

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008150.D
 Acq On : 16 Mar 2019 19:20
 Operator : JC/SP
 Sample : K1960-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-031419

Quant Time: Mar 18 01:16:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182089	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	139285	43.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.56%	
35) Dibromofluoromethane	5.50	113	128334	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
50) Toluene-d8	8.71	98	496073	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.13	95	172210	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	

Target Compounds

					Qvalue	
3) Chloromethane	1.33	50	901	0.300	ug/l	99
5) Bromomethane	1.62	94	19	Below Cal	#	2
6) Chloroethane	1.95	64	762	Below Cal	#	60
11) Tert butyl alcohol	3.07	59	753	1.211	ug/l #	73
15) Acrylonitrile	3.17	53	938	0.619	ug/l #	42
16) Acetone	2.45	43	7600	5.002	ug/l	98
17) Carbon Disulfide	2.58	76	2350	0.336	ug/l	98
18) Methyl Acetate	2.78	43	8935	2.721	ug/l #	90
19) Methyl tert-butyl Ether	3.20	73	8352	1.016	ug/l #	31
20) Methylene Chloride	2.86	84	6755	2.489	ug/l #	85
25) 2-Butanone	4.69	43	39422	16.904	ug/l	99
30) Chloroform	5.27	83	1324	0.271	ug/l #	18
31) Cyclohexane	5.57	56	10372	2.254	ug/l	91
36) 1,1-Dichloropropene	5.66	75	17789	5.027	ug/l #	49
37) Ethyl Acetate	4.69	43	39422	10.366	ug/l #	68
38) Carbon Tetrachloride	5.67	117	26873	7.890	ug/l #	17
39) Methylcyclohexane	7.46	83	22562	4.988	ug/l	95
40) Benzene	6.14	78	2424	0.224	ug/l	97
48) Methyl methacrylate	7.73	41	2012	0.629	ug/l #	31
51) 4-Methyl-2-Pentanone	8.65	43	1427	0.354	ug/l #	69
55) 1,1,2-Trichloroethane	9.16	97	3225	1.149	ug/l #	17
56) Ethyl methacrylate	9.16	69	872	0.210	ug/l #	24
73) Isopropylbenzene	11.02	105	152251	13.055	ug/l	100
74) N-ethyl acetate	10.91	43	1887	0.384	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	3109	0.814	ug/l #	37
76) 1,2,3-Trichloropropane	11.36	75	2756	0.872	ug/l #	1
78) n-propylbenzene	11.36	91	529343	41.370	ug/l	99
79) 2-Chlorotoluene	11.36	91	529343	67.742	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.66	105	32125	3.343	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.13	75	76270	68.631	ug/l #	11
82) 4-Chlorotoluene	11.36	91	529343	59.147	ug/l #	43
83) tert-Butylbenzene	11.77	119	19213	1.995	ug/l	89
84) 1,2,4-Trimethylbenzene	11.66	105	32125	3.241	ug/l	77
85) sec-Butylbenzene	11.94	105	158118	13.780	ug/l	96

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QLast Update : Fri Mar 15 03:56:35 2019
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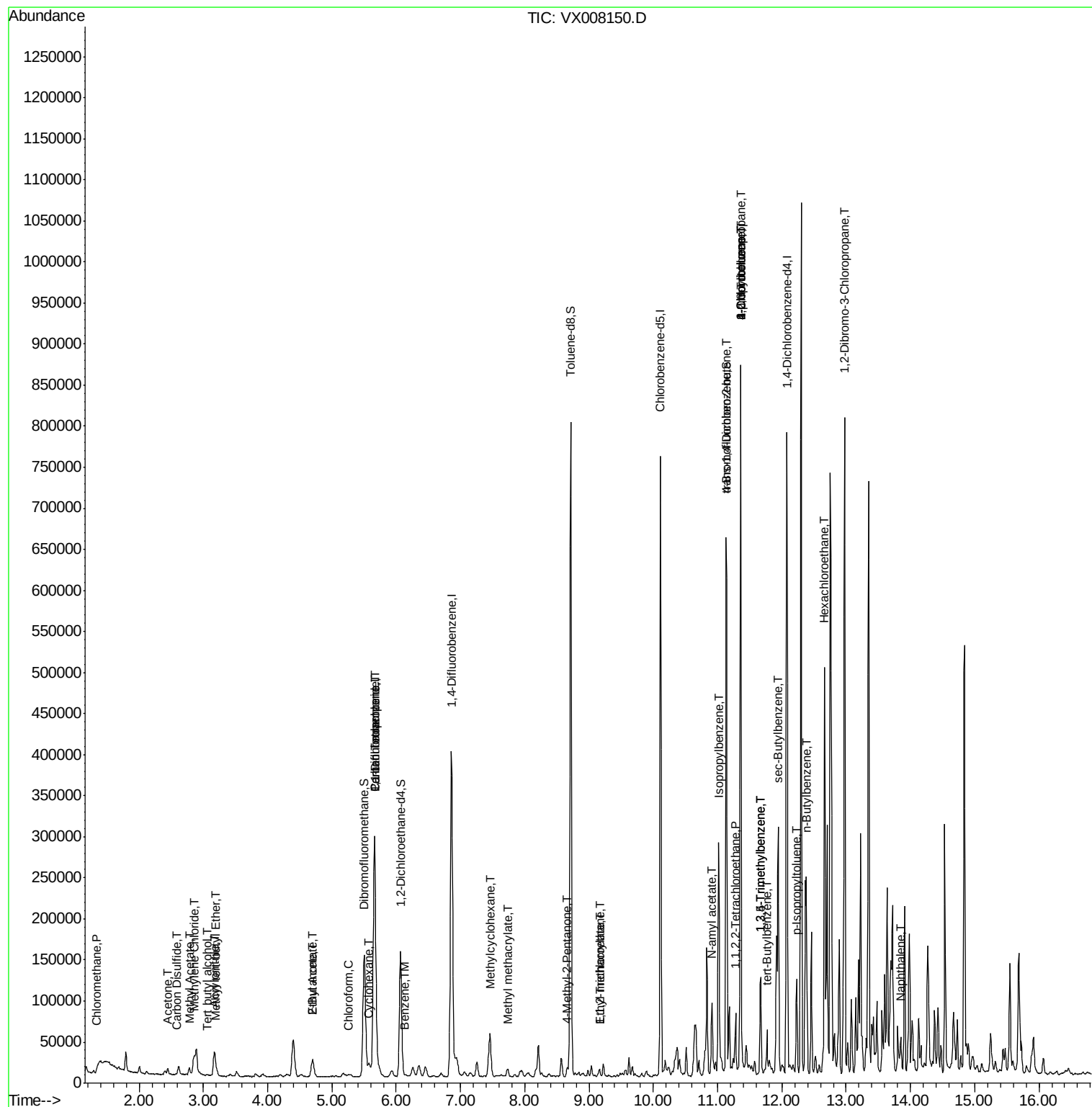
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.23	119	51610	4.973	ug/l	98
89) n-Butylbenzene	12.38	91	106860	12.306	ug/l #	83
90) Hexachloroethane	12.66	117	20232	12.182	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.97	75	2489	3.222	ug/l #	1
95) Naphthalene	13.83	128	12467	1.114	ug/l #	94

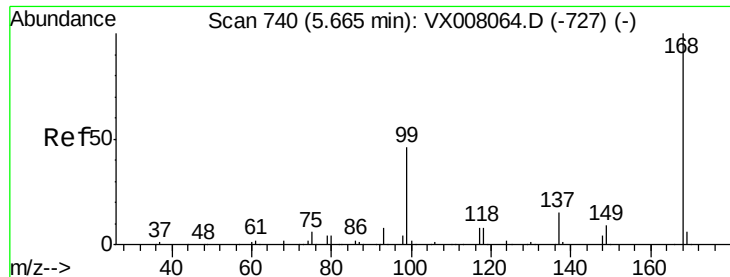
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

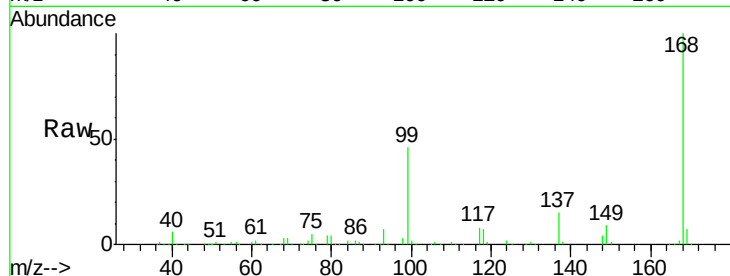
T3-MW-3-9.0-031419

Tot Ion:168 Resp: 319028

Ion Ratio Lower Upper

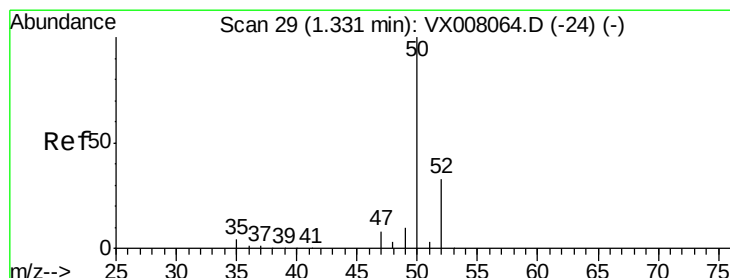
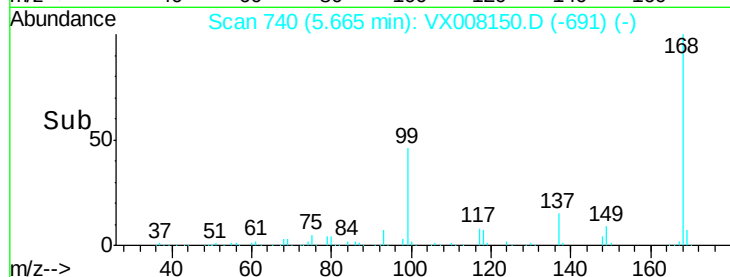
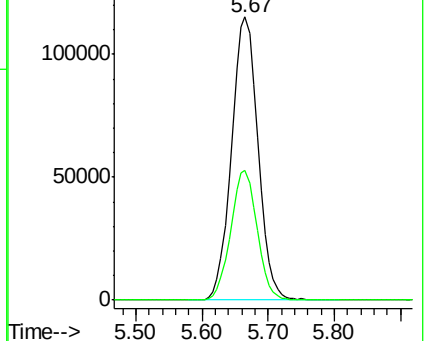
168 100

99 45.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.300 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008150.D

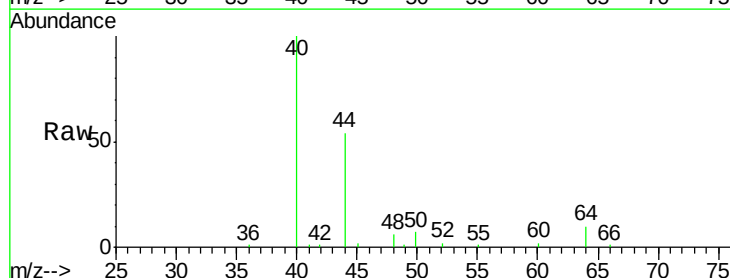
Acq: 16 Mar 2019 19:20

Tgt Ion: 50 Resp: 901

Ion Ratio Lower Upper

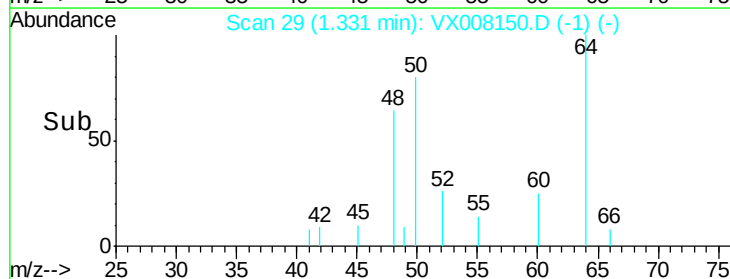
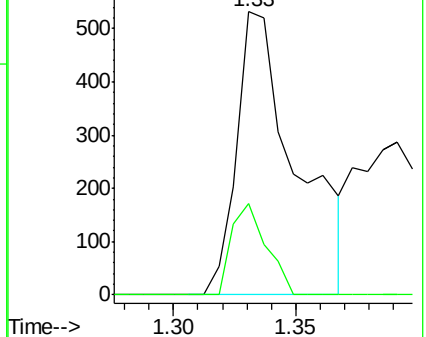
50 100

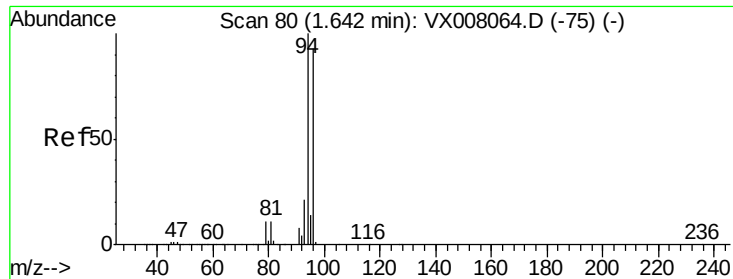
52 32.3 26.5 39.7



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: 1.62 min Scan# 76

Delta R.T. -0.02 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

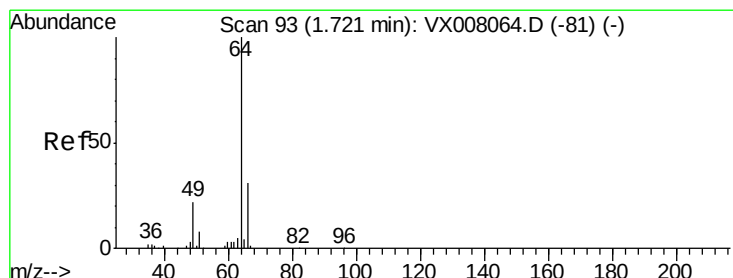
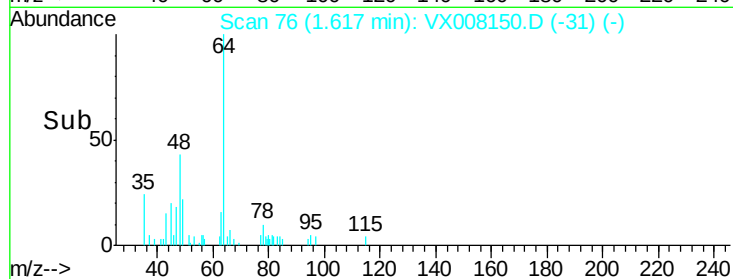
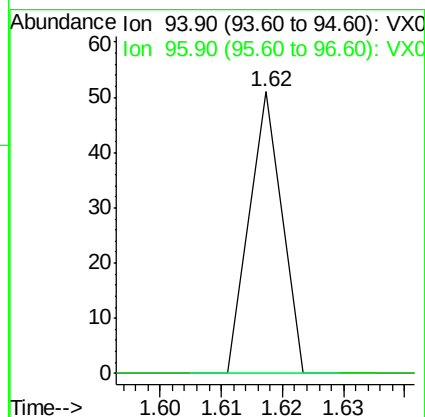
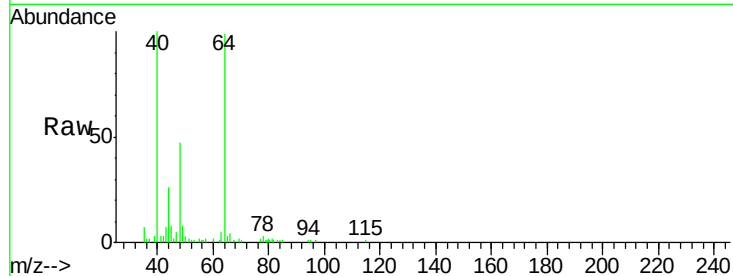
T3-MW-3-9.0-031419

