

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
 Data File : VY002481.D
 Acq On : 24 Apr 2020 14:46
 Operator : SY/MD
 Sample : L2357-01RE
 Misc : 6.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 25 05:53:13 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

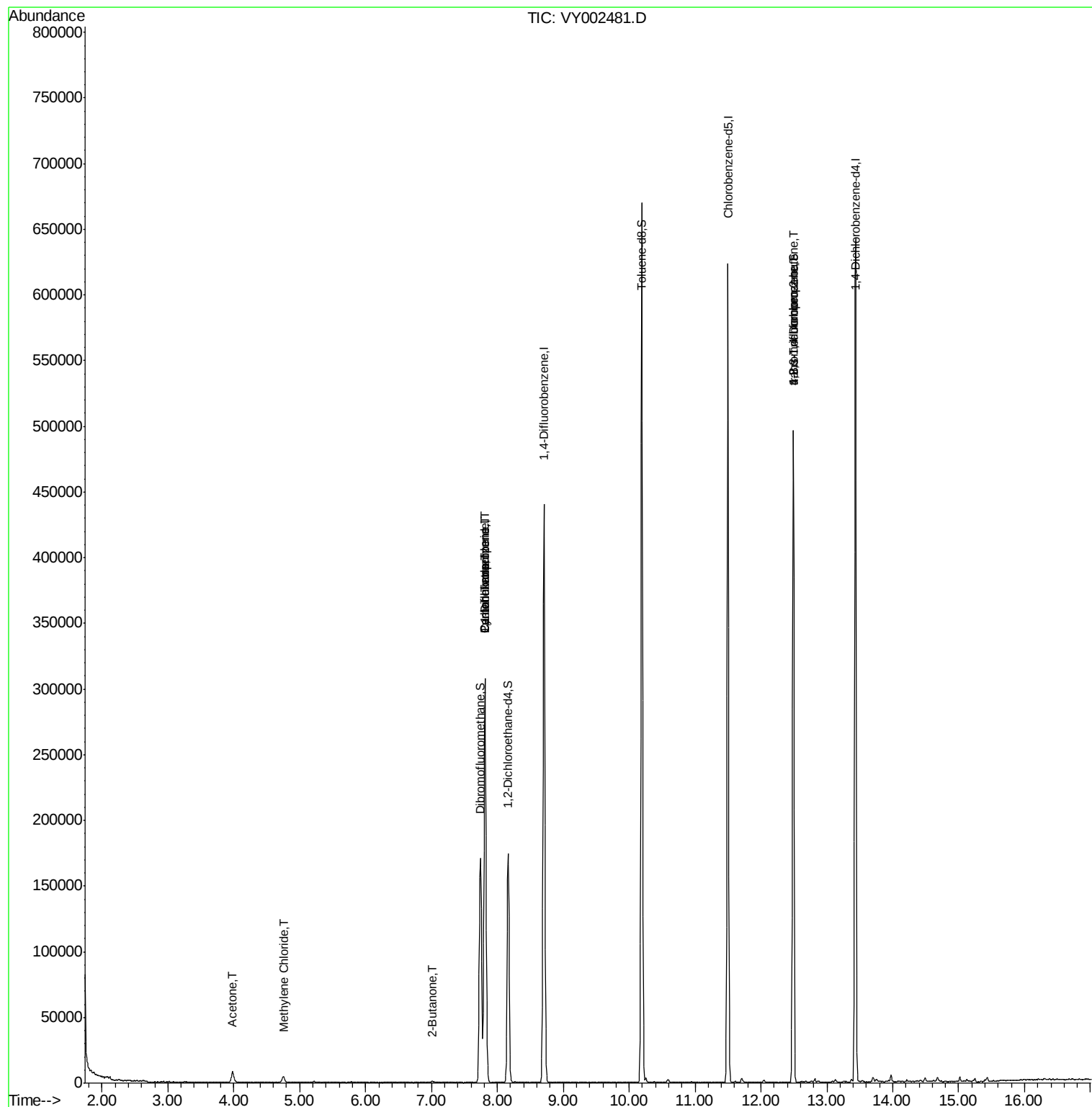
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	258341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	394426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	352962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	174880	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	137692	60.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.96%	
35) Dibromofluoromethane	7.74	113	119867	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
50) Toluene-d8	10.19	98	463280	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.49	95	146560	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
Target Compounds						
					Qvalue	
16) Acetone	3.98	43	14156	29.999	ug/l	99
20) Methylene Chloride	4.75	84	3525	1.308	ug/l #	80
25) 2-Butanone	7.02	43	985	1.363	ug/l #	44
31) Cyclohexane	7.81	56	4155	1.068	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	15897	4.700	ug/l #	50
38) Carbon Tetrachloride	7.81	117	22949	5.901	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	73340	49.480	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	73340	91.562	ug/l #	15

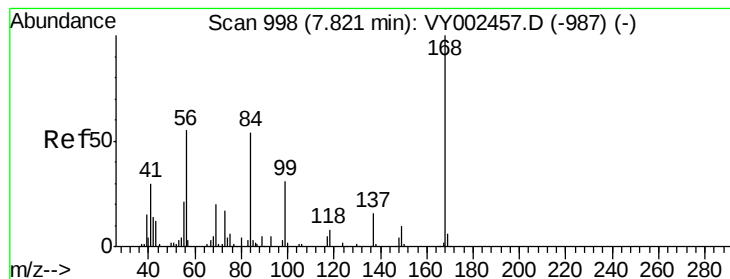
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY002481.D

Acq: 24 Apr 2020 14:46

Instrument :

MSVOA_Y

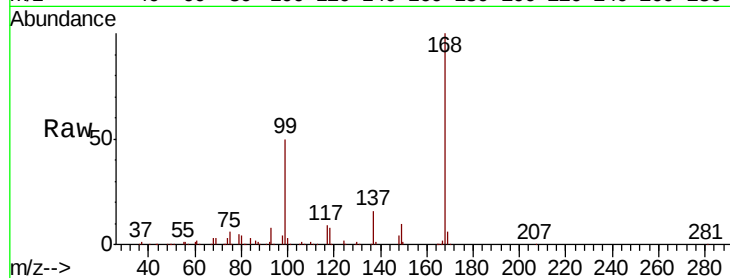
ClientSampleId :

