

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000396.D
 Acq On : 23 Oct 2019 21:00
 Operator : SY/MD
 Sample : K5498-10
 Misc : 4.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 24 04:49:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

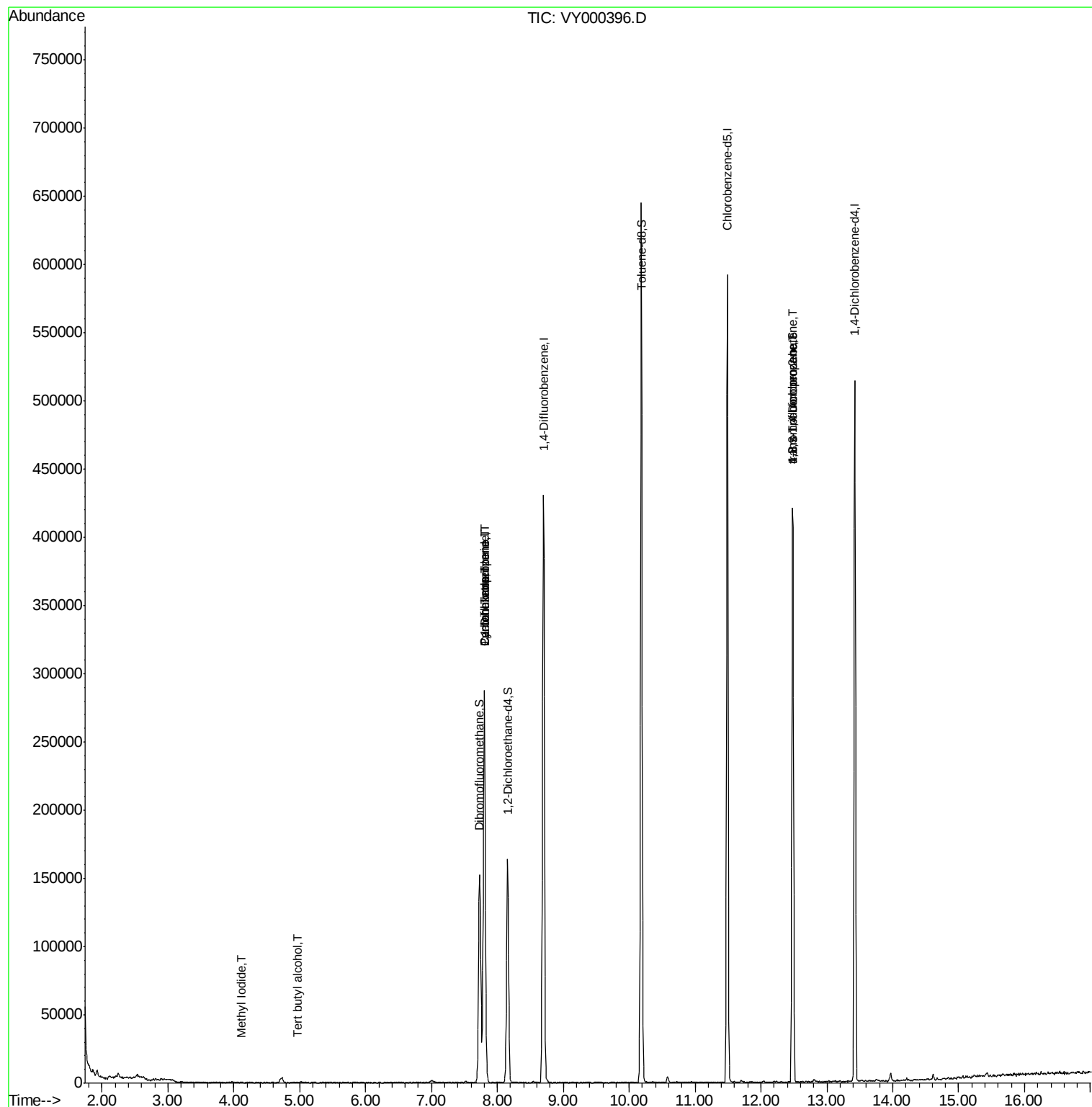
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	213500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	367742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	311561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	123031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	123853	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
35) Dibromofluoromethane	7.74	113	106861	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	10.19	98	423705	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.48	95	126452	39.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.02%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.11	142	48	1.201	ug/l #	41
11) Tert butyl alcohol	4.96	59	361	1.532	ug/l #	73
20) Methylene Chloride	4.74	84	2378	Below Cal	#	71
31) Cyclohexane	7.80	56	4694	1.089	ug/l #	28
36) 1,1-Dichloropropene	7.80	75	17053	4.736	ug/l #	49
38) Carbon Tetrachloride	7.80	117	21365	6.129	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	67939	44.908	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	67939	98.256	ug/l #	14

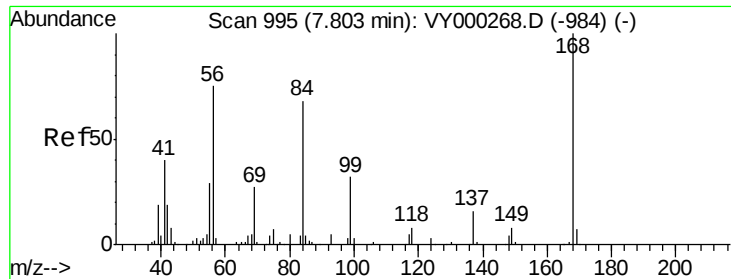
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 24 04:49:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000396.D

