

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
 Data File : VY001459.D
 Acq On : 31 Jan 2020 16:37
 Operator : SY/MD
 Sample : L1351-03
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TAL-3

Quant Time: Jan 31 18:12:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

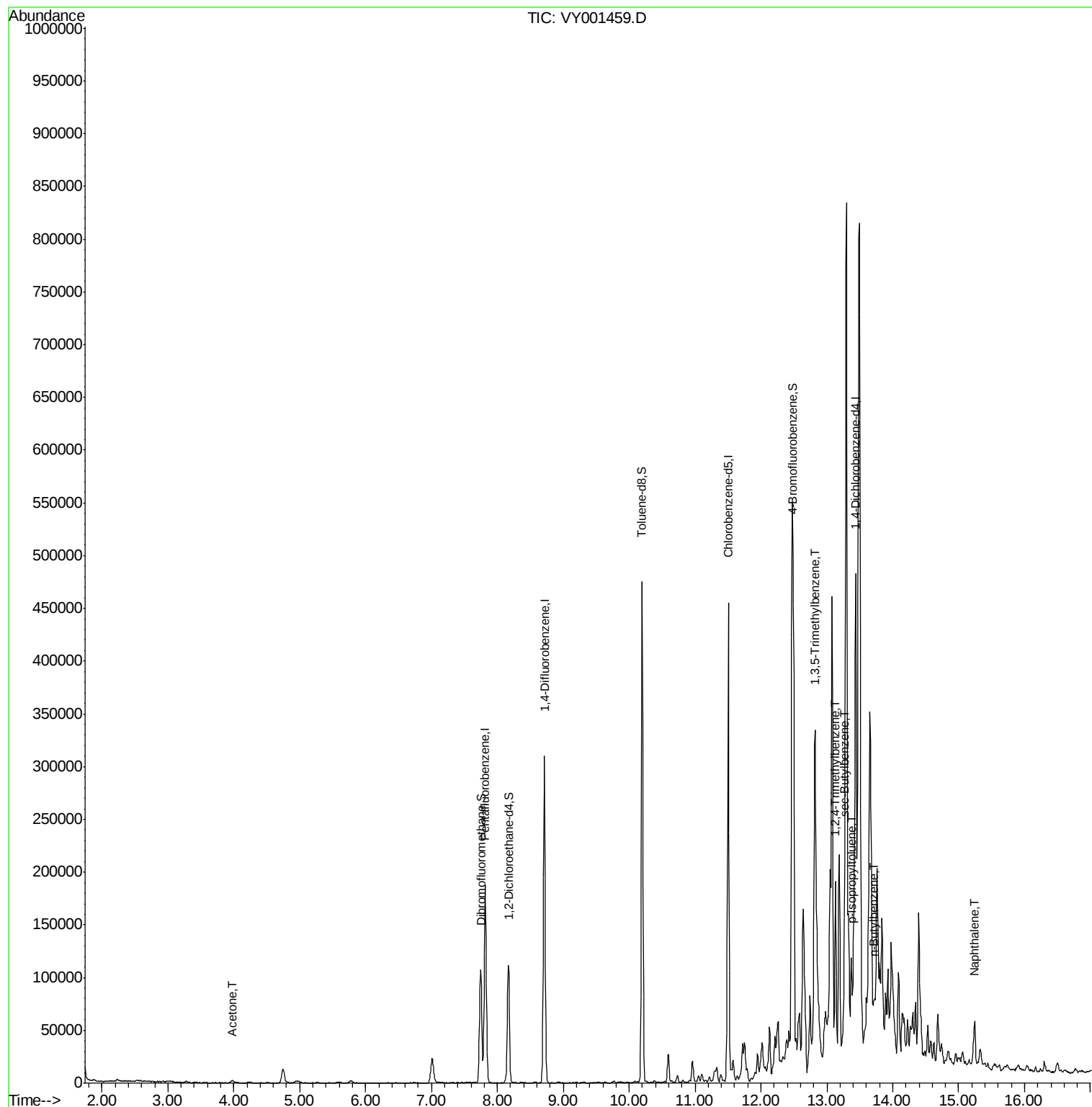
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	142746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	261139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	231395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	98840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	83351	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
35) Dibromofluoromethane	7.75	113	77783	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	10.19	98	307448	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.49	95	106808	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
Target Compounds						
16) Acetone	3.98	43	3959	2.161	ug/l	89
80) 1,3,5-Trimethylbenzene	12.83	105	51454	7.904	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	86770	13.275	ug/l	98
85) sec-Butylbenzene	13.27	105	14463	1.855	ug/l #	69
86) p-Isopropyltoluene	13.38	119	16221	2.361	ug/l	96
89) n-Butylbenzene	13.70	91	8158	1.180	ug/l #	64
95) Naphthalene	15.25	128	31950	6.785	ug/l	97

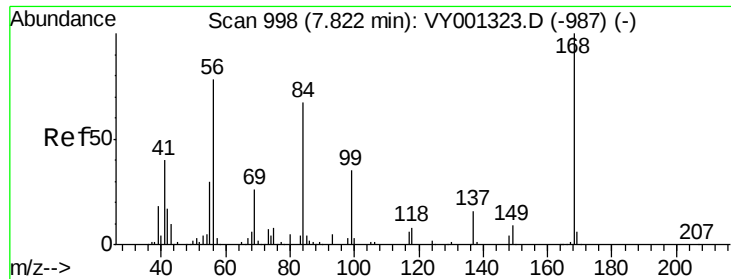
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
Data File : VY001459.D
Acq On : 31 Jan 2020 16:37
Operator : SY/MD
Sample : L1351-03
Misc : 5.10G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TAL-3

Quant Time: Jan 31 18:12:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001459.D

Acq: 31 Jan 2020 16:37

Instrument :

