

Data File : VY002506.D
Acq On : 29 Apr 2020 14:51
Operator : SY/MD
Sample : L2445-02
Misc : 6.77G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EOD-PROJECT-EAST

Quant Time: Apr 30 04:17:27 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	115020	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	166323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	167238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	143283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	68548	68.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.38%	
35) Dibromofluoromethane	7.74	113	49780	53.06	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.12%	
50) Toluene-d8	10.19	98	199680	52.96	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.49	95	119383	94.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	188.72%	

Target Compounds

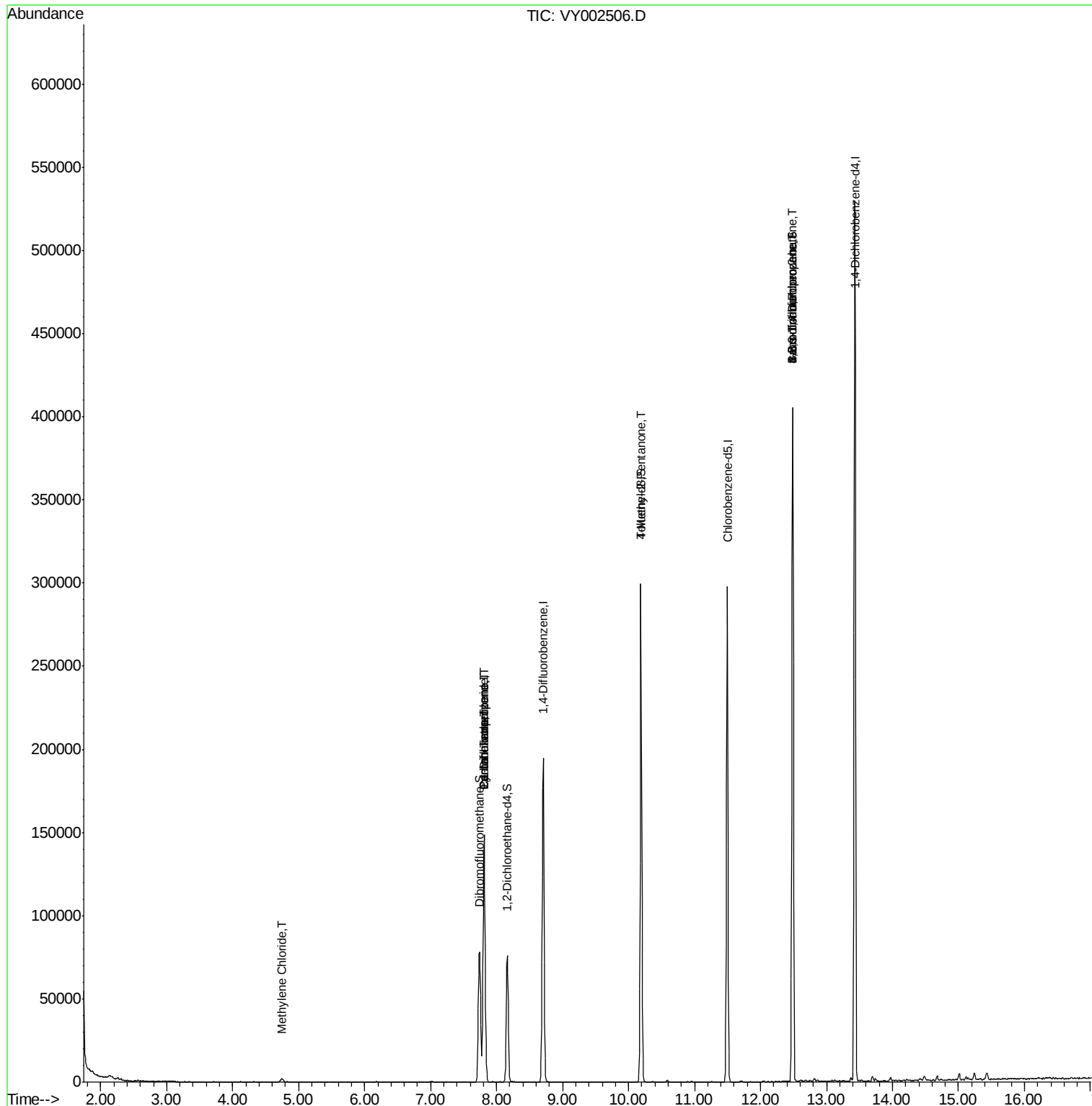
						Qvalue
20) Methylene Chloride	4.75	84	1709	1.425	ug/l #	70
31) Cyclohexane	7.82	56	2149	1.241	ug/l #	5
36) 1,1-Dichloropropene	7.81	75	7289	5.111	ug/l #	51
38) Carbon Tetrachloride	7.81	117	12374	7.545	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	761	1.093	ug/l #	1
71) Bromoform	12.49	173	1037	1.361	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	62406	51.388	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	62406	95.093	ug/l #	15

