

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000825.D
 Acq On : 27 Nov 2019 17:31
 Operator : SY/MD
 Sample : K5676-35
 Misc : 7.26G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-01-112719

Quant Time: Nov 29 05:55:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

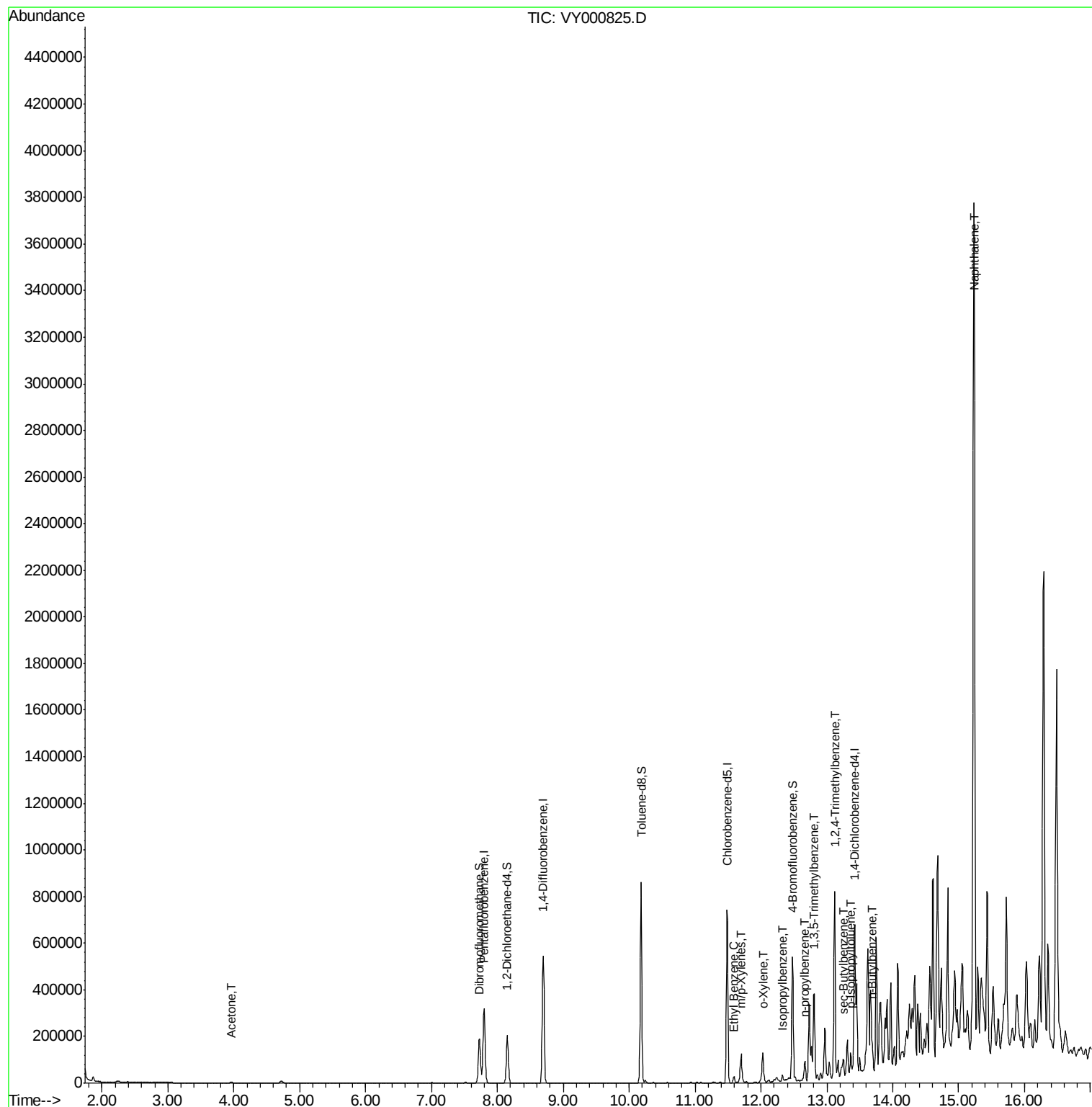
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	243247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	459447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	383209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	146298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	151762	58.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.44%	
35) Dibromofluoromethane	7.72	113	134968	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
50) Toluene-d8	10.18	98	543322	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.48	95	162278	40.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.72%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	6809	11.484	ug/l #	80
67) Ethyl Benzene	11.59	91	17857	1.204	ug/l	100
68) m/p-Xylenes	11.69	106	35146	6.312	ug/l	98
69) o-Xylene	12.03	106	31797	6.124	ug/l	93
73) Isopropylbenzene	12.33	105	16310	1.400	ug/l	98
78) n-propylbenzene	12.67	91	64207	4.514	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	112073	11.620	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	435558	45.139	ug/l	99
85) sec-Butylbenzene	13.25	105	45948	3.896	ug/l	96
86) p-Isopropyltoluene	13.37	119	28646	2.793	ug/l	97
89) n-Butylbenzene	13.69	91	54602	5.265	ug/l #	77
95) Naphthalene	15.23	128	2960988	422.967	ug/l	100

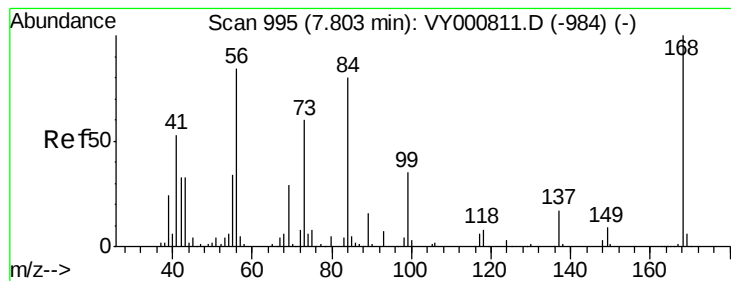
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
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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: VY000825.D

Acq: 27 Nov 2019 17:31

Instrument :

MSVOA_Y

ClientSampleId :

