

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
 Data File : VY003149.D
 Acq On : 09 Jul 2020 17:21
 Operator : SY/MD
 Sample : L3255-11
 Misc : 7.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-31

Quant Time: Jul 10 04:35:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

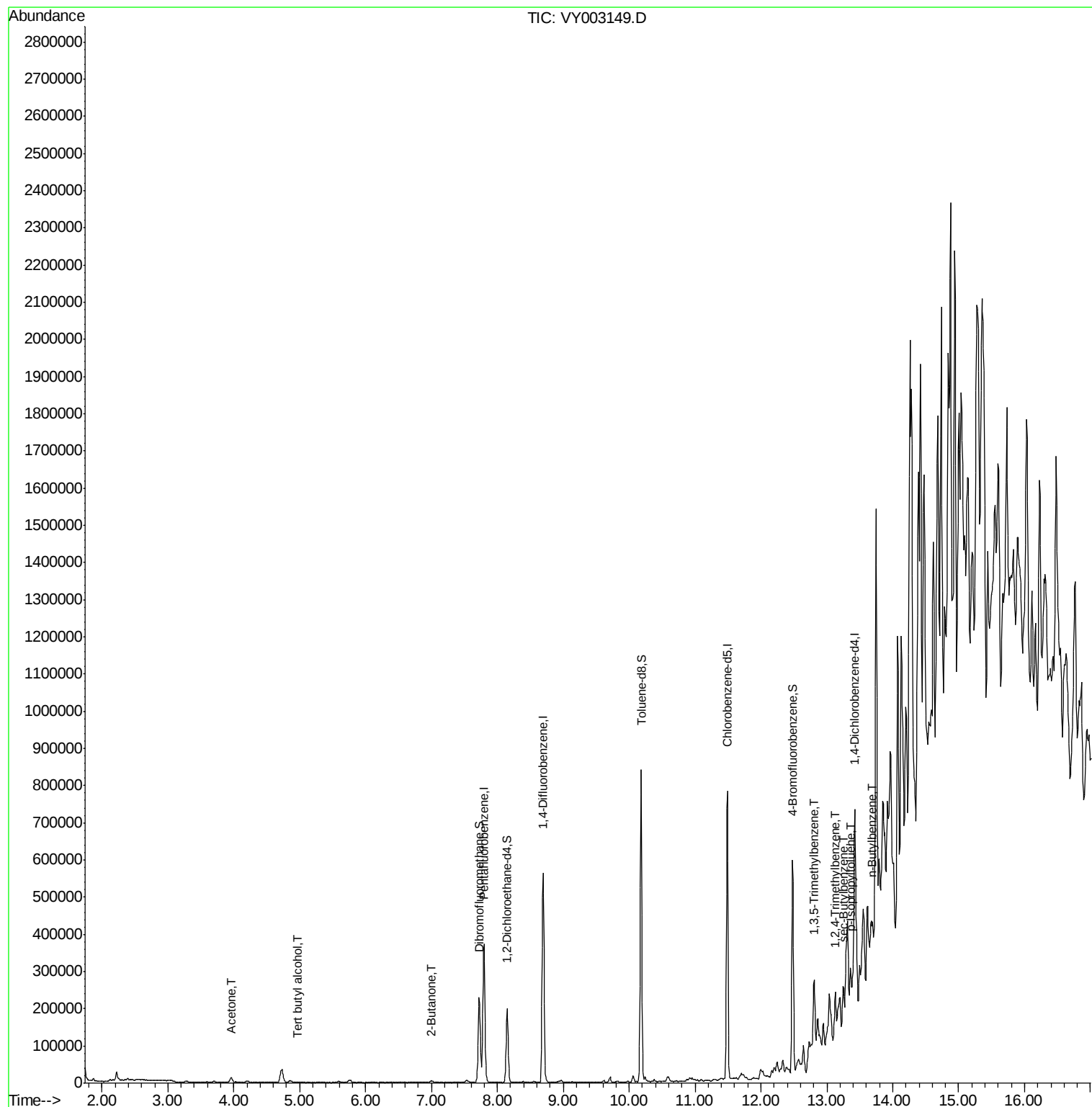
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	303494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	482638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	427882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	143732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	160627	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
35) Dibromofluoromethane	7.72	113	158455	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	10.18	98	566108	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.48	95	161050	40.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.58%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	1880	6.120	ug/l #	82
16) Acetone	3.96	43	22158	31.168	ug/l	100
25) 2-Butanone	7.00	43	8110	7.181	ug/l #	85
80) 1,3,5-Trimethylbenzene	12.81	105	10892	1.380	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	38874	4.887	ug/l	95
85) sec-Butylbenzene	13.25	105	15347	1.606	ug/l #	75
86) p-Isopropyltoluene	13.37	119	18485	2.088	ug/l	97
89) n-Butylbenzene	13.69	91	13384	1.580	ug/l #	69

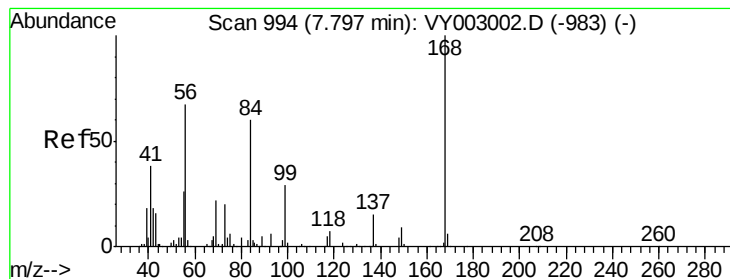
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
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MSVOA_Y
ClientSampleId :
CHRT-31

Quant Time: Jul 10 04:35:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003149.D

Acq: 09 Jul 2020 17:21

Instrument :

MSVOA_Y

ClientSampleId :