MSVOA_Y

ClientSampled :

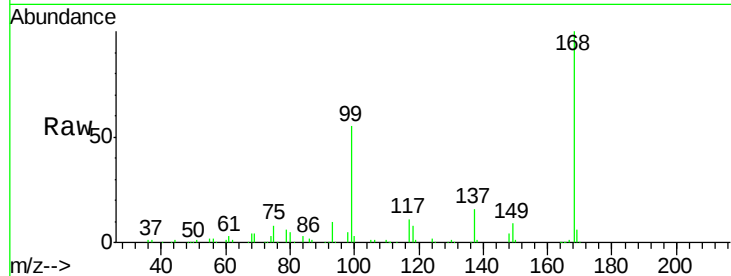
TAL-3

Tot Ion:168 Resp: 142746

Ion Ratio Lower Upper

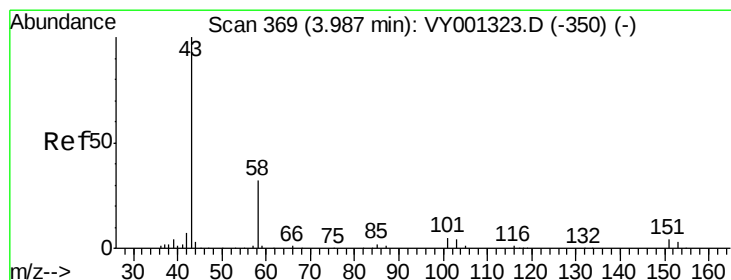
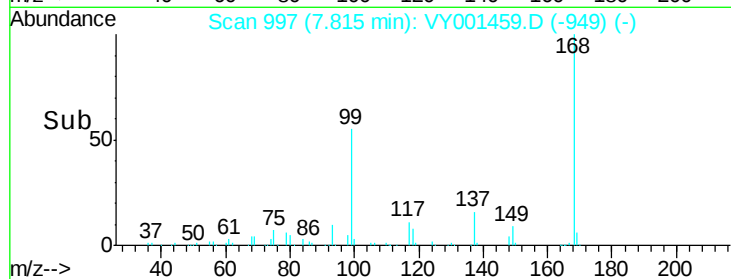
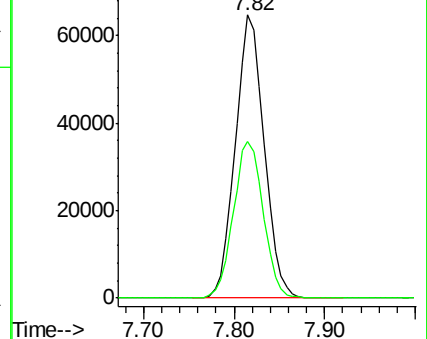
168 100

99 55.4 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)



#16

Acetone

Concen: 2.161 ug/l

RT: 3.98 min Scan# 368

Delta R.T. -0.01 min

Lab File: VY001459.D

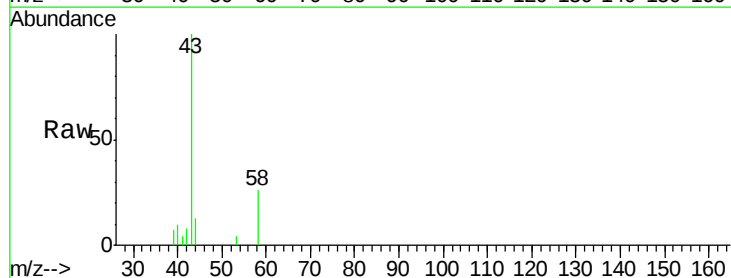
Acq: 31 Jan 2020 16:37

Tgt Ion: 43 Resp: 3959

Ion Ratio Lower Upper

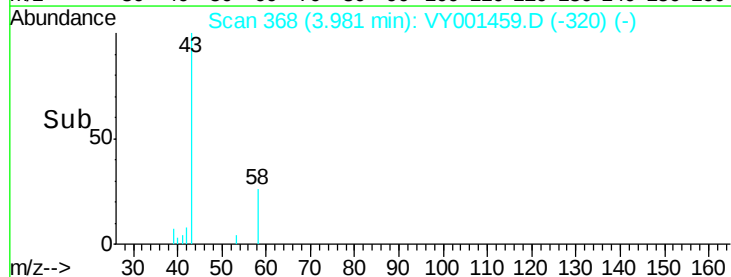
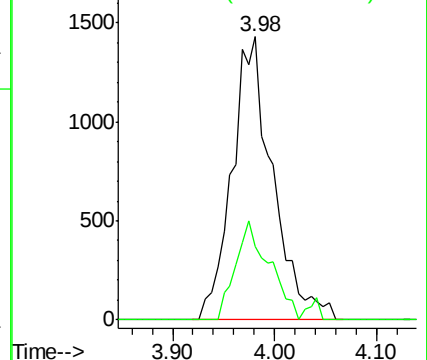
43 100

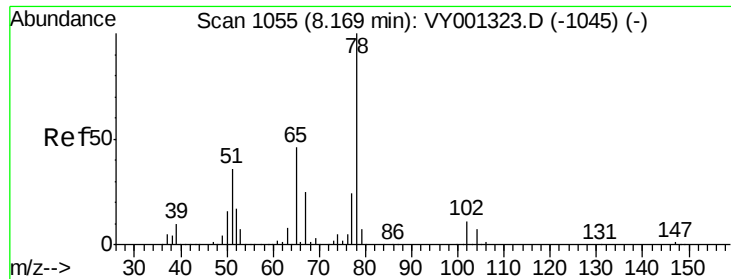
58 25.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-350) (-)





#33

1,2-Dichloroethane-d4

Concen: 53.661 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001459.D

Acq: 31 Jan 2020 16:37

Instrument :

