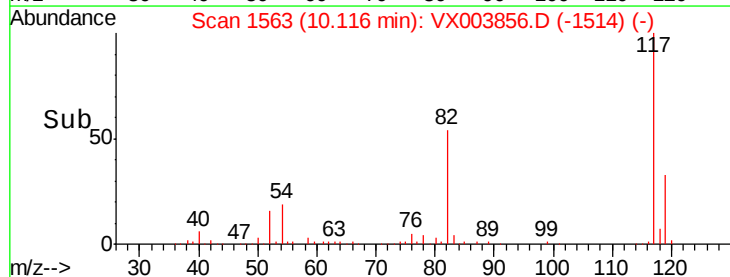
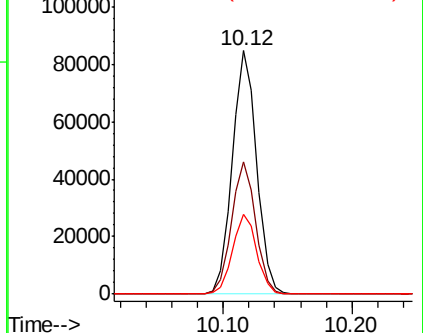
119 32.6 26.2 39.2

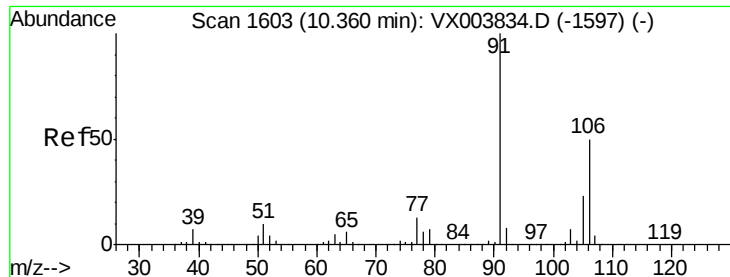


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

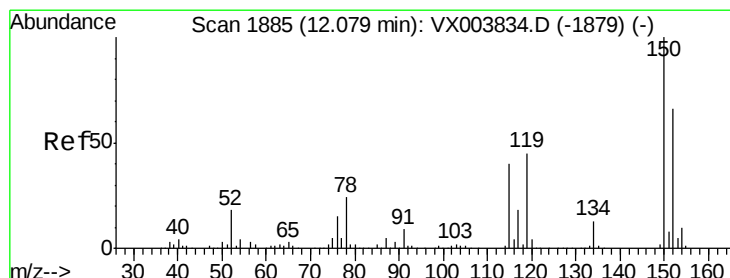
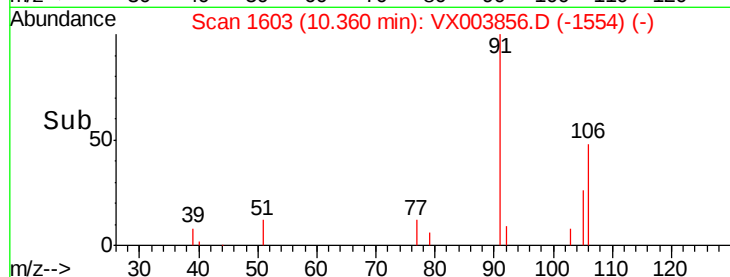
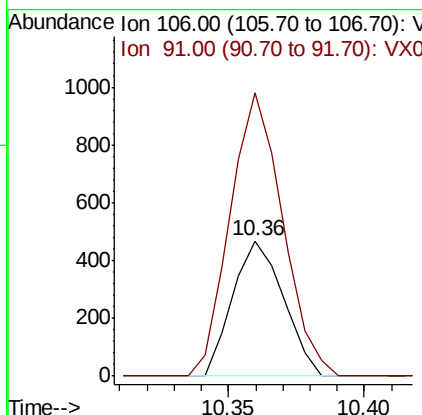
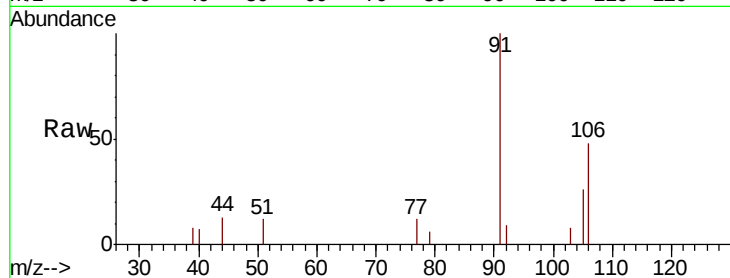