Tot Ion: 94 Resp: 19

Ion Ratio Lower Upper

94 100

96 0.0 75.5 113.3#



#6

Chloroethane

Concen: Below Cal

RT: 1.95 min Scan# 130

Delta R.T. 0.23 min

Lab File: VX008150.D

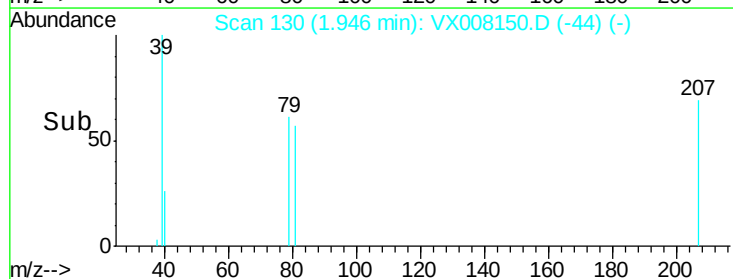
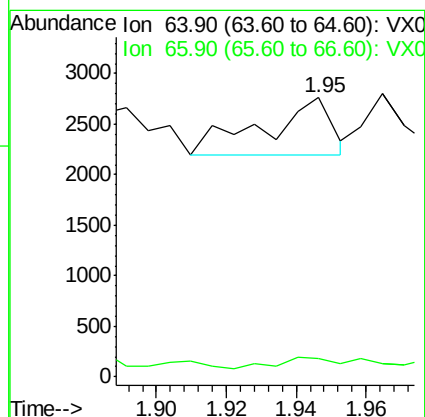
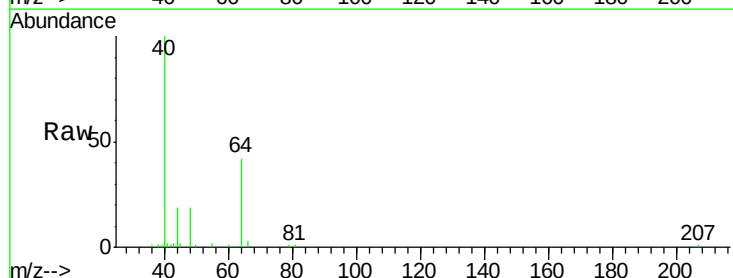
Acq: 16 Mar 2019 19:20

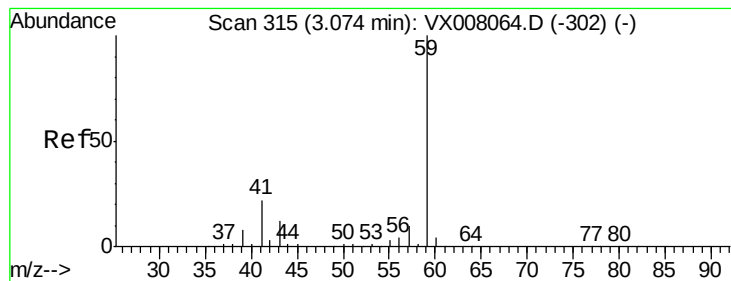
Tgt Ion: 64 Resp: 762

Ion Ratio Lower Upper

64 100

66 9.5 25.2 37.8#



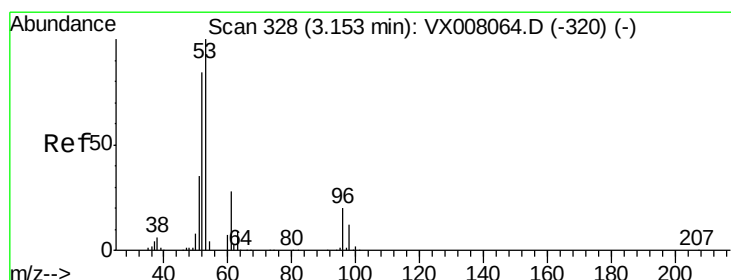
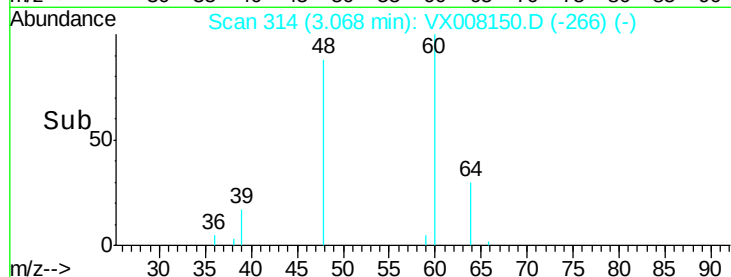
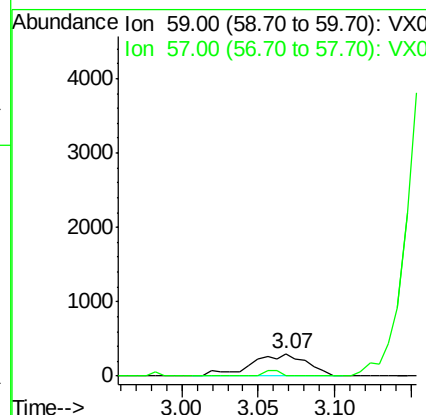
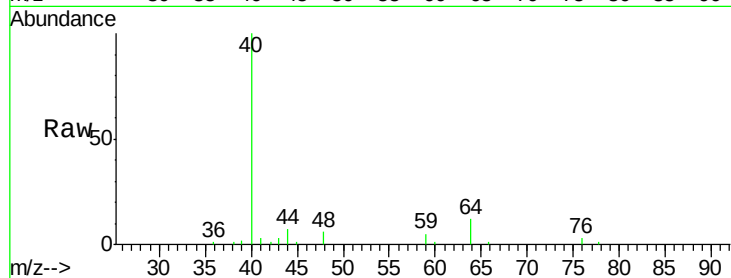


#11

Tert butyl alcohol
 Concen: 1.211 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX008150.D
 Acq: 16 Mar 2019 19:20

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-031419

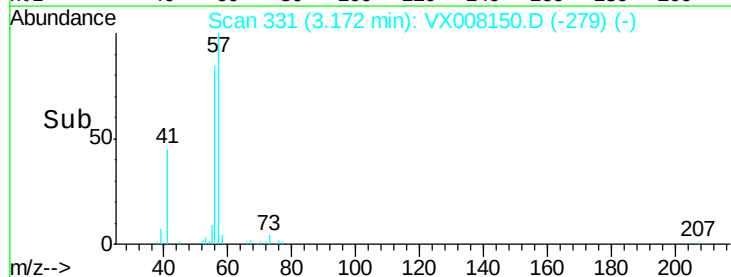
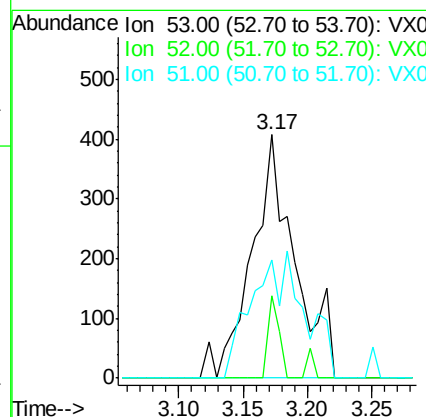
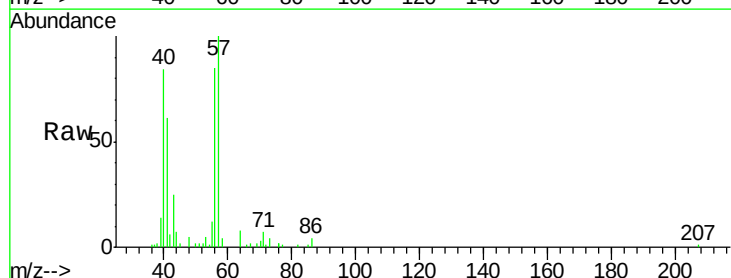
Tot Ion: 59 Resp: 753
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

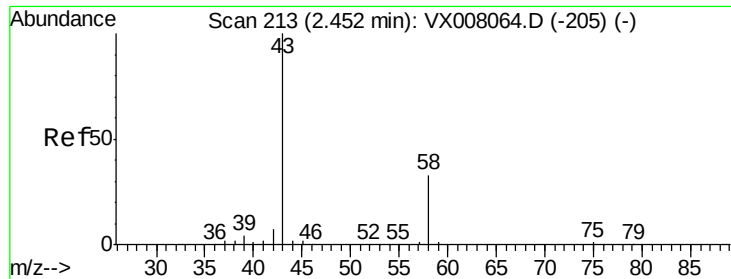


#15

Acrylonitrile
 Concen: 0.619 ug/l
 RT: 3.17 min Scan# 331
 Delta R.T. 0.02 min
 Lab File: VX008150.D
 Acq: 16 Mar 2019 19:20

Tgt Ion: 53 Resp: 938
 Ion Ratio Lower Upper
 53 100
 52 8.5 66.0 99.0#
 51 34.9 28.0 42.0





#16

Acetone

Concen: 5.002 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

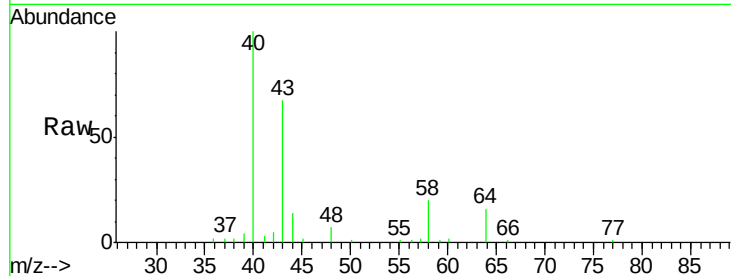
T3-MW-3-9.0-031419

Tot Ion: 43 Resp: 7600

Ion Ratio Lower Upper

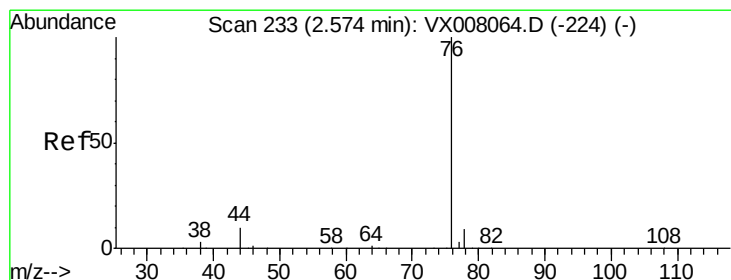
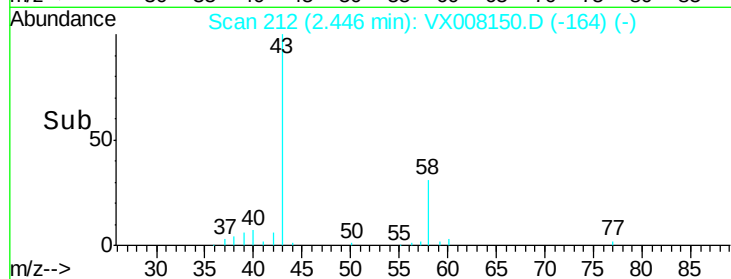
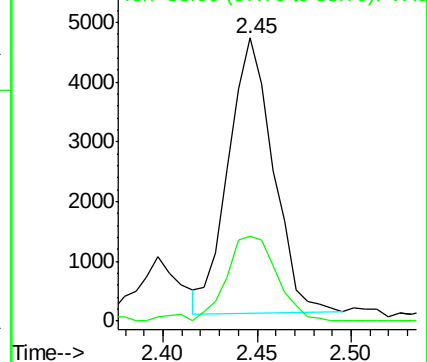
43 100

58 31.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.336 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX008150.D

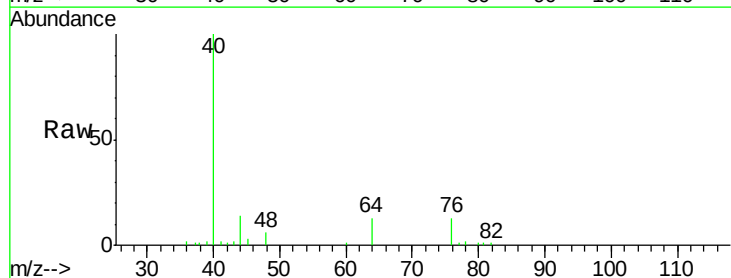
Acq: 16 Mar 2019 19:20

Tgt Ion: 76 Resp: 2350

Ion Ratio Lower Upper

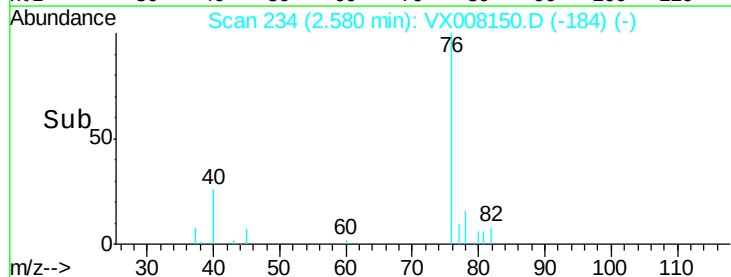
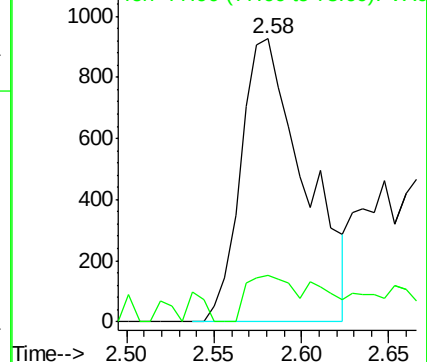
76 100

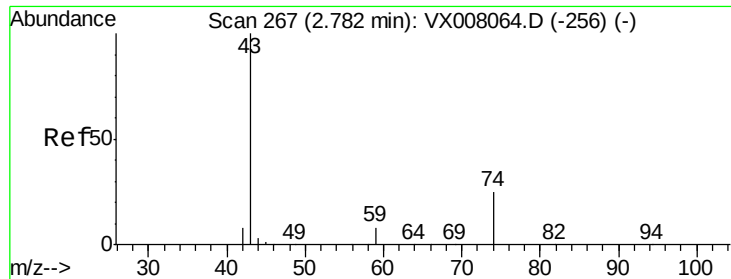
78 8.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

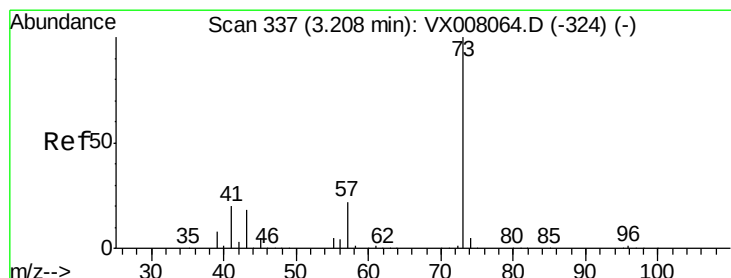
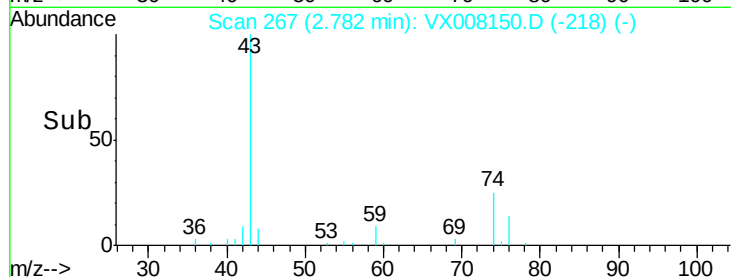
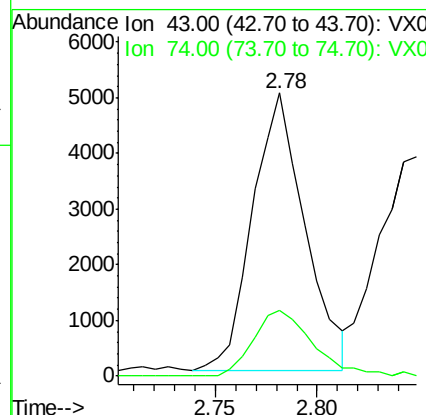
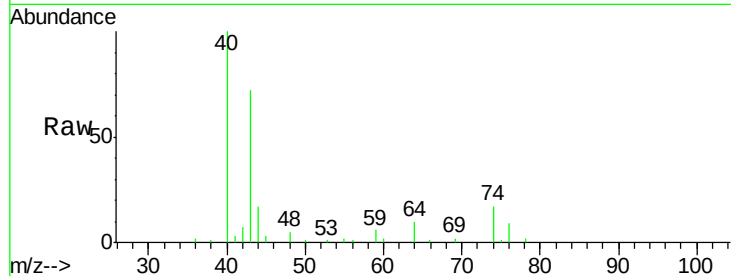




#18
Methvl Acetate
Concen: 2.721 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

