

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
 Data File : VY000475.D
 Acq On : 29 Oct 2019 15:28
 Operator : SY/MD
 Sample : K5564-01RE
 Misc : 6.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 07:19:17 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	186277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	309279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	234079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	66011	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	104327	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	
35) Dibromofluoromethane	7.73	113	95469	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
50) Toluene-d8	10.18	98	354039	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.48	95	82382	30.22	ug/l	0.00
Spiked Amount			Recovery	=	60.44%	

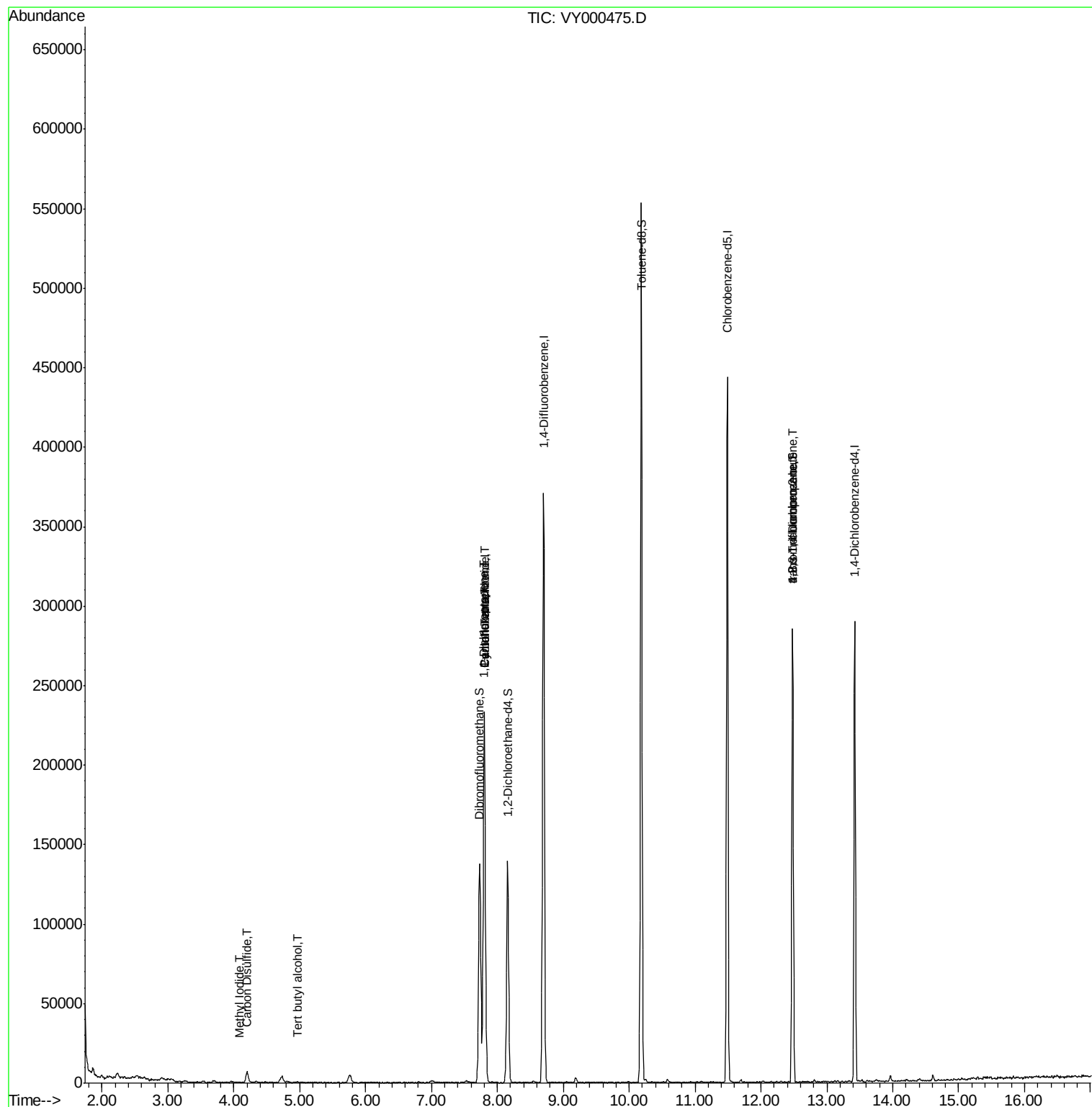
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.10	142	95	1.220	ug/l #	41
11) Tert butyl alcohol	4.96	59	530	2.577	ug/l #	73
17) Carbon Disulfide	4.20	76	13119	2.215	ug/l	95
20) Methylene Chloride	4.73	84	2742	Below Cal		84
31) Cyclohexane	7.80	56	4762	1.267	ug/l #	17
36) 1,1-Dichloropropene	7.79	75	14348	4.738	ug/l #	48
38) Carbon Tetrachloride	7.80	117	17088	5.828	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	45128	55.596	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	45128	121.642	ug/l #	14

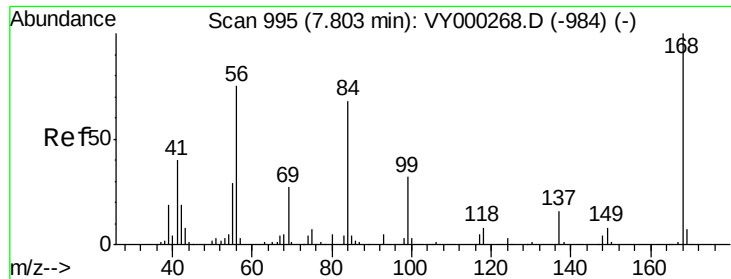
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
Data File : VY000475.D
Acq On : 29 Oct 2019 15:28
Operator : SY/MD
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Misc : 6.89G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 30 07:19:17 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