#68
m/p-Xvlenes
Concen: 0.35 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003856.D
Acq: 03 Aug 2018 18:41

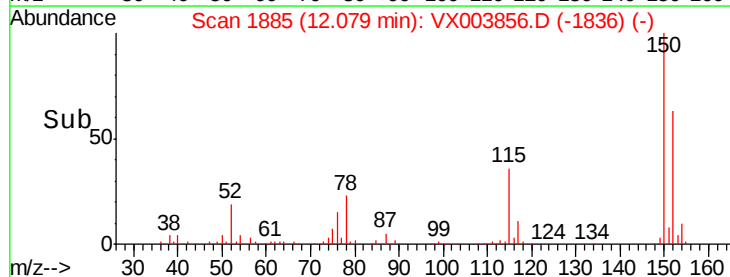
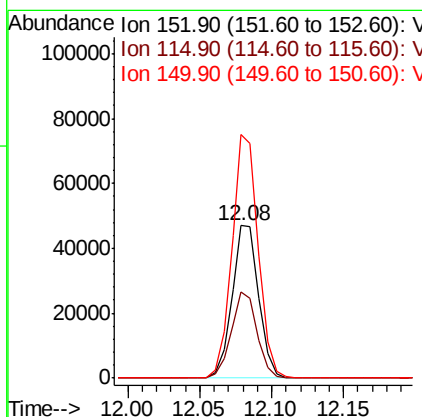
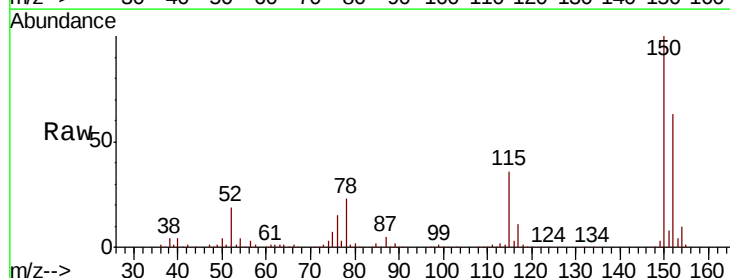
Instrument :
MSVOA_X
ClientSampleId :
T40-STONE-1

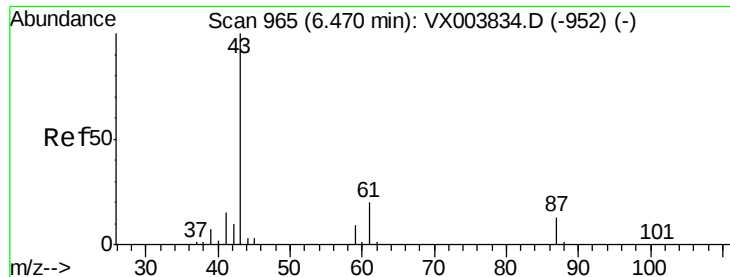
Tot Ion:106 Resp: 606
Ion Ratio Lower Upper
106 100
91 216.8 161.3 241.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003856.D
Acq: 03 Aug 2018 18:41

Tgt Ion:152 Resp: 60685
Ion Ratio Lower Upper
152 100
115 54.9 37.4 112.1
150 157.1 0.0 346.6