Tot Ion:168 Resp: 258341

Ion Ratio Lower Upper

168 100

99 49.6 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) (-)

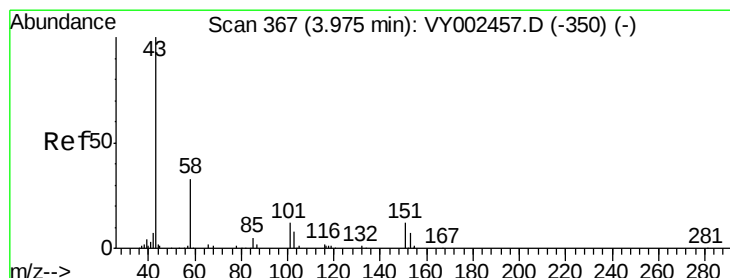
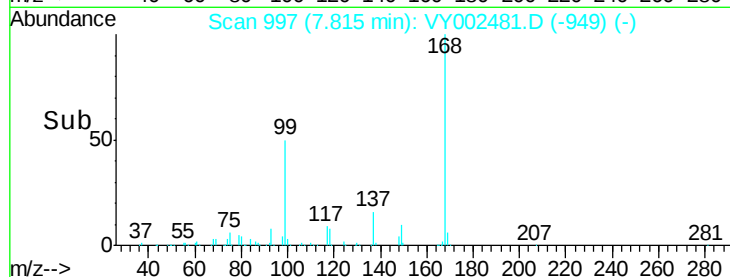
7.82

100000

50000

0

Time-->



#16

Acetone

Concen: 29.999 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002481.D

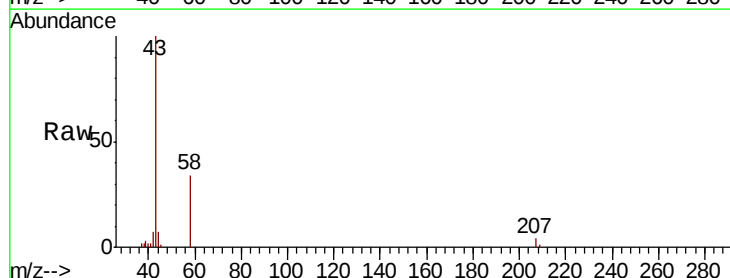
Acq: 24 Apr 2020 14:46

Tgt Ion: 43 Resp: 14156

Ion Ratio Lower Upper

43 100

58 33.8 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) (-)

3.98

6000

5000

4000

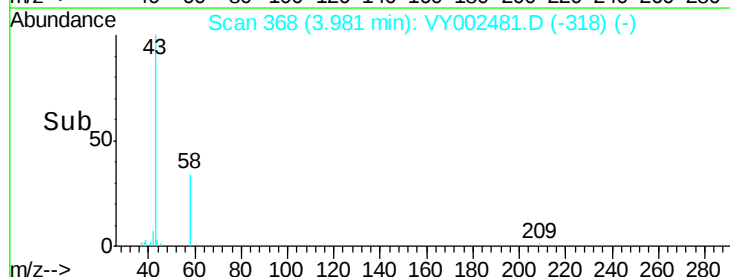
3000

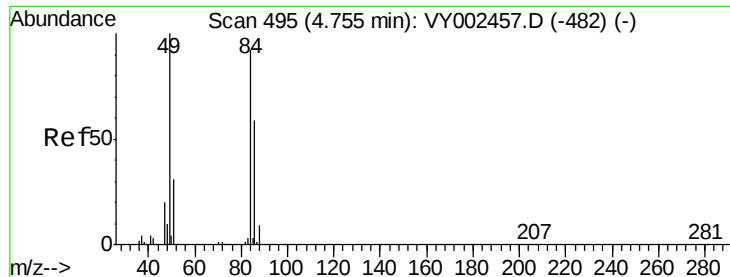
2000

1000

0

Time-->

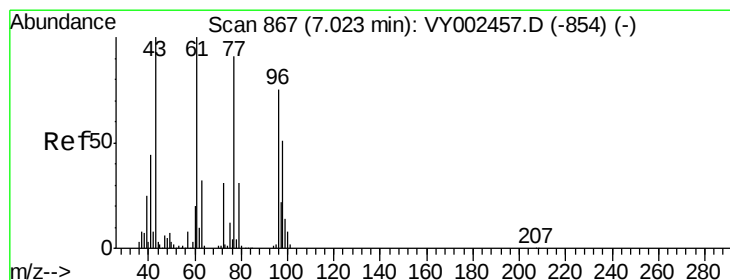
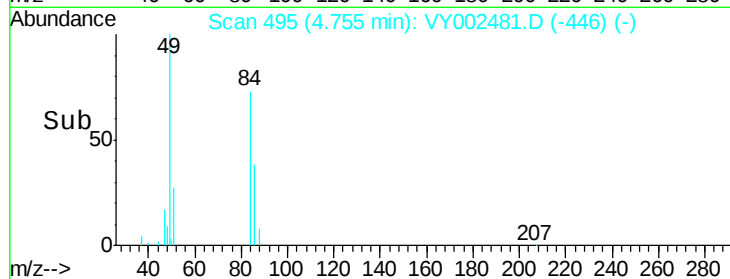
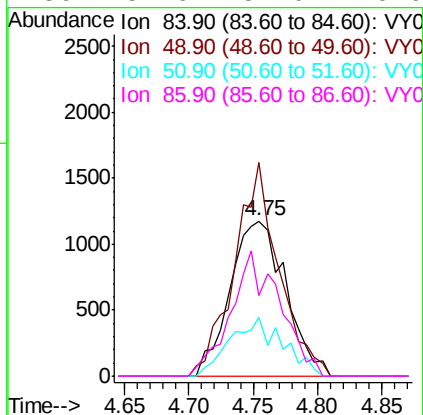
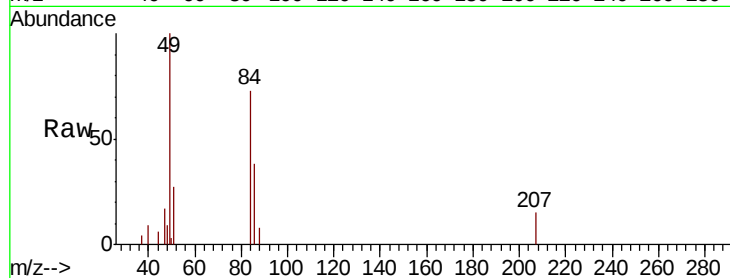