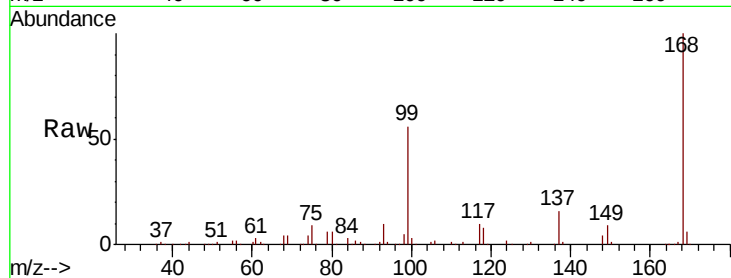
SU-01-112719

Tot Ion:168 Resp: 243247

Ion Ratio Lower Upper

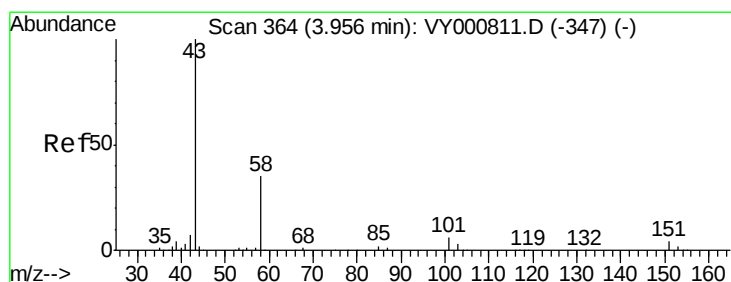
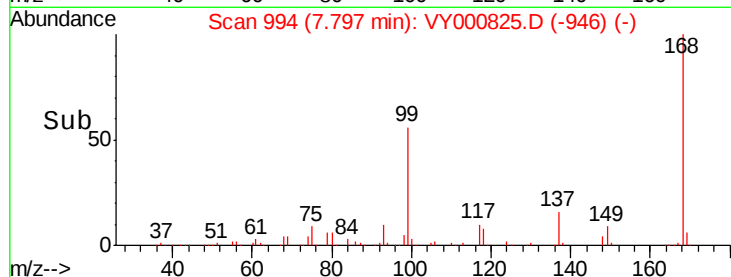
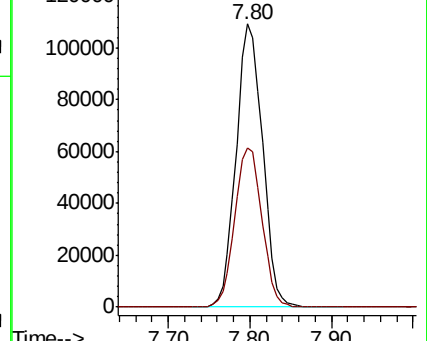
168 100

99 56.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)



#16

Acetone

Concen: 11.484 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000825.D

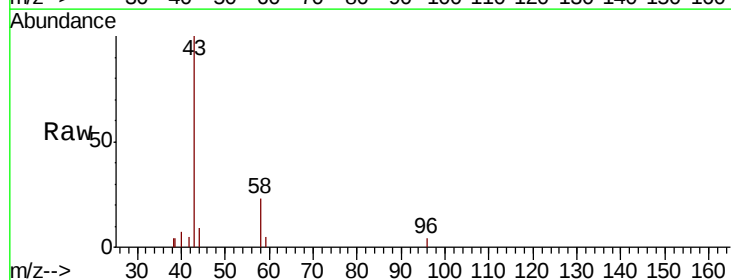
Acq: 27 Nov 2019 17:31

Tgt Ion: 43 Resp: 6809

Ion Ratio Lower Upper

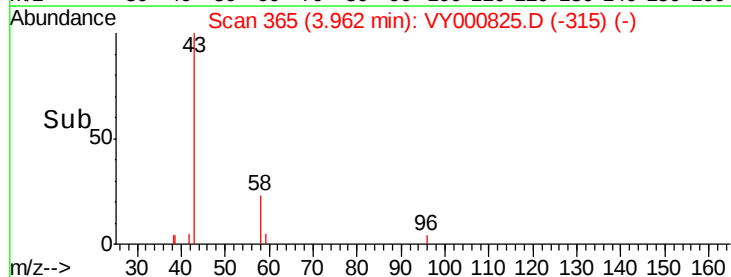
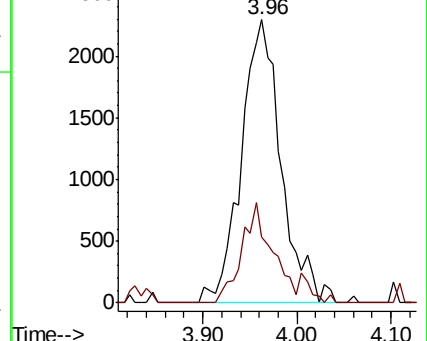
43 100

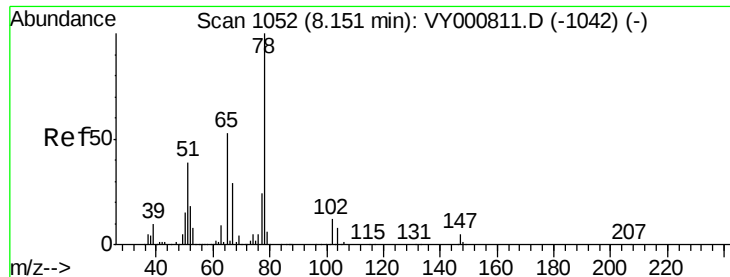
58 23.2 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-347) (-)

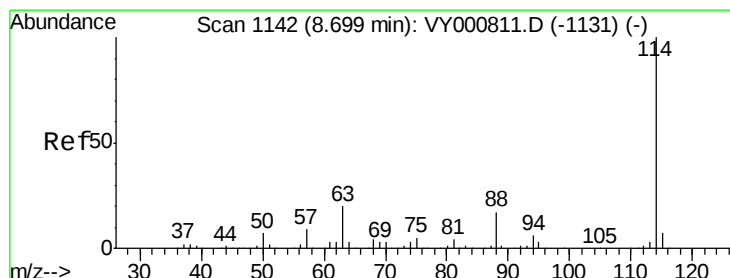
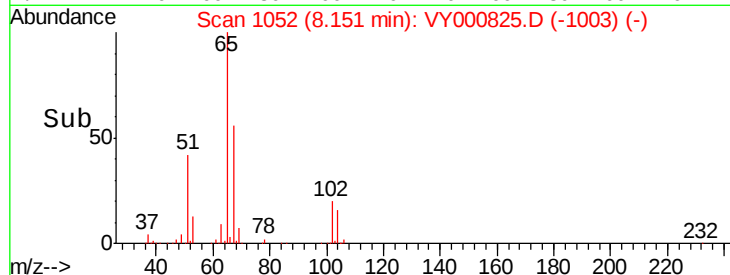
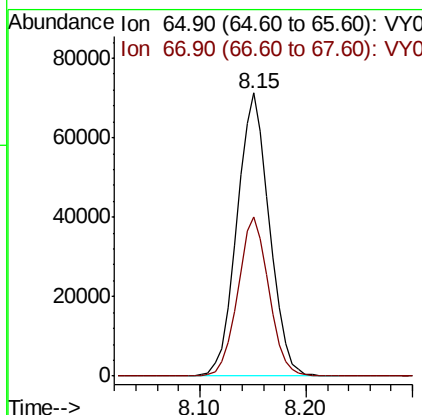
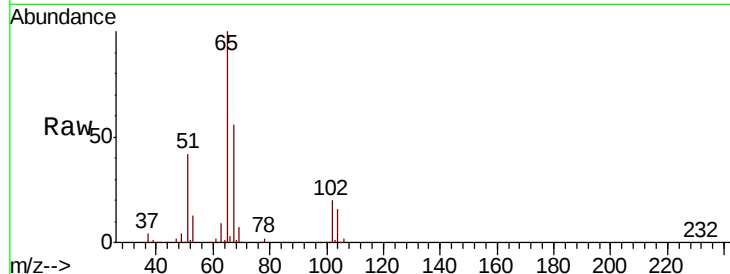




#33
 1,2-Dichloroethane-d4
 Concen: 58.715 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000825.D
 Acq: 27 Nov 2019 17:31

