

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002467.D
 Acq On : 23 Apr 2020 18:09
 Operator : SY/MD
 Sample : L2378-02
 Misc : 6.38G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:34:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

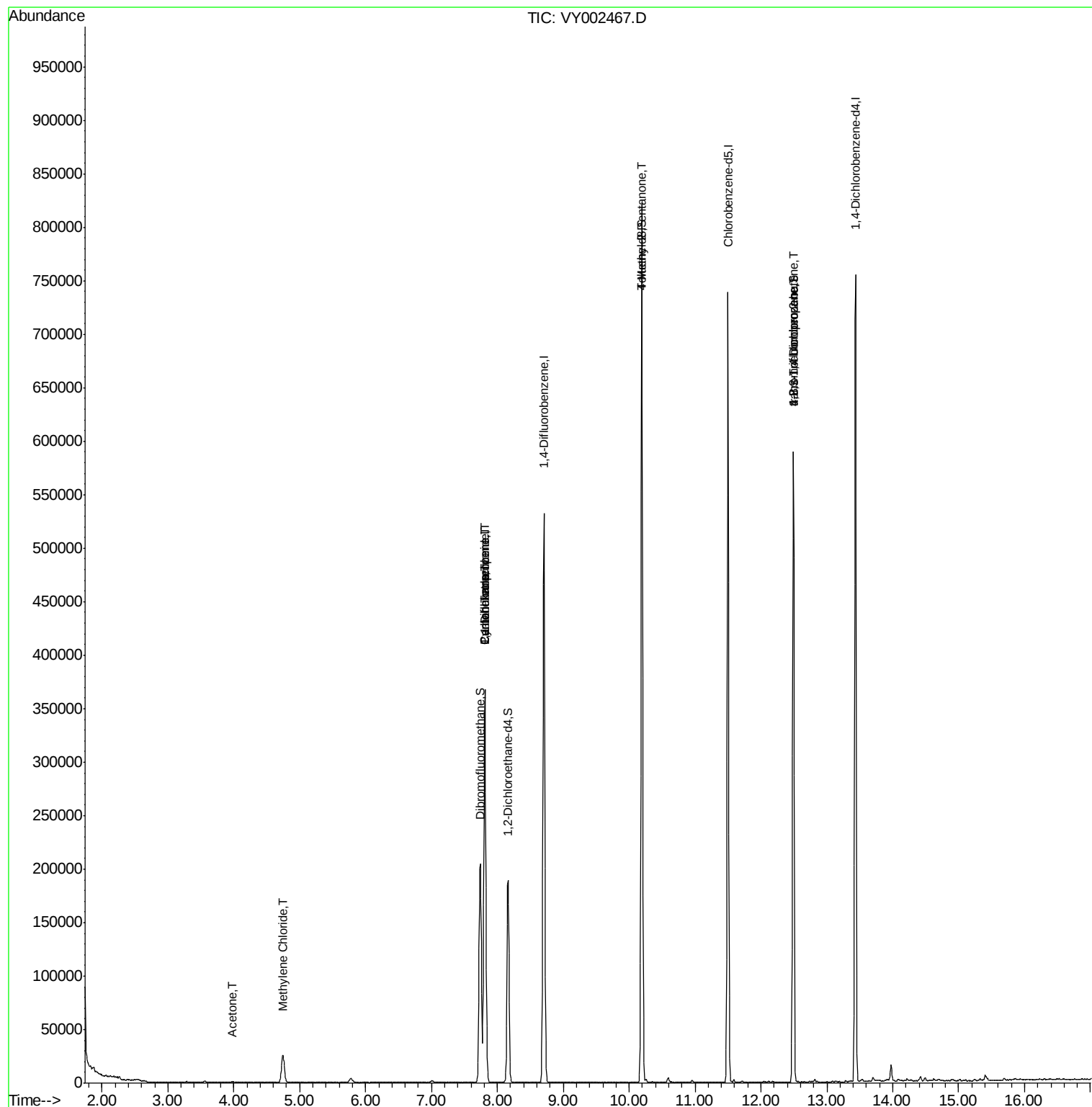
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	302988	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	477144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	419070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	203059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	148978	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.52%	
35) Dibromofluoromethane	7.74	113	144028	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
50) Toluene-d8	10.19	98	559189	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.49	95	176238	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	1341	2.423	ug/l	92
20) Methylene Chloride	4.74	84	21475	6.796	ug/l	97
31) Cyclohexane	7.80	56	4707	1.032	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	19323	4.723	ug/l #	49
38) Carbon Tetrachloride	7.81	117	28083	5.969	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	2123	1.063	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	87103	50.611	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	87103	93.654	ug/l #	15

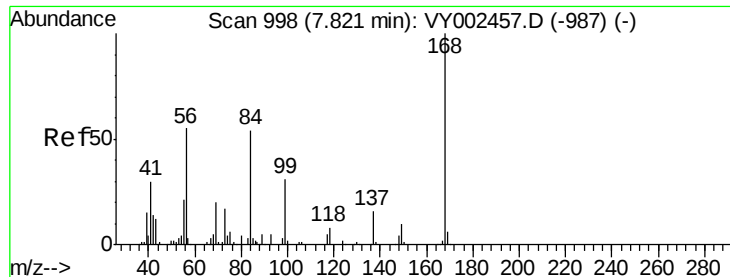
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002467.D

Acq: 23 Apr 2020 18:09

Instrument :

MSVOA_Y

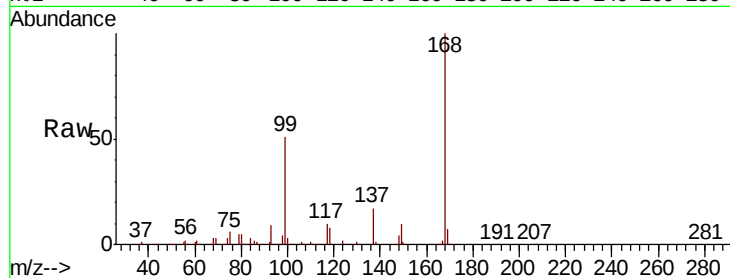
ClientSampleId :

