

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092319\
 Data File : VY000139.D
 Acq On : 23 Sep 2019 18:30
 Operator : SY/MD
 Sample : K5008-09
 Misc : 5.46g/5.00ml/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9

Quant Time: Sep 24 05:23:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 05:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	83928	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.71	114	174366	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.52	117	84677	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.54	152	124613	50.00	ug/l	0.12

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.37	65	154359	160.00	ug/l	0.22
Spiked Amount				50.000		
			Recovery	=	320.00%	
35) Dibromofluoromethane	7.73	113	49324	49.26	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	98.52%	
50) Toluene-d8	10.29	98	8622415	2139.26	ug/l	0.12
Spiked Amount				50.000		
			Recovery	=	4278.52%	
62) 4-Bromofluorobenzene	12.46	95	2982009	2011.67	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	4023.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	1585	Below Cal	#	79
11) Tert butyl alcohol	4.96	59	459	4.608	ug/l #	72
13) Acrolein	3.73	56	179	4.423	ug/l #	20
15) Acrylonitrile	5.25	53	7837	25.589	ug/l #	27
16) Acetone	3.96	43	69246	369.221	ug/l	94
17) Carbon Disulfide	4.21	76	69611	20.017	ug/l	99
20) Methylene Chloride	4.73	84	6444	5.113	ug/l #	86
25) 2-Butanone	7.01	43	62520	179.677	ug/l #	74
29) Tetrahydrofuran	7.37	42	280	1.188	ug/l #	27
30) Chloroform	7.49	83	65451	35.926	ug/l #	31
31) Cyclohexane	7.81	56	1215335	647.664	ug/l #	65
37) Ethyl Acetate	7.01	43	62520	73.327	ug/l #	67
38) Carbon Tetrachloride	7.81	117	9100	6.567	ug/l #	14
39) Methylcyclohexane	9.21	83	30242909	13619.830	ug/l #	67
41) Methacrylonitrile	7.38	41	7662	18.252	ug/l #	96
42) 1,2-Dichloroethane	8.31	62	13481	10.609	ug/l #	71
43) Isopropyl Acetate	8.31	43	3150043	1847.072	ug/l #	50
45) 1,2-Dichloropropane	9.20	63	490347	407.421	ug/l #	1
46) Dibromomethane	9.21	93	28486	42.559	ug/l #	6
47) Bromodichloromethane	9.52	83	1753295	1144.050	ug/l #	82
48) Methyl methacrylate	9.23	41	12894522	17693.155	ug/l #	18
49) 1,4-Dioxane	9.31	88	127	12.019	ug/l #	1
51) 4-Methyl-2-Pentanone	10.24	43	737372	848.499	ug/l #	34
52) Toluene	10.28	92	13034	4.233	ug/l #	1
53) t-1,3-Dichloropropene	10.47	75	3133	1.875	ug/l #	1
55) 1,1,2-Trichloroethane	10.63	97	48345862	50438.007	ug/l #	16
56) Ethyl methacrylate	10.54	69	2977278	2205.126	ug/l #	86
58) 2-Chloroethyl Vinyl ether	9.63	63	155344	233.049	ug/l #	46
59) 2-Hexanone	10.84	43	7756422	12742.168	ug/l #	22
60) Dibromochloromethane	10.99	129	66857	66.739	ug/l #	12
61) 1,2-Dibromoethane	11.09	107	14254	15.823	ug/l #	1
65) Chlorobenzene	11.49	112	506303	294.542	ug/l #	43
67) Ethyl Benzene	11.48	91	472772	151.307	ug/l #	45
68) m/p-Xylenes	11.75	106	30694	25.474	ug/l #	1

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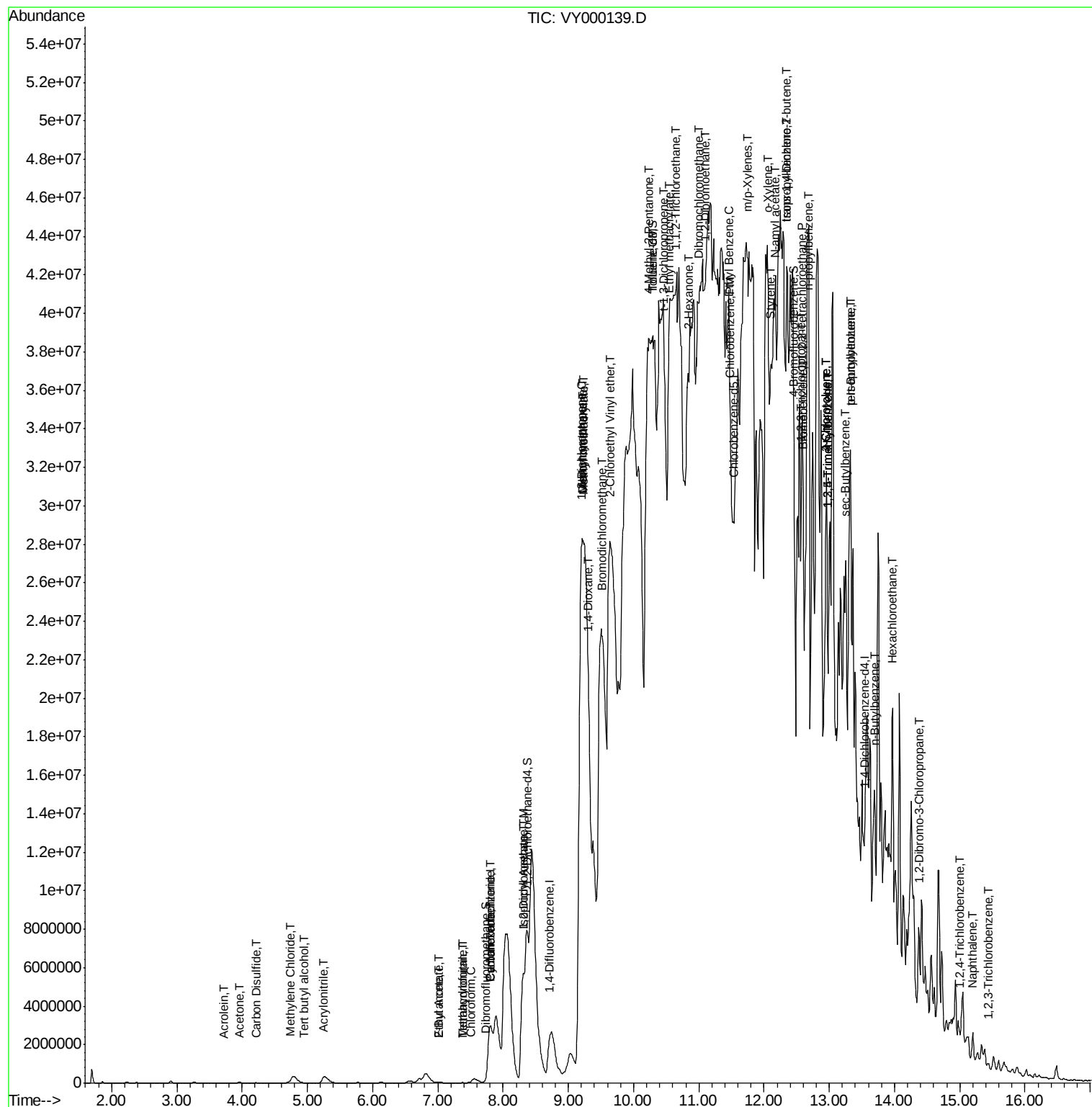
69) o-Xylene	12.06	106	13195	11.455	ug/l #	1
70) Styrene	12.10	104	8504	4.370	ug/l #	1
73) Isopropylbenzene	12.35	105	10382439	1046.433	ug/l	99
74) N-amyl acetate	12.16	43	9140687	3305.574	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.58	83	1023725	516.775	ug/l #	25
76) 1,2,3-Trichloropropane	12.57	75	29236	22.387	ug/l #	100
77) Bromobenzene	12.60	156	11583	5.583	ug/l #	1
78) n-propylbenzene	12.69	91	12264209	999.474	ug/l	98
79) 2-Chlorotoluene	12.94	91	443687	65.866	ug/l	100
80) 1,3,5-Trimethylbenzene	12.98	105	973839	117.287	ug/l	67
81) trans-1,4-Dichloro-2-buten	12.35	75	156986	197.595	ug/l #	1
82) 4-Chlorotoluene	12.94	91	450275	64.809	ug/l	100
83) tert-Butylbenzene	13.32	119	272088	40.004	ug/l	95
84) 1,2,4-Trimethylbenzene	12.98	105	973839	117.525	ug/l	73
85) sec-Butylbenzene	13.26	105	4786224	470.745	ug/l	80
86) p-Isopropyltoluene	13.32	119	284350	32.801	ug/l #	67
89) n-Butylbenzene	13.69	91	3073997	345.693	ug/l #	78
90) Hexachloroethane	13.97	117	554505	322.992	ug/l #	20
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9423	25.879	ug/l #	9
93) 1,2,4-Trichlorobenzene	15.01	180	2913	1.183	ug/l #	1
95) Naphthalene	15.19	128	36667	5.891	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.44	180	4943	2.251	ug/l #	16

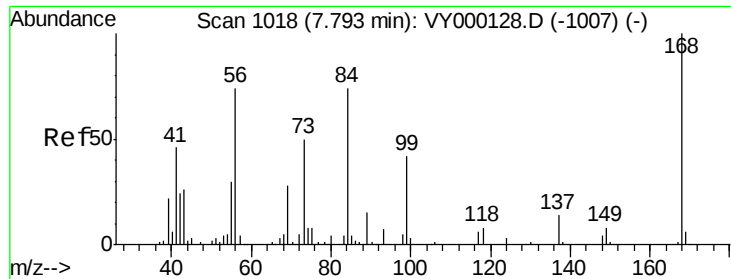
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 1021

Delta R.T. 0.02 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampled :

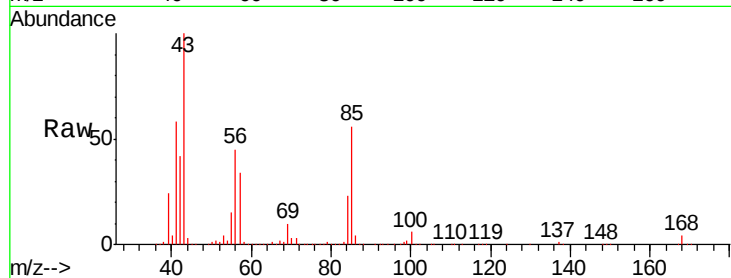
SB-9

Tgt Ion:168 Resp: 83928

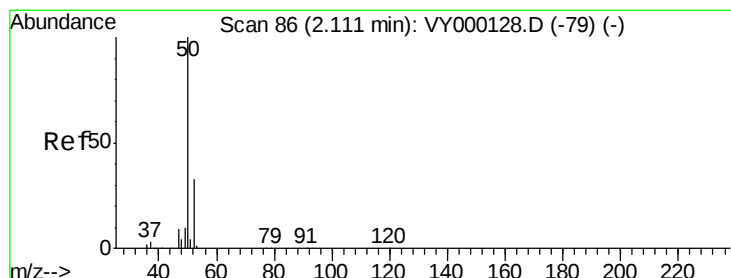
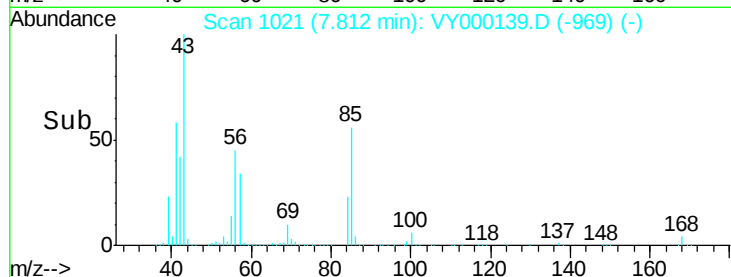
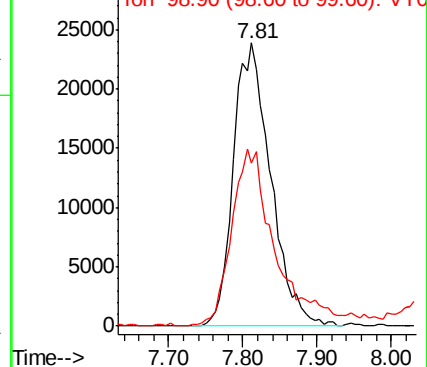
Ion Ratio Lower Upper

168 100

99 56.8 49.9 74.9



Abundance Ion 167.90 (167.60 to 168.60): VY000139.D (-969) (-)



#3

Chloromethane

Concen: Below Cal

RT: 2.11 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY000139.D

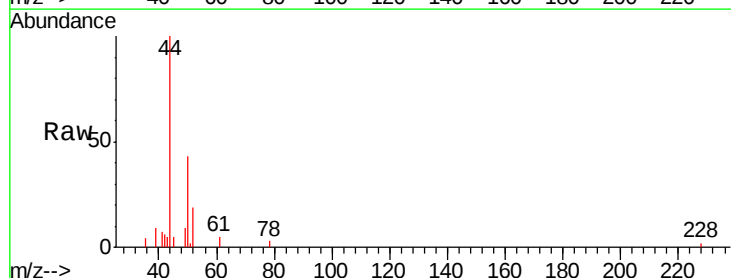
Acq: 23 Sep 2019 18:30

Tgt Ion: 50 Resp: 1585

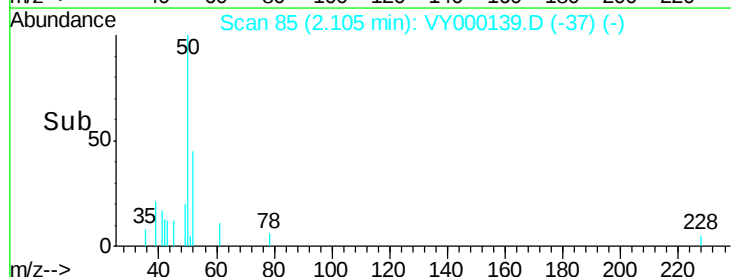
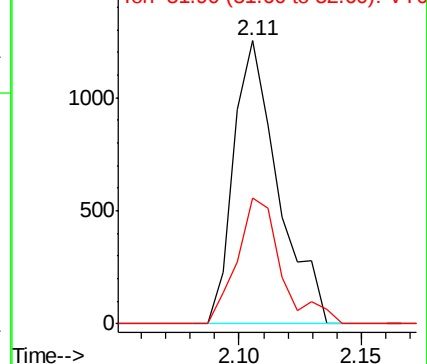
Ion Ratio Lower Upper

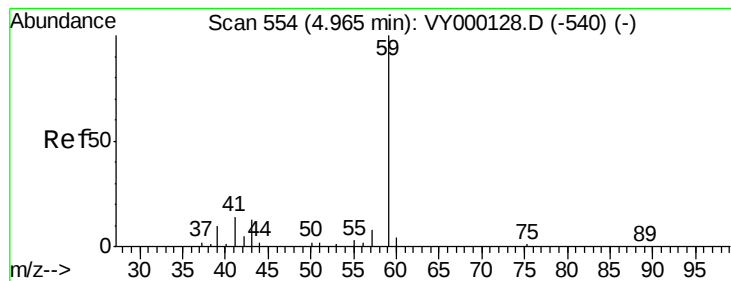
50 100

52 44.5 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VY000139.D (-37) (-)



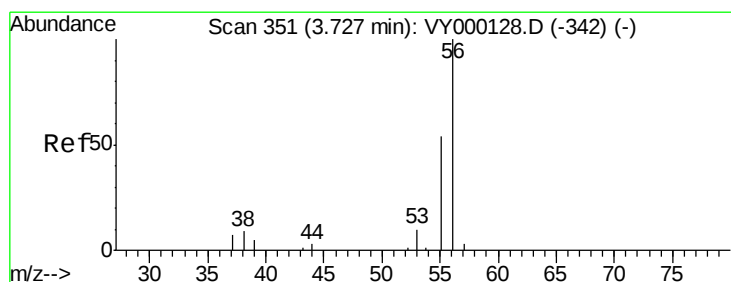
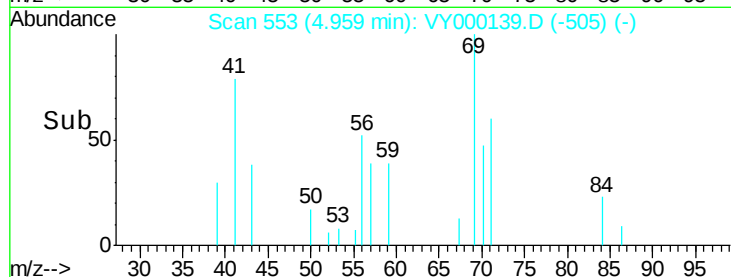
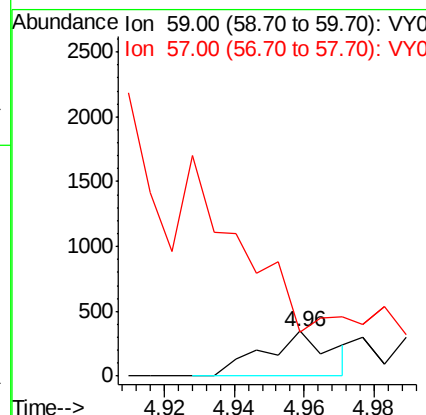
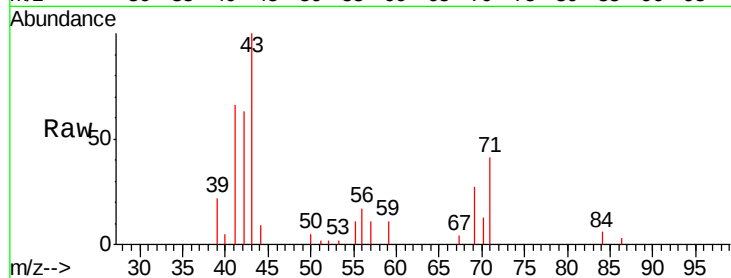


#11

Tert butyl alcohol
 Concen: 4.608 ug/l
 RT: 4.96 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: VY000139.D
 Acq: 23 Sep 2019 18:30

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-9

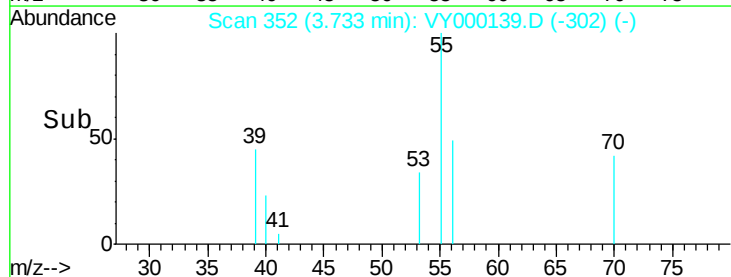
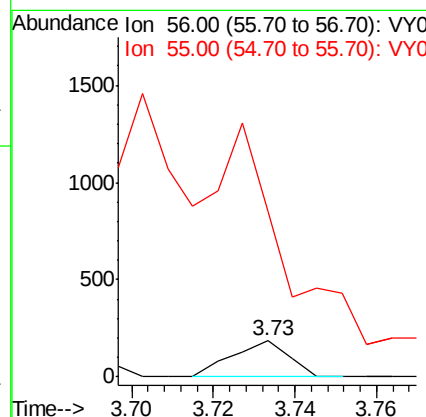
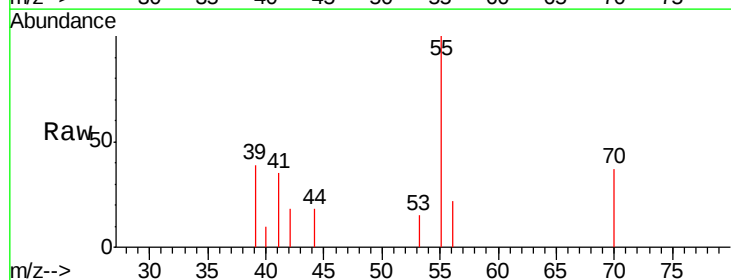
Tgt Ion: 59 Resp: 459
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

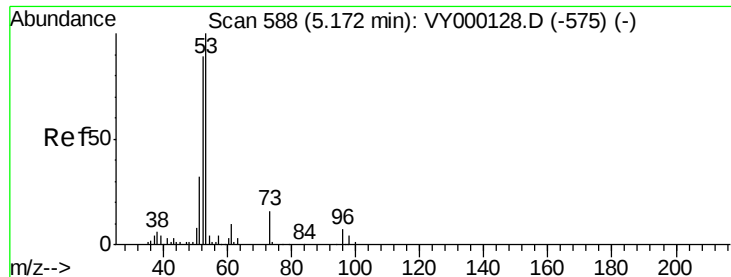


#13

Acrolein
 Concen: 4.423 ug/l
 RT: 3.73 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY000139.D
 Acq: 23 Sep 2019 18:30

Tgt Ion: 56 Resp: 179
 Ion Ratio Lower Upper
 56 100
 55 0.0 49.4 74.0#





#15

Acrylonitrile

Concen: 25.589 ug/l

RT: 5.25 min Scan# 600

Delta R.T. 0.07 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-9

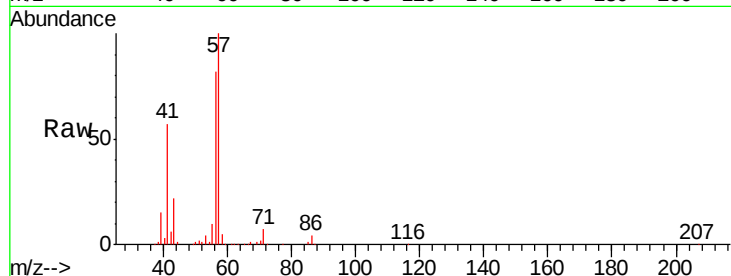
Tgt Ion: 53 Resp: 7837

Ion Ratio Lower Upper

53 100

52 18.8 63.8 95.8#

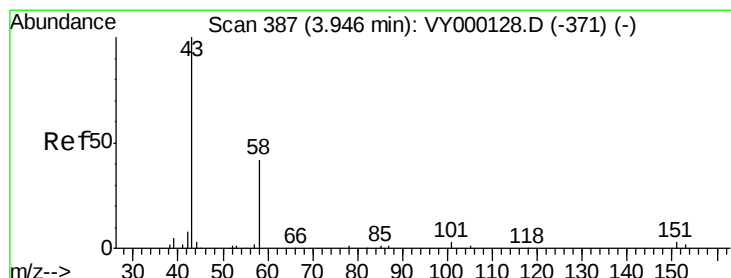
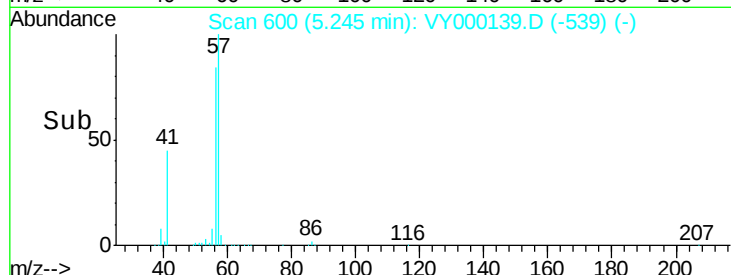
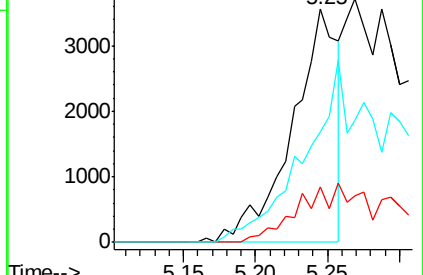
51 79.5 26.6 40.0#