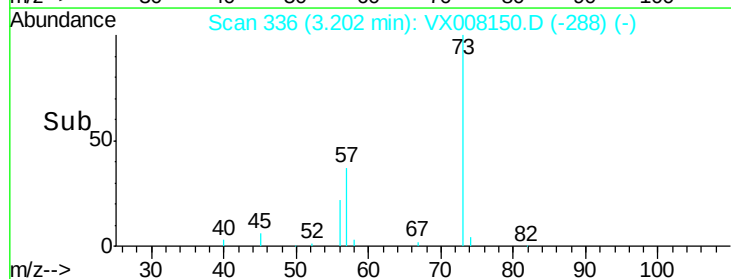
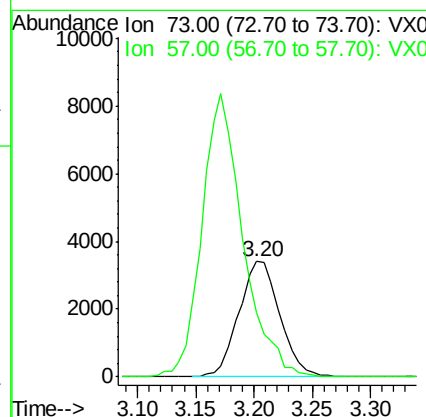
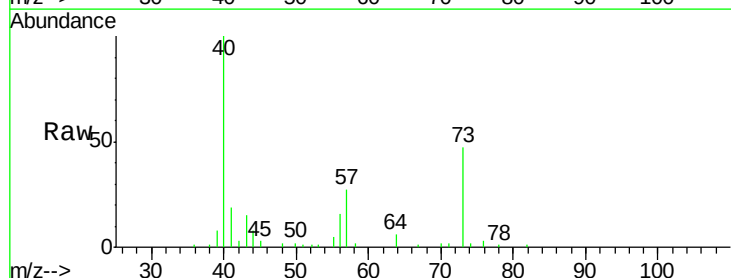
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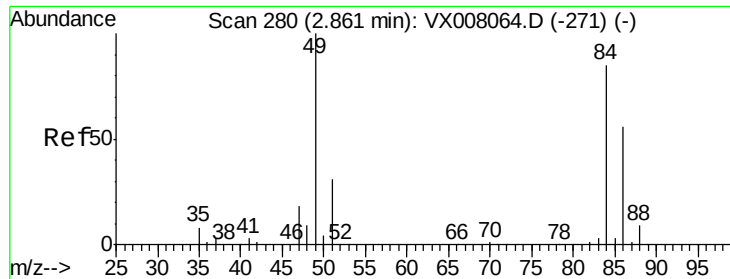
Tot Ion: 43 Resp: 8935
Ion Ratio Lower Upper
43 100
74 26.9 17.8 26.6#



#19
Methyl tert-butyl Ether
Concen: 1.016 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

Tgt Ion: 73 Resp: 8352
Ion Ratio Lower Upper
73 100
57 56.3 18.2 27.4#

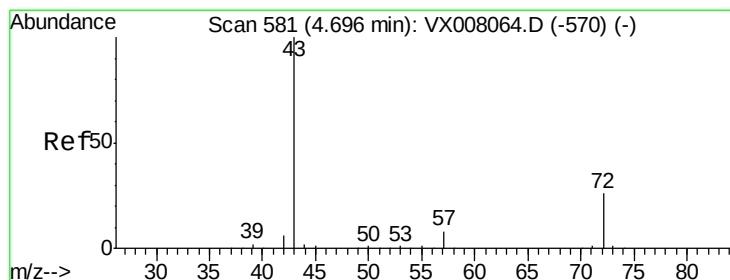
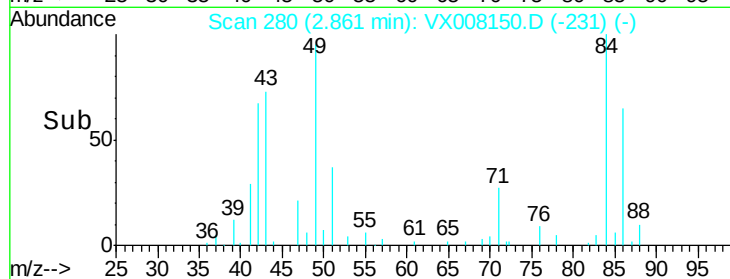
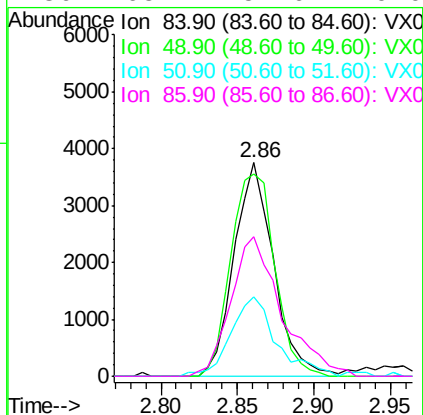
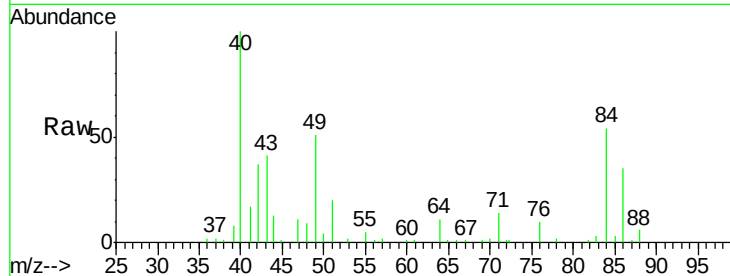




#20
Methvlene Chloride
Concen: 2.489 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

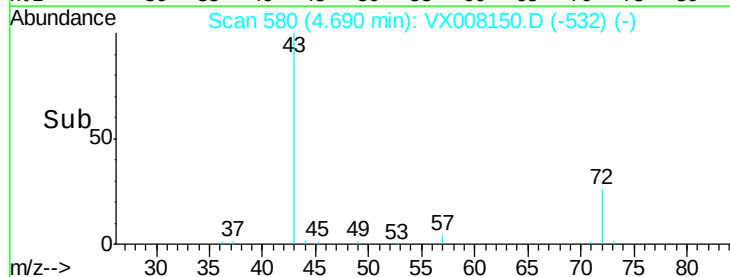
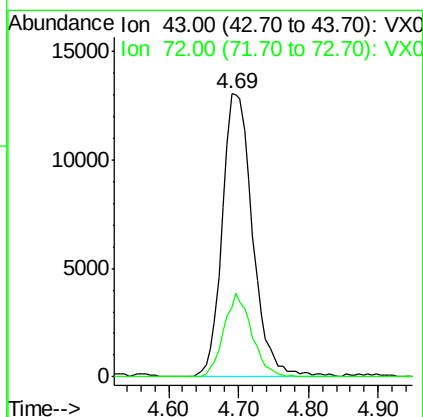
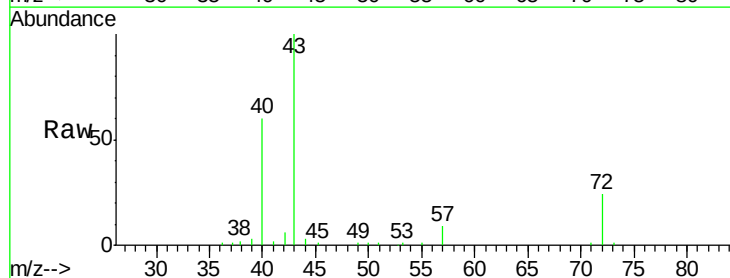
Instrument :
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ClientSampleId :
T3-MW-3-9.0-031419

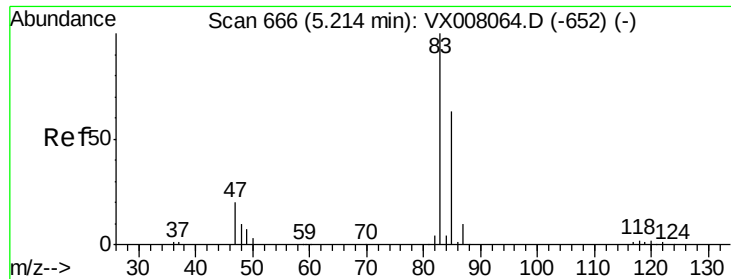
Tot Ion:	84	Resp:	6755
Ion	Ratio	Lower	Upper
84	100		
49	94.5	99.3	148.9#
51	37.5	31.3	46.9
86	65.4	52.6	79.0



#25
2-Butanone
Concen: 16.904 ug/l
RT: 4.69 min Scan# 580
Delta R.T. -0.01 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

Tgt Ion:	43	Resp:	39422
Ion	Ratio	Lower	Upper
43	100		
72	24.5	19.9	29.9

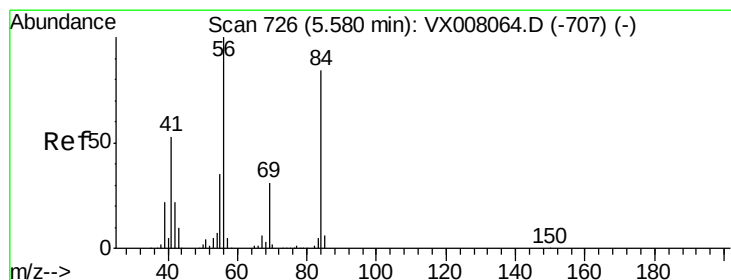
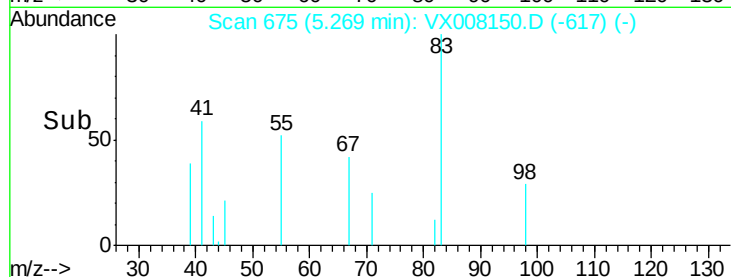
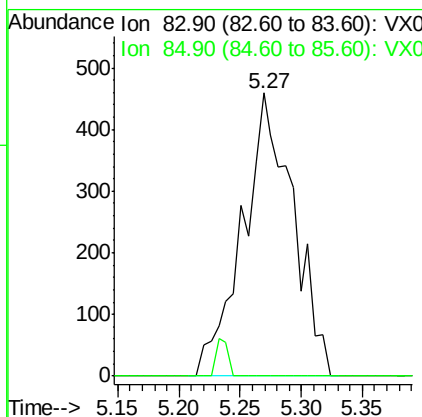
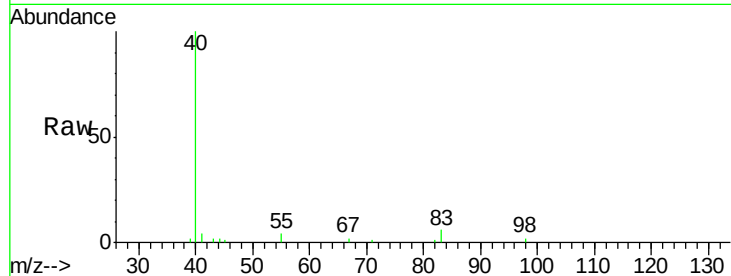




#30
Chloroform
Concen: 0.271 ug/l
RT: 5.27 min Scan# 675
Delta R.T. 0.05 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

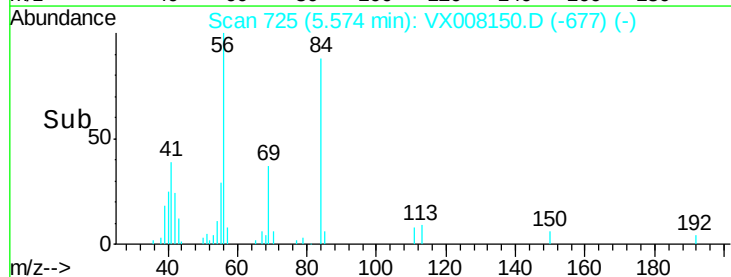
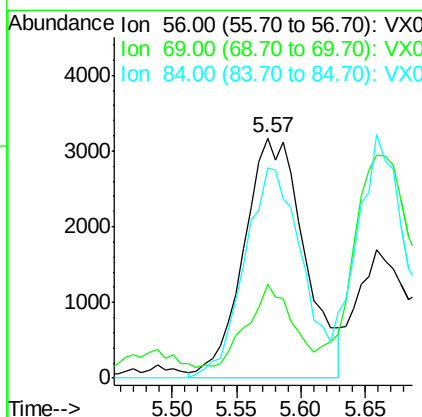
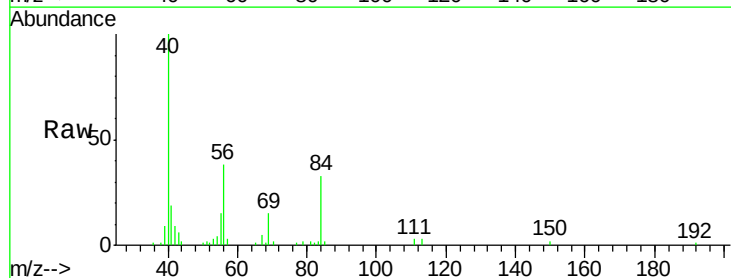
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-031419

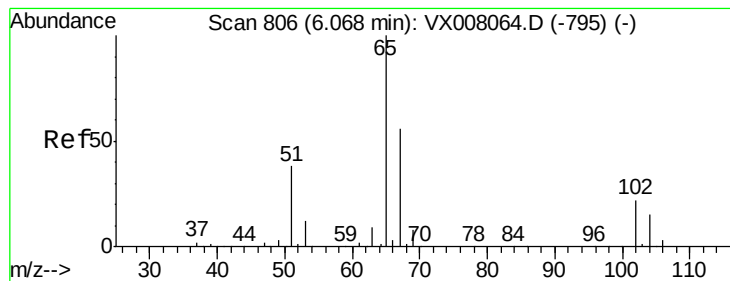
Tot Ion: 83 Resp: 1324
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.6#



#31
Cyclohexane
Concen: 2.254 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

Tgt Ion: 56 Resp: 10372
Ion Ratio Lower Upper
56 100
69 33.7 24.0 36.0
84 89.9 65.3 97.9





#33

1,2-Dichloroethane-d4

Concen: 43.281 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

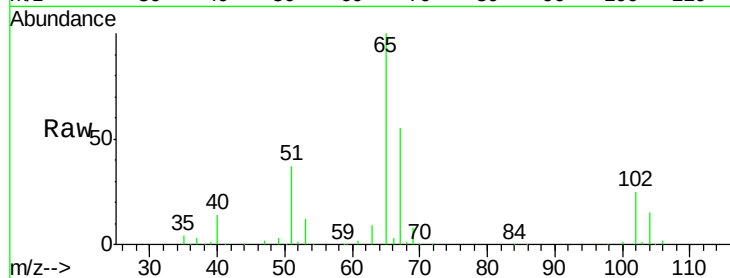
T3-MW-3-9.0-031419

Tot Ion: 65 Resp: 139285

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

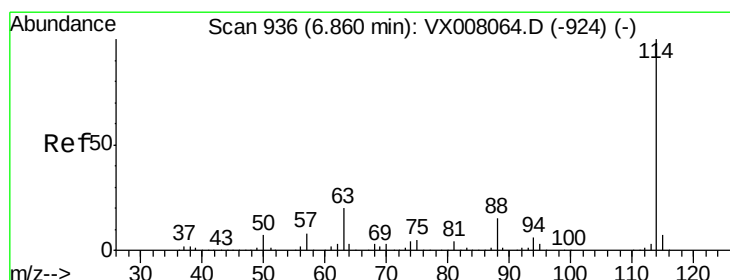
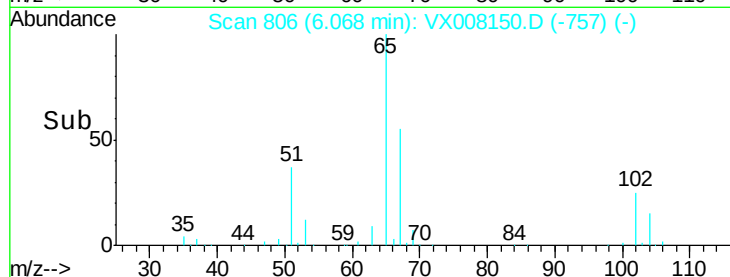
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

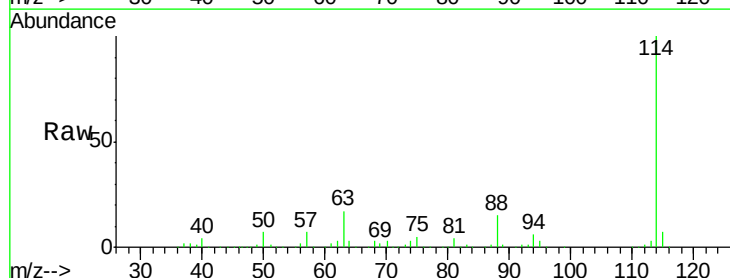
Tgt Ion: 114 Resp: 430116

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.8

88 15.4 0.0 31.4



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

6.86

250000

200000

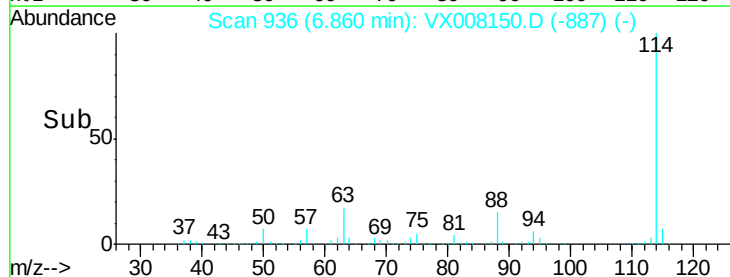
150000

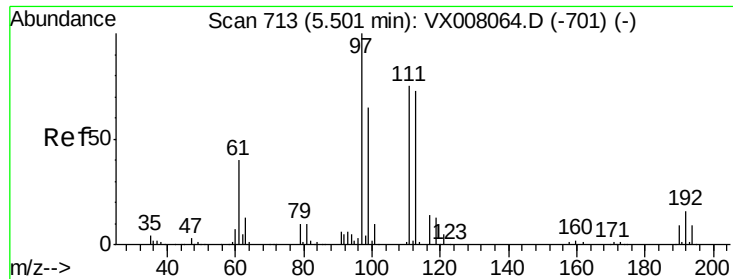
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