Tot Ion:168 Resp: 302988

Ion Ratio Lower Upper

168 100

99 50.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.81

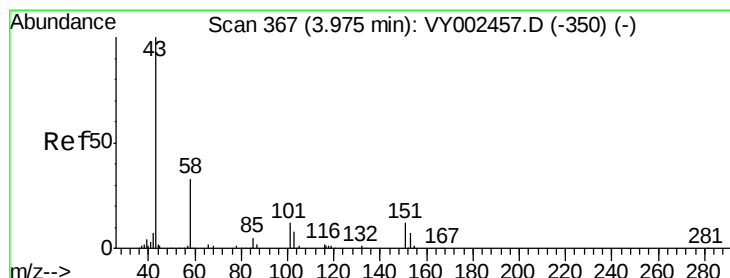
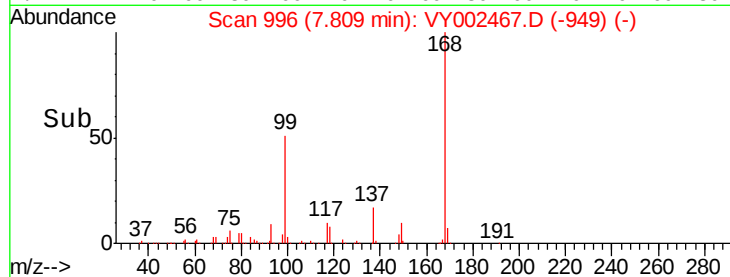
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.423 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY002467.D

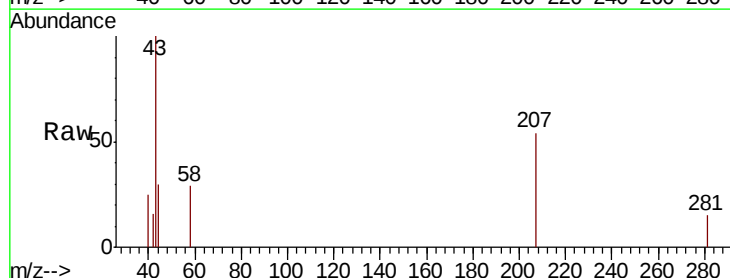
Acq: 23 Apr 2020 18:09

Tgt Ion: 43 Resp: 1341

Ion Ratio Lower Upper

43 100

58 28.6 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY002457.D (-350) (-)

3.97

600

500

400

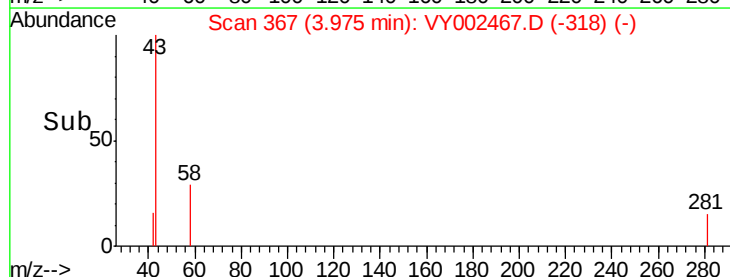
300

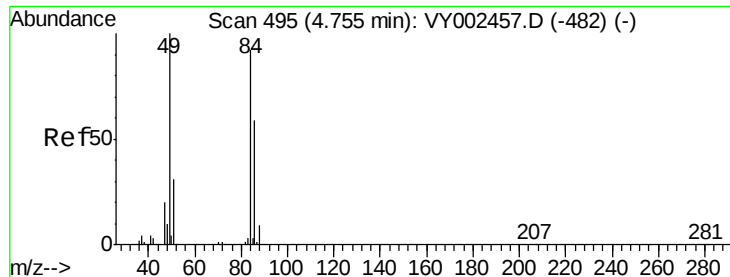
200

100

0

Time-->

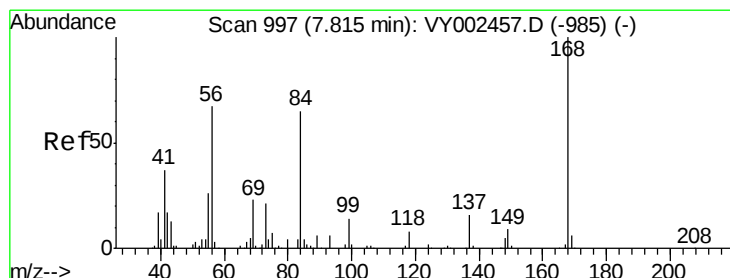
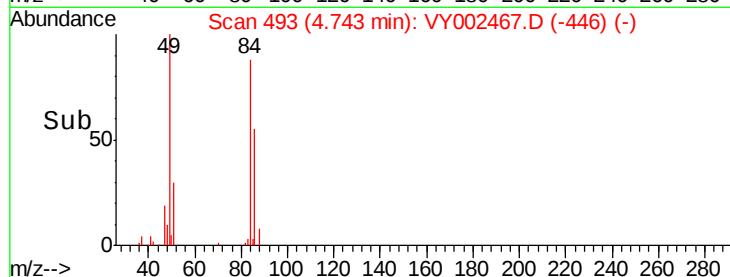
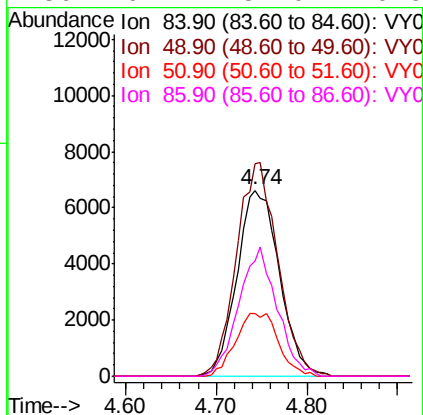
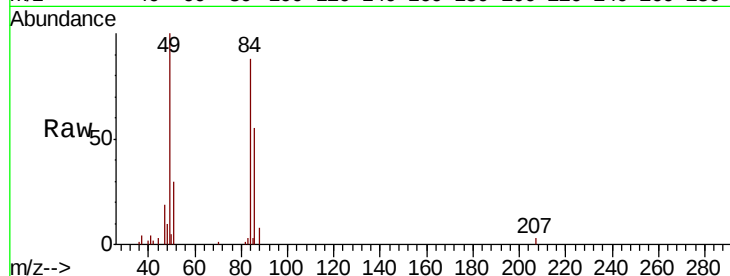