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 369.221 ug/l

RT: 3.96 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY000139.D

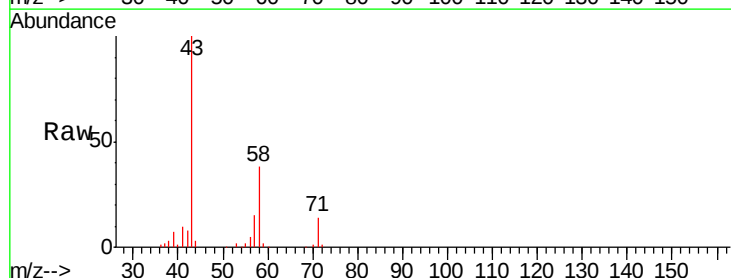
Acq: 23 Sep 2019 18:30

Tgt Ion: 43 Resp: 69246

Ion Ratio Lower Upper

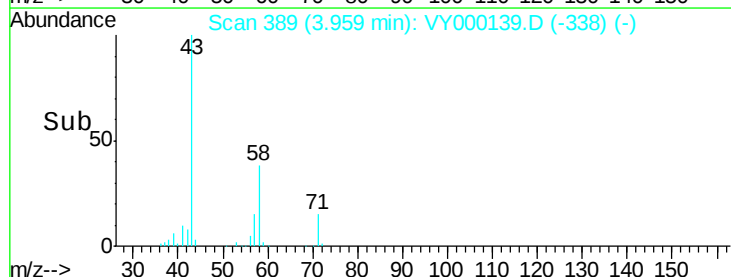
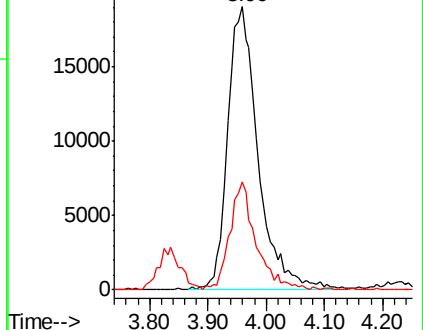
43 100

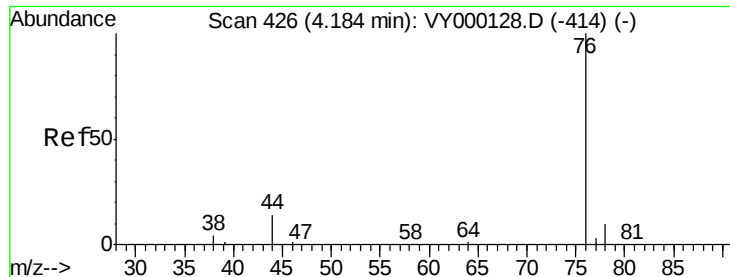
58 38.0 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 20.017 ug/l

RT: 4.21 min Scan# 430

Delta R.T. 0.02 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampleId :

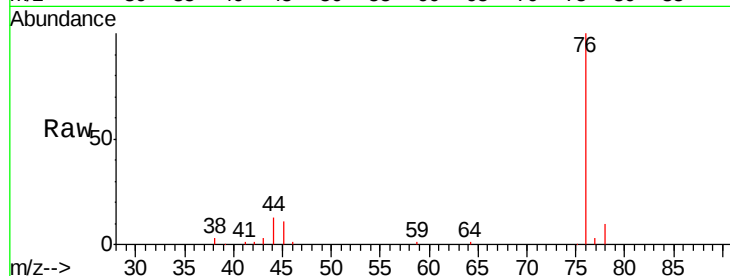
SB-9

Tgt Ion: 76 Resp: 69611

Ion Ratio Lower Upper

76 100

78 10.4 7.9 11.9



Abundance Ion 75.90 (75.60 to 76.60): VY000139.D (-377) (-)

Ion 77.90 (77.60 to 78.60): VY000139.D (-377) (-)

4.21

20000

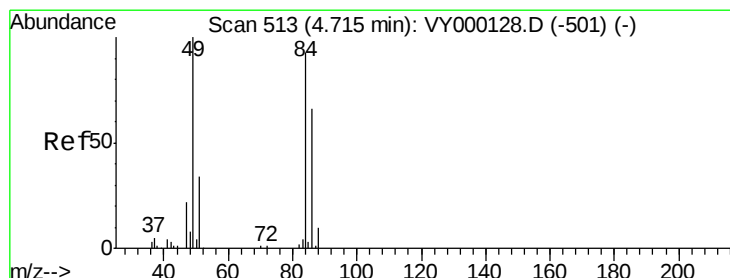
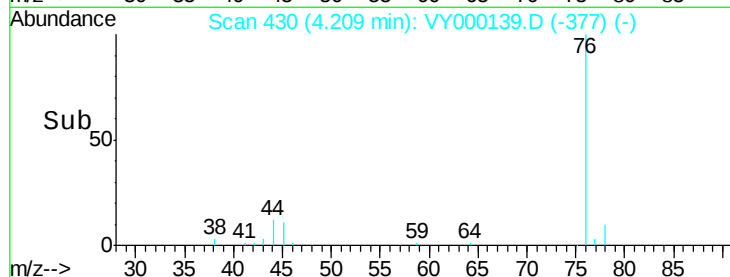
15000

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 5.113 ug/l

RT: 4.73 min Scan# 515

Delta R.T. 0.01 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Tgt Ion: 84 Resp: 6444

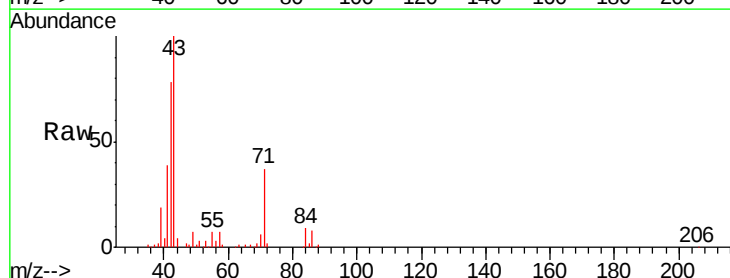
Ion Ratio Lower Upper

84 100

49 85.3 85.8 128.6#

51 34.3 29.2 43.8

86 78.1 56.8 85.2



Abundance Ion 83.90 (83.60 to 84.60): VY000139.D (-464) (-)

Ion 48.90 (48.60 to 49.60): VY000139.D (-464) (-)

Ion 50.90 (50.60 to 51.60): VY000139.D (-464) (-)

Ion 85.90 (85.60 to 86.60): VY000139.D (-464) (-)

8000

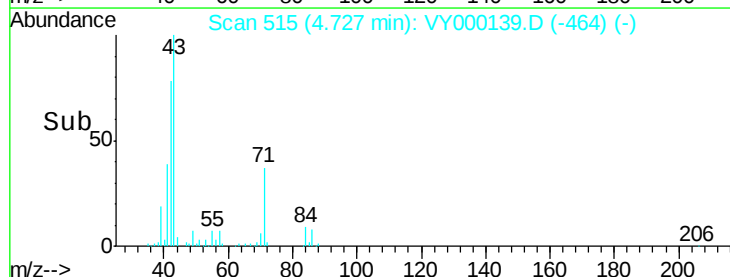
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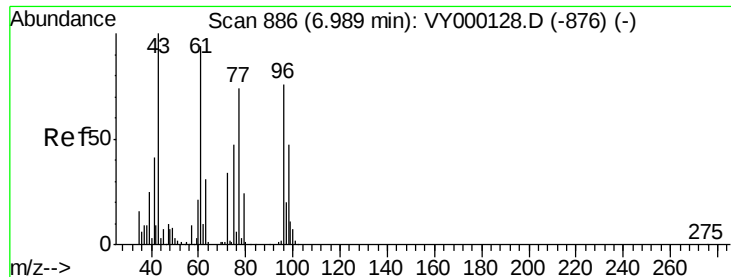
4000

2000

0

Time-->





#25

2-Butanone

Concen: 179.677 ug/l

RT: 7.01 min Scan# 890

Delta R.T. 0.02 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

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ClientSampled :

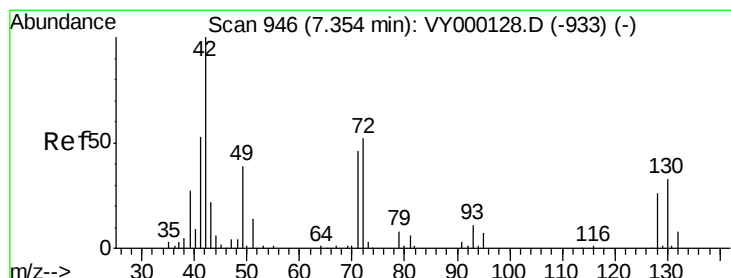
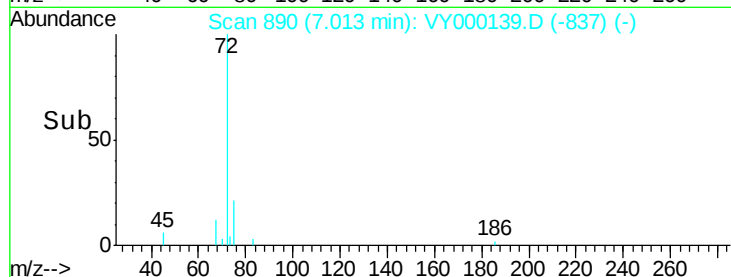
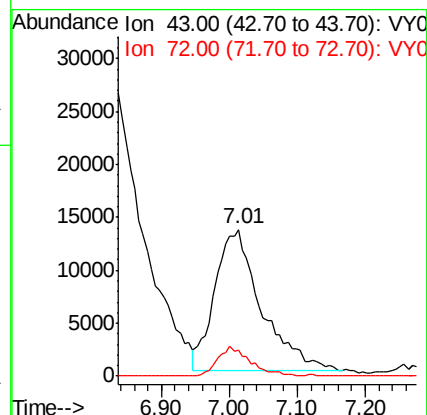
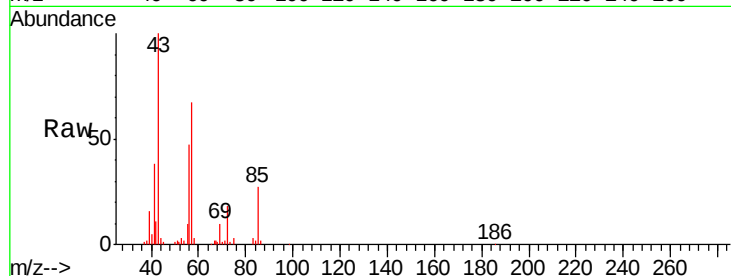
SB-9

Tgt Ion: 43 Resp: 62520

Ion Ratio Lower Upper

43 100

72 18.8 27.0 40.6#



#29

Tetrahydrofuran

Concen: 1.188 ug/l

RT: 7.37 min Scan# 949

Delta R.T. 0.02 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

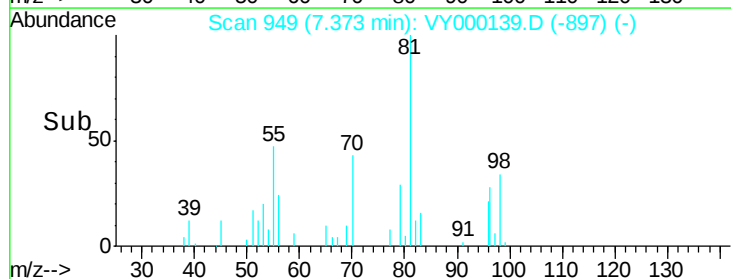
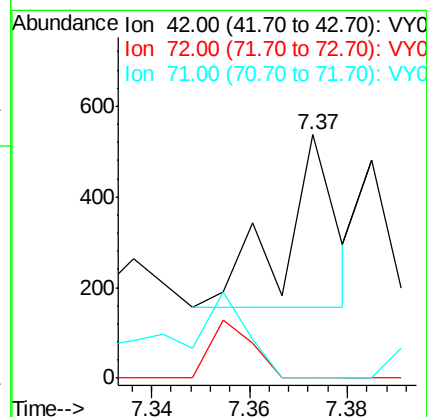
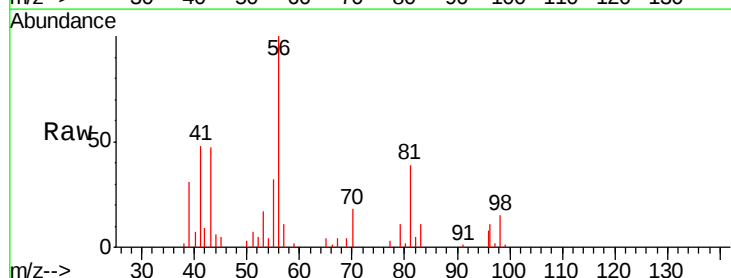
Tgt Ion: 42 Resp: 280

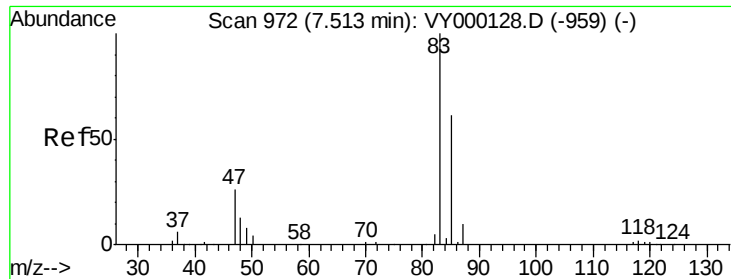
Ion Ratio Lower Upper

42 100

72 0.0 41.8 62.8#

71 0.0 38.6 58.0#

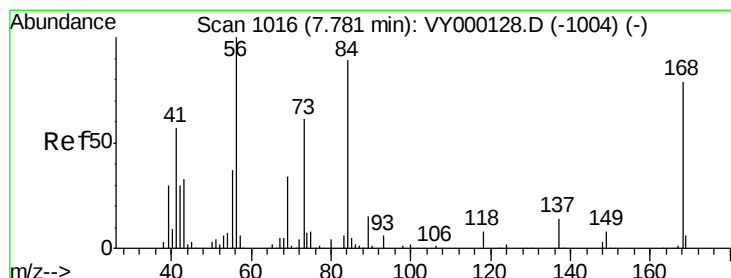
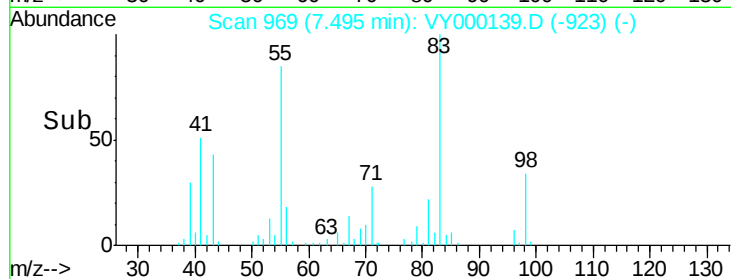
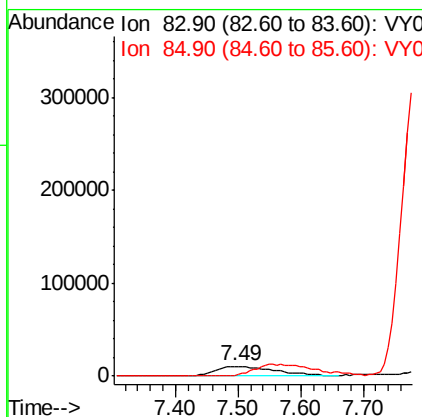
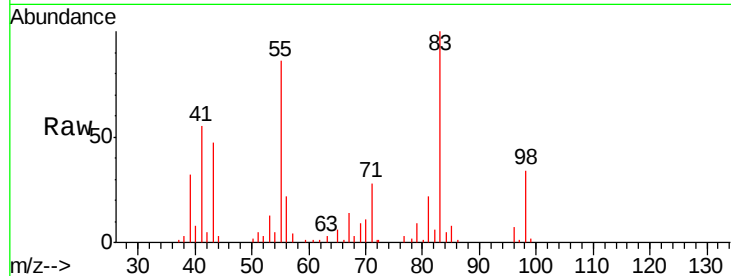




#30
Chloroform
Concen: 35.926 ug/l
RT: 7.49 min Scan# 969
Delta R.T. -0.02 min
Lab File: VY000139.D
Acq: 23 Sep 2019 18:30

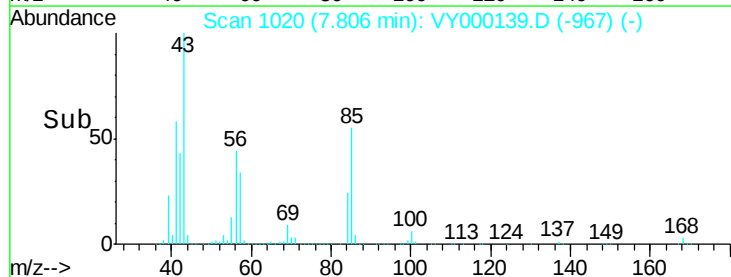
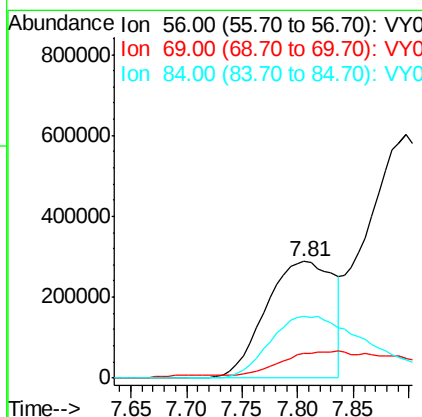
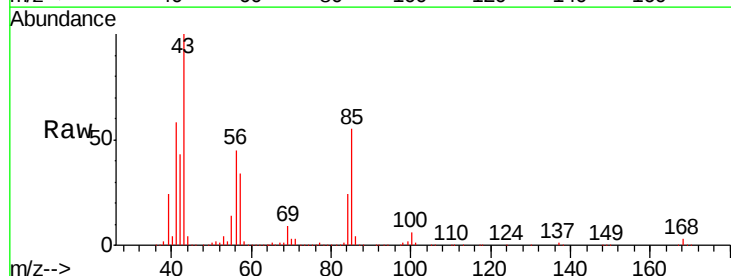
Instrument :
MSVOA_Y
ClientSampled :
SB-9

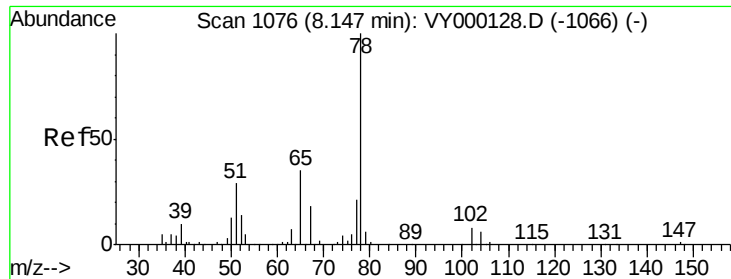
Tgt Ion: 83 Resp: 65451
Ion Ratio Lower Upper
83 100
85 8.4 49.0 73.6#



#31
Cyclohexane
Concen: 647.664 ug/l
RT: 7.81 min Scan# 1020
Delta R.T. 0.02 min
Lab File: VY000139.D
Acq: 23 Sep 2019 18:30

Tgt Ion: 56 Resp: 1215335
Ion Ratio Lower Upper
56 100
69 18.6 27.1 40.7#
84 53.2 71.3 106.9#

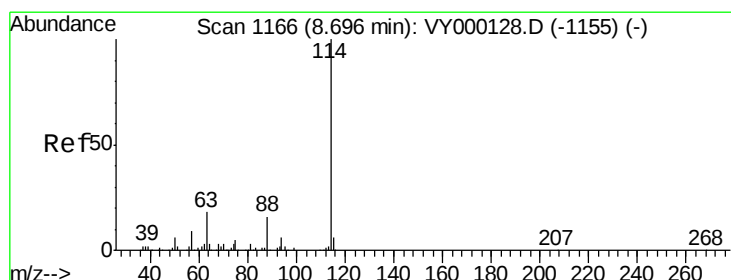
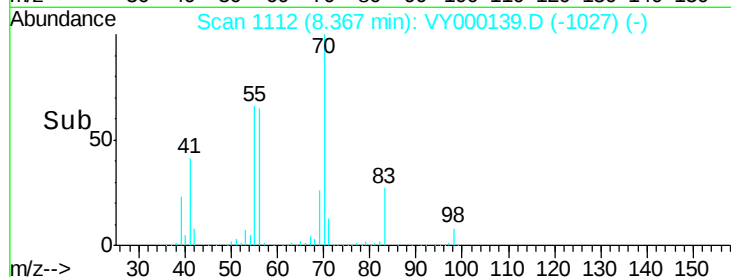
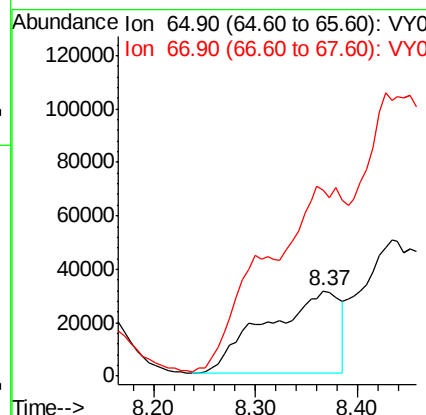
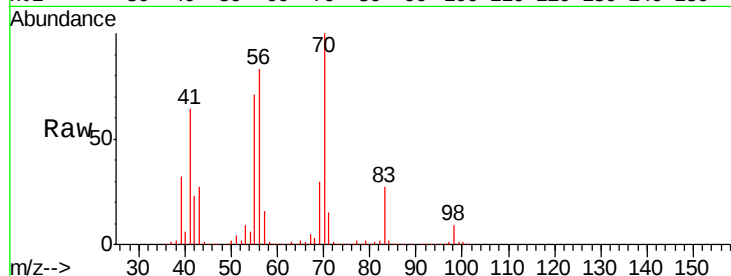




#33
 1,2-Dichloroethane-d4
 Concen: 159.997 ug/l
 RT: 8.37 min Scan# 1112
 Delta R.T. 0.22 min
 Lab File: VY000139.D
 Acq: 23 Sep 2019 18:30

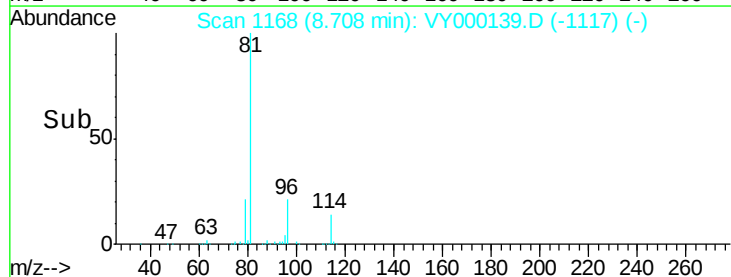
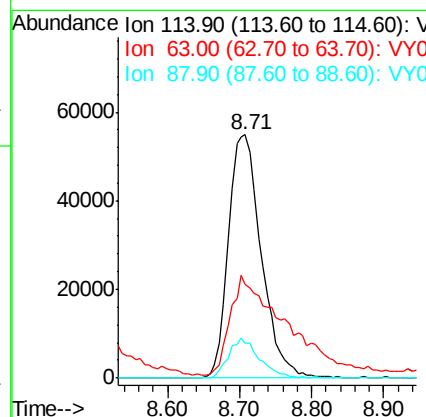
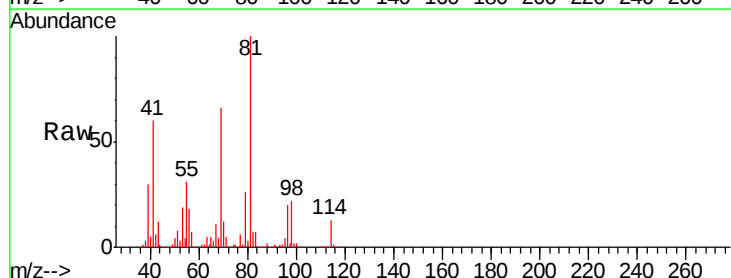
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-9