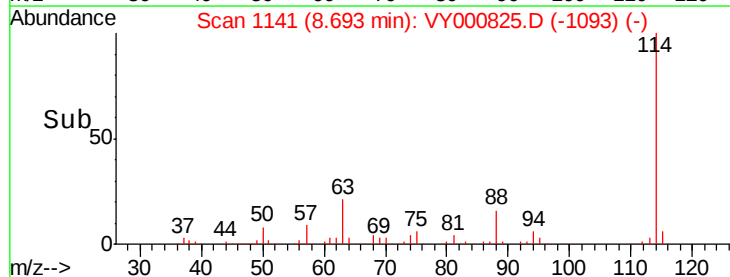
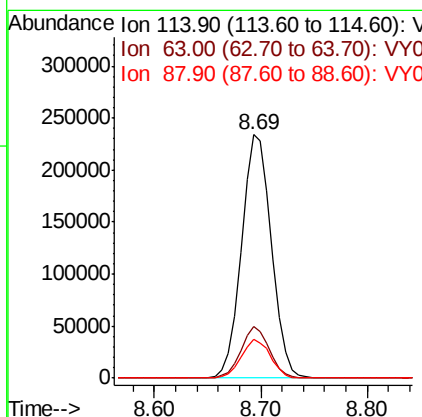
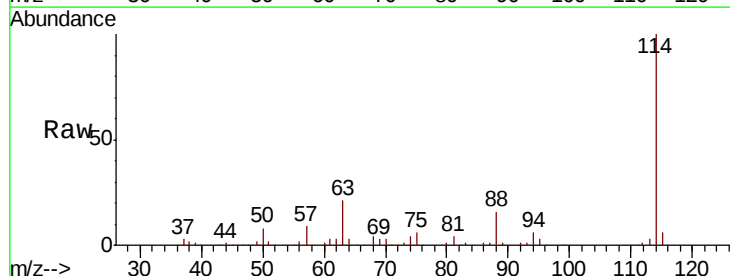
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-01-112719

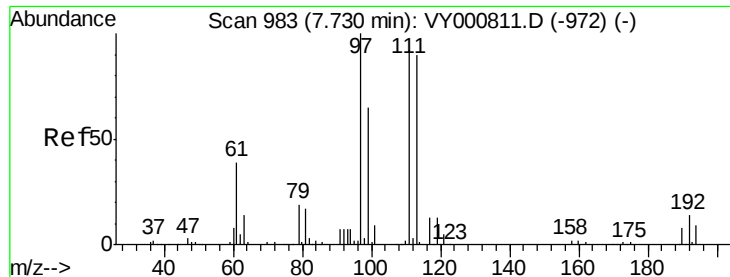
Tot Ion: 65 Resp: 151762
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000825.D
 Acq: 27 Nov 2019 17:31

Tgt Ion: 114 Resp: 459447
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.8
 88 15.7 0.0 33.2

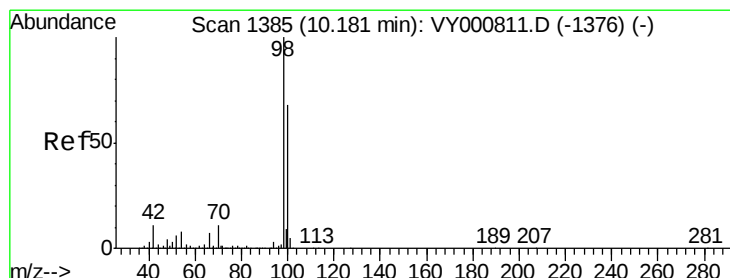
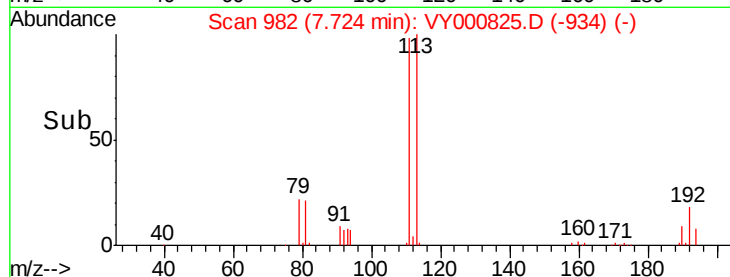
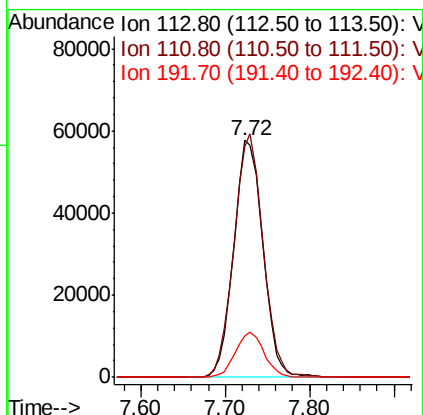
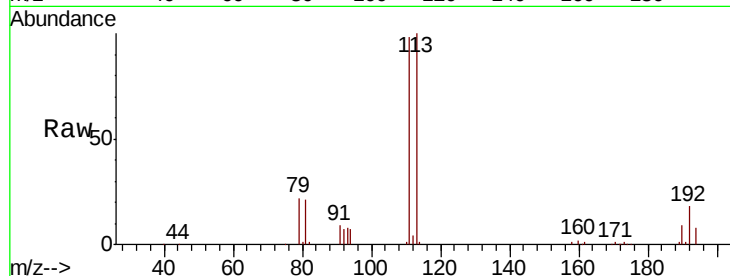




#35
Dibromofluoromethane
Concen: 50.405 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000825.D
Acq: 27 Nov 2019 17:31

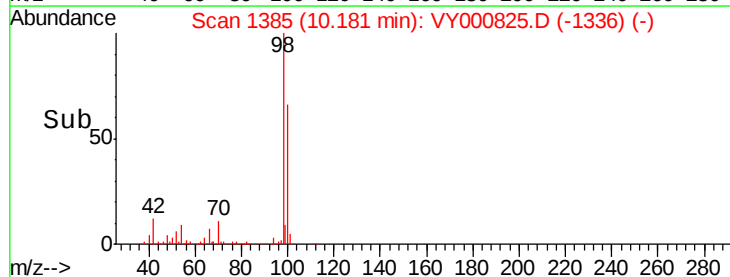
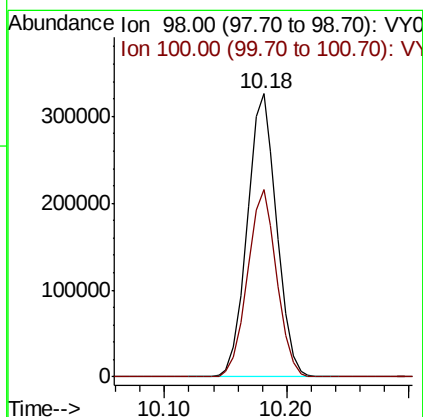
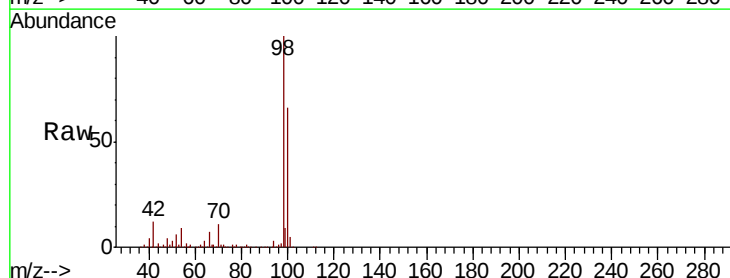
Instrument :
MSVOA_Y
ClientSampleId :
SU-01-112719

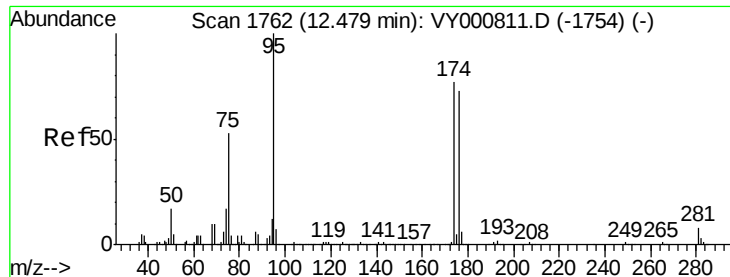
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	18.6	14.2	21.2