#20
Methvlene Chloride
Concen: 1.308 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.00 min
Lab File: VY002481.D
Acq: 24 Apr 2020 14:46

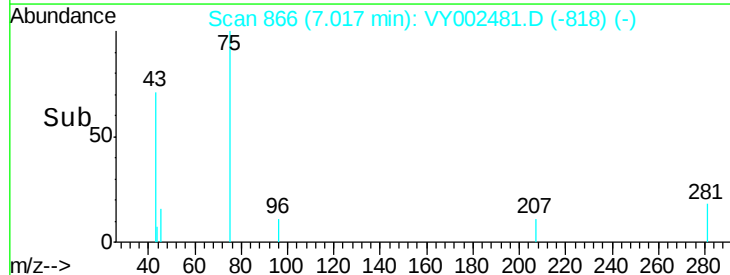
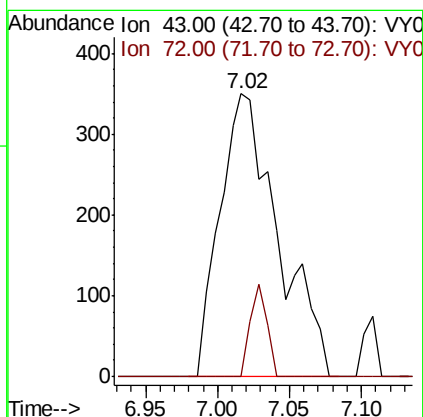
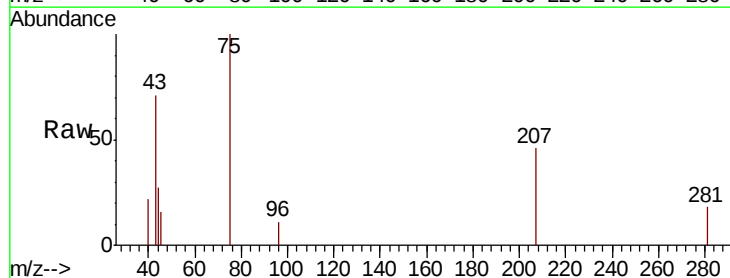
Instrument :
MSVOA_Y
ClientSampled :

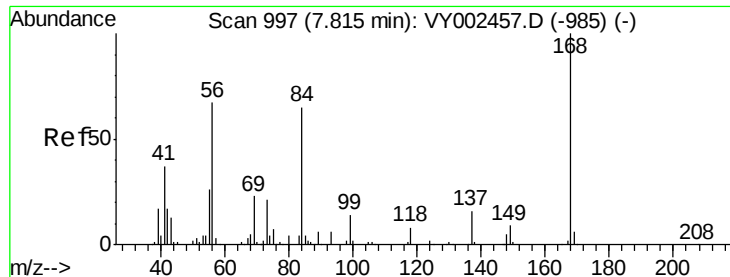
Tot Ion: 84 Resp: 3525
Ion Ratio Lower Upper
84 100
49 137.4 86.9 130.3#
51 37.5 27.3 40.9
86 51.6 51.0 76.6



#25
2-Butanone
Concen: 1.363 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY002481.D
Acq: 24 Apr 2020 14:46

Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
72 0.0 24.8 37.2#

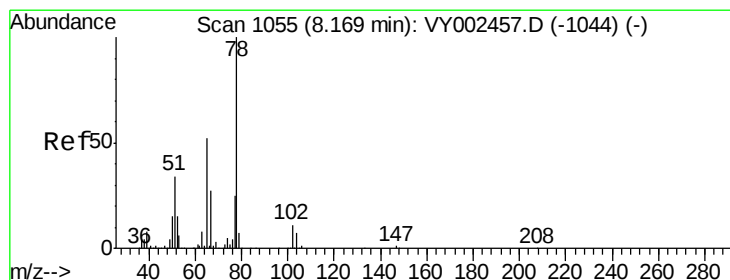
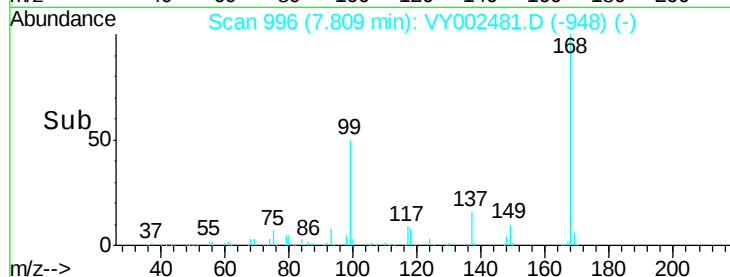
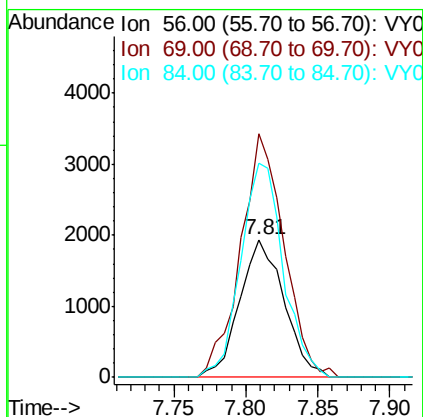
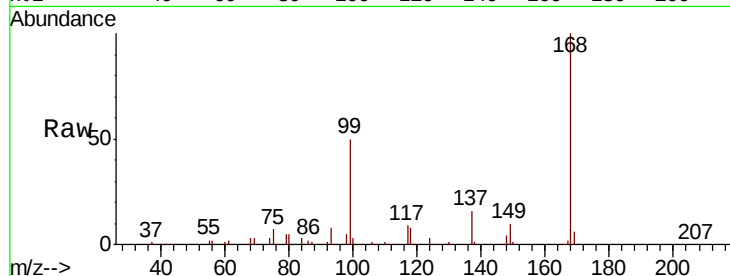




