

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000351.D
 Acq On : 18 Oct 2019 15:02
 Operator : SY/MD
 Sample : K5420-15RE
 Misc : 6.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2RE

Quant Time: Oct 19 00:54:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	3454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	4450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	3937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	1165	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	1674	45.95	ug/l	-0.01
Spiked Amount			Recovery	=	91.90%	
35) Dibromofluoromethane	7.74	113	291	10.84	ug/l	0.00
Spiked Amount			Recovery	=	21.68%	
50) Toluene-d8	10.19	98	5606	54.29	ug/l	0.00
Spiked Amount			Recovery	=	108.58%	
62) 4-Bromofluorobenzene	12.48	95	1346	34.31	ug/l	0.00
Spiked Amount			Recovery	=	68.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.14	50	127	3.009	ug/l #	43
4) Vinyl Chloride	2.24	62	79	1.855	ug/l #	43
10) Methyl Iodide	4.24	142	21	1.593	ug/l #	41
13) Acrolein	3.63	56	63	14.093	ug/l #	15
14) Allyl chloride	4.49	41	72	1.245	ug/l #	24
16) Acetone	3.96	43	165	13.984	ug/l #	42
20) Methylene Chloride	4.83	84	33	Below Cal	#	6
21) trans-1,2-Dichloroethene	5.48	96	49	1.224	ug/l #	1
25) 2-Butanone	7.00	43	23	1.384	ug/l #	48
29) Tetrahydrofuran	7.32	42	72	7.148	ug/l #	34
36) 1,1-Dichloropropene	7.80	75	127	2.915	ug/l #	40
41) Methacrylonitrile	7.36	41	20	1.629	ug/l #	1
42) 1,2-Dichloroethane	8.29	62	48	1.335	ug/l #	72
43) Isopropyl Acetate	8.33	43	60	1.223	ug/l #	53
45) 1,2-Dichloropropane	9.04	63	31	1.003	ug/l #	46
48) Methyl methacrylate	9.34	41	32	1.489	ug/l #	12
51) 4-Methyl-2-Pentanone	10.27	43	60	2.372	ug/l	88
56) Ethyl methacrylate	10.73	69	69	1.928	ug/l #	25
59) 2-Hexanone	10.77	43	51	2.872	ug/l #	24
68) m/p-Xylenes	11.70	106	220	3.736	ug/l	95
71) Bromoform	12.20	173	45	2.682	ug/l #	28
74) N-amyl acetate	12.09	43	73	3.273	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.83	83	44	2.580	ug/l #	25
76) 1,2,3-Trichloropropane	12.49	75	810	56.542	ug/l #	100
77) Bromobenzene	12.60	156	44	2.177	ug/l #	36
81) trans-1,4-Dichloro-2-buten	12.42	75	39	5.957	ug/l #	14
86) p-Isopropyltoluene	13.38	119	128	1.573	ug/l #	49
87) 1,3-Dichlorobenzene	13.44	146	91	2.285	ug/l #	25
88) 1,4-Dichlorobenzene	13.44	146	91	2.286	ug/l #	24
90) Hexachloroethane	13.87	117	40	2.655	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.38	75	25	7.729	ug/l #	1
95) Naphthalene	15.25	128	364	6.500	ug/l #	65

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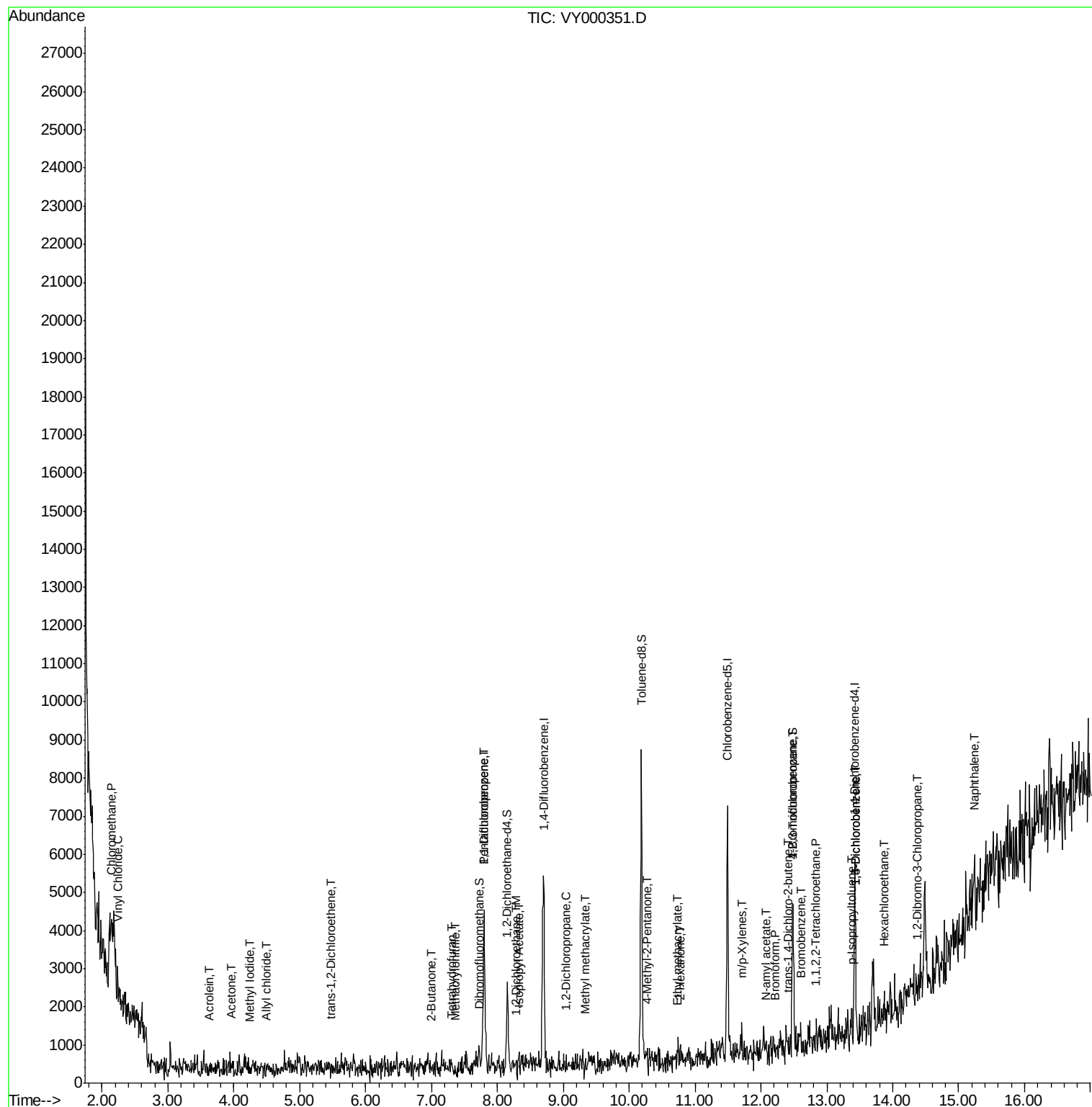
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

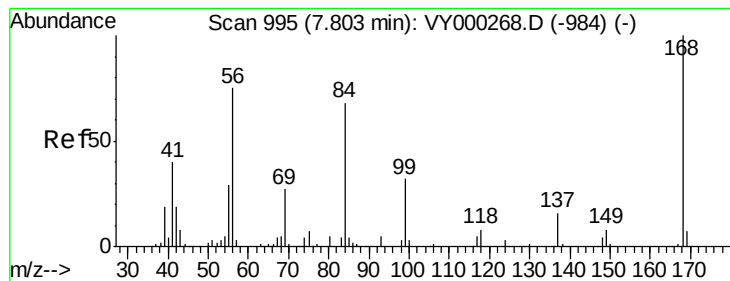
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

Instrument :

MSVOA_Y

ClientSampleId :

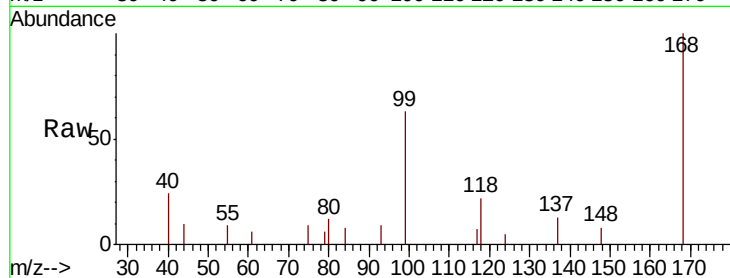
SP-2RE

Tot Ion:168 Resp: 3454

Ion Ratio Lower Upper

168 100

99 62.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

7.80

1500

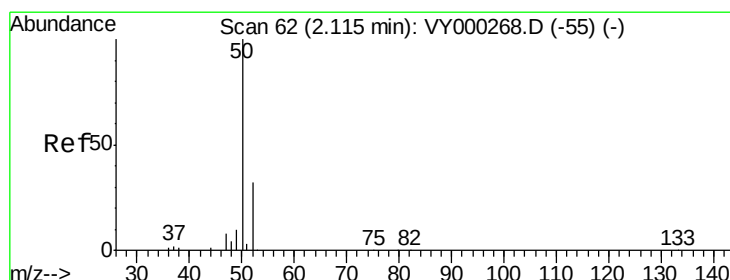
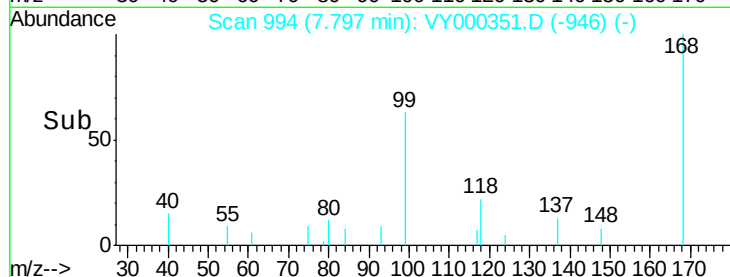
1000

500

0

Time-->

7.70 7.75 7.80 7.85



#3

Chloromethane

Concen: 3.009 ug/l

RT: 2.14 min Scan# 66

Delta R.T. 0.02 min

Lab File: VY000351.D

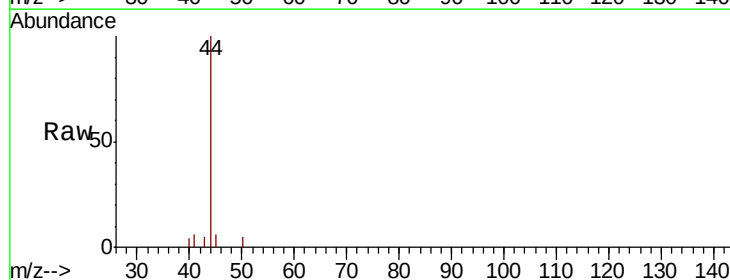
Acq: 18 Oct 2019 15:02

Tgt Ion: 50 Resp: 127

Ion Ratio Lower Upper

50 100

52 0.0 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VY000268.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY000268.D (-55) (-)

2.14

200

150

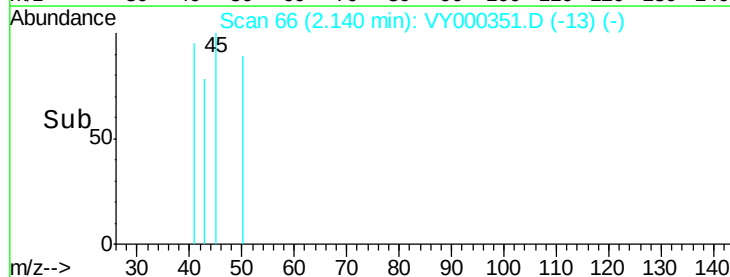
100

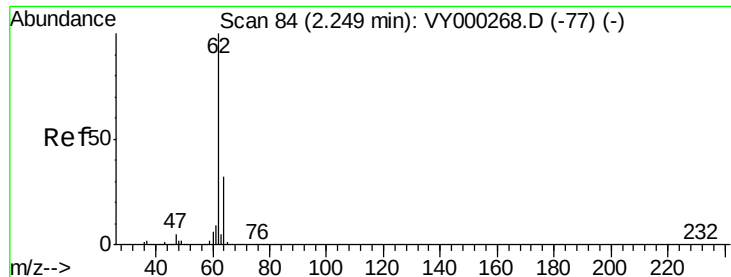
50

0

Time-->

2.12 2.14 2.16





#4

Vinyl Chloride

Concen: 1.855 ug/l

RT: 2.24 min Scan# 82

Delta R.T. -0.01 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

Instrument :

MSVOA_Y

ClientSampled :

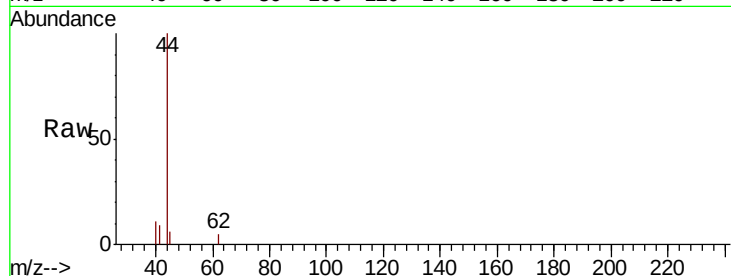
SP-2RE

Tot Ion: 62 Resp: 79

Ion Ratio Lower Upper

62 100

64 0.0 25.6 38.4#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.24

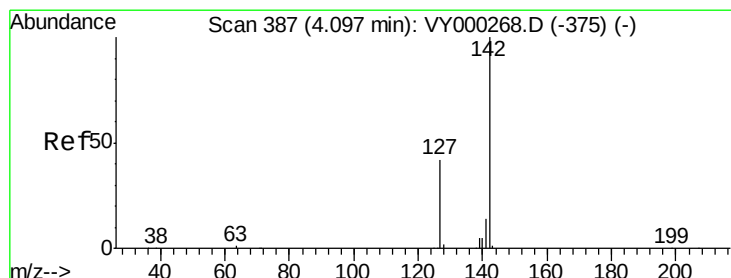
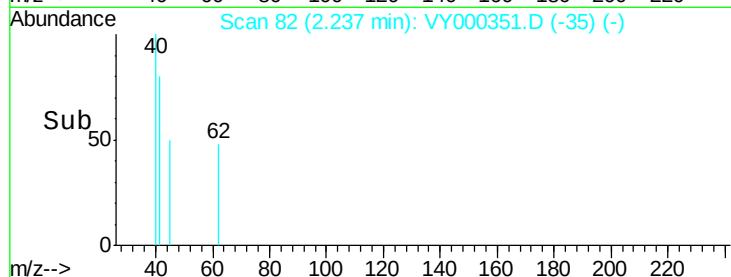
150