#74

N-amvl acetate

Concen: 21.78 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

T40-STONE-1

Tot Ion: 43 Resp: 42030

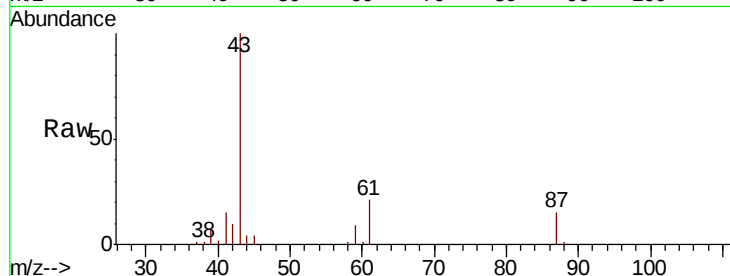
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.7 16.7 25.1

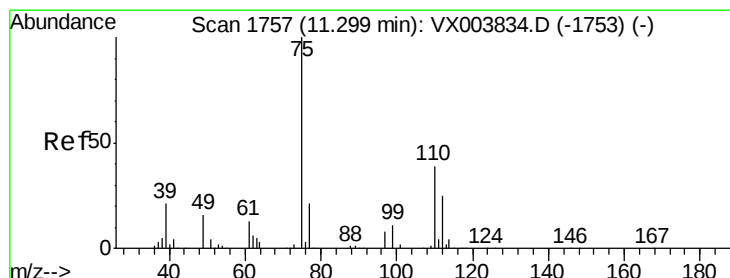
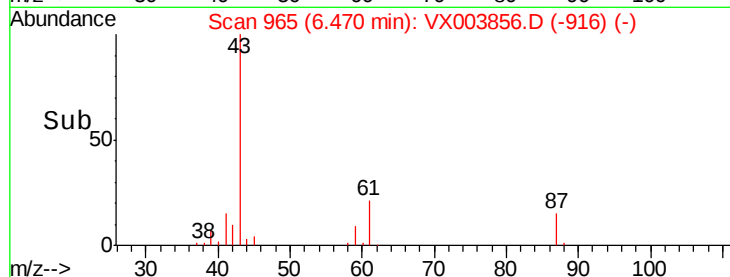
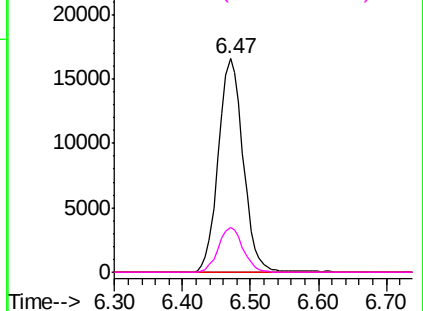


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003856.D

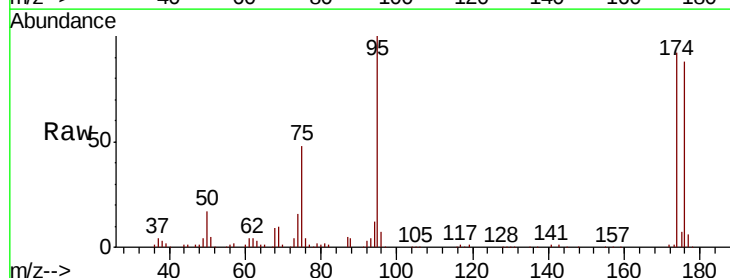
Acq: 03 Aug 2018 18:41

Tgt Ion: 75 Resp: 27537

Ion Ratio Lower Upper

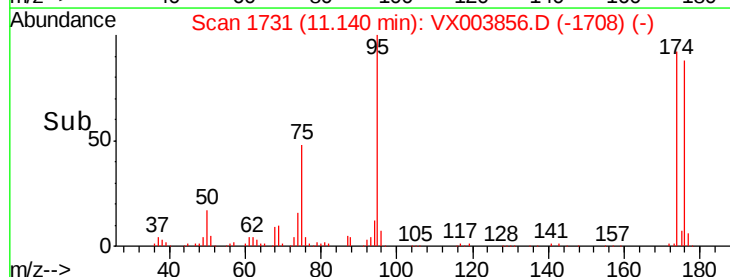
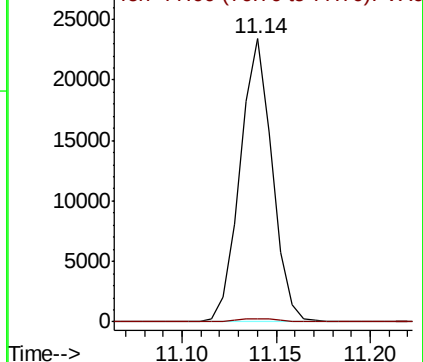
75 100

