

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000434.D
 Acq On : 25 Oct 2019 17:15
 Operator : SY/MD
 Sample : K5539-16
 Misc : 5.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 01:46:35 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

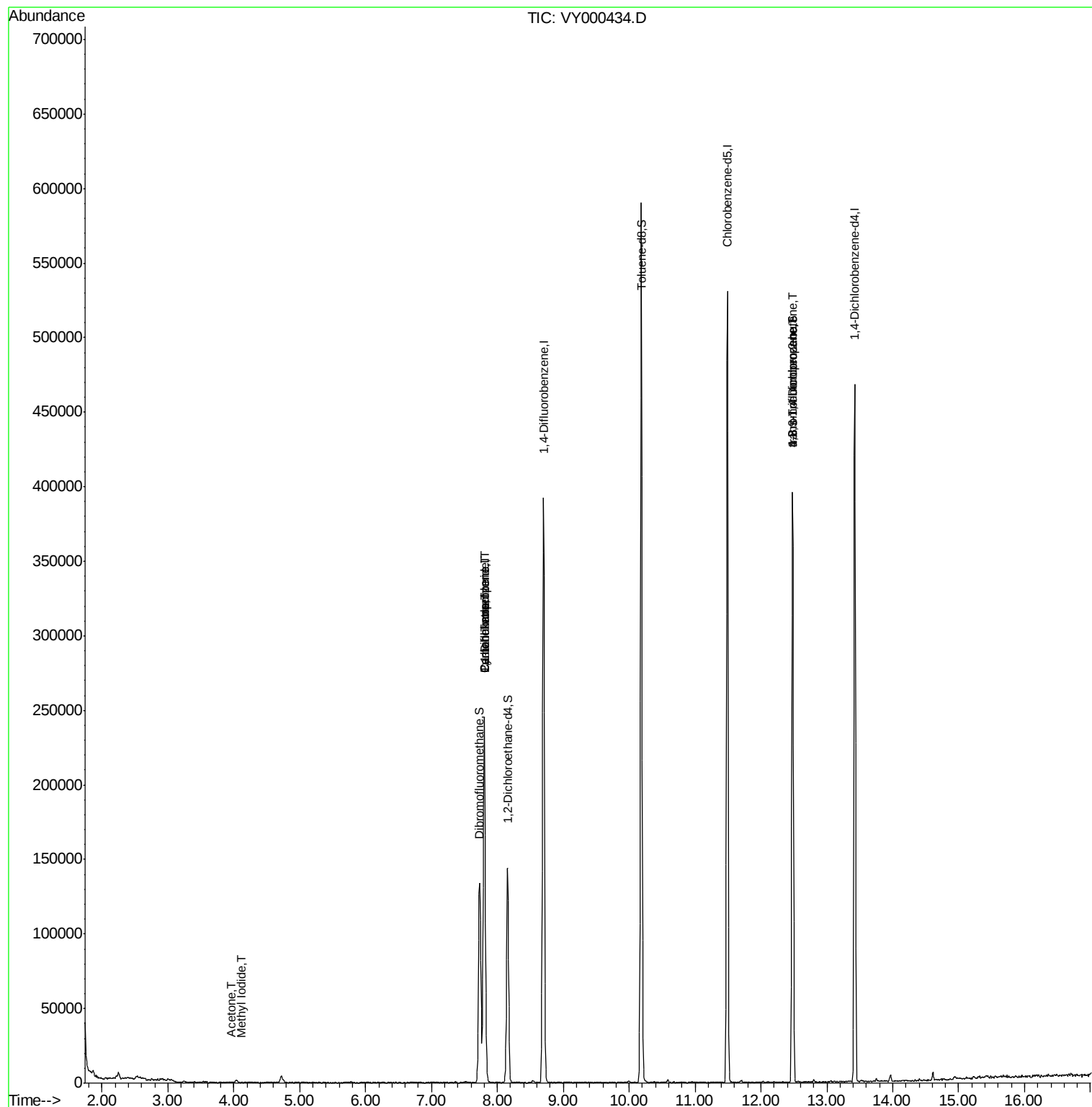
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	188466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	331190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	283173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	117296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	110539	55.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.20%	
35) Dibromofluoromethane	7.73	113	96461	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	10.18	98	381428	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.48	95	119475	40.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.84%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.11	142	61	1.208	ug/l #	41
16) Acetone	3.96	43	1225	1.903	ug/l	99
20) Methylene Chloride	4.74	84	3041	Below Cal	#	78
31) Cyclohexane	7.80	56	4192	1.102	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	15086	4.652	ug/l #	48
38) Carbon Tetrachloride	7.80	117	18773	5.980	ug/l #	20
76) 1,2,3-Trichloropropane	12.48	75	63475	44.008	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	63475	96.289	ug/l #	14

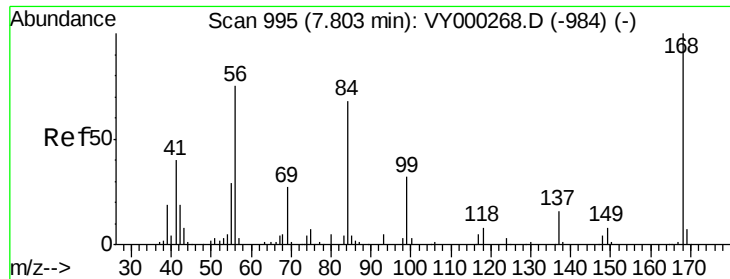
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000434.D

Acq: 25 Oct 2019 17:15

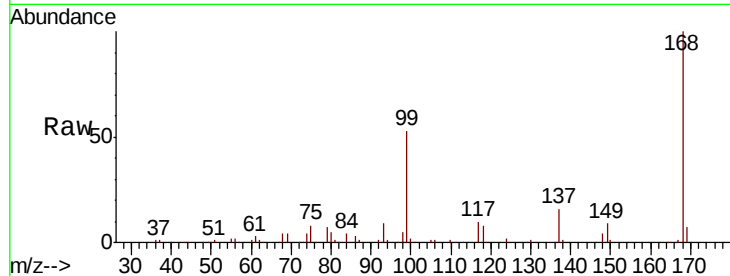
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 188466