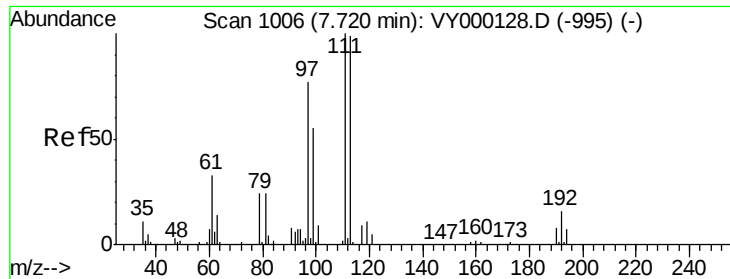
Tgt Ion: 65 Resp: 154359
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: VY000139.D
 Acq: 23 Sep 2019 18:30

Tgt Ion: 114 Resp: 174366
 Ion Ratio Lower Upper
 114 100
 63 37.2 0.0 35.6#
 88 14.2 0.0 31.8

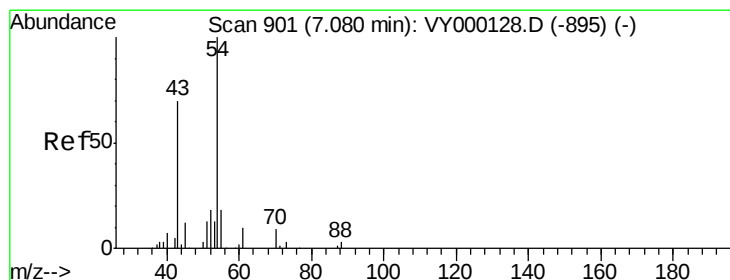
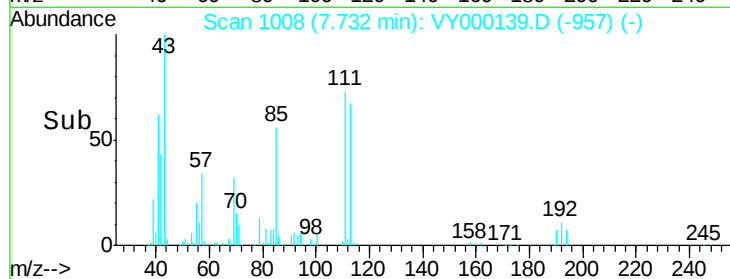
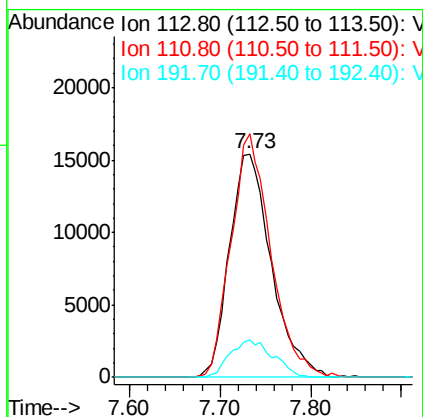
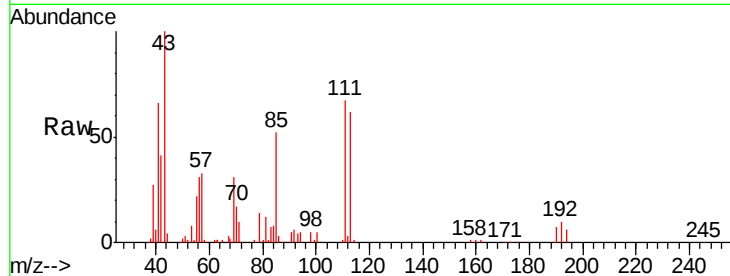




#35
 Dibromofluoromethane
 Concen: 49.265 ug/l
 RT: 7.73 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: VY000139.D
 Acq: 23 Sep 2019 18:30

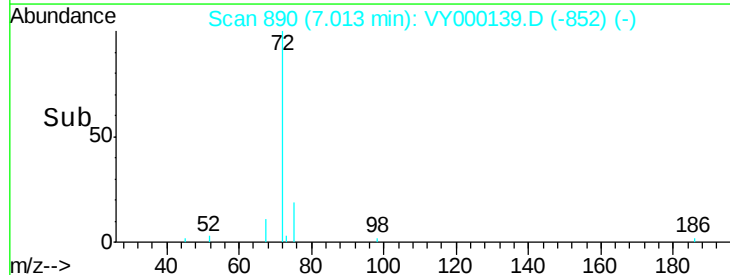
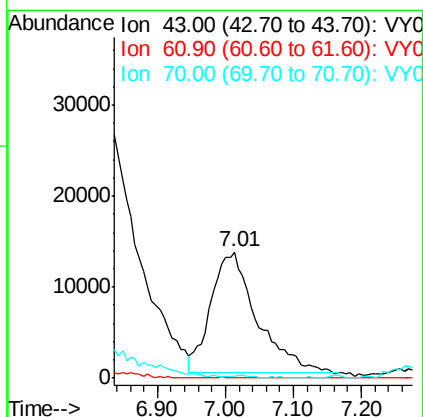
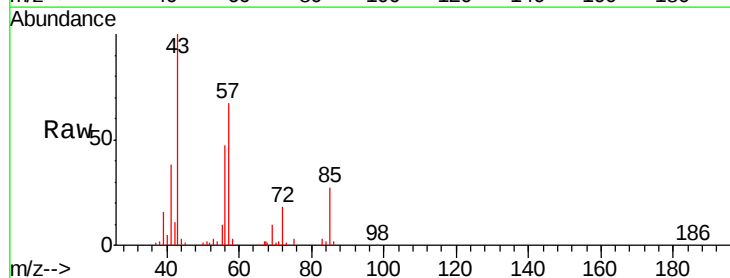
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9

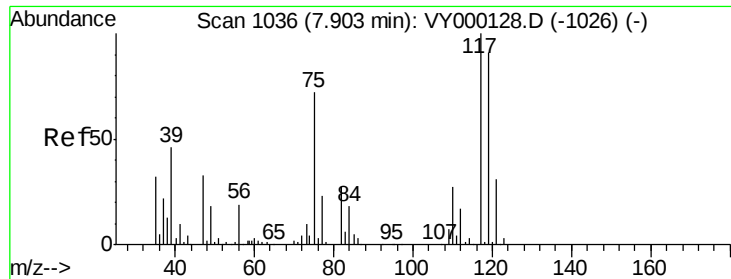
Tgt Ion: 113 Resp: 49324
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.0 124.4
 192 17.3 13.5 20.3



#37
 Ethyl Acetate
 Concen: 73.327 ug/l
 RT: 7.01 min Scan# 890
 Delta R.T. -0.07 min
 Lab File: VY000139.D
 Acq: 23 Sep 2019 18:30

Tgt Ion: 43 Resp: 62520
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.9 10.0 15.0#





#38

Carbon Tetrachloride

Concen: 6.567 ug/l

RT: 7.81 min Scan# 1020

Delta R.T. -0.10 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampled :

SB-9

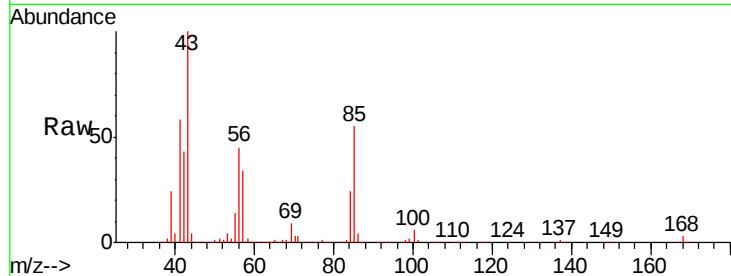
Tgt Ion:117 Resp: 9100

Ion Ratio Lower Upper

117 100

119 0.0 72.6 108.8#

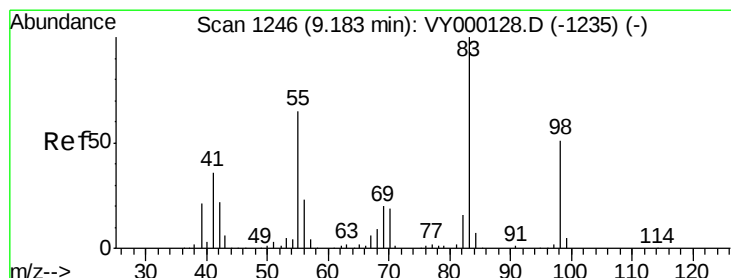
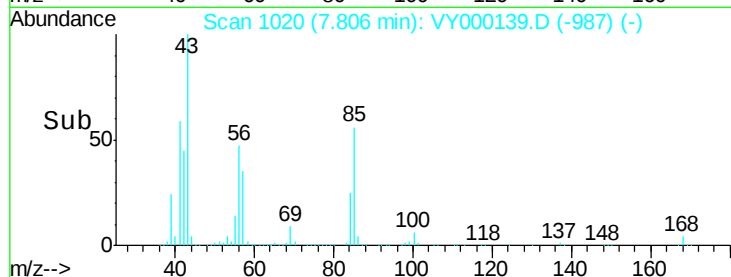
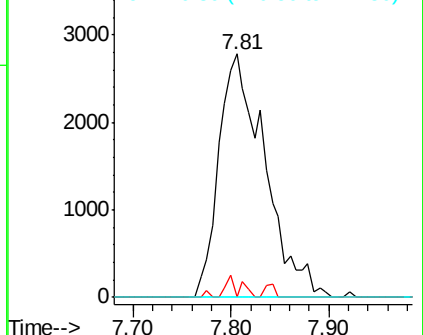
121 0.0 24.3 36.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 13619.830 ug/l

RT: 9.21 min Scan# 1251

Delta R.T. 0.03 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

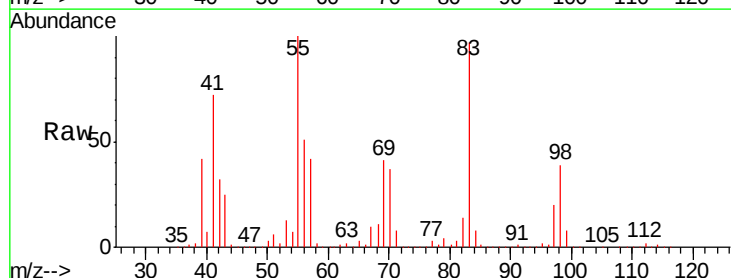
Tgt Ion: 83 Resp:30242909

Ion Ratio Lower Upper

83 100

55 102.2 52.3 78.5#

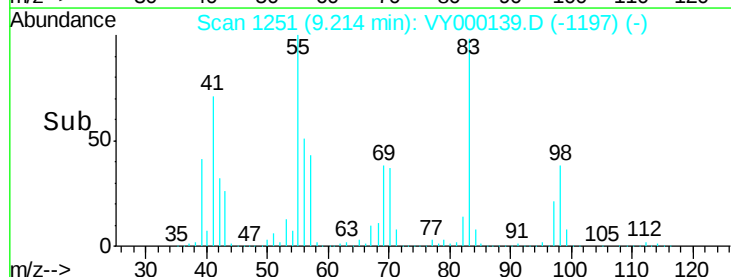
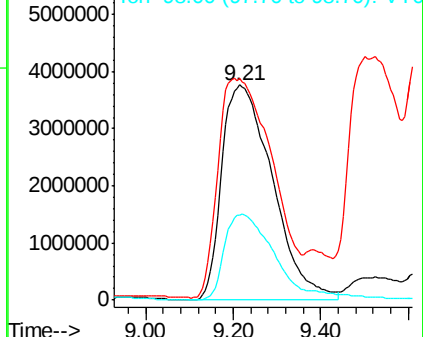
98 39.7 40.6 61.0#

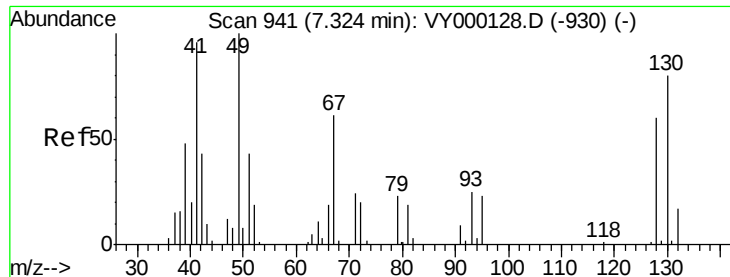


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#41

Methacrylonitrile

Concen: 18.252 ug/l

RT: 7.38 min Scan# 951

Delta R.T. 0.06 min

Lab File: VY000139.D

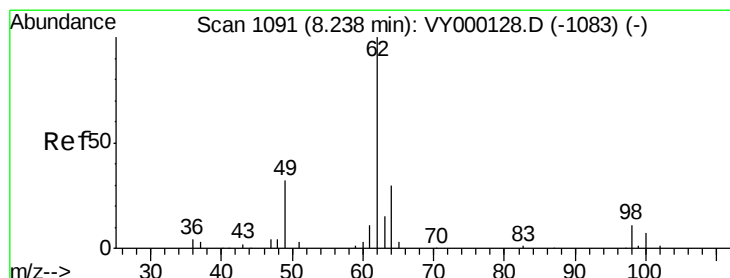
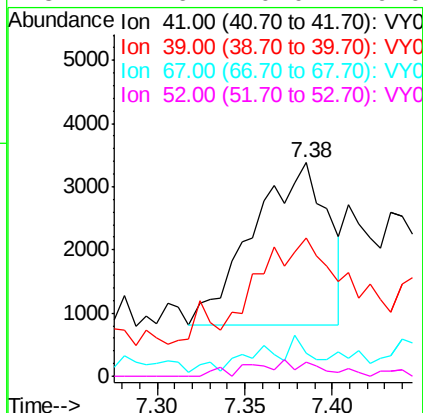
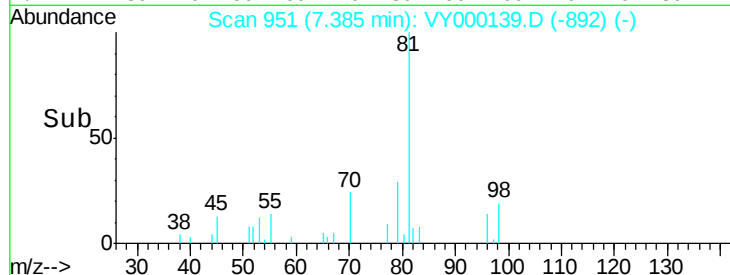
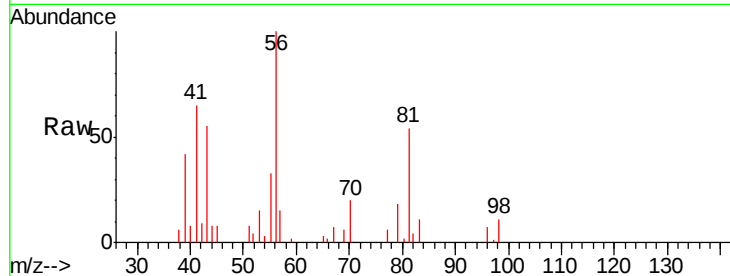
Acq: 23 Sep 2019 18:30

Instrument :
MSVOA_Y
ClientSampled :
SB-9

Tgt Ion: 41 Resp: 7662

Ion Ratio Lower Upper

41	100		
39	63.3	53.4	80.0
67	0.0	0.0	0.0
52	2.6	0.0	0.0#



#42

1,2-Dichloroethane

Concen: 10.609 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.07 min

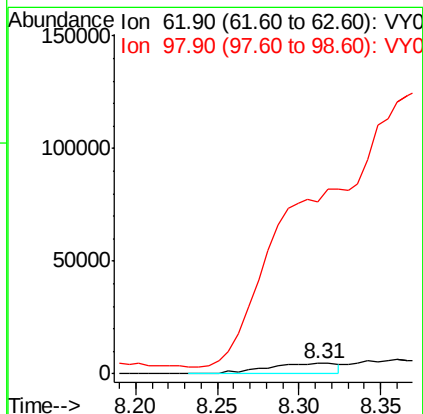
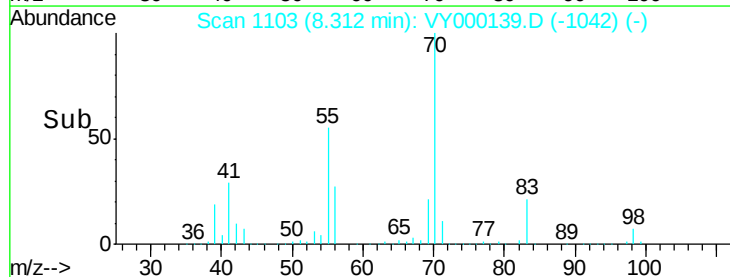
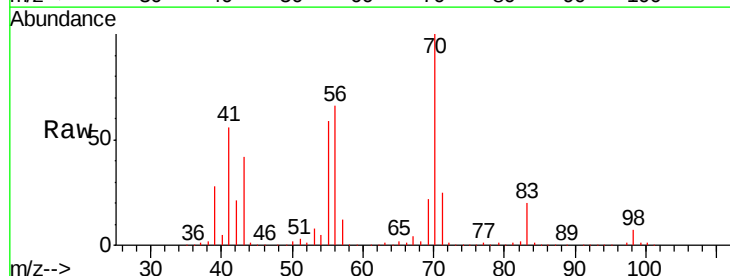
Lab File: VY000139.D

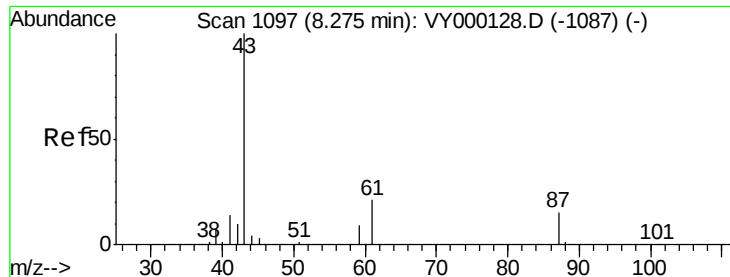
Acq: 23 Sep 2019 18:30

Tgt Ion: 62 Resp: 13481

Ion Ratio Lower Upper

62	100		
98	0.0	0.0	22.4





#43

Isopropyl Acetate

Concen: 1847.072 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.03 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampled :

SB-9

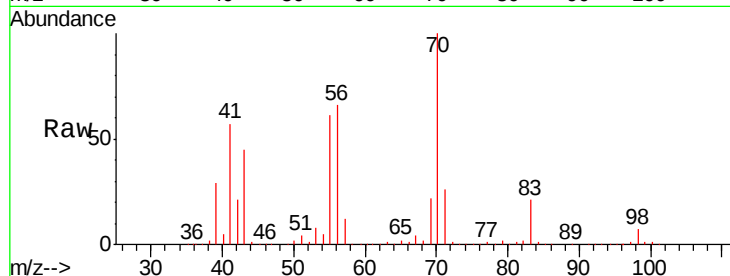
Tgt Ion: 43 Resp: 3150043

Ion Ratio Lower Upper

43 100

61 0.1 24.6 37.0#

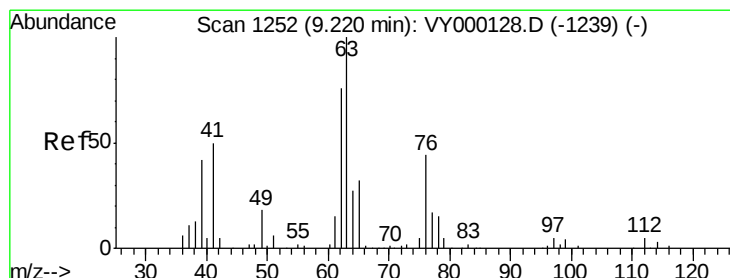
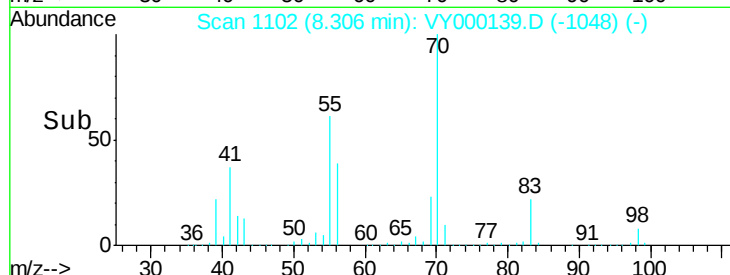
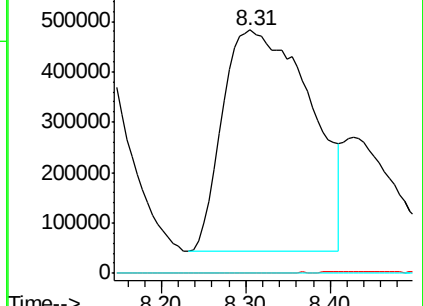
87 0.0 12.5 18.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#45

1,2-Dichloropropane

Concen: 407.421 ug/l

RT: 9.20 min Scan# 1249

Delta R.T. -0.02 min

Lab File: VY000139.D

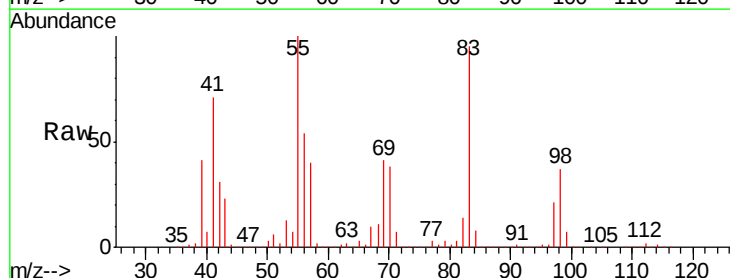
Acq: 23 Sep 2019 18:30

Tgt Ion: 63 Resp: 490347

Ion Ratio Lower Upper

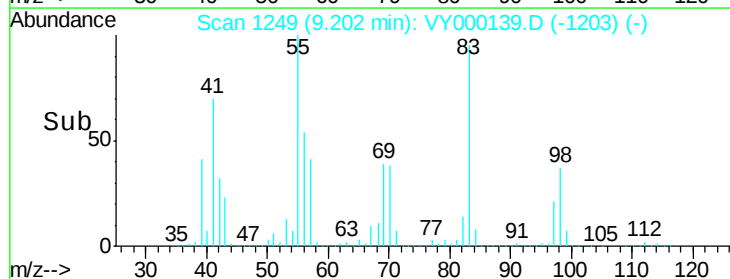
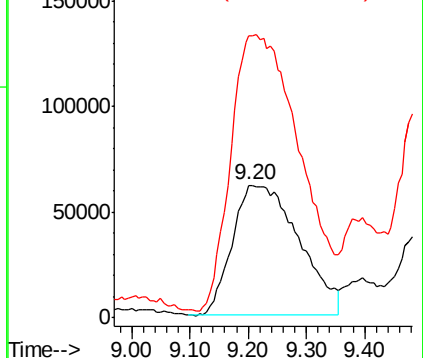
63 100