Acq: 23 Oct 2019 21:00

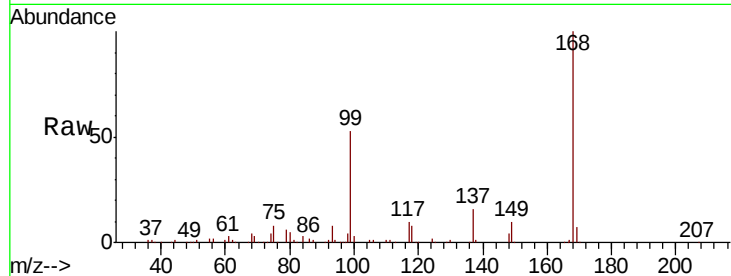
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 213500

Ion Ratio Lower Upper

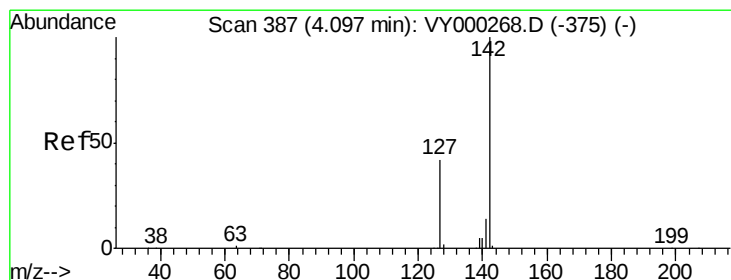
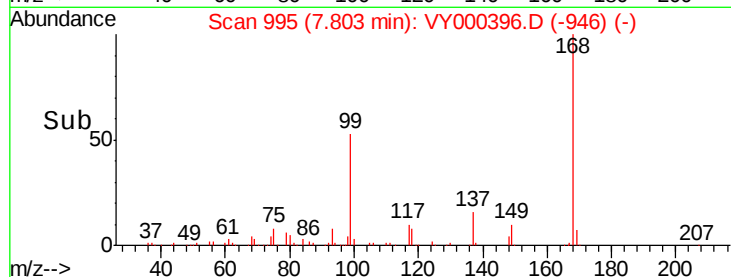
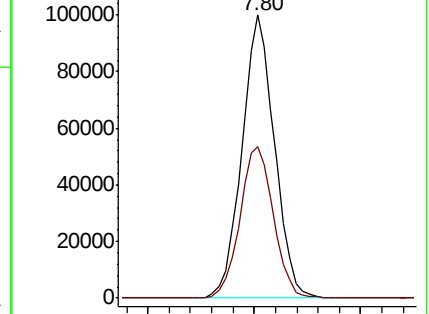
168 100

99 53.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 1.201 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.02 min

Lab File: VY000396.D

Acq: 23 Oct 2019 21:00

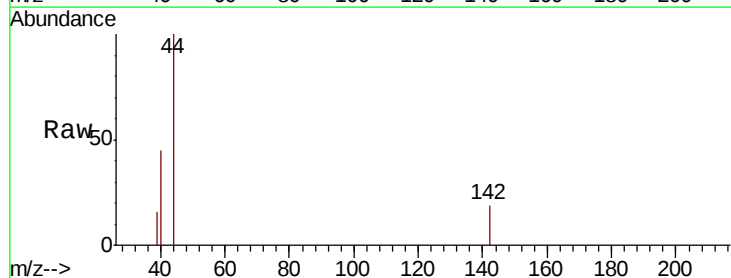
Tgt Ion:142 Resp: 48

Ion Ratio Lower Upper

142 100

127 0.0 33.9 50.9#

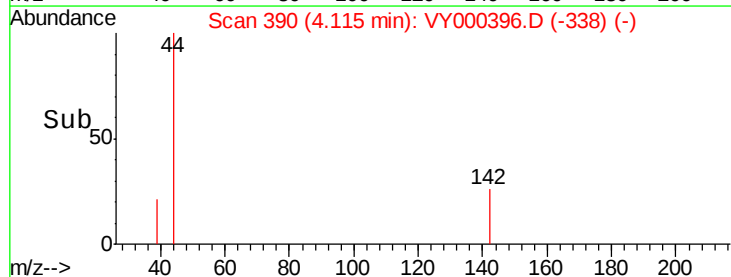
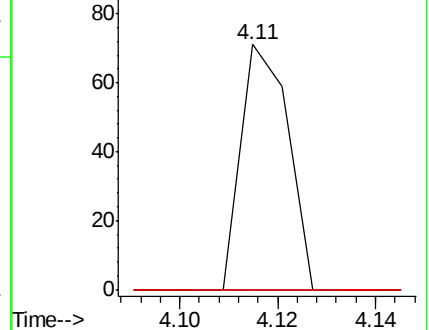
141 0.0 11.2 16.8#