#31
Cyclohexane
Concen: 1.068 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY002481.D
Acq: 24 Apr 2020 14:46

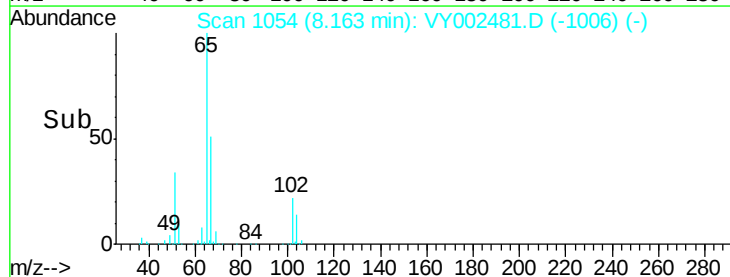
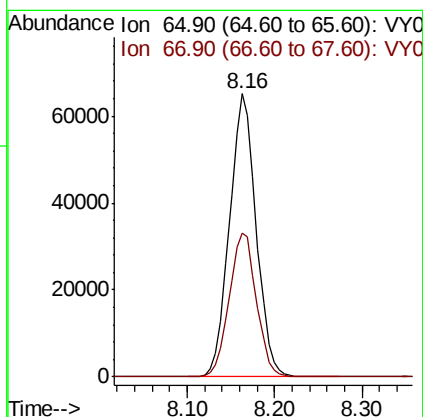
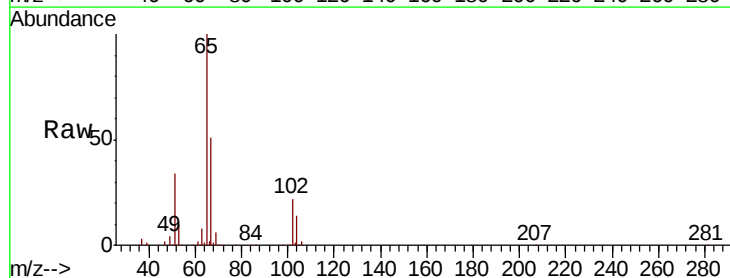
Instrument :
MSVOA_Y
ClientSampled :

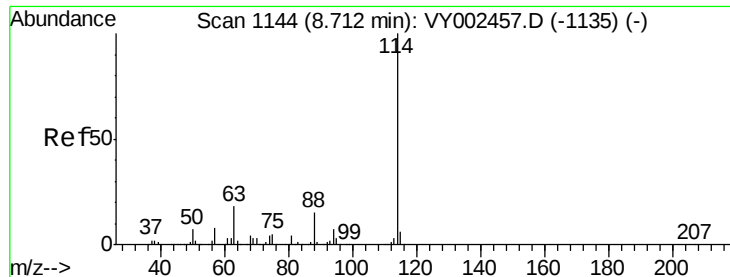
Tot Ion: 56 Resp: 4155
Ion Ratio Lower Upper
56 100
69 177.1 27.0 40.6#
84 155.9 77.4 116.2#



#33
1,2-Dichloroethane-d4
Concen: 60.980 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002481.D
Acq: 24 Apr 2020 14:46

Tgt Ion: 65 Resp: 137692
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.2

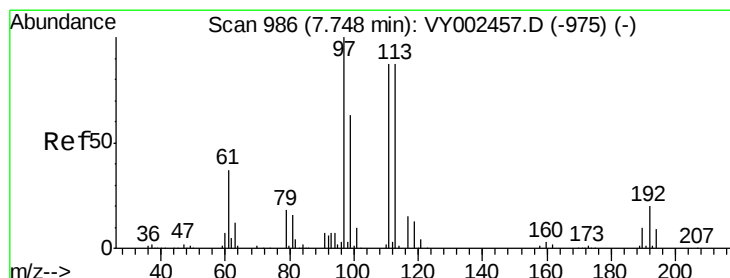
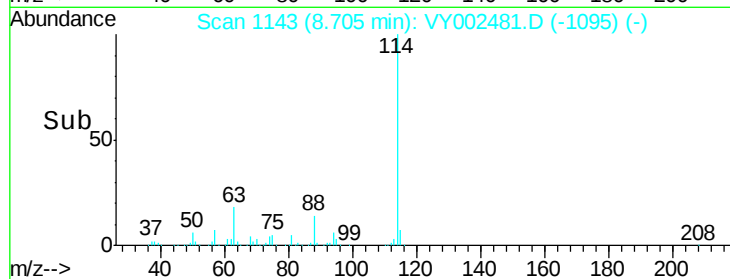
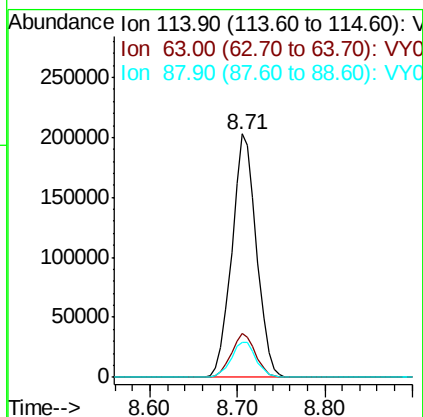
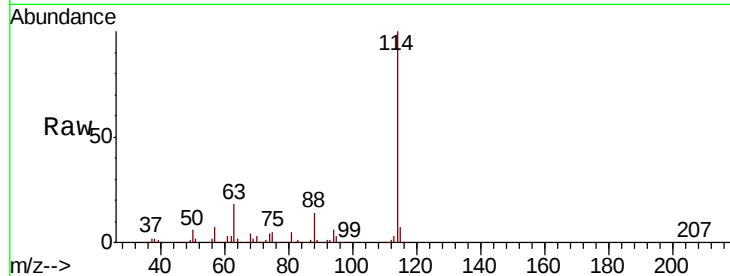