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

7.80

80000

60000

40000

20000

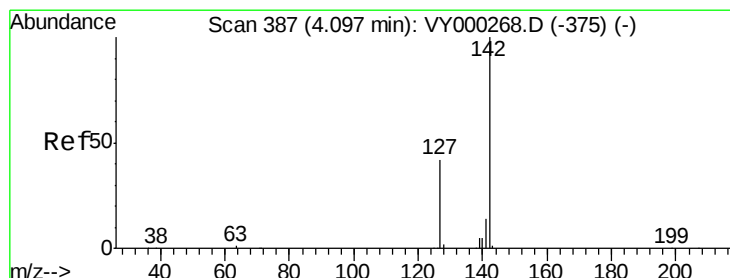
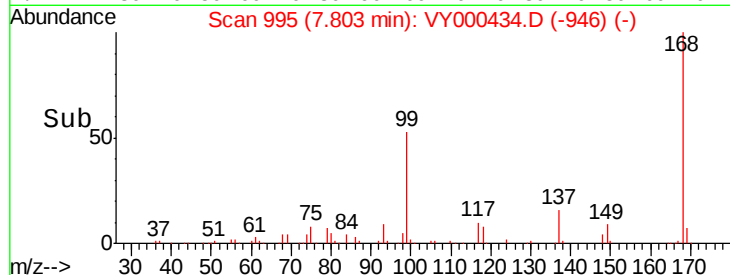
0

7.70

7.80

7.90

Time-->



#10

Methyl Iodide

Concen: 1.208 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.02 min

Lab File: VY000434.D

Acq: 25 Oct 2019 17:15

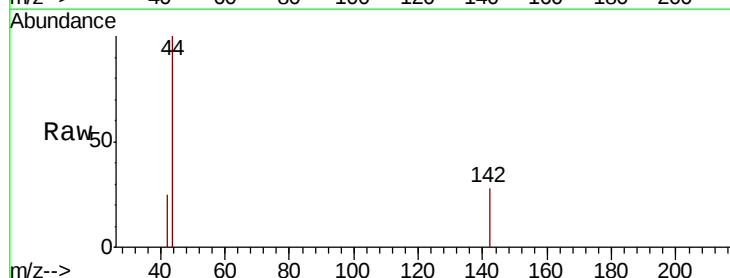
Tgt Ion:142 Resp: 61

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

120

100

80

60

40

20

0

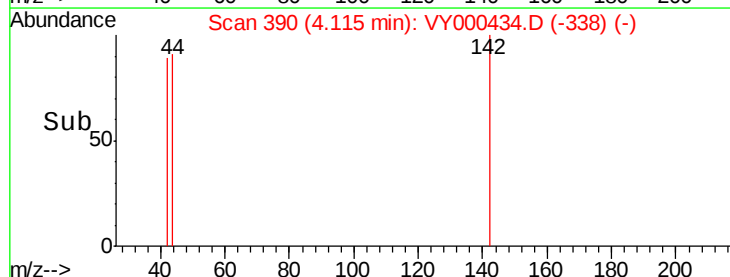
4.10

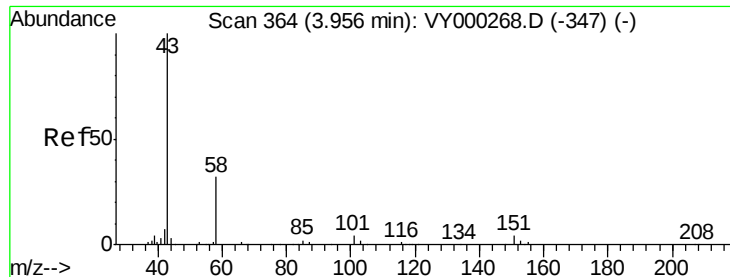
4.11

4.12

4.14

Time-->





#16

Acetone

Concen: 1.903 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000434.D

Acq: 25 Oct 2019 17:15

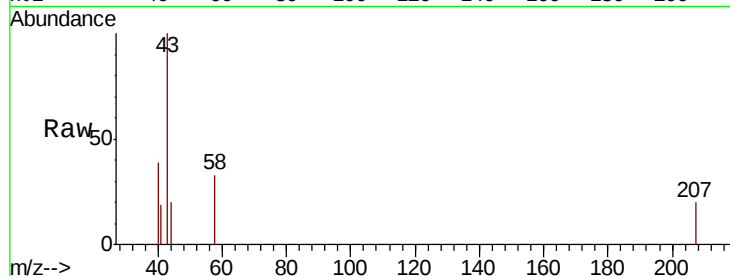
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 1225

Ion Ratio Lower Upper

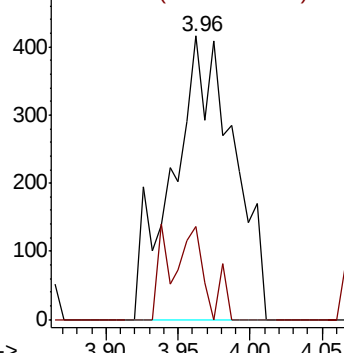
43 100

58 32.9 25.8 38.6

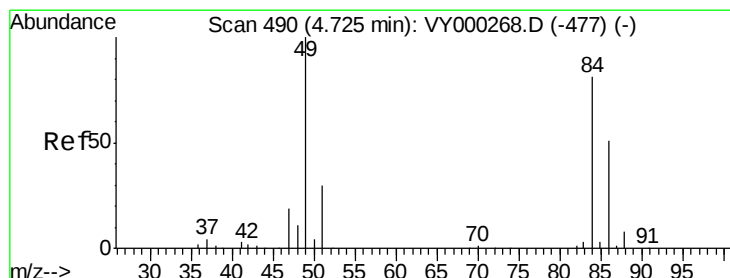
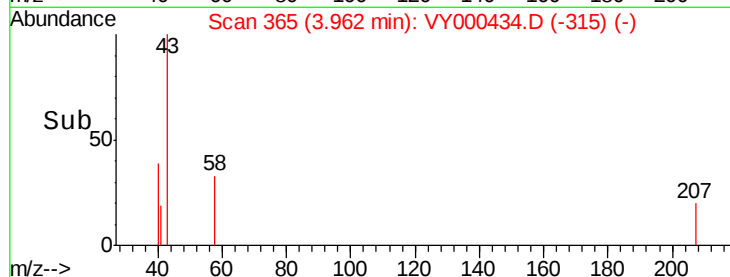