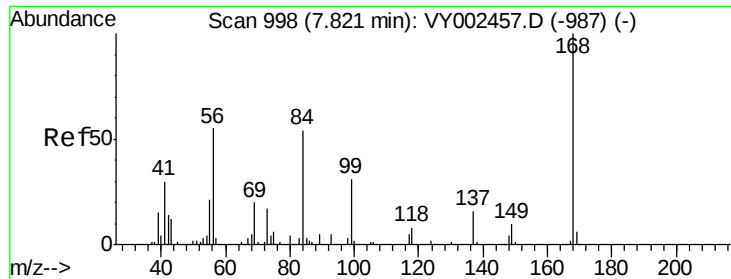
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

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MSVOA_Y

ClientSampleId :

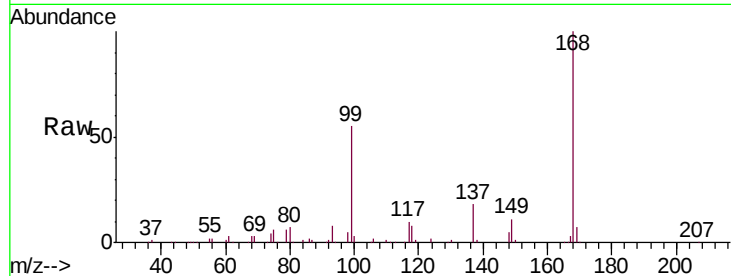
EOD-PROJECT-EAST

Tgt Ion:168 Resp: 115020

Ion Ratio Lower Upper

168 100

99 54.9 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

60000

50000

40000

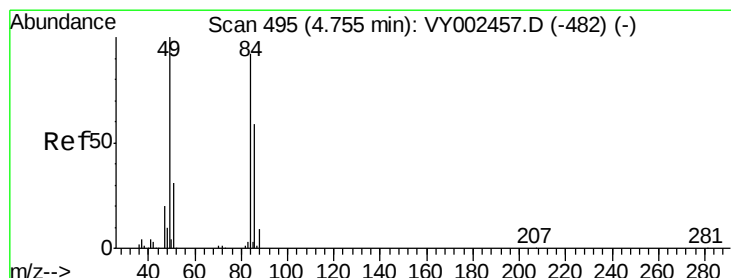
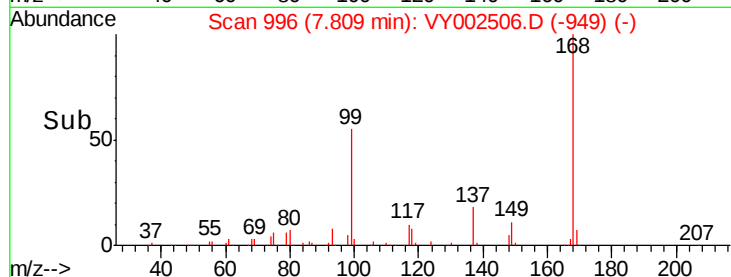
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: 1.425 ug/l