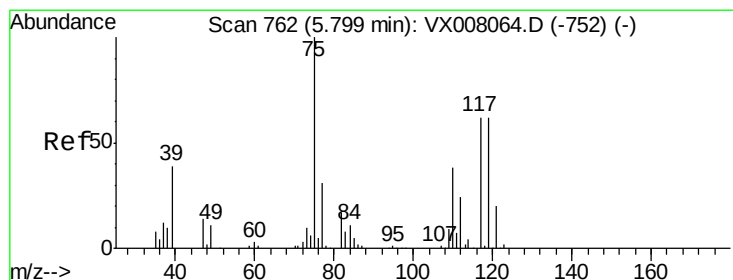
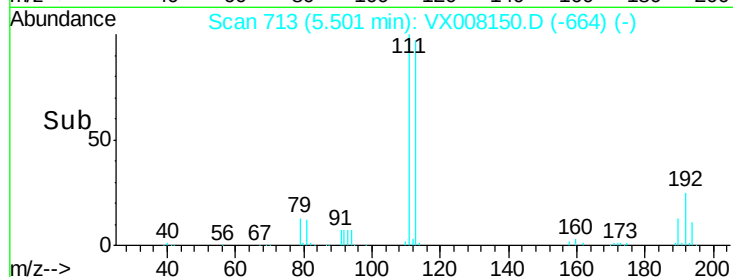
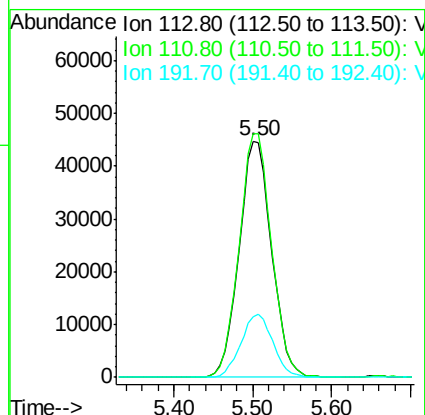
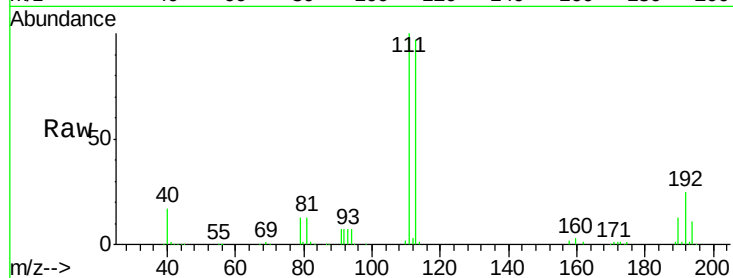




#35
 Dibromofluoromethane
 Concen: 47.051 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008150.D
 Acq: 16 Mar 2019 19:20

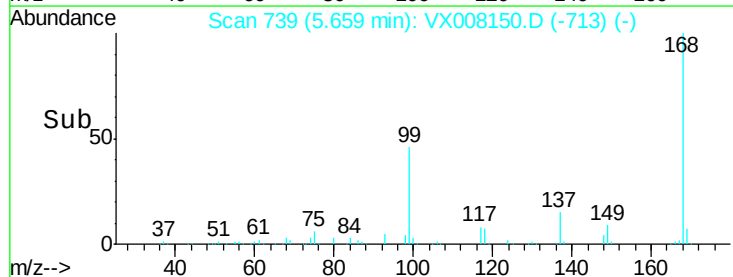
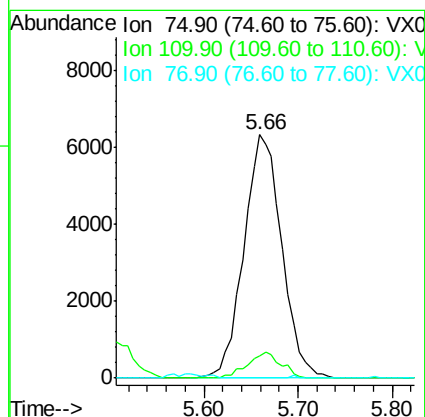
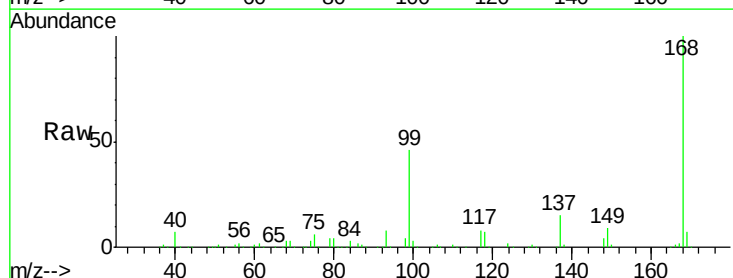
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-031419

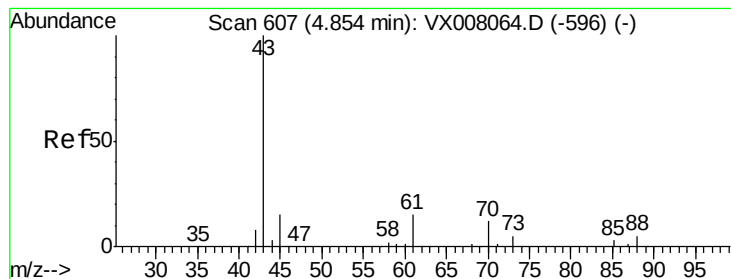
Tot Ion:113 Resp: 128334
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.0
 192 26.2 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 5.027 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008150.D
 Acq: 16 Mar 2019 19:20

Tgt Ion: 75 Resp: 17789
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.4 55.0#
 77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 10.366 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.16 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-031419

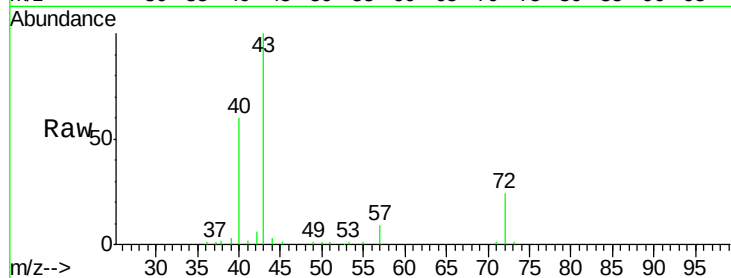
Tot Ion: 43 Resp: 39422

Ion Ratio Lower Upper

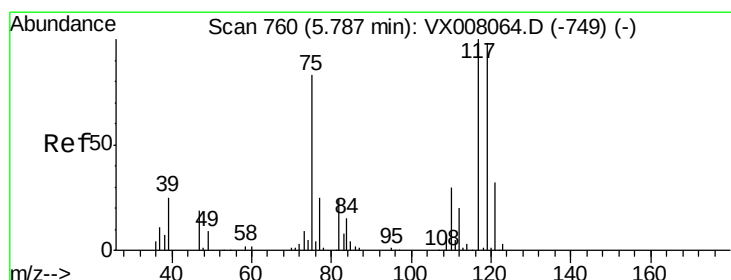
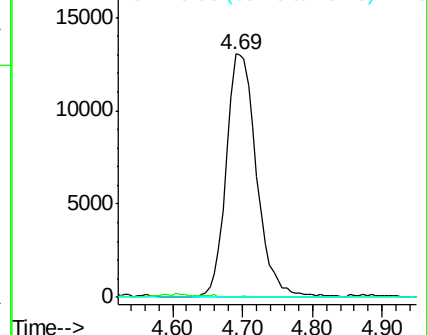
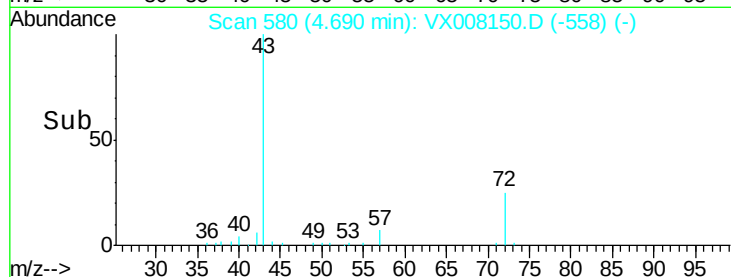
43 100

61 0.0 11.3 16.9#

70 0.1 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VX008150.D (-558) (-)



#38

Carbon Tetrachloride

Concen: 7.890 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

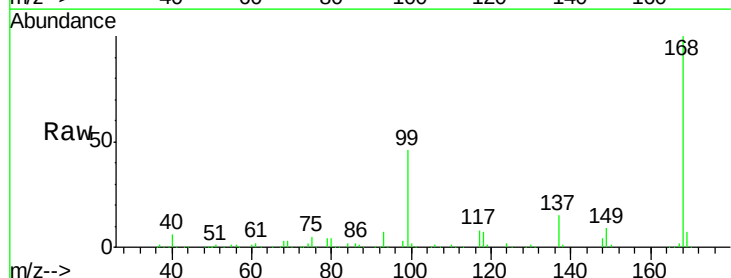
Tgt Ion: 117 Resp: 26873

Ion Ratio Lower Upper

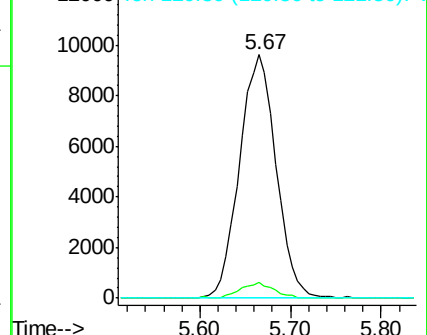
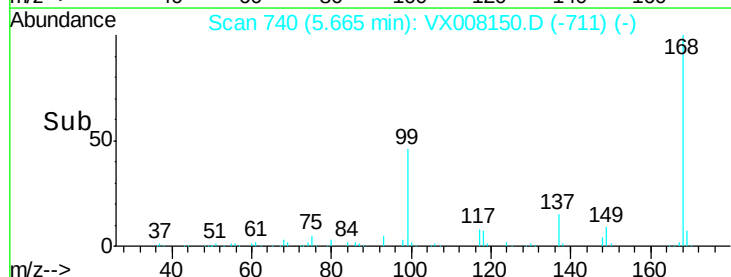
117 100

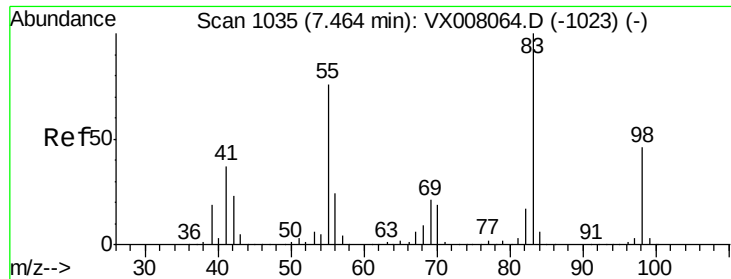
119 6.3 76.2 114.2#

121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): VX008150.D (-711) (-)

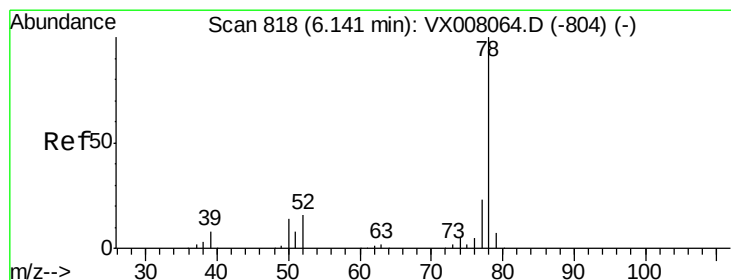
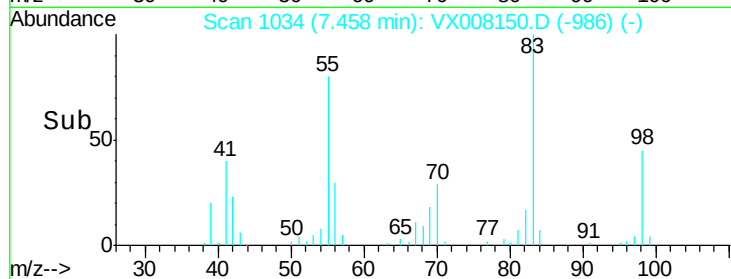
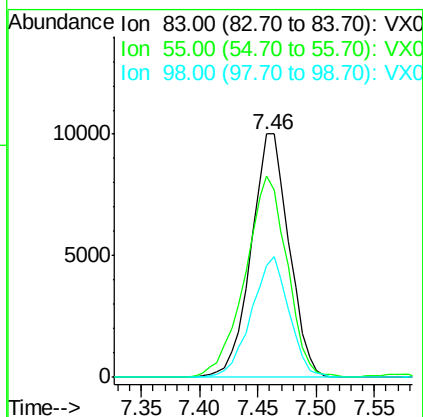
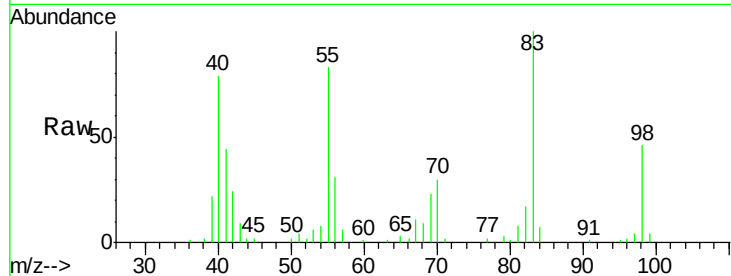




#39
Methylvlcyclohexane
Concen: 4.988 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

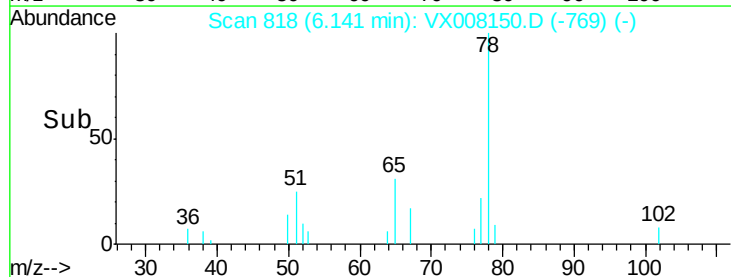
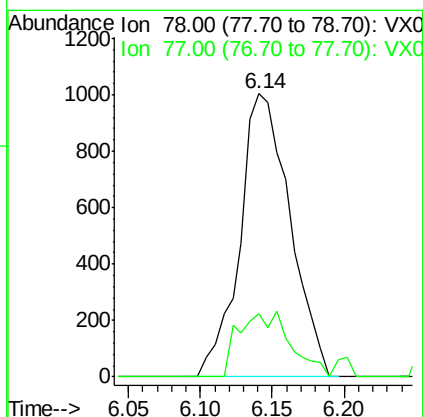
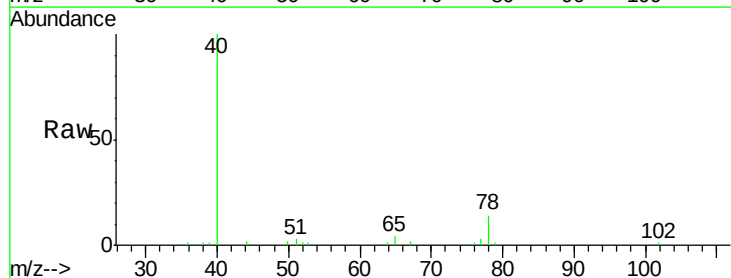
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-031419