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.74 min Scan# 492

Delta R.T. 0.01 min

Lab File: VY000434.D

Acq: 25 Oct 2019 17:15

Tgt Ion: 84 Resp: 3041

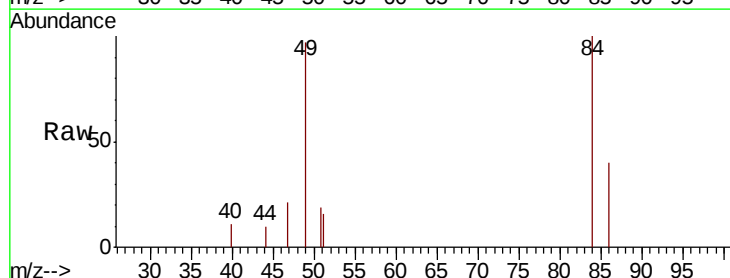
Ion Ratio Lower Upper

84 100

49 96.9 99.0 148.4#

51 34.8 29.3 43.9

86 40.1 50.2 75.4#

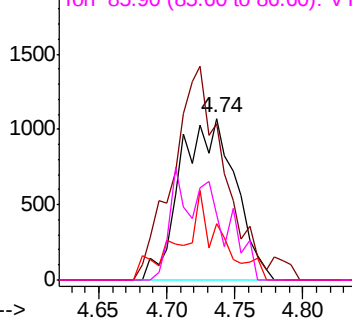


Abundance Ion 83.90 (83.60 to 84.60): VY0

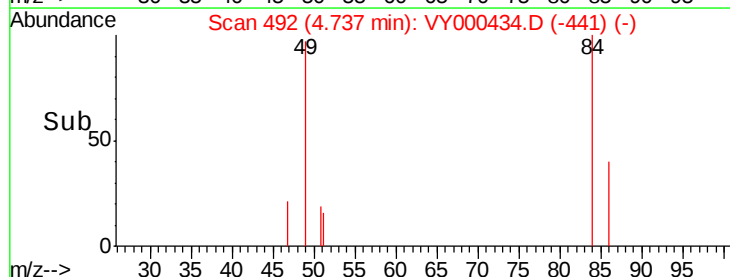
Ion 48.90 (48.60 to 49.60): VY0

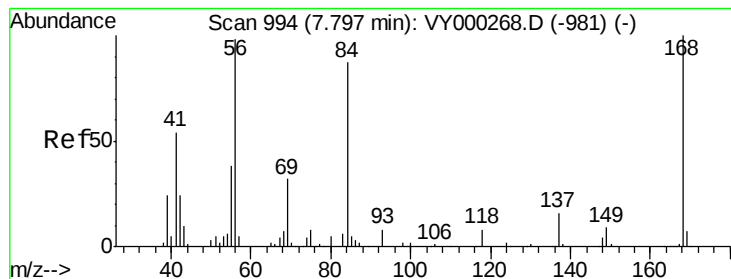
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



Time-->





#31

Cyclohexane

Concen: 1.102 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

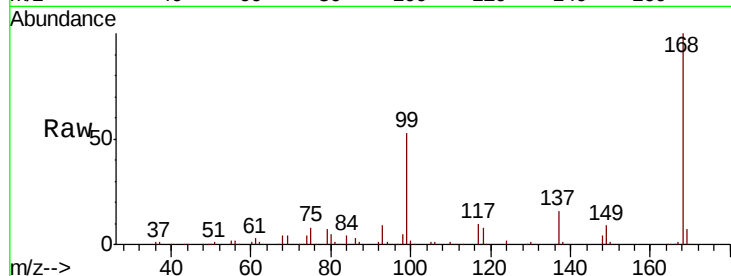
Lab File: VY000434.D

Acq: 25 Oct 2019 17:15

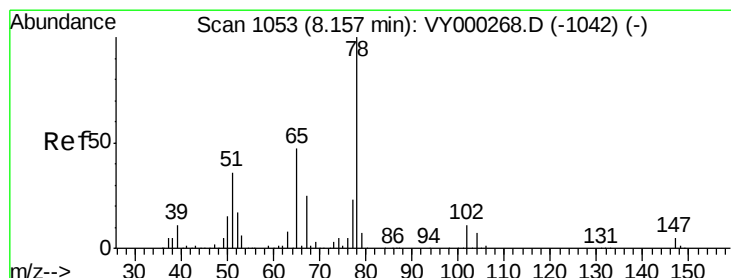
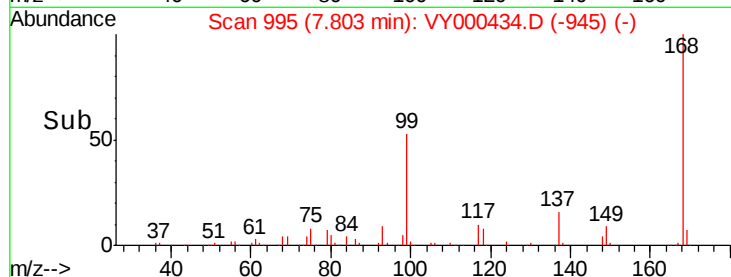
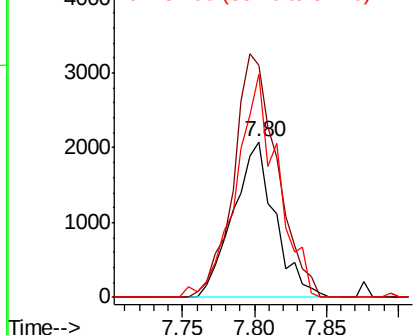
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 4192