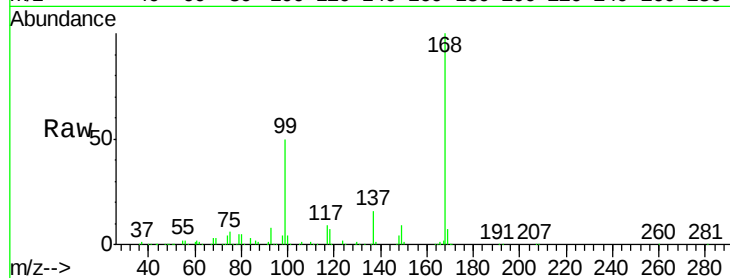
CHRT-31

Tot Ion:168 Resp: 303494

Ion Ratio Lower Upper

168 100

99 49.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003149.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003149.D (-945) (-)

7.80

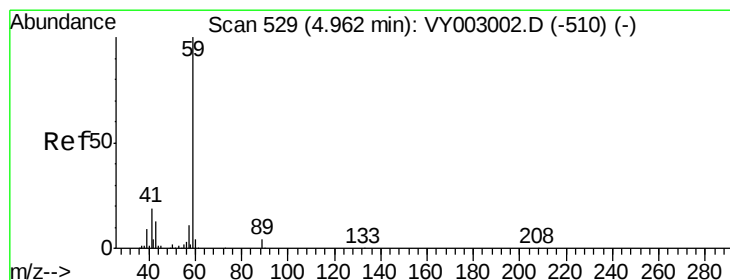
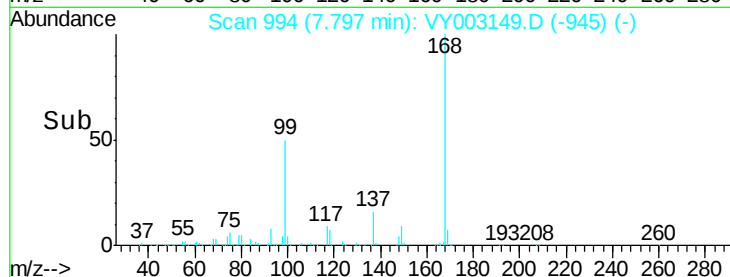
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.120 ug/l

RT: 4.96 min Scan# 529

Delta R.T. 0.00 min

Lab File: VY003149.D

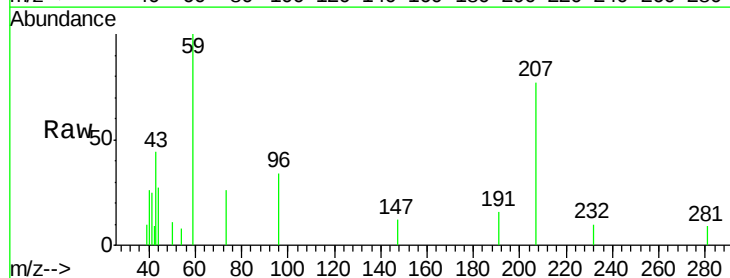
Acq: 09 Jul 2020 17:21

Tgt Ion: 59 Resp: 1880

Ion Ratio Lower Upper

59 100

57 3.5 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VY003149.D (-480) (-)

Ion 57.00 (56.70 to 57.70): VY003149.D (-480) (-)

4.96

800

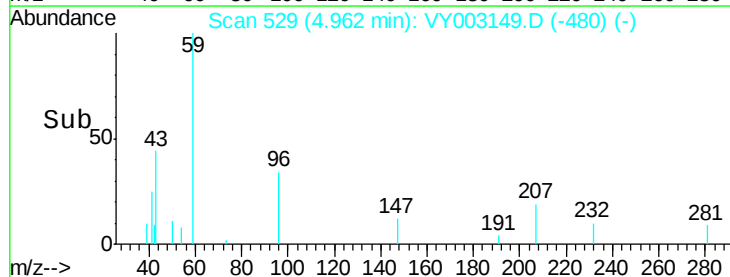
600

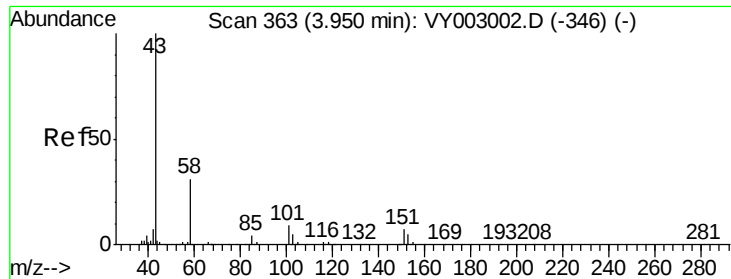
400

200

0

Time-->

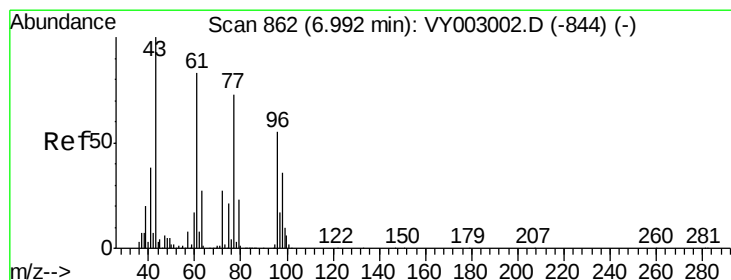
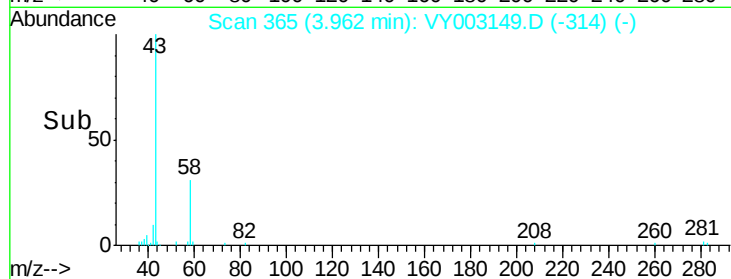
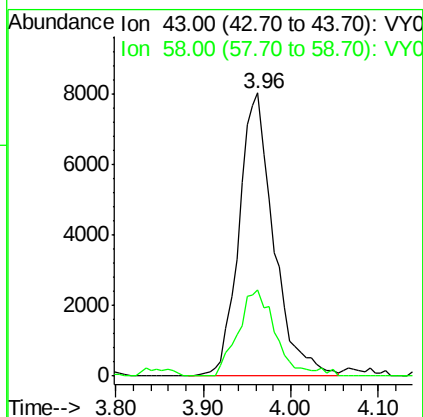
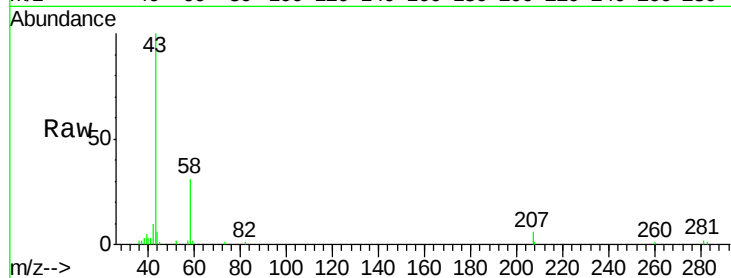