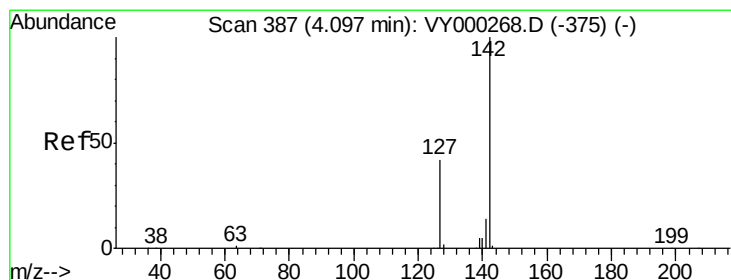
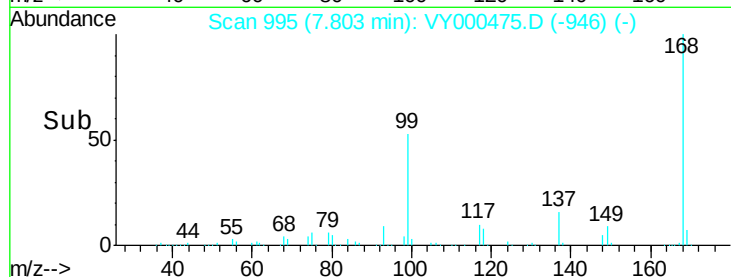
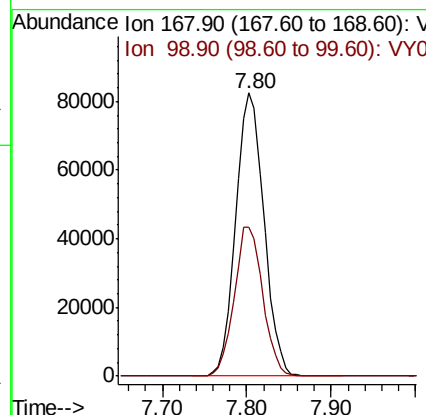
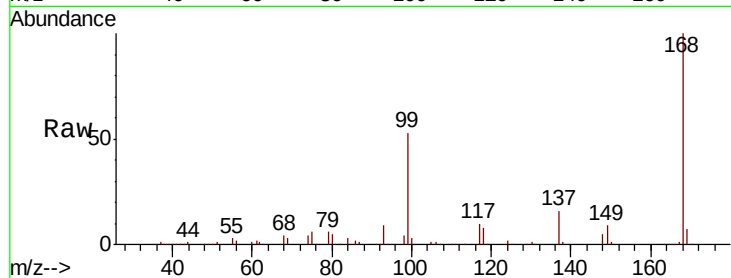




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000475.D
Acq: 29 Oct 2019 15:28

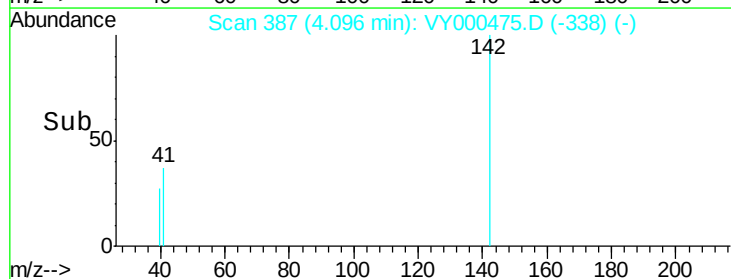
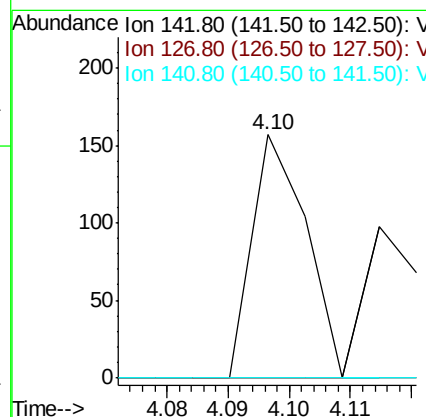
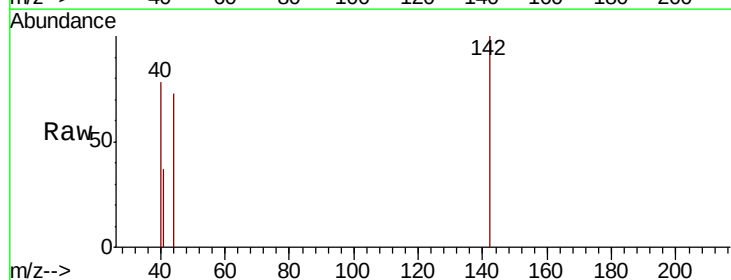
Instrument :
MSVOA_Y
ClientSampleId :

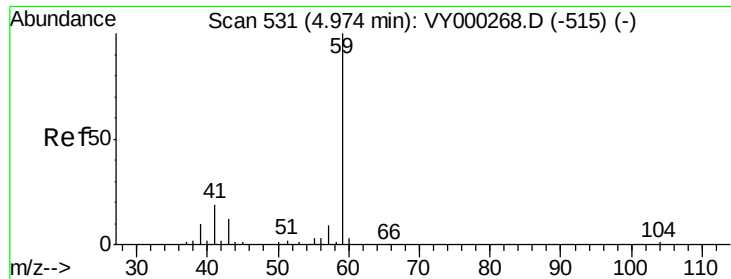
Tot Ion:168 Resp: 186277
Ion Ratio Lower Upper
168 100
99 52.7 46.6 69.8



#10
Methyl Iodide
Concen: 1.220 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.00 min
Lab File: VY000475.D
Acq: 29 Oct 2019 15:28