#50
Toluene-d8
Concen: 50.753 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000825.D
Acq: 27 Nov 2019 17:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7

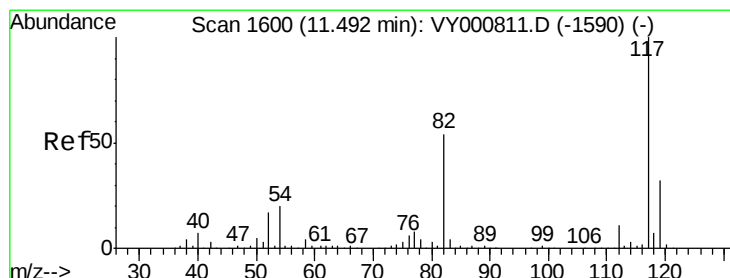
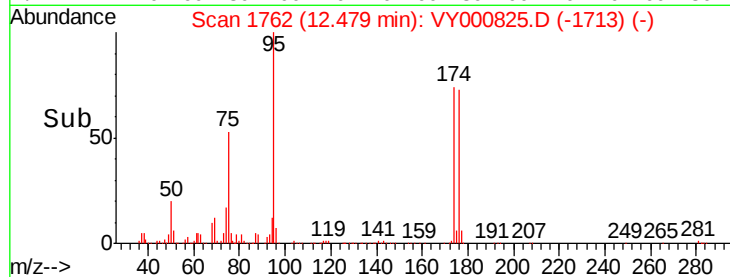
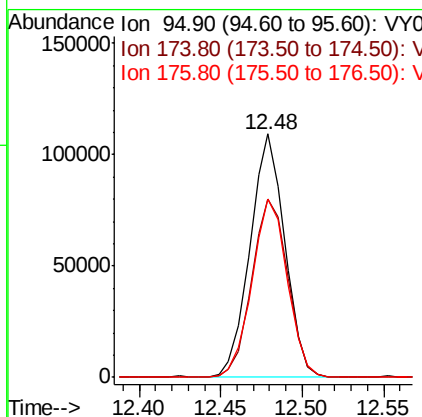
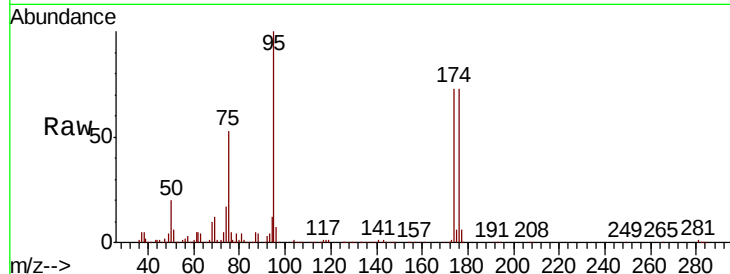




#62
4-Bromofluorobenzene
Concen: 40.364 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000825.D
Acq: 27 Nov 2019 17:31

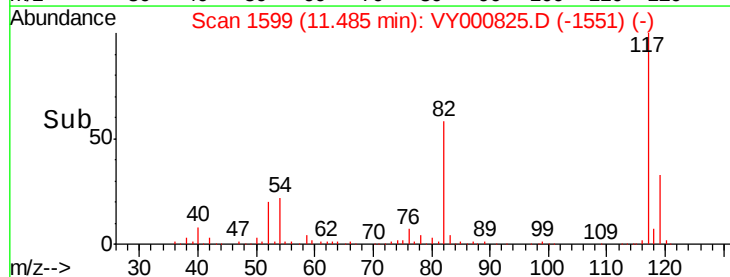
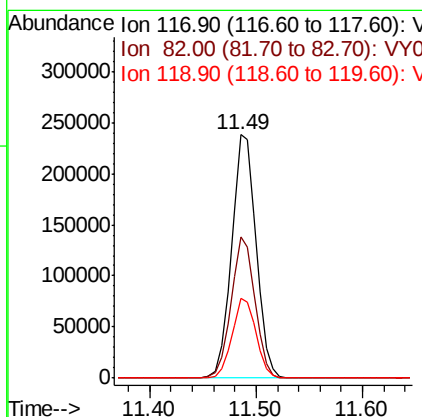
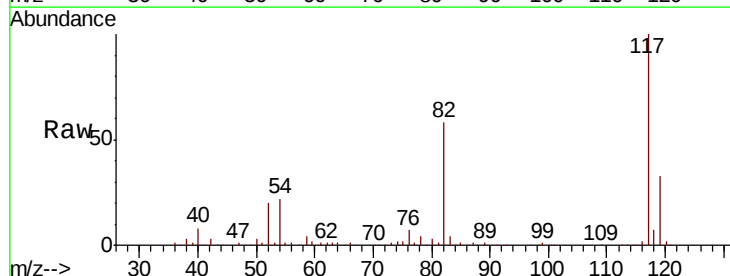
Instrument :
MSVOA_Y
ClientSampled :
SU-01-112719

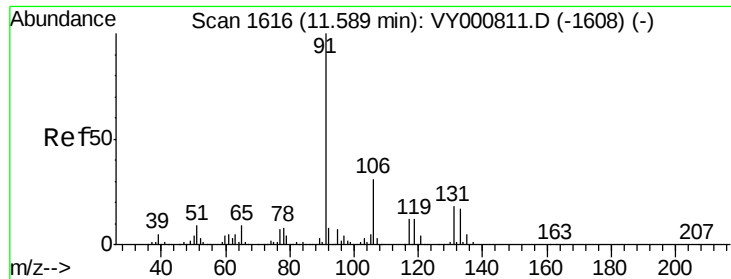
Tot Ion	95	Resp	162278
Ion Ratio	100		
Lower			
Upper			
174	76.0	0.0	150.6
176	74.5	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000825.D
Acq: 27 Nov 2019 17:31

Tgt Ion	117	Resp	383209
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	58.2	43.1	64.7
119	32.9	25.3	37.9

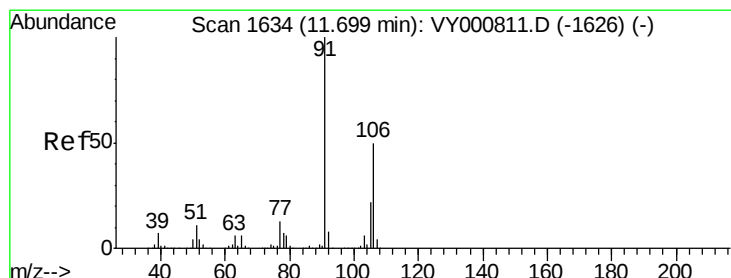
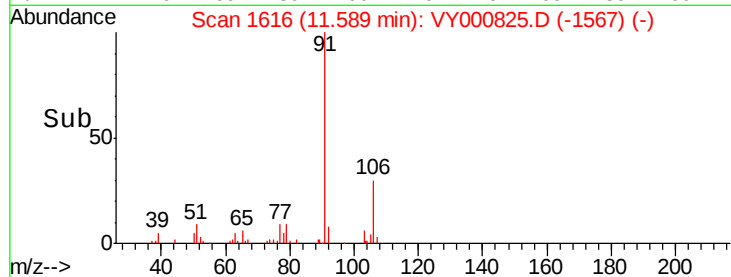
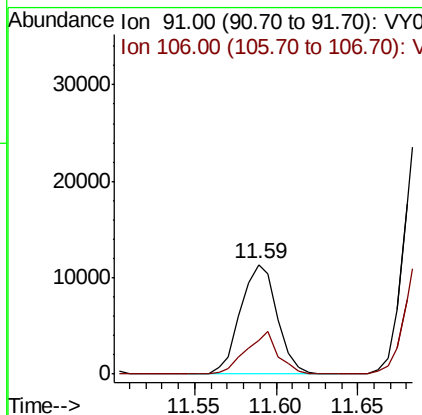
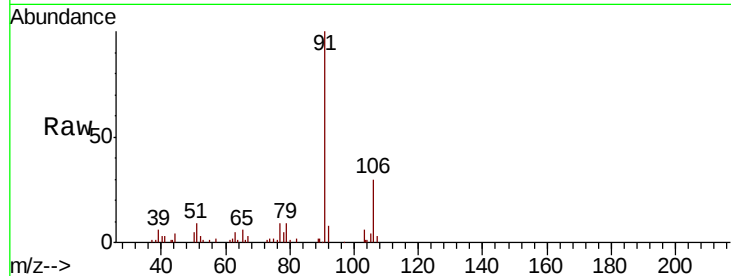