Ion	Ratio	Lower	Upper
56	100		
69	149.4	26.3	39.5#
84	143.7	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: 55.603 ug/l

RT: 8.15 min Scan# 1052

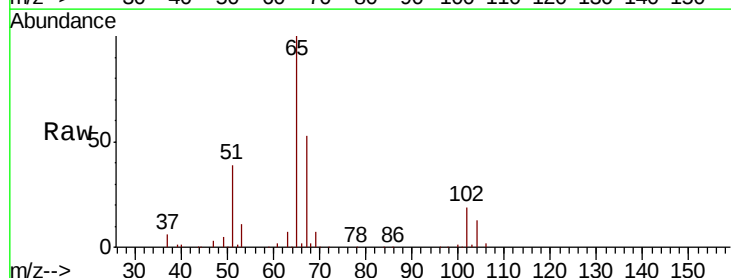
Delta R.T. -0.01 min

Lab File: VY000434.D

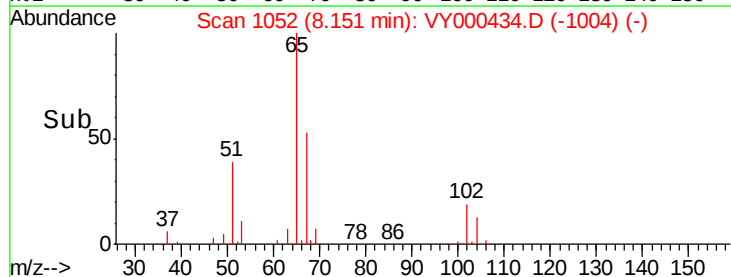
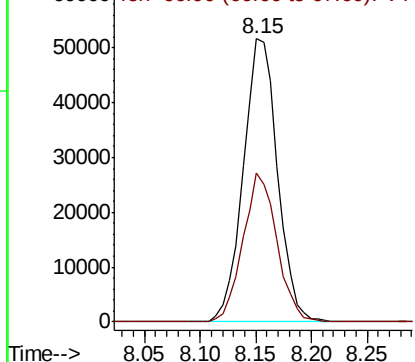
Acq: 25 Oct 2019 17:15

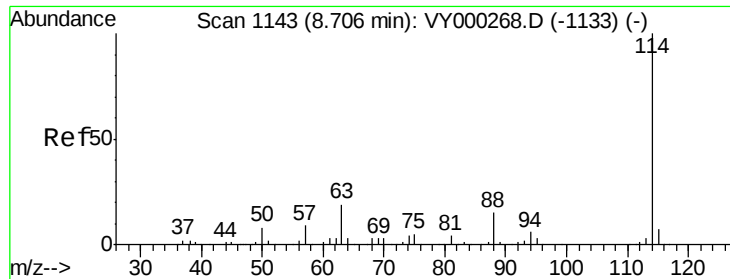
Tgt Ion: 65 Resp: 110539

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	109.4



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

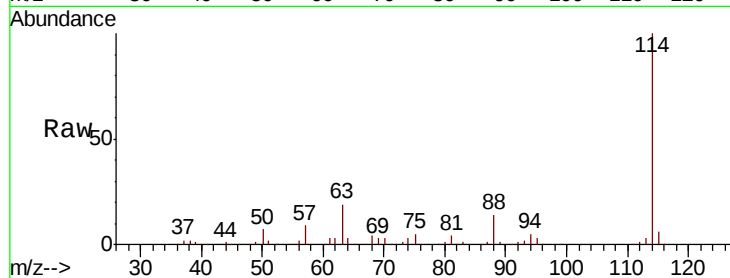




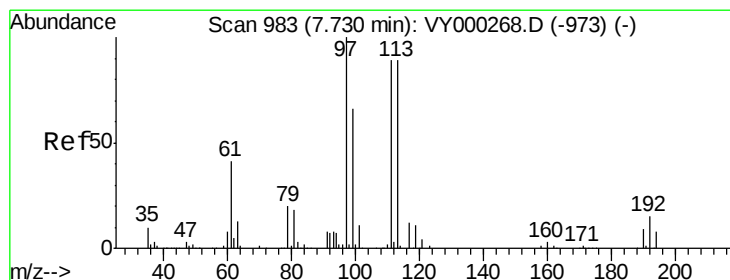
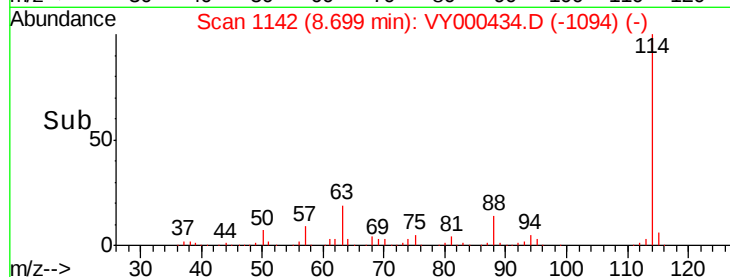
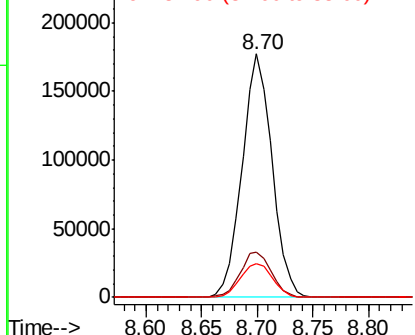
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000434.D
Acq: 25 Oct 2019 17:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:114 Resp: 331190
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.2
88 13.7 0.0 30.2