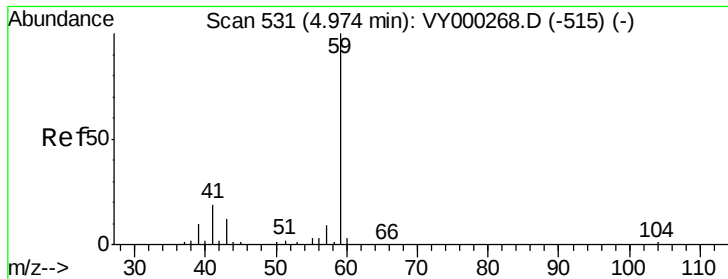


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

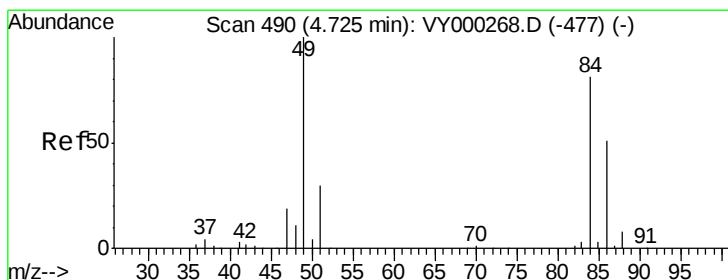
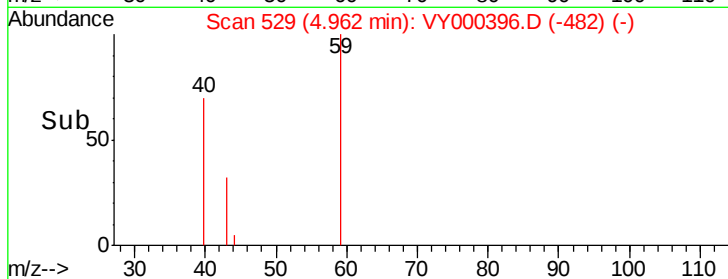
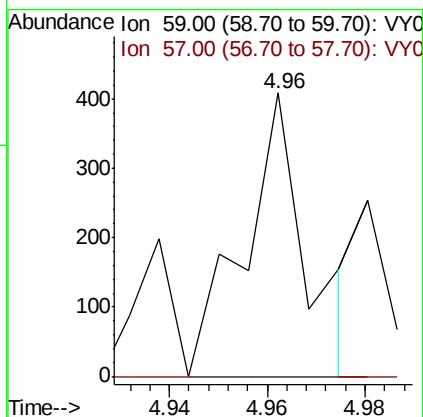
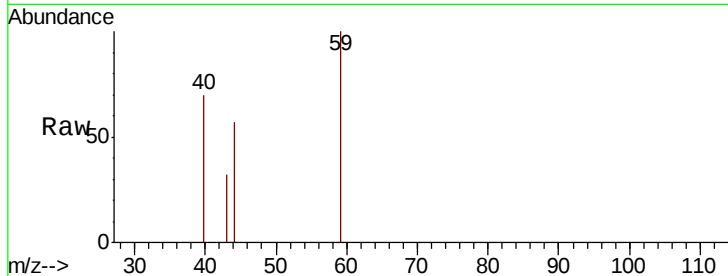




#11
Tert butyl alcohol
Concen: 1.532 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000396.D
Acq: 23 Oct 2019 21:00

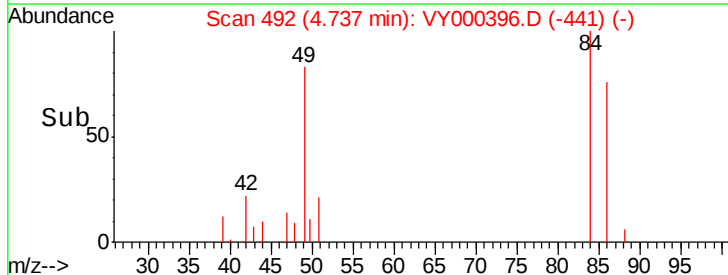
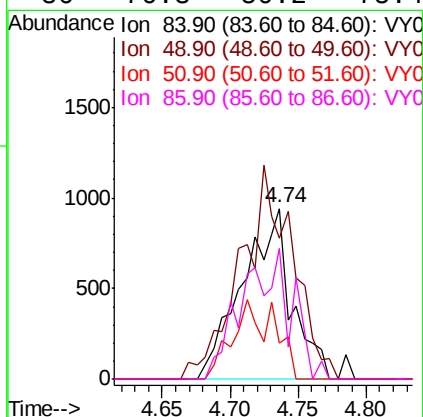
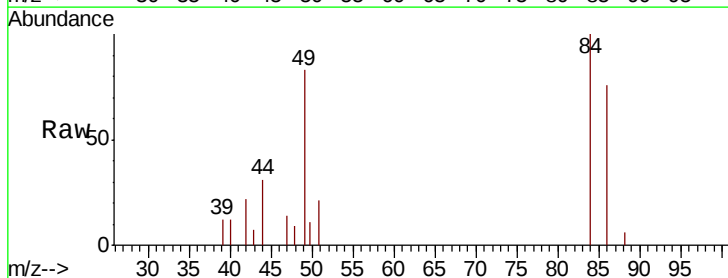
Instrument :
MSVOA_Y
ClientSampled :

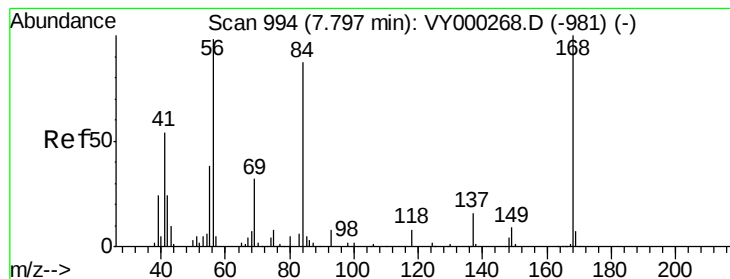
Tot Ion: 59 Resp: 361
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 492
Delta R.T. 0.01 min
Lab File: VY000396.D
Acq: 23 Oct 2019 21:00

Tgt Ion: 84 Resp: 2378
Ion Ratio Lower Upper
84 100
49 82.9 99.0 148.4#
51 20.8 29.3 43.9#
86 76.3 50.2 75.4#





#31

Cyclohexane

Concen: 1.089 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000396.D

Acq: 23 Oct 2019 21:00

Instrument :
MSVOA_Y
ClientSampled :