Tgt Ion:142 Resp: 95
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#

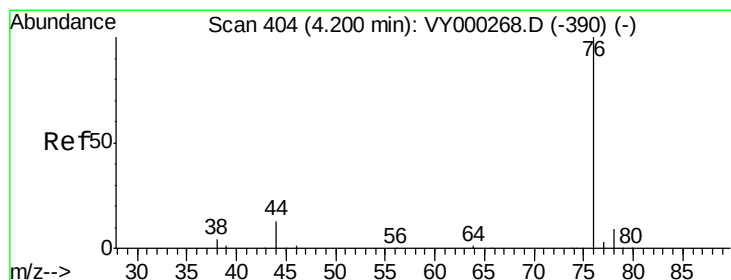
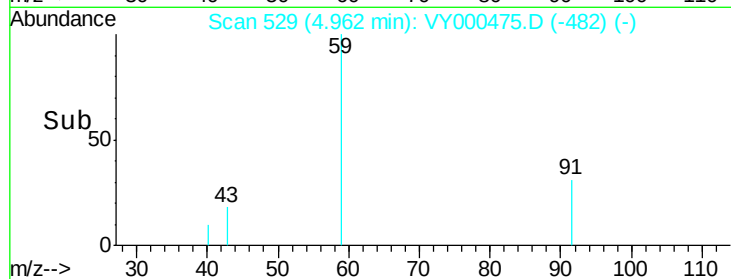
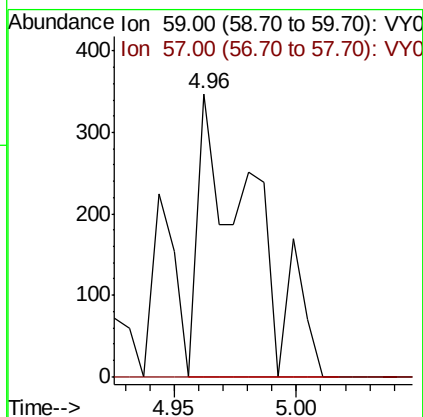
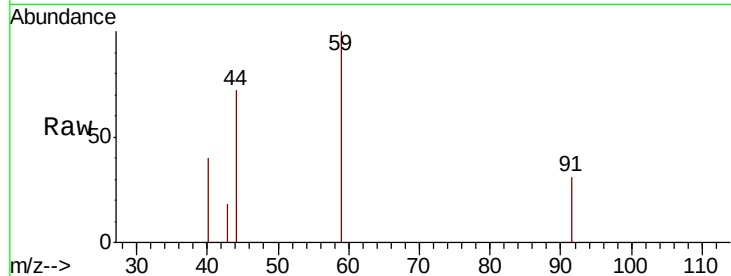




#11
Tert butyl alcohol
Concen: 2.577 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000475.D
Acq: 29 Oct 2019 15:28

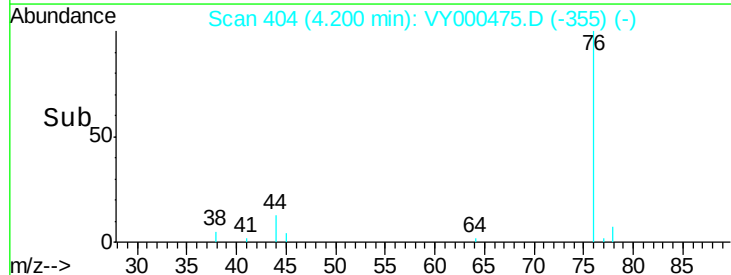
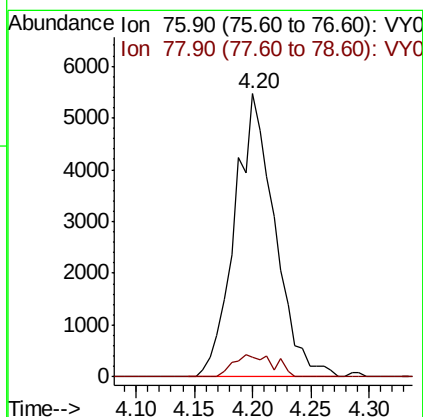
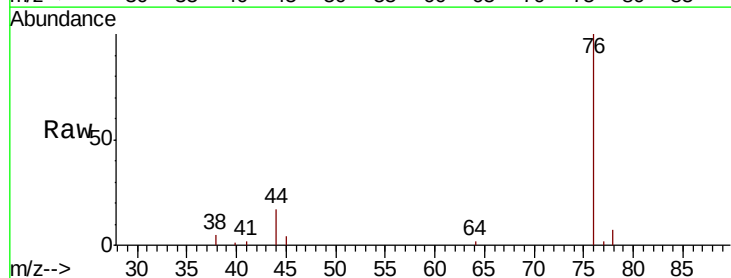
Instrument :
MSVOA_Y
ClientSampleId :

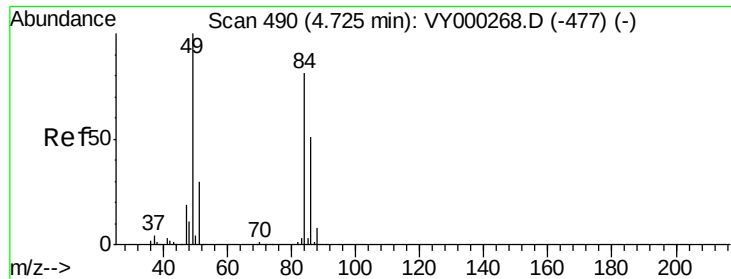
Tot Ion: 59 Resp: 530
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#17
Carbon Disulfide
Concen: 2.215 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000475.D
Acq: 29 Oct 2019 15:28