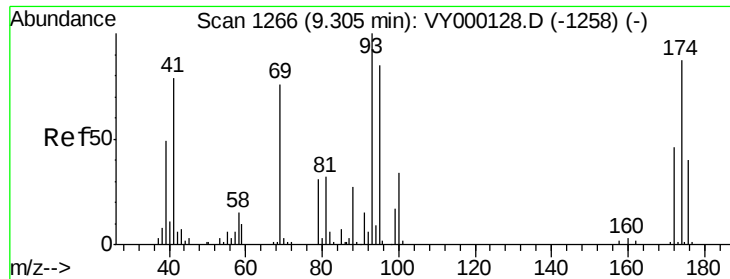
65 210.7 25.4 38.2#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0





#46

Dibromomethane

Concen: 42.559 ug/l

RT: 9.21 min Scan# 1250

Delta R.T. -0.10 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-9

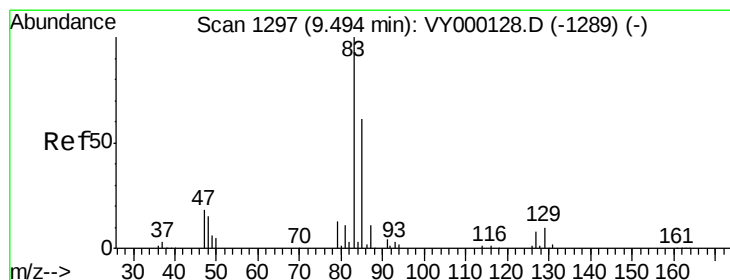
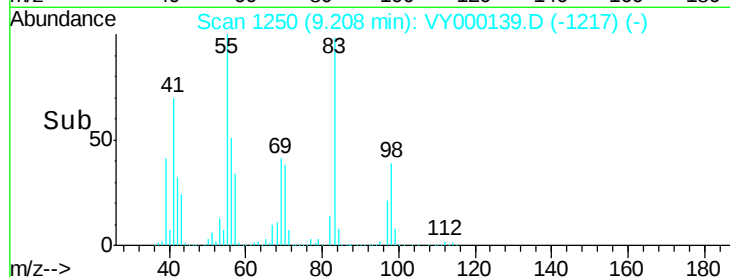
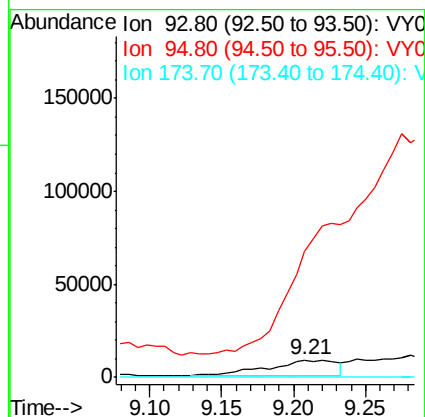
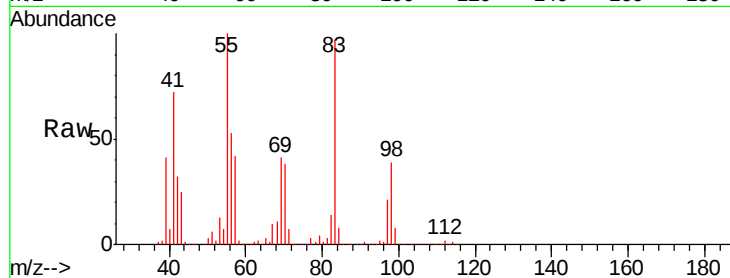
Tgt Ion: 93 Resp: 28486

Ion Ratio Lower Upper

93 100

95 0.0 68.6 103.0#

174 0.0 69.4 104.0#



#47

Bromodichloromethane

Concen: 1144.050 ug/l

RT: 9.52 min Scan# 1302

Delta R.T. 0.03 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

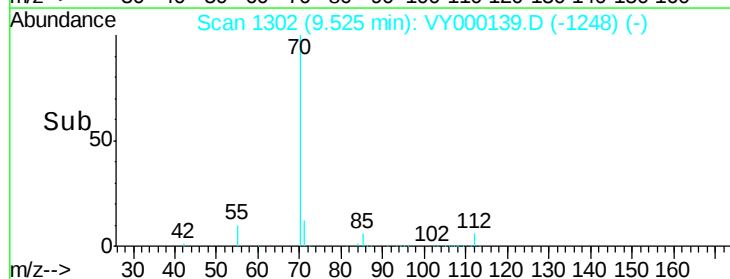
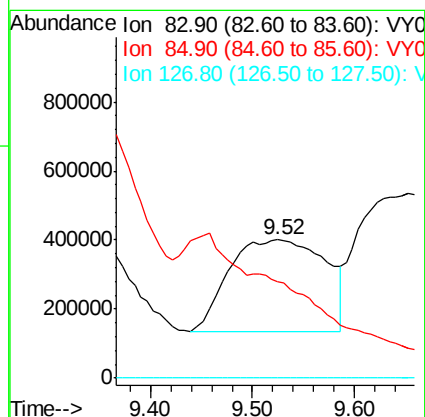
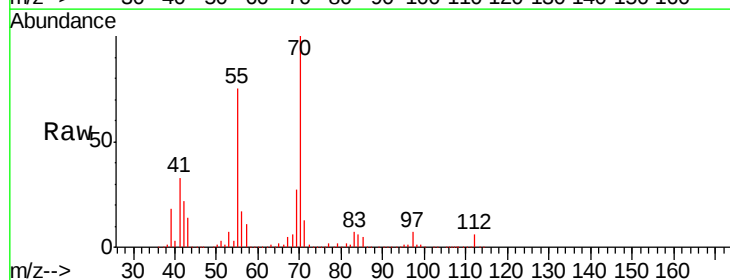
Tgt Ion: 83 Resp: 1753295

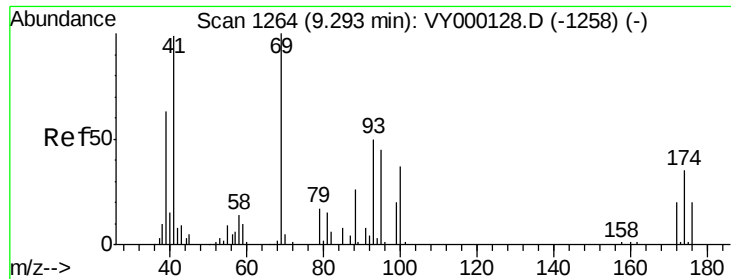
Ion Ratio Lower Upper

83 100

85 47.2 48.6 73.0#

127 0.0 6.2 9.4#

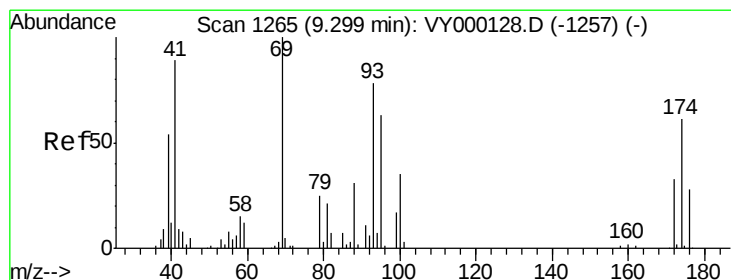
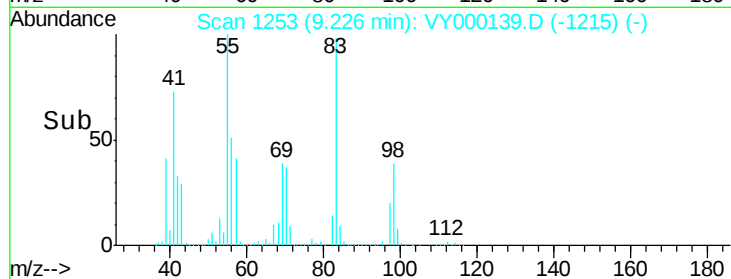
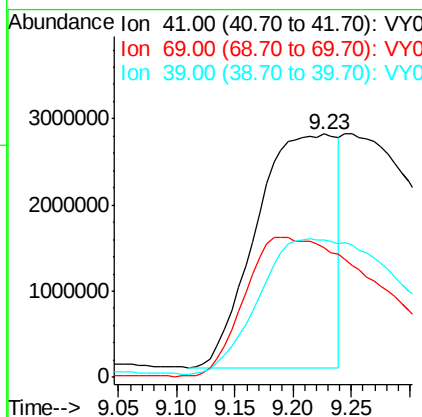
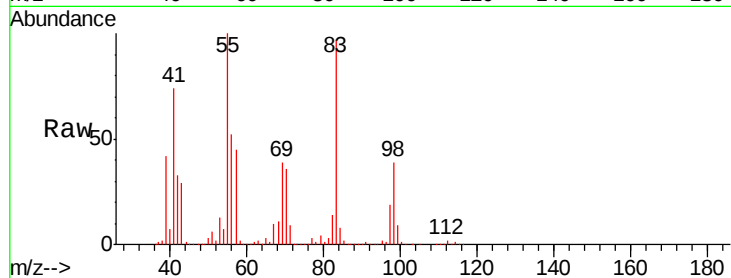




#48
Methyl methacrylate
Concen: 17693.155 ug/l
RT: 9.23 min Scan# 1253
Delta R.T. -0.07 min
Lab File: VY000139.D
Acq: 23 Sep 2019 18:30

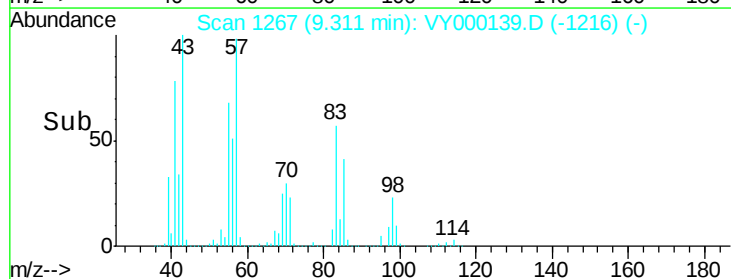
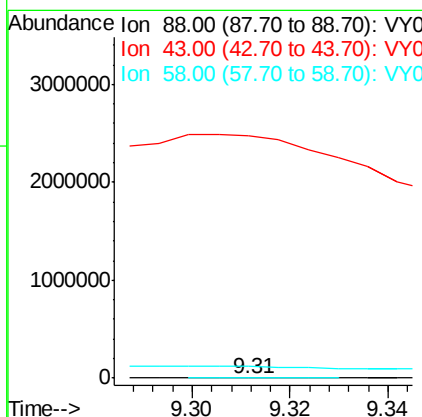
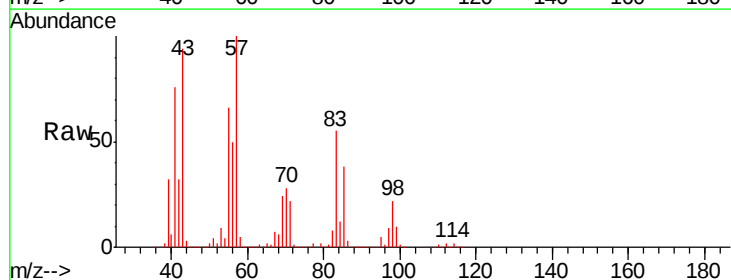
Instrument :
MSVOA_Y
ClientSampled :
SB-9

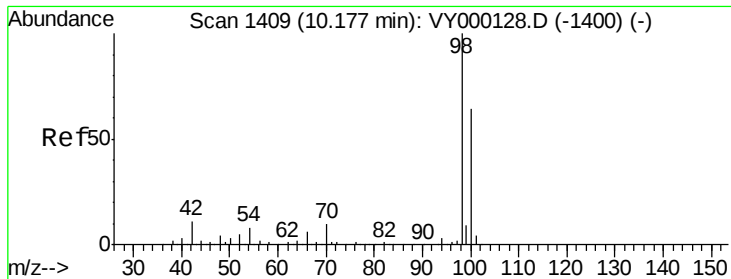
Tgt Ion: 41 Resp:12894522
Ion Ratio Lower Upper
41 100
69 0.0 81.0 121.6#
39 109.3 53.2 79.8#



#49
1,4-Dioxane
Concen: 12.019 ug/l
RT: 9.31 min Scan# 1267
Delta R.T. 0.01 min
Lab File: VY000139.D
Acq: 23 Sep 2019 18:30

Tgt Ion: 88 Resp: 127
Ion Ratio Lower Upper
88 100
43 17975265.4 22.6 33.8#
58 835526.8 42.5 63.7#





#50

Toluene-d8

Concen: 2139.262 ug/l

RT: 10.29 min Scan# 1428

Delta R.T. 0.12 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampled :

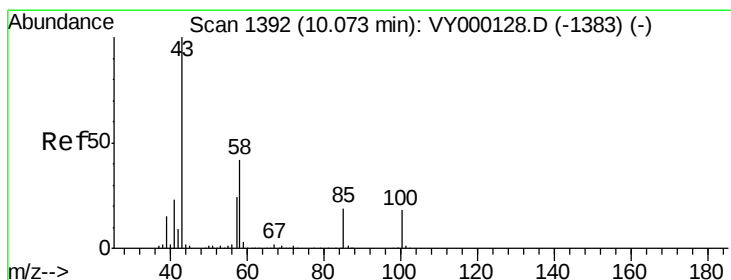
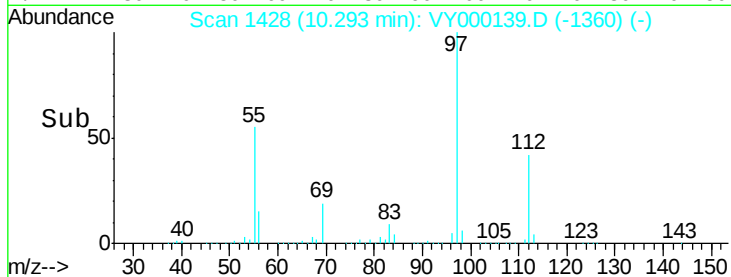
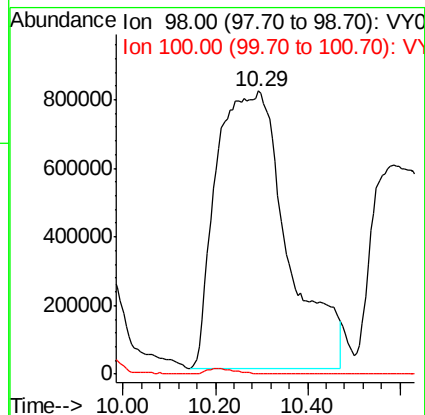
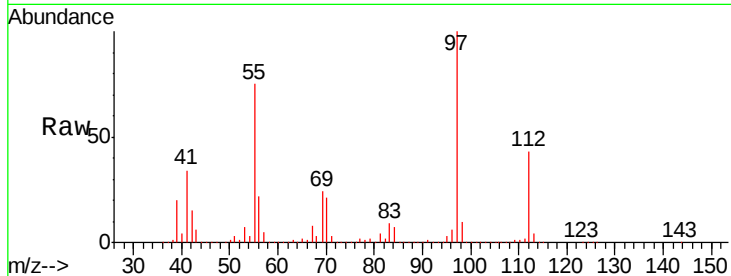
SB-9

Tgt Ion: 98 Resp: 8622415

Ion Ratio Lower Upper

98 100

100 0.0 52.7 79.1#



#51

4-Methyl-2-Pentanone

Concen: 848.499 ug/l

RT: 10.24 min Scan# 1419

Delta R.T. 0.16 min

Lab File: VY000139.D

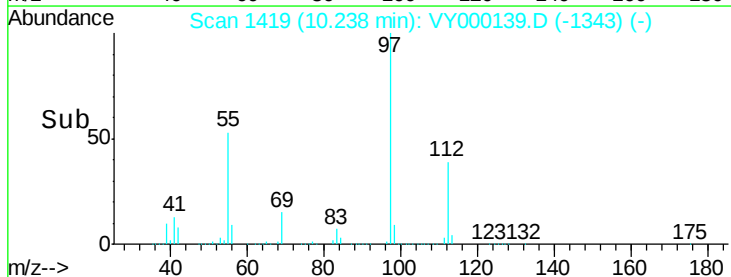
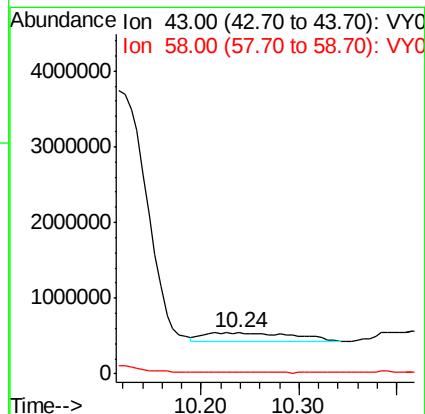
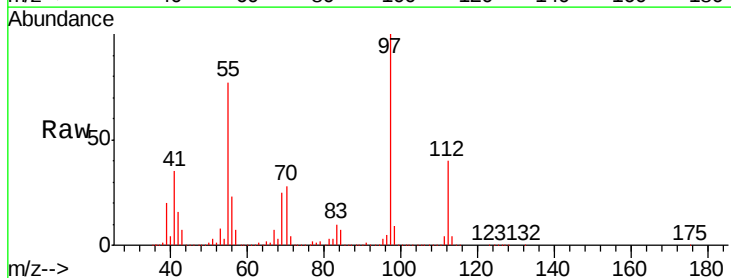
Acq: 23 Sep 2019 18:30

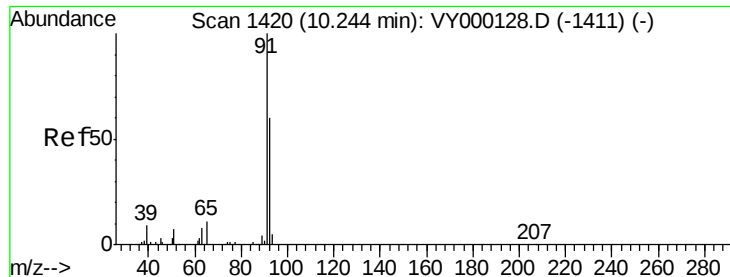
Tgt Ion: 43 Resp: 737372

Ion Ratio Lower Upper

43 100

58 0.0 33.0 49.6#





#52

Toluene

Concen: 4.233 ug/l

RT: 10.28 min Scan# 1426

Delta R.T. 0.04 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampled :

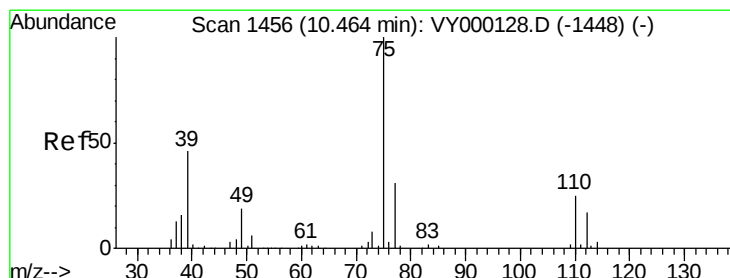
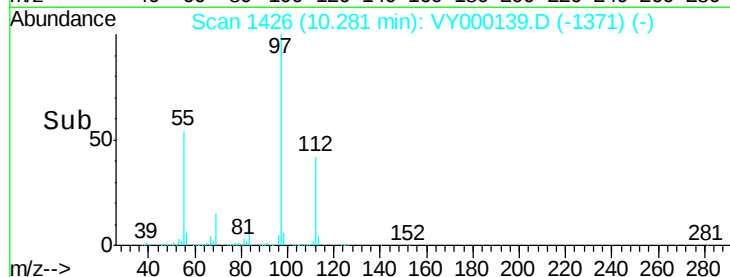
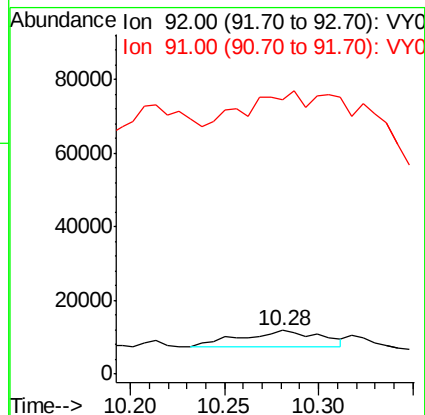
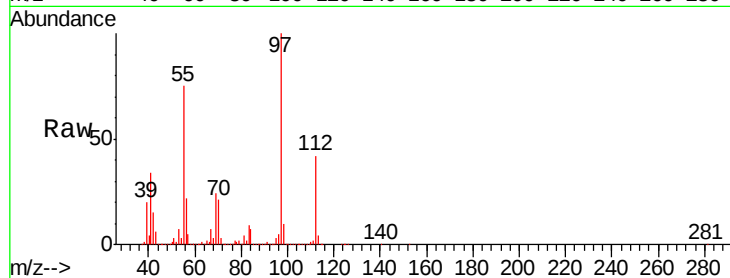
SB-9

Tgt Ion: 92 Resp: 13034

Ion Ratio Lower Upper

92 100

91 0.0 135.7 203.5#



#53

t-1,3-Dichloropropene

Concen: 1.875 ug/l

RT: 10.47 min Scan# 1457

Delta R.T. 0.01 min

Lab File: VY000139.D

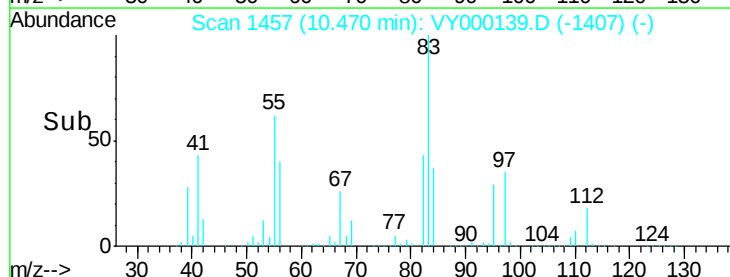
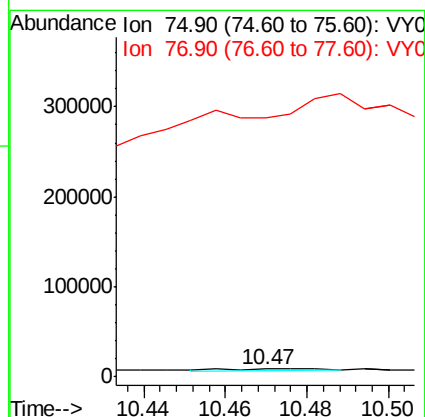
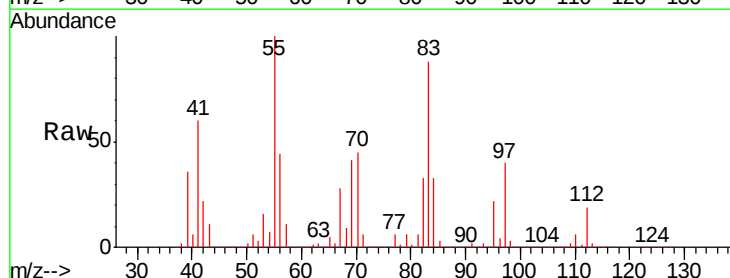
Acq: 23 Sep 2019 18:30