MSVOA_Y

ClientSampled :

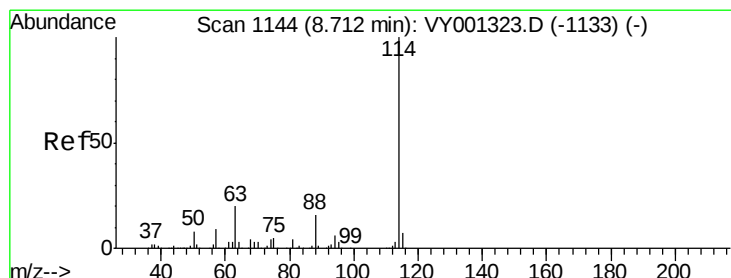
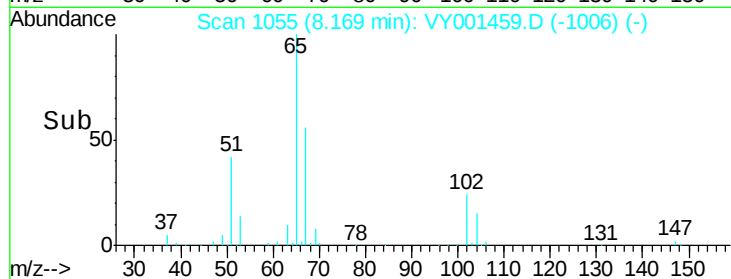
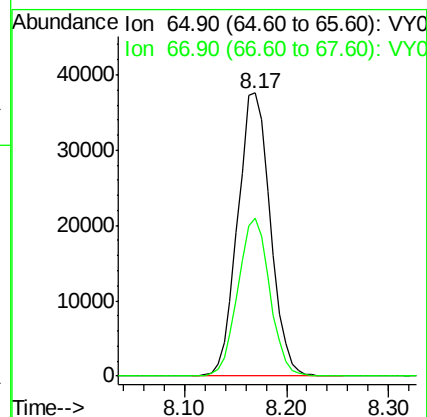
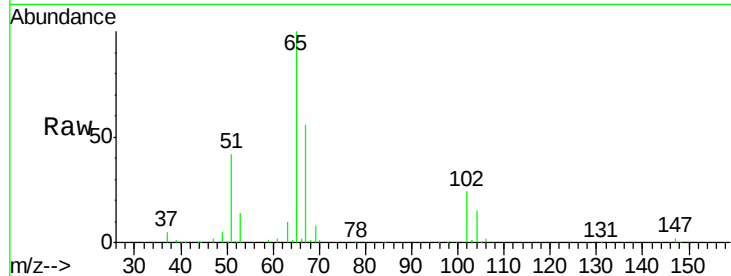
TAL-3

Tot Ion: 65 Resp: 83351

Ion Ratio Lower Upper

65 100

67 54.4 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001459.D

Acq: 31 Jan 2020 16:37

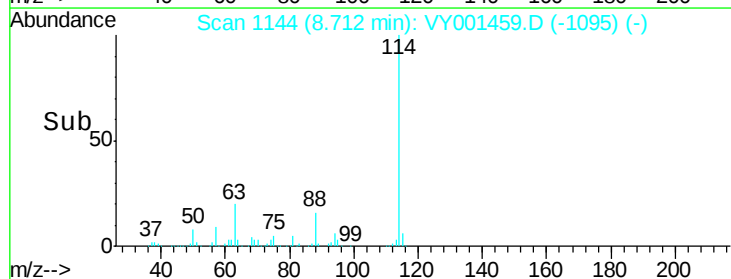
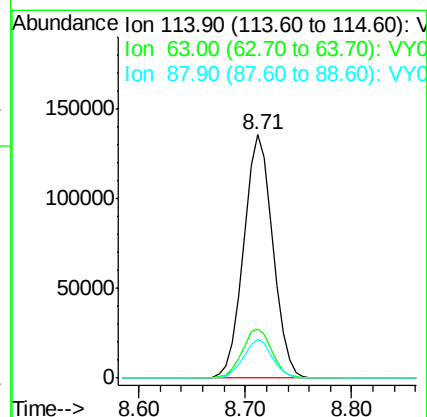
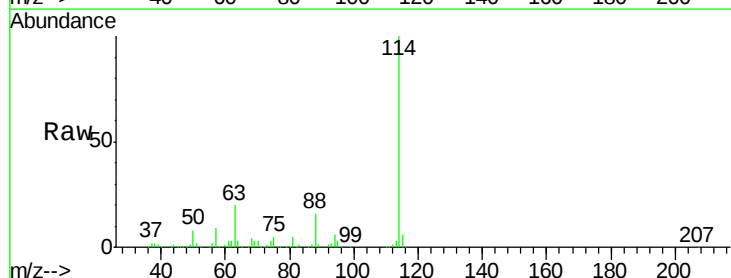
Tgt Ion: 114 Resp: 261139

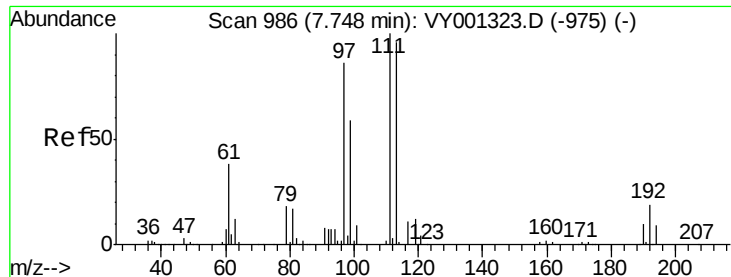
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 15.8 0.0 31.0