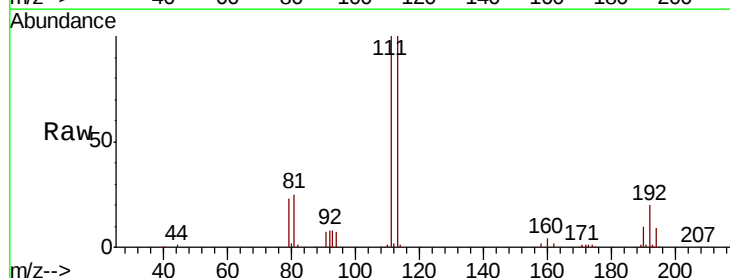


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

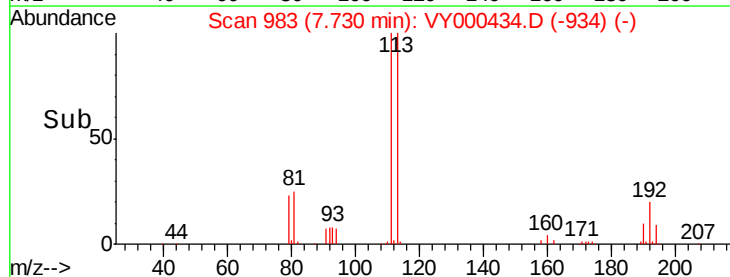
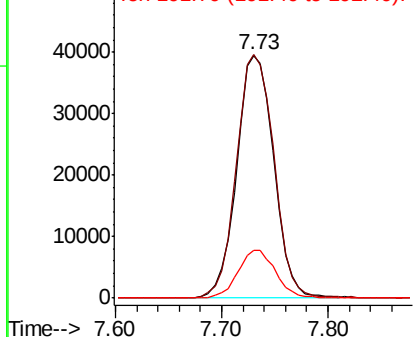


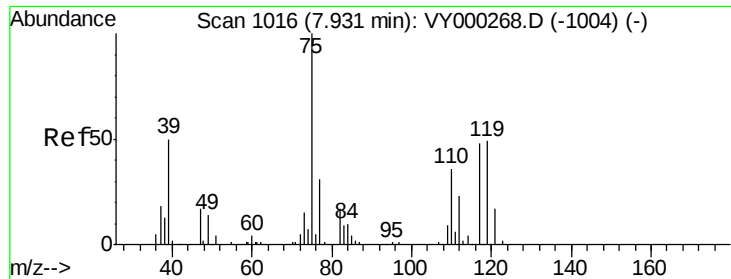
#35
Dibromofluoromethane
Concen: 48.284 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000434.D
Acq: 25 Oct 2019 17:15

Tgt Ion:113 Resp: 96461
Ion Ratio Lower Upper
113 100
111 101.6 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

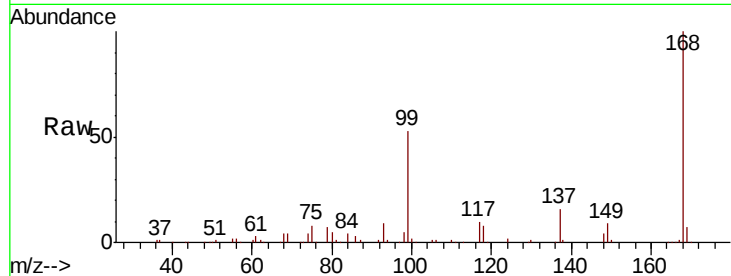




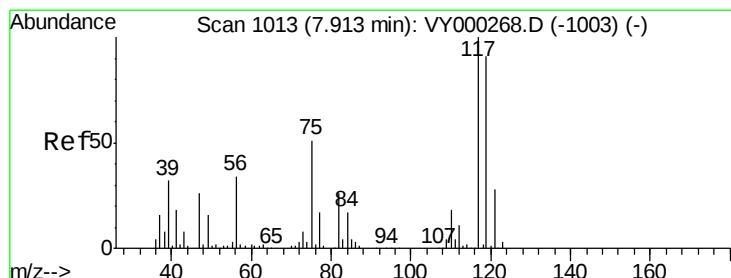
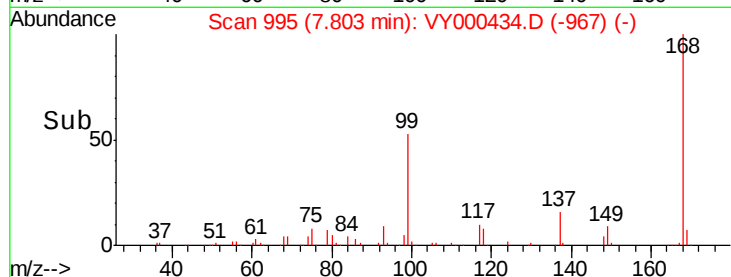
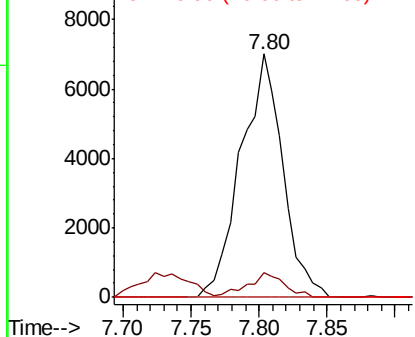
#36
 1,1-Dichloropropene
 Concen: 4.652 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000434.D
 Acq: 25 Oct 2019 17:15

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	75	Resp	15086
Ion Ratio	Lower	Upper	
75	100		
110	8.8	18.4	55.4#
77	0.0	25.0	37.6#