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002481.D
 Acq: 24 Apr 2020 14:46

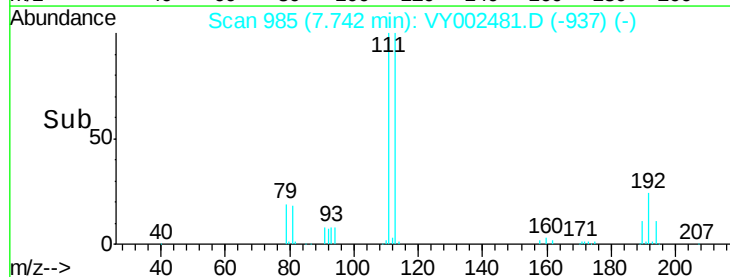
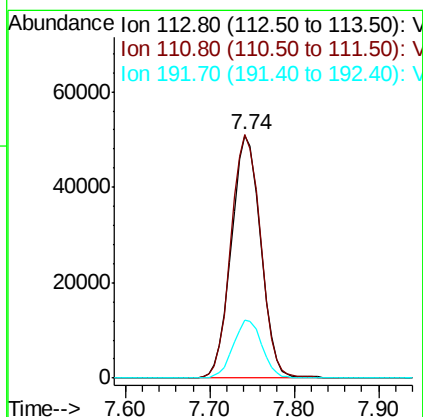
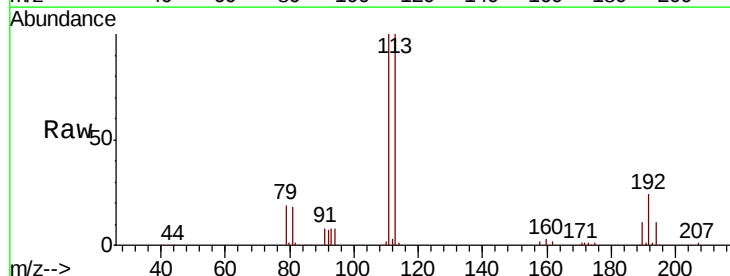
Instrument :
 MSVOA_Y
 ClientSampled :

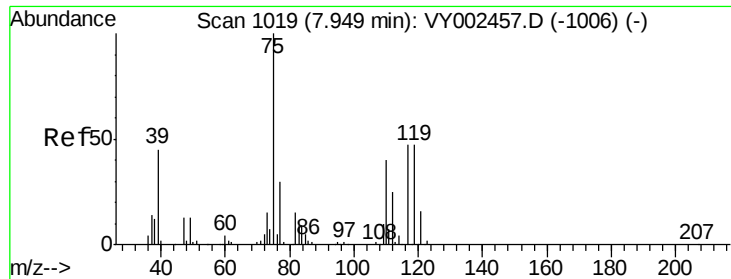
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.6
88	14.2	0.0	29.4



#35
 Dibromofluoromethane
 Concen: 53.878 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY002481.D
 Acq: 24 Apr 2020 14:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.0	121.4
192	23.5	18.6	27.8

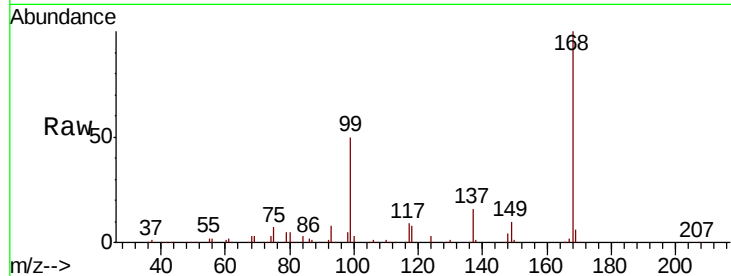




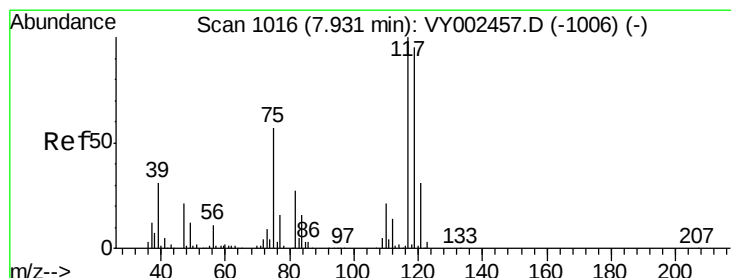
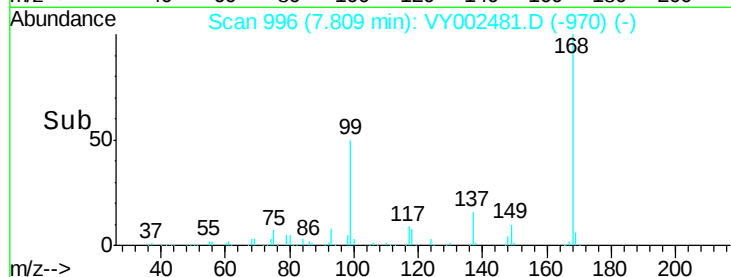
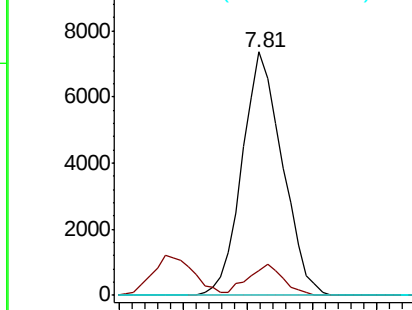
#36
 1,1-Dichloropropene
 Concen: 4.700 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.14 min
 Lab File: VY002481.D
 Acq: 24 Apr 2020 14:46