100

50

0

Time-->



#10

Methyl Iodide

Concen: 1.593 ug/l

RT: 4.24 min Scan# 411

Delta R.T. 0.15 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

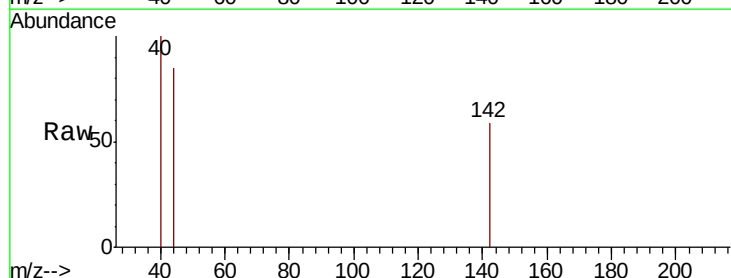
Tgt Ion: 142 Resp: 21

Ion Ratio Lower Upper

142 100

127 0.0 33.9 50.9#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

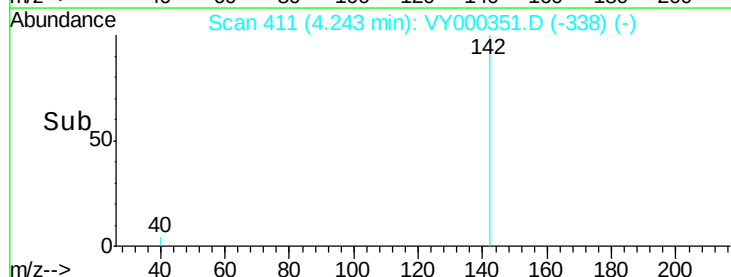
60

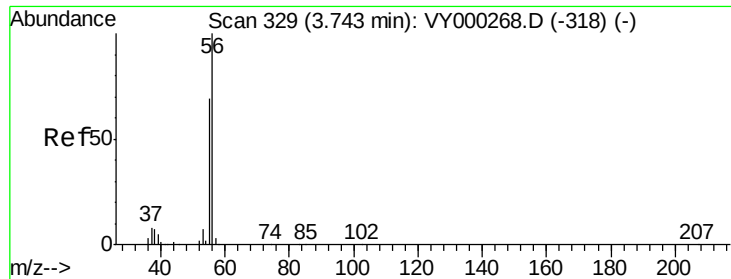
40

20

0

Time-->





#13

Acrolein

Concen: 14.093 ug/l

RT: 3.63 min Scan# 310

Delta R.T. -0.12 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

Instrument :

MSVOA_Y

ClientSampleId :

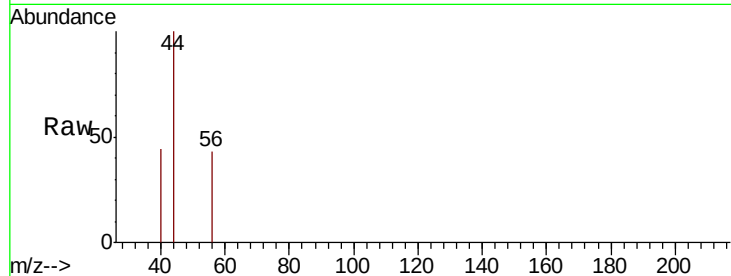
SP-2RE

Tot Ion: 56 Resp: 63

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

120

100

80

60

40

20

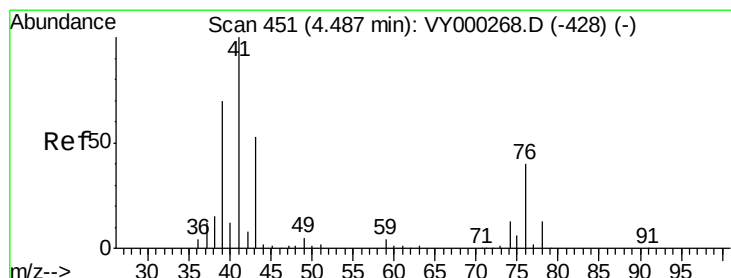
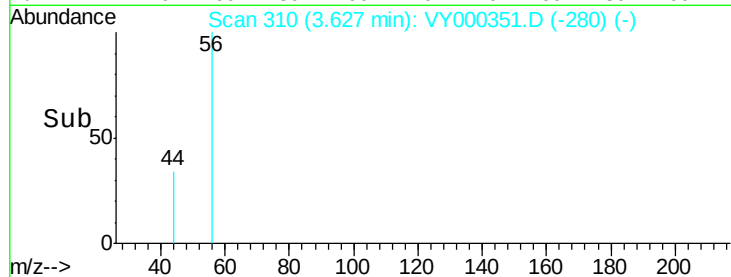
0

3.60

3.62

3.64

Time-->



#14

Allyl chloride

Concen: 1.245 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

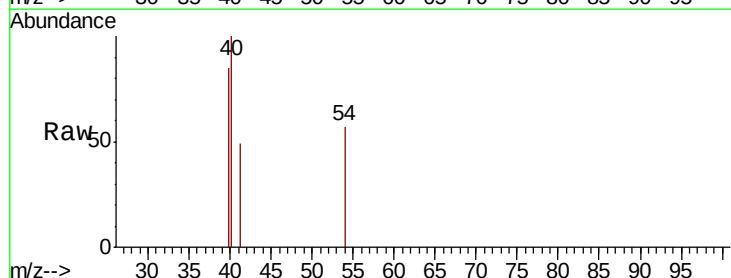
Tgt Ion: 41 Resp: 72

Ion Ratio Lower Upper

41 100

39 0.0 54.0 81.0#

76 0.0 30.7 46.1#



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

100

50

0

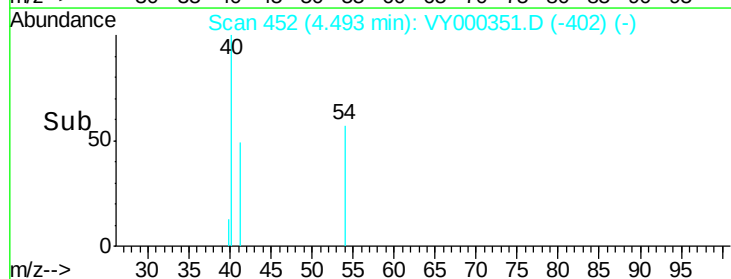
4.48

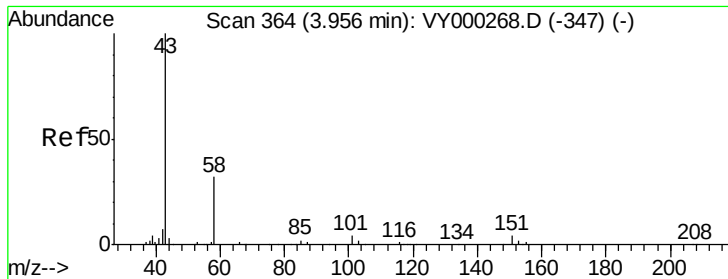
4.49

4.50

4.52

Time-->





#16

Acetone

Concen: 13.984 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

Instrument :

MSVOA_Y

ClientSampleId :

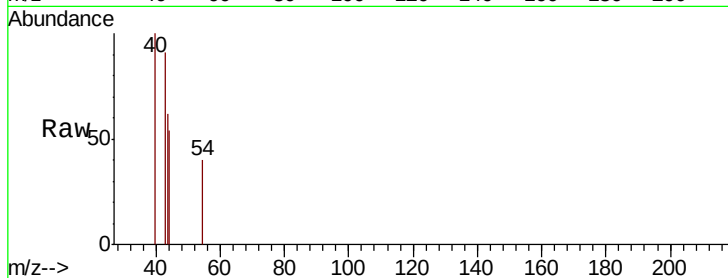
SP-2RE

Tot Ion: 43 Resp: 165

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

150

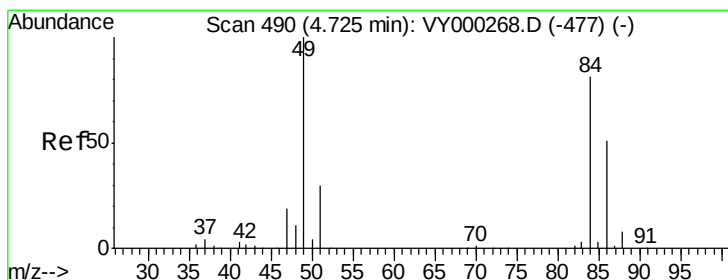
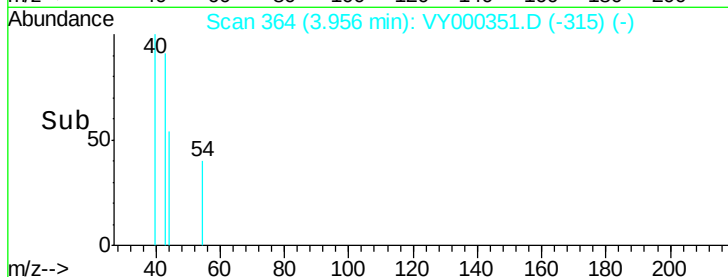
100

50

0

3.95 4.00

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.83 min Scan# 508

Delta R.T. 0.11 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

Tgt Ion: 84 Resp: 33

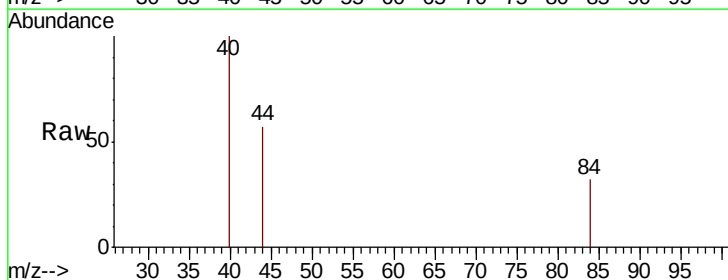
Ion Ratio Lower Upper

84 100

49 0.0 99.0 148.4#

51 0.0 29.3 43.9#

86 0.0 50.2 75.4#



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

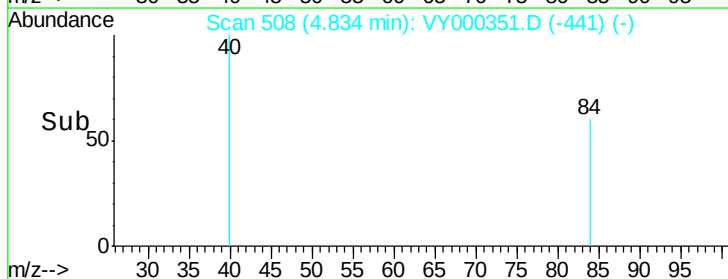
100

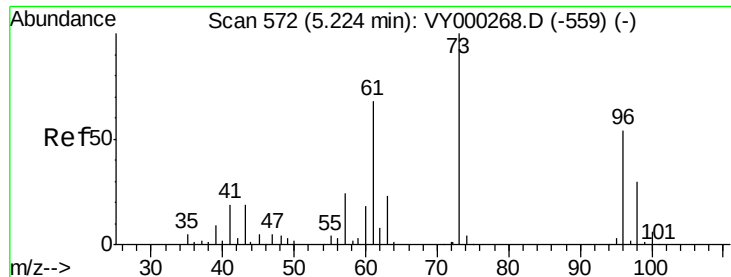
50

0

4.81 4.82 4.83 4.84 4.85

Time-->





#21

trans-1,2-Dichloroethene

Concen: 1.224 ug/l

RT: 5.48 min Scan# 614

Delta R.T. 0.26 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

Instrument :

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ClientSampled :

SP-2RE

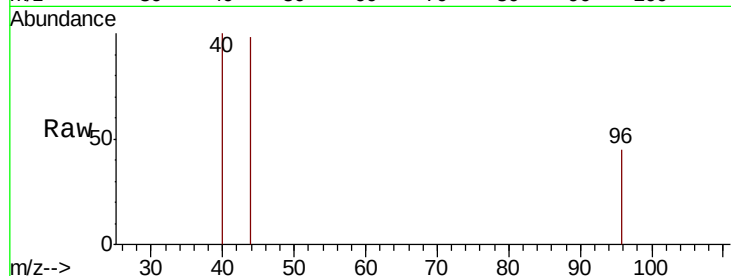
Tot Ion: 96 Resp: 49

Ion Ratio Lower Upper

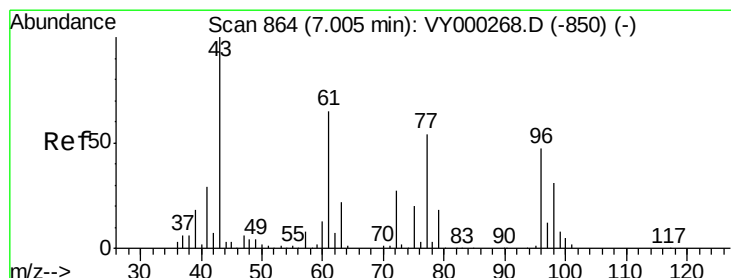
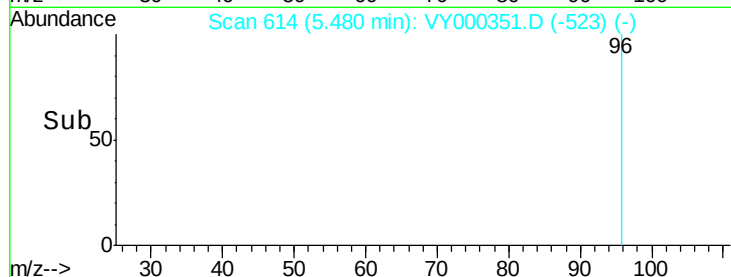
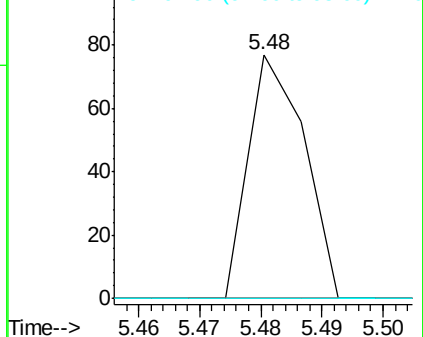
96 100