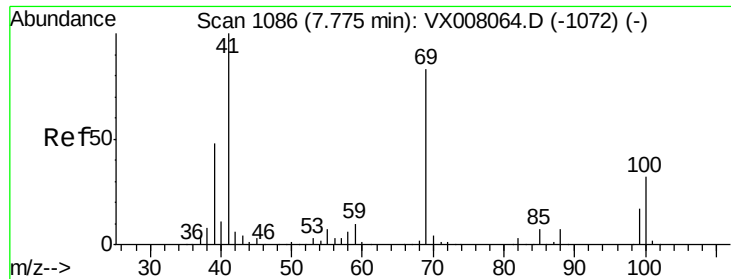
Tot Ion: 83 Resp: 22562
Ion Ratio Lower Upper
83 100
55 82.8 60.4 90.6
98 45.8 36.5 54.7



#40
Benzene
Concen: 0.224 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

Tgt Ion: 78 Resp: 2424
Ion Ratio Lower Upper
78 100
77 22.1 19.0 28.4

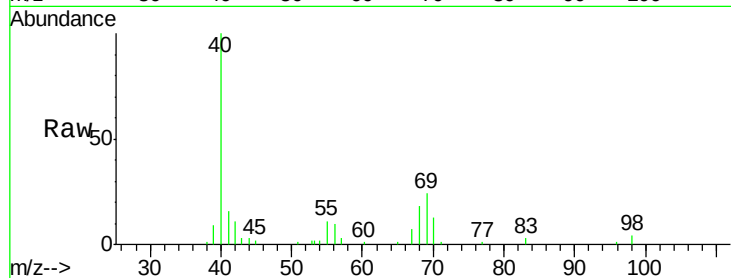




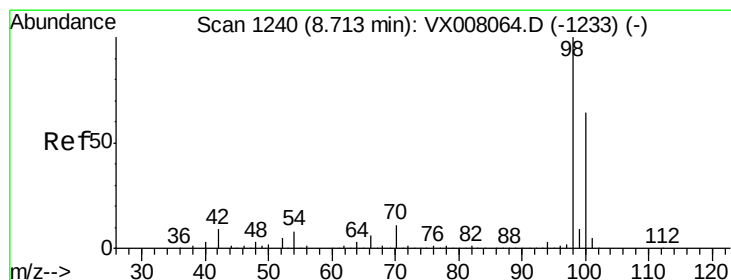
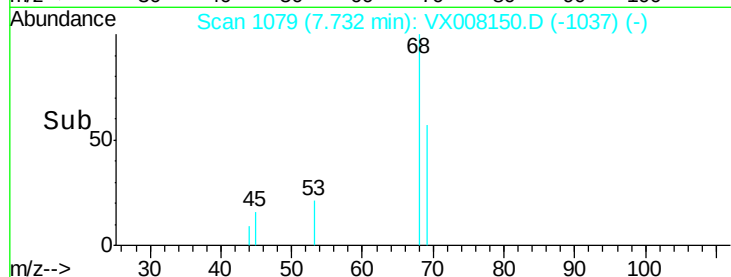
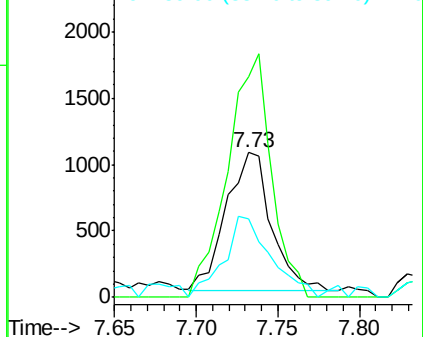
#48
Methvl methacrylate
Concen: 0.629 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-031419

Tot Ion: 41 Resp: 2012
Ion Ratio Lower Upper
41 100
69 170.7 65.2 97.8#
39 60.7 39.4 59.2#

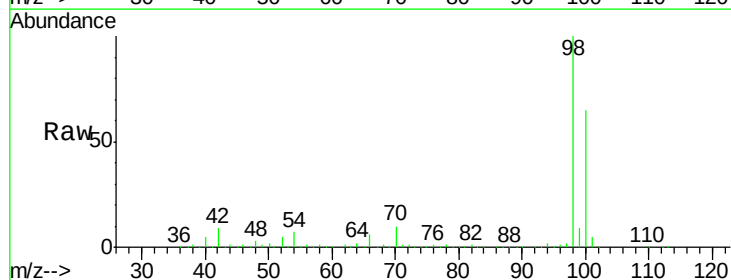


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

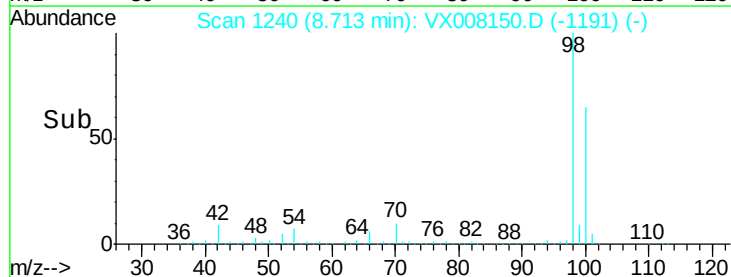
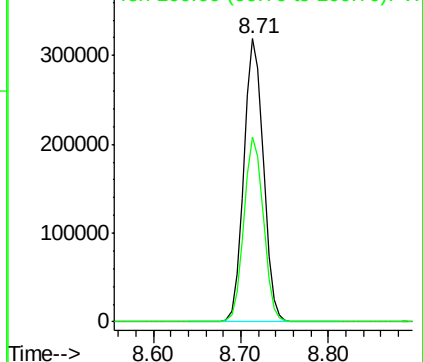


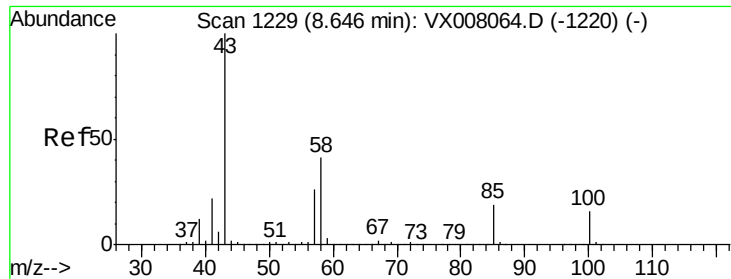
#50
Toluene-d8
Concen: 47.820 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

Tgt Ion: 98 Resp: 496073
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.354 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

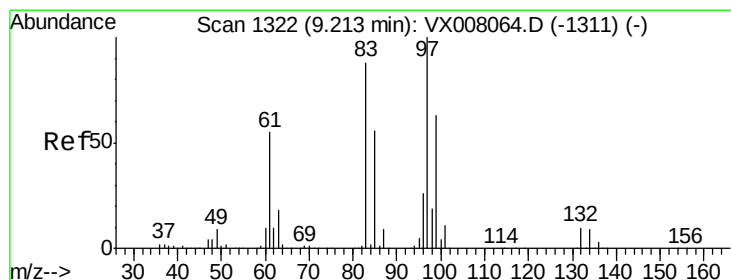
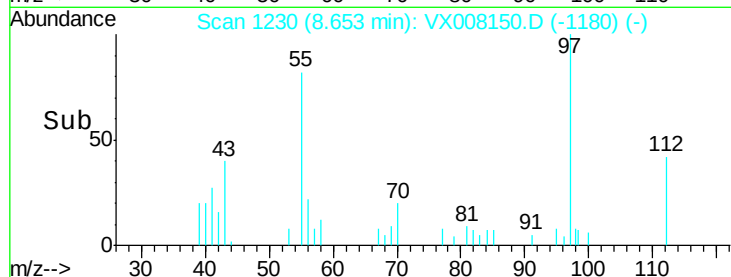
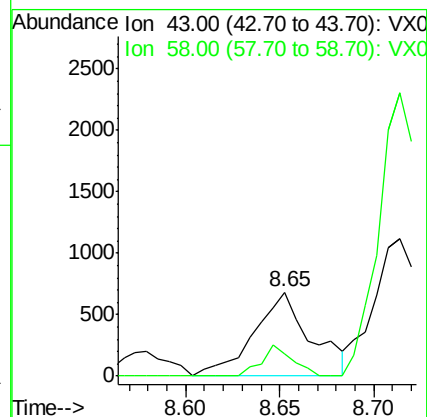
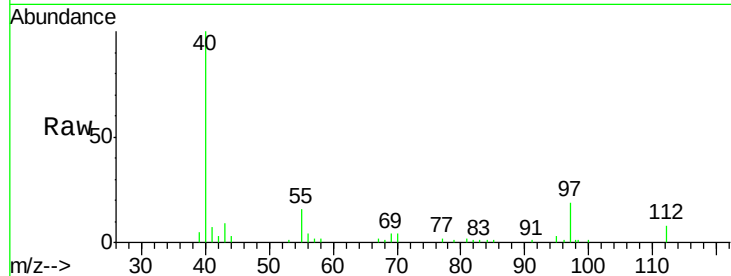
T3-MW-3-9.0-031419

Tot Ion: 43 Resp: 1427

Ion Ratio Lower Upper

43 100

58 20.3 31.3 46.9#



#55

1,1,2-Trichloroethane

Concen: 1.149 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Tgt Ion: 97 Resp: 3225

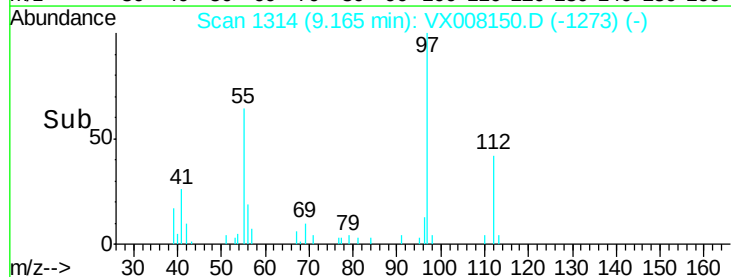
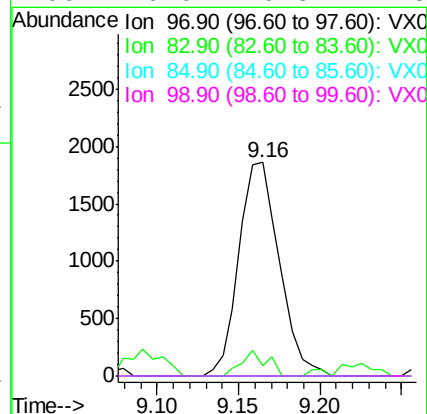
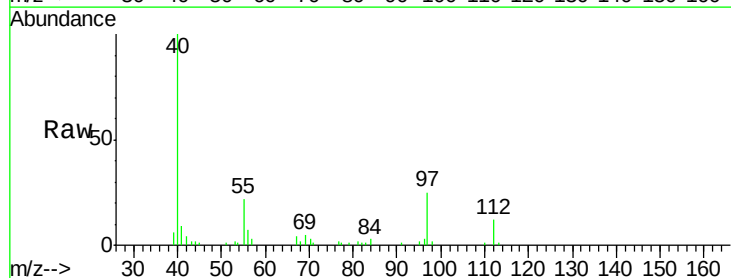
Ion Ratio Lower Upper

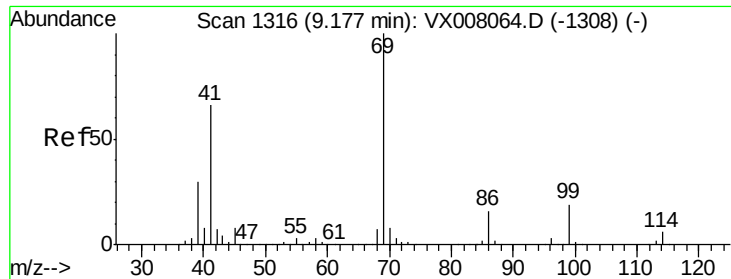
97 100

83 4.8 69.1 103.7#

85 0.0 44.3 66.5#

99 0.0 49.8 74.8#

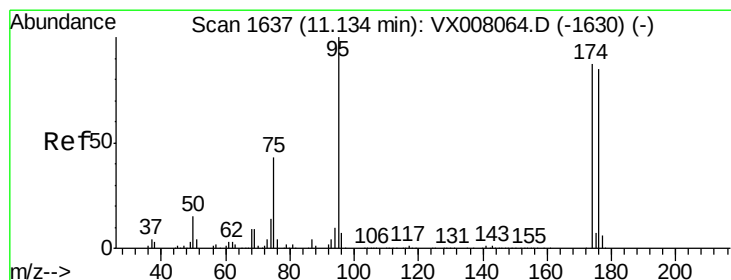
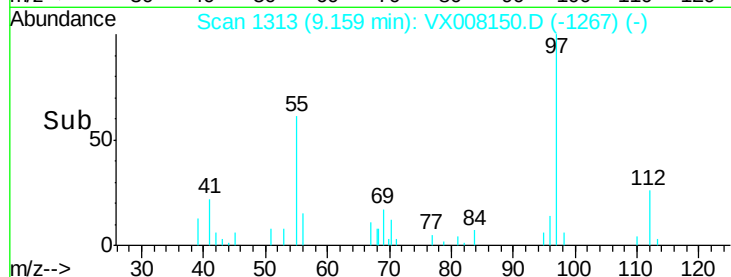
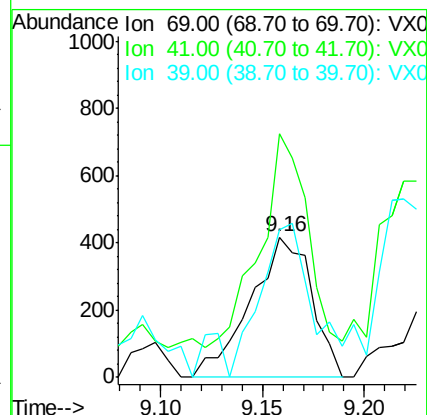
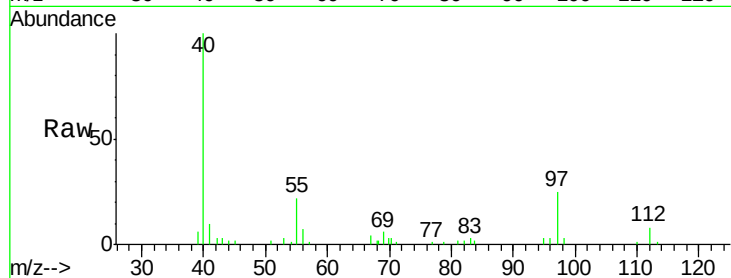




#56
Ethyl methacrylate
Concen: 0.210 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

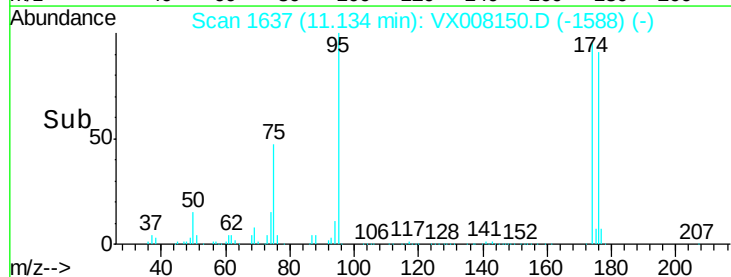
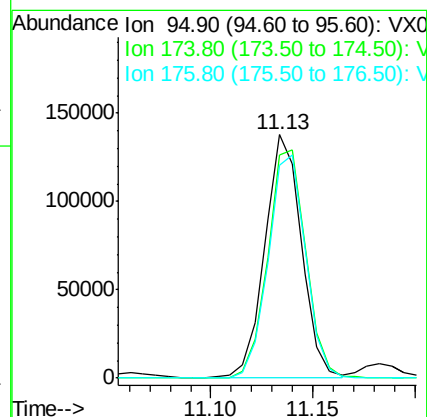
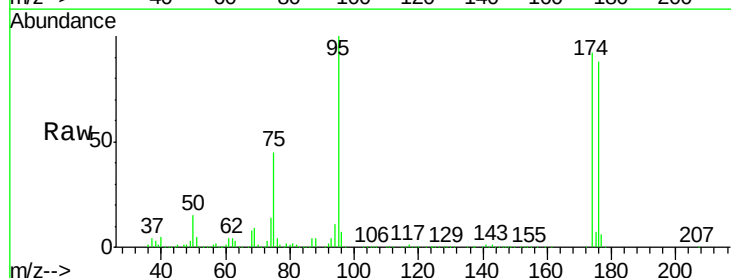
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-031419

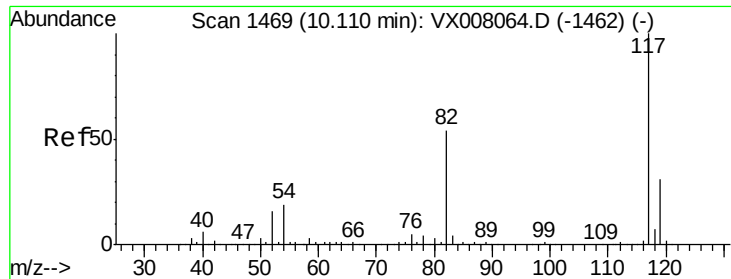
Tot Ion: 69 Resp: 872
Ion Ratio Lower Upper
69 100
41 116.4 54.2 81.4#
39 92.8 25.0 37.4#