#67
Ethyl Benzene
Concen: 1.204 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000825.D
Acq: 27 Nov 2019 17:31

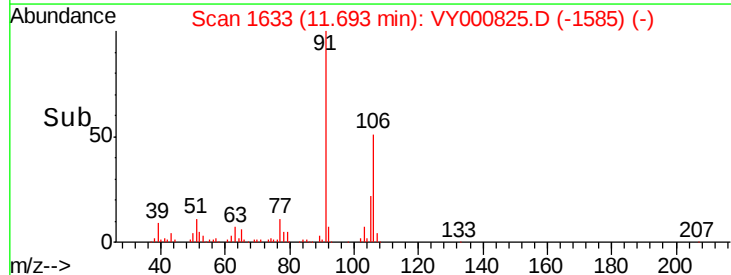
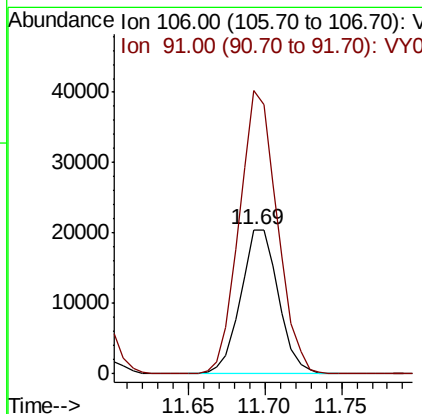
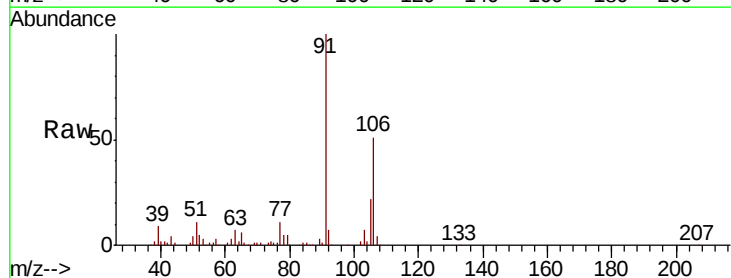
Instrument :
MSVOA_Y
ClientSampleId :
SU-01-112719

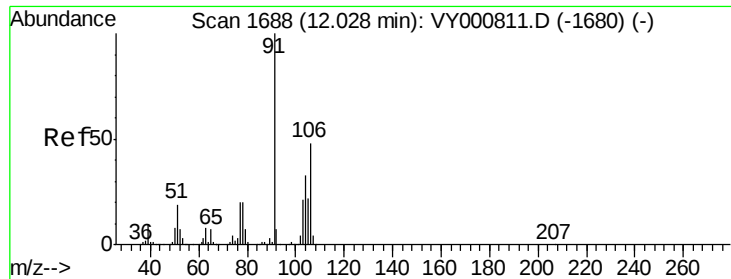
Tot Ion: 91 Resp: 17857
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6



#68
m/p-Xylenes
Concen: 6.312 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY000825.D
Acq: 27 Nov 2019 17:31

Tgt Ion: 106 Resp: 35146
Ion Ratio Lower Upper
106 100
91 196.9 159.6 239.4

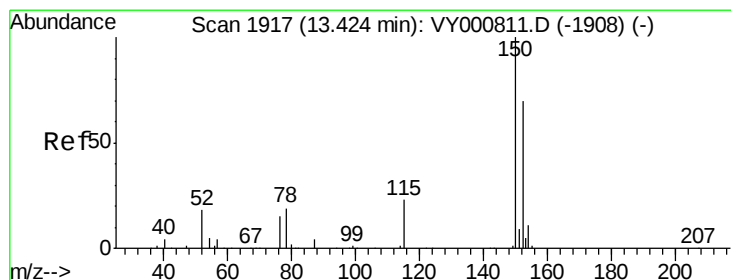
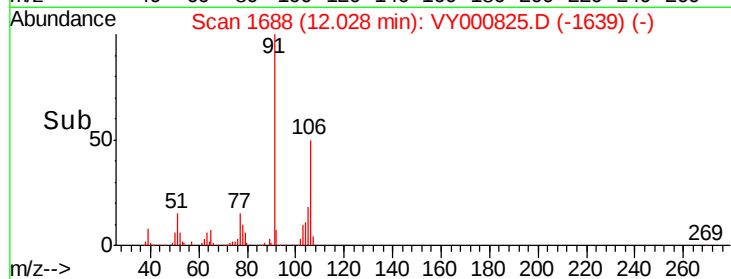
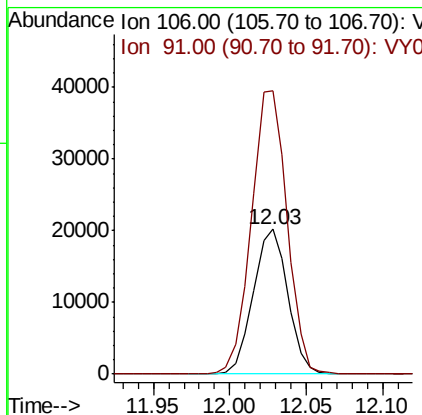
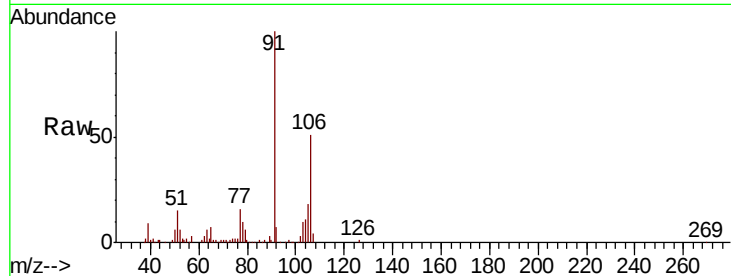




#69
o-Xylene
Concen: 6.124 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000825.D
Acq: 27 Nov 2019 17:31