61 0.0 100.4 150.6#

98 0.0 44.6 66.8#



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#25

2-Butanone

Concen: 1.384 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000351.D

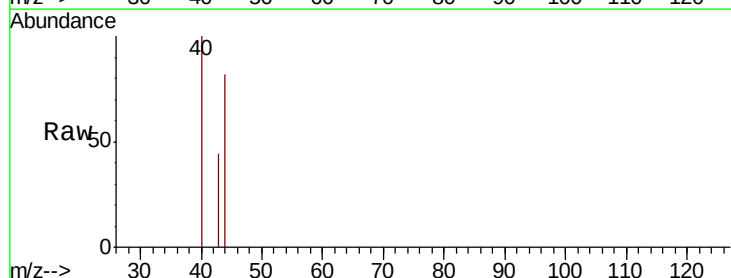
Acq: 18 Oct 2019 15:02

Tgt Ion: 43 Resp: 23

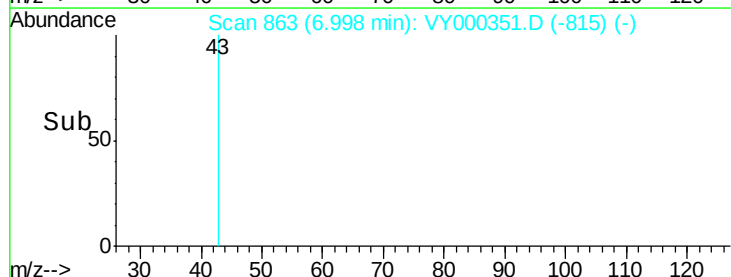
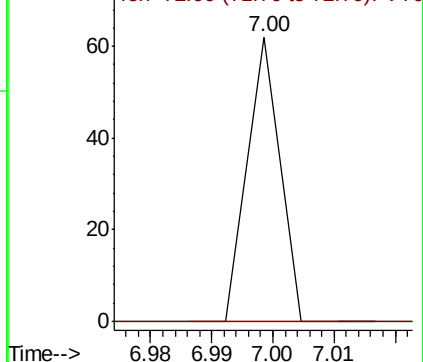
Ion Ratio Lower Upper

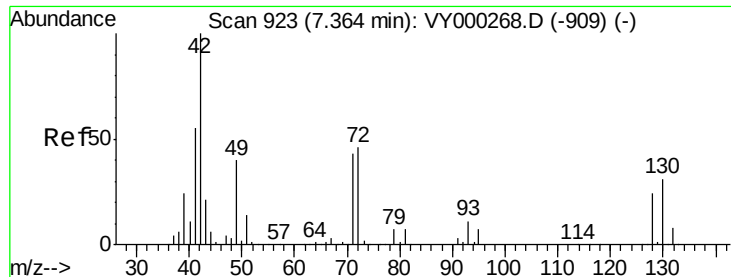
43 100

72 0.0 21.4 32.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

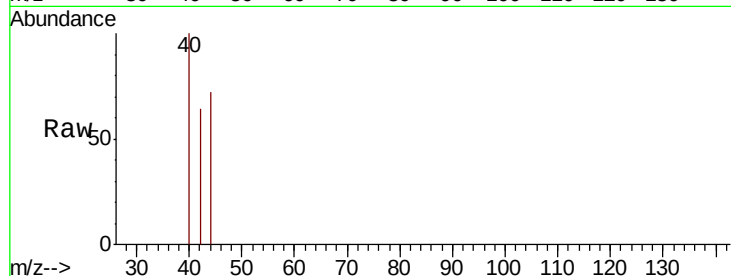




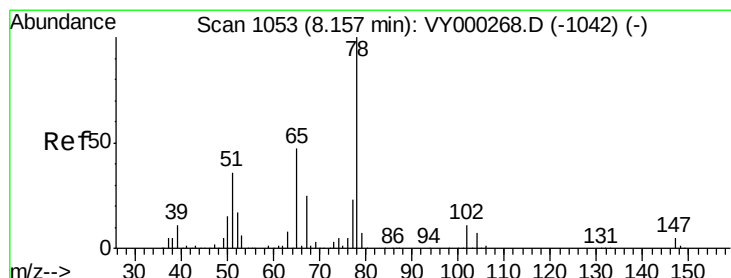
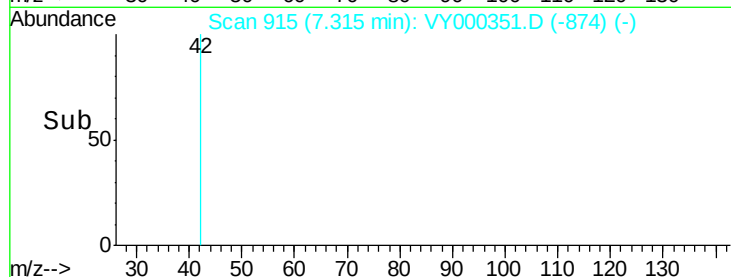
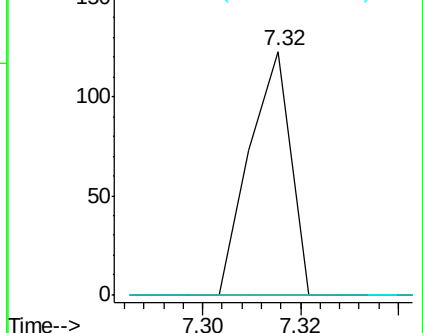
#29
Tetrahydrofuran
Concen: 7.148 ug/l
RT: 7.32 min Scan# 915
Delta R.T. -0.05 min
Lab File: VY000351.D
Acq: 18 Oct 2019 15:02

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Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.5	51.7#
71	0.0	32.7	49.1#

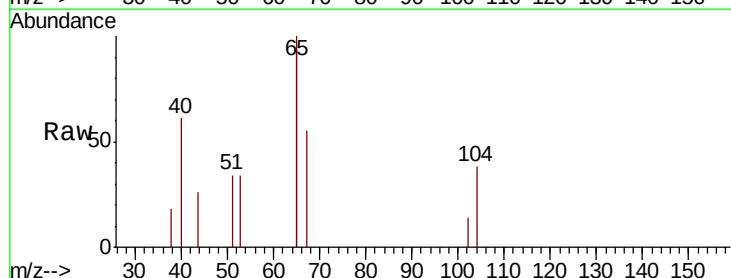


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

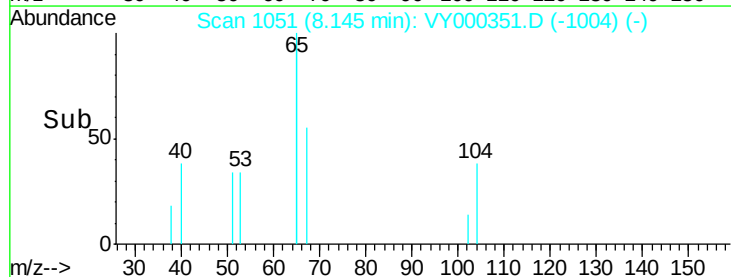
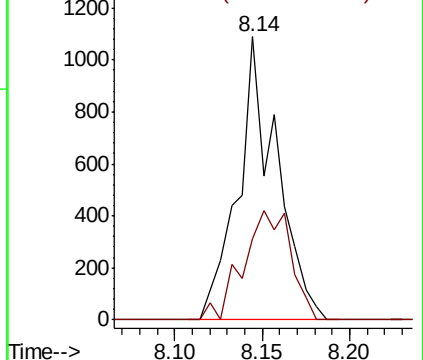


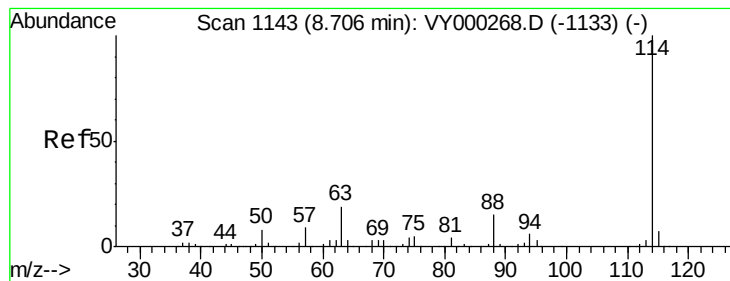
#33
1,2-Dichloroethane-d4
Concen: 45.946 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY000351.D
Acq: 18 Oct 2019 15:02

Tgt Ion	Ratio	Lower	Upper
65	100		
67	47.7	0.0	109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

Instrument :

MSVOA_Y

ClientSampleId :

SP-2RE

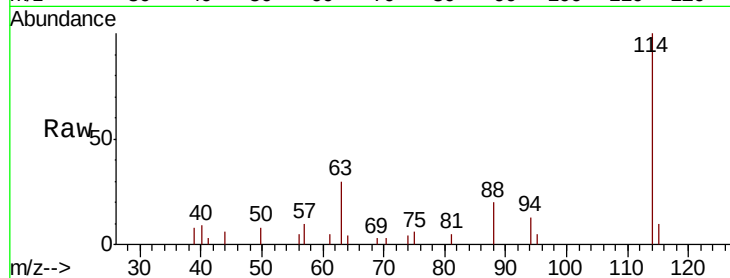
Tot Ion:114 Resp: 4450

Ion Ratio Lower Upper

114 100

63 30.0 0.0 37.2

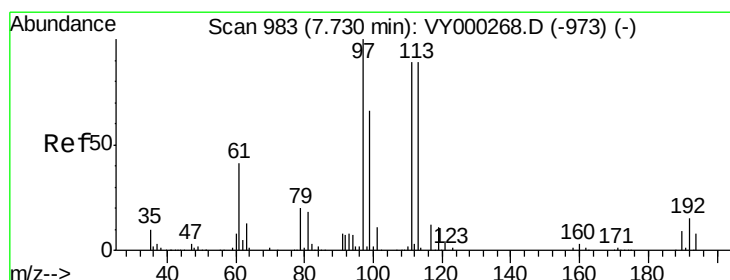
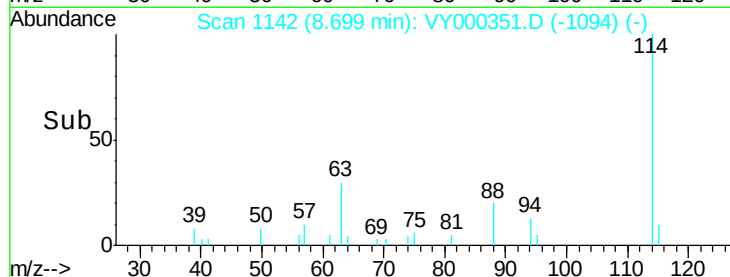
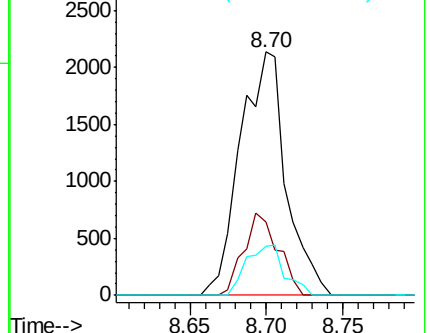
88 20.2 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 10.841 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

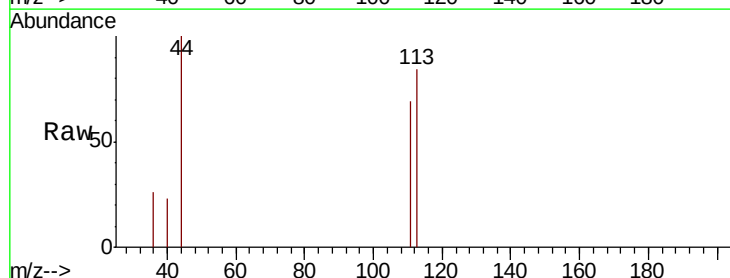
Tgt Ion:113 Resp: 291

Ion Ratio Lower Upper

113 100

111 113.7 81.6 122.4

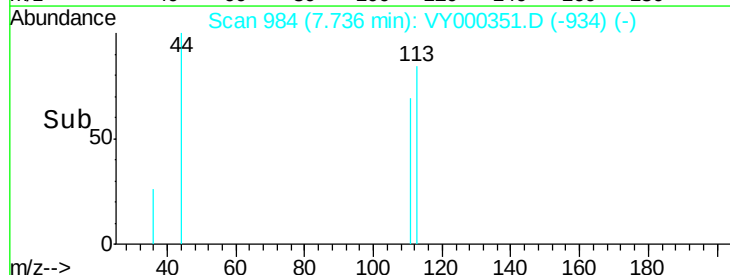
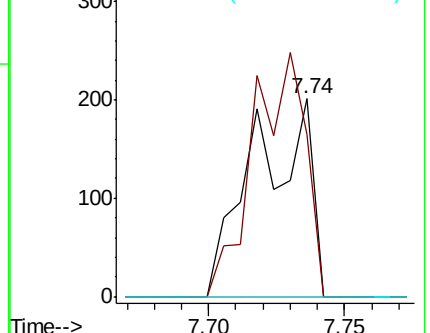
192 0.0 15.3 22.9#