#16
Acetone
Concen: 31.168 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY003149.D
Acq: 09 Jul 2020 17:21

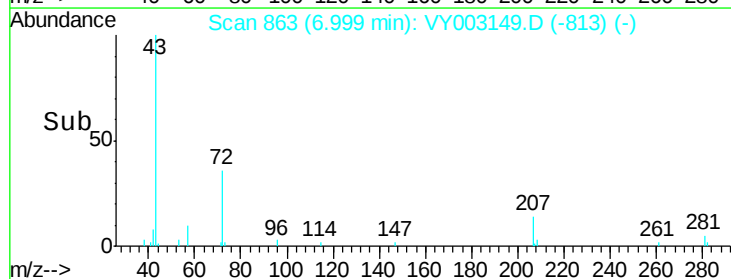
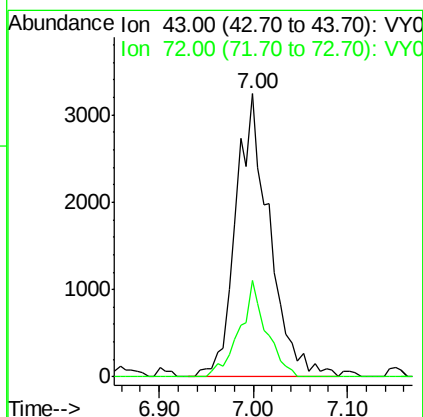
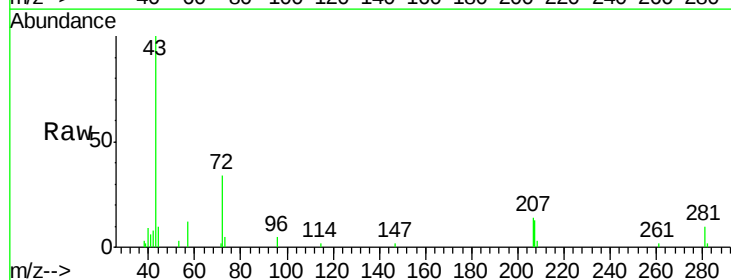
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-31

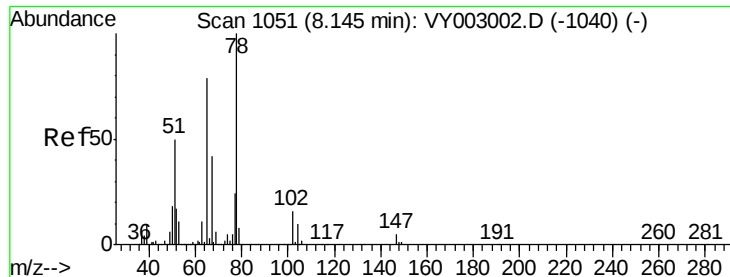
Tot Ion: 43 Resp: 22158
Ion Ratio Lower Upper
43 100
58 30.6 24.7 37.1



#25
2-Butanone
Concen: 7.181 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003149.D
Acq: 09 Jul 2020 17:21

Tgt Ion: 43 Resp: 8110
Ion Ratio Lower Upper
43 100
72 34.2 21.4 32.0#

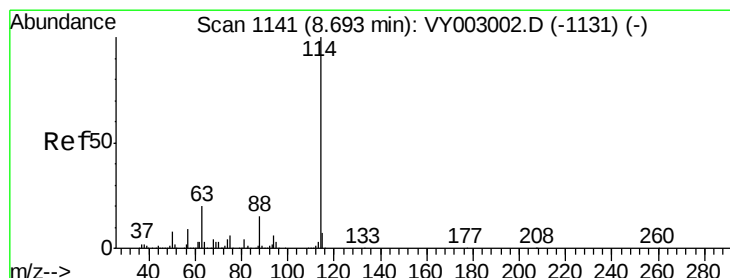
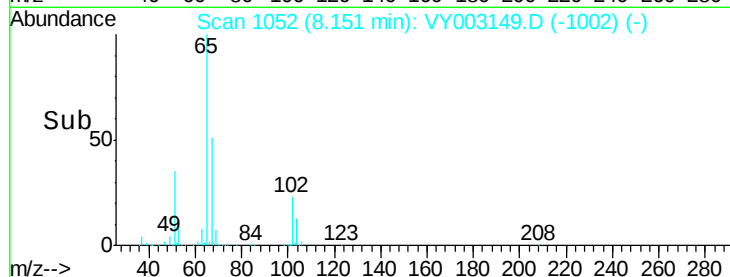
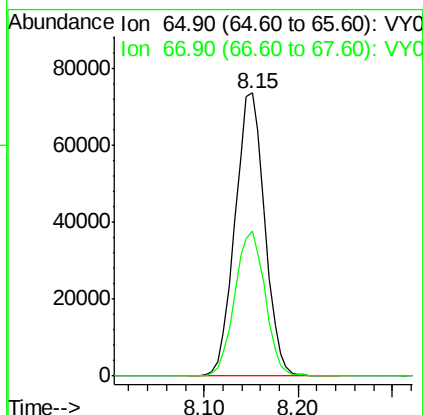
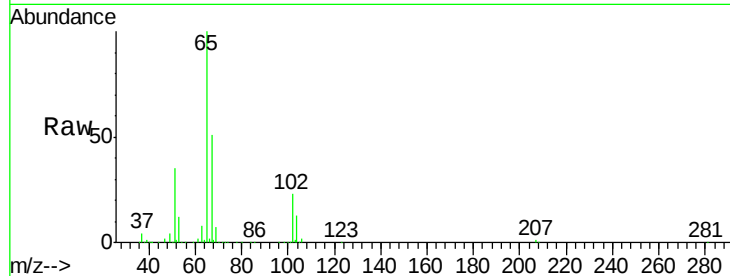