#20
Methvlene Chloride
Concen: 6.796 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY002467.D
Acq: 23 Apr 2020 18:09

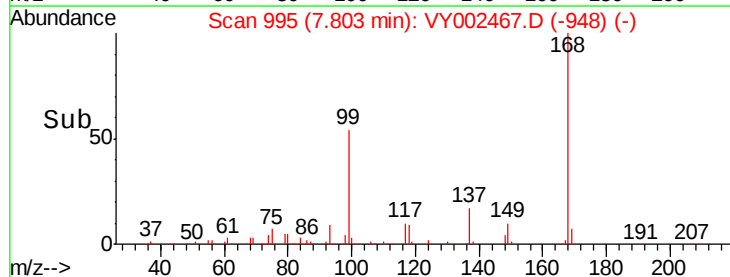
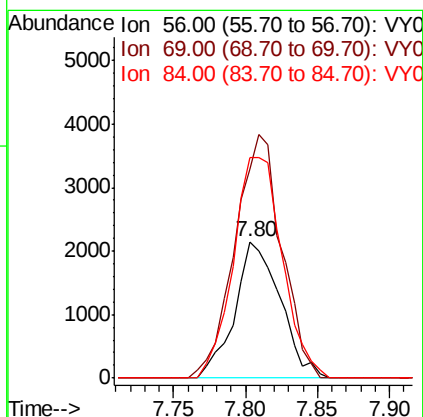
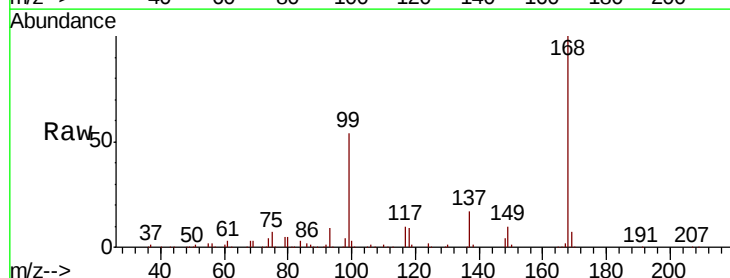
Instrument :
MSVOA_Y
ClientSampleId :

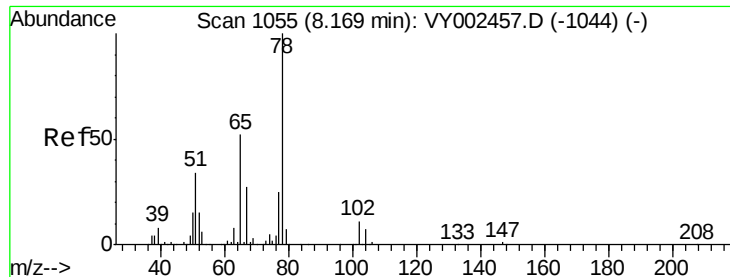
Tot Ion:	84	Resp:	21475
Ion	Ratio	Lower	Upper
84	100		
49	113.9	86.9	130.3
51	33.6	27.3	40.9
86	62.2	51.0	76.6



#31
Cyclohexane
Concen: 1.032 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002467.D
Acq: 23 Apr 2020 18:09

Tgt Ion:	56	Resp:	4707
Ion	Ratio	Lower	Upper
56	100		
69	153.3	27.0	40.6#
84	161.4	77.4	116.2#





#33

1,2-Dichloroethane-d4

Concen: 56.256 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002467.D

Acq: 23 Apr 2020 18:09

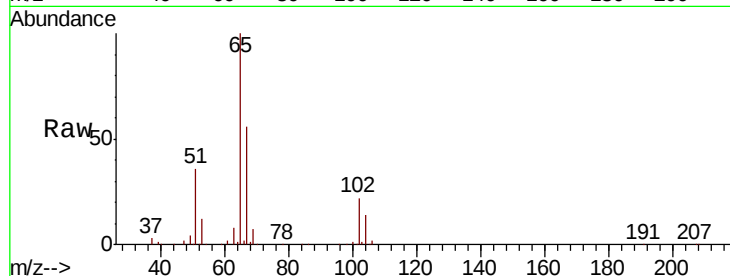
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 148978