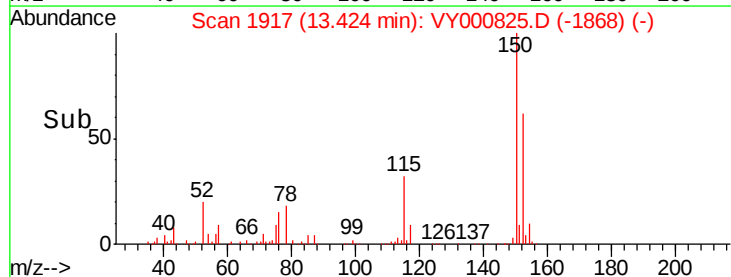
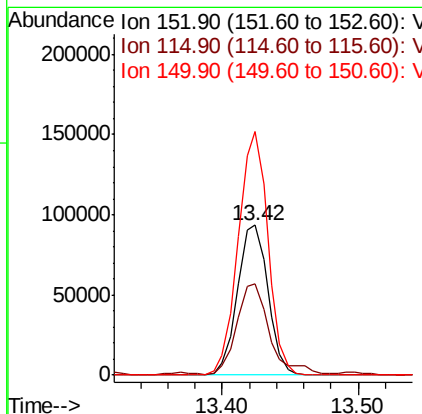
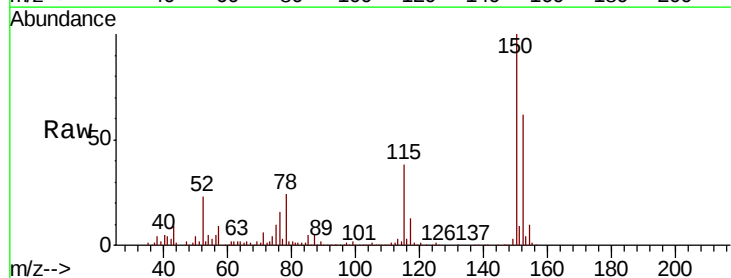
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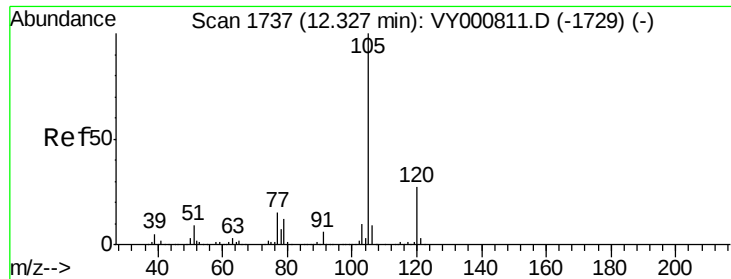
Tot Ion:106 Resp: 31797
Ion Ratio Lower Upper
106 100
91 201.7 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000825.D
Acq: 27 Nov 2019 17:31

Tgt Ion:152 Resp: 146298
Ion Ratio Lower Upper
152 100
115 64.6 29.3 87.8
150 157.8 0.0 351.2





#73

Isopropylbenzene

Concen: 1.400 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000825.D

Acq: 27 Nov 2019 17:31

Instrument :

MSVOA_Y

ClientSampleId :

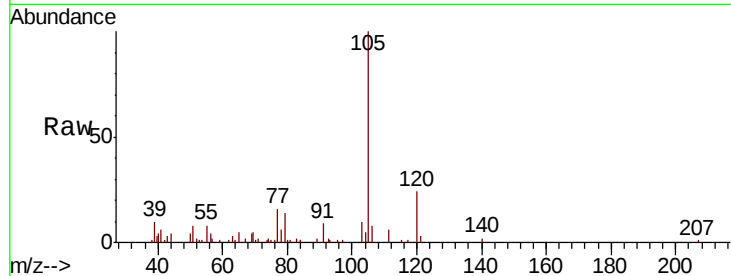
SU-01-112719

Tot Ion:105 Resp: 16310

Ion Ratio Lower Upper

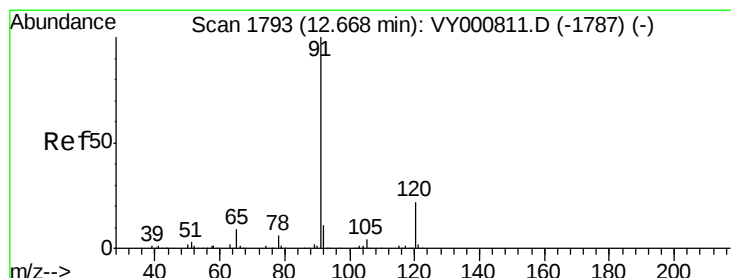
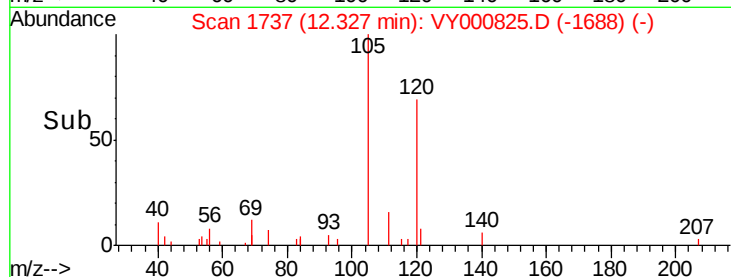
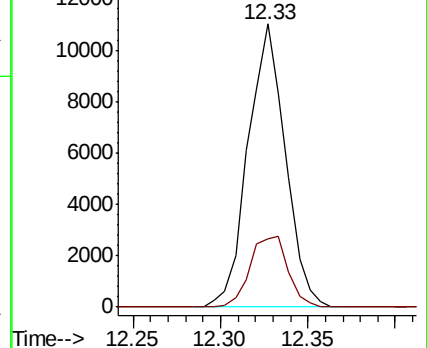
105 100

120 25.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 4.514 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000825.D

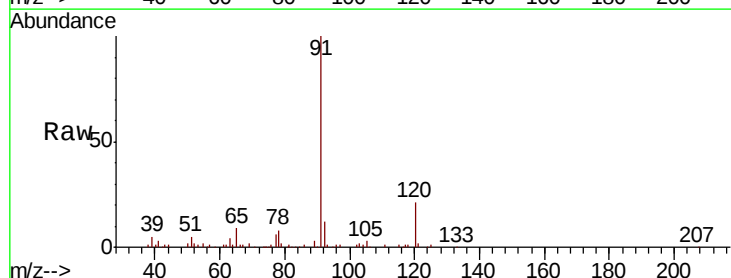
Acq: 27 Nov 2019 17:31

Tgt Ion: 91 Resp: 64207

Ion Ratio Lower Upper

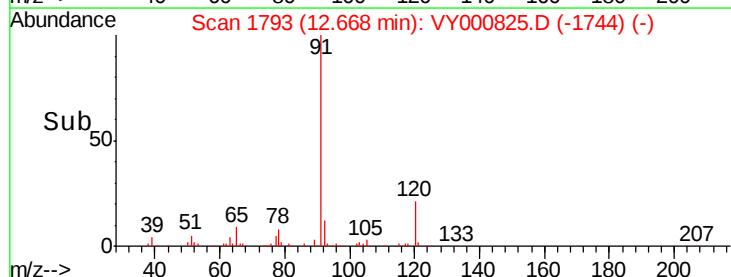
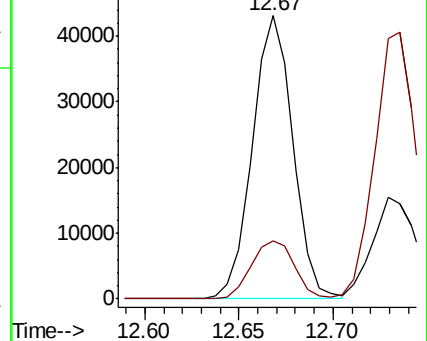
91 100