RT: 4.75 min Scan# 494

Delta R.T. -0.01 min

Lab File: VY002506.D

Acq: 29 Apr 2020 14:51

Tgt Ion: 84 Resp: 1709

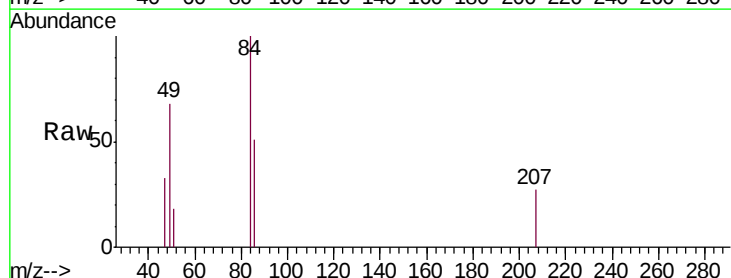
Ion Ratio Lower Upper

84 100

49 67.8 86.9 130.3#

51 18.3 27.3 40.9#

86 50.9 51.0 76.6#



Abundance Ion 83.90 (83.60 to 84.60): VY002457.D (-482) (-)

Ion 48.90 (48.60 to 49.60): VY002457.D (-482) (-)

Ion 50.90 (50.60 to 51.60): VY002457.D (-482) (-)

Ion 85.90 (85.60 to 86.60): VY002457.D (-482) (-)

4.75

1000

800

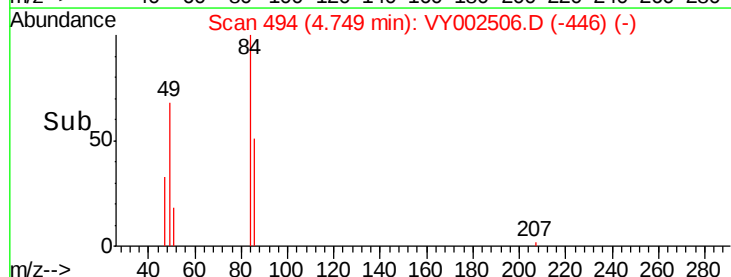
600

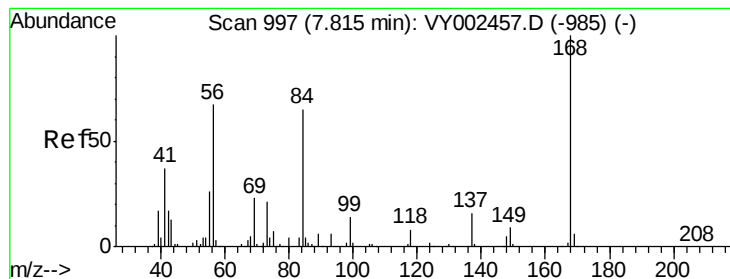
400

200

0

Time-->





#31

Cyclohexane

Concen: 1.241 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

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MSVOA_Y

ClientSampleId :

EOD-PROJECT-EAST

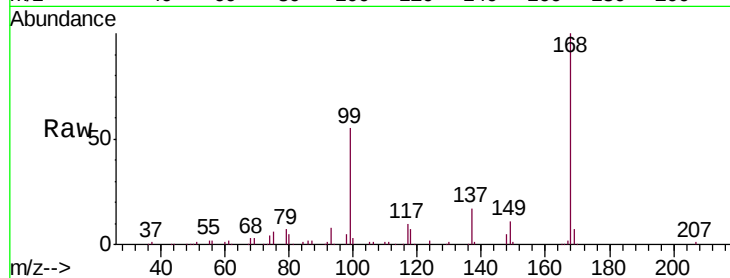
Tgt Ion: 56 Resp: 2149

Ion Ratio Lower Upper

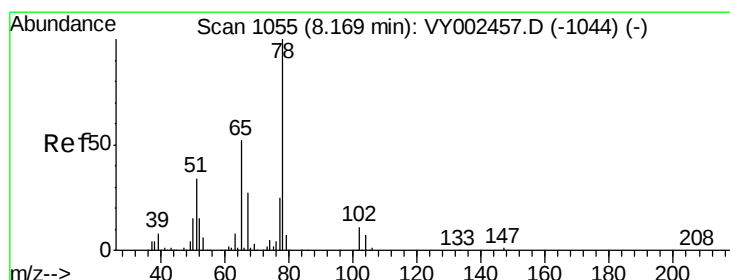
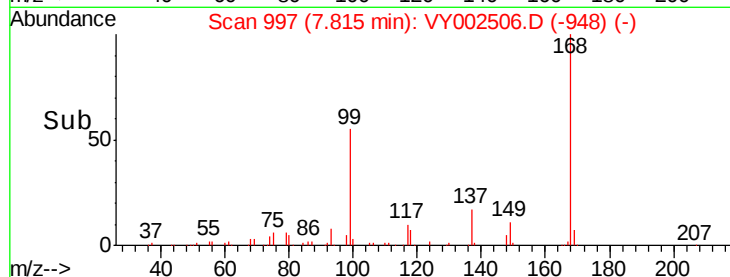
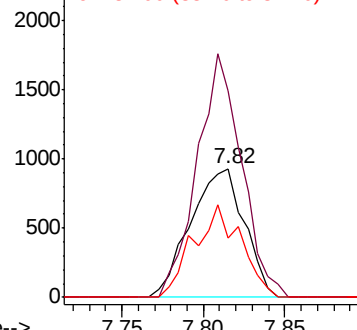
56 100