#62
4-Bromofluorobenzene
Concen: 46.340 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

Tgt Ion: 95 Resp: 172210
Ion Ratio Lower Upper
95 100
174 97.5 0.0 182.8
176 94.2 0.0 178.0

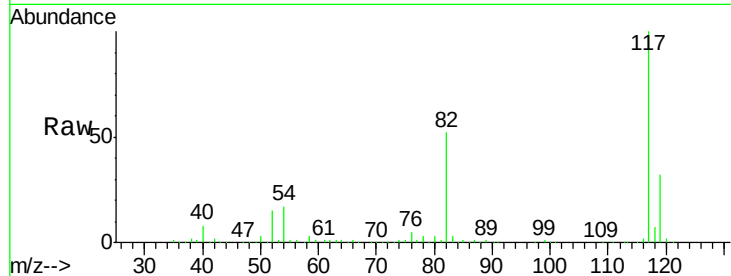




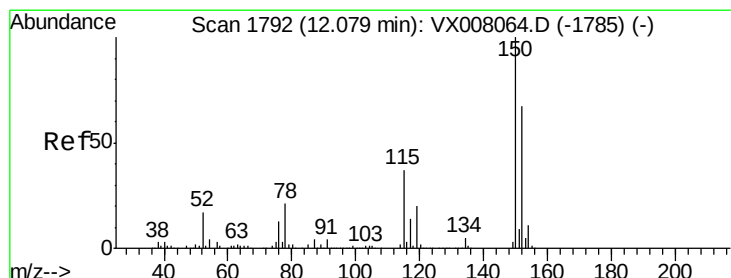
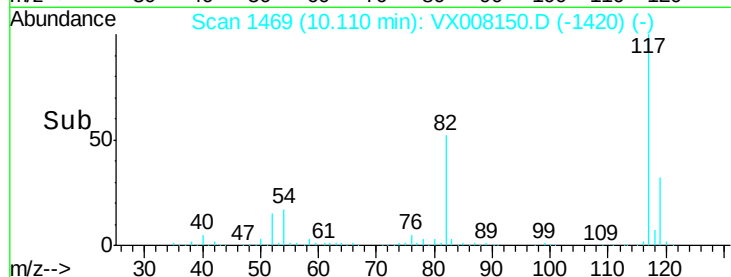
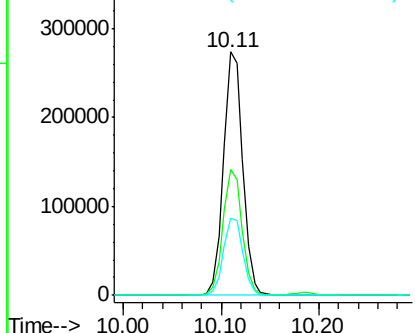
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-031419

Tot Ion:117 Resp: 373004
Ion Ratio Lower Upper
117 100
82 51.9 44.3 66.5
119 31.8 25.3 37.9

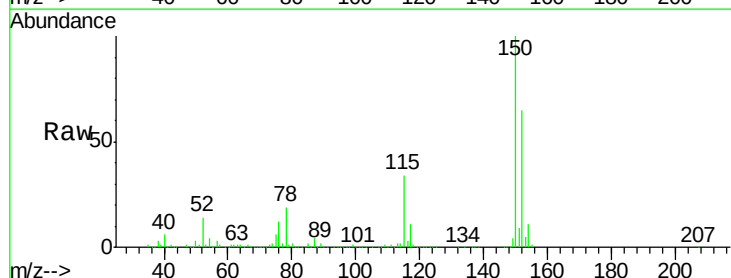


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

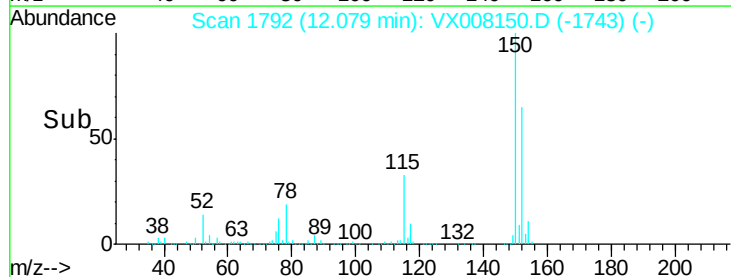
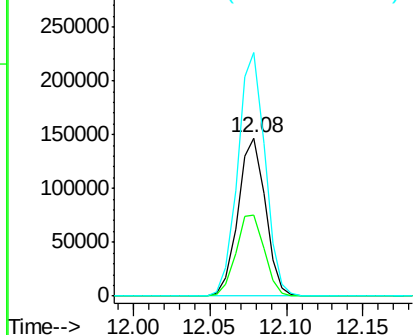


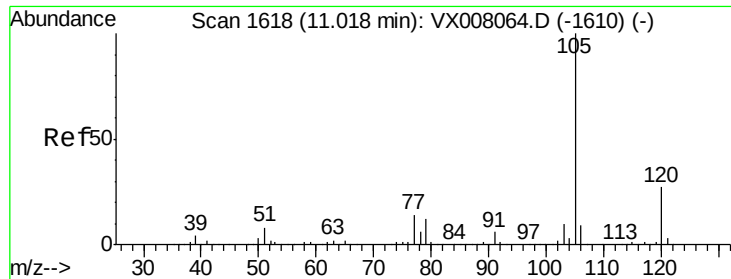
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008150.D
Acq: 16 Mar 2019 19:20

Tgt Ion:152 Resp: 182089
Ion Ratio Lower Upper
152 100
115 53.6 38.6 115.7
150 153.9 0.0 348.4



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





#73

Isopropylbenzene

Concen: 13.055 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

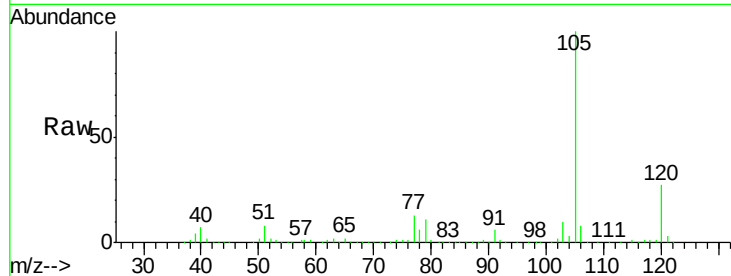
T3-MW-3-9.0-031419

Tot Ion:105 Resp: 152251

Ion Ratio Lower Upper

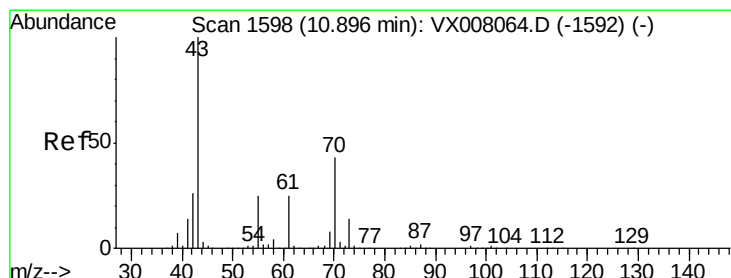
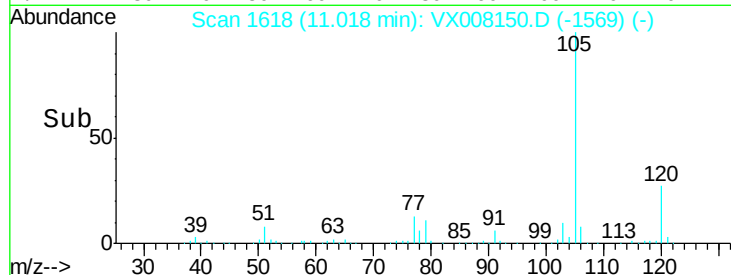
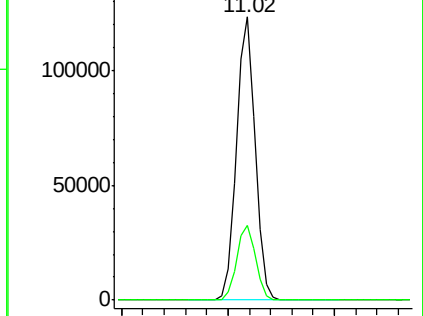
105 100

120 26.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.384 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Tgt Ion: 43 Resp: 1887

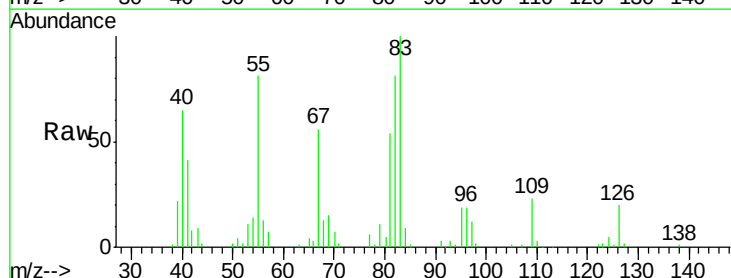
Ion Ratio Lower Upper

43 100

70 68.0 33.5 50.3#

55 858.3 19.2 28.8#

61 0.0 19.0 28.6#

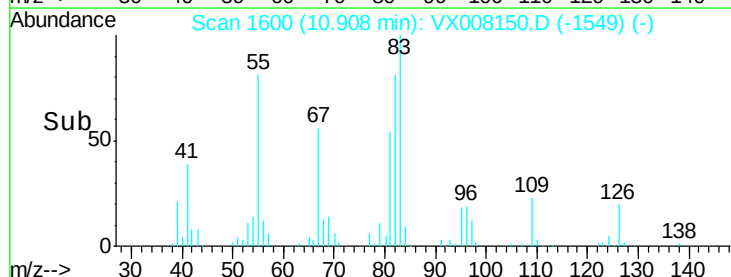
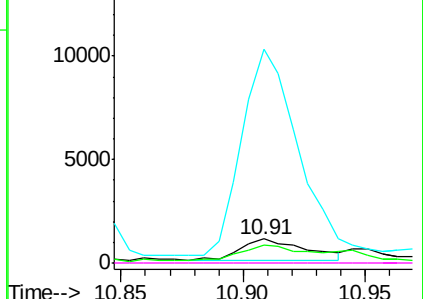


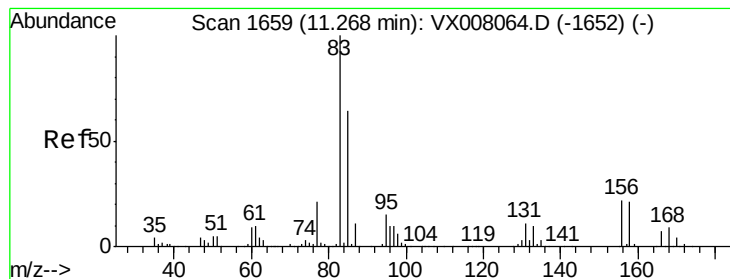
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 0.814 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-031419

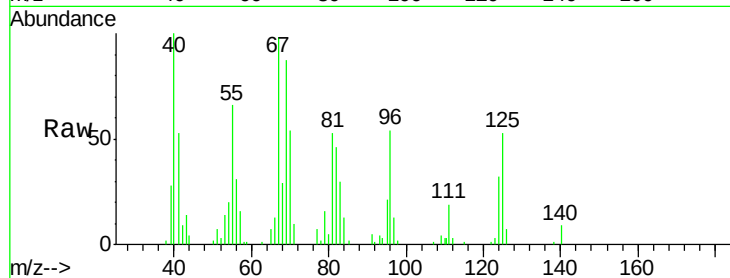
Tot Ion: 83 Resp: 3109

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 10.5 32.3 96.8#

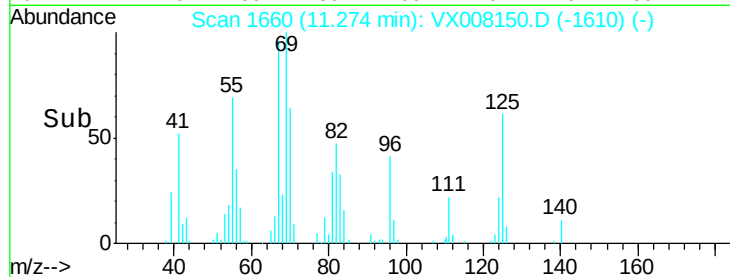


Abundance Ion 82.90 (82.60 to 83.60): VX0

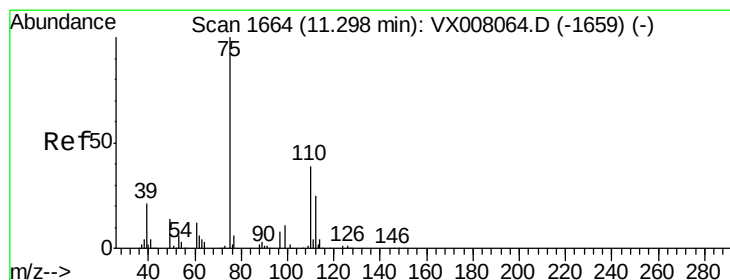
Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 0.872 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.06 min

Lab File: VX008150.D

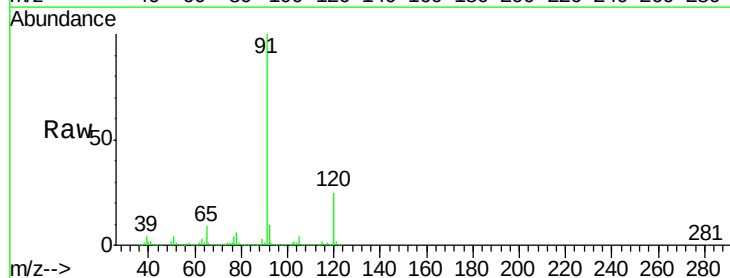
Acq: 16 Mar 2019 19:20

Tgt Ion: 75 Resp: 2756

Ion Ratio Lower Upper

75 100

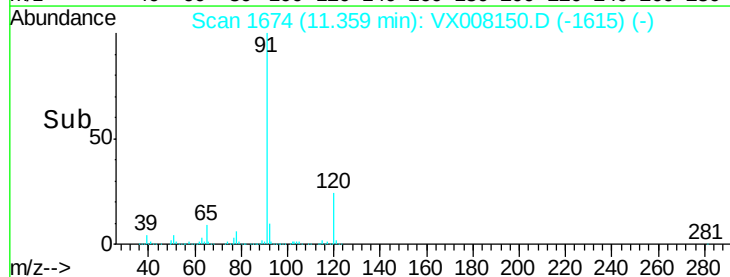
77 716.8 18.9 56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

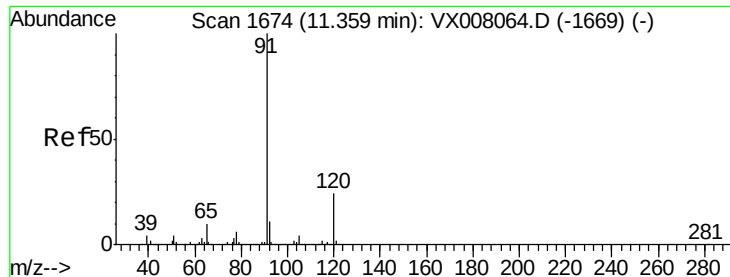
Ion 77.00 (76.70 to 77.70): VX0

Time-->



Time-->

Time-->



#78

n-propylbenzene

Concen: 41.370 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

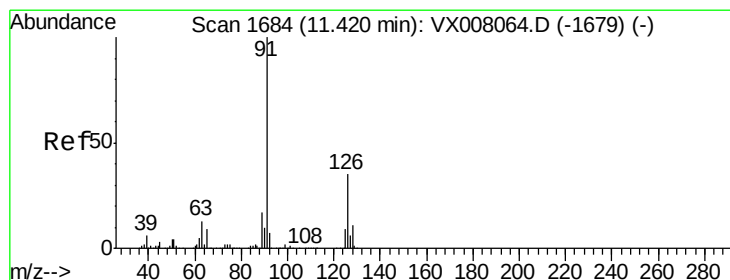
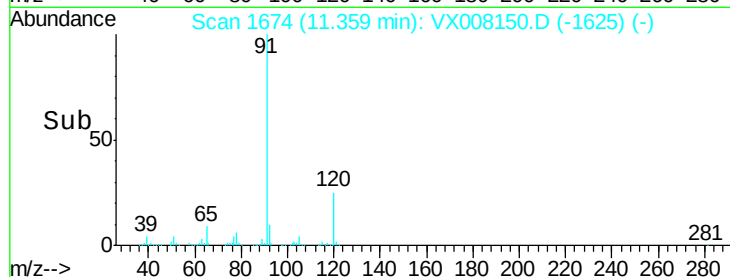
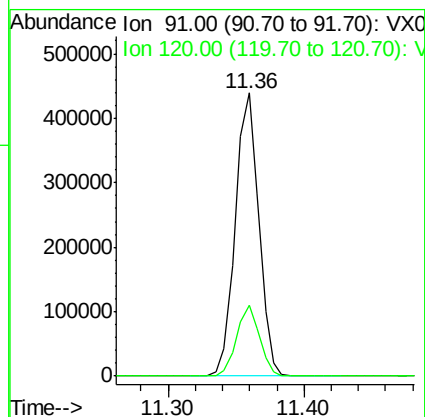
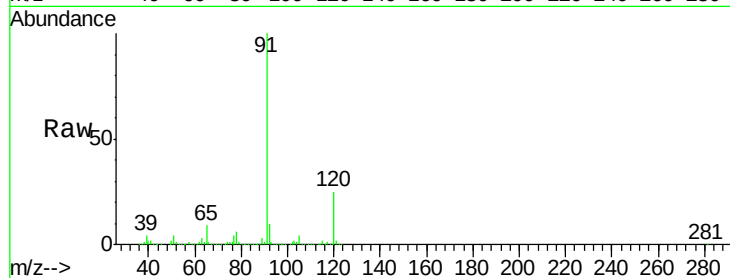
T3-MW-3-9.0-031419