#33
 1,2-Dichloroethane-d4
 Concen: 53.288 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003149.D
 Acq: 09 Jul 2020 17:21

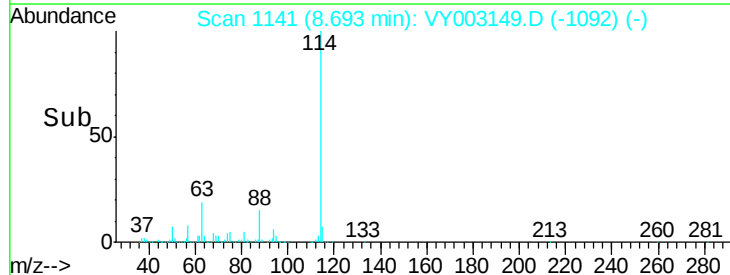
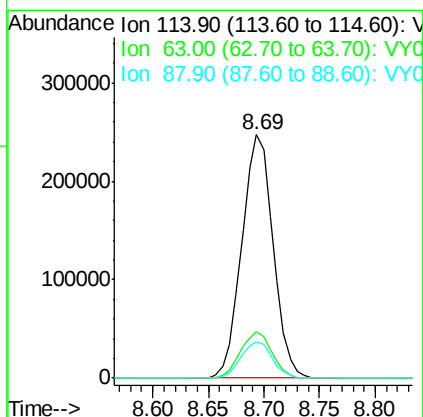
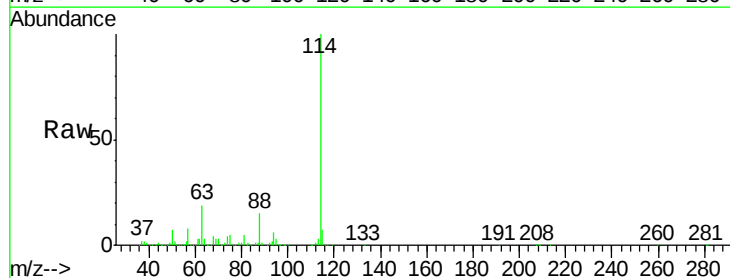
Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-31

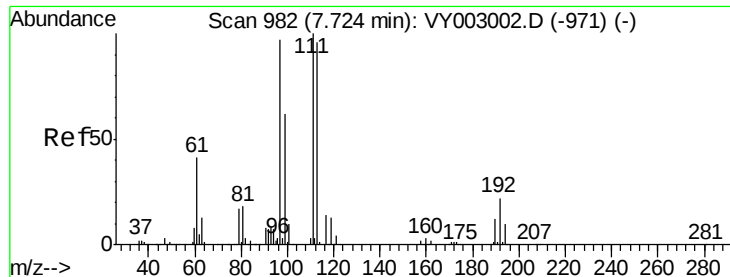
Tot Ion: 65 Resp: 160627
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003149.D
 Acq: 09 Jul 2020 17:21

Tgt Ion: 114 Resp: 482638
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.6
 88 14.7 0.0 30.0

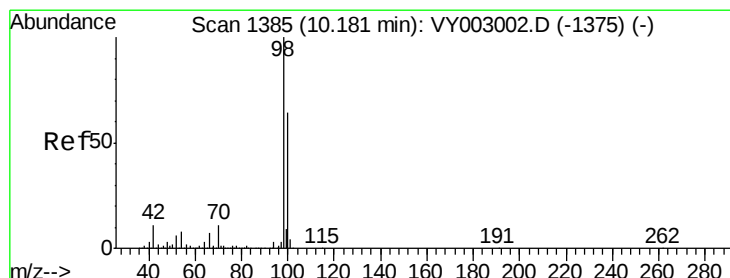
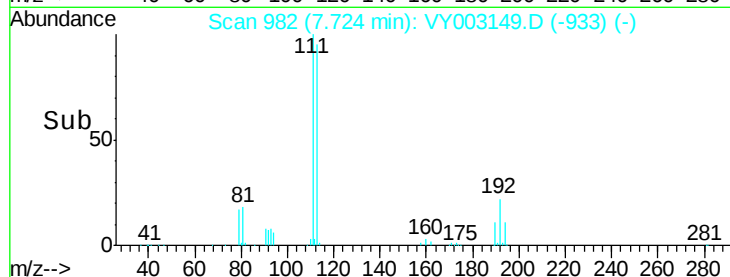
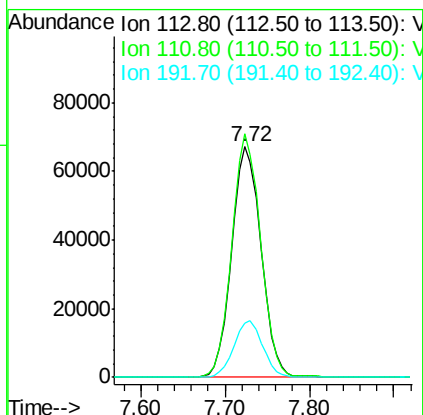
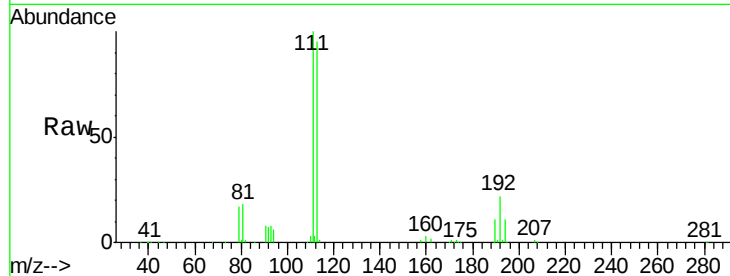