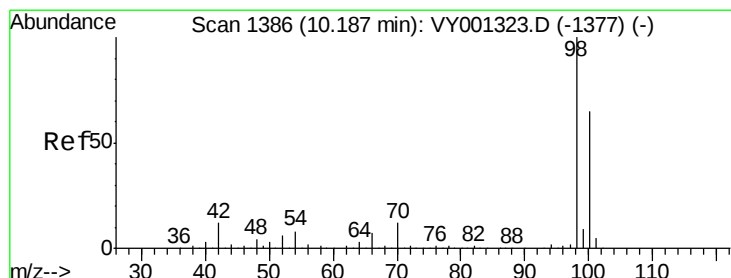
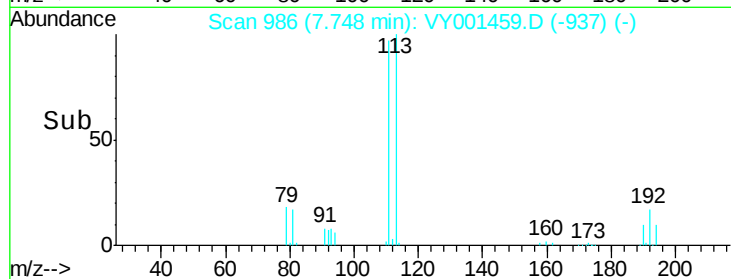
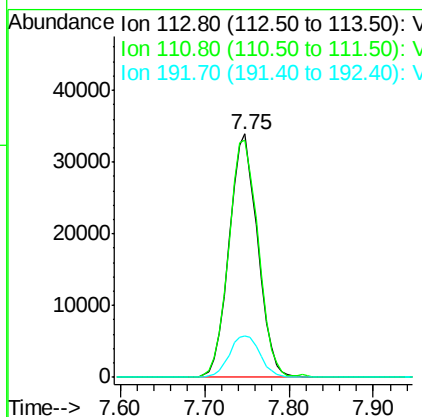
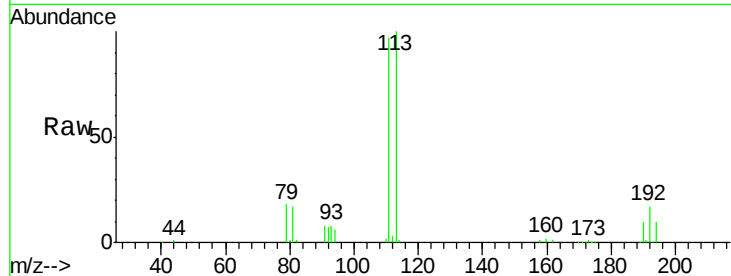




#35
 Dibromofluoromethane
 Concen: 50.750 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001459.D
 Acq: 31 Jan 2020 16:37

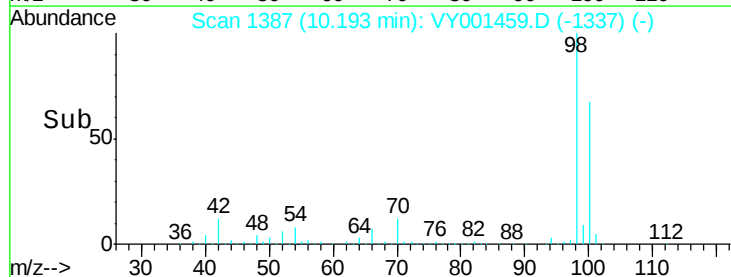
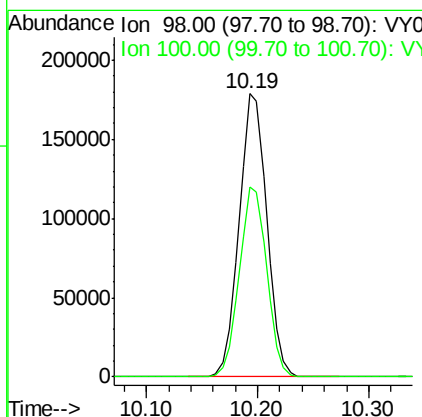
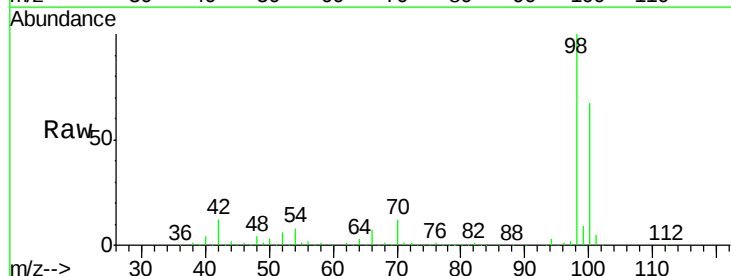
Instrument :
 MSVOA_Y
 ClientSampleId :
 TAL-3

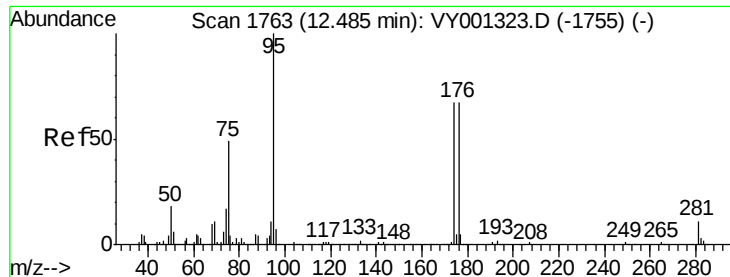
Tot Ion:113 Resp: 77783
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.8 124.2
 192 18.5 15.5 23.3



#50
 Toluene-d8
 Concen: 51.631 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY001459.D
 Acq: 31 Jan 2020 16:37

Tgt Ion: 98 Resp: 307448
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.6 79.0