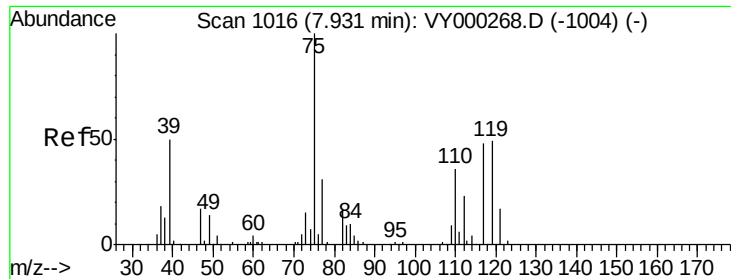


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

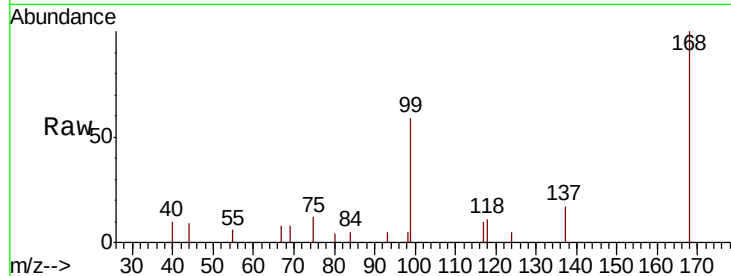




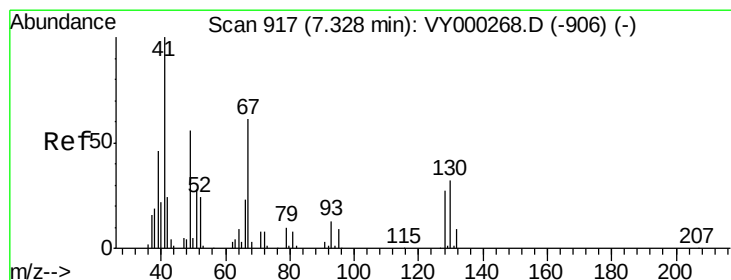
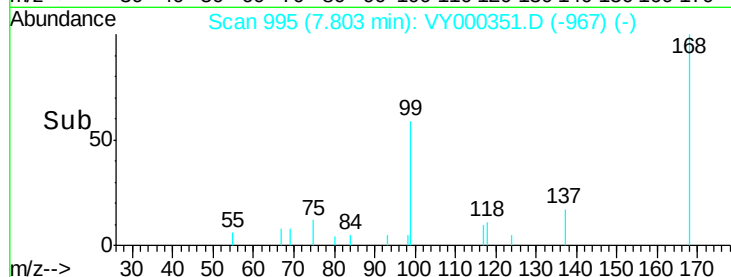
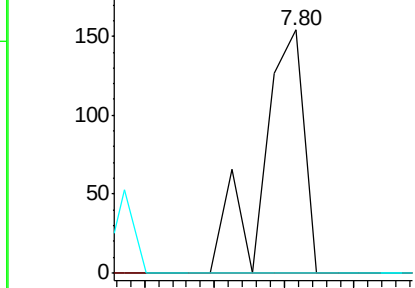
#36
 1,1-Dichloropropene
 Concen: 2.915 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000351.D
 Acq: 18 Oct 2019 15:02

Instrument :
 MSVOA_Y
 ClientSampled :
 SP-2RE

Tot Ion: 75 Resp: 127
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.4 55.4#
 77 0.0 25.0 37.6#

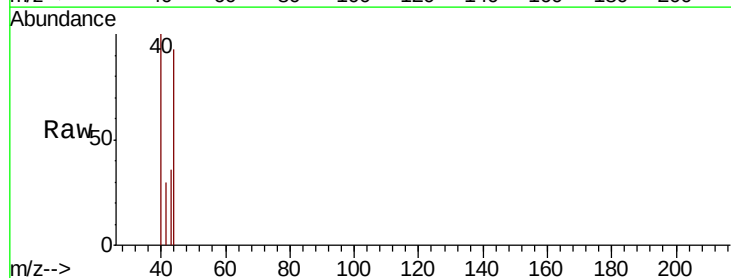


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

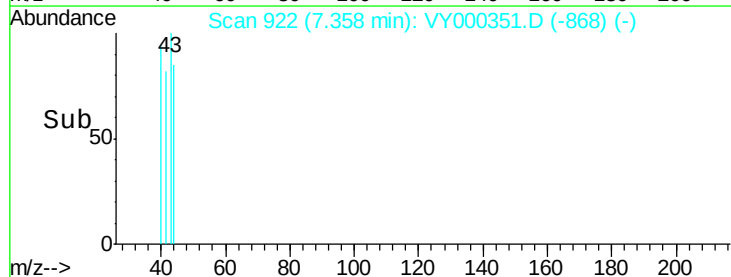
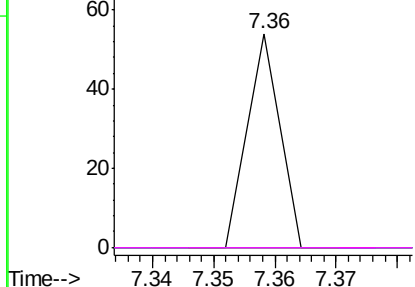


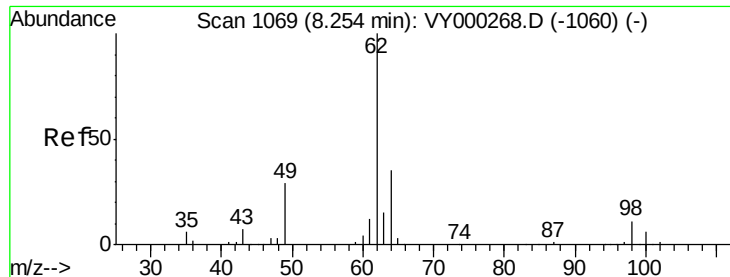
#41
 Methacrylonitrile
 Concen: 1.629 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.03 min
 Lab File: VY000351.D
 Acq: 18 Oct 2019 15:02

Tgt Ion: 41 Resp: 20
 Ion Ratio Lower Upper
 41 100
 39 0.0 110.2 165.2#
 67 0.0 0.0 0.0
 52 0.0 0.0 0.0



Abundance Ion 41.00 (40.70 to 41.70): VY0
 Ion 39.00 (38.70 to 39.70): VY0
 Ion 67.00 (66.70 to 67.70): VY0
 Ion 52.00 (51.70 to 52.70): VY0

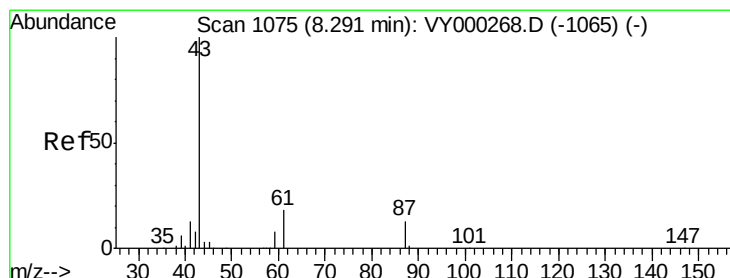
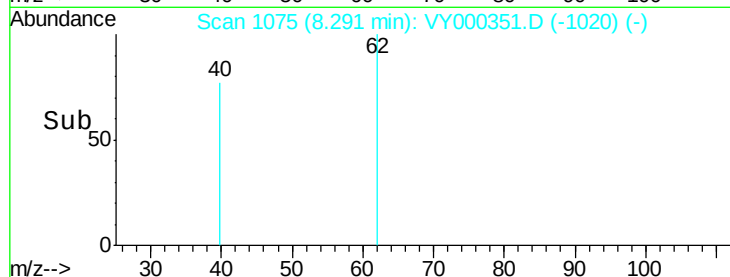
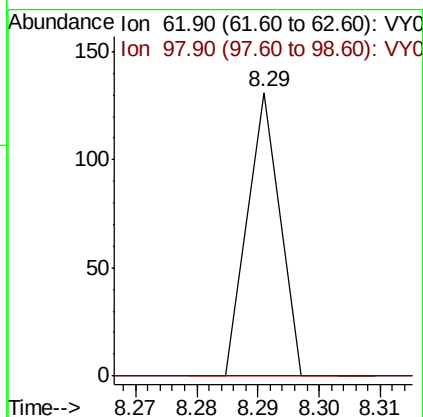
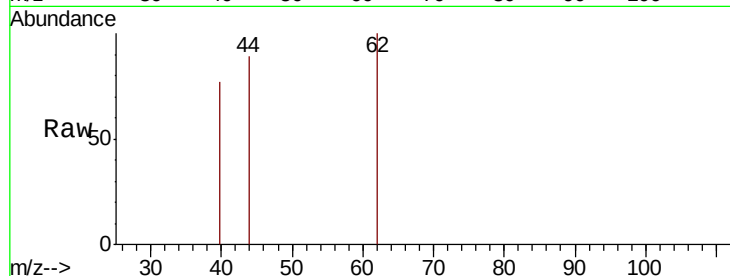




#42
 1,2-Dichloroethane
 Concen: 1.335 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. 0.04 min
 Lab File: VY000351.D
 Acq: 18 Oct 2019 15:02

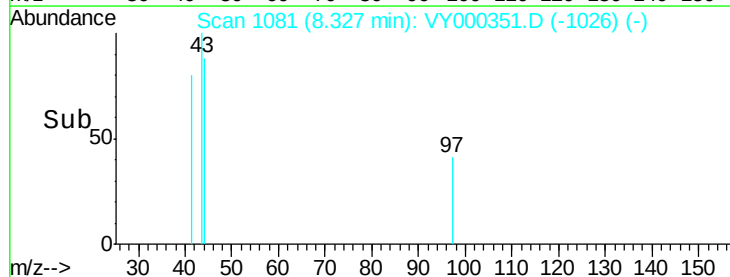
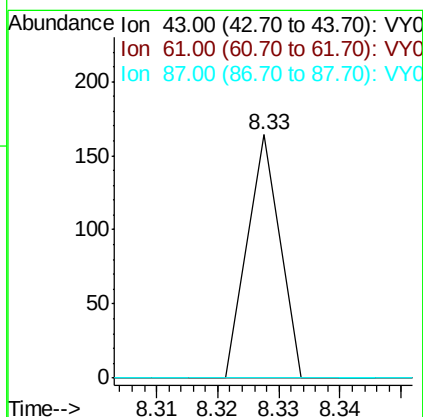
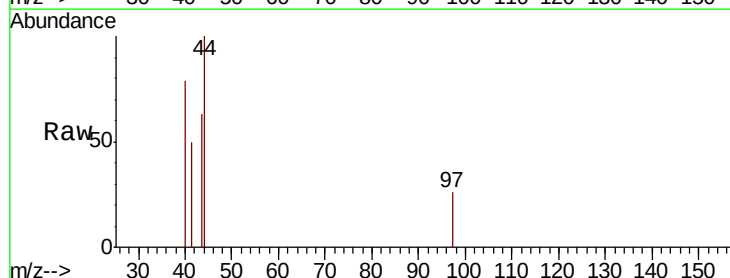
Instrument :
 MSVOA_Y
 ClientSampled :
 SP-2RE

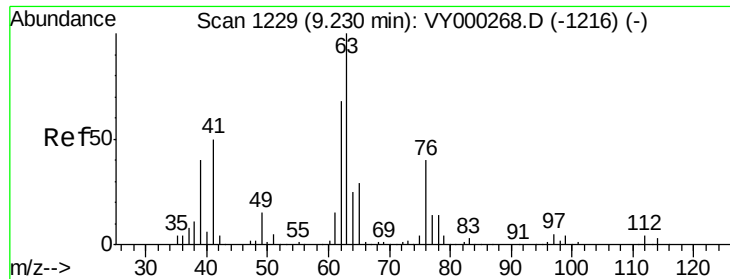
Tot Ion: 62 Resp: 48
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 20.6



#43
 Isopropyl Acetate
 Concen: 1.223 ug/l
 RT: 8.33 min Scan# 1081
 Delta R.T. 0.04 min
 Lab File: VY000351.D
 Acq: 18 Oct 2019 15:02

Tgt Ion: 43 Resp: 60
 Ion Ratio Lower Upper
 43 100
 61 0.0 22.3 33.5#
 87 0.0 10.9 16.3#

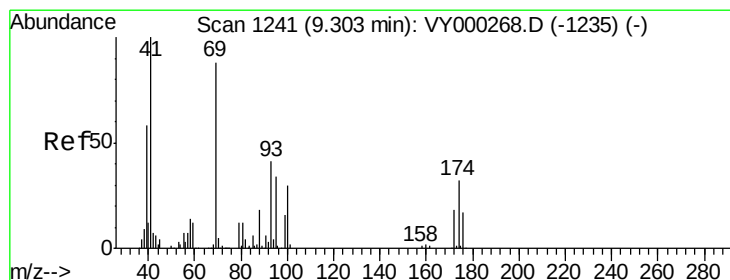
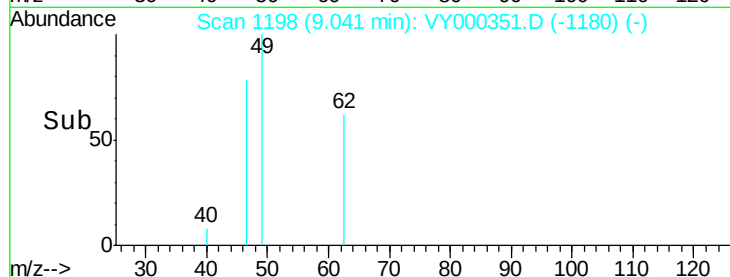
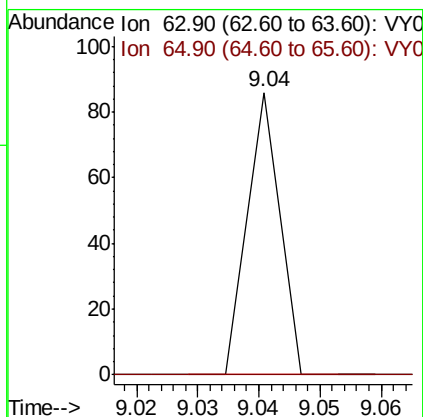
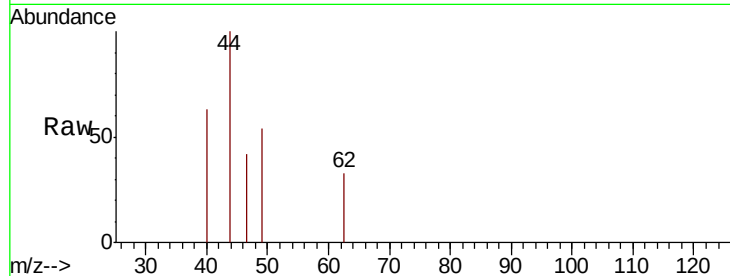