Tot Ion: 91 Resp: 529343

Ion Ratio Lower Upper

91 100

120 24.3 12.0 36.0



#79

2-Chlorotoluene

Concen: 67.742 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX008150.D

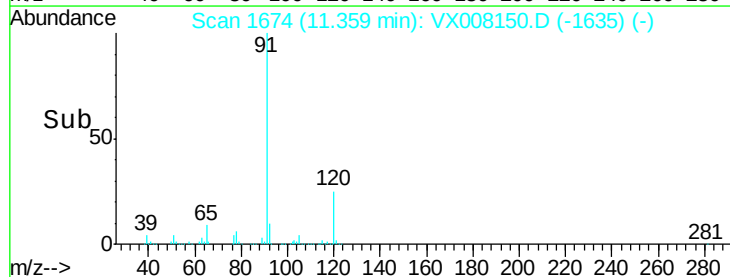
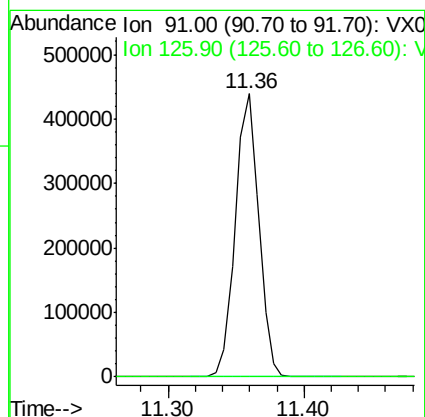
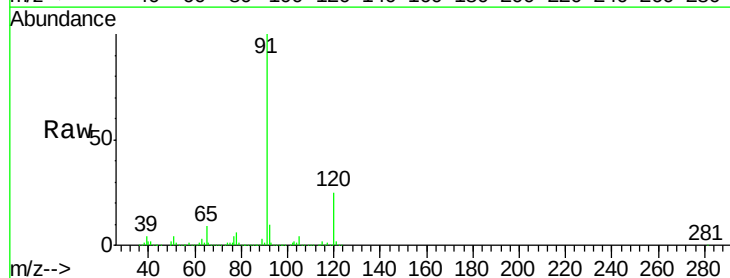
Acq: 16 Mar 2019 19:20

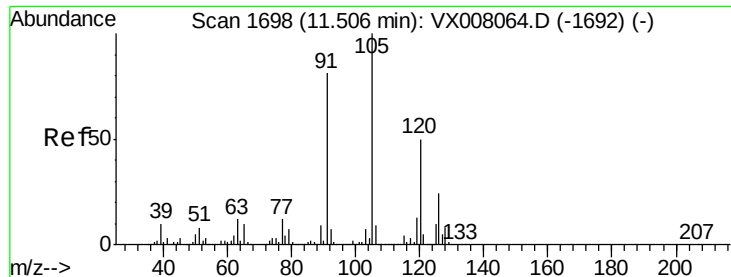
Tgt Ion: 91 Resp: 529343

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.6#

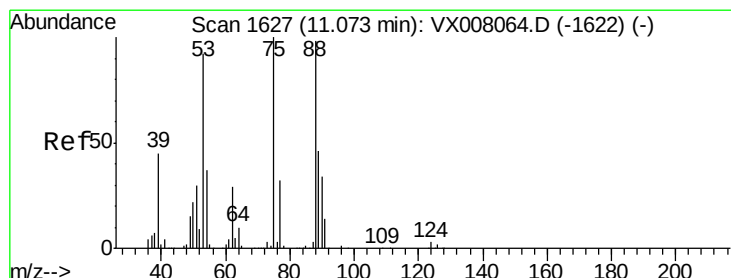
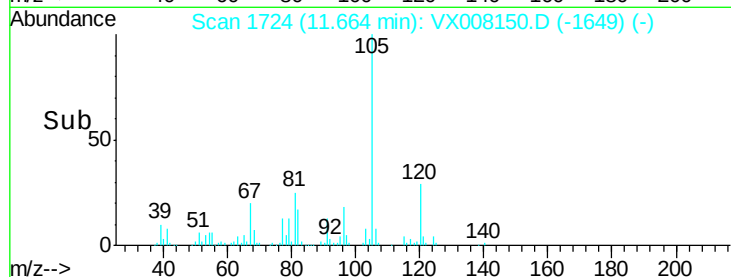
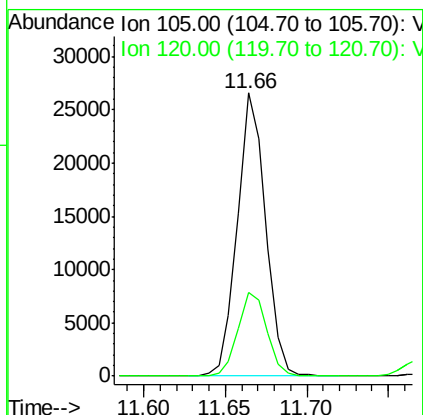
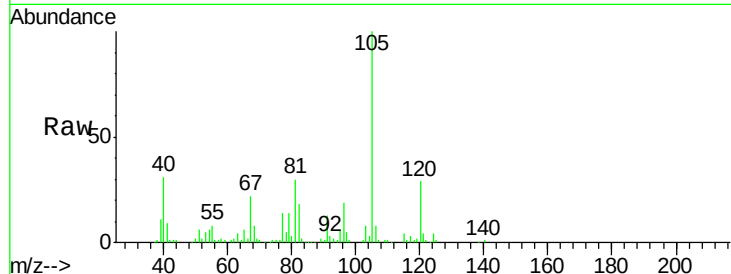




#80
 1,3,5-Trimethylbenzene
 Concen: 3.343 ug/l
 RT: 11.66 min Scan# 1724
 Delta R.T. 0.16 min
 Lab File: VX008150.D
 Acq: 16 Mar 2019 19:20

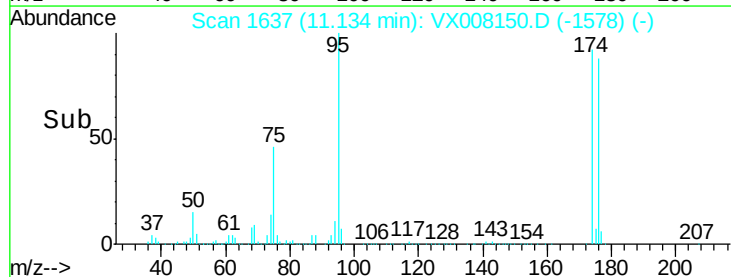
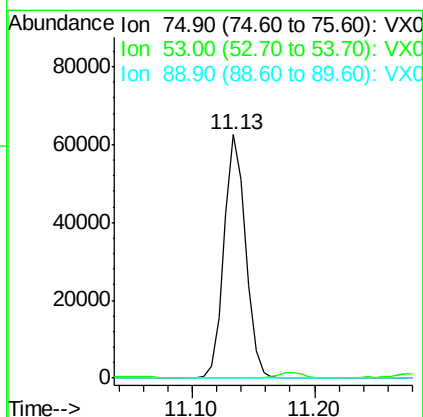
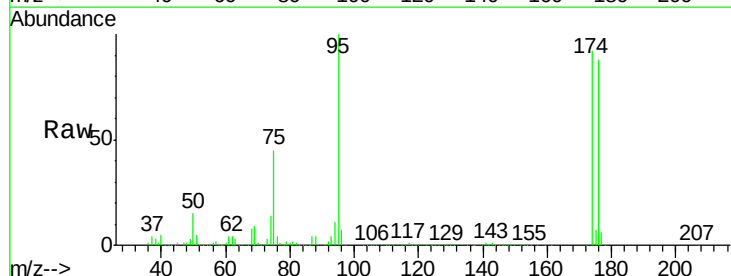
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-031419

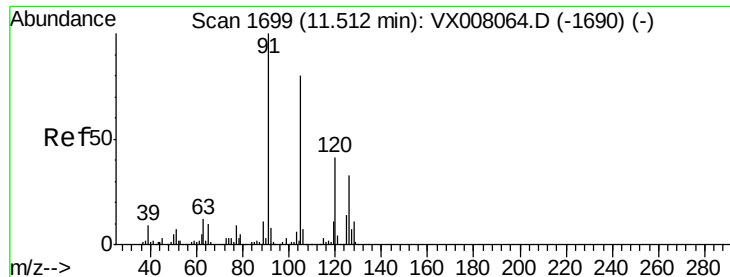
Tot Ion:105 Resp: 32125
 Ion Ratio Lower Upper
 105 100
 120 30.3 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.631 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008150.D
 Acq: 16 Mar 2019 19:20

Tgt Ion: 75 Resp: 76270
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.1 114.1#
 89 0.0 36.3 54.5#





#82

4-Chlorotoluene

Concen: 59.147 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

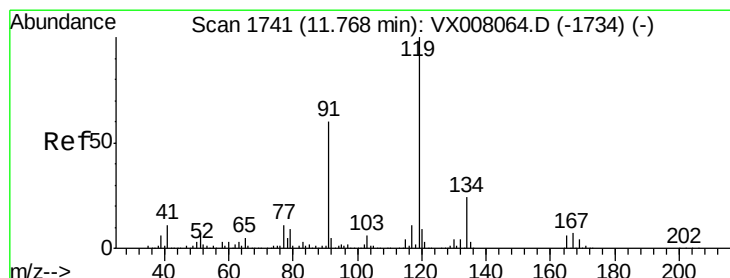
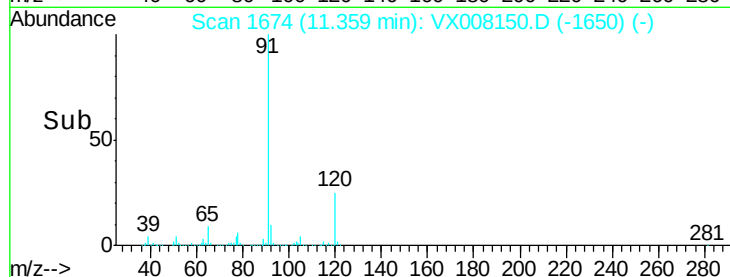
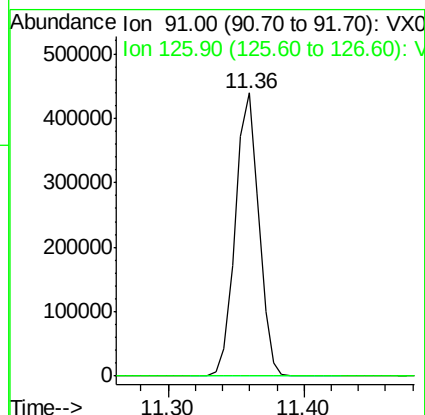
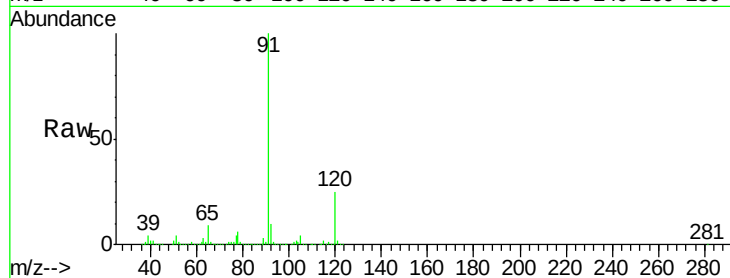
T3-MW-3-9.0-031419

Tot Ion: 91 Resp: 529343

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.8#



#83

tert-Butylbenzene

Concen: 1.995 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

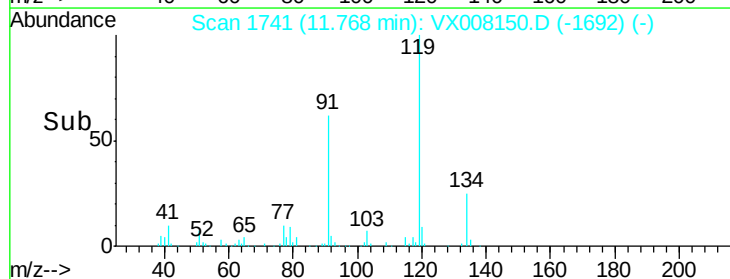
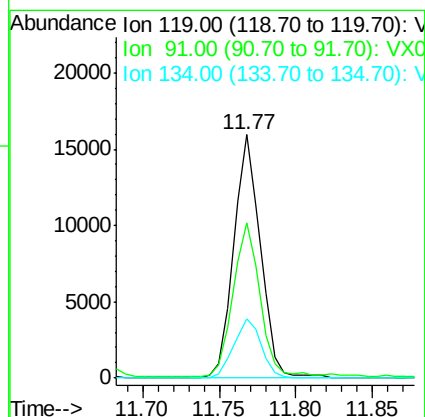
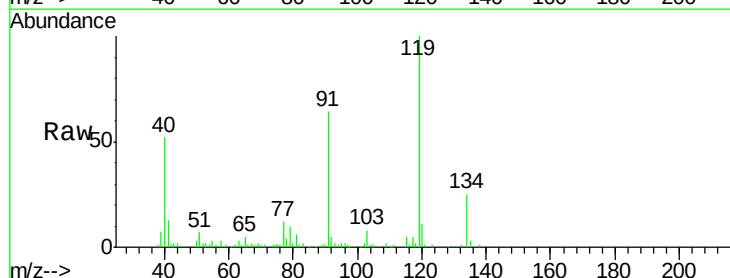
Tgt Ion: 119 Resp: 19213

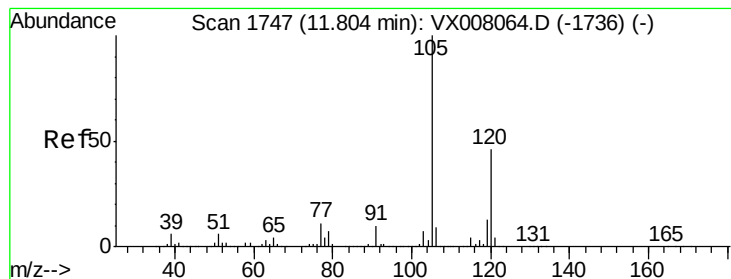
Ion Ratio Lower Upper

119 100

91 64.3 27.1 81.3

134 25.2 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 3.241 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. -0.14 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