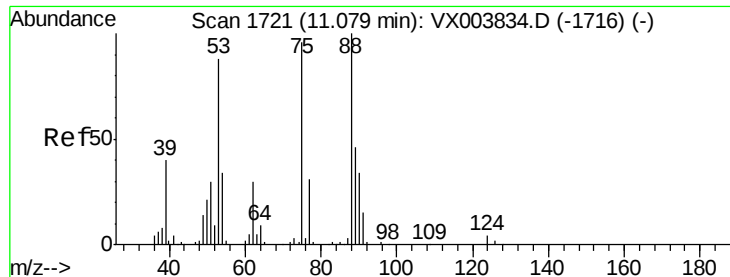
77 1.3 21.1 63.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 70.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

T40-STONE-1

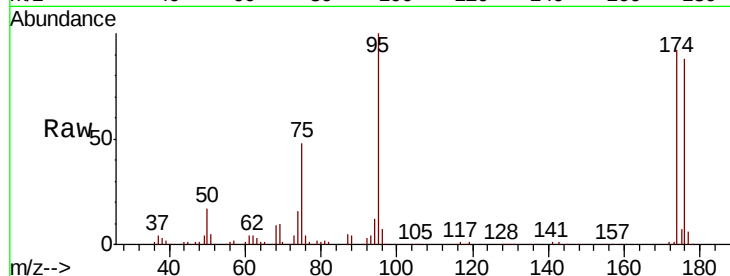
Tot Ion: 75 Resp: 27537

Ion Ratio Lower Upper

75 100

53 0.0 74.9 112.3#

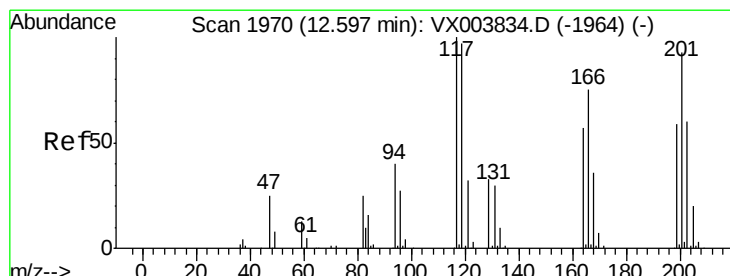
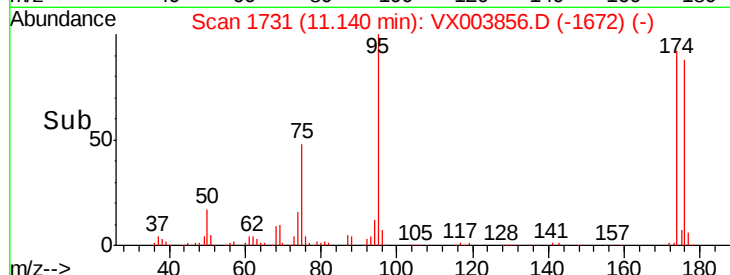
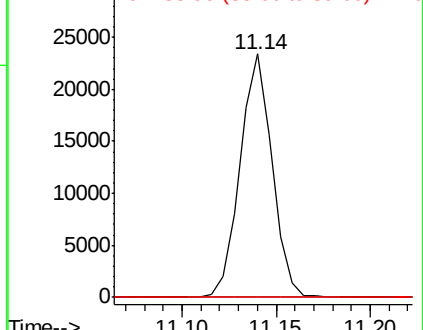
89 0.0 36.6 54.8#