#45
 1,2-Dichloropropane
 Concen: 1.003 ug/l
 RT: 9.04 min Scan# 1198
 Delta R.T. -0.19 min
 Lab File: VY000351.D
 Acq: 18 Oct 2019 15:02

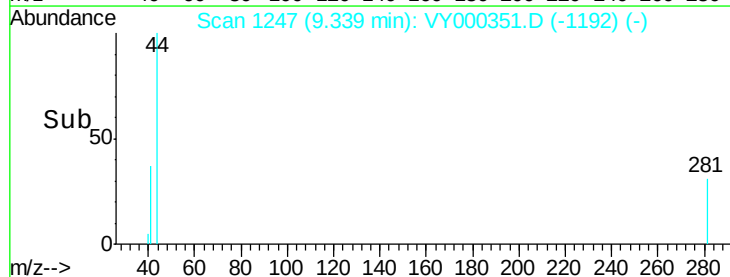
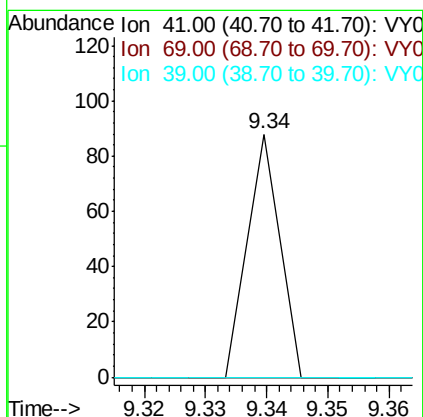
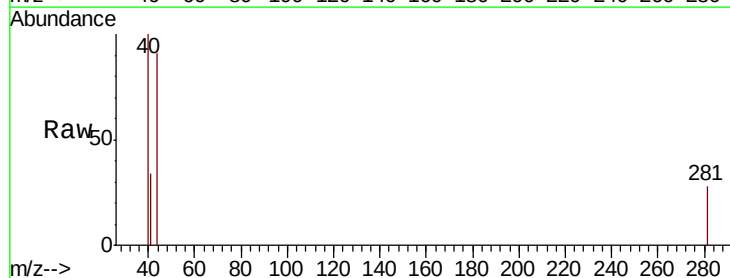
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2RE

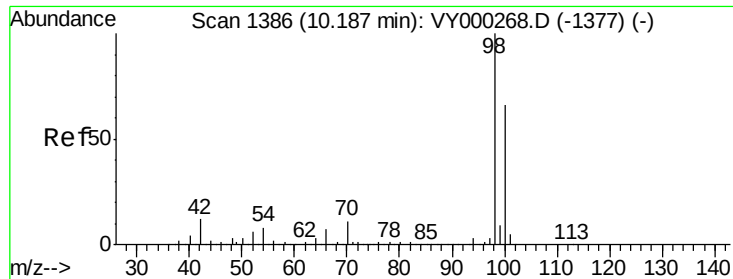
Tot Ion: 63 Resp: 31
 Ion Ratio Lower Upper
 63 100
 65 0.0 23.2 34.8#



#48
 Methyl methacrylate
 Concen: 1.489 ug/l
 RT: 9.34 min Scan# 1247
 Delta R.T. 0.04 min
 Lab File: VY000351.D
 Acq: 18 Oct 2019 15:02

Tgt Ion: 41 Resp: 32
 Ion Ratio Lower Upper
 41 100
 69 0.0 70.0 105.0#
 39 0.0 47.7 71.5#

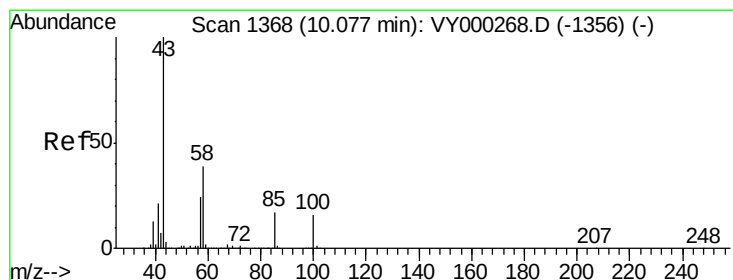
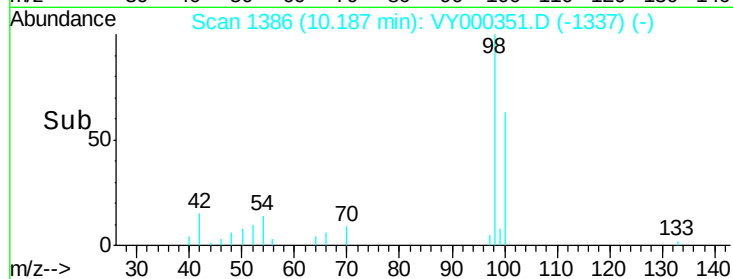
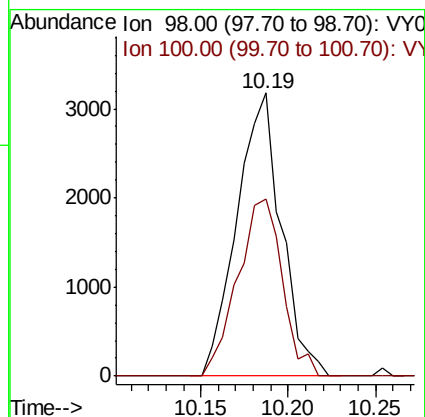
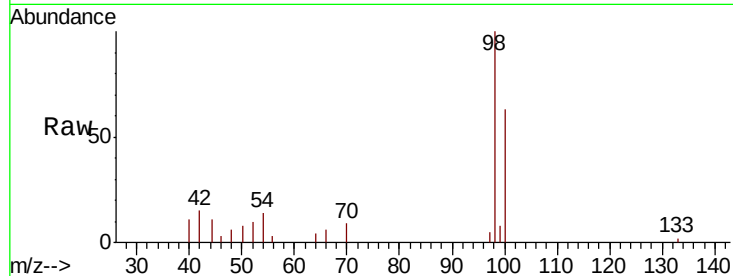




#50
Toluene-d8
Concen: 54.292 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000351.D
Acq: 18 Oct 2019 15:02

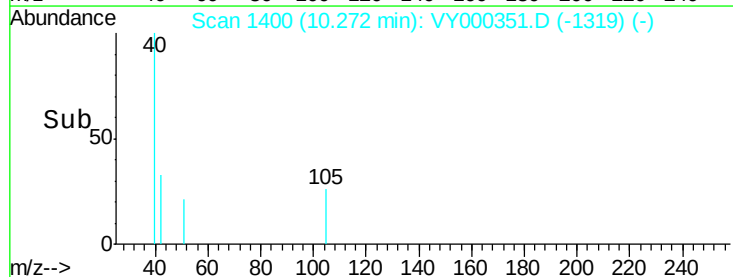
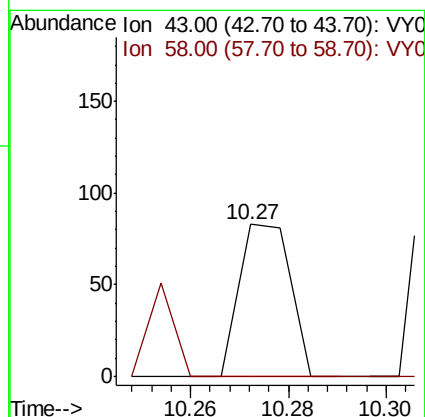
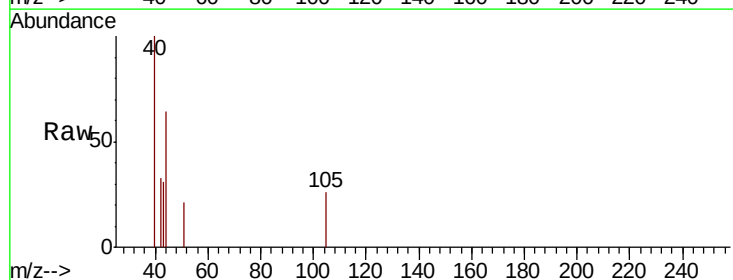
Instrument :
MSVOA_Y
ClientSampled :
SP-2RE

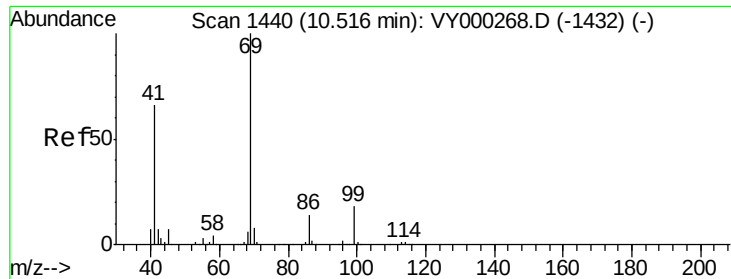
Tot Ion: 98 Resp: 5606
Ion Ratio Lower Upper
98 100
100 62.8 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 2.372 ug/l
RT: 10.27 min Scan# 1400
Delta R.T. 0.20 min
Lab File: VY000351.D
Acq: 18 Oct 2019 15:02

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 31.7 31.0 46.6





#56

Ethyl methacrylate

Concen: 1.928 ug/l

RT: 10.73 min Scan# 1475

Delta R.T. 0.21 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

Instrument :

MSVOA_Y

ClientSampleId :

SP-2RE

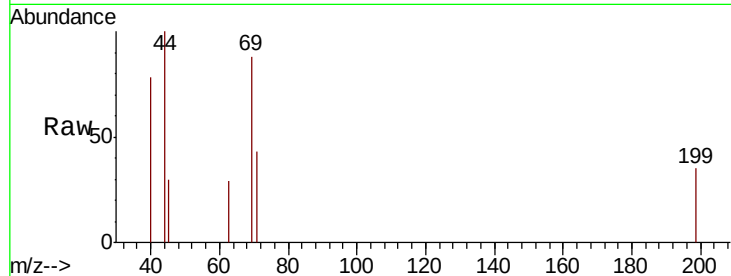
Tot Ion: 69 Resp: 69

Ion Ratio Lower Upper

69 100

41 0.0 52.5 78.7#

39 0.0 26.7 40.1#



Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

200

150

100

50

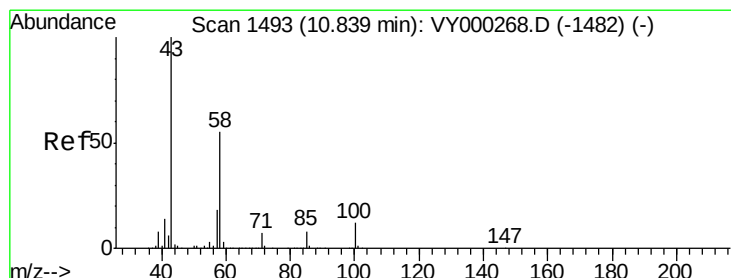
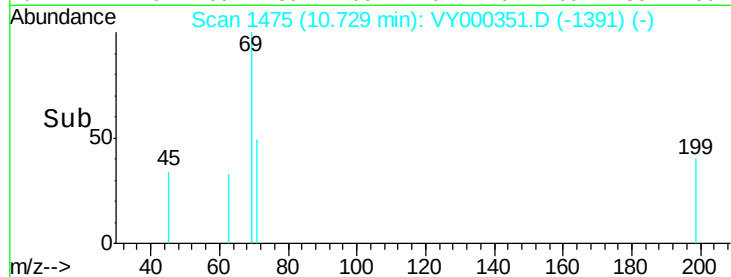
0