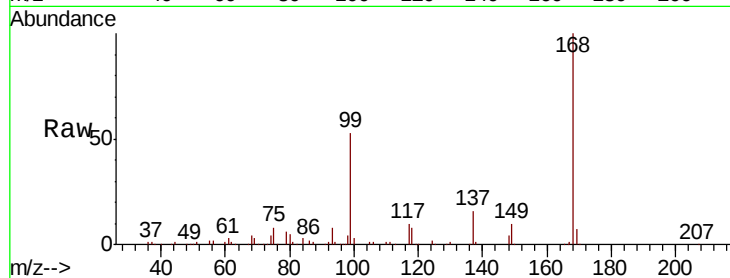
Tot Ion: 56 Resp: 4694

Ion Ratio Lower Upper

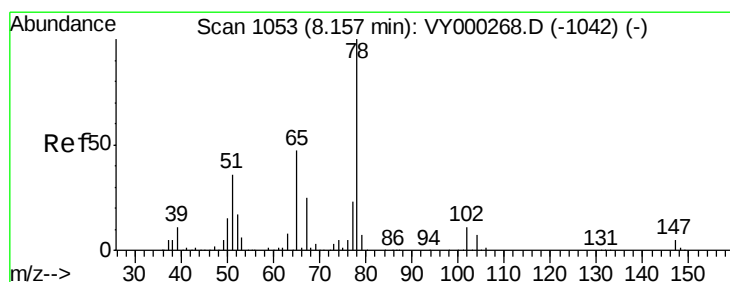
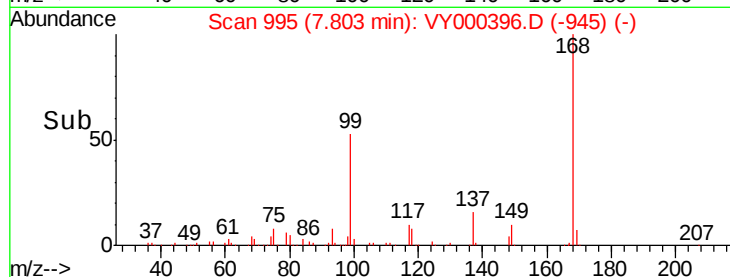
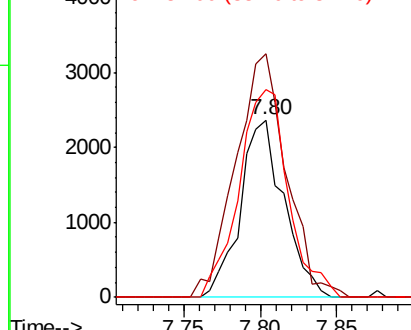
56 100

69 137.1 26.3 39.5#

84 117.1 70.8 106.2#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 54.995 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000396.D

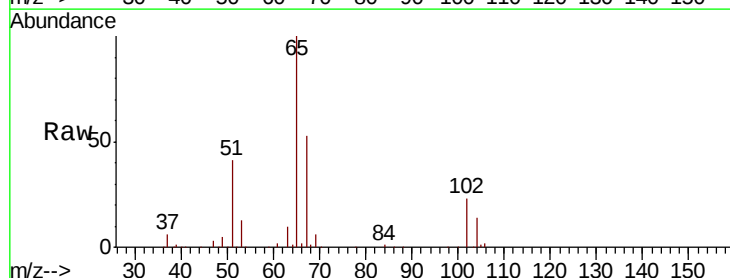
Acq: 23 Oct 2019 21:00

Tgt Ion: 65 Resp: 123853

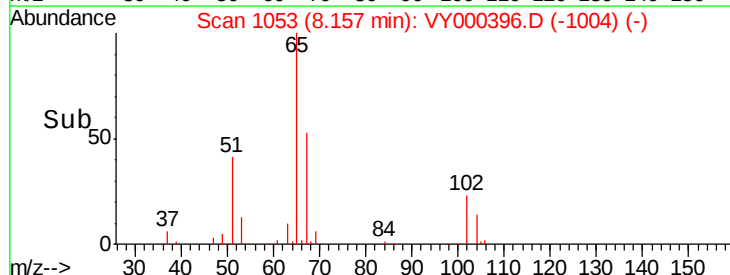
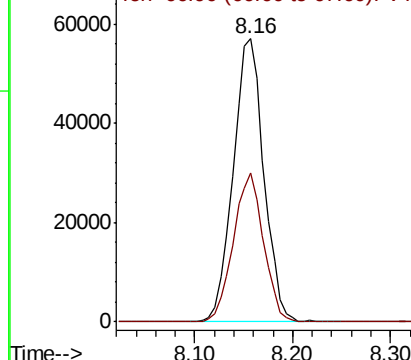
Ion Ratio Lower Upper