#35
Dibromofluoromethane
Concen: 52.629 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003149.D
Acq: 09 Jul 2020 17:21

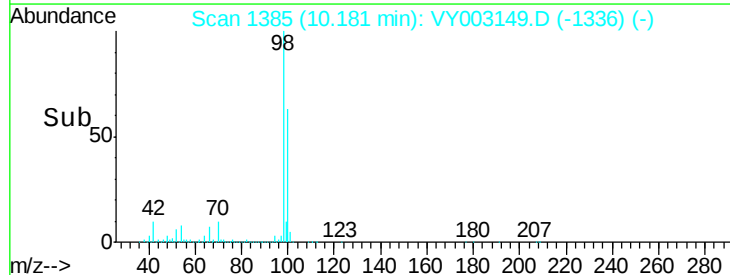
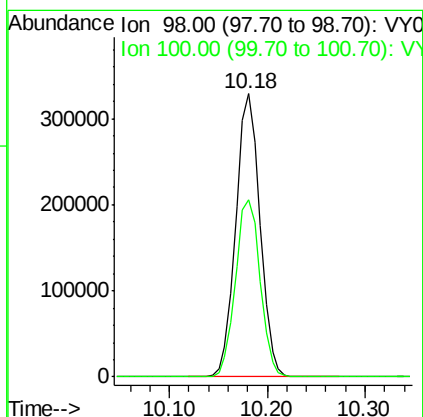
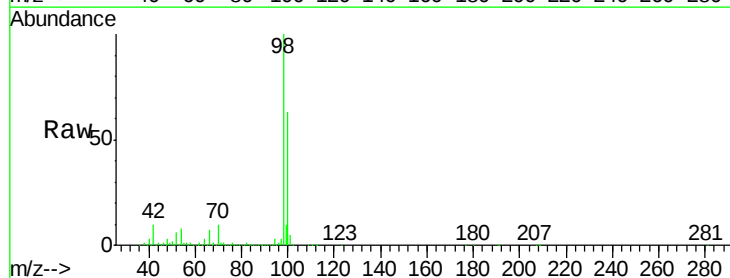
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-31

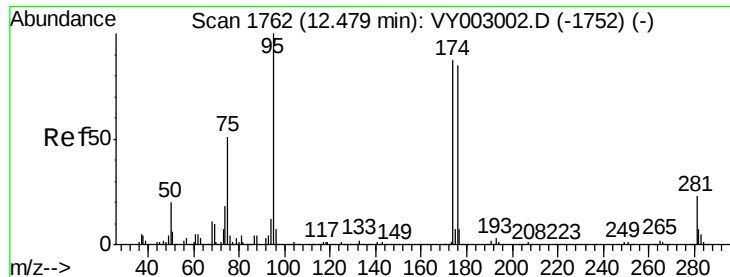
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	24.0	18.1	27.1



#50
Toluene-d8
Concen: 50.471 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003149.D
Acq: 09 Jul 2020 17:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 40.791 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003149.D

Acq: 09 Jul 2020 17:21

Instrument :

MSVOA_Y

ClientSampled :

CHRT-31

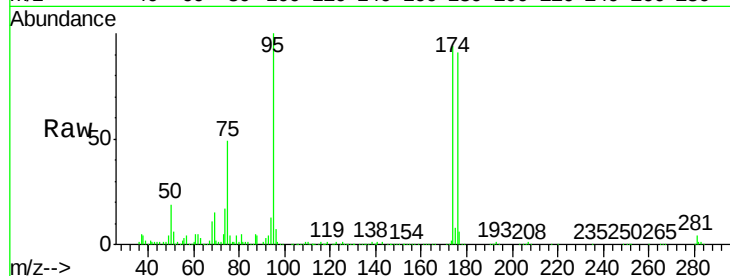
Tot Ion: 95 Resp: 161050

Ion Ratio Lower Upper

95 100

174 95.7 0.0 184.8

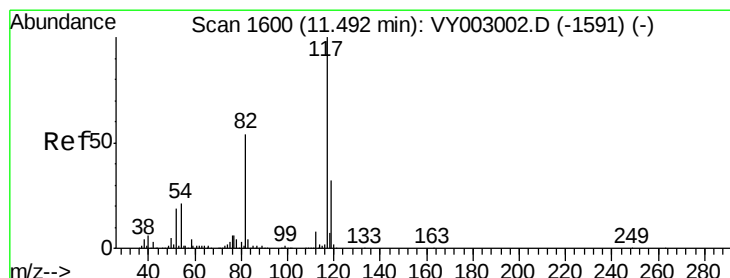
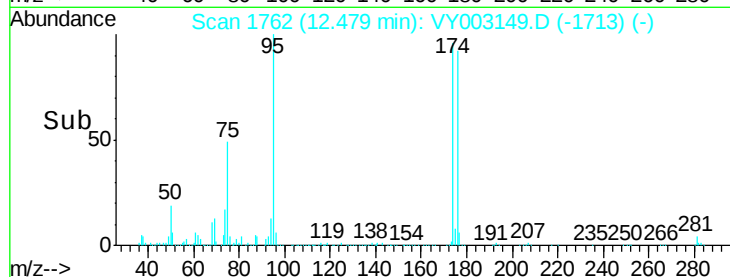
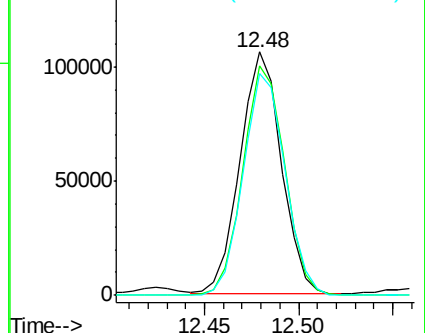
176 93.3 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003149.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003149.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003149.D (-1752) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003149.D