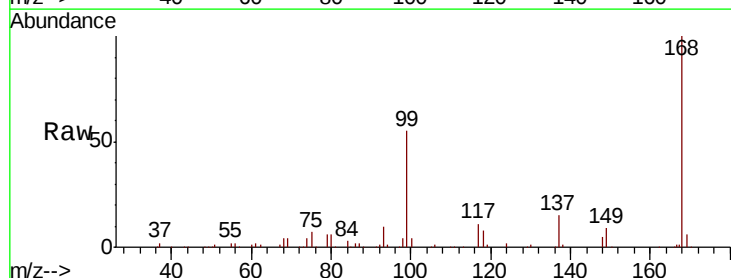


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

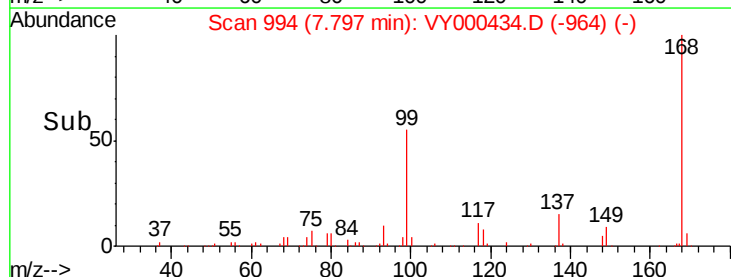
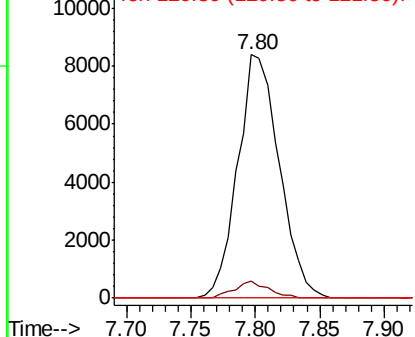


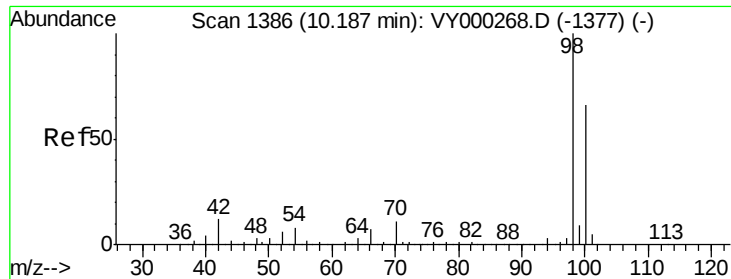
#38
 Carbon Tetrachloride
 Concen: 5.980 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000434.D
 Acq: 25 Oct 2019 17:15

Tgt Ion	117	Resp	18773
Ion Ratio	Lower	Upper	
117	100		
119	7.0	72.8	109.2#
121	0.0	22.2	33.2#



Abundance Ion 116.80 (116.50 to 117.50): VY0
 Ion 118.80 (118.50 to 119.50): VY0
 Ion 120.80 (120.50 to 121.50): VY0





#50

Toluene-d8

Concen: 49.633 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000434.D

Acq: 25 Oct 2019 17:15

Instrument :

MSVOA_Y

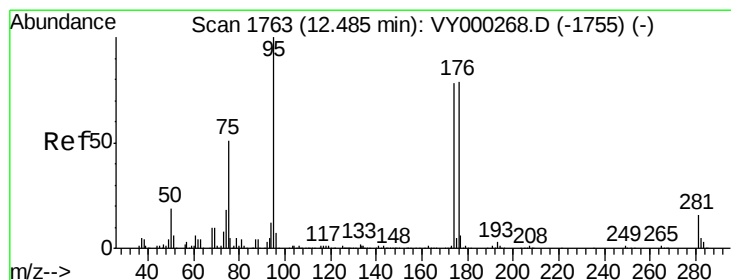
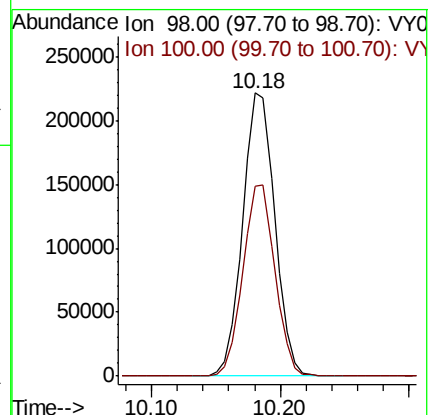
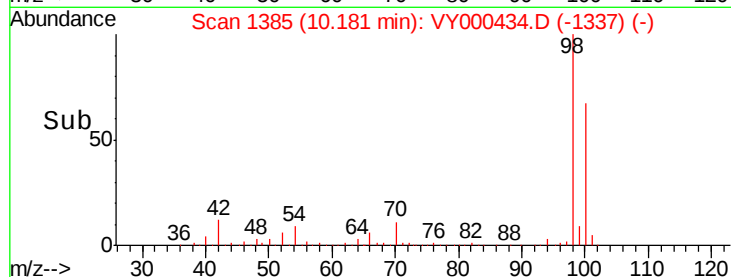
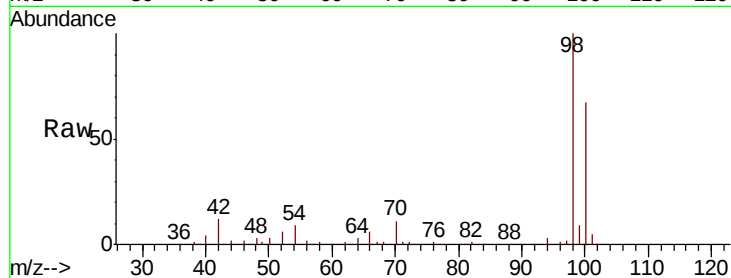
ClientSampleId :

Tot Ion: 98 Resp: 381428

Ion Ratio Lower Upper

98 100

100 67.3 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 40.922 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000434.D