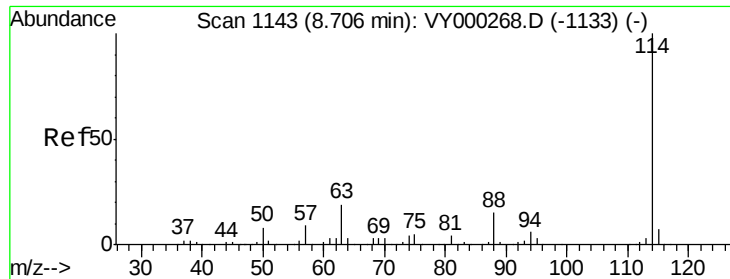
65 100

67 51.8 0.0 109.4



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

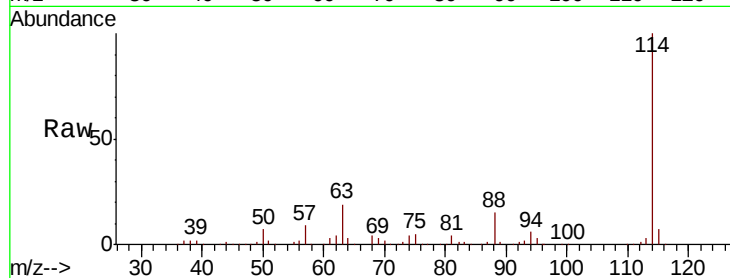




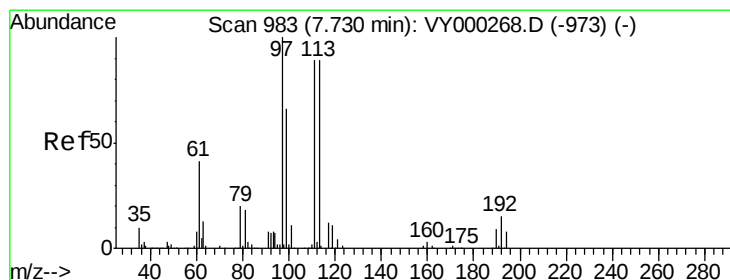
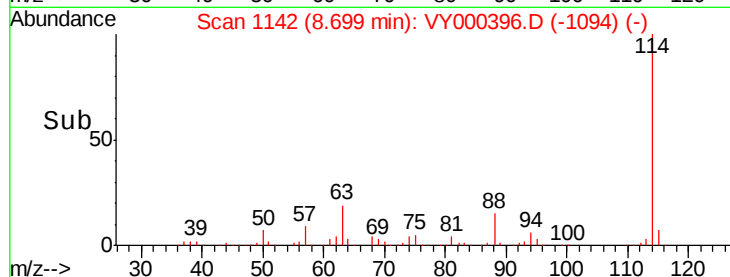
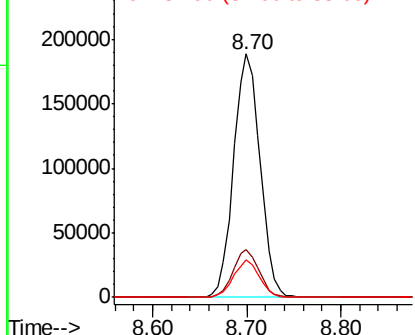
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000396.D
Acq: 23 Oct 2019 21:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:114 Resp: 367742
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.2
88 15.3 0.0 30.2

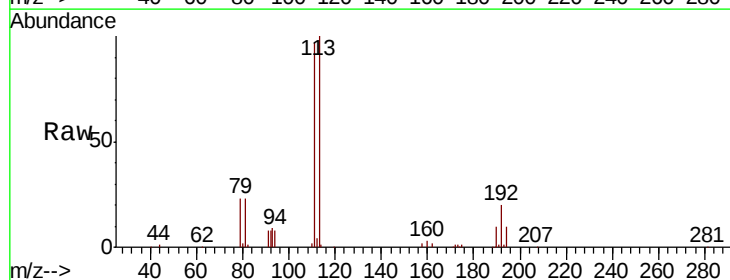


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

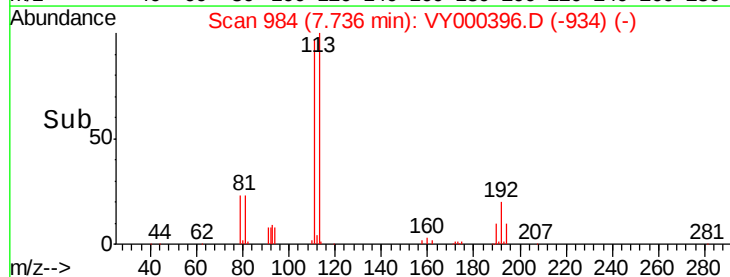
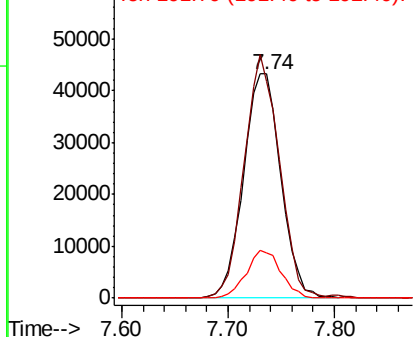


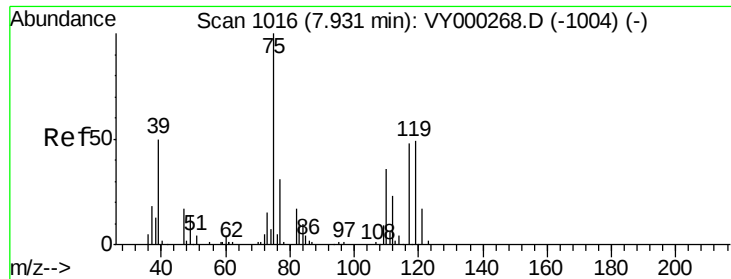
#35
Dibromofluoromethane
Concen: 48.173 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.01 min
Lab File: VY000396.D
Acq: 23 Oct 2019 21:00

Tgt Ion:113 Resp: 106861
Ion Ratio Lower Upper
113 100
111 101.8 81.6 122.4
192 19.9 15.3 22.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

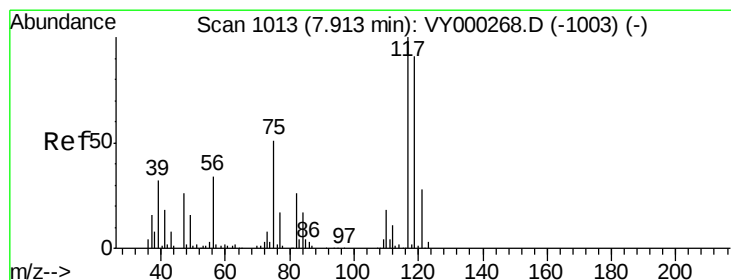
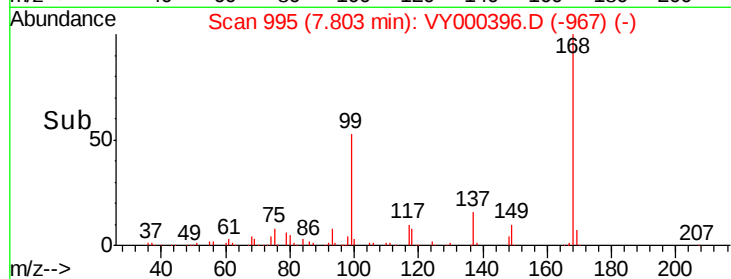
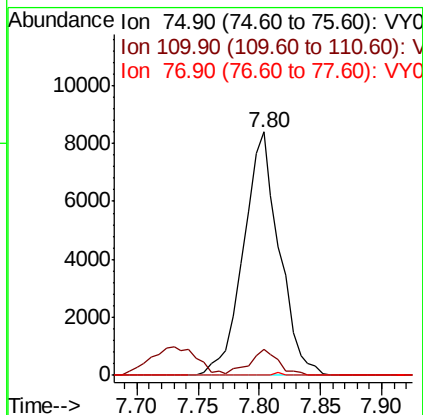
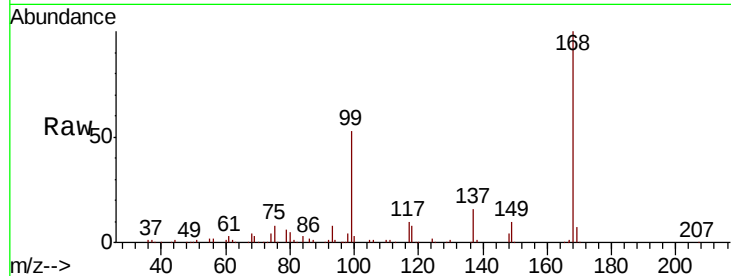