69 160.5 27.0 40.6#

84 46.3 77.4 116.2#



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: 68.186 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002506.D

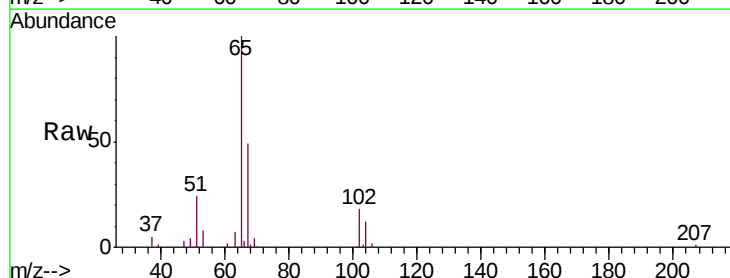
Acq: 29 Apr 2020 14:51

Tgt Ion: 65 Resp: 68548

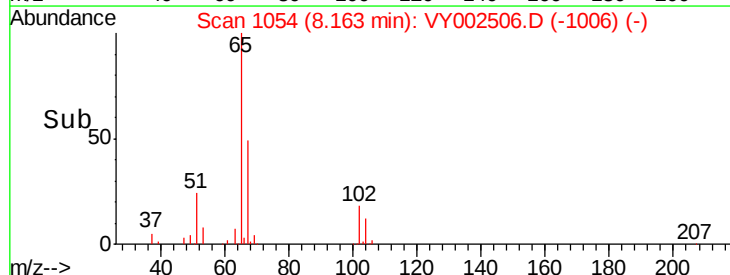
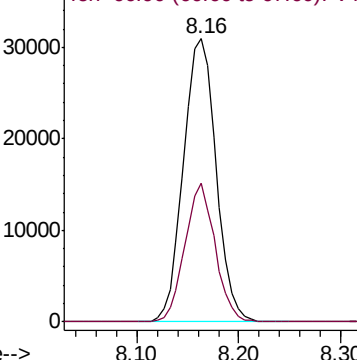
Ion Ratio Lower Upper