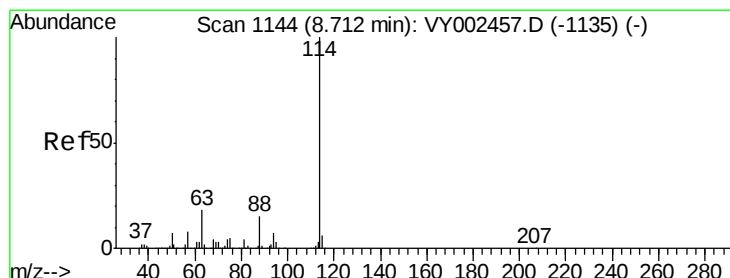
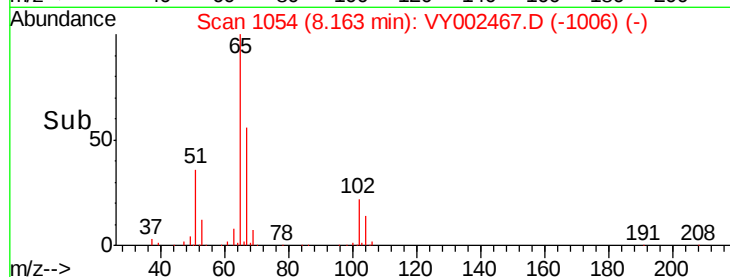
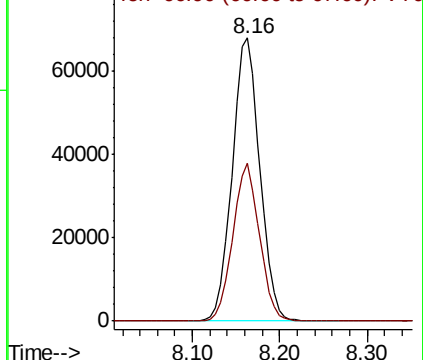
Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.2



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: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002467.D

Acq: 23 Apr 2020 18:09

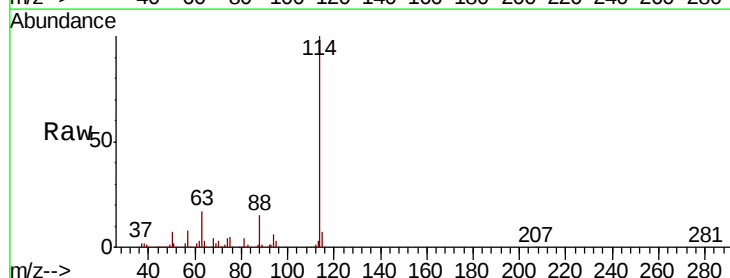
Tgt Ion: 114 Resp: 477144

Ion Ratio Lower Upper

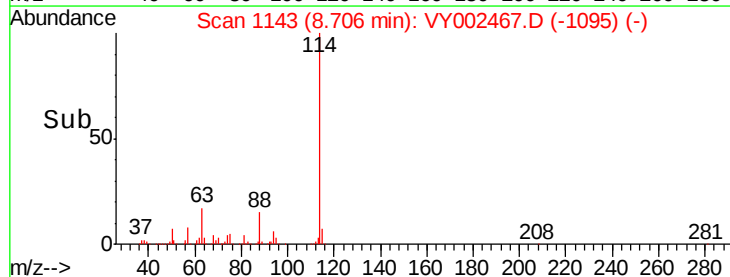
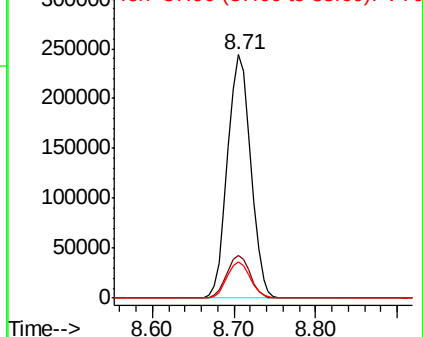
114 100

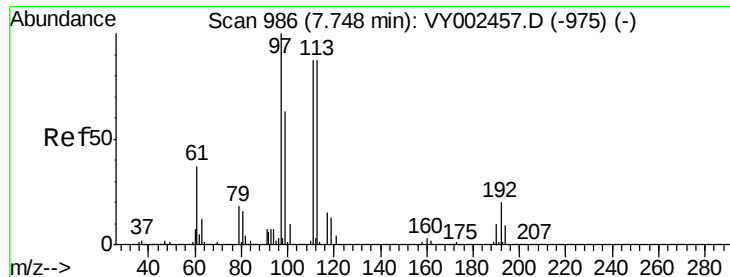
63 17.4 0.0 35.6

88 15.0 0.0 29.4



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

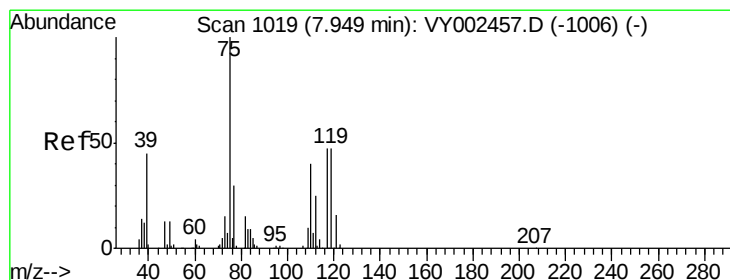
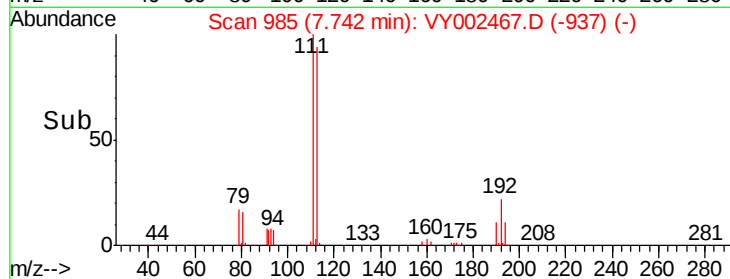
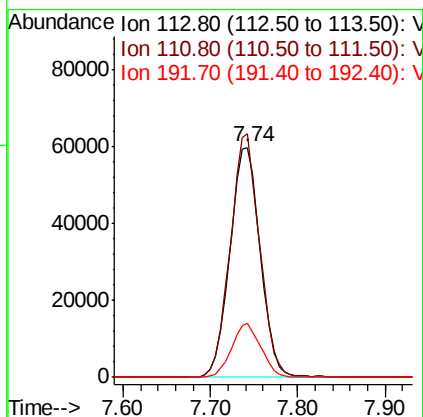
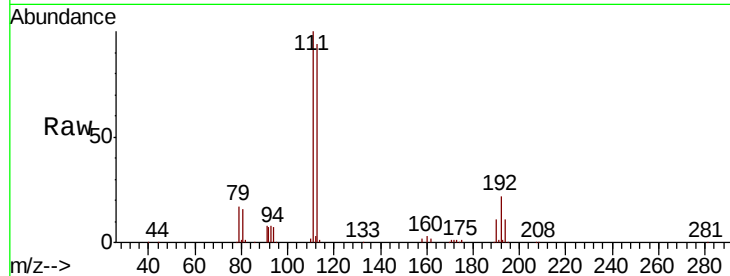