10.72

10.73

10.74

Time-->



#59

2-Hexanone

Concen: 2.872 ug/l

RT: 10.77 min Scan# 1482

Delta R.T. -0.07 min

Lab File: VY000351.D

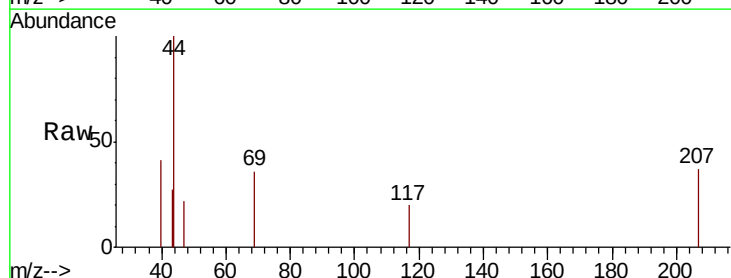
Acq: 18 Oct 2019 15:02

Tgt Ion: 43 Resp: 51

Ion Ratio Lower Upper

43 100

58 0.0 27.7 83.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

80

60

40

20

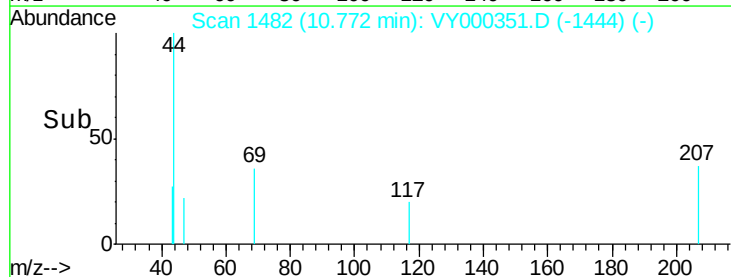
0

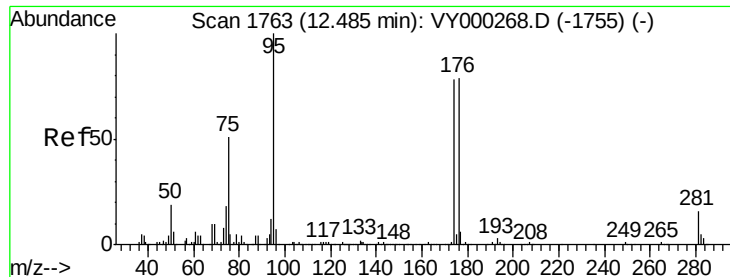
10.76

10.77

10.78

Time-->

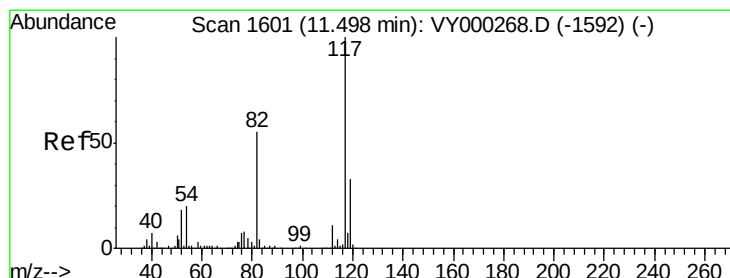
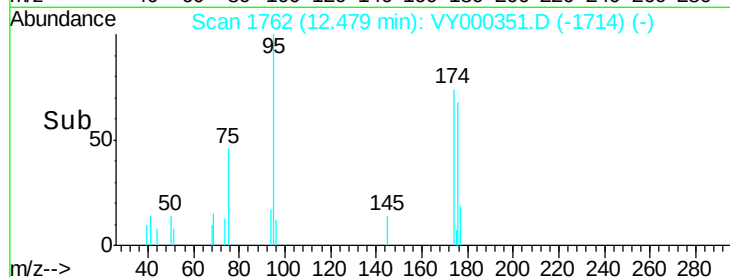
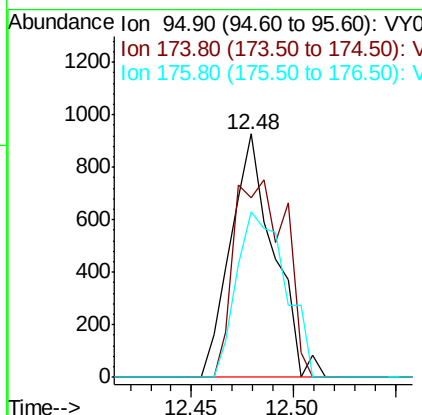
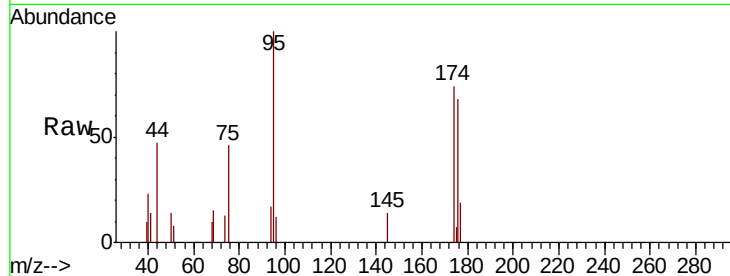




#62
4-Bromofluorobenzene
Concen: 34.312 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000351.D
Acq: 18 Oct 2019 15:02

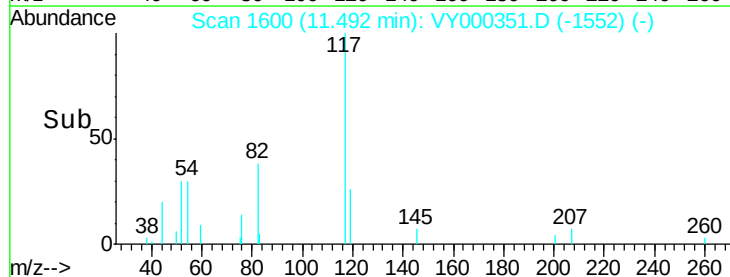
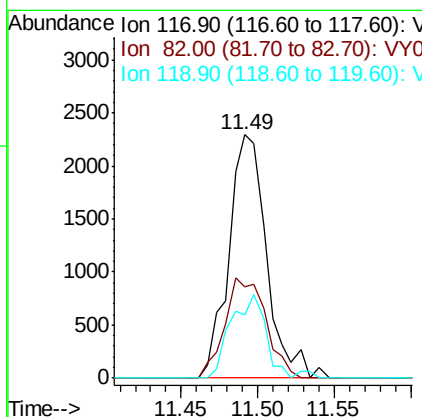
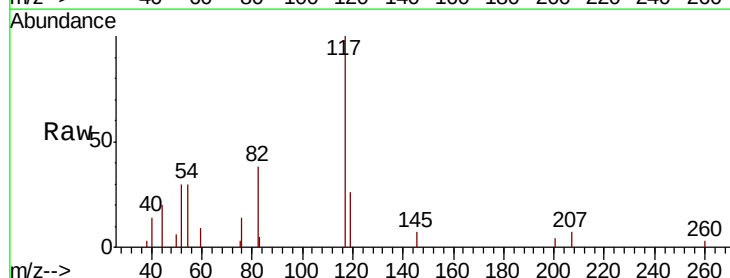
Instrument :
MSVOA_Y
ClientSampled :
SP-2RE

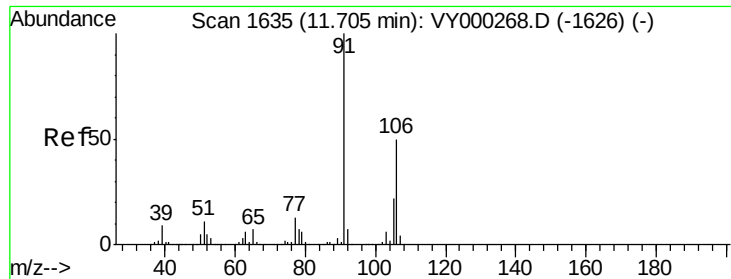
Tot Ion: 95 Resp: 1346
Ion Ratio Lower Upper
95 100
174 98.0 0.0 159.6
176 77.9 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000351.D
Acq: 18 Oct 2019 15:02

Tgt Ion: 117 Resp: 3937
Ion Ratio Lower Upper
117 100
82 37.7 43.7 65.5#
119 26.1 26.6 39.8#

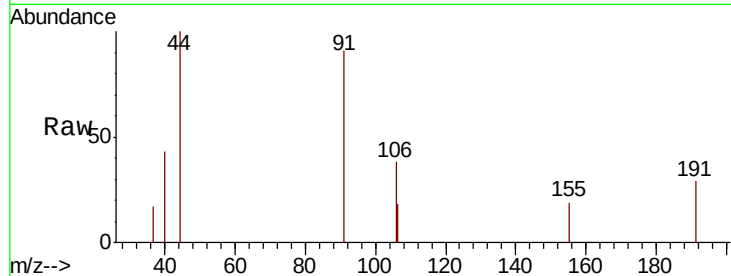




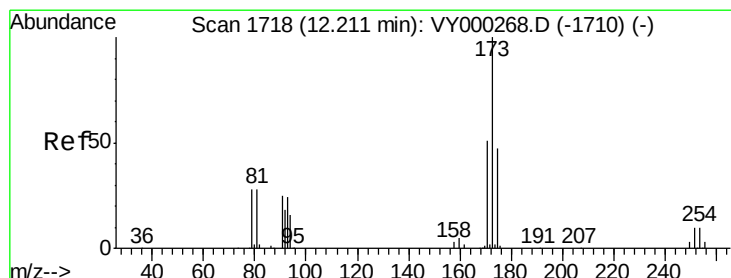
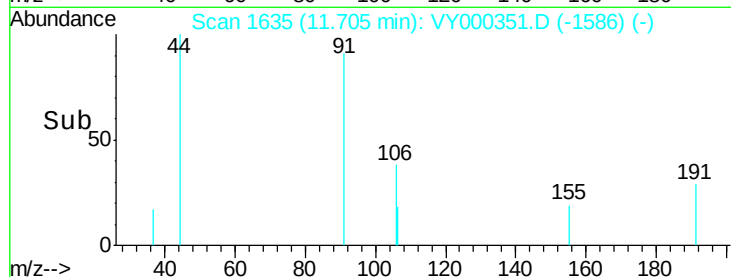
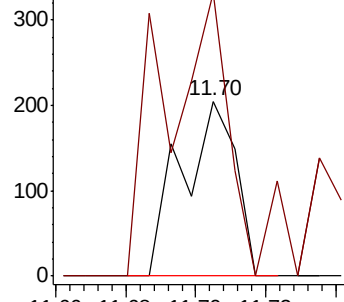
#68
m/p-Xvlenes
Concen: 3.736 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000351.D
Acq: 18 Oct 2019 15:02

Instrument :
MSVOA_Y
ClientSampled :
SP-2RE

Tot Ion:106 Resp: 220
Ion Ratio Lower Upper
106 100
91 189.1 157.5 236.3

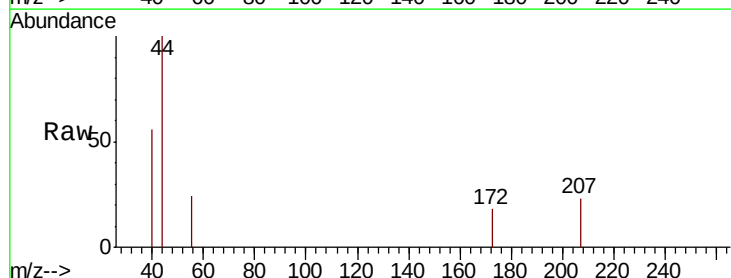


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

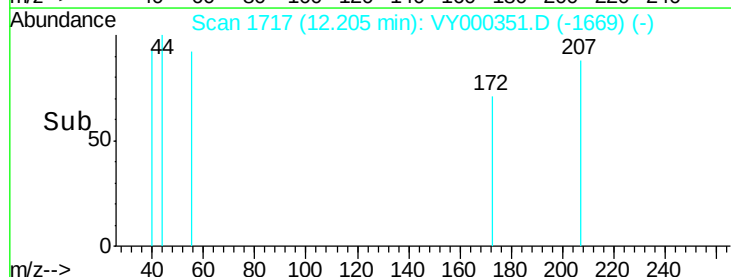
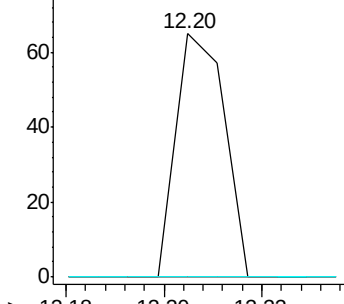


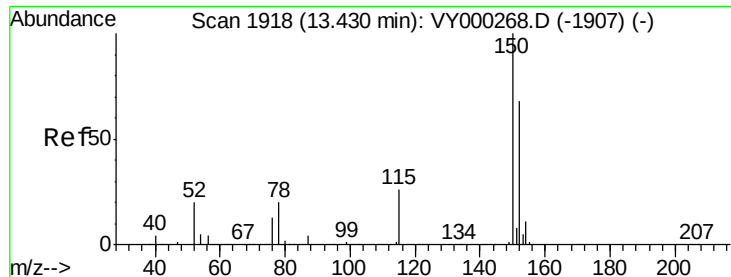
#71
Bromoform
Concen: 2.682 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY000351.D
Acq: 18 Oct 2019 15:02

Tgt Ion:173 Resp: 45
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



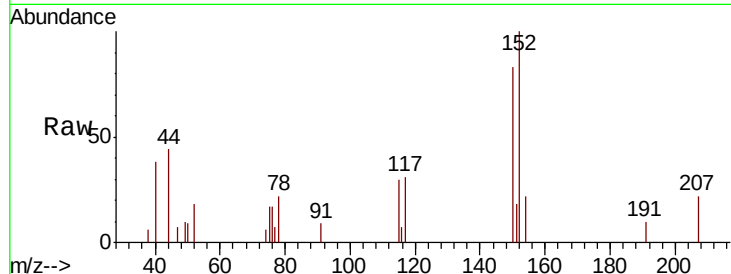


#72

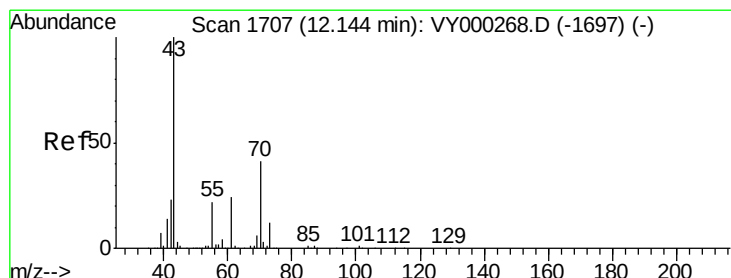
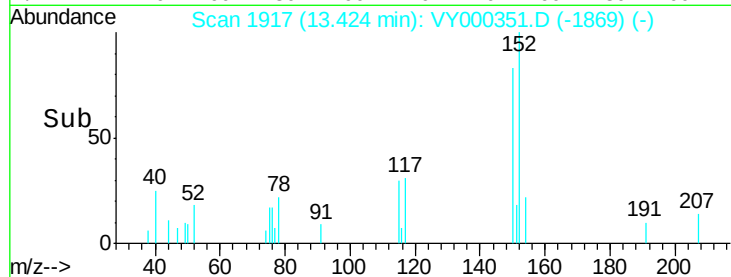
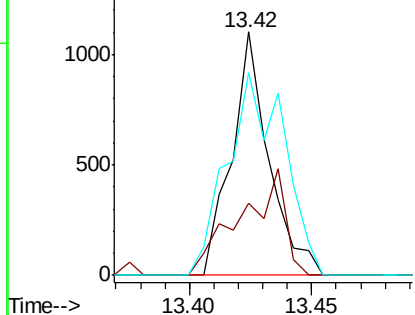
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000351.D
Acq: 18 Oct 2019 15:02

Instrument :
MSVOA_Y
ClientSampled :
SP-2RE

Tot Ion:152 Resp: 1165
Ion Ratio Lower Upper
152 100
115 52.7 29.3 88.0
150 126.5 0.0 348.4