Tgt Ion: 76 Resp: 13119
Ion Ratio Lower Upper
76 100
78 7.0 7.0 10.4

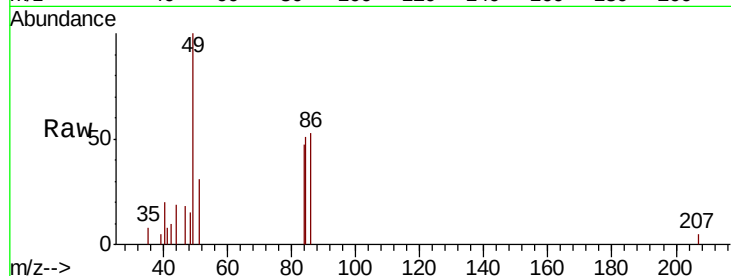




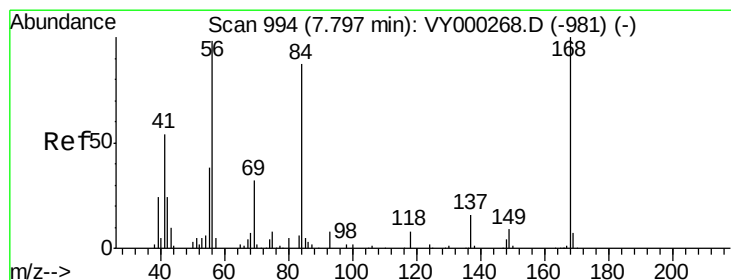
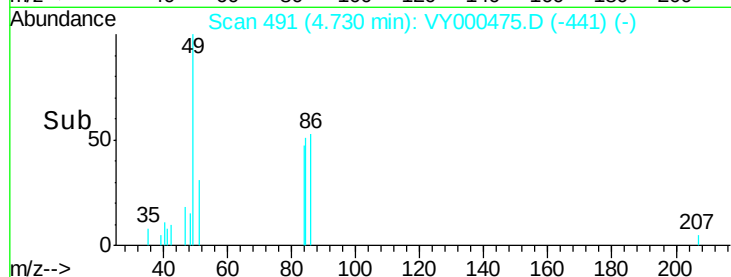
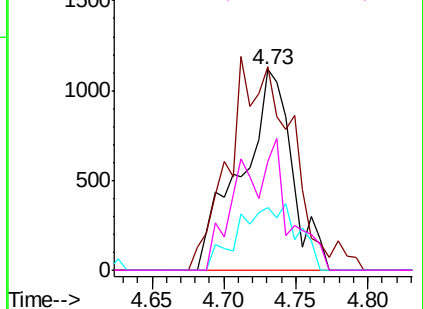
#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000475.D
Acq: 29 Oct 2019 15:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	84	Resp:	2742
Ion	Ratio	Lower	Upper
84	100		
49	101.6	99.0	148.4
51	31.0	29.3	43.9
86	53.9	50.2	75.4

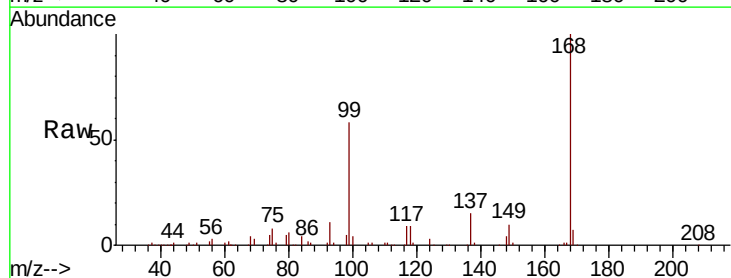


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

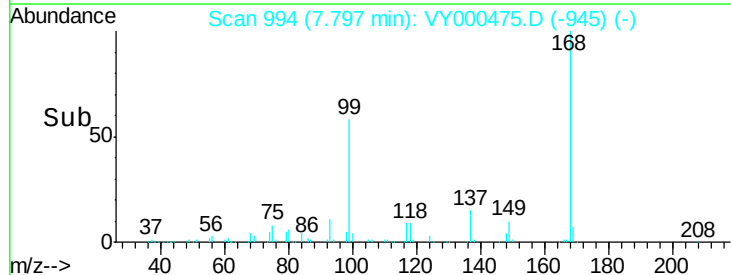
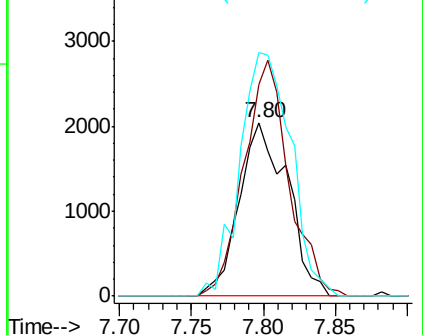


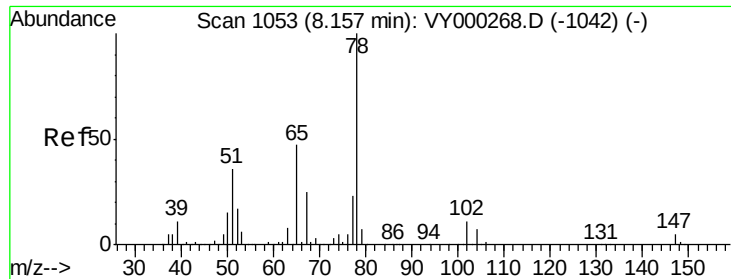
#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000475.D
Acq: 29 Oct 2019 15:28

Tgt Ion:	56	Resp:	4762
Ion	Ratio	Lower	Upper
56	100		
69	122.2	26.3	39.5#
84	140.3	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

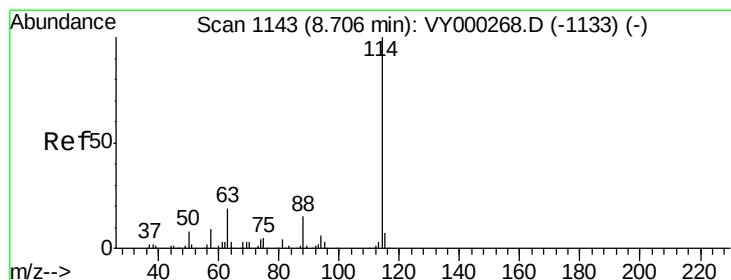
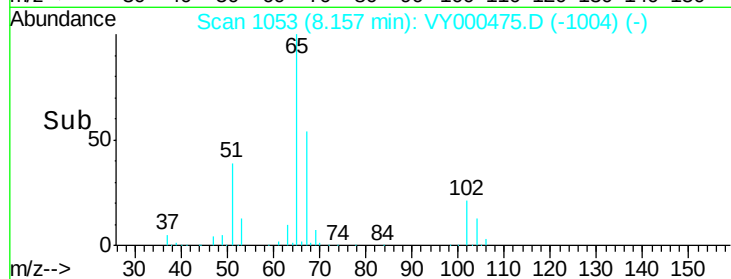
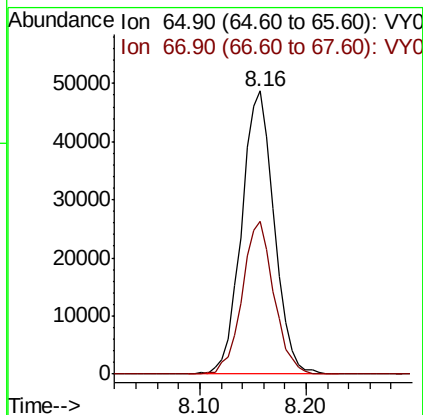
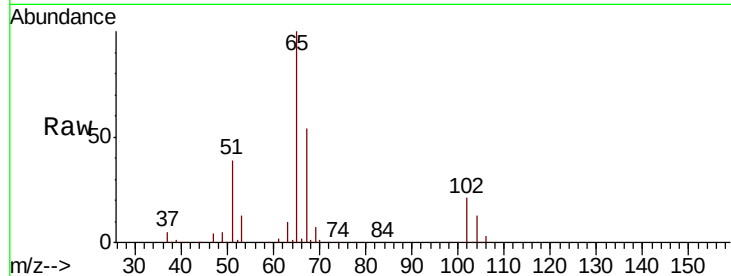