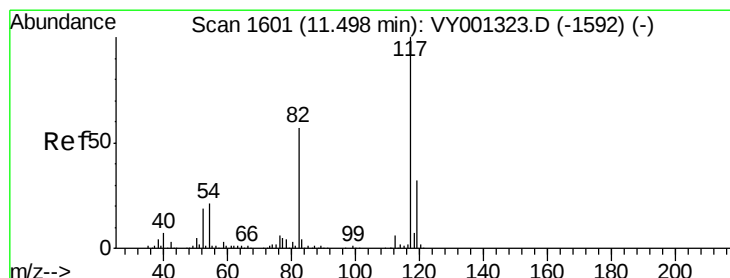
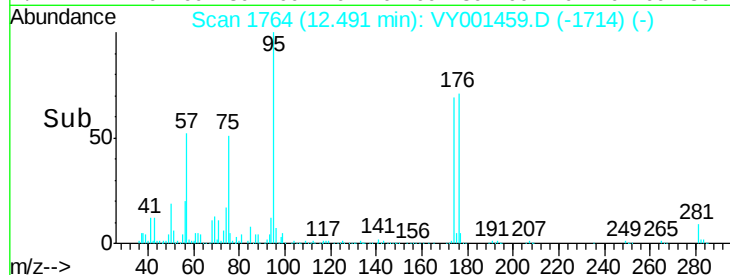
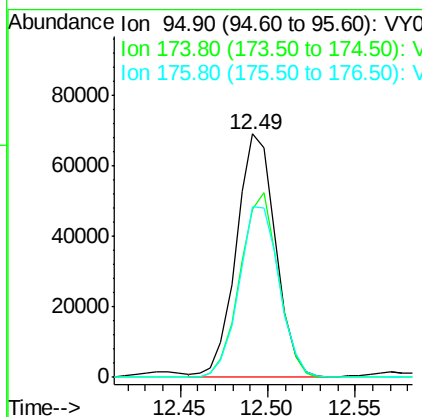
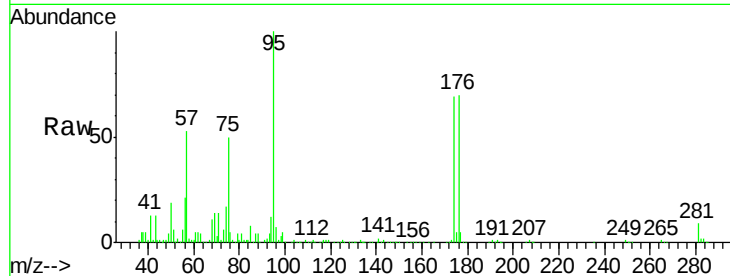




#62
4-Bromofluorobenzene
Concen: 45.041 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001459.D
Acq: 31 Jan 2020 16:37

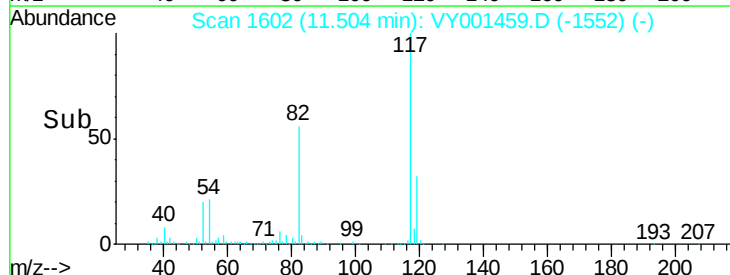
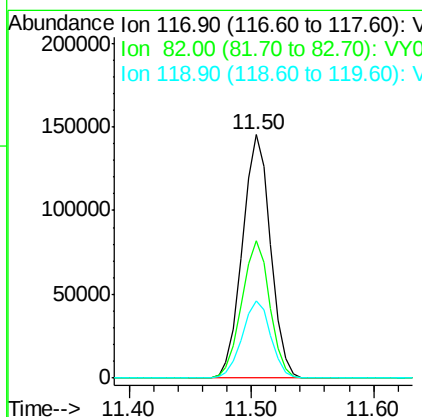
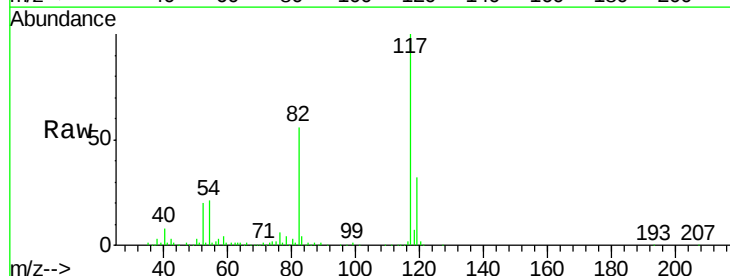
Instrument :
MSVOA_Y
ClientSampleId :
TAL-3

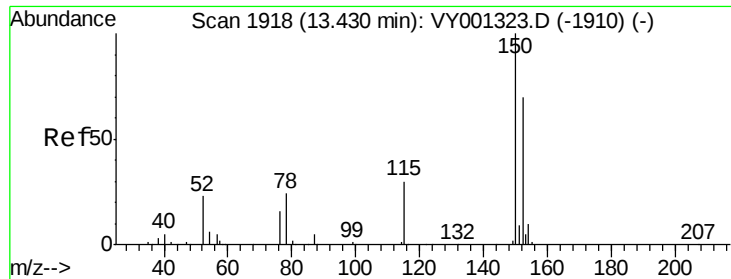
Tot Ion: 95 Resp: 106808
Ion Ratio Lower Upper
95 100
174 74.4 0.0 142.0
176 72.4 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001459.D
Acq: 31 Jan 2020 16:37

Tgt Ion: 117 Resp: 231395
Ion Ratio Lower Upper
117 100
82 56.2 45.5 68.3
119 31.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001459.D

Acq: 31 Jan 2020 16:37

Instrument :