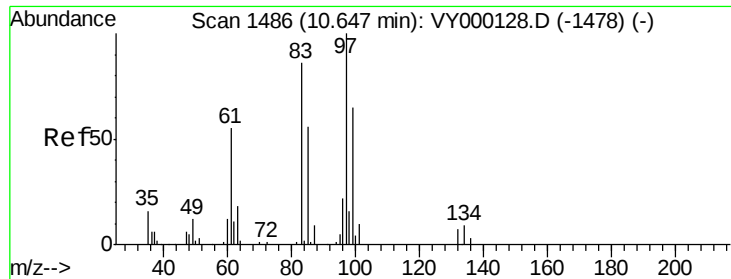
Tgt Ion: 75 Resp: 3133

Ion Ratio Lower Upper

75 100

77 135.5 24.9 37.3#





#55

1,1,2-Trichloroethane

Concen: 50438.007 ug/l

RT: 10.63 min Scan# 1484

Delta R.T. -0.01 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampled :

SB-9

Tgt Ion: 97 Resp:48345862

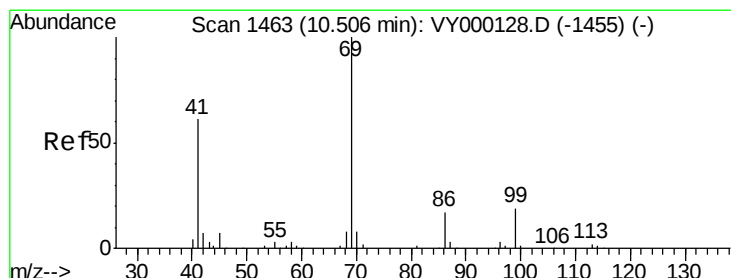
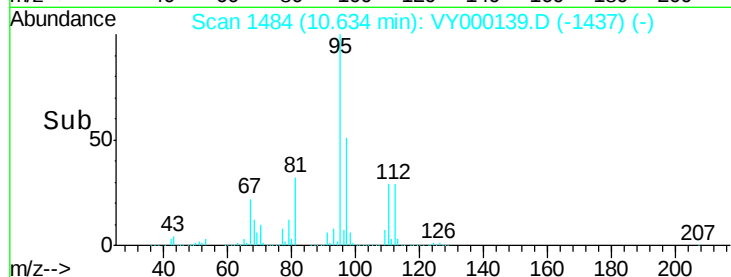
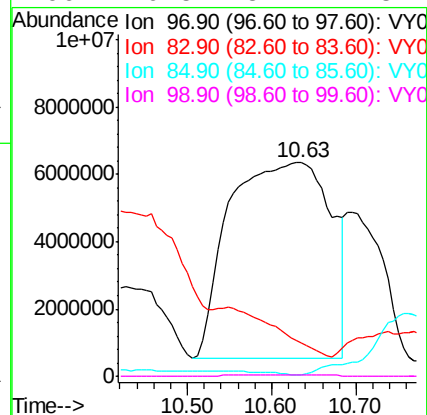
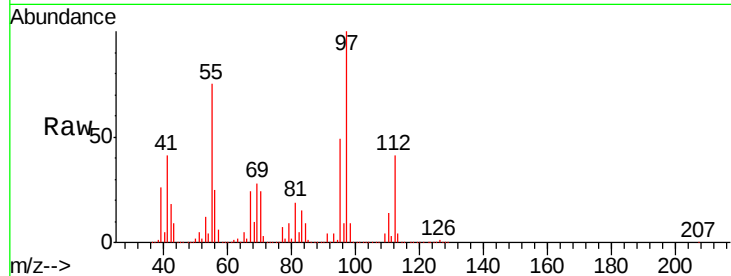
Ion Ratio Lower Upper

97 100

83 2.5 68.8 103.2#

85 0.0 44.9 67.3#

99 0.5 52.1 78.1#



#56

Ethyl methacrylate

Concen: 2205.126 ug/l

RT: 10.54 min Scan# 1468

Delta R.T. 0.03 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

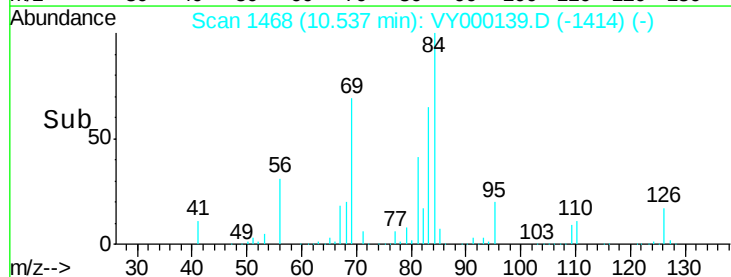
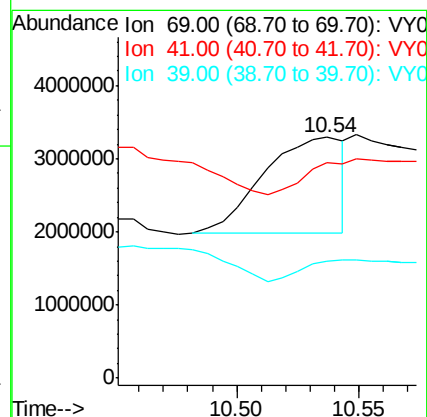
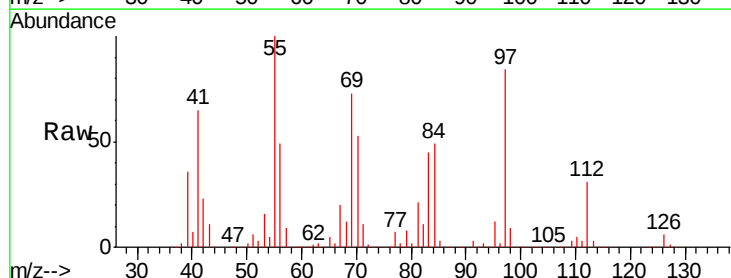
Tgt Ion: 69 Resp: 2977278

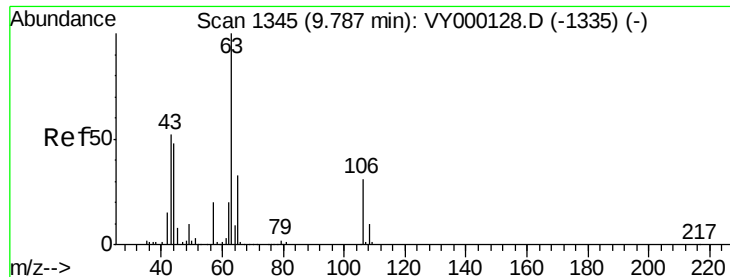
Ion Ratio Lower Upper

69 100

41 46.9 47.9 71.9#

39 28.7 27.4 41.0

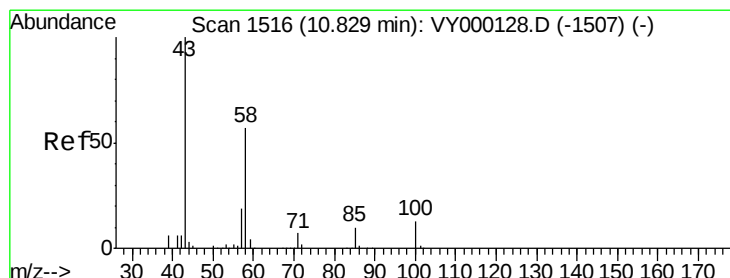
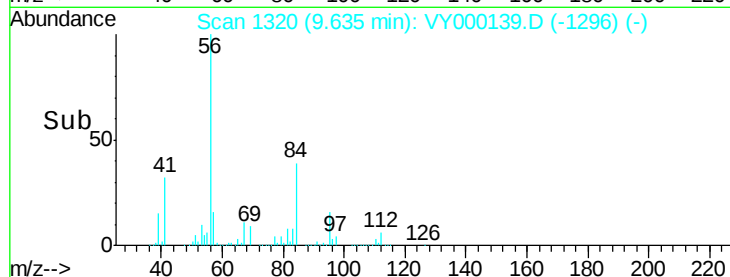
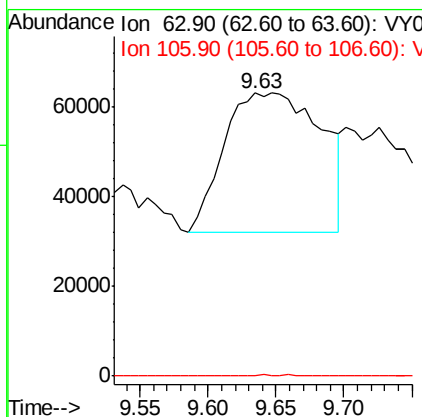
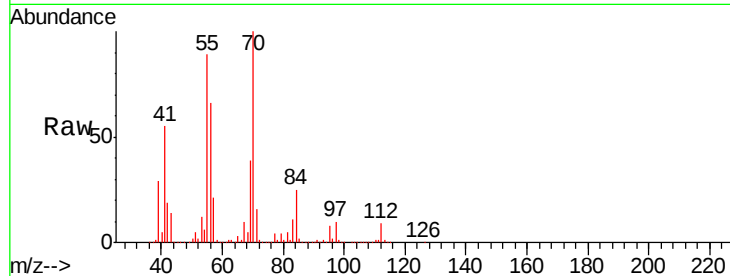




#58
 2-Chloroethyl Vinyl ether
 Concen: 233.049 ug/l
 RT: 9.63 min Scan# 1320
 Delta R.T. -0.15 min
 Lab File: VY000139.D
 Acq: 23 Sep 2019 18:30

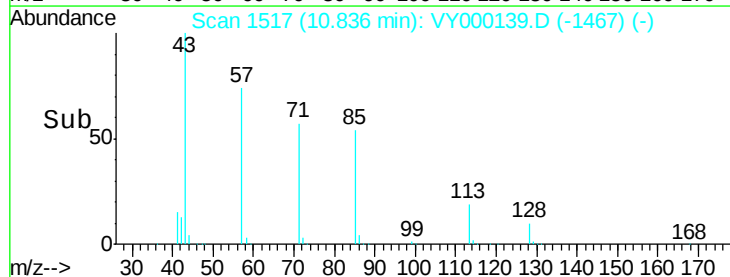
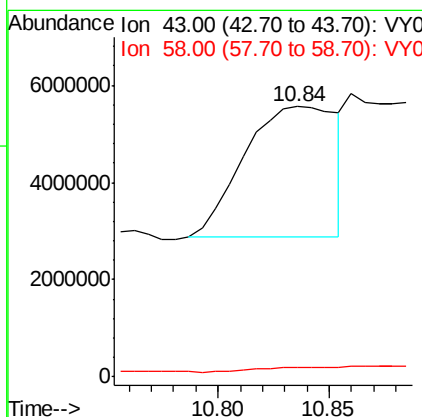
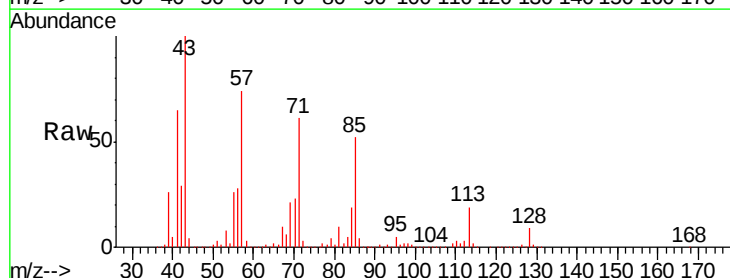
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-9

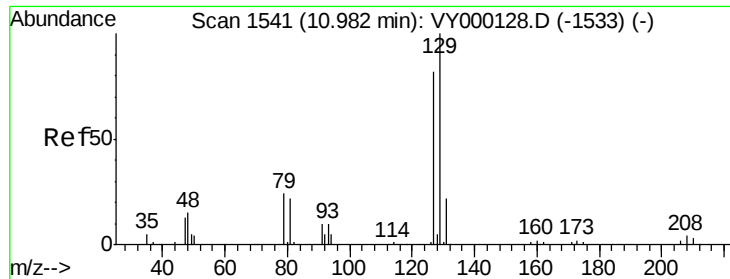
Tgt Ion: 63 Resp: 155344
 Ion Ratio Lower Upper
 63 100
 106 0.2 23.2 34.8#



#59
 2-Hexanone
 Concen: 12742.168 ug/l
 RT: 10.84 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: VY000139.D
 Acq: 23 Sep 2019 18:30

Tgt Ion: 43 Resp: 7756422
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.1 87.3#





#60

Dibromochloromethane

Concen: 66.739 ug/l

RT: 10.99 min Scan# 1543

Delta R.T. 0.01 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampleId :

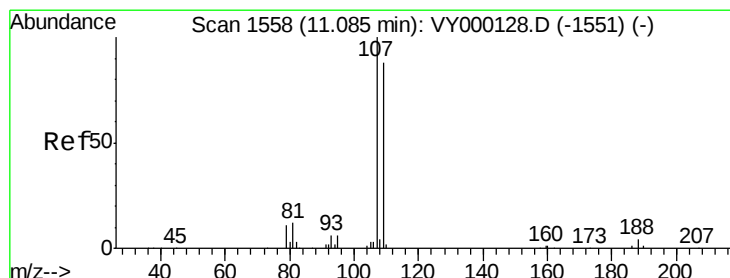
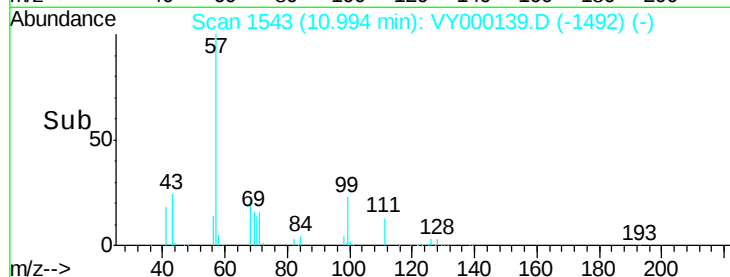
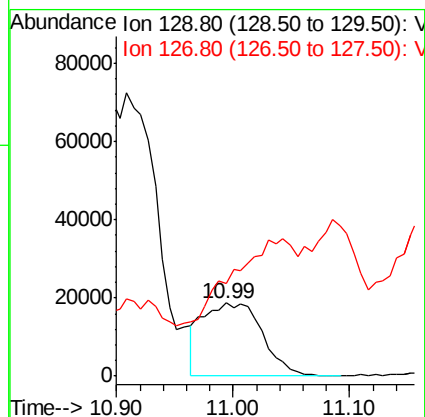
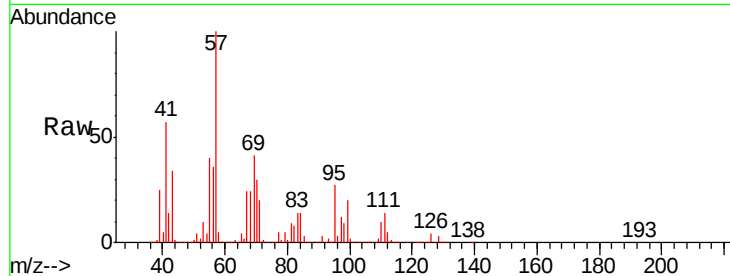
SB-9

Tgt Ion:129 Resp: 66857

Ion Ratio Lower Upper

129 100

127 0.0 37.5 112.3#



#61

1,2-Dibromoethane

Concen: 15.823 ug/l

RT: 11.09 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VY000139.D

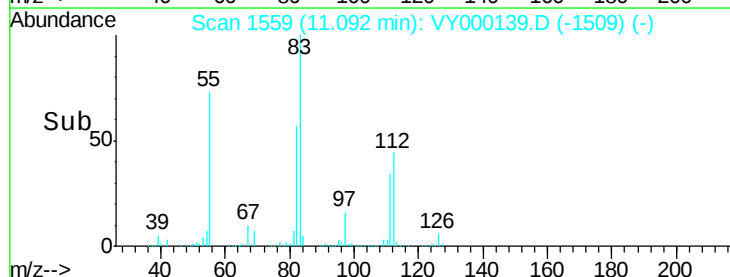
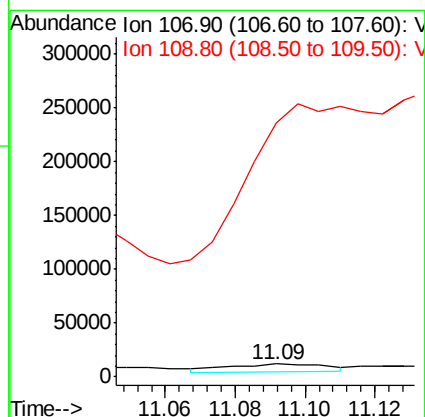
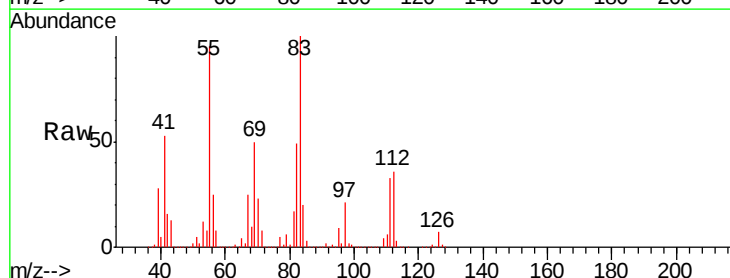
Acq: 23 Sep 2019 18:30

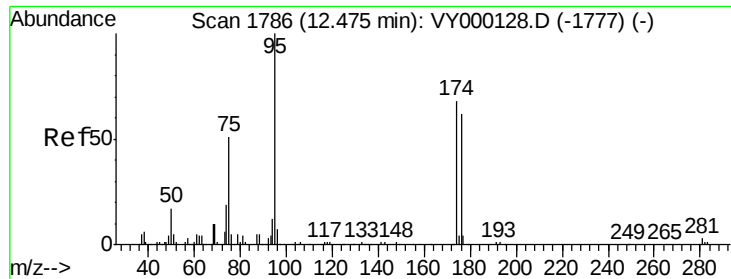
Tgt Ion:107 Resp: 14254

Ion Ratio Lower Upper

107 100

109 2619.4 74.0 111.0#





#62

4-Bromofluorobenzene

Concen: 2011.675 ug/l

RT: 12.46 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-9

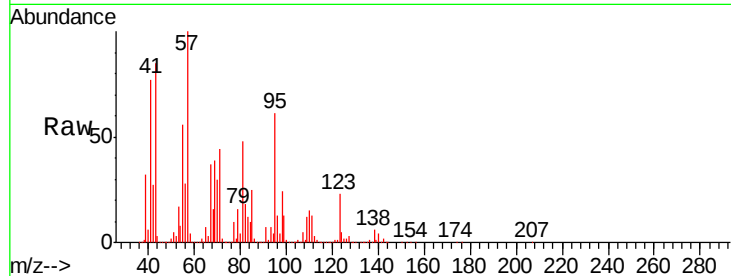
Tgt Ion: 95 Resp: 2982009

Ion Ratio Lower Upper

95 100

174 0.0 0.0 140.8

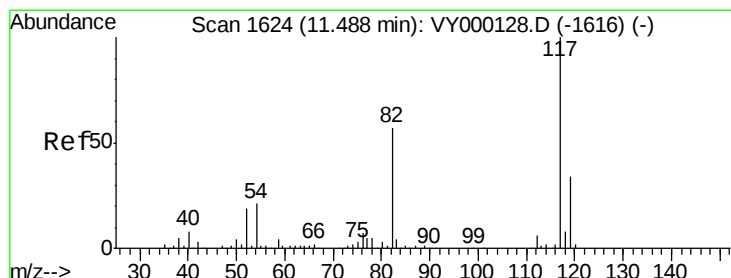
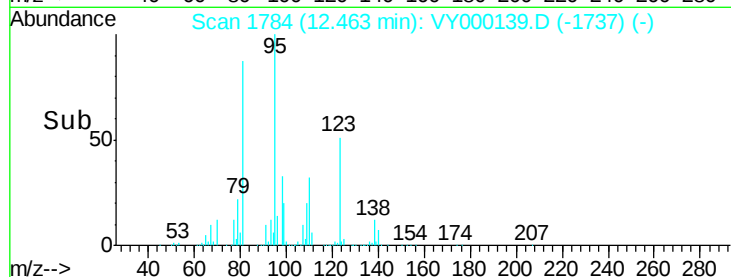
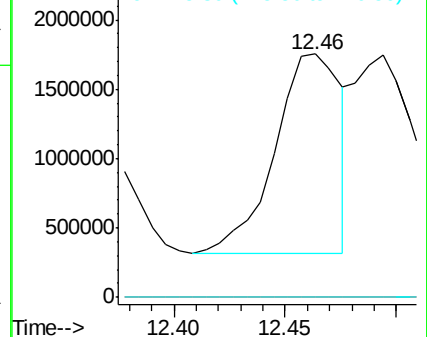
176 0.0 0.0 135.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.52 min Scan# 1630

Delta R.T. 0.04 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

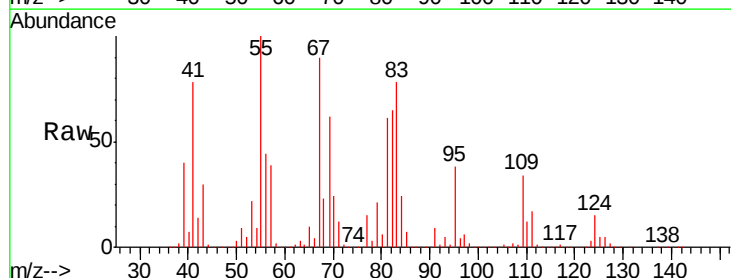
Tgt Ion: 117 Resp: 84677

Ion Ratio Lower Upper

117 100

82 5850.1 45.5 68.3#

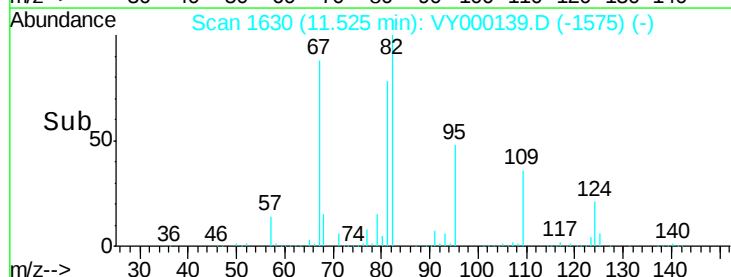
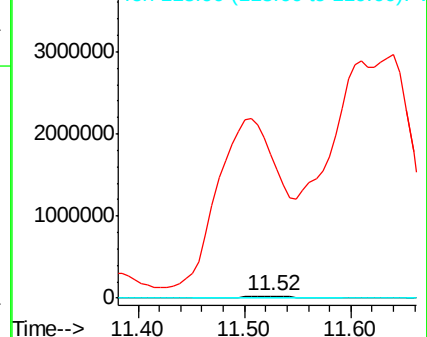
119 35.6 27.3 40.9