#33
 1,2-Dichloroethane-d4
 Concen: 53.094 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000475.D
 Acq: 29 Oct 2019 15:28

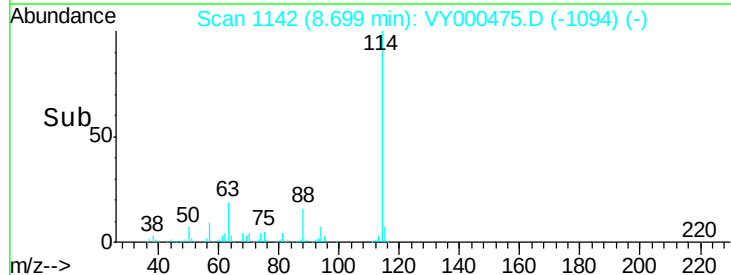
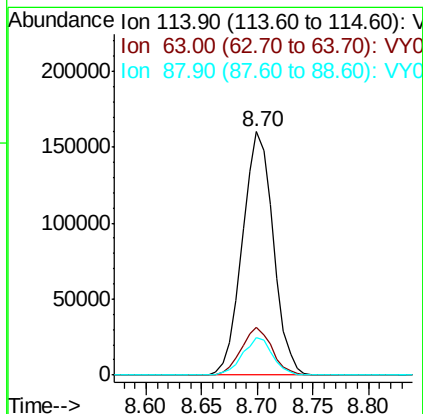
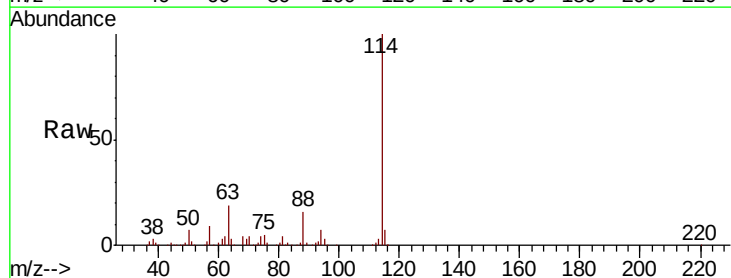
Instrument :
 MSVOA_Y
 ClientSampled :

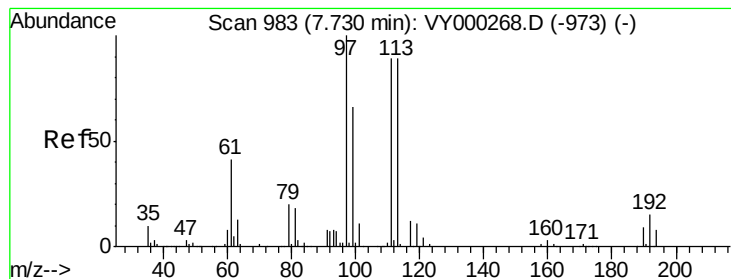
Tot Ion: 65 Resp: 104327
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000475.D
 Acq: 29 Oct 2019 15:28

Tgt Ion: 114 Resp: 309279
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.2
 88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.173 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000475.D

Acq: 29 Oct 2019 15:28

Instrument :

MSVOA_Y

ClientSampled :

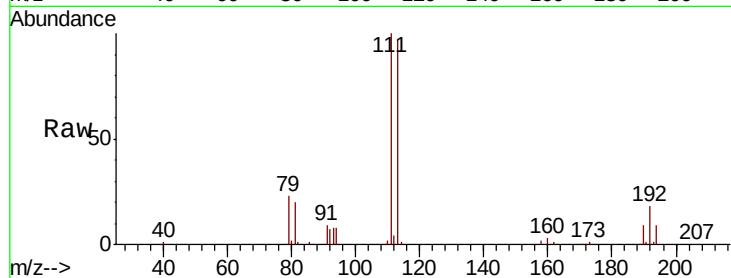
Tot Ion:113 Resp: 95469

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

192 19.4 15.3 22.9

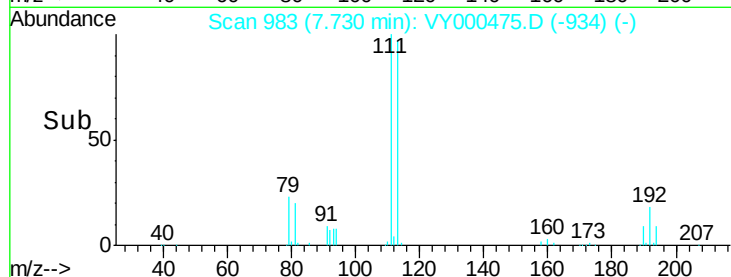


Abundance Ion 112.80 (112.50 to 113.50): V

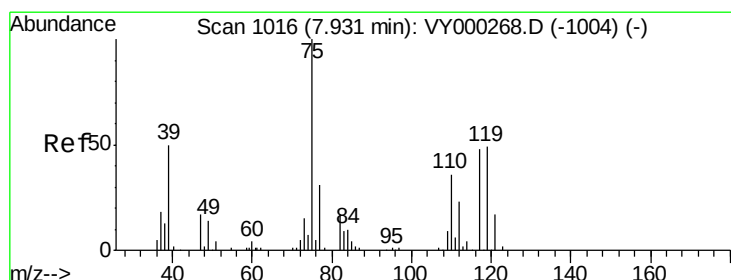
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.73