Acq: 25 Oct 2019 17:15

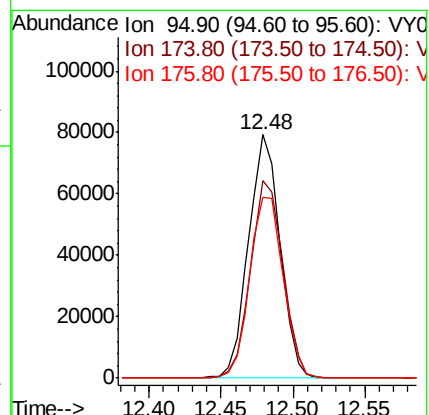
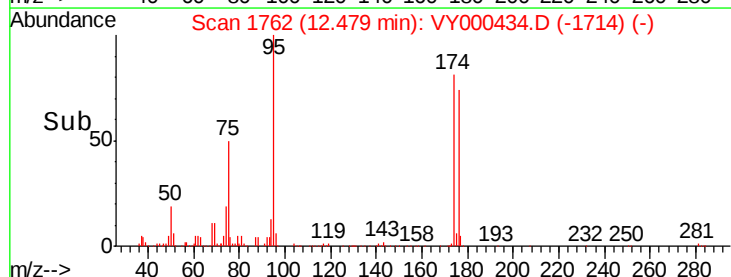
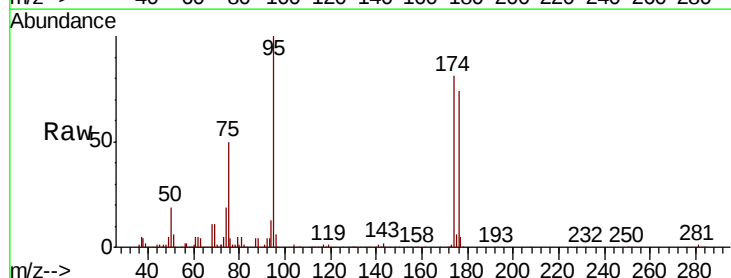
Tgt Ion: 95 Resp: 119475

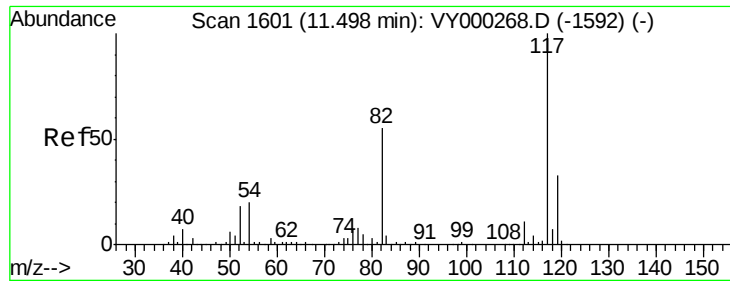
Ion Ratio Lower Upper

95 100

174 83.7 0.0 159.6

176 79.6 0.0 153.8

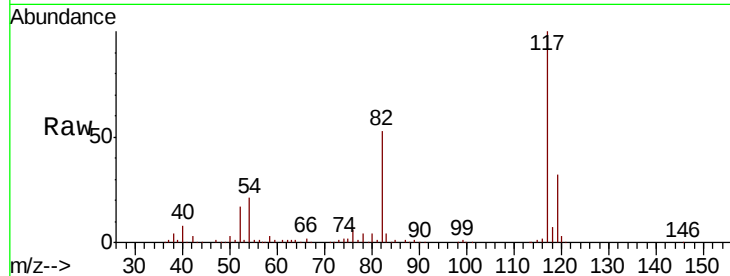




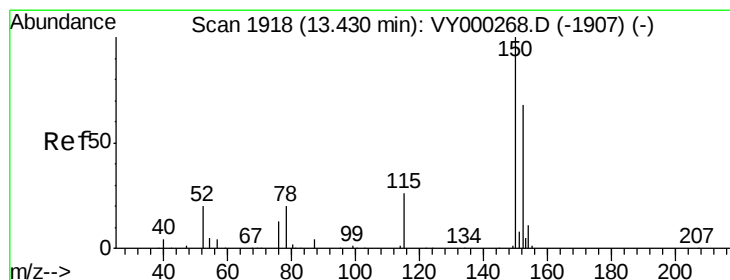
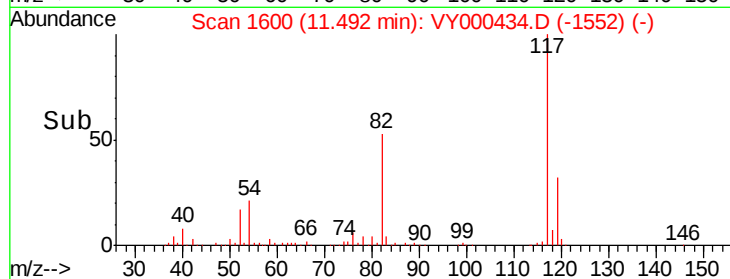
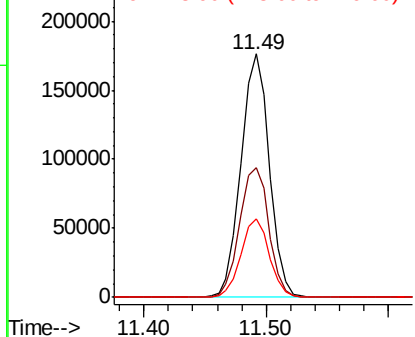
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000434.D
Acq: 25 Oct 2019 17:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 283173
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.1 26.6 39.8