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	75	Resp	15897
Ion Ratio	100	Lower	Upper
75	100		
110	11.1	19.4	58.4#
77	0.0	24.7	37.1#

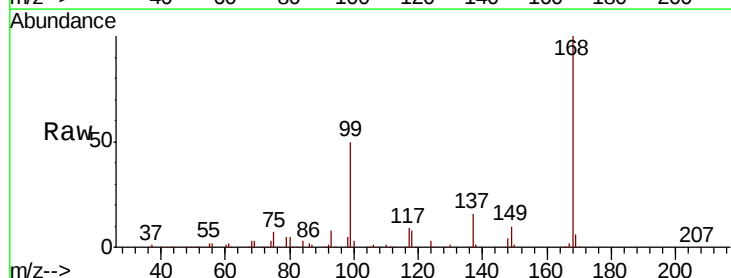


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

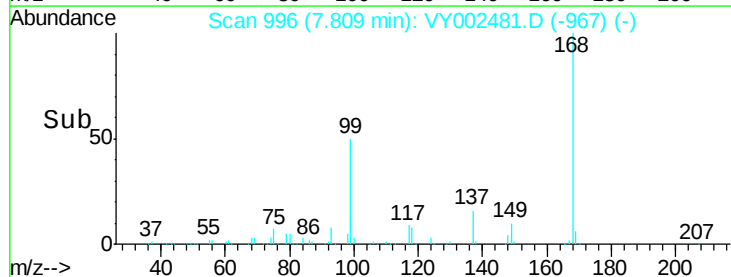
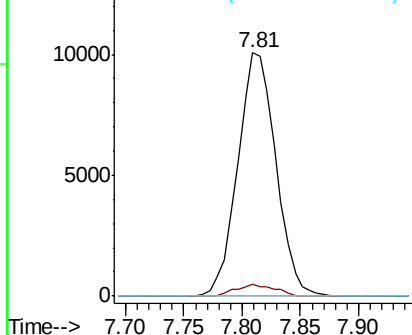


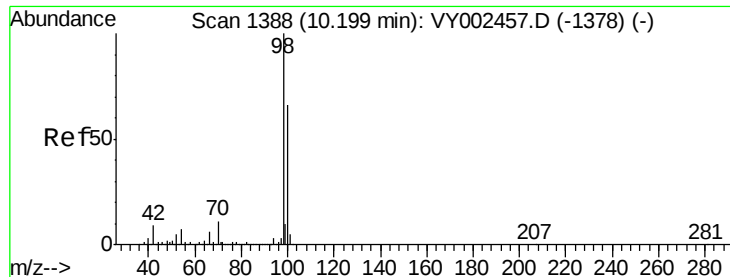
#38
 Carbon Tetrachloride
 Concen: 5.901 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002481.D
 Acq: 24 Apr 2020 14:46

Tgt Ion	117	Resp	22949
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.9	75.9	113.9#
121	0.0	24.5	36.7#



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: 51.810 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY002481.D

Acq: 24 Apr 2020 14:46

Instrument :

MSVOA_Y

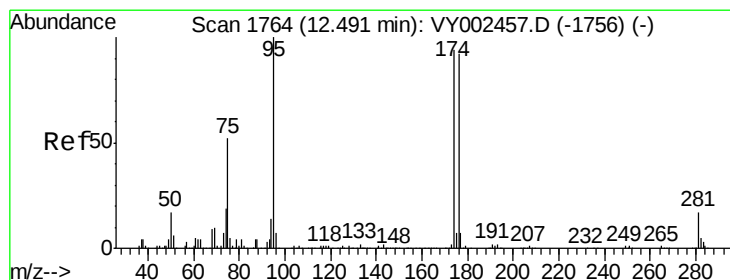
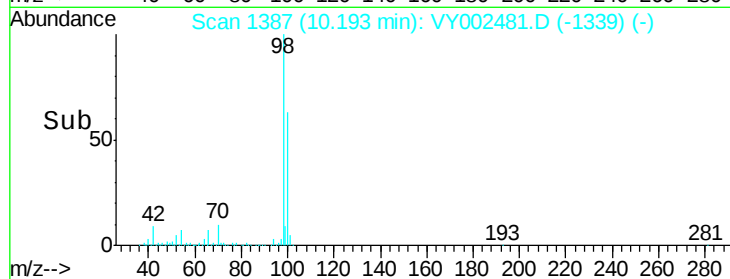
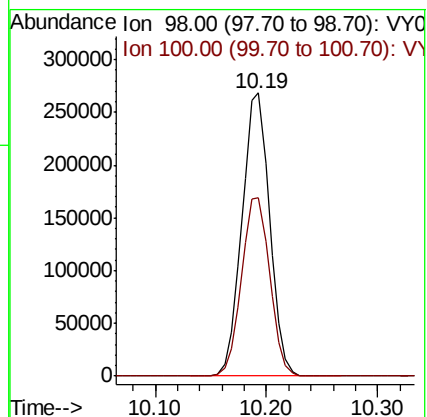
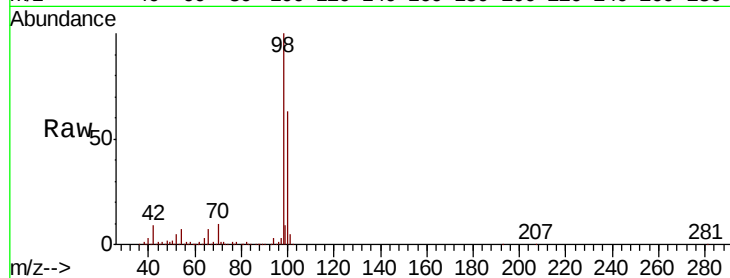
ClientSampleId :

Tot Ion: 98 Resp: 463280

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 48.847 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002481.D