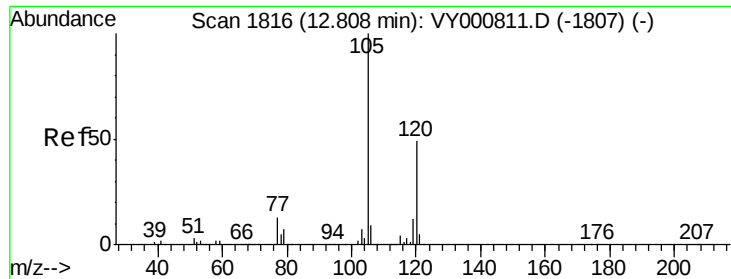
120 21.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 11.620 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000825.D

Acq: 27 Nov 2019 17:31

Instrument :

MSVOA_Y

ClientSampleId :

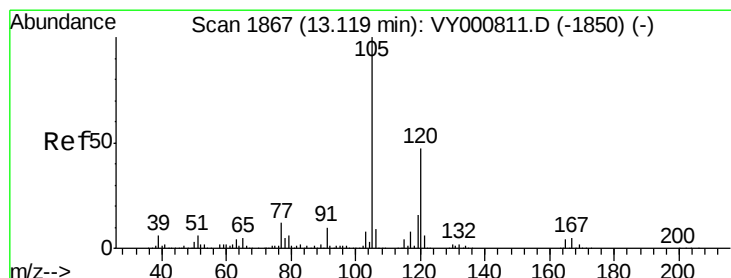
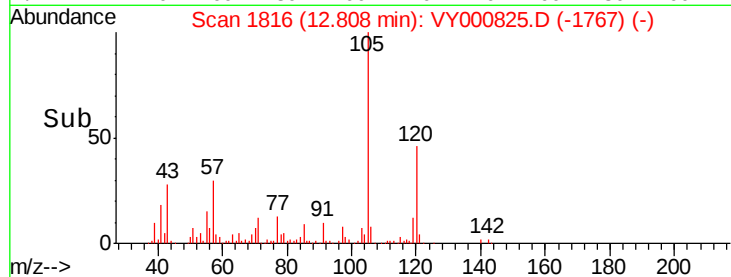
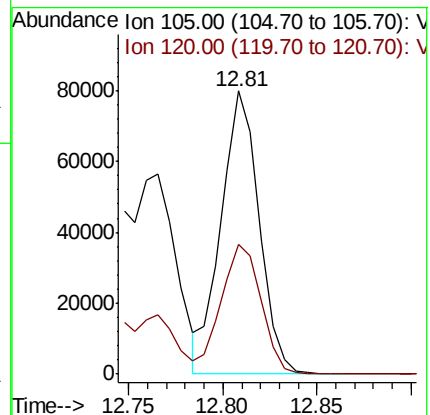
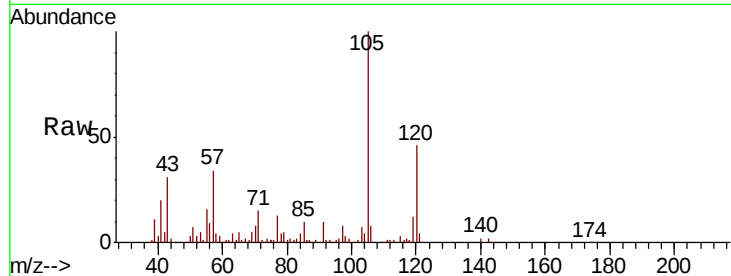
SU-01-112719

Tot Ion:105 Resp: 112073

Ion Ratio Lower Upper

105 100

120 48.1 24.6 74.0



#84

1,2,4-Trimethylbenzene

Concen: 45.139 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000825.D

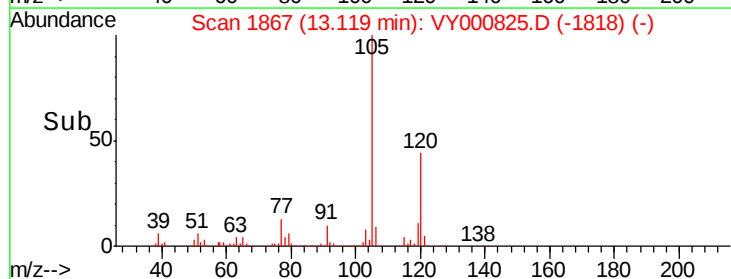
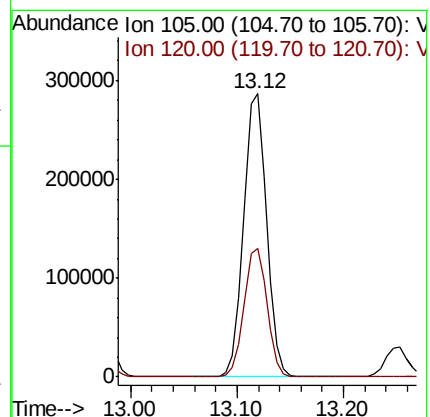
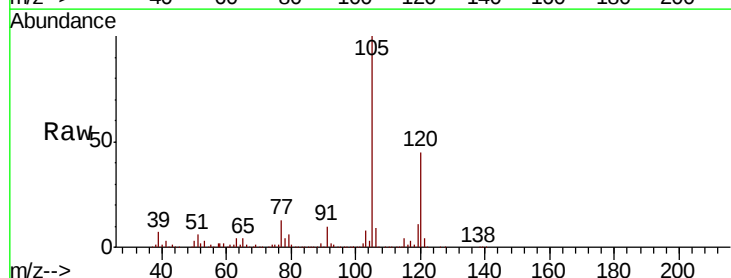
Acq: 27 Nov 2019 17:31

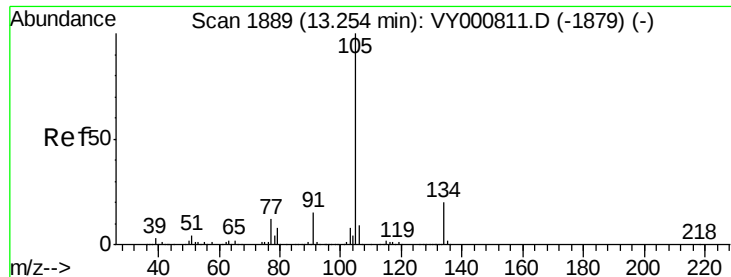
Tgt Ion:105 Resp: 435558

Ion Ratio Lower Upper

105 100

120 45.7 22.6 67.8





#85

sec-Butylbenzene

Concen: 3.896 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000825.D

Acq: 27 Nov 2019 17:31

Instrument :

MSVOA_Y

ClientSampleId :