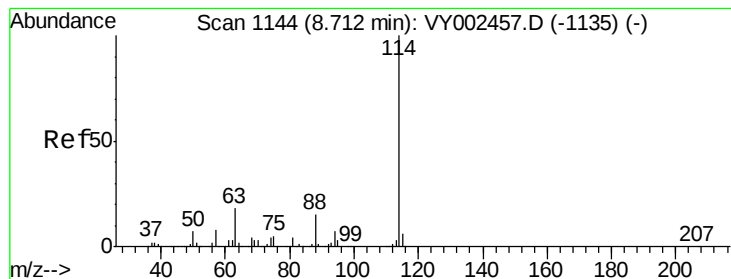
65 100

67 45.2 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: VY002506.D

Acq: 29 Apr 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

EOD-PROJECT-EAST

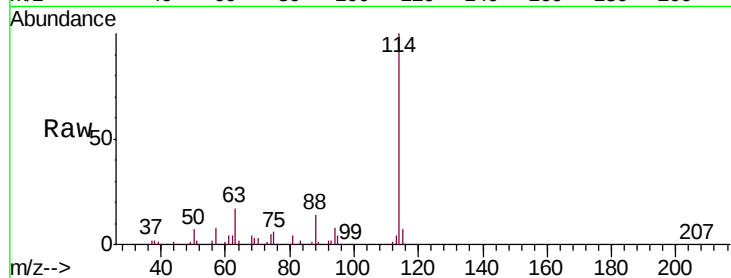
Tgt Ion:114 Resp: 166323

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.6

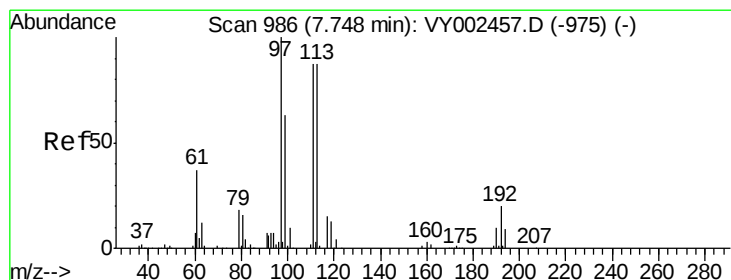
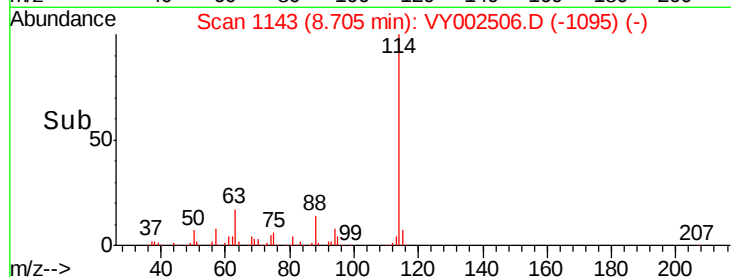
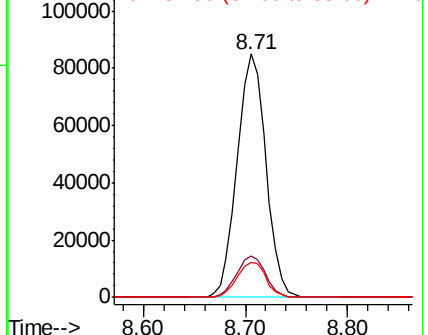
88 14.4 0.0 29.4



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: 53.062 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002506.D

Acq: 29 Apr 2020 14:51

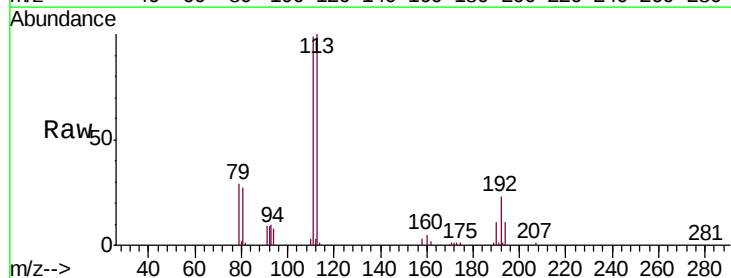
Tgt Ion:113 Resp: 49780

Ion Ratio Lower Upper

113 100

111 102.9 81.0 121.4

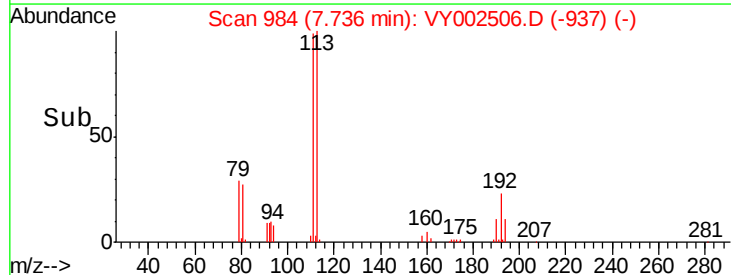
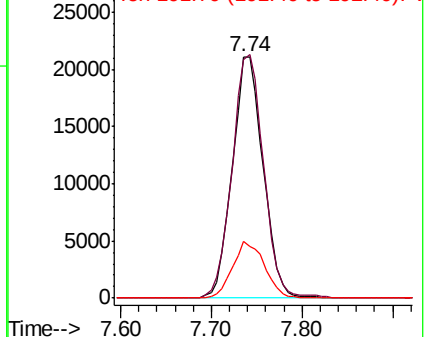
192 24.1 18.6 27.8