Acq: 24 Apr 2020 14:46

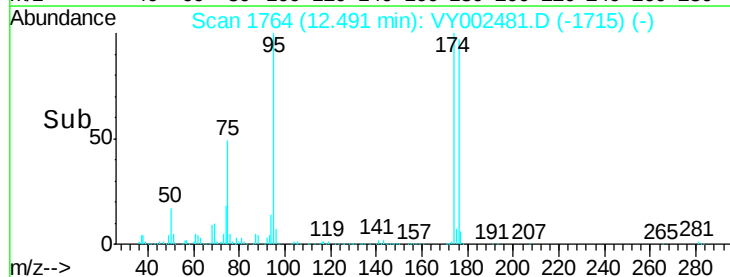
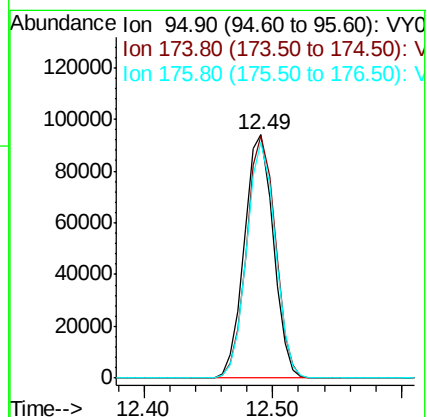
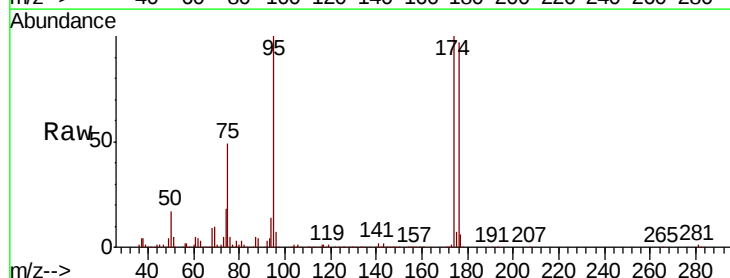
Tgt Ion: 95 Resp: 146560

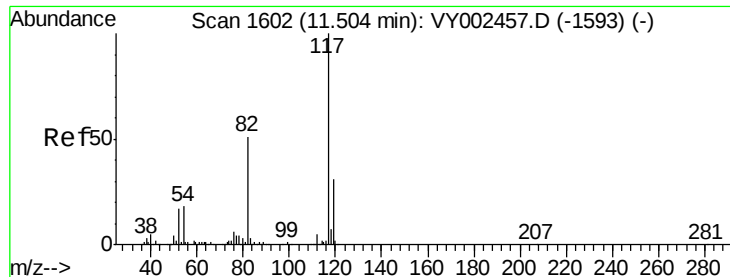
Ion Ratio Lower Upper

95 100

174 98.1 0.0 193.0

176 94.9 0.0 190.4

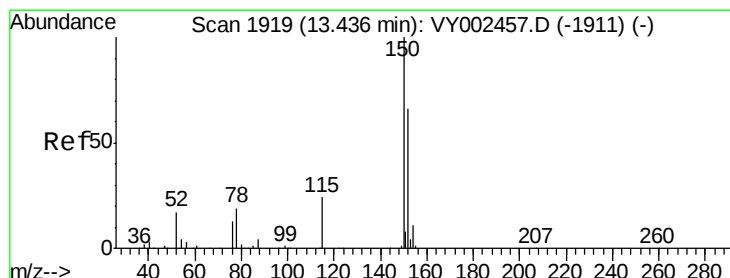
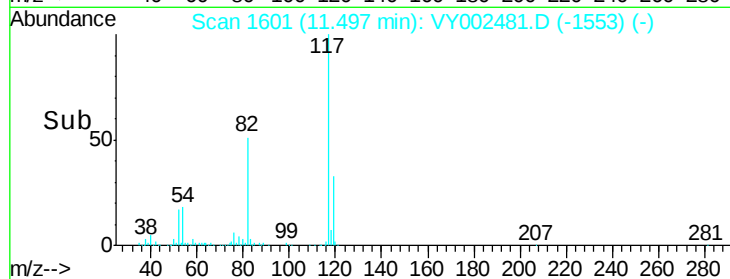
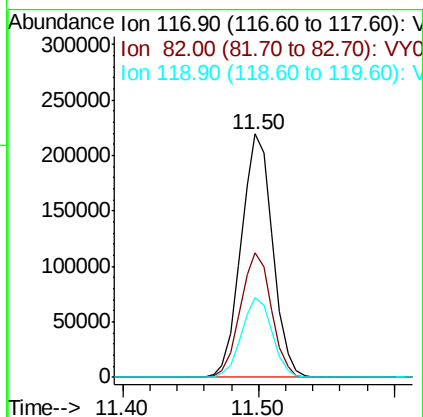
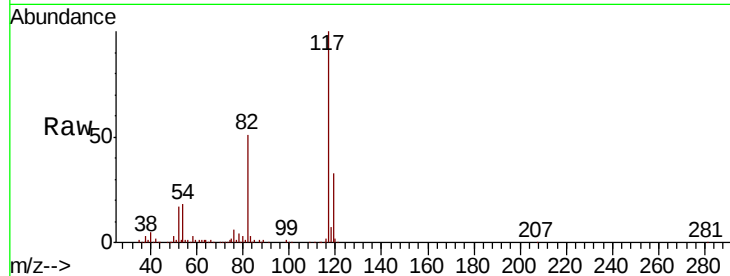




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002481.D
Acq: 24 Apr 2020 14:46