#35
 Dibromofluoromethane
 Concen: 53.515 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY002467.D
 Acq: 23 Apr 2020 18:09

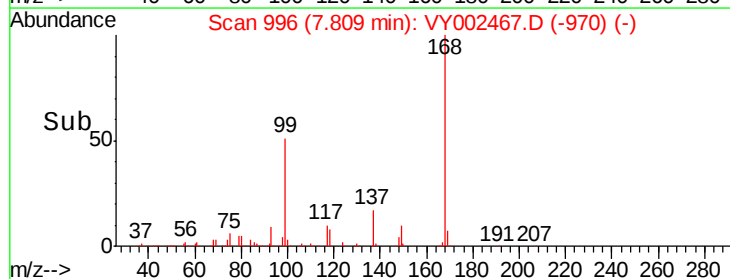
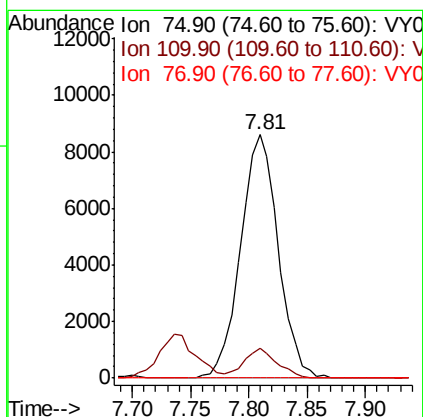
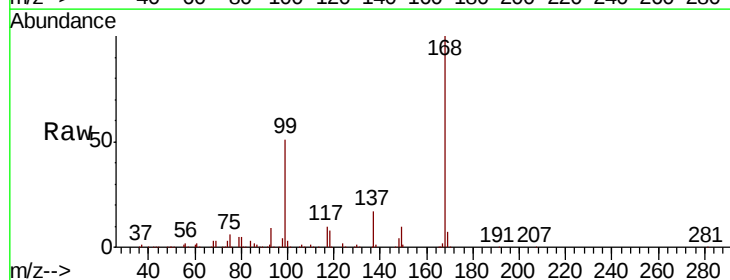
Instrument :
 MSVOA_Y
 ClientSampleId :

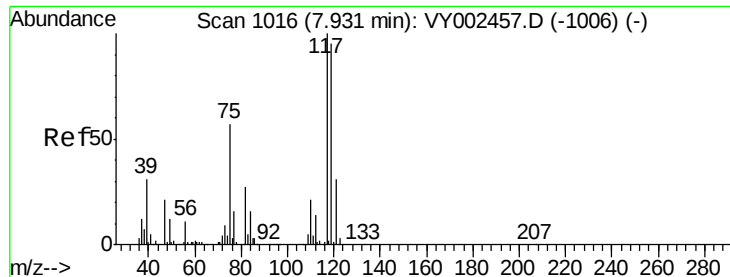
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.0	121.4
192	22.6	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 4.723 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.14 min
 Lab File: VY002467.D
 Acq: 23 Apr 2020 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.6	19.4	58.4#
77	0.0	24.7	37.1#

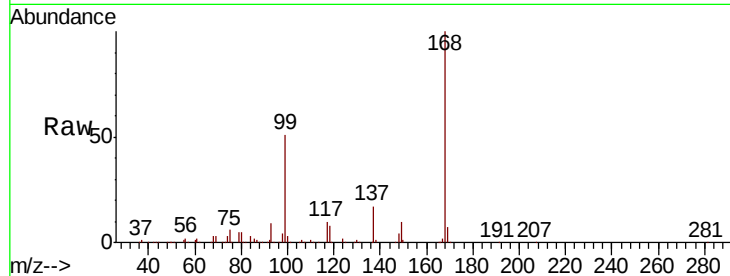




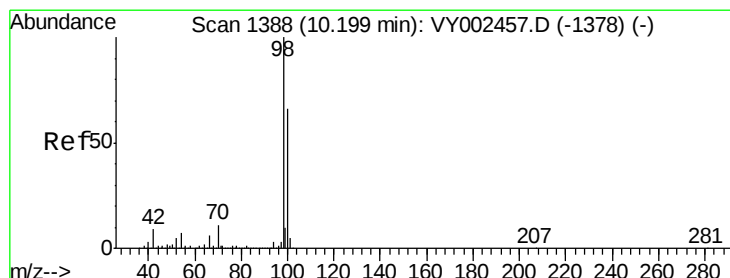
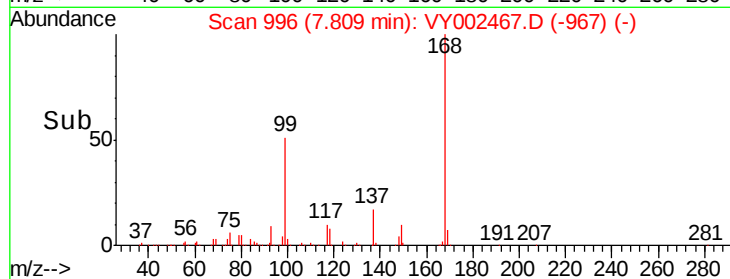
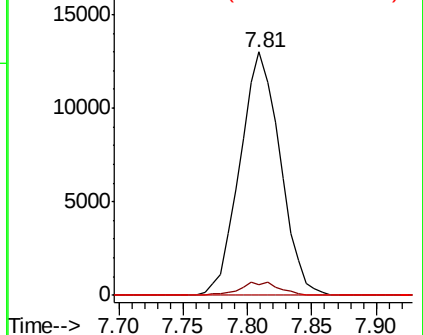
#38
Carbon Tetrachloride
Concen: 5.969 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY002467.D
Acq: 23 Apr 2020 18:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 28083
Ion Ratio Lower Upper
117 100
119 4.6 75.9 113.9#
121 0.0 24.5 36.7#