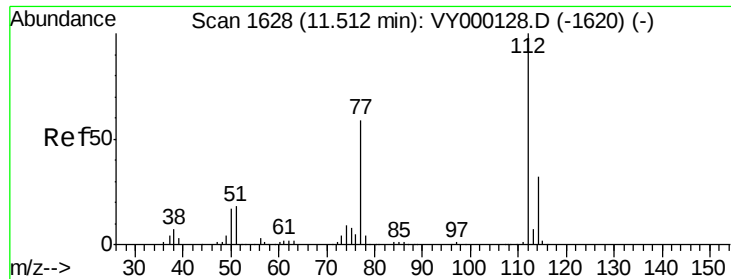


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V

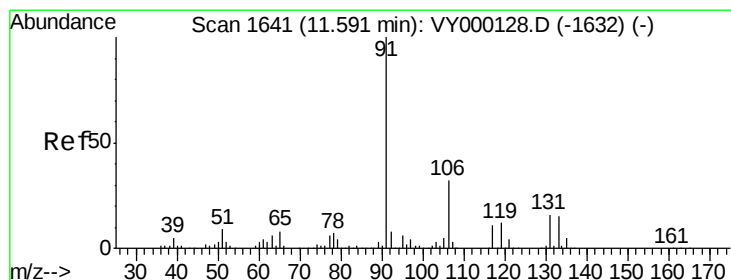
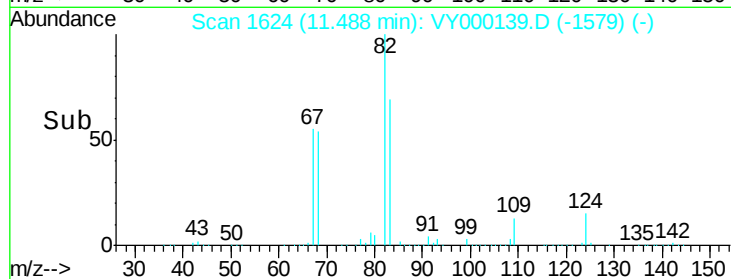
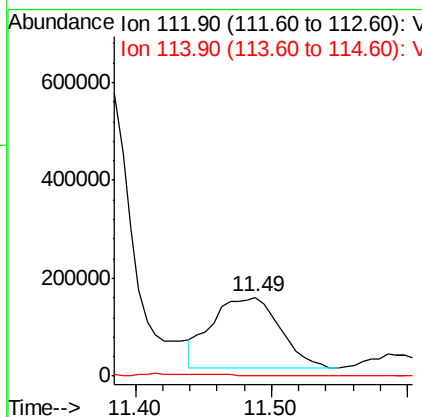
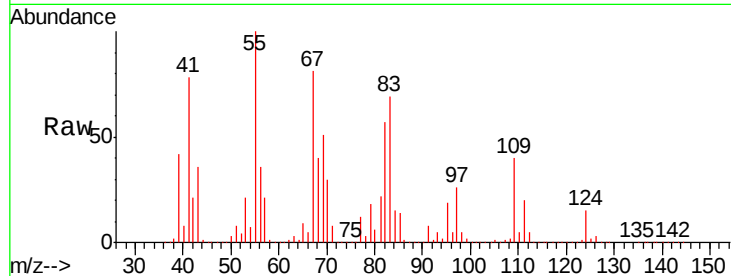




#65
Chlorobenzene
Concen: 294.542 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.02 min
Lab File: VY000139.D
Acq: 23 Sep 2019 18:30

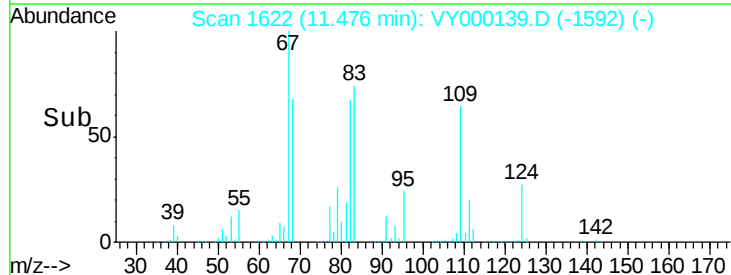
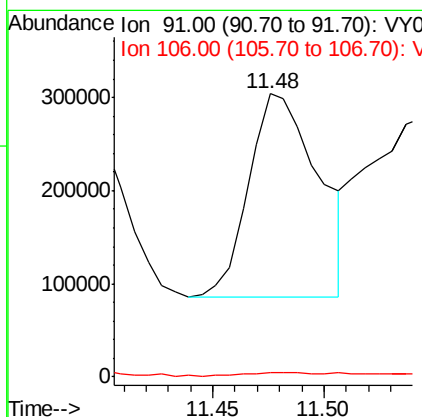
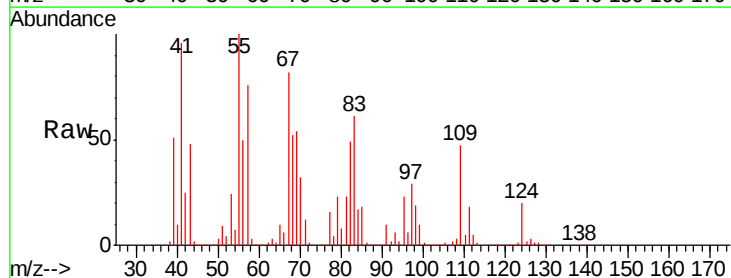
Instrument :
MSVOA_Y
ClientSampleId :
SB-9

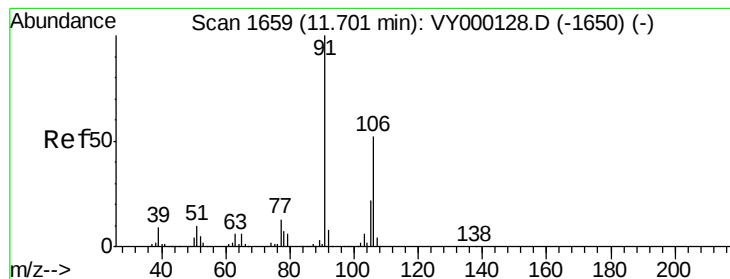
Tgt Ion: 112 Resp: 506303
Ion Ratio Lower Upper
112 100
114 0.2 25.6 38.4#



#67
Ethyl Benzene
Concen: 151.307 ug/l
RT: 11.48 min Scan# 1622
Delta R.T. -0.12 min
Lab File: VY000139.D
Acq: 23 Sep 2019 18:30

Tgt Ion: 91 Resp: 472772
Ion Ratio Lower Upper
91 100
106 1.1 25.6 38.4#





#68

m/p-Xylenes

Concen: 25.474 ug/l

RT: 11.75 min Scan# 1667

Delta R.T. 0.05 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampled :

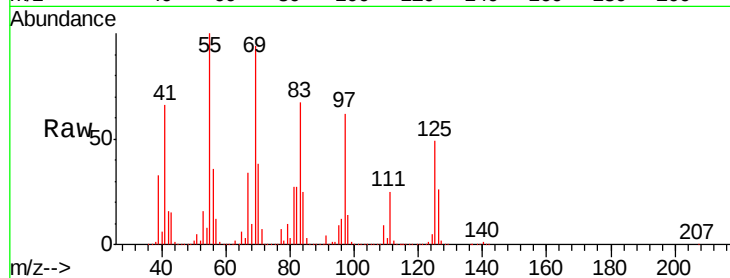
SB-9

Tgt Ion:106 Resp: 30694

Ion Ratio Lower Upper

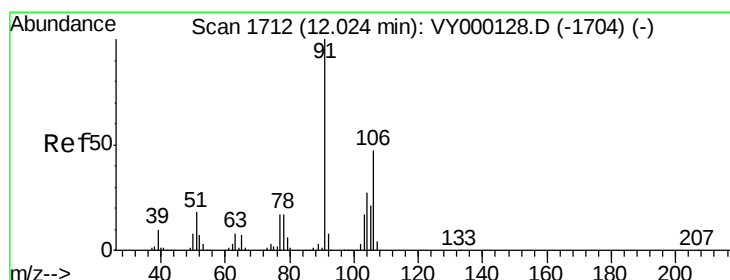
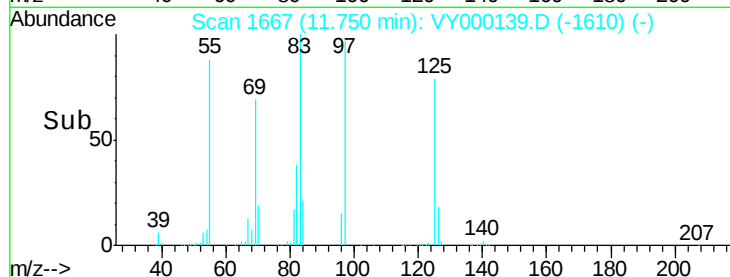
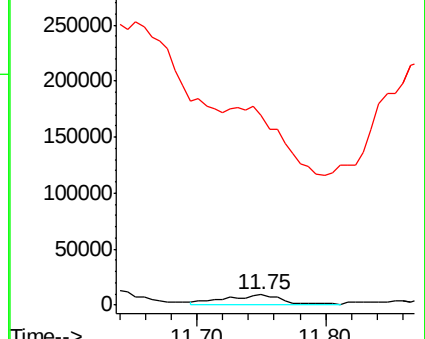
106 100

91 0.0 154.6 232.0#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#69

o-Xylene

Concen: 11.455 ug/l

RT: 12.06 min Scan# 1718

Delta R.T. 0.04 min

Lab File: VY000139.D

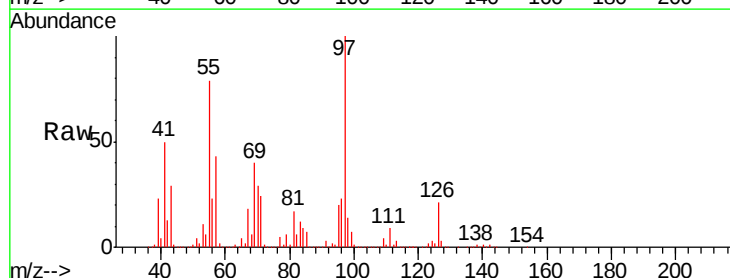
Acq: 23 Sep 2019 18:30

Tgt Ion:106 Resp: 13195

Ion Ratio Lower Upper

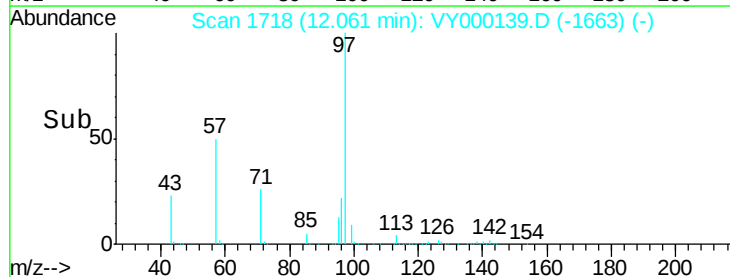
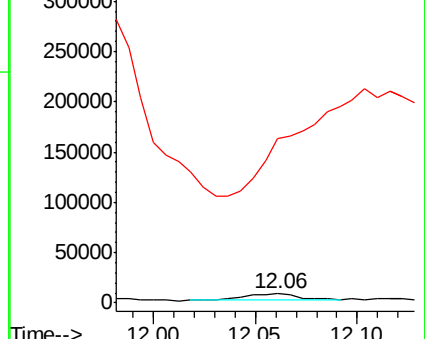
106 100

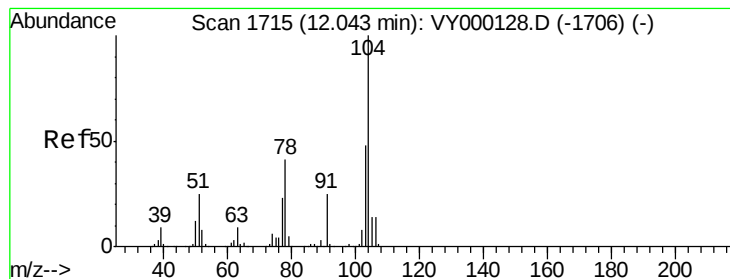
91 0.0 102.1 306.1#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





#70

Styrene

Concen: 4.370 ug/l

RT: 12.10 min Scan# 1725

Delta R.T. 0.06 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampled :

SB-9

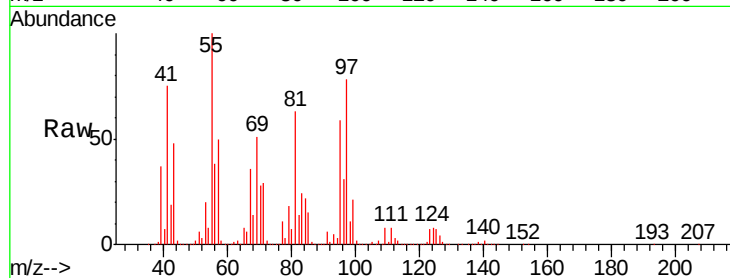
Tgt Ion:104 Resp: 8504

Ion Ratio Lower Upper

104 100

78 4042.7 37.3 55.9#

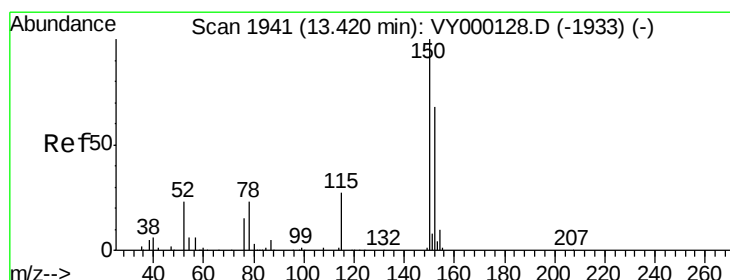
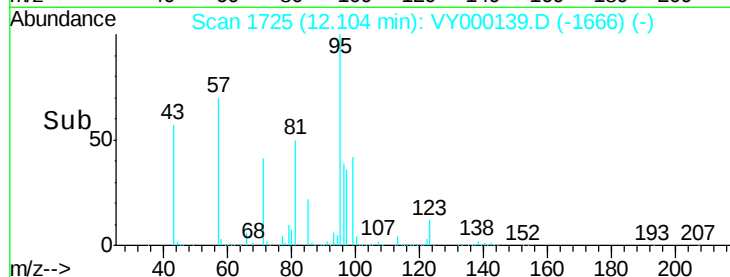
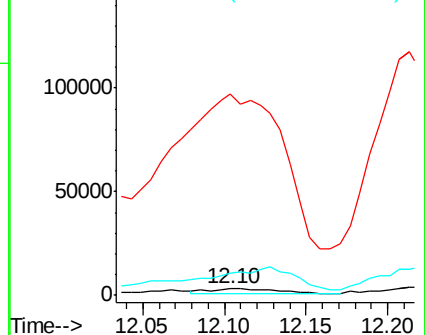
103 0.0 42.2 63.2#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.54 min Scan# 1960

Delta R.T. 0.12 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

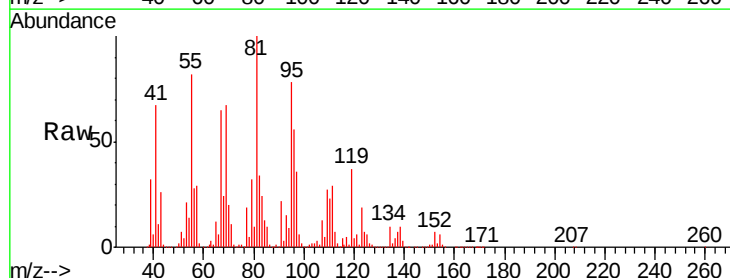
Tgt Ion:152 Resp: 124613

Ion Ratio Lower Upper

152 100

115 89.7 30.8 92.3

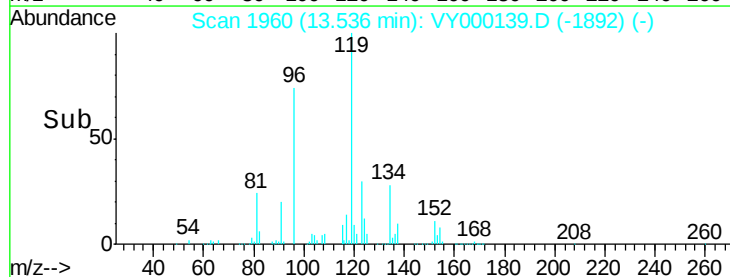
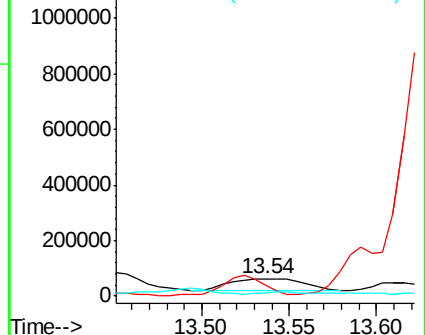
150 6.2 0.0 354.6

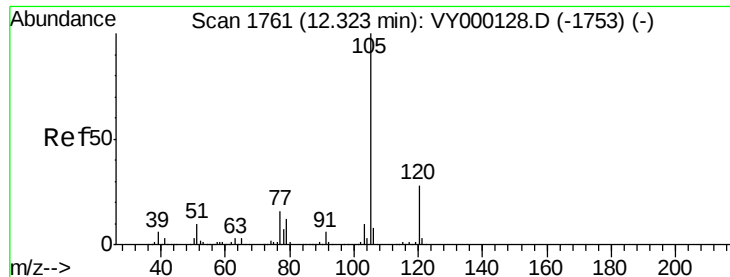


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1046.433 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.03 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampled :

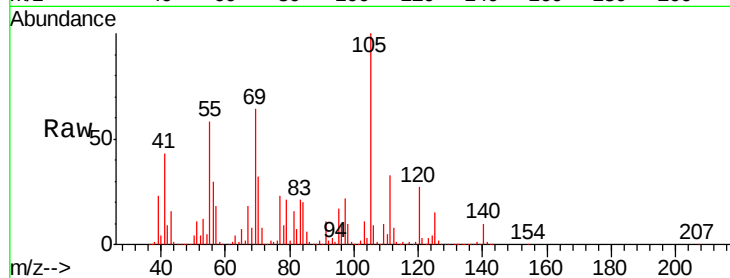
SB-9

Tgt Ion:105 Resp:10382439

Ion Ratio Lower Upper

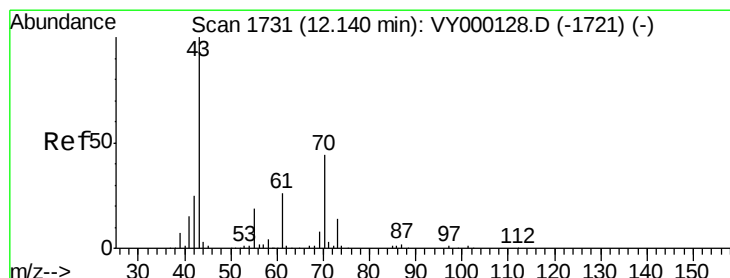
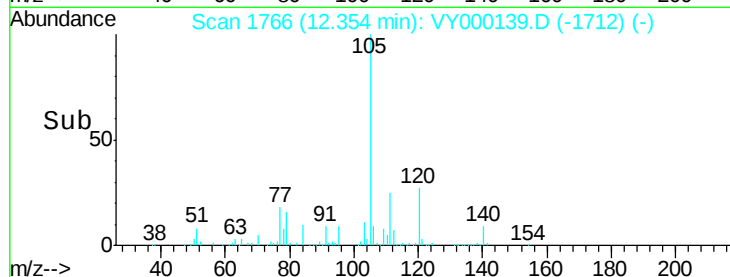
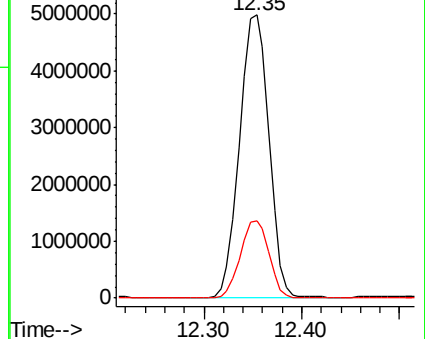
105 100

120 26.8 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 3305.574 ug/l

RT: 12.16 min Scan# 1735

Delta R.T. 0.02 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Tgt Ion: 43 Resp: 9140687

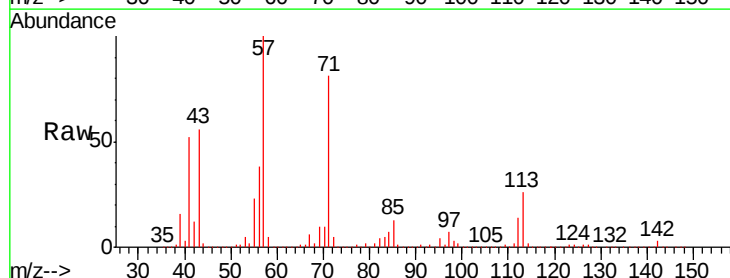
Ion Ratio Lower Upper

43 100

70 0.0 35.7 53.5#

55 0.0 17.2 25.8#

61 0.0 19.8 29.8#

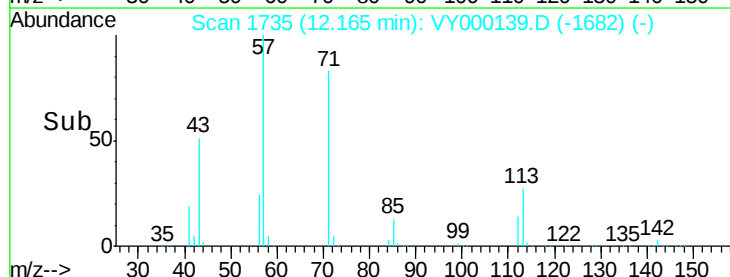
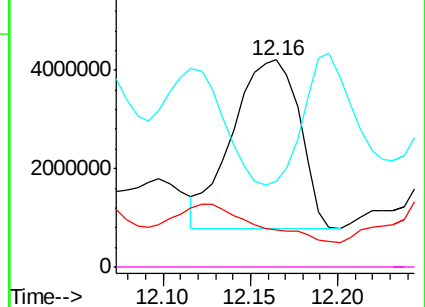


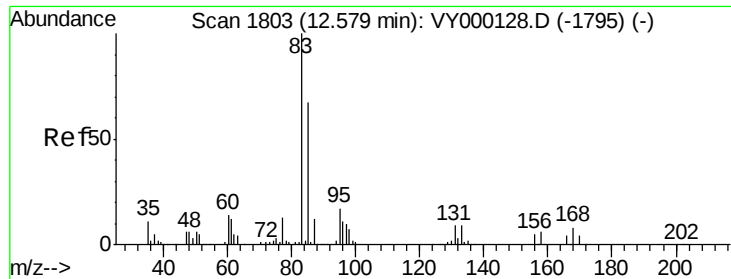
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 516.775 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-9

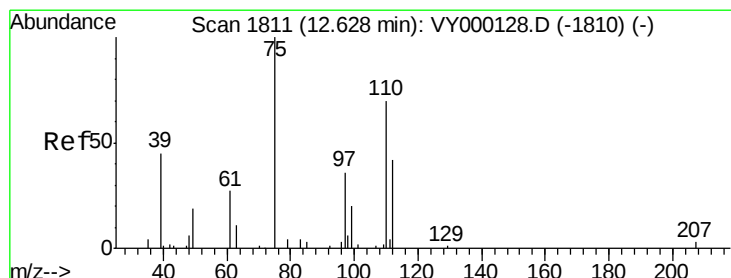
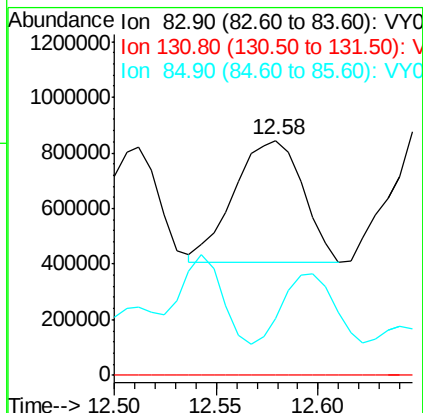
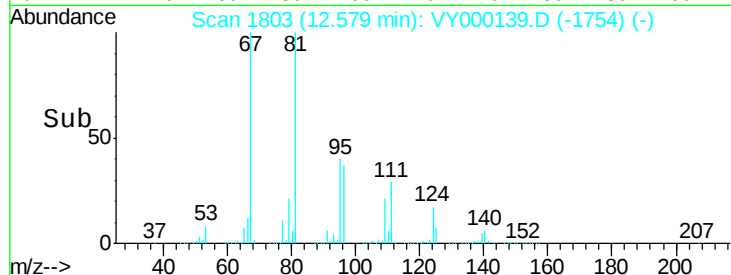
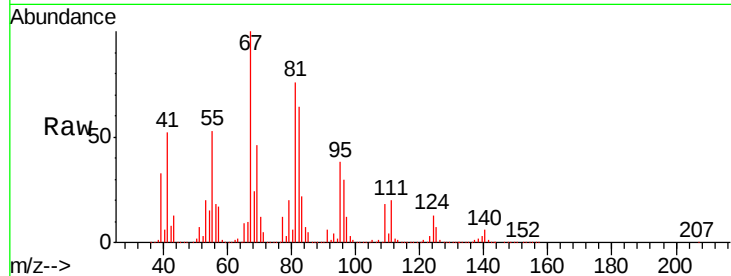
Tgt Ion: 83 Resp: 1023725