MSVOA_Y

ClientSampled :

TAL-3

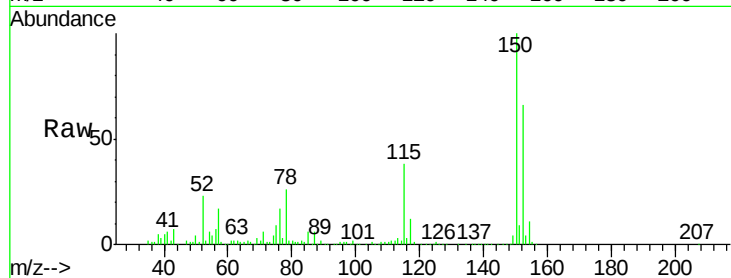
Tot Ion:152 Resp: 98840

Ion Ratio Lower Upper

152 100

115 62.7 30.9 92.8

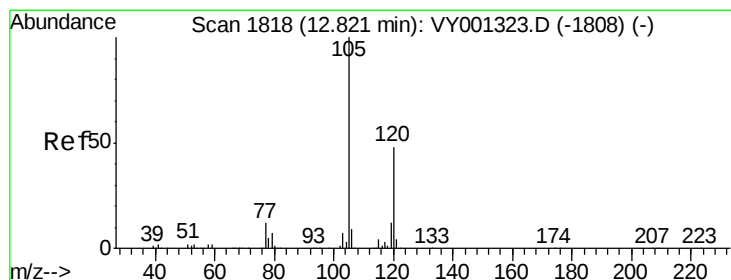
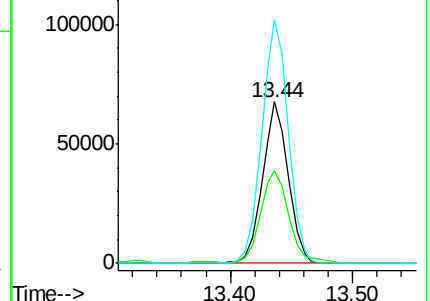
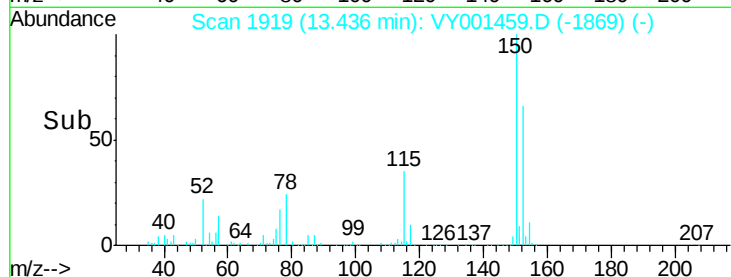
150 154.6 0.0 349.2



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



#80

1,3,5-Trimethylbenzene

Concen: 7.904 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY001459.D

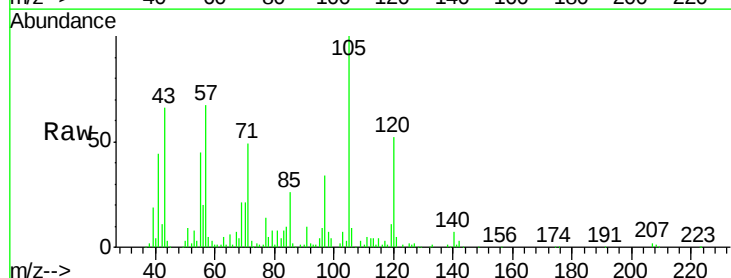
Acq: 31 Jan 2020 16:37

Tgt Ion:105 Resp: 51454

Ion Ratio Lower Upper

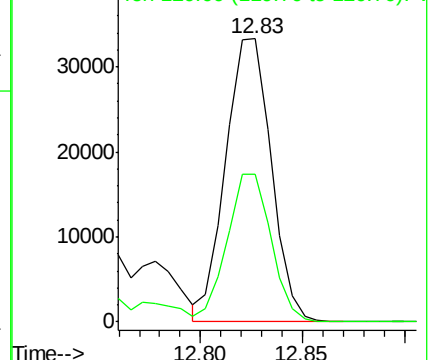
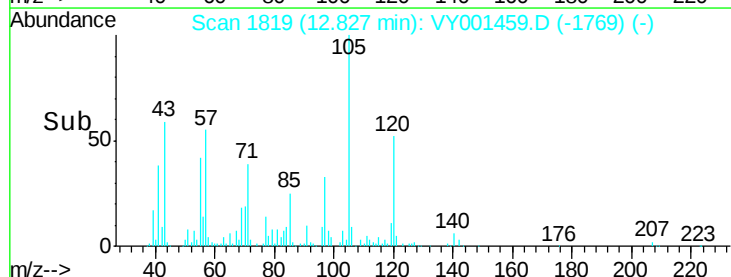
105 100

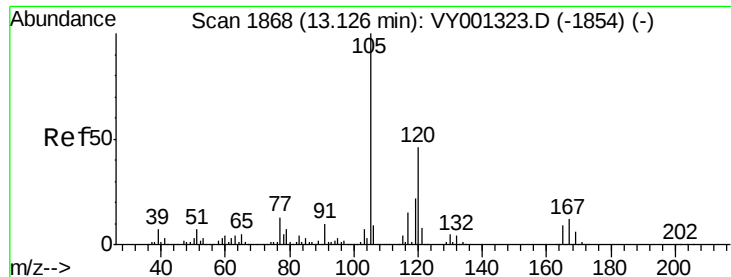
120 50.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 13.275 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY001459.D

Acq: 31 Jan 2020 16:37

Instrument :

MSVOA_Y

ClientSampled :