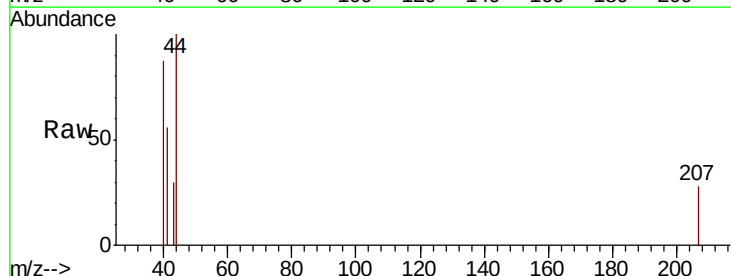
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



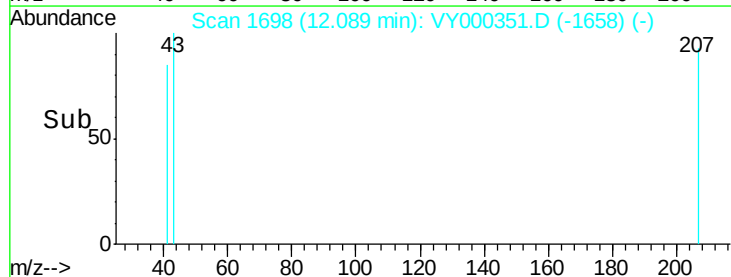
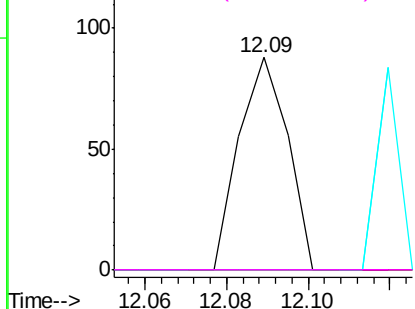
#74

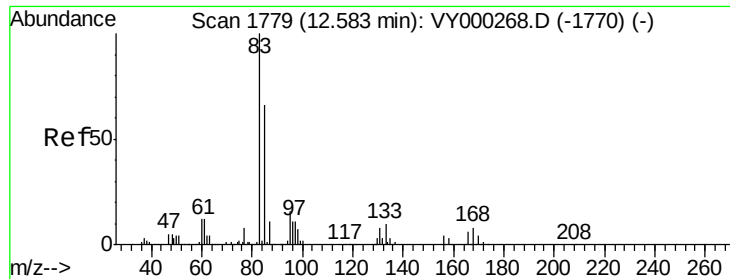
N-ethyl acetate
Concen: 3.273 ug/l
RT: 12.09 min Scan# 1698
Delta R.T. -0.05 min
Lab File: VY000351.D
Acq: 18 Oct 2019 15:02

Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 17.8 26.6#
61 0.0 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 70.00 (69.70 to 70.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 2.580 ug/l

RT: 12.83 min Scan# 1820

Delta R.T. 0.25 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

Instrument :

MSVOA_Y

ClientSampled :

SP-2RE

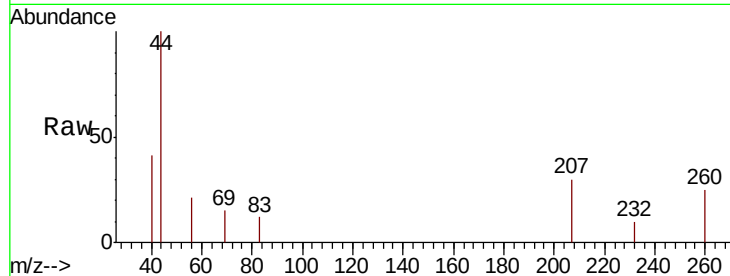
Tot Ion: 83 Resp: 44

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

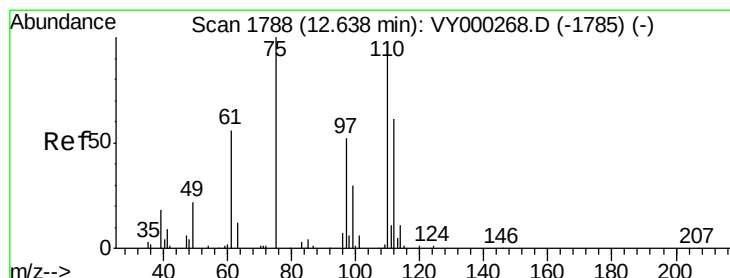
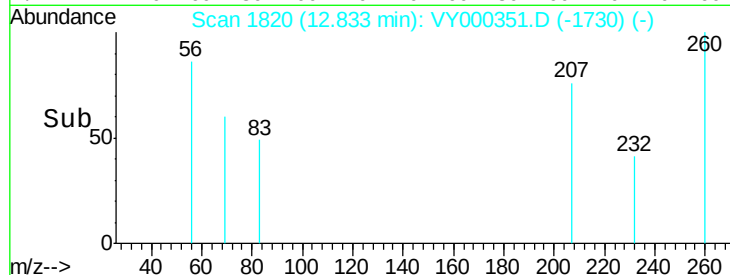
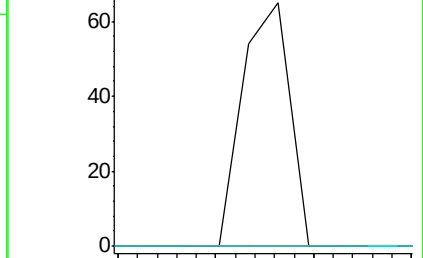
85 0.0 32.9 98.7#



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 56.542 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY000351.D

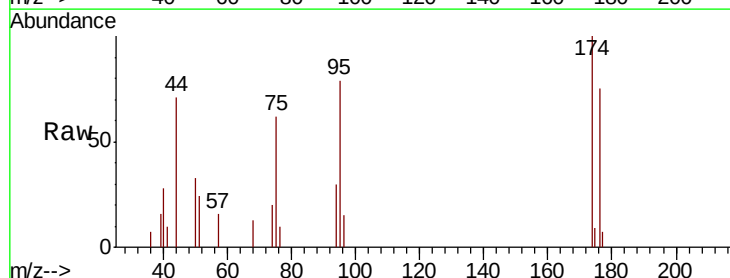
Acq: 18 Oct 2019 15:02

Tgt Ion: 75 Resp: 810

Ion Ratio Lower Upper

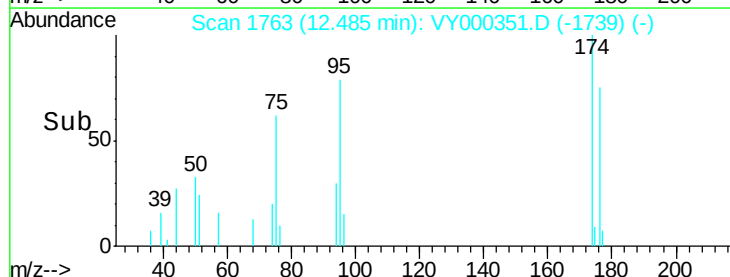
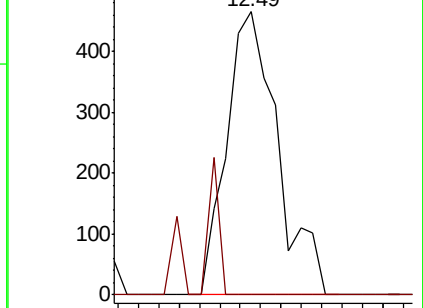
75 100

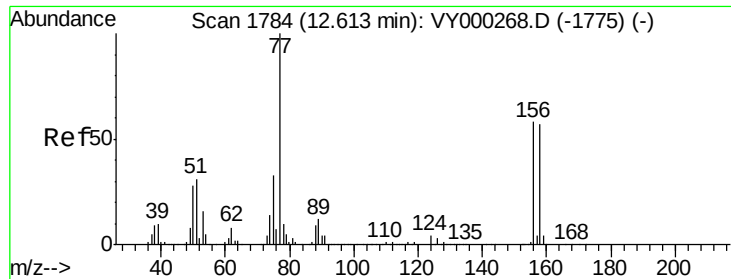
77 10.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 2.177 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

Instrument :

MSVOA_Y

ClientSampled :

SP-2RE

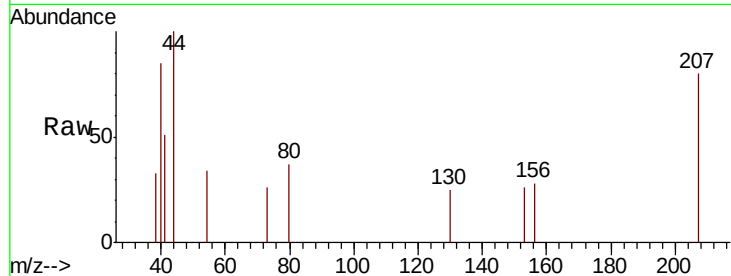
Tot Ion:156 Resp: 44

Ion Ratio Lower Upper

156 100

77 131.8 101.0 302.9

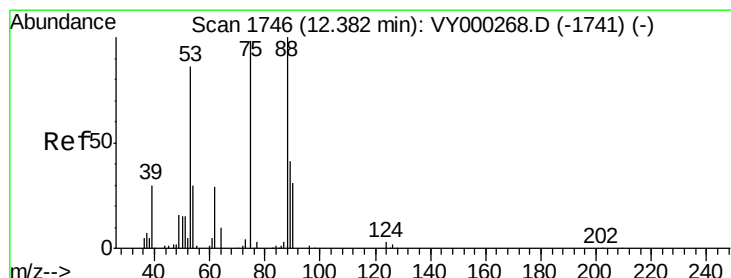
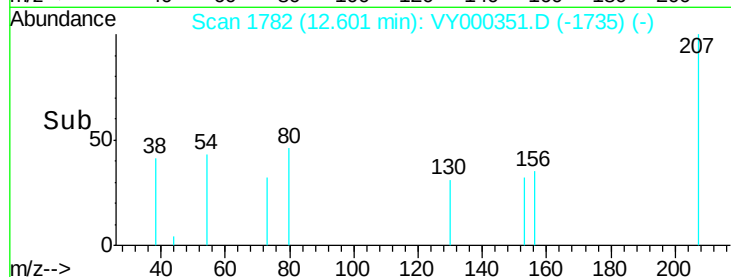
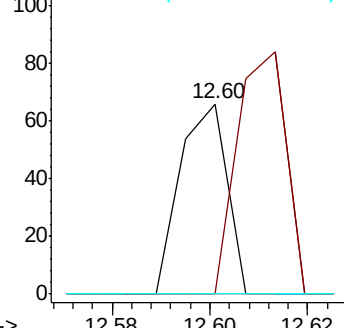
158 0.0 49.7 149.1#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 5.957 ug/l

RT: 12.42 min Scan# 1752

Delta R.T. 0.04 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

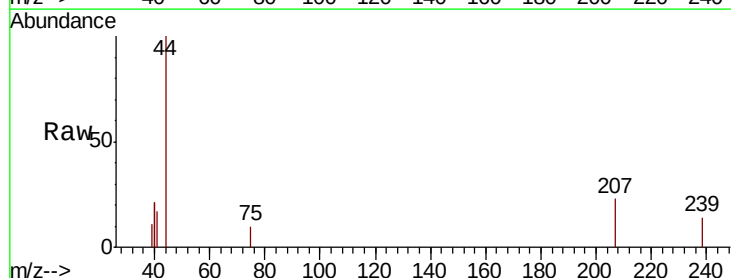
Tgt Ion: 75 Resp: 39

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

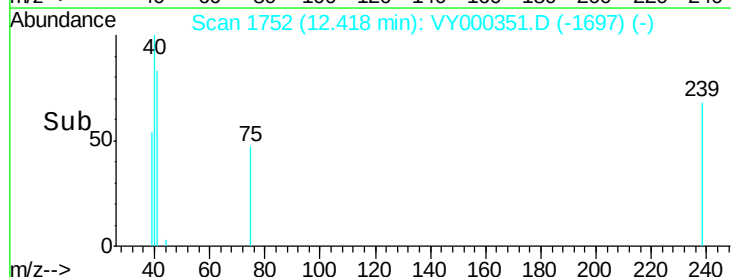
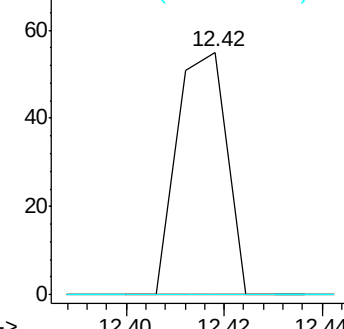
89 0.0 35.1 52.7#

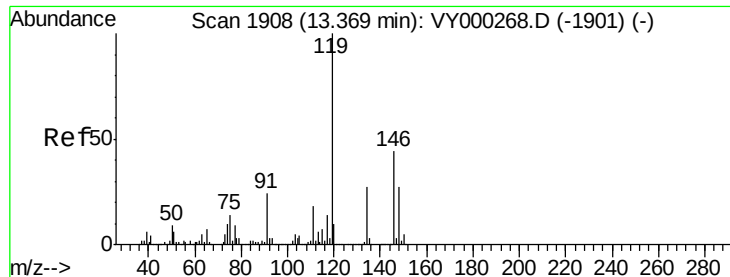


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#86

p-Isopropyltoluene

Concen: 1.573 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

Instrument :

MSVOA_Y

ClientSampleId :