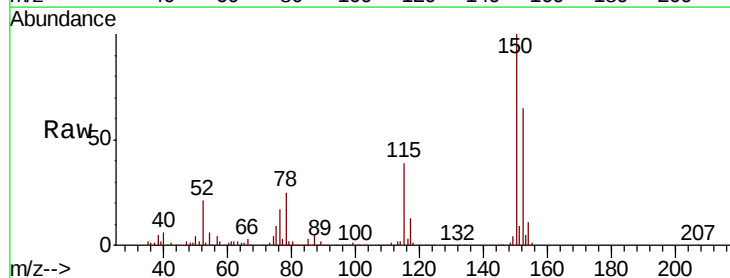


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

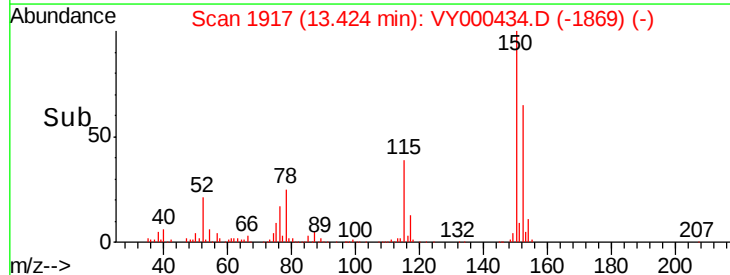
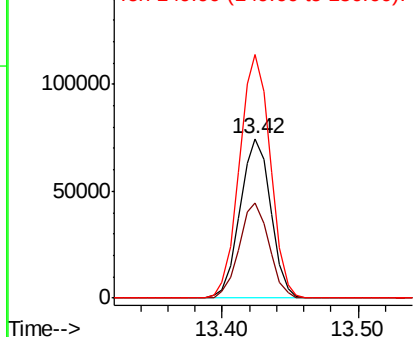


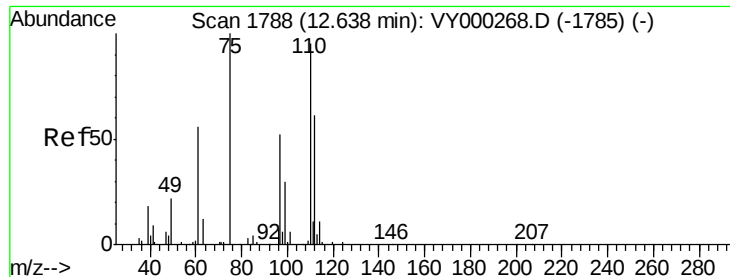
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000434.D
Acq: 25 Oct 2019 17:15

Tgt Ion:152 Resp: 117296
Ion Ratio Lower Upper
152 100
115 58.7 29.3 88.0
150 153.7 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: 44.008 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000434.D

Acq: 25 Oct 2019 17:15

Instrument :

MSVOA_Y

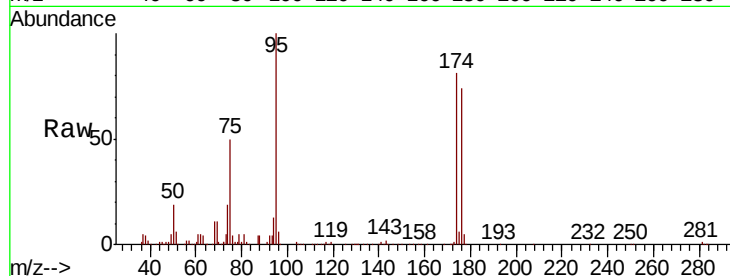
ClientSampleId :

Tot Ion: 75 Resp: 63475

Ion Ratio Lower Upper

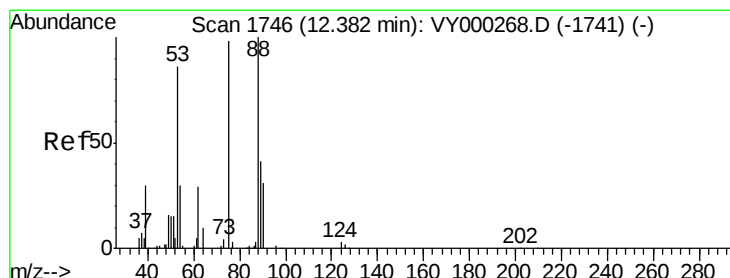
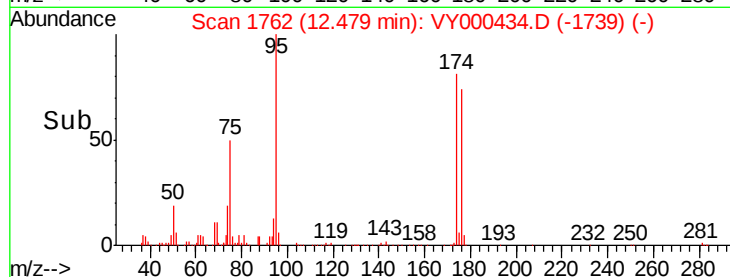
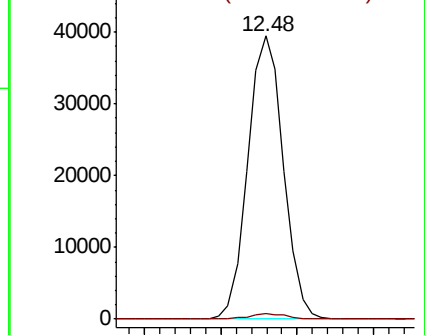
75 100

77 1.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 96.289 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000434.D

Acq: 25 Oct 2019 17:15

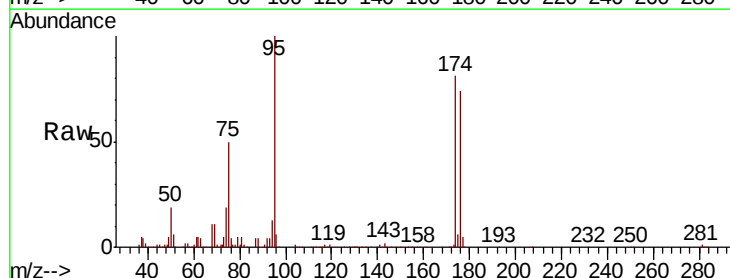
Tgt Ion: 75 Resp: 63475

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 35.1 52.7#



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