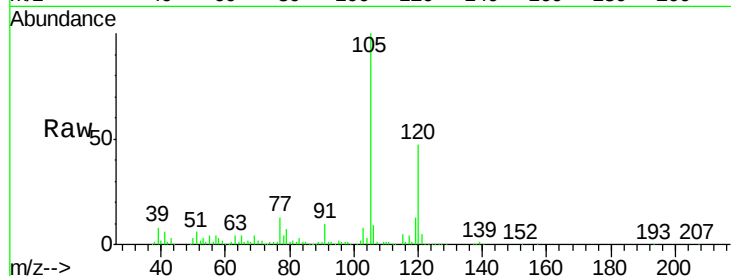
TAL-3

Tot Ion:105 Resp: 86770

Ion Ratio Lower Upper

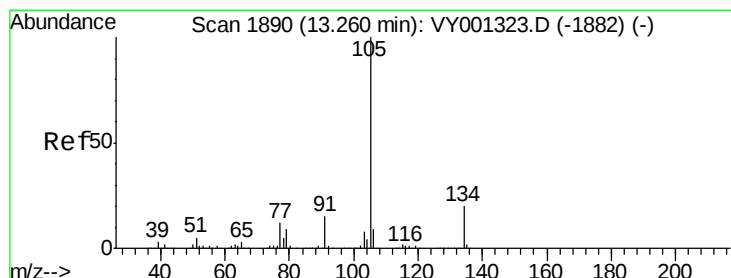
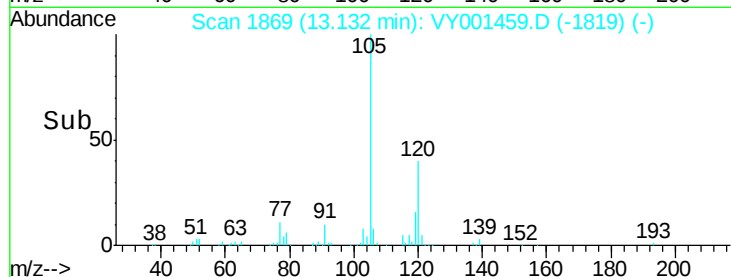
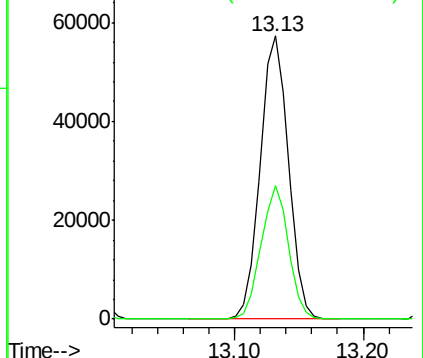
105 100

120 45.9 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.855 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001459.D

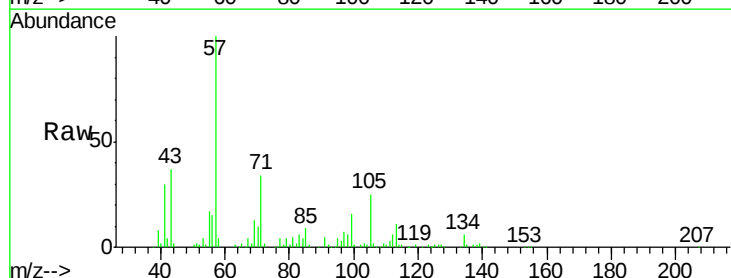
Acq: 31 Jan 2020 16:37

Tgt Ion:105 Resp: 14463

Ion Ratio Lower Upper

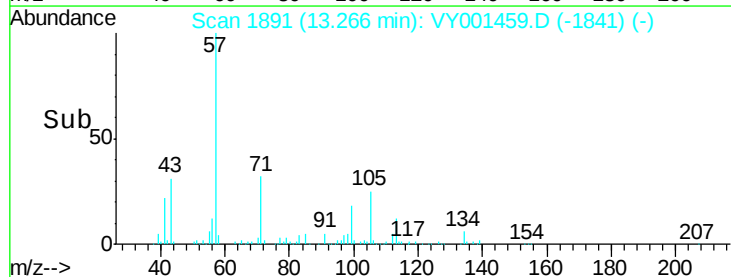
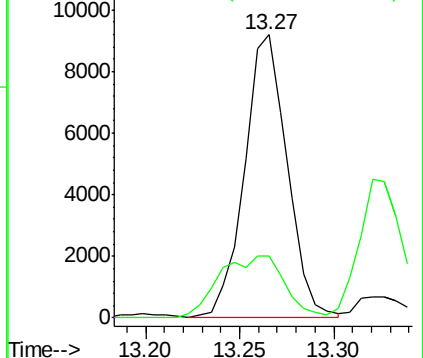
105 100

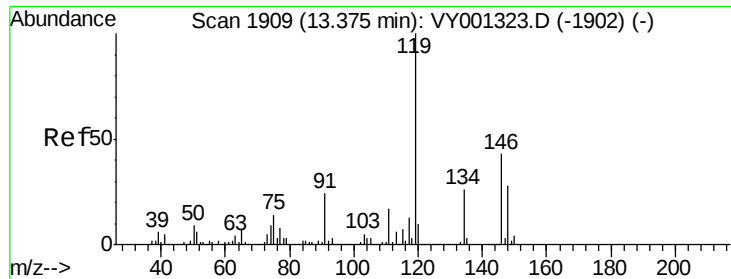
134 33.6 9.8 29.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