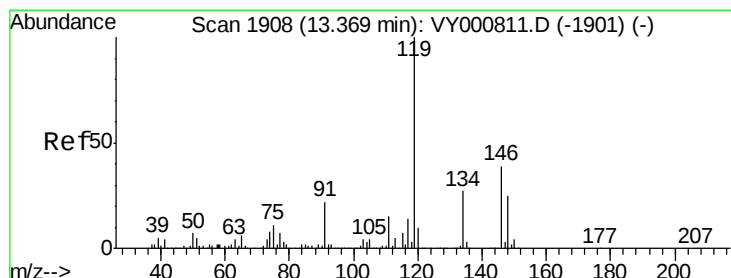
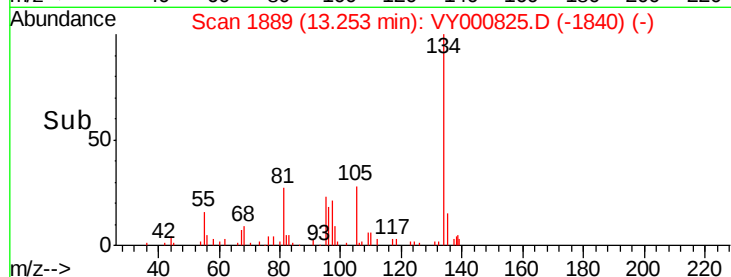
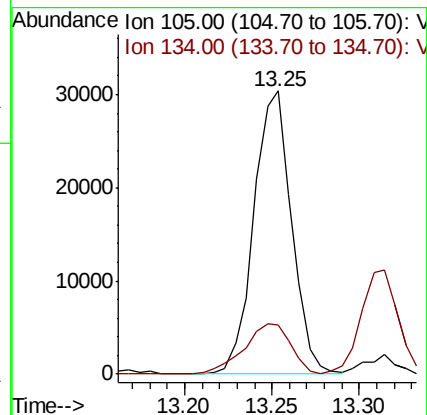
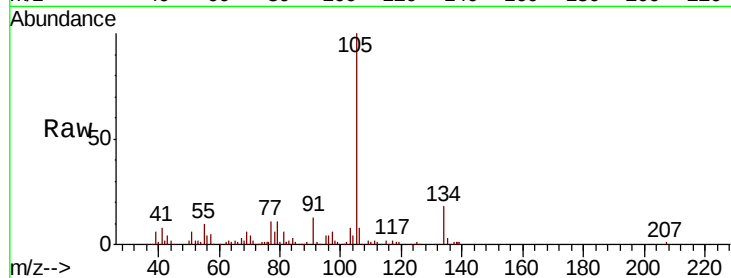
SU-01-112719

Tot Ion:105 Resp: 45948

Ion Ratio Lower Upper

105 100

134 22.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 2.793 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000825.D

Acq: 27 Nov 2019 17:31

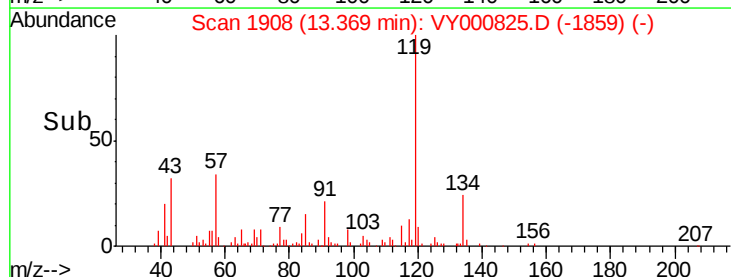
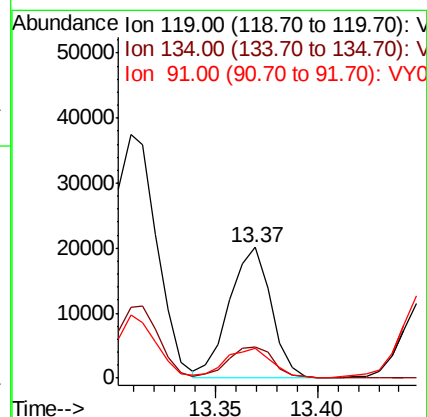
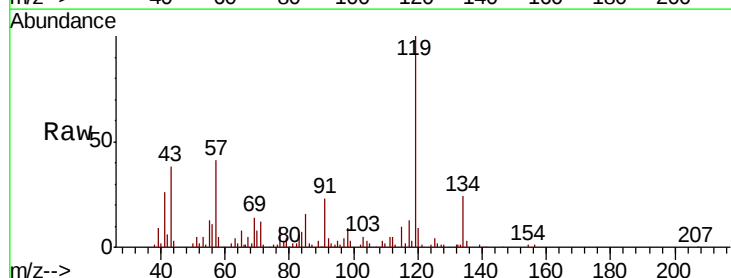
Tgt Ion:119 Resp: 28646

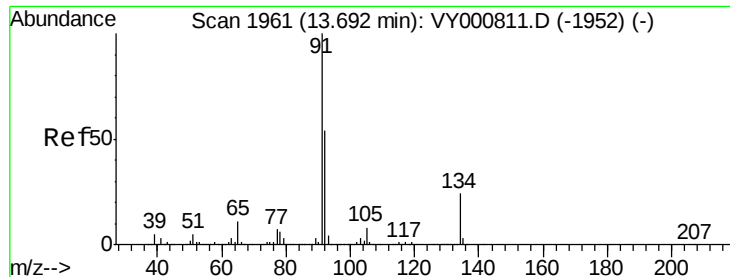
Ion Ratio Lower Upper

119 100

134 26.0 13.5 40.4

91 25.6 11.5 34.5

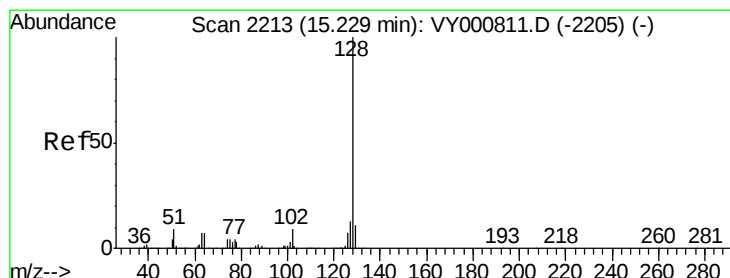
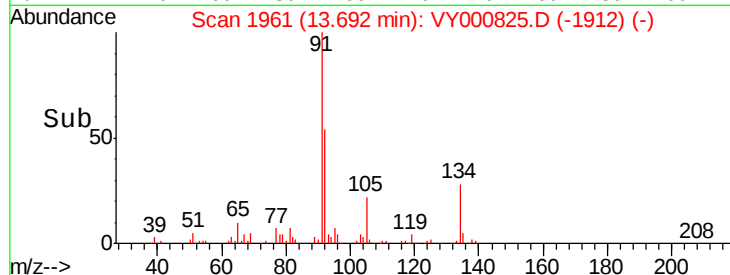
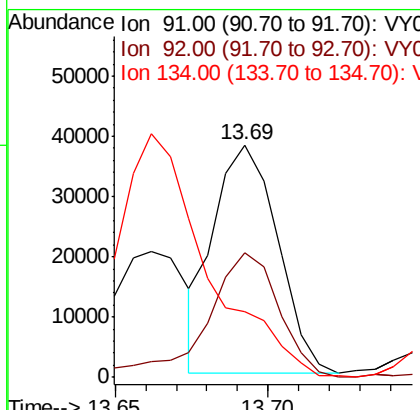
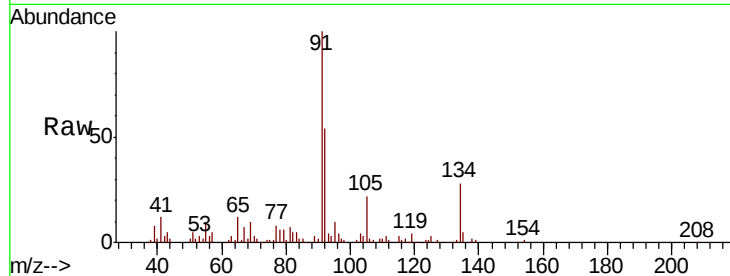




#89
n-Butylbenzene
Concen: 5.265 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000825.D
Acq: 27 Nov 2019 17:31

Instrument :
MSVOA_Y
ClientSampleId :
SU-01-112719

Tot Ion: 91 Resp: 54602
Ion Ratio Lower Upper
91 100
92 61.2 26.9 80.7
134 0.0 12.6 37.6#



#95
Naphthalene
Concen: 422.967 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000825.D
Acq: 27 Nov 2019 17:31

Tgt Ion: 128 Resp: 2960988
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 11.0 8.8 13.2