Time-->



#36

1,1-Dichloropropene

Concen: 4.738 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.14 min

Lab File: VY000475.D

Acq: 29 Oct 2019 15:28

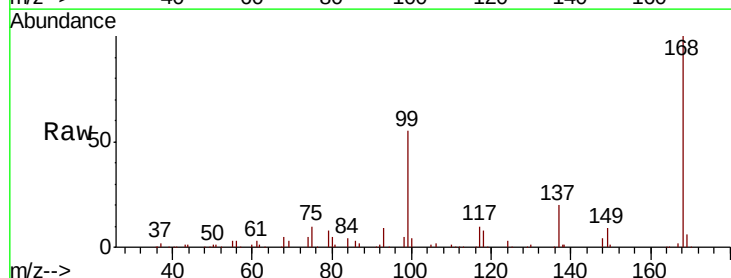
Tgt Ion: 75 Resp: 14348

Ion Ratio Lower Upper

75 100

110 8.8 18.4 55.4#

77 0.0 25.0 37.6#

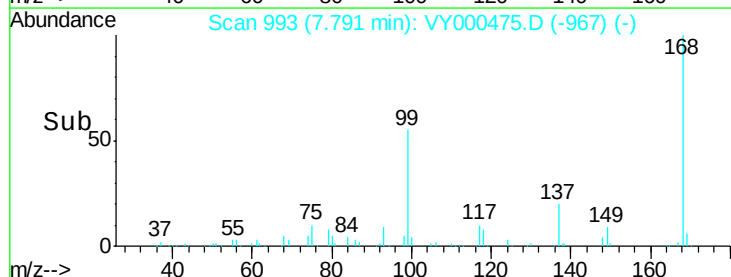


Abundance Ion 74.90 (74.60 to 75.60): VY0

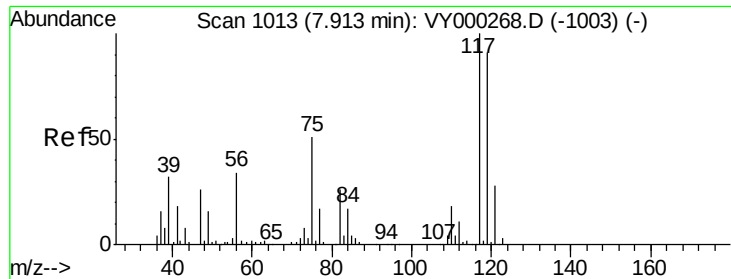
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

7.79



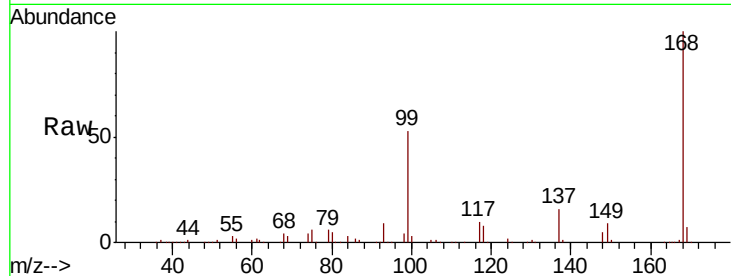
Time-->



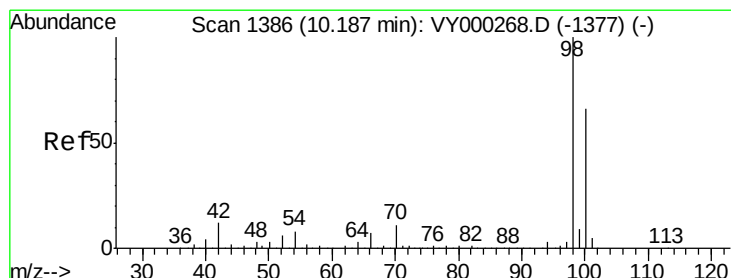
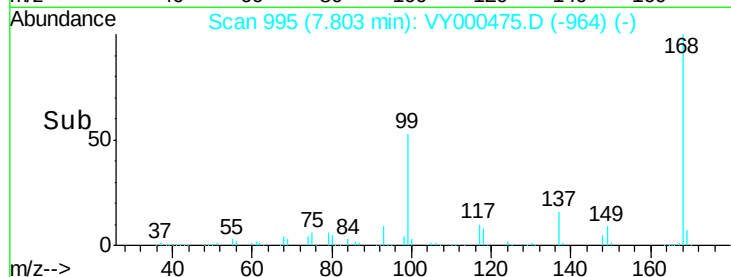
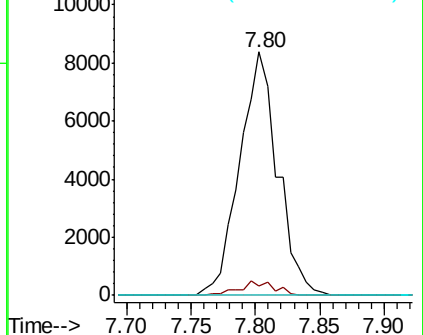
#38
Carbon Tetrachloride
Concen: 5.828 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000475.D
Acq: 29 Oct 2019 15:28

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 17088
Ion Ratio Lower Upper
117 100
119 3.9 72.8 109.2#
121 0.0 22.2 33.2#