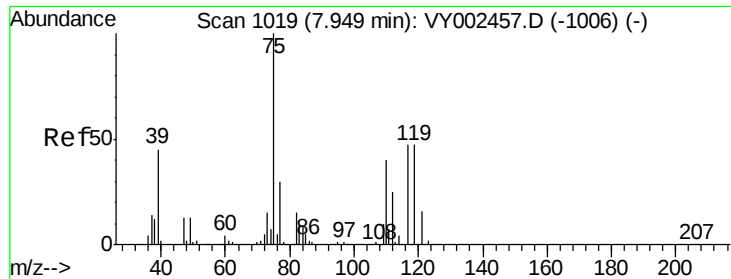


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

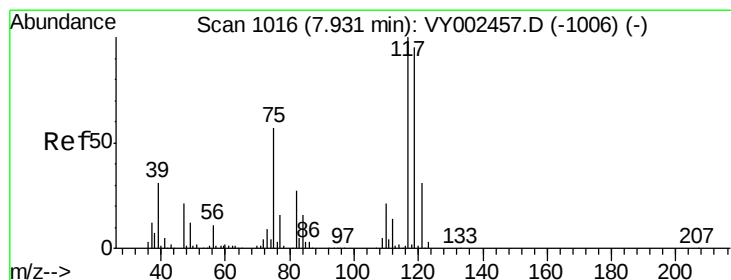
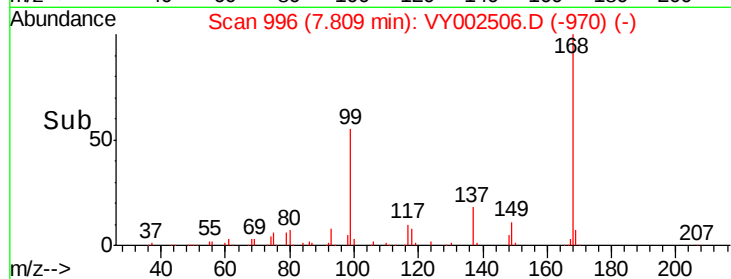
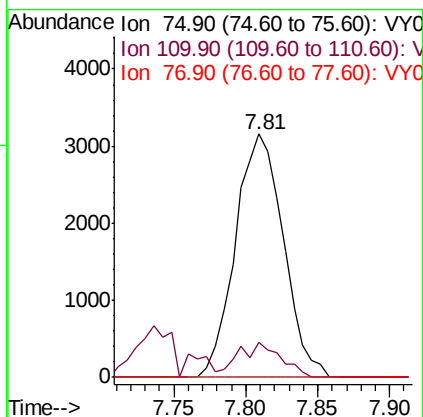
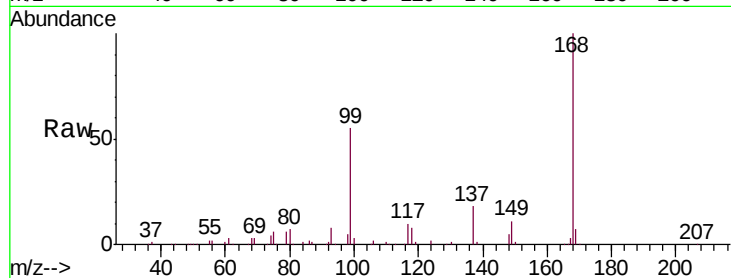




#36
 1,1-Dichloropropene
 Concen: 5.111 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.14 min
 Lab File: VY002506.D
 Acq: 29 Apr 2020 14:51