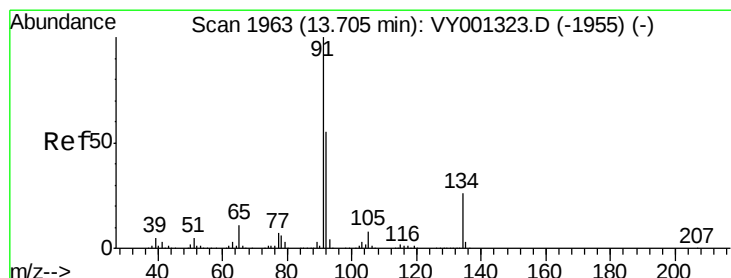
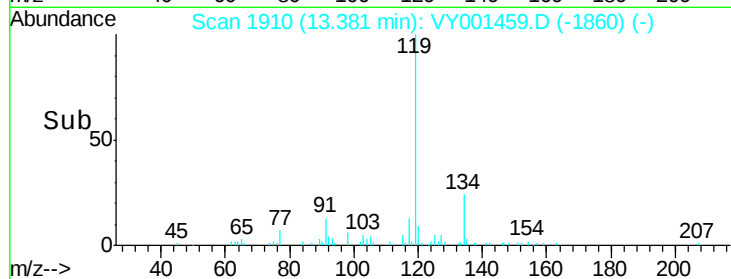
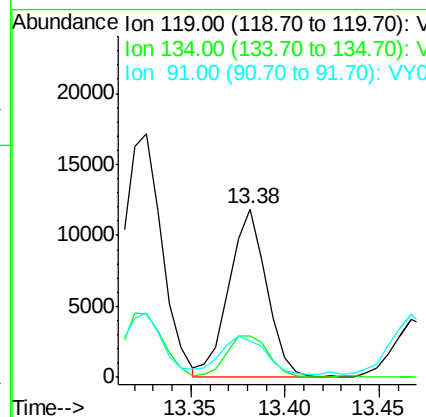
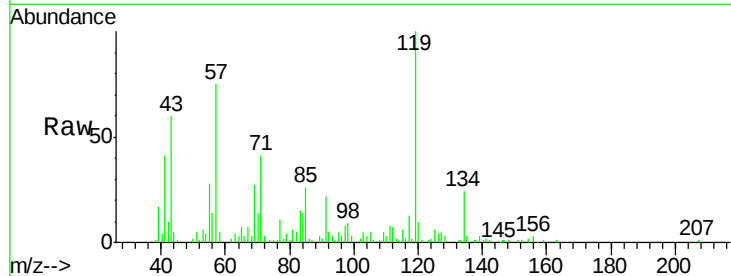




#86
p-Isopropyltoluene
Concen: 2.361 ug/l
RT: 13.38 min Scan# 1910
Delta R.T. 0.01 min
Lab File: VY001459.D
Acq: 31 Jan 2020 16:37

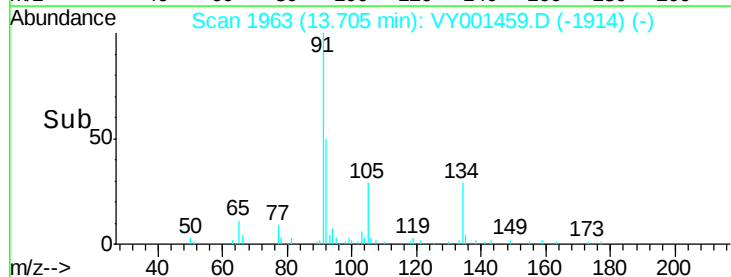
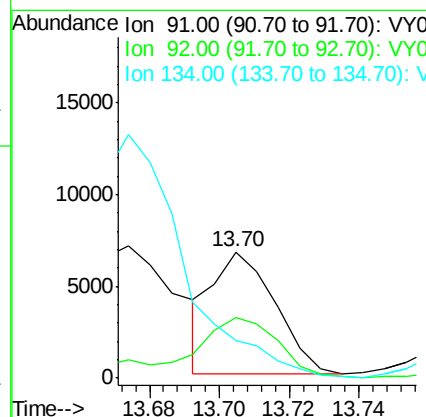
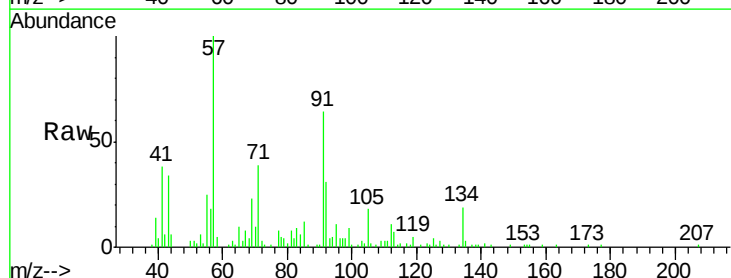
Instrument :
MSVOA_Y
ClientSampled :
TAL-3

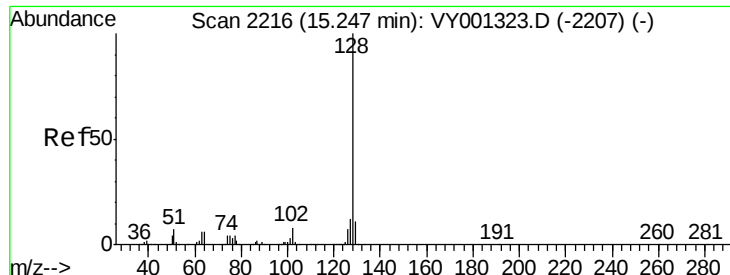
Tot Ion:119 Resp: 16221
Ion Ratio Lower Upper
119 100
134 28.4 13.5 40.4
91 27.4 12.2 36.6



#89
n-Butylbenzene
Concen: 1.180 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001459.D
Acq: 31 Jan 2020 16:37

Tgt Ion: 91 Resp: 8158
Ion Ratio Lower Upper
91 100
92 76.3 27.6 82.8
134 0.0 12.9 38.6#





#95
Naphthalene
Concen: 6.785 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001459.D
Acq: 31 Jan 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
TAL-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.2
129	12.1	8.7	13.1