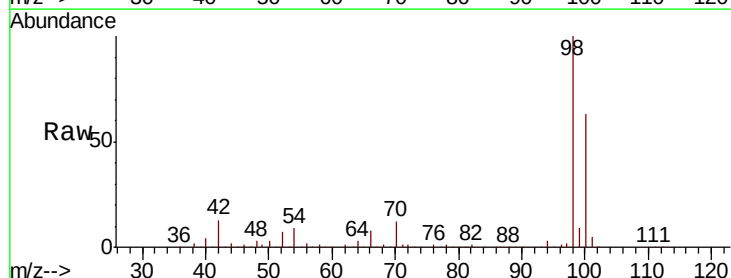


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

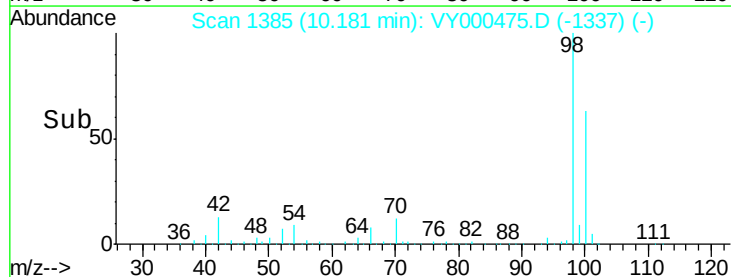
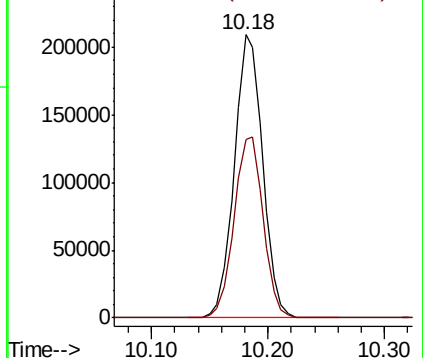


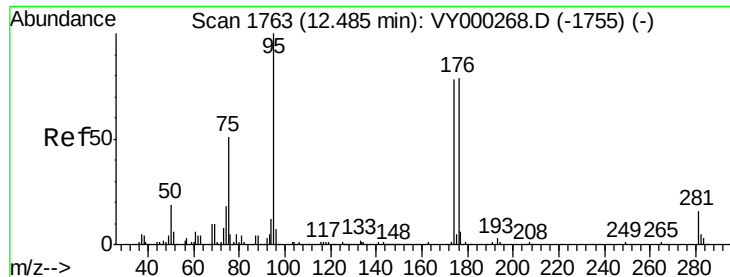
#50
Toluene-d8
Concen: 49.333 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000475.D
Acq: 29 Oct 2019 15:28

Tgt Ion: 98 Resp: 354039
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 30.216 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000475.D

Acq: 29 Oct 2019 15:28

Instrument :

MSVOA_Y

ClientSampleId :

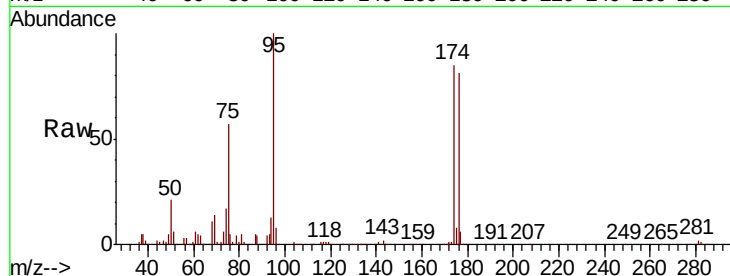
Tot Ion: 95 Resp: 82382

Ion Ratio Lower Upper

95 100

174 82.9 0.0 159.6

176 79.8 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000475.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY000475.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY000475.D (-1714) (-)

12.48

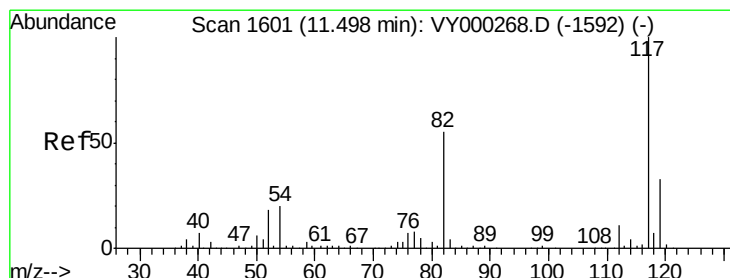
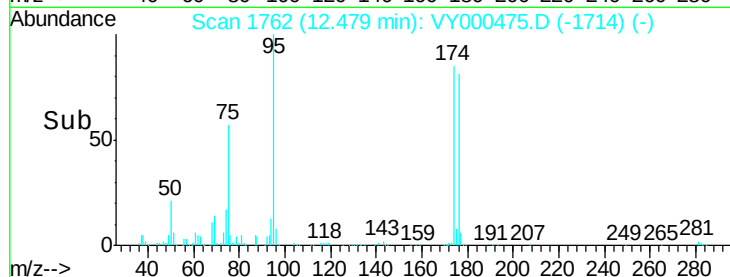
60000

40000

20000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY000475.D

Acq: 29 Oct 2019 15:28

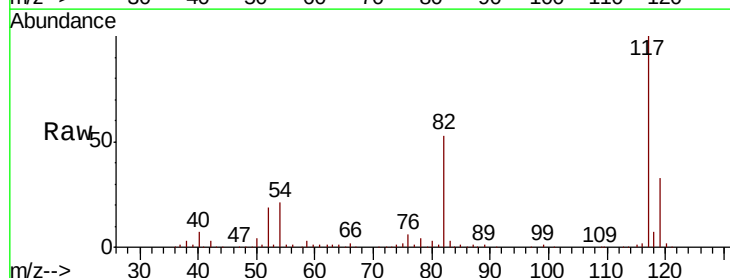
Tgt Ion: 117 Resp: 234079

Ion Ratio Lower Upper

117 100

82 53.3 43.7 65.5

119 32.7 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): VY000475.D (-1552) (-)

Ion 82.00 (81.70 to 82.70): VY000475.D (-1552) (-)

Ion 118.90 (118.60 to 119.60): VY000475.D (-1552) (-)