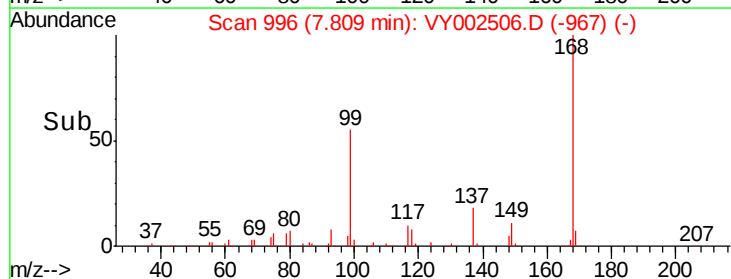
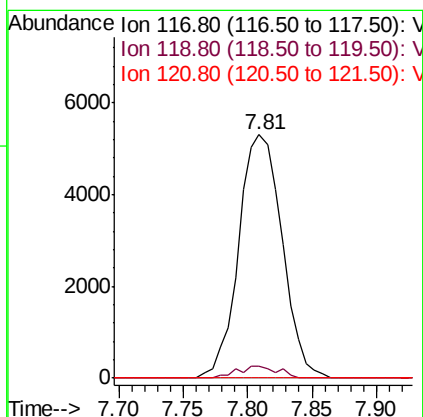
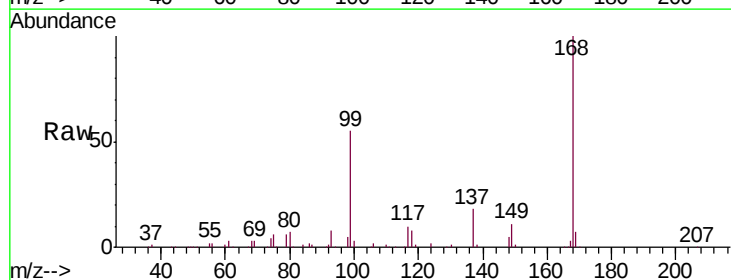
Instrument :
 MSVOA_Y
 ClientSampleId :
 EOD-PROJECT-EAST

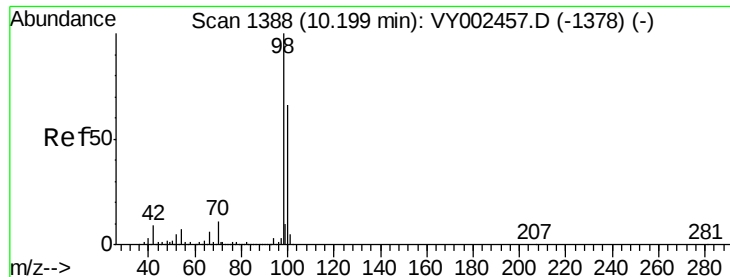
Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.8	19.4	58.4#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 7.545 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002506.D
 Acq: 29 Apr 2020 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.9	113.9#
121	0.0	24.5	36.7#

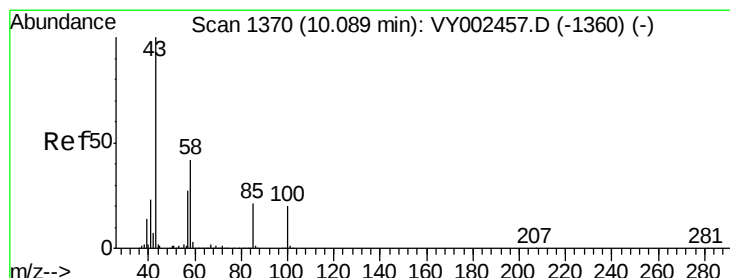
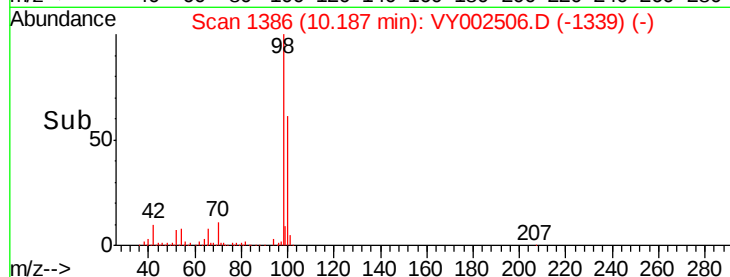
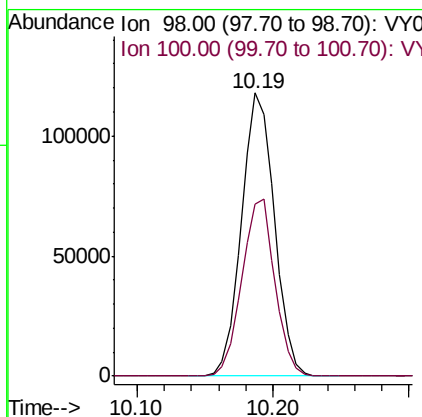
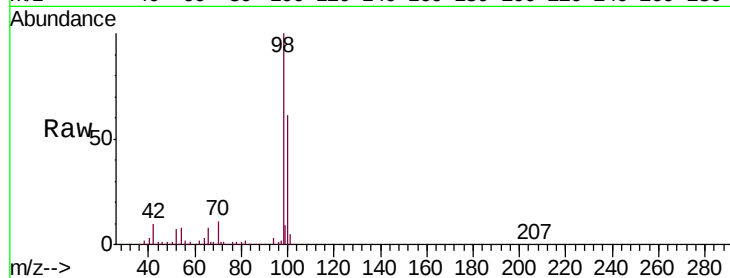