Acq: 09 Jul 2020 17:21

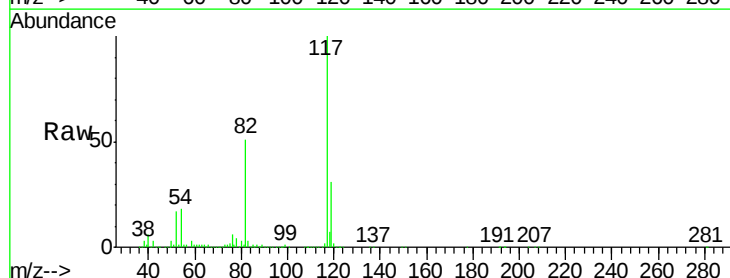
Tgt Ion: 117 Resp: 427882

Ion Ratio Lower Upper

117 100

82 51.4 43.0 64.6

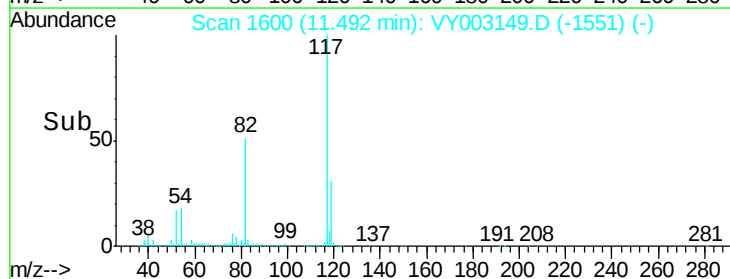
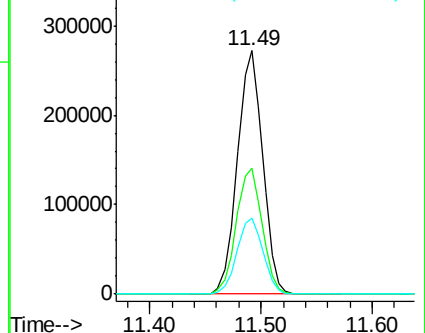
119 31.1 25.8 38.8

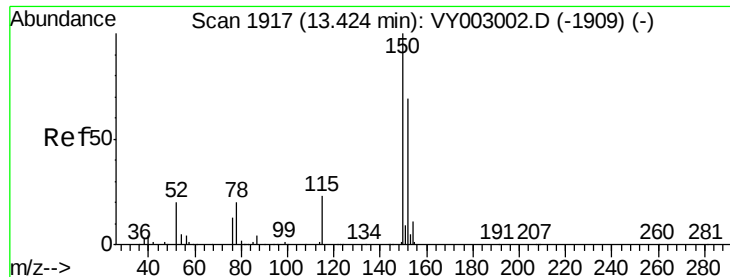


Abundance Ion 116.90 (116.60 to 117.60): VY003149.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003149.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003149.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003149.D

Acq: 09 Jul 2020 17:21

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-31

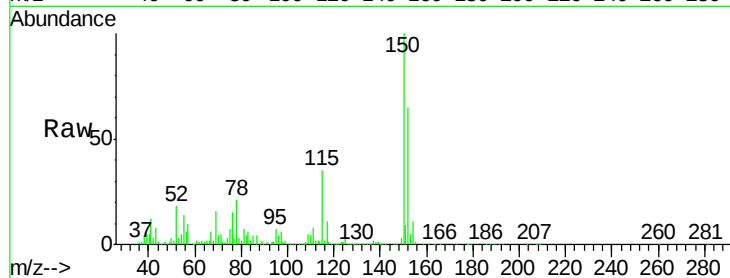
Tot Ion:152 Resp: 143732

Ion Ratio Lower Upper

152 100

115 51.4 27.3 81.9

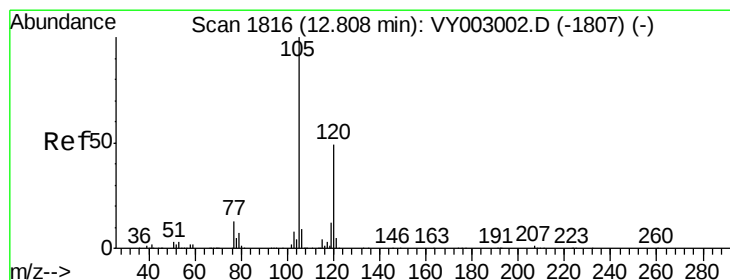
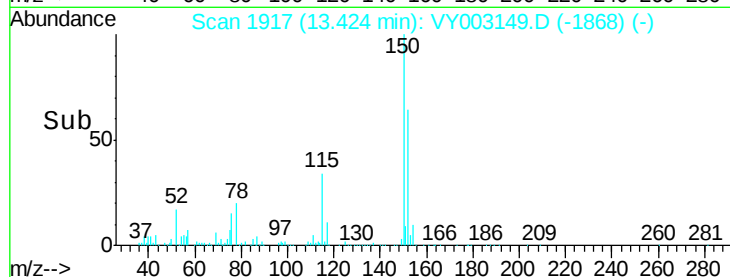
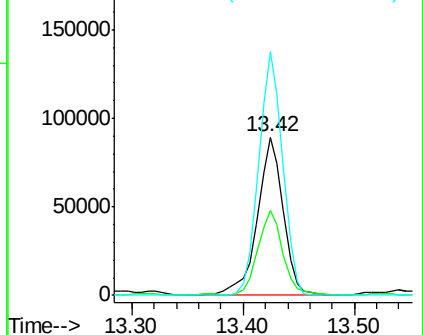
150 143.4 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.380 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003149.D