#36
 1,1-Dichloropropene
 Concen: 4.736 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000396.D
 Acq: 23 Oct 2019 21:00

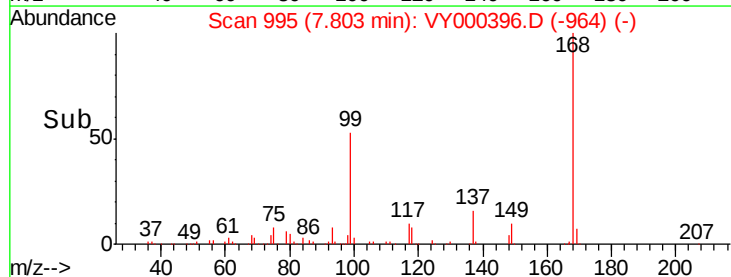
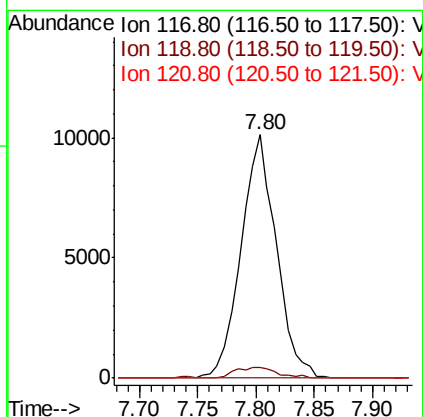
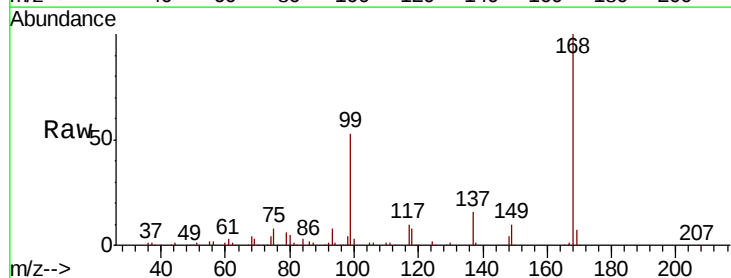
Instrument :
 MSVOA_Y
 ClientSampled :

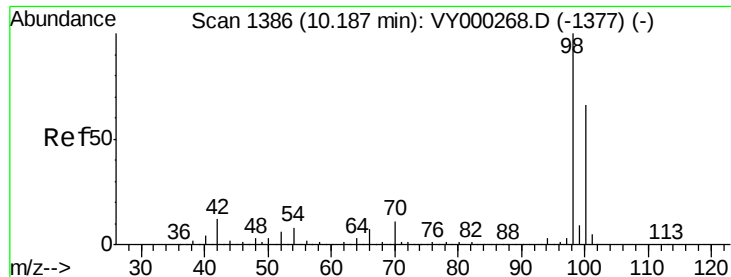
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.4	55.4#
77	0.2	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.129 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000396.D
 Acq: 23 Oct 2019 21:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	72.8	109.2#
121	0.0	22.2	33.2#





#50

Toluene-d8

Concen: 49.655 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000396.D

Acq: 23 Oct 2019 21:00

Instrument :

MSVOA_Y

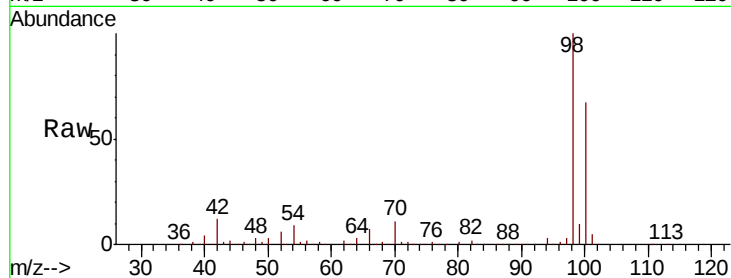
ClientSampled :

Tot Ion: 98 Resp: 423705

Ion Ratio Lower Upper

98 100

100 66.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY000396.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY000396.D (-1377) (-)