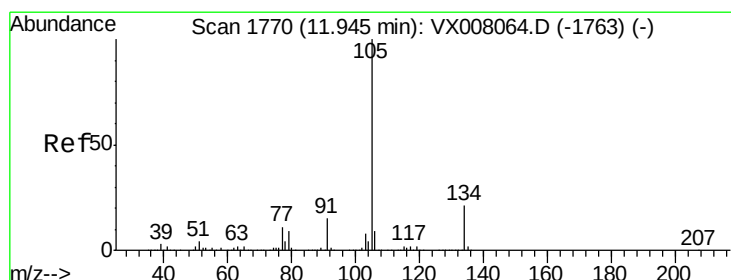
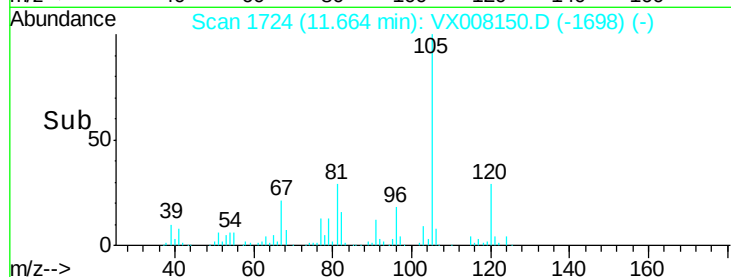
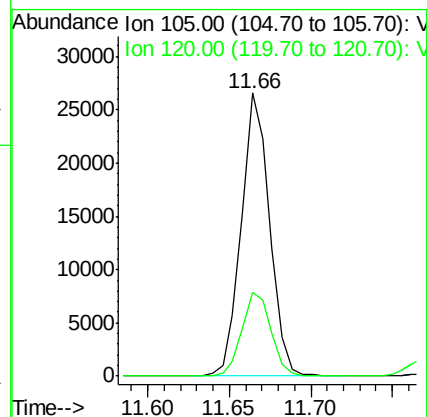
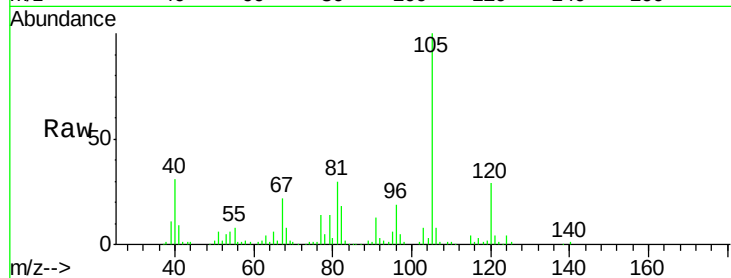
T3-MW-3-9.0-031419

Tot Ion:105 Resp: 32125

Ion Ratio Lower Upper

105 100

120 30.3 22.6 67.7



#85

sec-Butylbenzene

Concen: 13.780 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008150.D

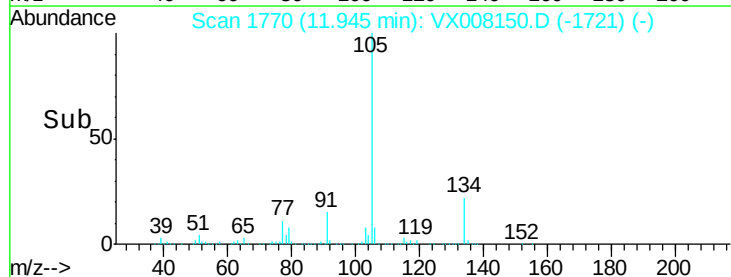
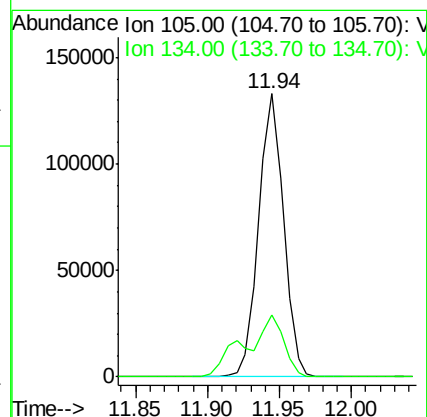
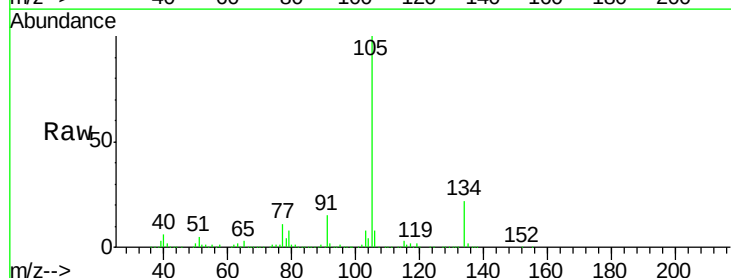
Acq: 16 Mar 2019 19:20

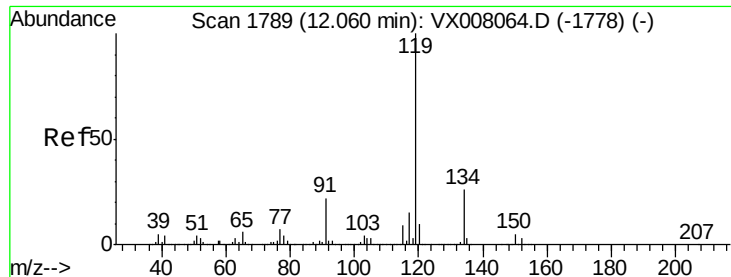
Tgt Ion:105 Resp: 158118

Ion Ratio Lower Upper

105 100

134 19.1 10.4 31.2

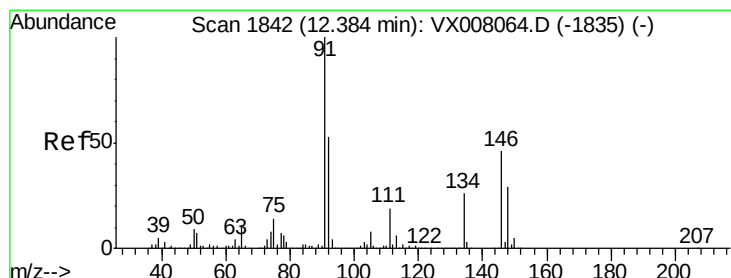
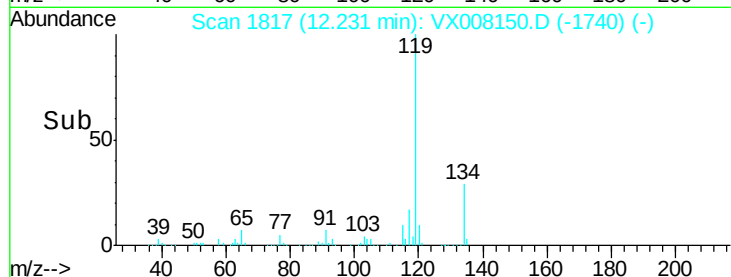
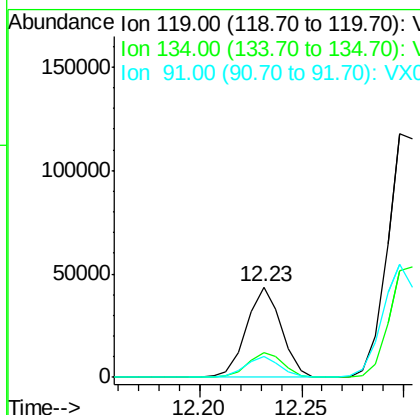
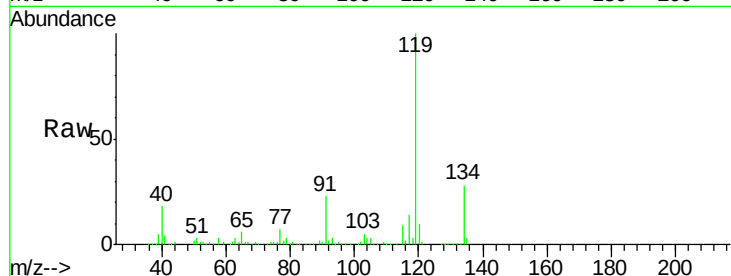




#86
 p-Isopropyltoluene
 Concen: 4.973 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX008150.D
 Acq: 16 Mar 2019 19:20

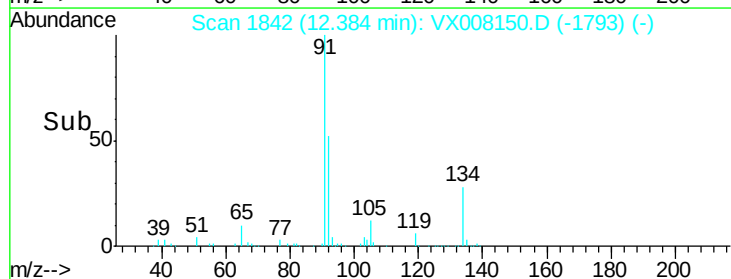
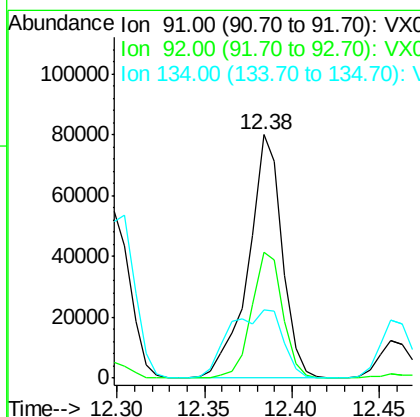
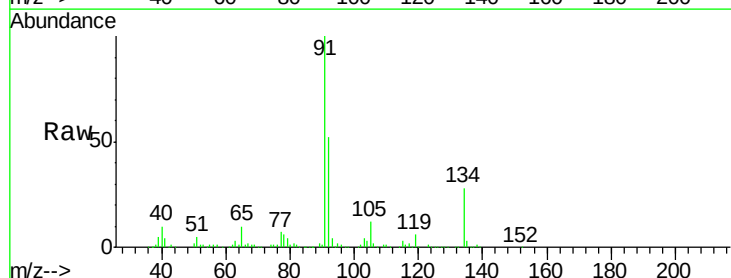
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-031419

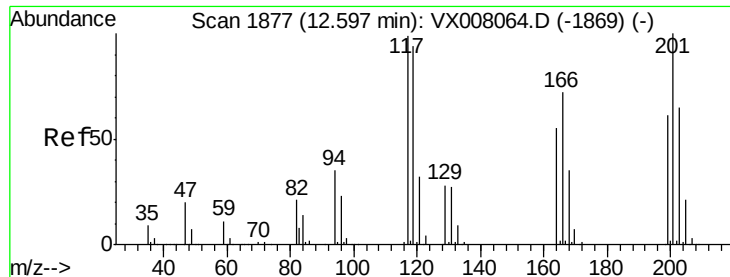
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.2	13.3	39.9
91	22.5	10.9	32.7



#89
 n-Butylbenzene
 Concen: 12.306 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX008150.D
 Acq: 16 Mar 2019 19:20

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.0	27.0	80.8
134	44.8	13.7	41.0





#90

Hexachloroethane

Concen: 12.182 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

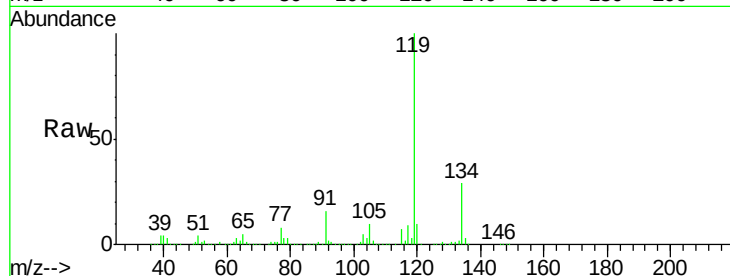
T3-MW-3-9.0-031419

Tot Ion:117 Resp: 20232

Ion Ratio Lower Upper

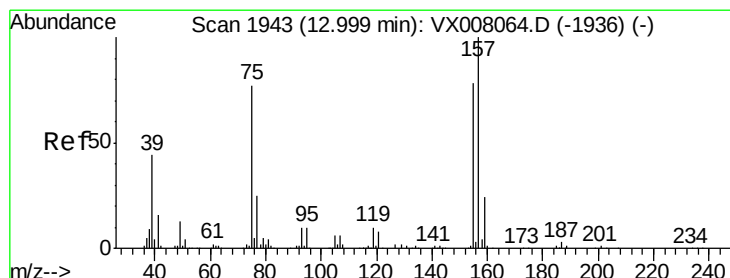
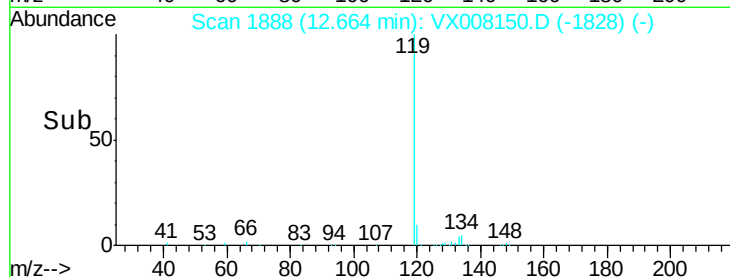
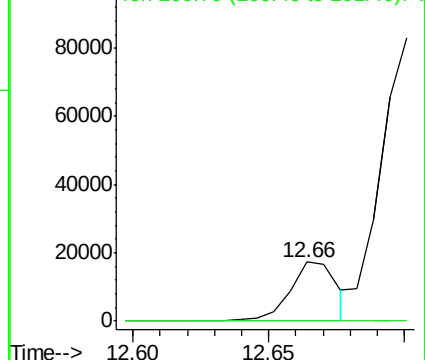
117 100

201 0.0 48.9 146.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.222 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

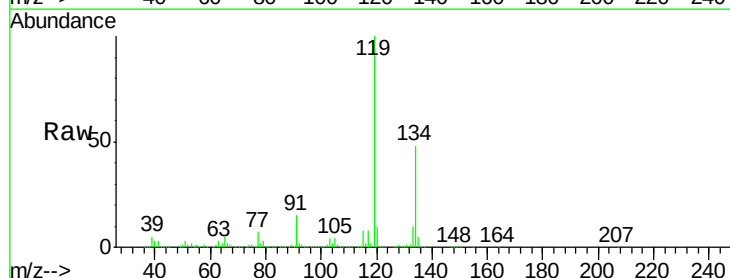
Tgt Ion: 75 Resp: 2489

Ion Ratio Lower Upper

75 100

155 2.8 49.7 149.1#

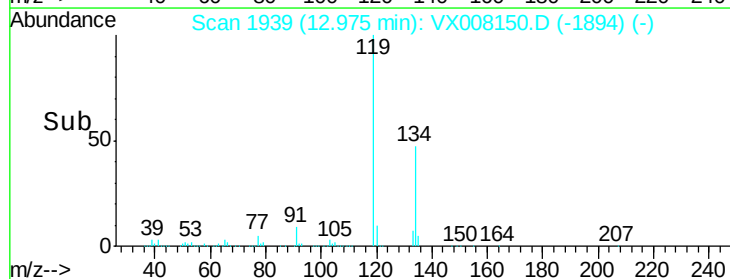
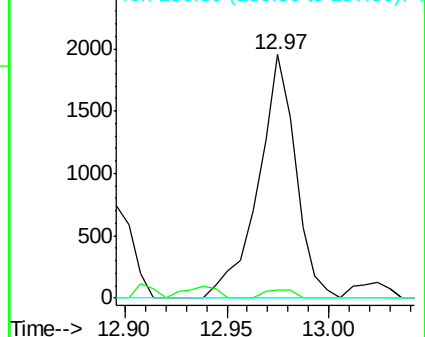
157 0.0 63.8 191.4#

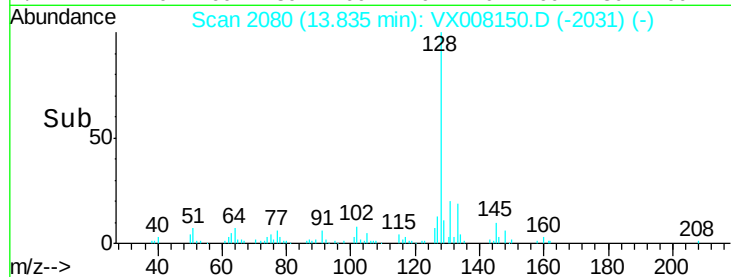
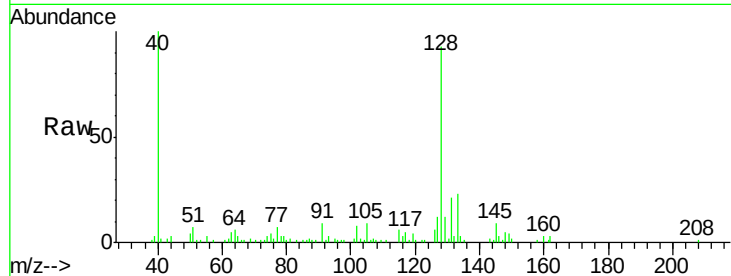
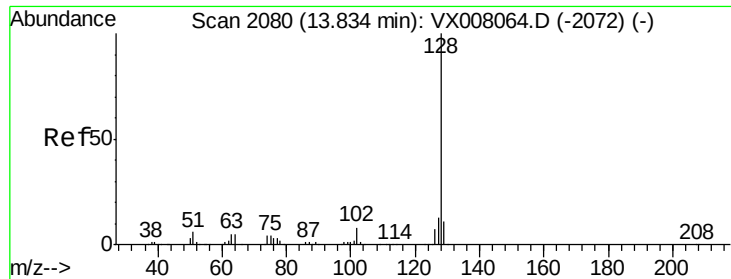


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 1.114 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008150.D

Acq: 16 Mar 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-031419

Tot Ion:128 Resp: 12467

Ion Ratio Lower Upper

128 100

127 11.3 10.3 15.5

129 13.8 8.7 13.1#