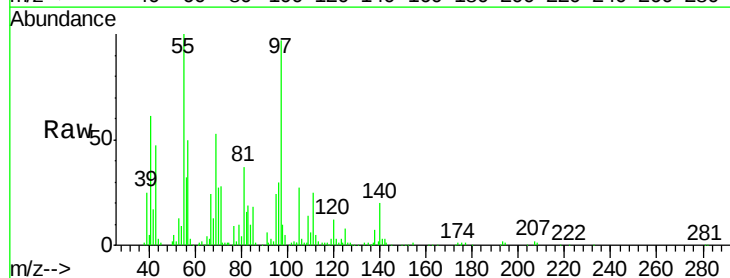
Acq: 09 Jul 2020 17:21

Tgt Ion:105 Resp: 10892

Ion Ratio Lower Upper

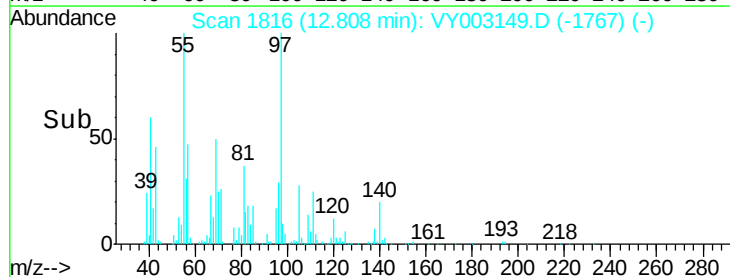
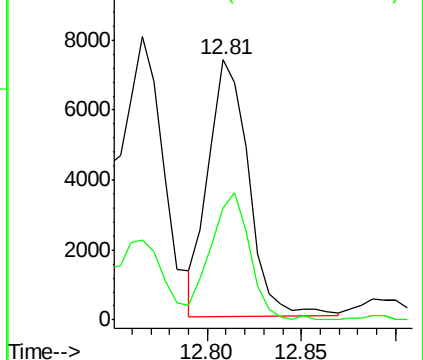
105 100

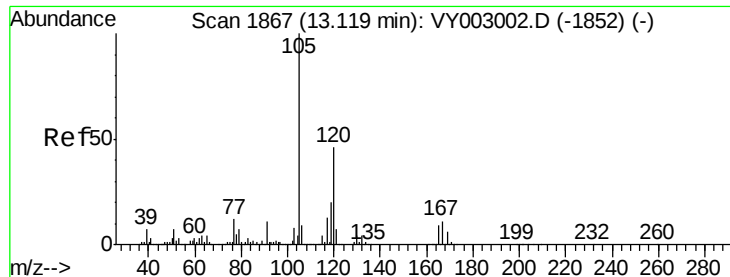
120 47.4 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

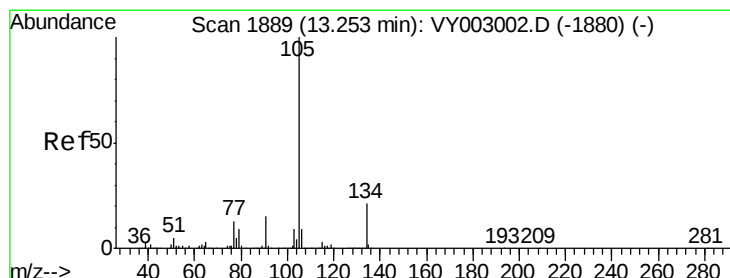
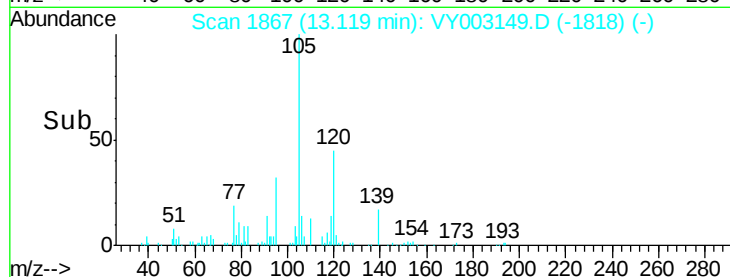
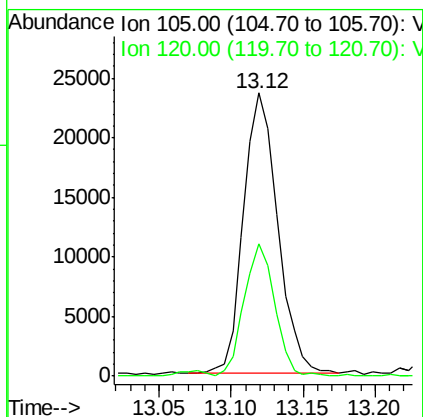
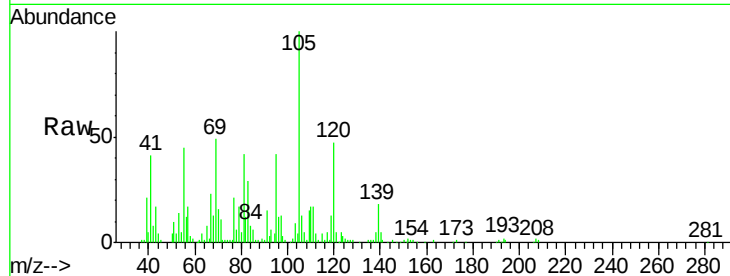




#84
 1,2,4-Trimethylbenzene
 Concen: 4.887 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003149.D
 Acq: 09 Jul 2020 17:21