SP-2RE

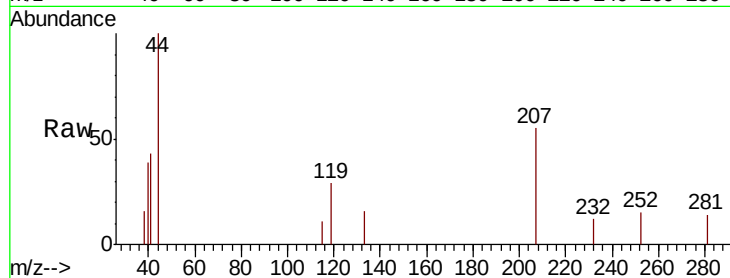
Tot Ion:119 Resp: 128

Ion Ratio Lower Upper

119 100

134 0.0 13.6 40.8#

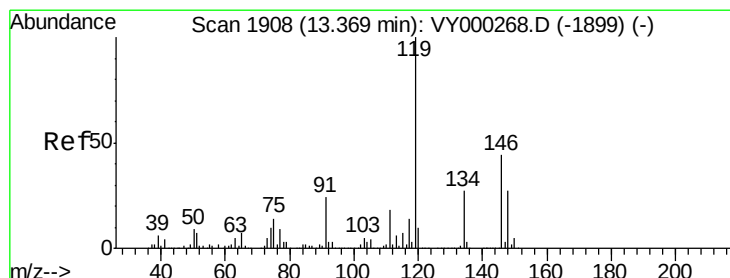
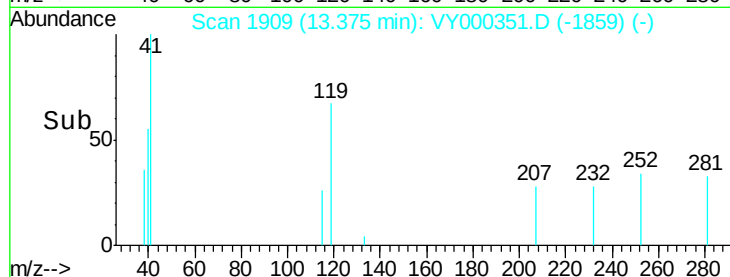
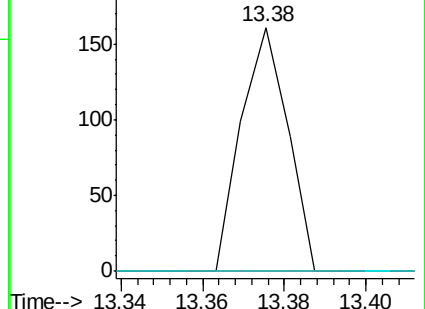
91 0.0 12.0 36.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



#87

1,3-Dichlorobenzene

Concen: 2.285 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.07 min

Lab File: VY000351.D

Acq: 18 Oct 2019 15:02

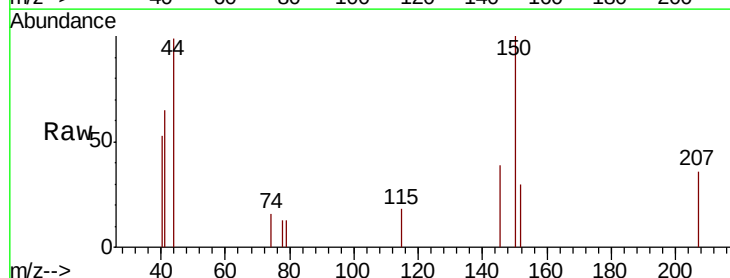
Tgt Ion:146 Resp: 91

Ion Ratio Lower Upper

146 100

111 0.0 20.6 61.8#

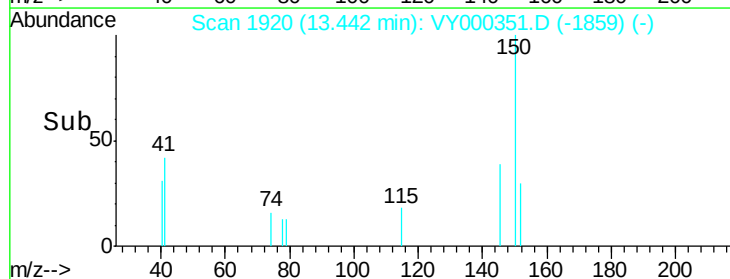
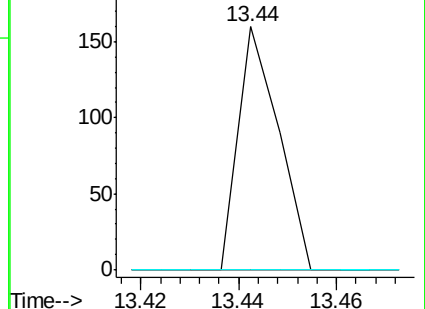
148 0.0 31.9 95.5#

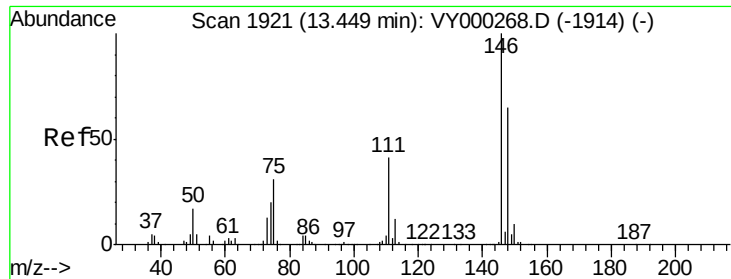


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

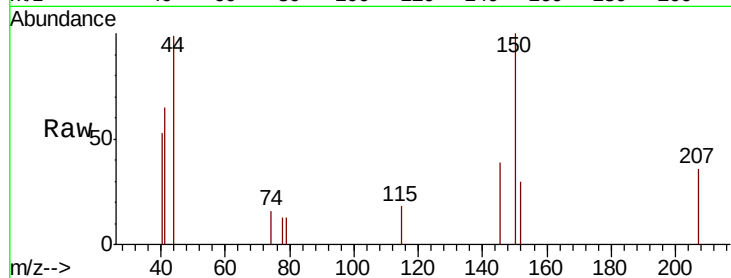




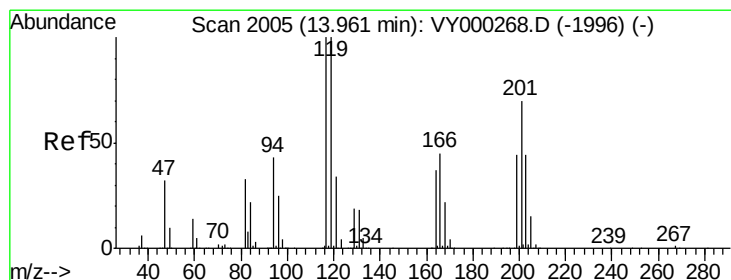
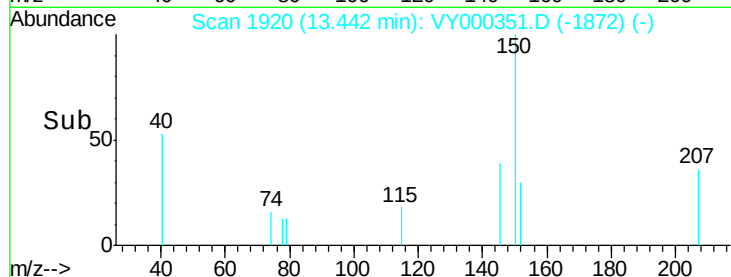
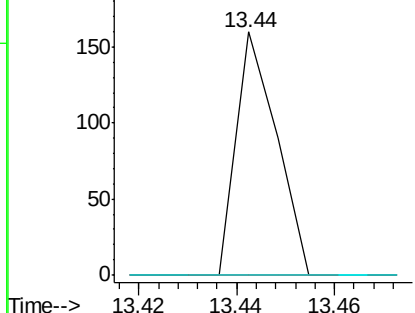
#88
 1,4-Dichlorobenzene
 Concen: 2.286 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000351.D
 Acq: 18 Oct 2019 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2RE

Tot Ion:146 Resp: 91
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.1 60.2#
 148 0.0 32.4 97.2#

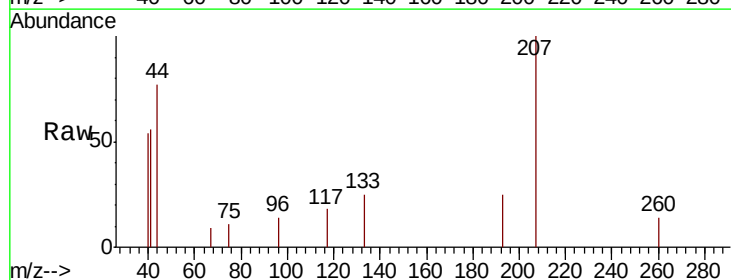


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

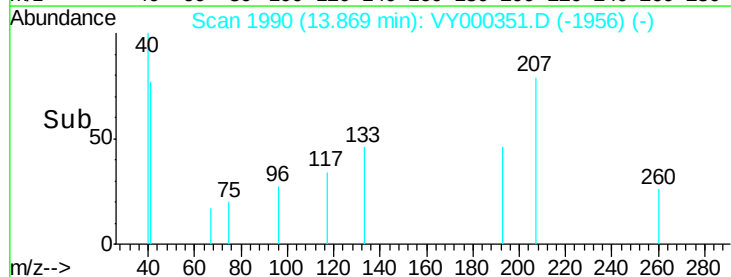
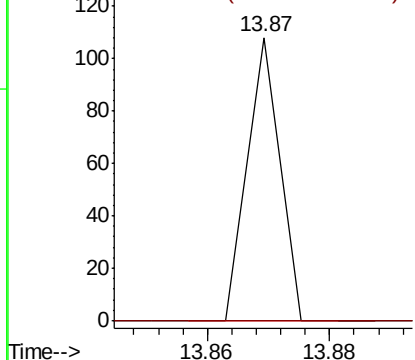


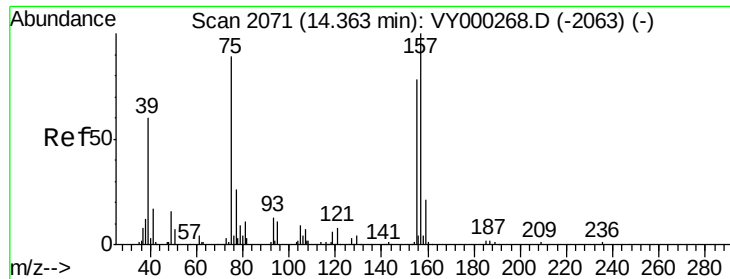
#90
 Hexachloroethane
 Concen: 2.655 ug/l
 RT: 13.87 min Scan# 1990
 Delta R.T. -0.09 min
 Lab File: VY000351.D
 Acq: 18 Oct 2019 15:02

Tgt Ion:117 Resp: 40
 Ion Ratio Lower Upper
 117 100
 201 0.0 36.3 108.7#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.70 (200.40 to 201.40): V

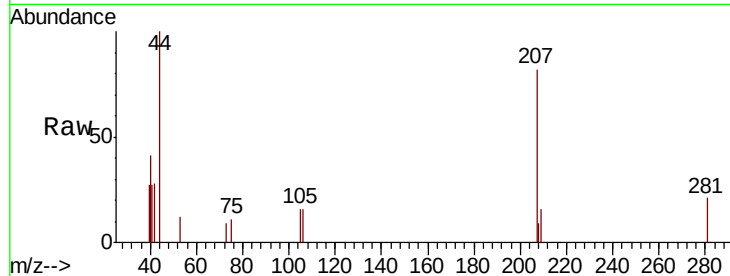




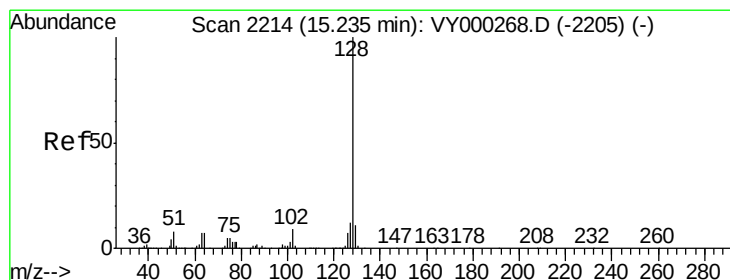
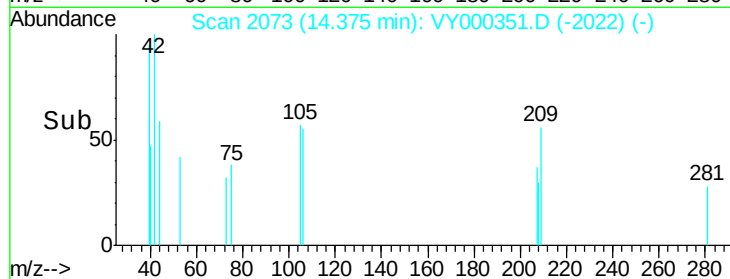
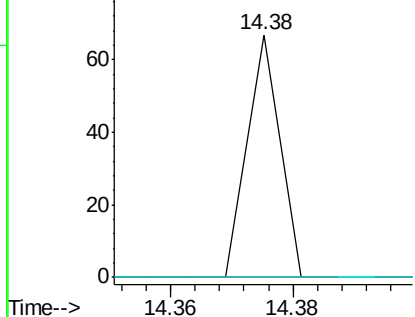
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.729 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY000351.D
 Acq: 18 Oct 2019 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2RE

Tot Ion: 75 Resp: 25
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.8 137.3#
 157 0.0 55.6 166.9#

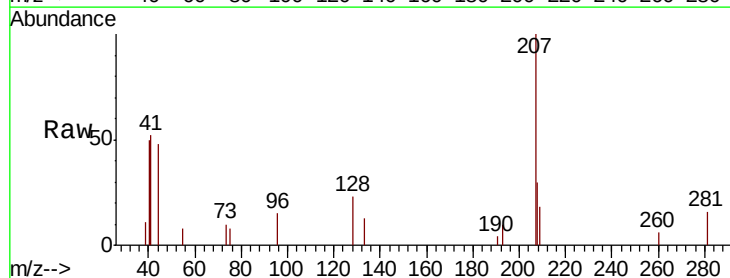


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



#95
 Naphthalene
 Concen: 6.500 ug/l
 RT: 15.25 min Scan# 2216
 Delta R.T. 0.01 min
 Lab File: VY000351.D
 Acq: 18 Oct 2019 15:02

Tgt Ion: 128 Resp: 364
 Ion Ratio Lower Upper
 128 100
 127 0.0 9.6 14.4#
 129 25.5 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