10.19

250000

200000

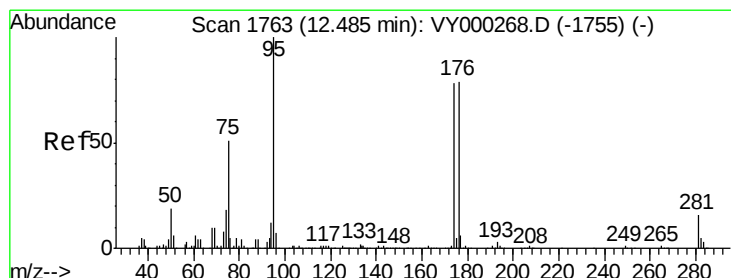
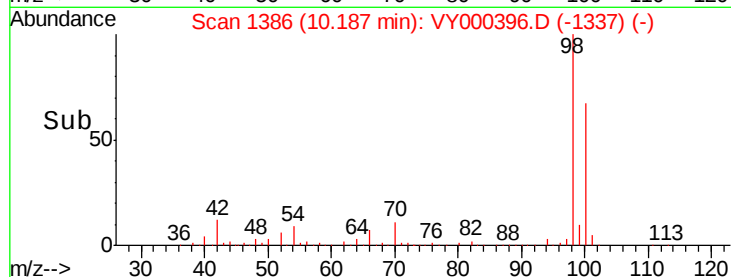
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 39.007 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000396.D

Acq: 23 Oct 2019 21:00

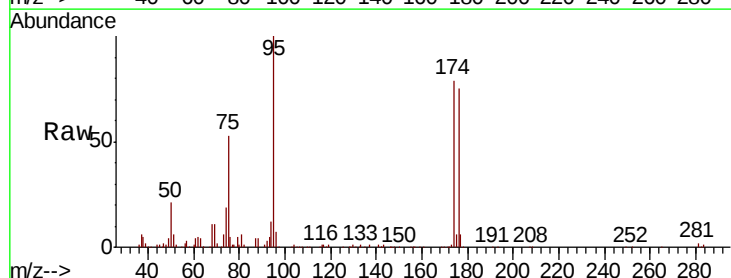
Tgt Ion: 95 Resp: 126452

Ion Ratio Lower Upper

95 100

174 83.7 0.0 159.6

176 81.7 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000396.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY000396.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY000396.D (-1714) (-)

12.48

100000

80000

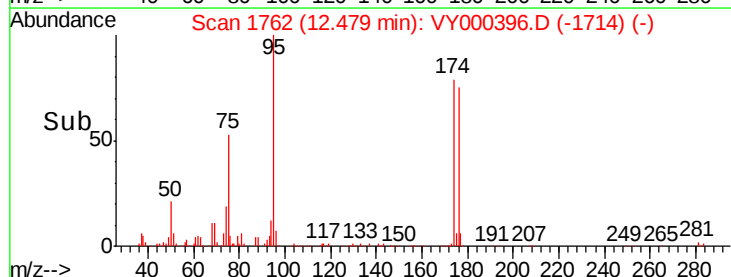
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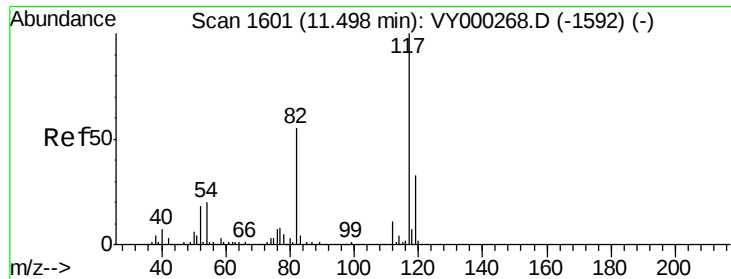
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20000

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Time-->

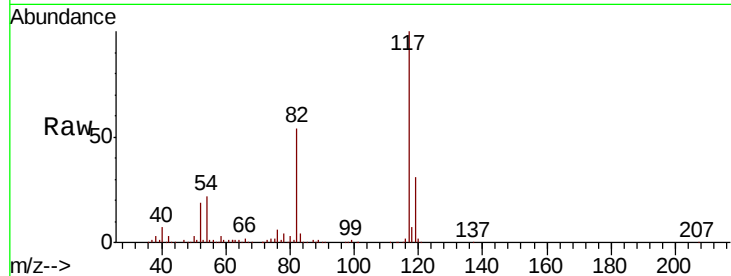




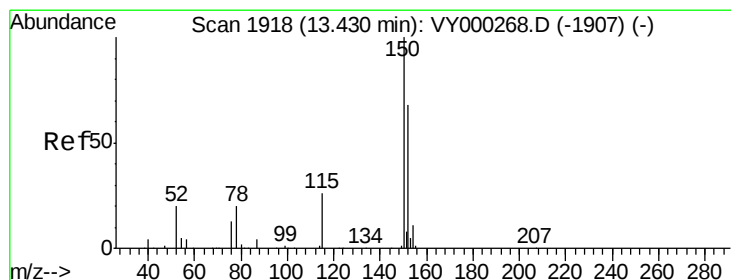
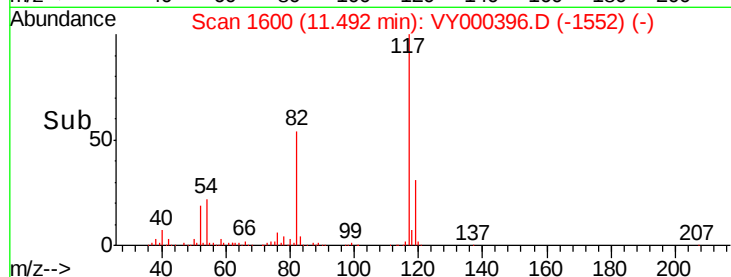
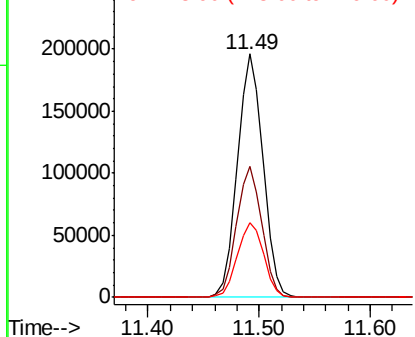
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000396.D
Acq: 23 Oct 2019 21:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 311561
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 30.9 26.6 39.8