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

85 0.0 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 22.387 ug/l

RT: 12.57 min Scan# 1801

Delta R.T. -0.06 min

Lab File: VY000139.D

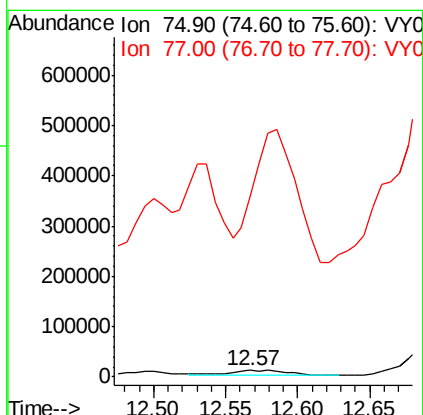
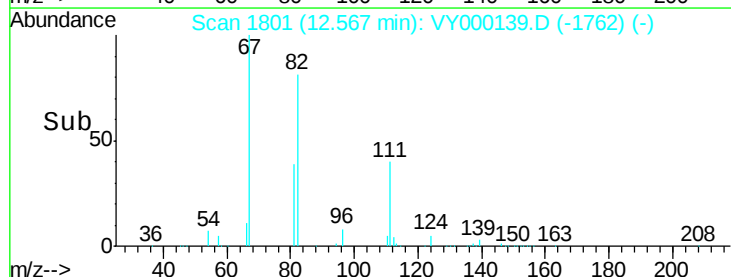
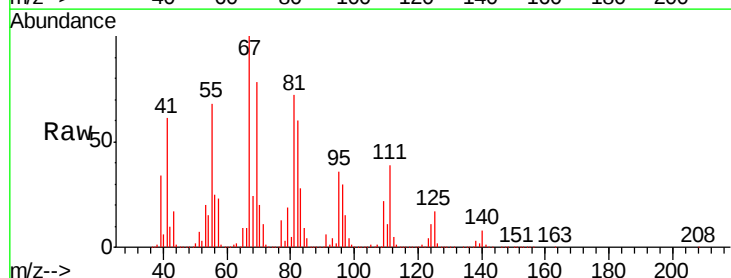
Acq: 23 Sep 2019 18:30

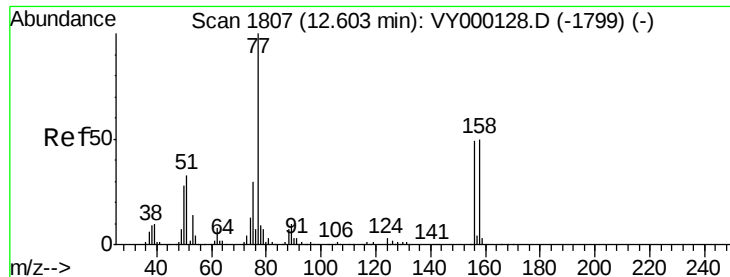
Tgt Ion: 75 Resp: 29236

Ion Ratio Lower Upper

75 100

77 1830.3 0.0 0.0#





#77

Bromobenzene

Concen: 5.583 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampled :

SB-9

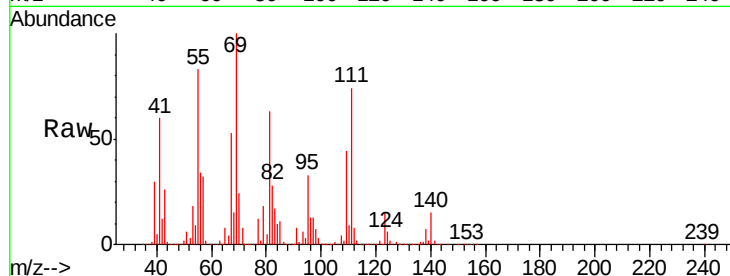
Tgt Ion:156 Resp: 11583

Ion Ratio Lower Upper

156 100

77 0.0 105.0 314.9#

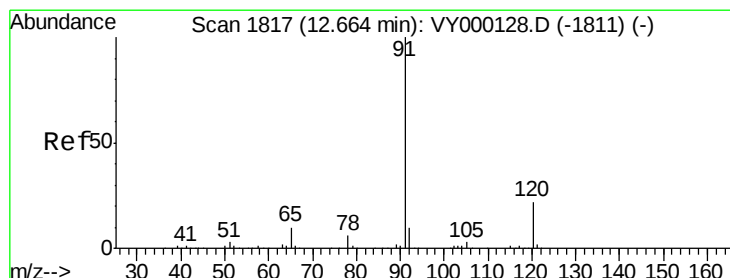
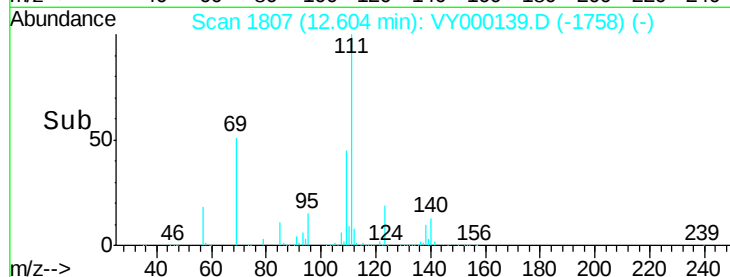
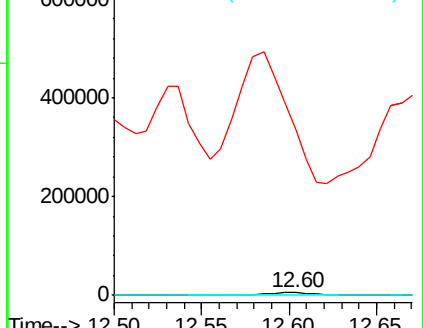
158 0.5 48.4 145.2#



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



#78

n-propylbenzene

Concen: 999.474 ug/l

RT: 12.69 min Scan# 1821

Delta R.T. 0.02 min

Lab File: VY000139.D

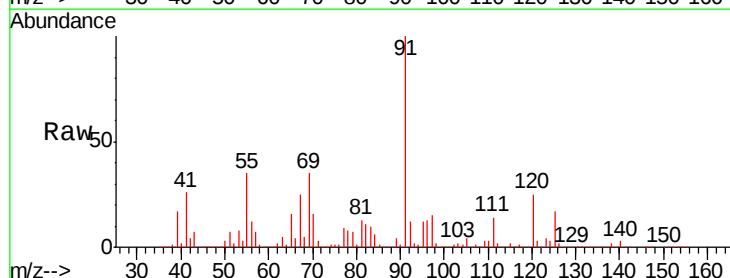
Acq: 23 Sep 2019 18:30

Tgt Ion: 91 Resp:12264209

Ion Ratio Lower Upper

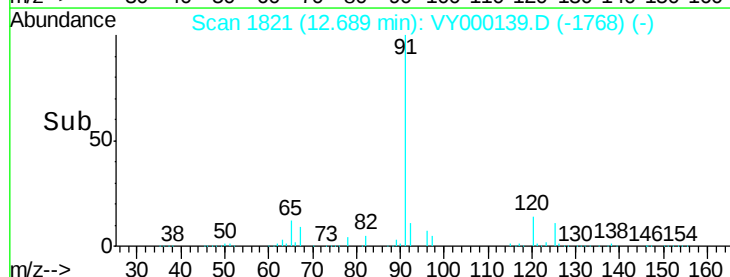
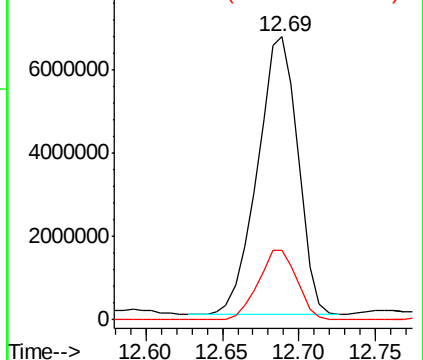
91 100

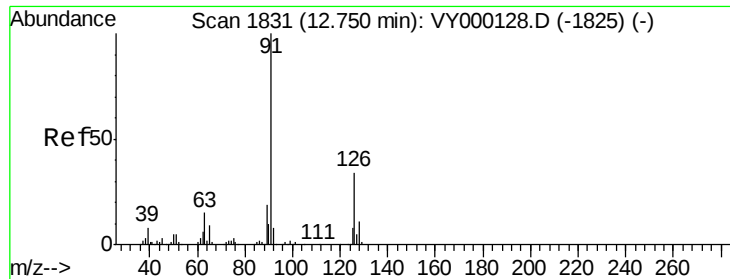
120 24.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

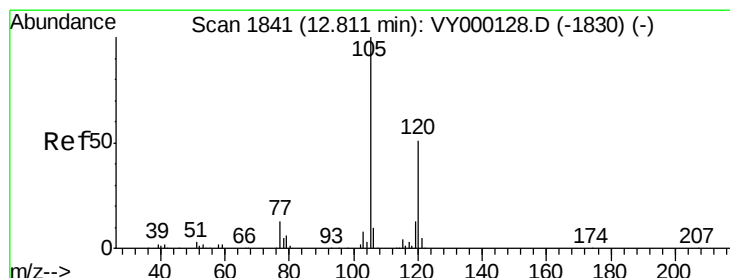
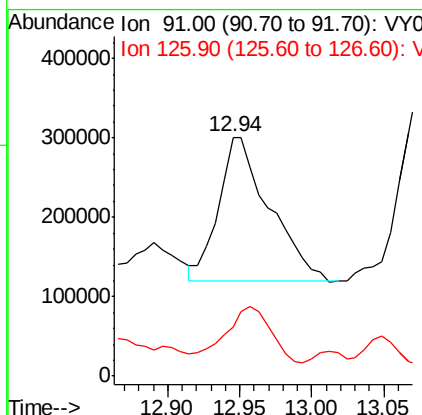
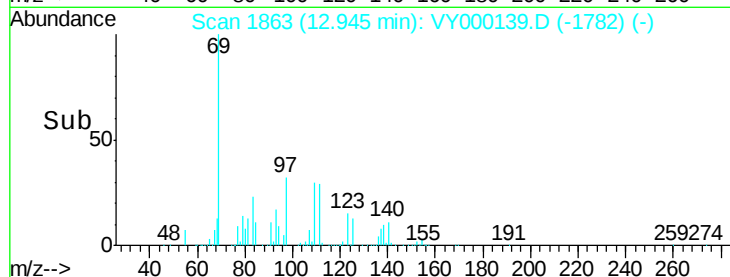
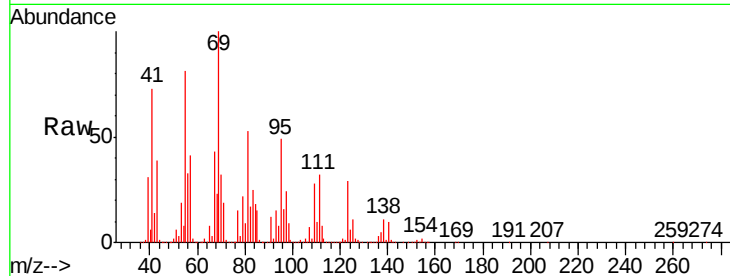




#79
 2-Chlorotoluene
 Concen: 65.866 ug/l
 RT: 12.94 min Scan# 1863
 Delta R.T. 0.20 min
 Lab File: VY000139.D
 Acq: 23 Sep 2019 18:30

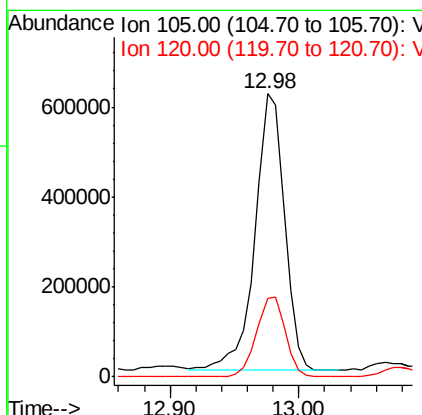
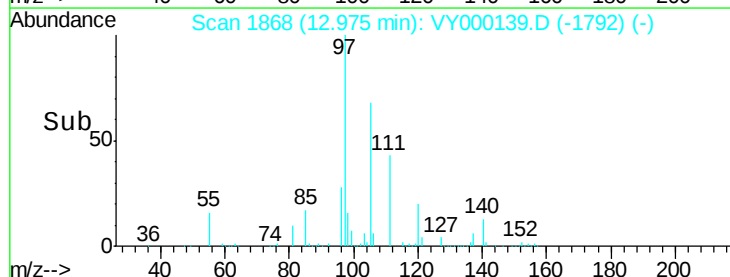
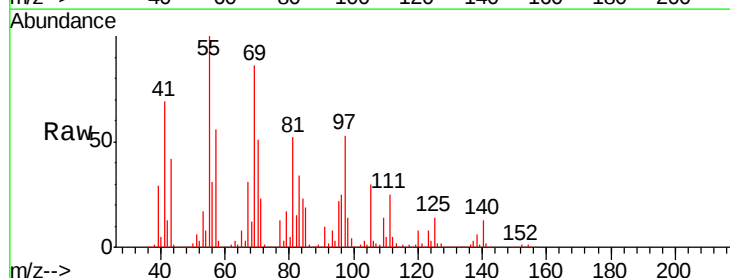
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-9

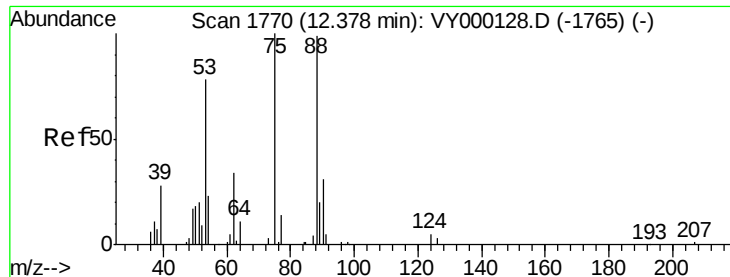
Tgt Ion: 91 Resp: 443687
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 117.287 ug/l
 RT: 12.98 min Scan# 1868
 Delta R.T. 0.16 min
 Lab File: VY000139.D
 Acq: 23 Sep 2019 18:30

Tgt Ion: 105 Resp: 973839
 Ion Ratio Lower Upper
 105 100
 120 27.9 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 197.595 ug/l

RT: 12.35 min Scan# 1765

Delta R.T. -0.03 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampled :

SB-9

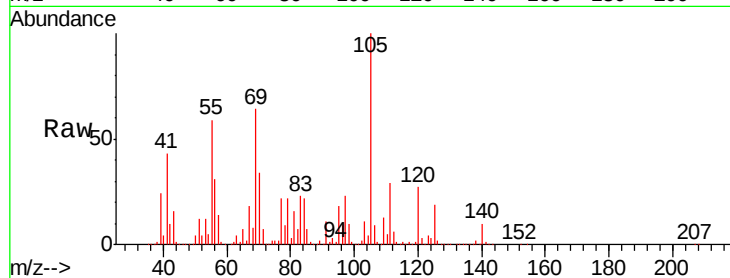
Tgt Ion: 75 Resp: 156986

Ion Ratio Lower Upper

75 100

53 0.0 62.5 93.7#

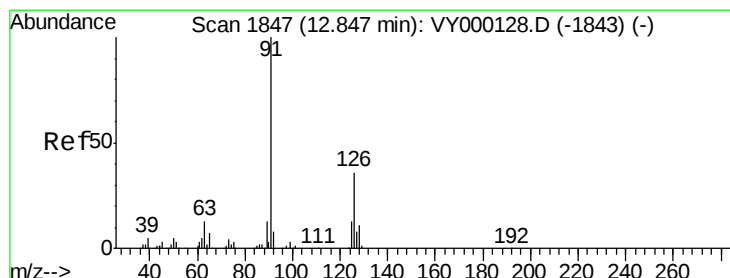
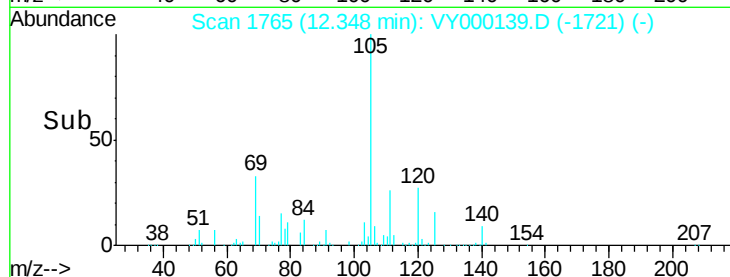
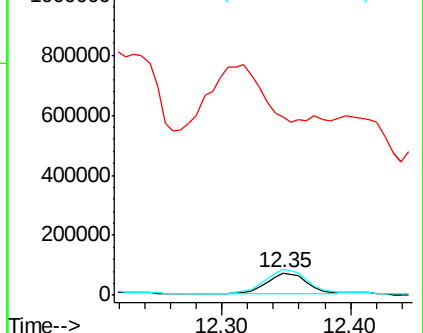
89 119.8 31.4 47.2#



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



#82

4-Chlorotoluene

Concen: 64.809 ug/l

RT: 12.94 min Scan# 1863

Delta R.T. 0.10 min

Lab File: VY000139.D

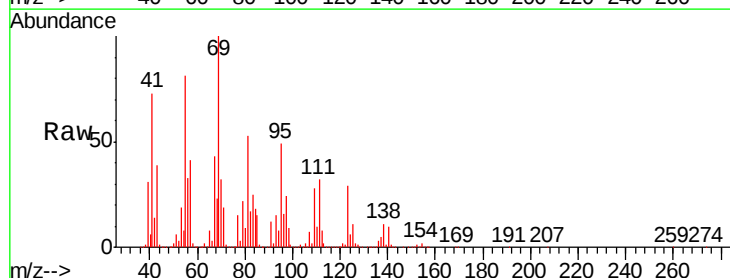
Acq: 23 Sep 2019 18:30

Tgt Ion: 91 Resp: 450275

Ion Ratio Lower Upper

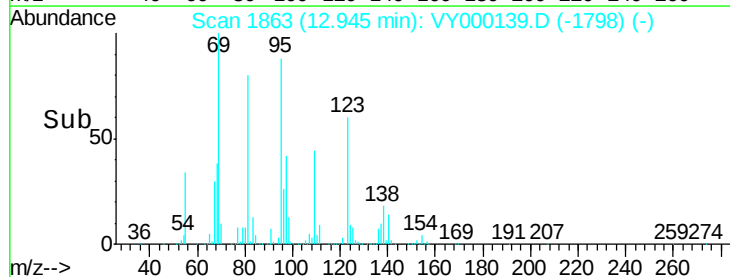
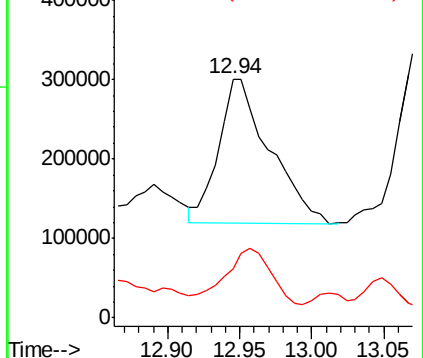
91 100

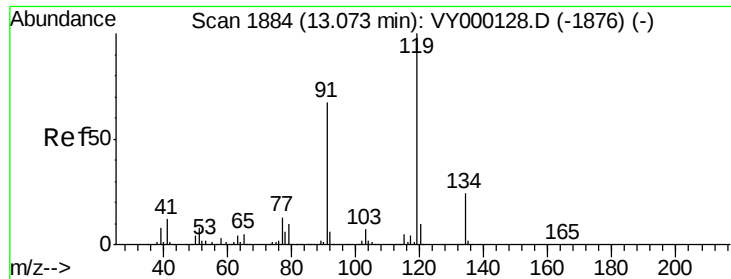
126 34.4 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

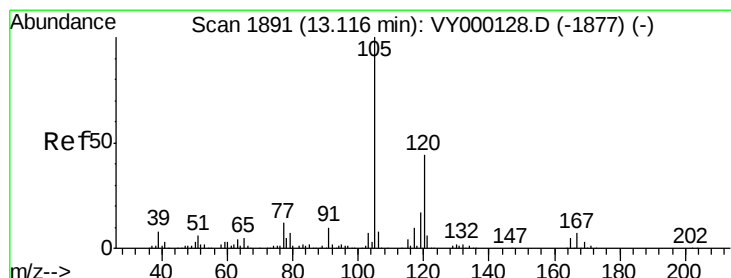
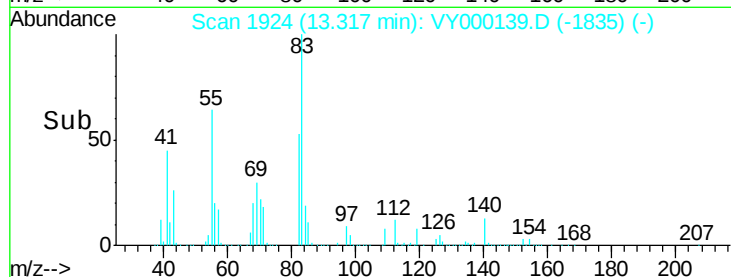
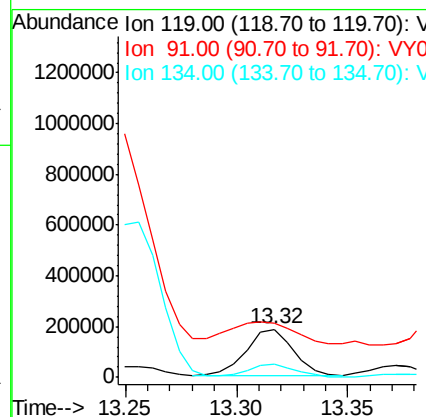
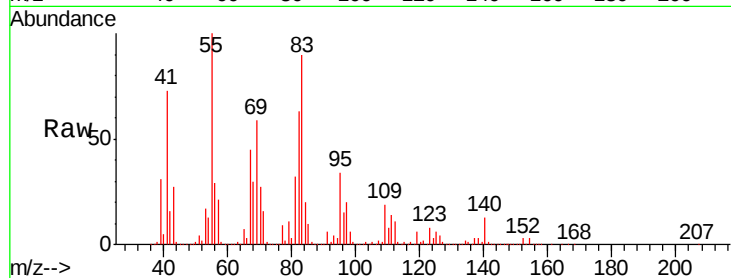