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



#90

Hexachloroethane

Concen: 0.24 ug/l

RT: 12.76 min Scan# 1997

Delta R.T. 0.16 min

Lab File: VX003856.D

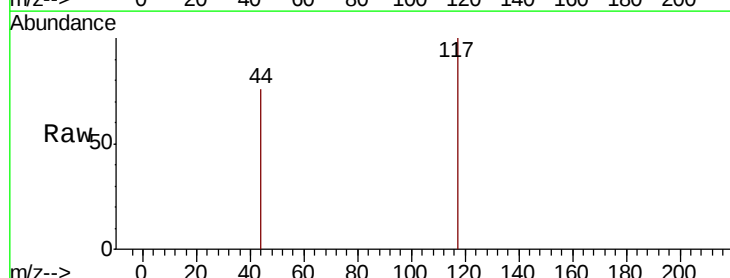
Acq: 03 Aug 2018 18:41

Tgt Ion: 117 Resp: 131

Ion Ratio Lower Upper

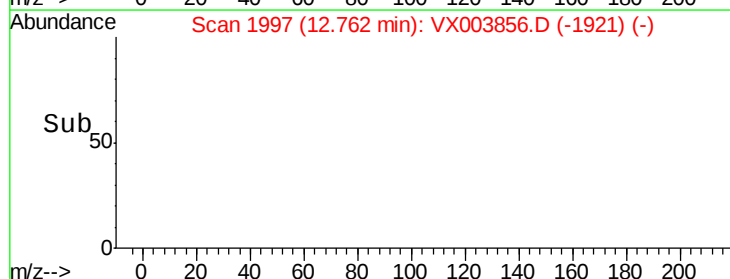
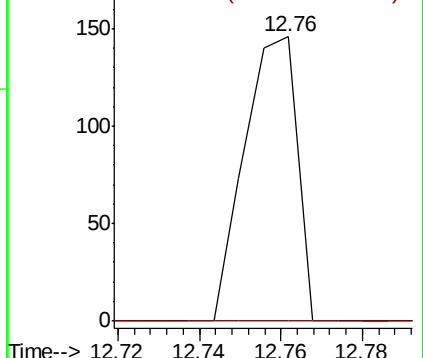
117 100

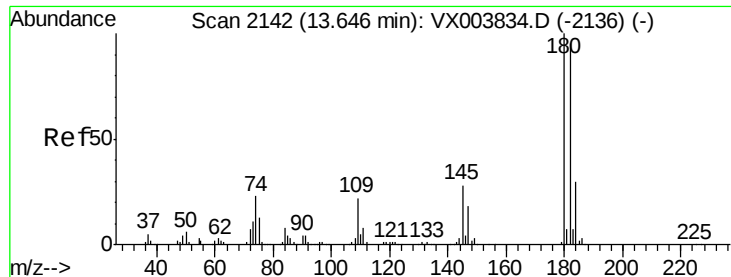
201 0.0 49.9 149.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