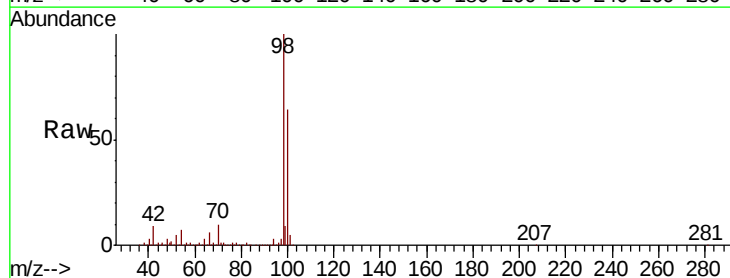


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

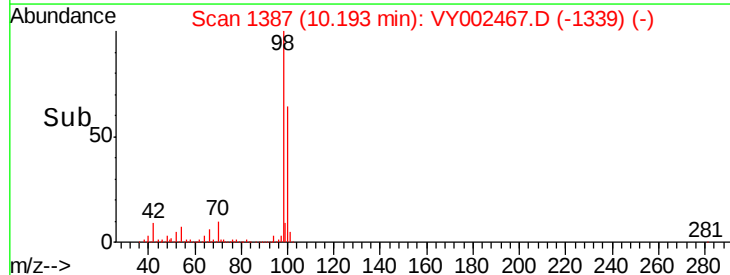
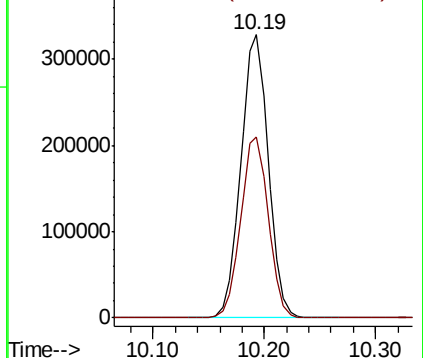


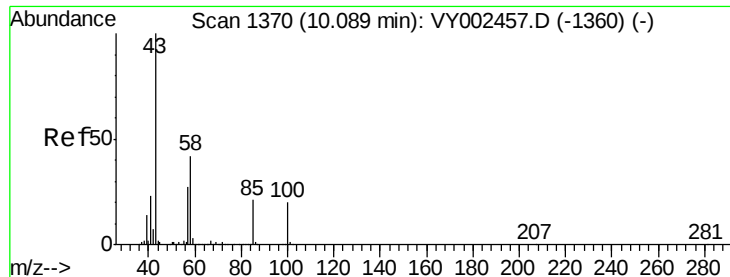
#50
Toluene-d8
Concen: 51.695 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VY002467.D
Acq: 23 Apr 2020 18:09

Tgt Ion: 98 Resp: 559189
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7



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





#51

4-Methyl-2-Pentanone

Concen: 1.063 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.10 min

Lab File: VY002467.D

Acq: 23 Apr 2020 18:09

Instrument :

MSVOA_Y

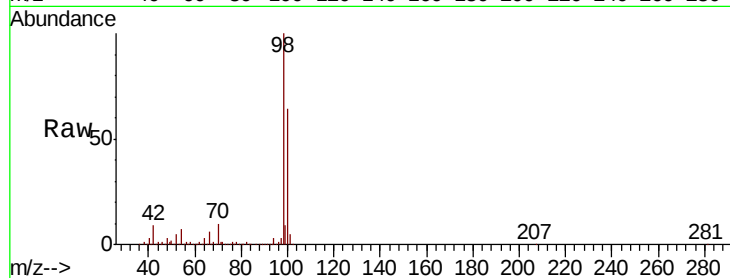
ClientSampled :

Tot Ion: 43 Resp: 2123

Ion Ratio Lower Upper

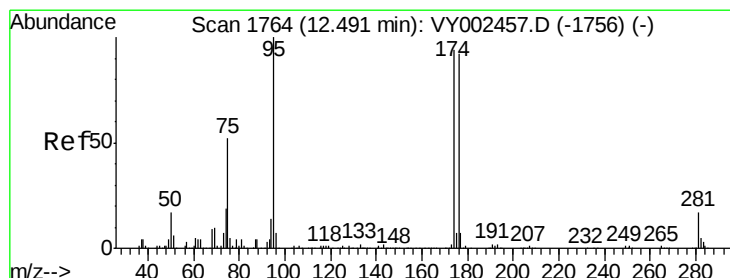
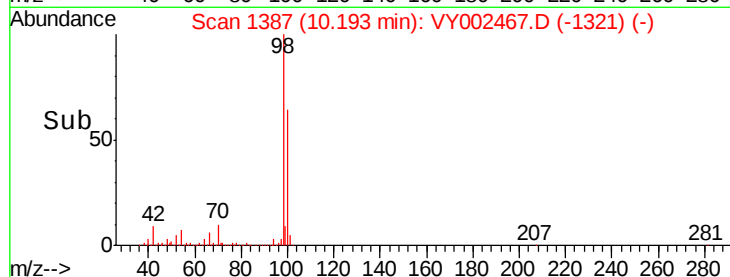
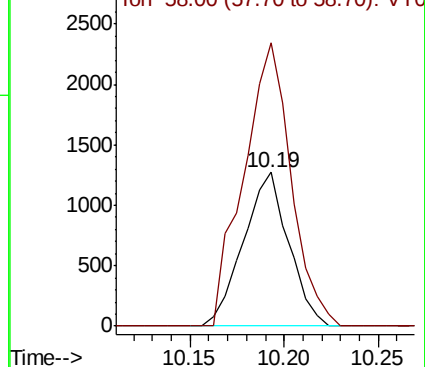
43 100