#83
 tert-Butylbenzene
 Concen: 40.004 ug/l
 RT: 13.32 min Scan# 1924
 Delta R.T. 0.24 min
 Lab File: VY000139.D
 Acq: 23 Sep 2019 18:30

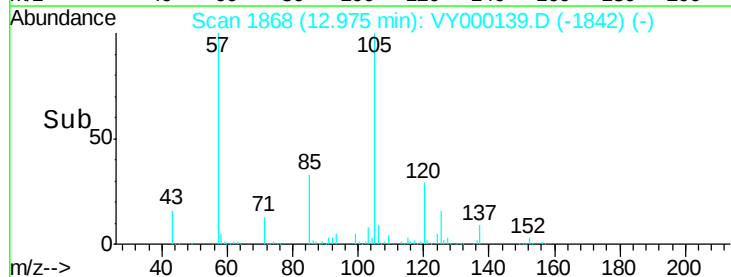
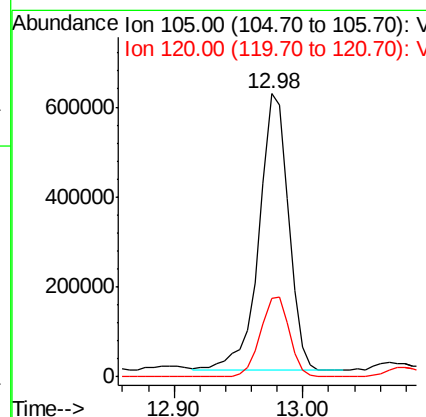
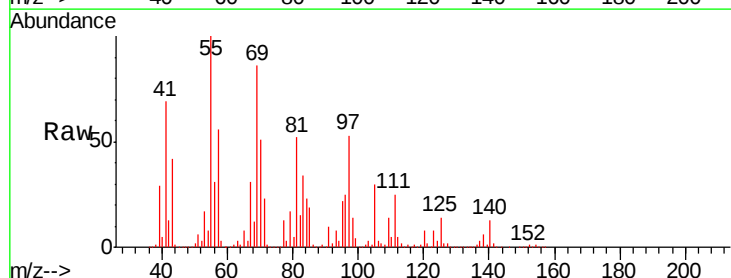
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-9

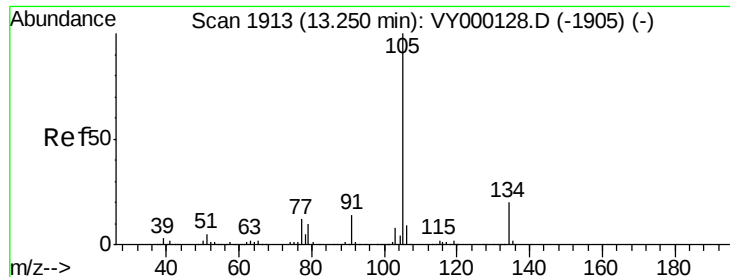
Tgt Ion:119 Resp: 272088
 Ion Ratio Lower Upper
 119 100
 91 62.0 33.6 100.8
 134 26.3 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 117.525 ug/l
 RT: 12.98 min Scan# 1868
 Delta R.T. -0.14 min
 Lab File: VY000139.D
 Acq: 23 Sep 2019 18:30

Tgt Ion:105 Resp: 973839
 Ion Ratio Lower Upper
 105 100
 120 28.0 22.9 68.8





#85

sec-Butylbenzene

Concen: 470.745 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. 0.01 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampleId :

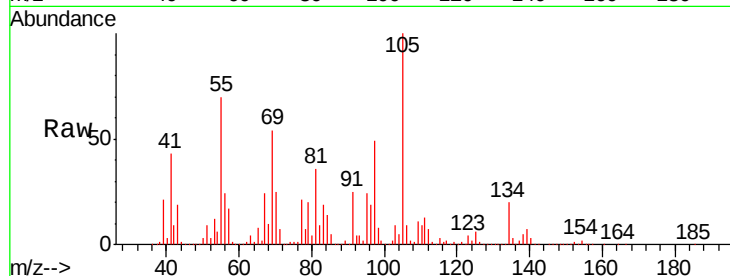
SB-9

Tgt Ion:105 Resp: 4786224

Ion Ratio Lower Upper

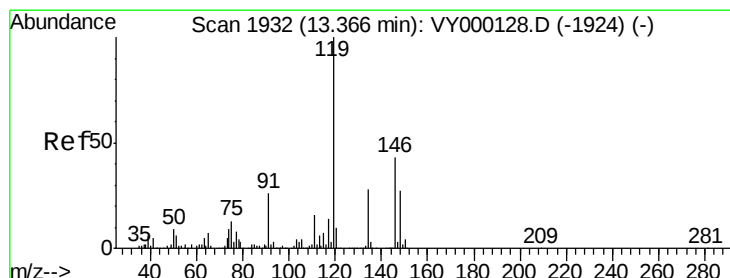
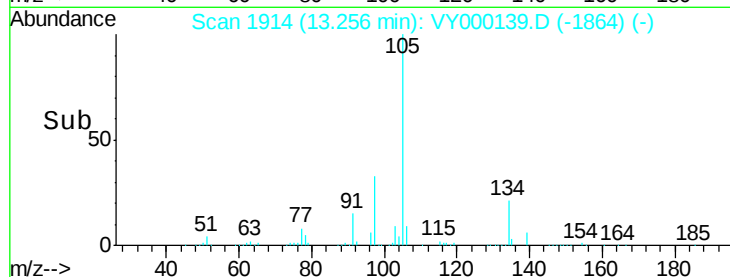
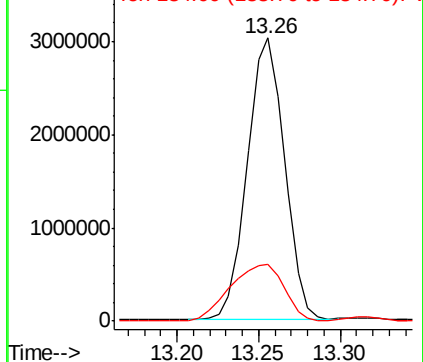
105 100

134 29.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 32.801 ug/l

RT: 13.32 min Scan# 1924

Delta R.T. -0.05 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

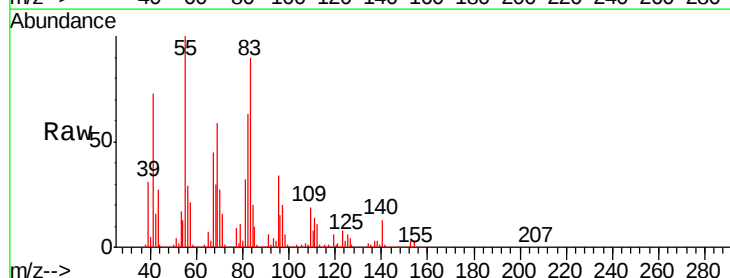
Tgt Ion:119 Resp: 284350

Ion Ratio Lower Upper

119 100

134 25.2 13.6 40.8

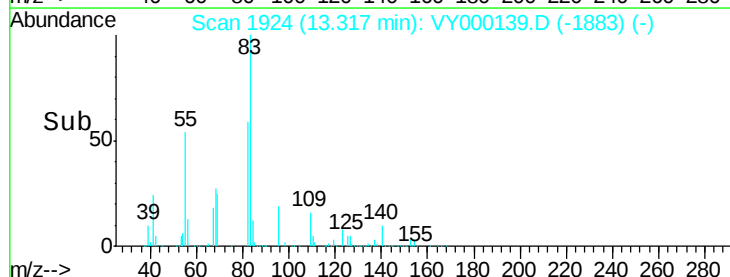
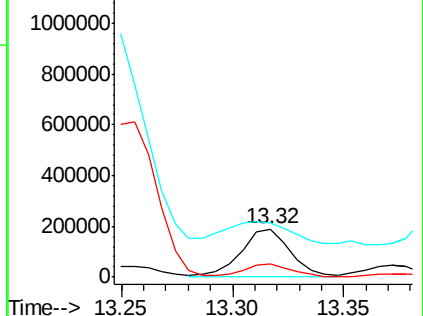
91 57.9 12.8 38.3#

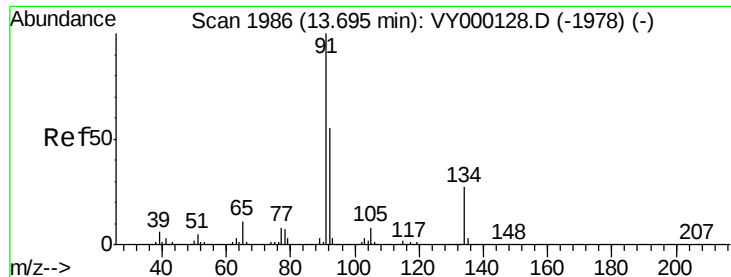


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

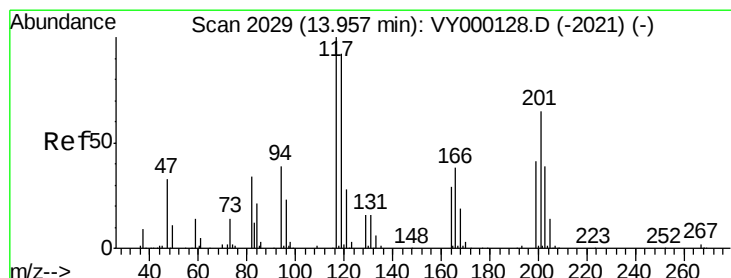
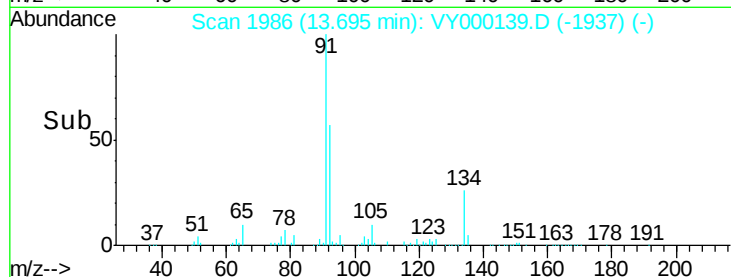
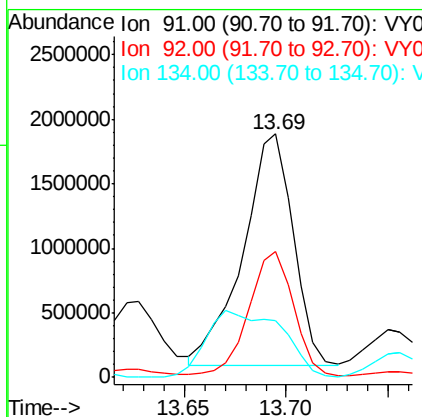
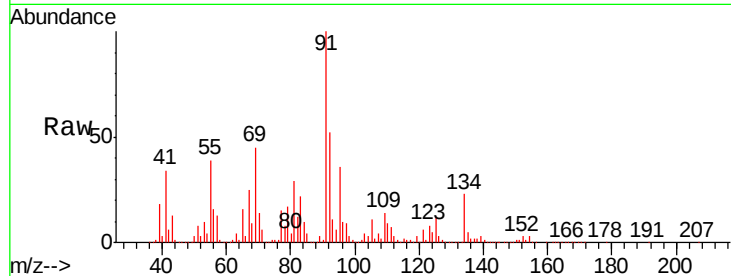




#89
n-Butylbenzene
Concen: 345.693 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VY000139.D
Acq: 23 Sep 2019 18:30

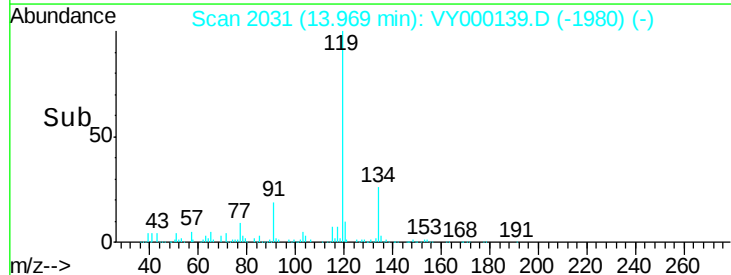
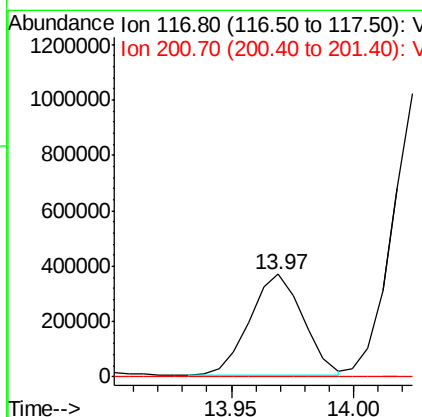
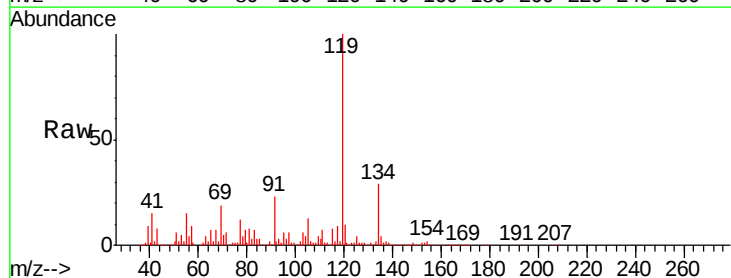
Instrument :
MSVOA_Y
ClientSampled :
SB-9

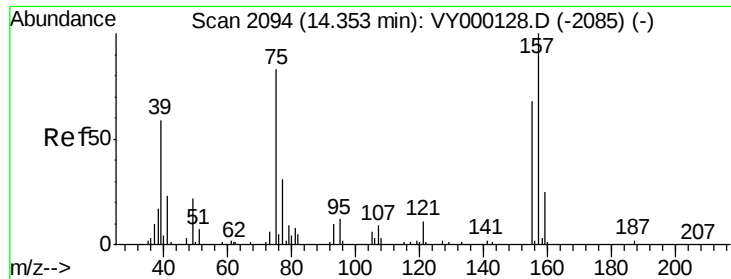
Tgt Ion: 91 Resp: 3073997
Ion Ratio Lower Upper
91 100
92 47.8 27.2 81.5
134 0.0 12.9 38.7#



#90
Hexachloroethane
Concen: 322.992 ug/l
RT: 13.97 min Scan# 2031
Delta R.T. 0.01 min
Lab File: VY000139.D
Acq: 23 Sep 2019 18:30

Tgt Ion: 117 Resp: 554505
Ion Ratio Lower Upper
117 100
201 0.0 30.1 90.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 25.879 ug/l

RT: 14.37 min Scan# 2097

Delta R.T. 0.02 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-9

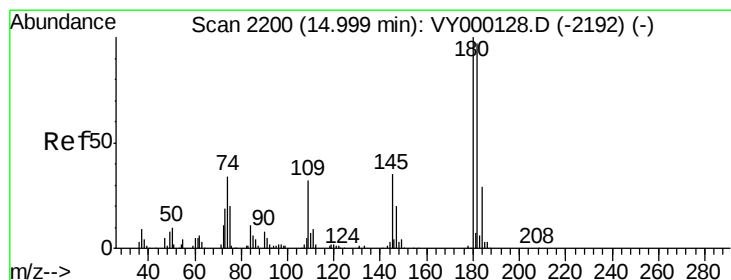
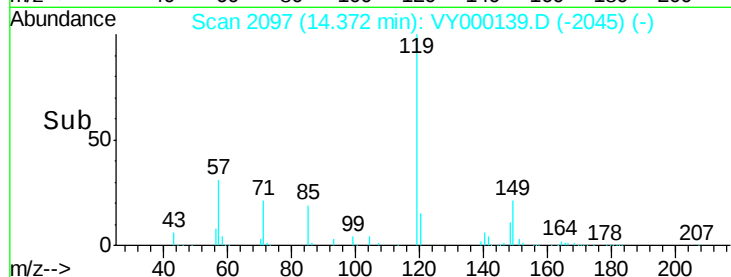
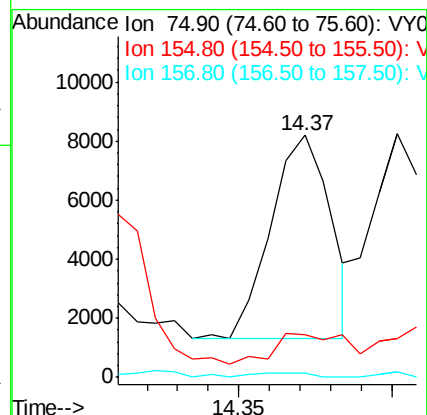
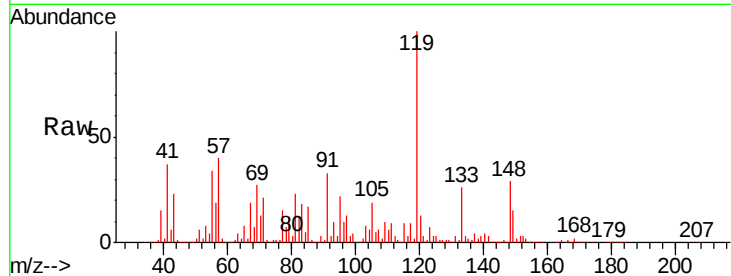
Tgt Ion: 75 Resp: 9423

Ion Ratio Lower Upper

75 100

155 18.1 44.7 134.1#

157 1.9 55.9 167.7#



#93

1,2,4-Trichlorobenzene

Concen: 1.183 ug/l

RT: 15.01 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VY000139.D

Acq: 23 Sep 2019 18:30

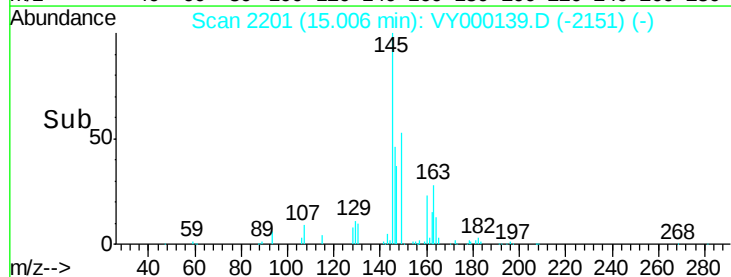
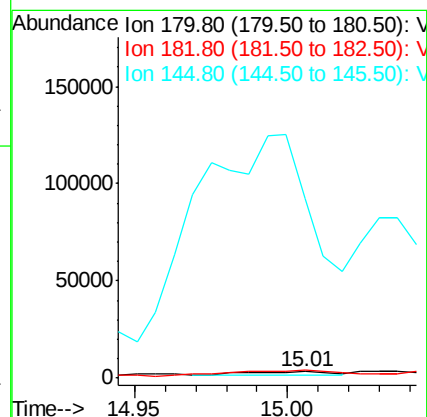
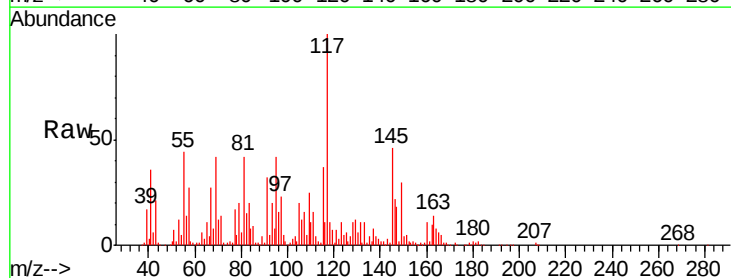
Tgt Ion: 180 Resp: 2913

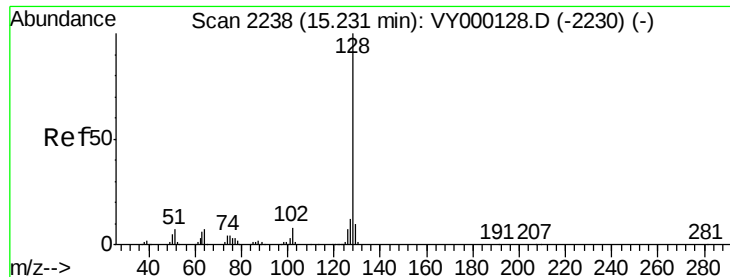
Ion Ratio Lower Upper

180 100

182 247.1 46.1 138.2#

145 12082.3 16.8 50.3#

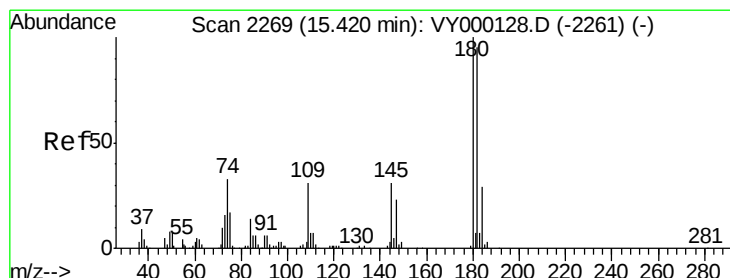
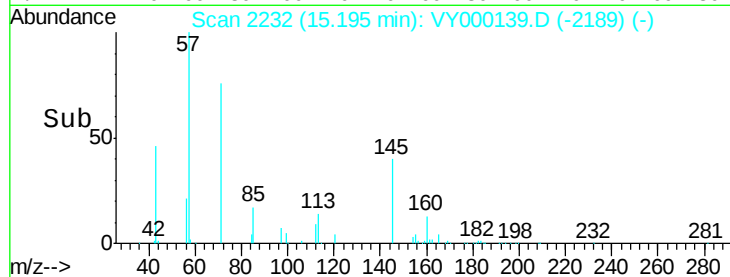
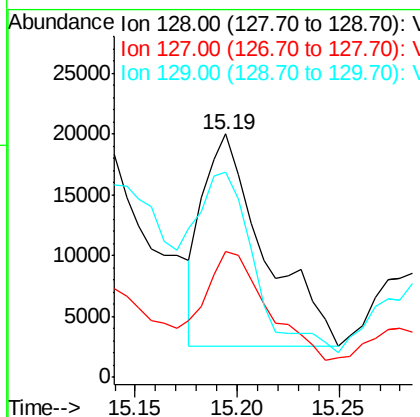
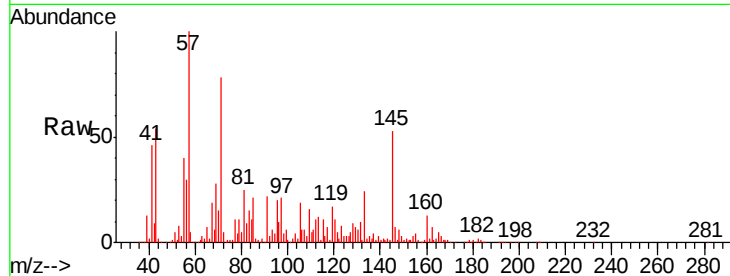




#95
Naphthalene
Concen: 5.891 ug/l
RT: 15.19 min Scan# 2232
Delta R.T. -0.04 min
Lab File: VY000139.D
Acq: 23 Sep 2019 18:30

Instrument :
MSVOA_Y
ClientSampled :
SB-9

Tgt Ion:128 Resp: 36667
Ion Ratio Lower Upper
128 100
127 50.3 9.7 14.5#
129 83.4 8.3 12.5#



#96
1,2,3-Trichlorobenzene
Concen: 2.251 ug/l
RT: 15.44 min Scan# 2272
Delta R.T. 0.02 min
Lab File: VY000139.D
Acq: 23 Sep 2019 18:30

Tgt Ion:180 Resp: 4943
Ion Ratio Lower Upper
180 100
182 5.5 47.4 142.3#
145 0.0 17.5 52.6#