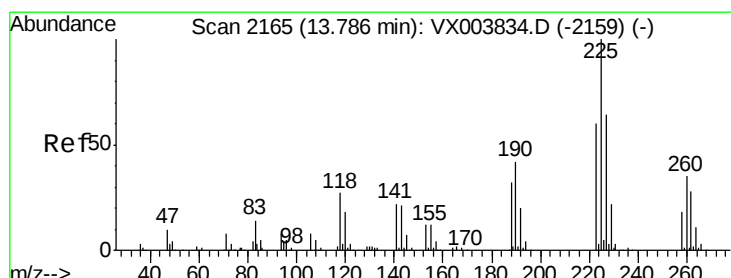
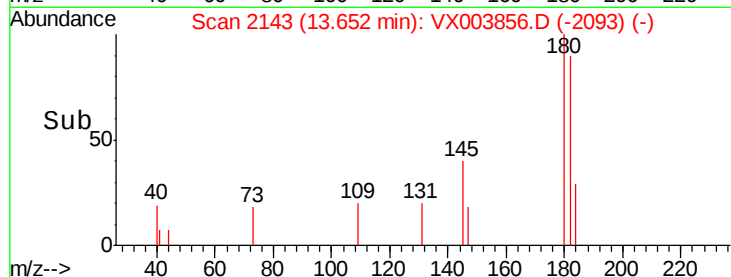
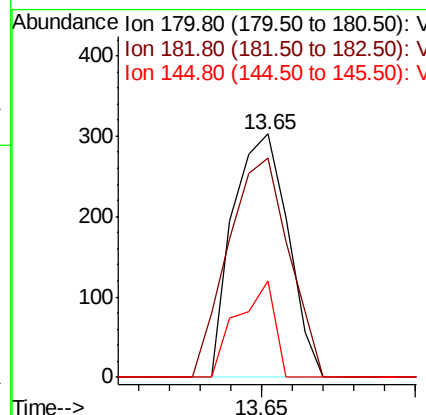
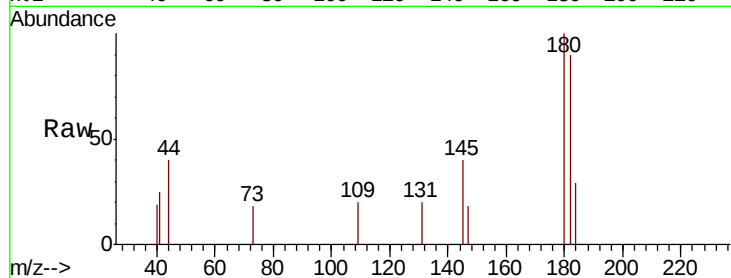




#93
 1,2,4-Trichlorobenzene
 Concen: 0.25 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

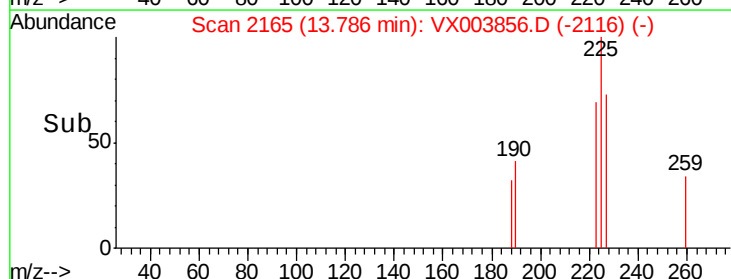
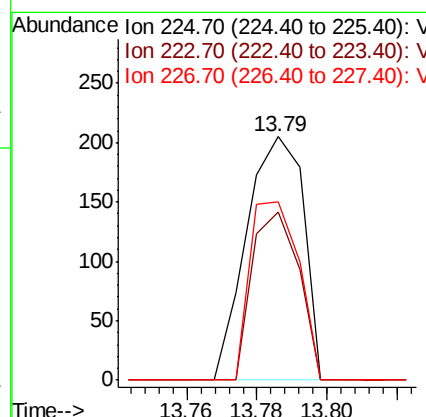
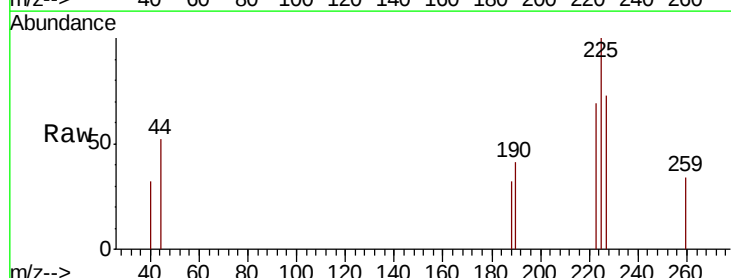
Instrument :
 MSVOA_X
 ClientSampleId :
 T40-STONE-1

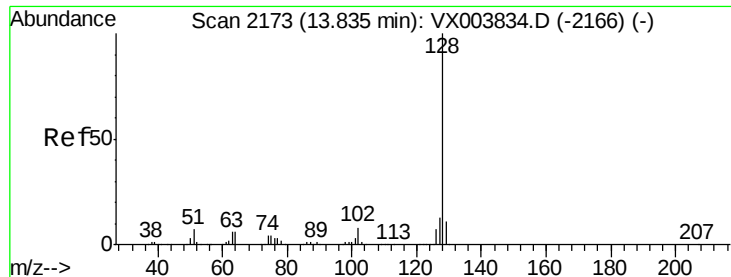
Tot Ion:180 Resp: 377
 Ion Ratio Lower Upper
 180 100
 182 100.0 47.6 142.9
 145 26.8 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 0.33 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