58 192.0 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 48.556 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002467.D

Acq: 23 Apr 2020 18:09

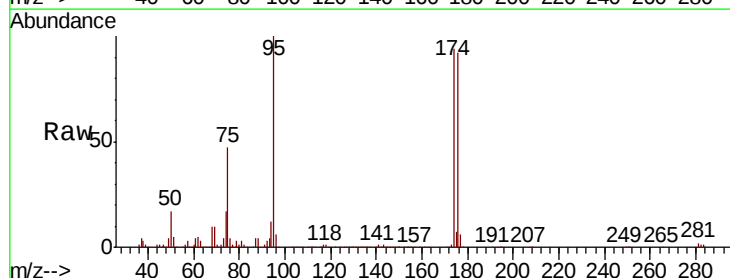
Tgt Ion: 95 Resp: 176238

Ion Ratio Lower Upper

95 100

174 93.7 0.0 193.0

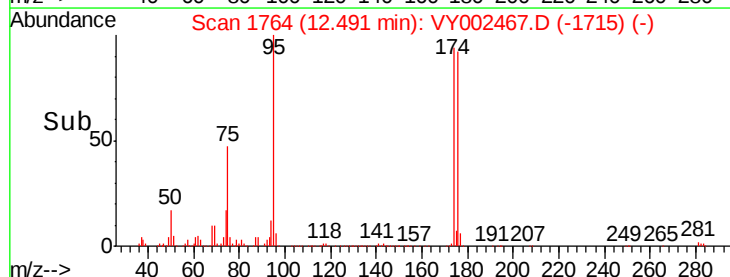
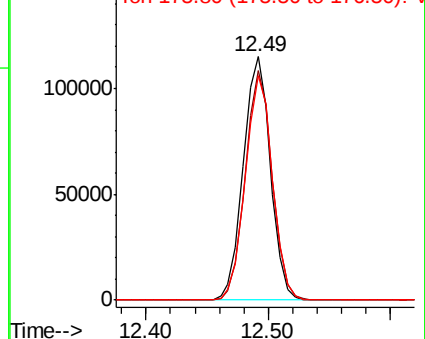
176 92.5 0.0 190.4

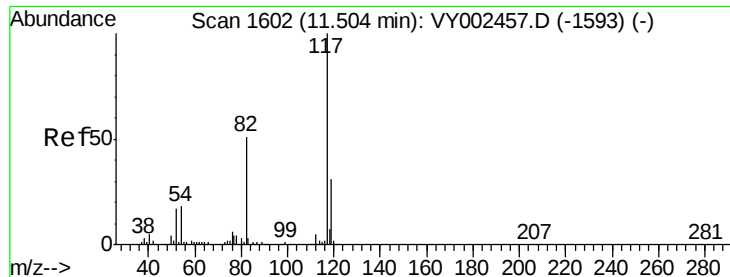


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

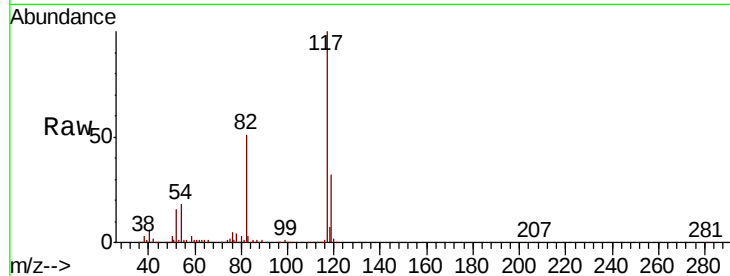




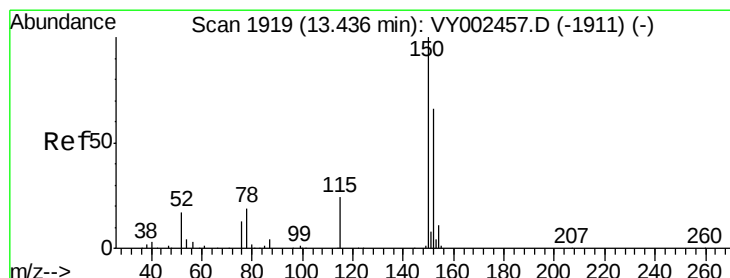
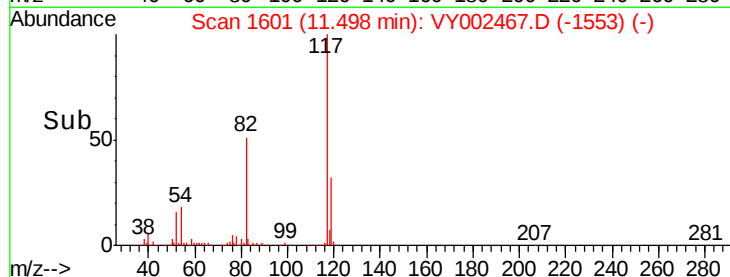
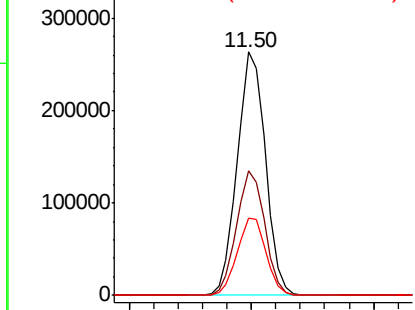
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002467.D
Acq: 23 Apr 2020 18:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 419070
Ion Ratio Lower Upper
117 100
82 51.3 40.8 61.2
119 31.6 25.2 37.8