11.49

200000

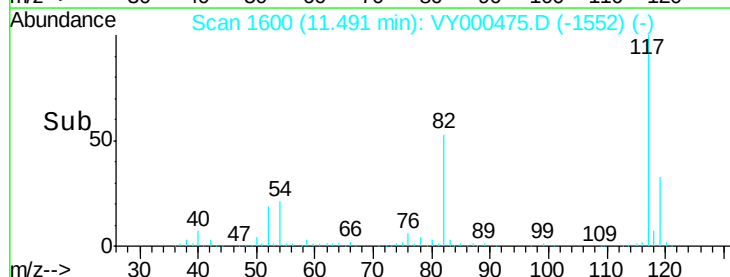
150000

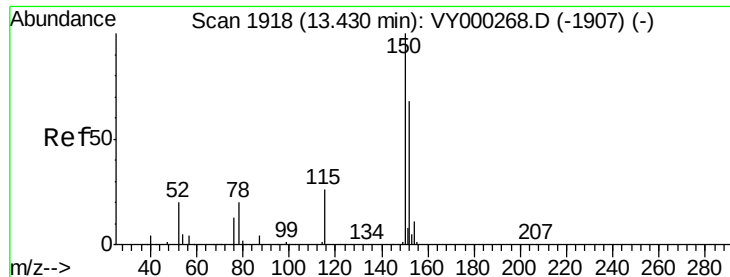
100000

50000

0

Time-->



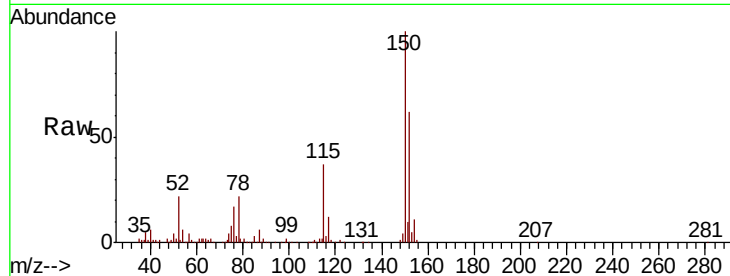


#72

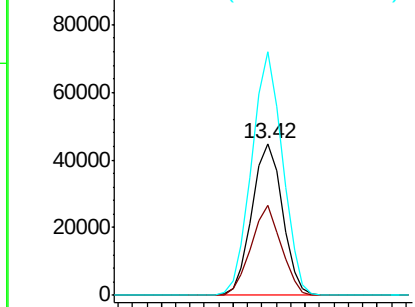
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000475.D
Acq: 29 Oct 2019 15:28

Instrument :
MSVOA_Y
ClientSampleId :

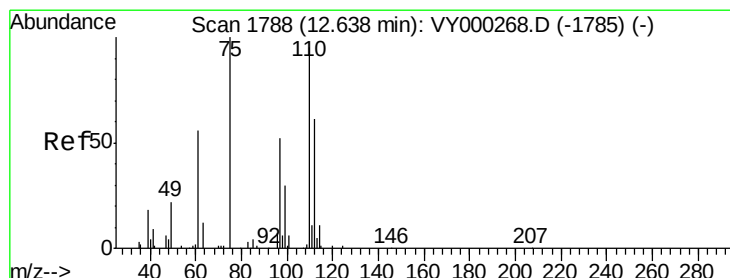
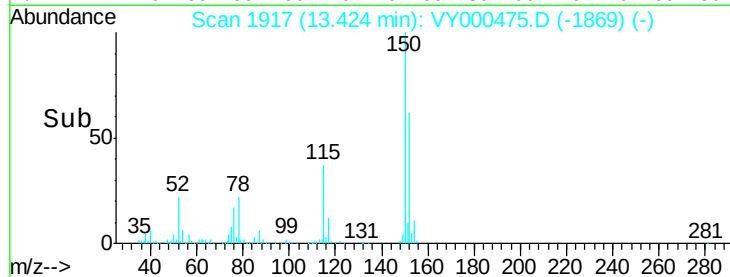
Tot Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.3	88.0
150	162.0	0.0	348.4



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



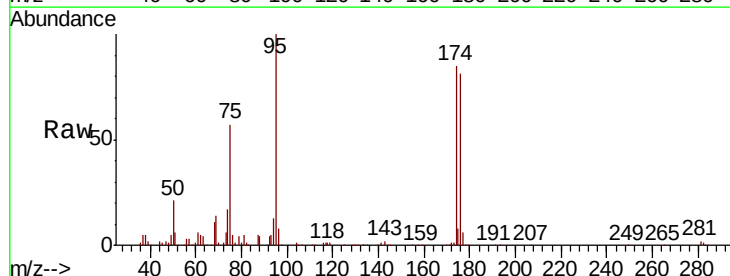
Time-->



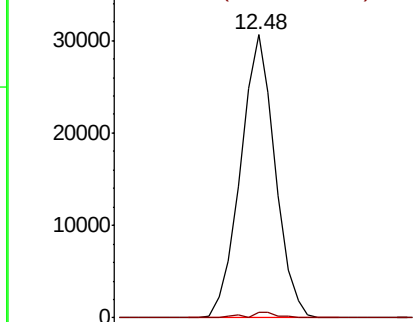
#76

1,2,3-Trichloropropane
Concen: 55.596 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000475.D
Acq: 29 Oct 2019 15:28

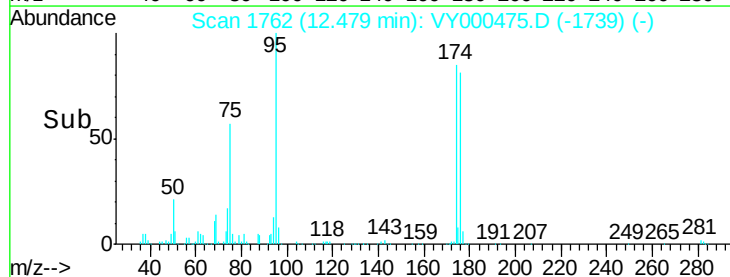
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#

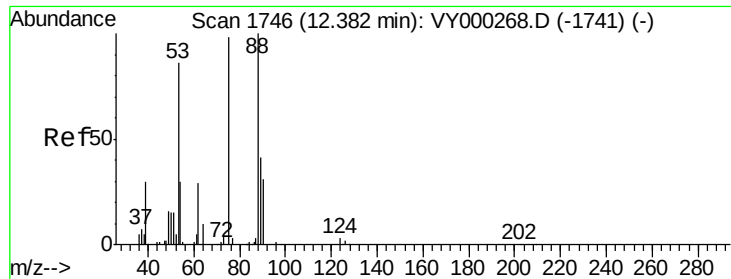


Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 121.642 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000475.D

Acq: 29 Oct 2019 15:28

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 45128

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.1 35.1 52.7#