Tgt Ion:225 Resp: 231
 Ion Ratio Lower Upper
 225 100
 223 56.7 30.4 91.3
 227 63.2 32.2 96.6





#95

Naphthalene

Concen: 2.20 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

T40-STONE-1

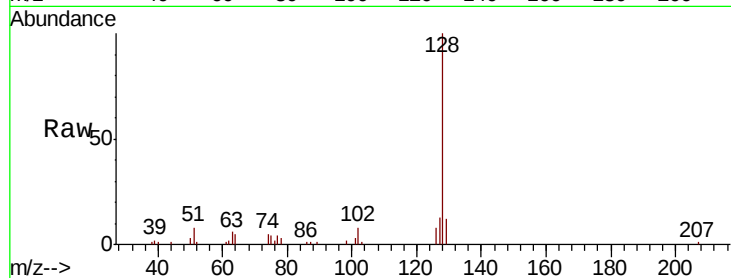
Tot Ion:128 Resp: 9586

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

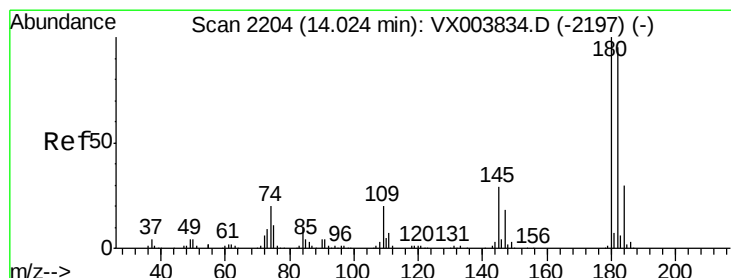
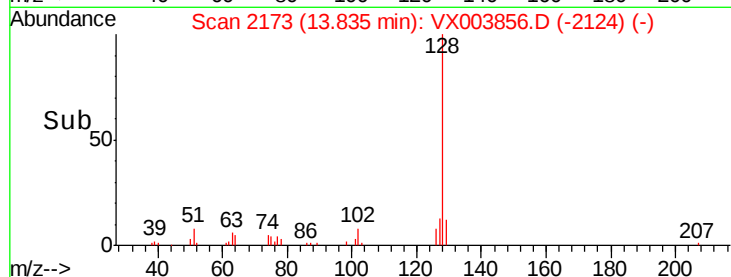
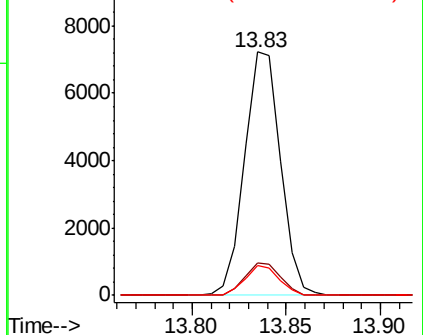
129 11.4 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 0.22 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

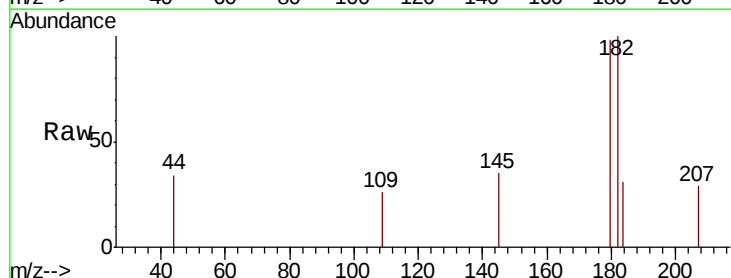
Tgt Ion:180 Resp: 342

Ion Ratio Lower Upper

180 100

182 88.9 47.8 143.4

145 16.4 14.6 44.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