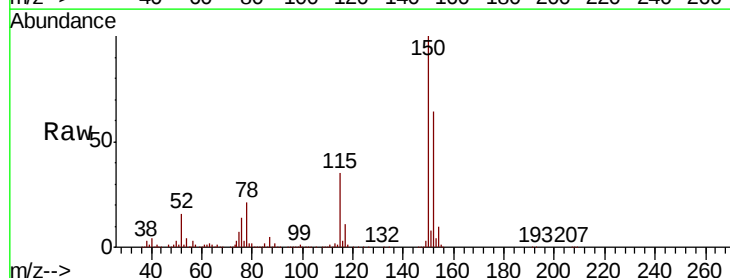


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

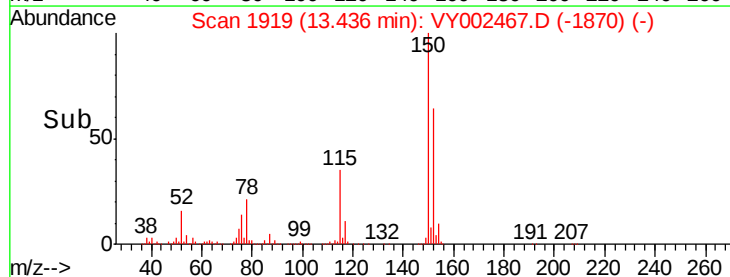
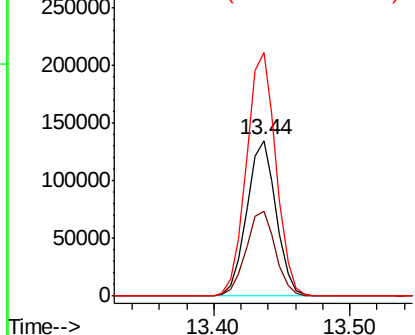


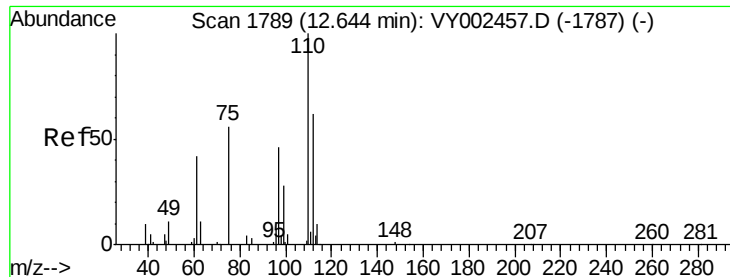
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002467.D
Acq: 23 Apr 2020 18:09

Tgt Ion:152 Resp: 203059
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.8
150 158.0 0.0 346.8



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: 50.611 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002467.D

Acq: 23 Apr 2020 18:09

Instrument :

MSVOA_Y

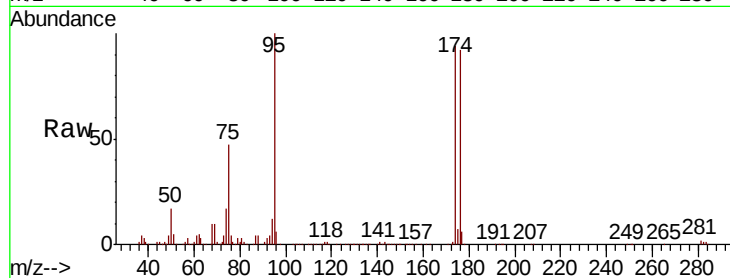
ClientSampled :

Tot Ion: 75 Resp: 87103

Ion Ratio Lower Upper

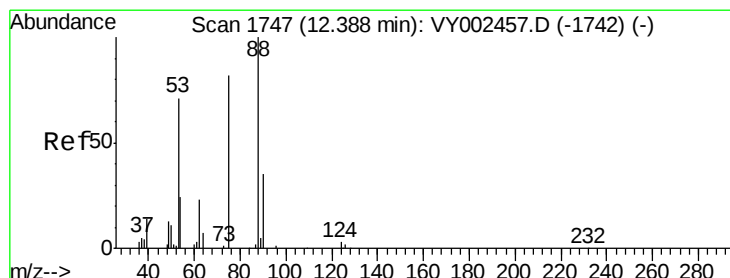
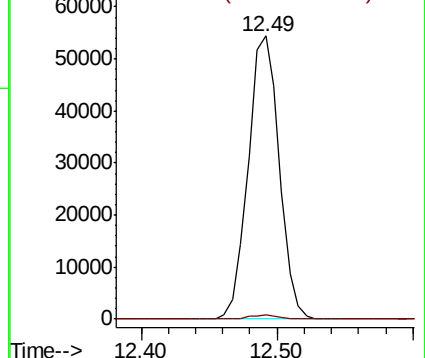
75 100

77 1.5 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: 93.654 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002467.D

Acq: 23 Apr 2020 18:09

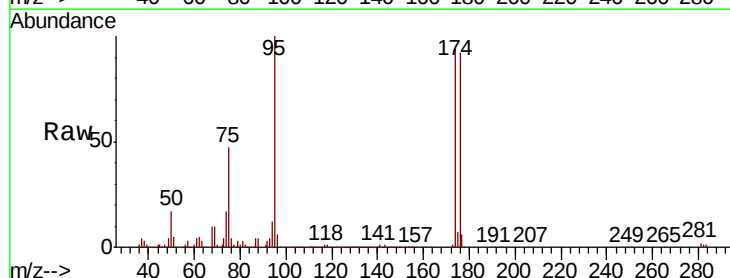
Tgt Ion: 75 Resp: 87103

Ion Ratio Lower Upper

75 100

53 0.0 70.0 105.0#

89 0.1 34.9 52.3#



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