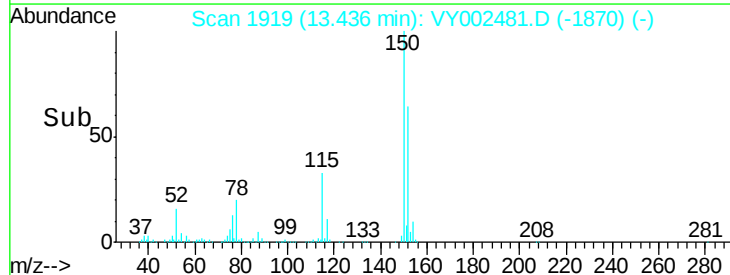
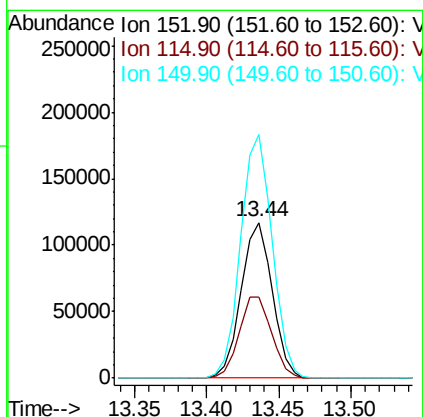
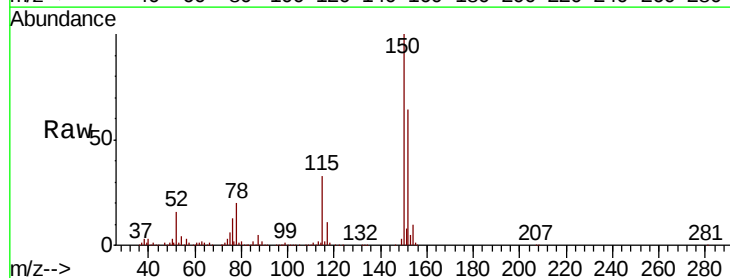
Instrument :
MSVOA_Y
ClientSampleId :

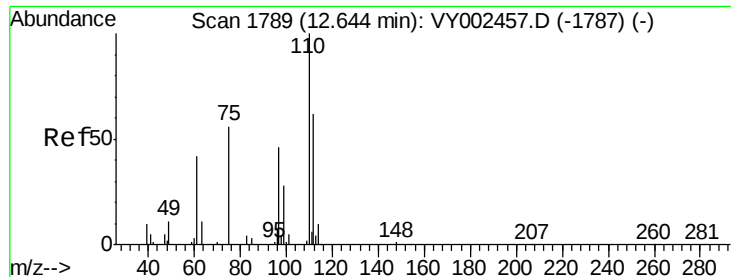
Tot Ion:117 Resp: 352962
Ion Ratio Lower Upper
117 100
82 51.2 40.8 61.2
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002481.D
Acq: 24 Apr 2020 14:46

Tgt Ion:152 Resp: 174880
Ion Ratio Lower Upper
152 100
115 54.6 27.3 81.8
150 158.9 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 49.480 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002481.D

Acq: 24 Apr 2020 14:46

Instrument :

MSVOA_Y

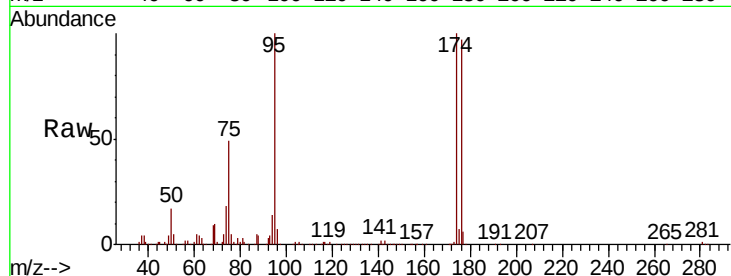
ClientSampled :

Tot Ion: 75 Resp: 73340

Ion Ratio Lower Upper

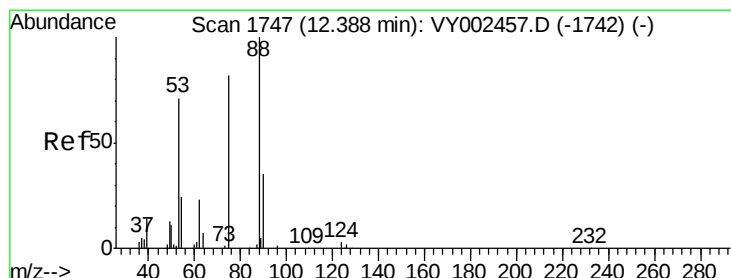
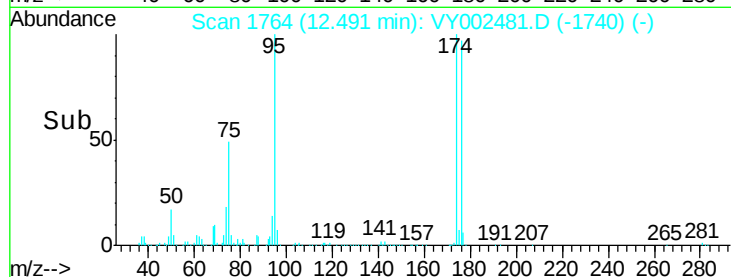
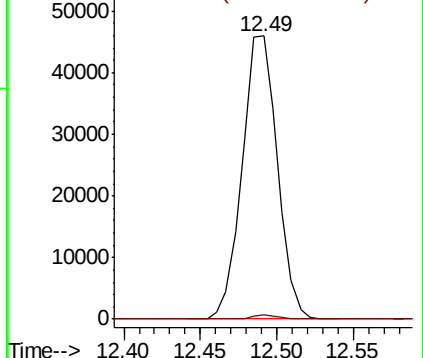
75 100

77 1.2 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: 91.562 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002481.D

Acq: 24 Apr 2020 14:46

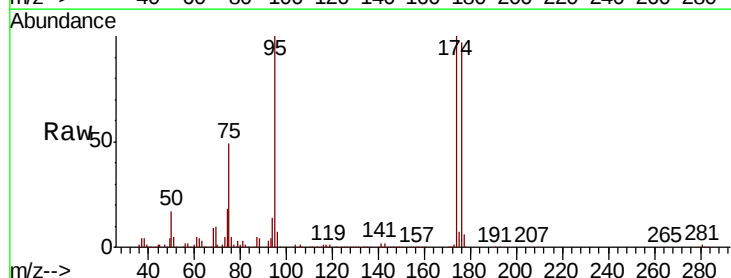
Tgt Ion: 75 Resp: 73340

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