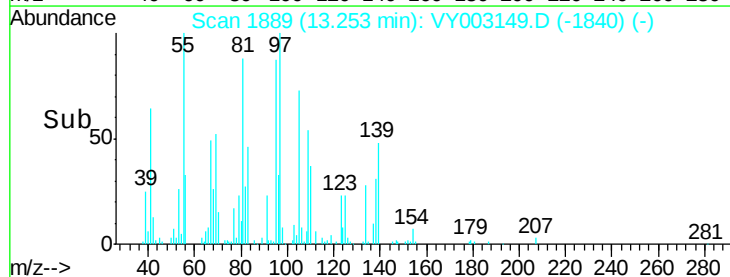
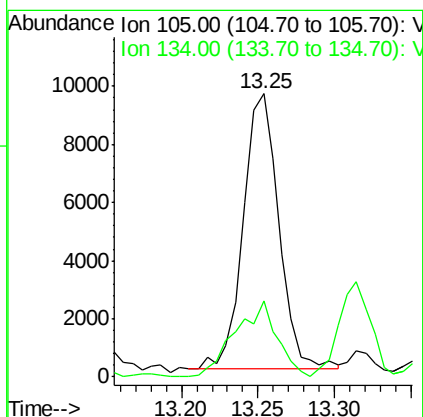
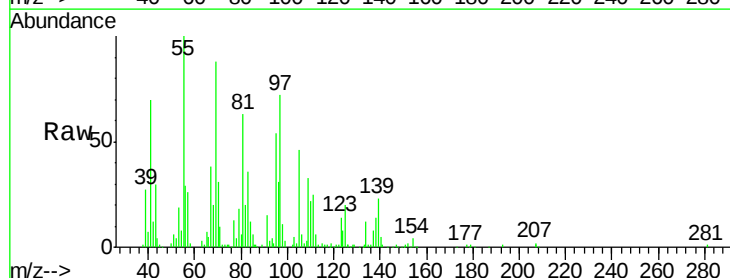
Instrument :
 MSVOA_Y
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 CHRT-31

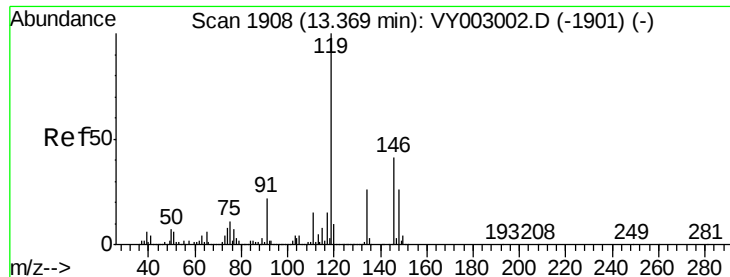
Tot Ion:105 Resp: 38874
 Ion Ratio Lower Upper
 105 100
 120 42.1 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 1.606 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY003149.D
 Acq: 09 Jul 2020 17:21

Tgt Ion:105 Resp: 15347
 Ion Ratio Lower Upper
 105 100
 134 32.3 10.4 31.2#

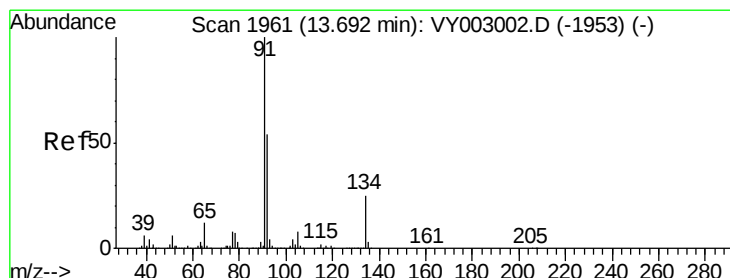
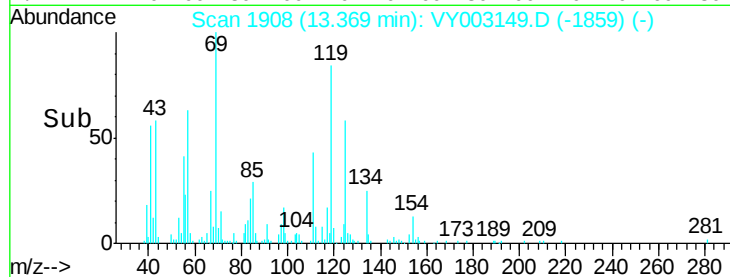
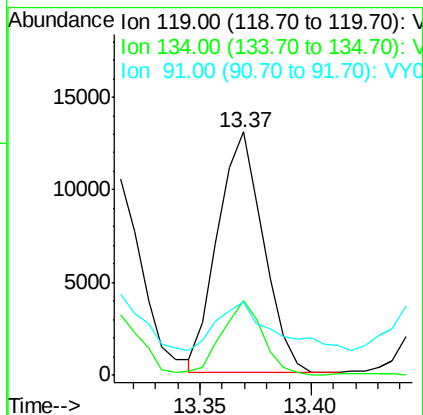
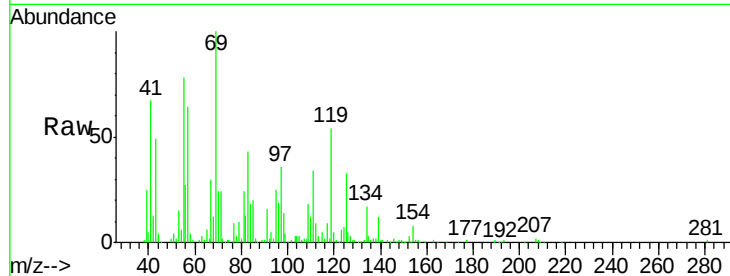




#86
p-Isopropyltoluene
Concen: 2.088 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VY003149.D
Acq: 09 Jul 2020 17:21

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-31

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.5	13.5	40.4
91	24.6	11.5	34.5



#89
n-Butylbenzene
Concen: 1.580 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003149.D
Acq: 09 Jul 2020 17:21

Tgt Ion	Ratio	Lower	Upper
91	100		
92	69.1	26.8	80.3
134	0.0	13.1	39.1#