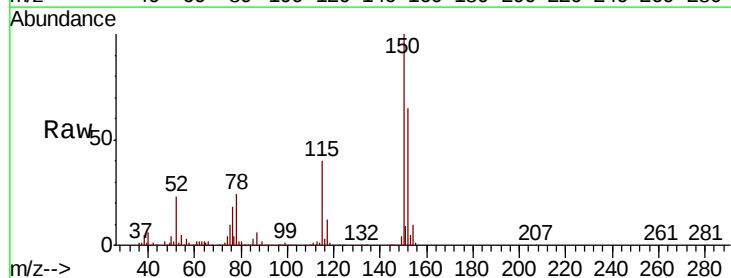


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

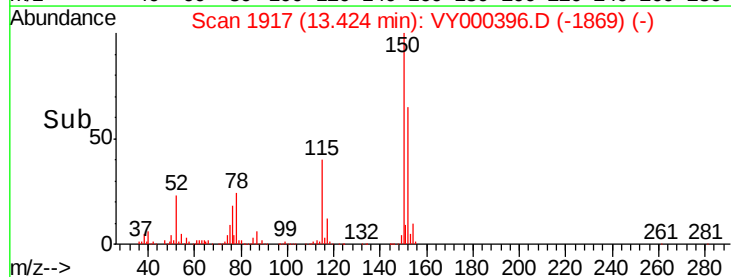
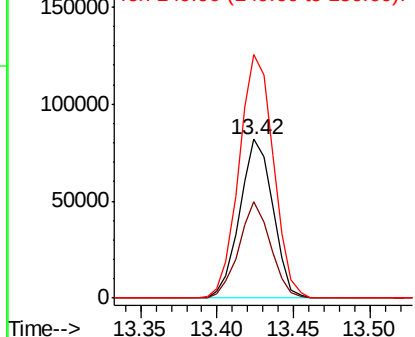


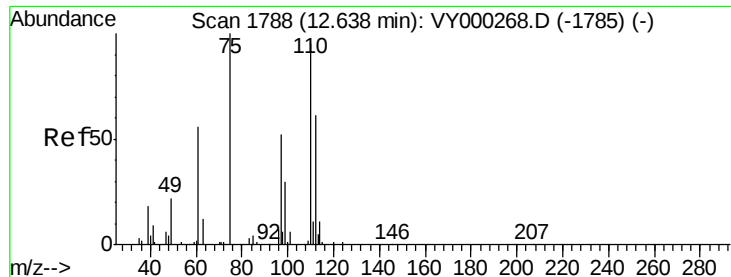
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000396.D
Acq: 23 Oct 2019 21:00

Tgt Ion:152 Resp: 123031
Ion Ratio Lower Upper
152 100
115 58.0 29.3 88.0
150 158.8 0.0 348.4



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





#76

1,2,3-Trichloropropane

Concen: 44.908 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000396.D

Acq: 23 Oct 2019 21:00

Instrument :

MSVOA_Y

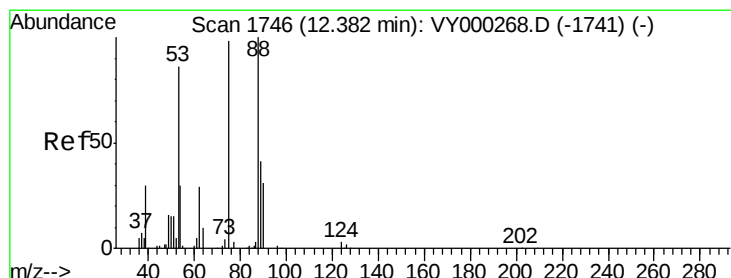
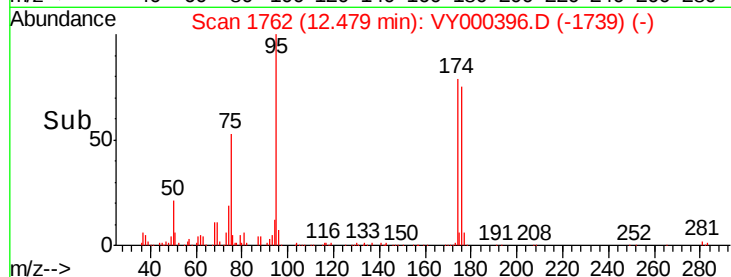
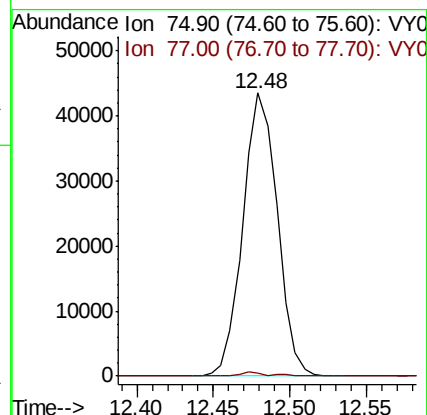
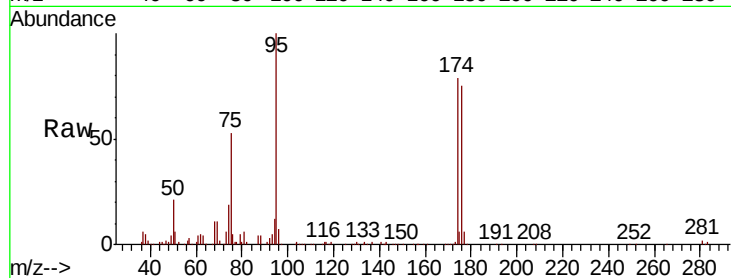
ClientSampleId :

Tot Ion: 75 Resp: 67939

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 98.256 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000396.D

Acq: 23 Oct 2019 21:00

Tgt Ion: 75 Resp: 67939

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 35.1 52.7#