#50
Toluene-d8
Concen: 52.957 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002506.D
Acq: 29 Apr 2020 14:51

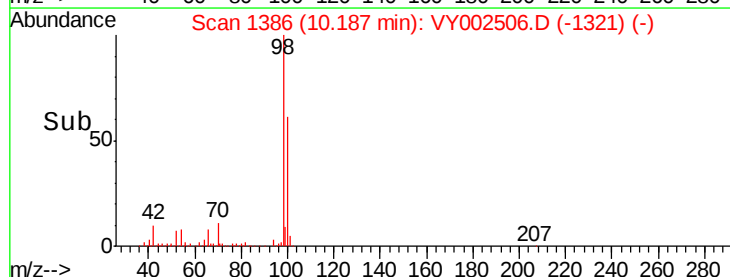
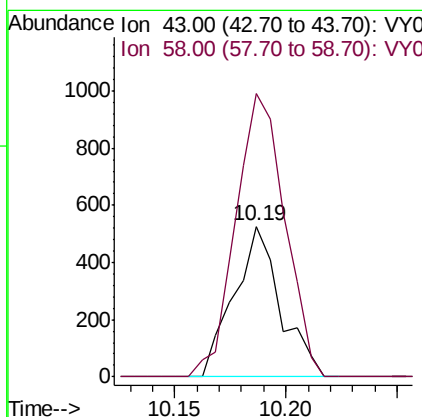
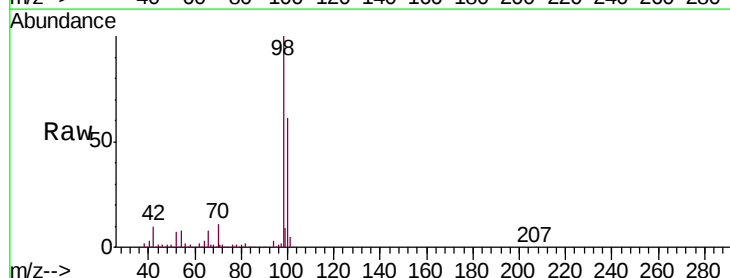
Instrument :
MSVOA_Y
ClientSampleId :
EOD-PROJECT-EAST

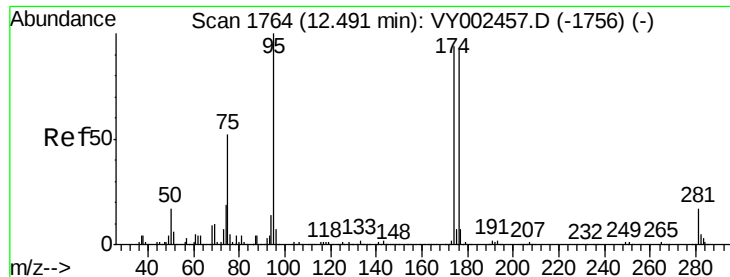
Tgt Ion: 98 Resp: 199680
Ion Ratio Lower Upper
98 100
100 62.7 51.1 76.7



#51
4-Methyl-2-Pentanone
Concen: 1.093 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.10 min
Lab File: VY002506.D
Acq: 29 Apr 2020 14:51

Tgt Ion: 43 Resp: 761
Ion Ratio Lower Upper
43 100
58 200.1 33.2 49.8#





#62

4-Bromofluorobenzene

Concen: 94.358 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002506.D

Acq: 29 Apr 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

EOD-PROJECT-EAST

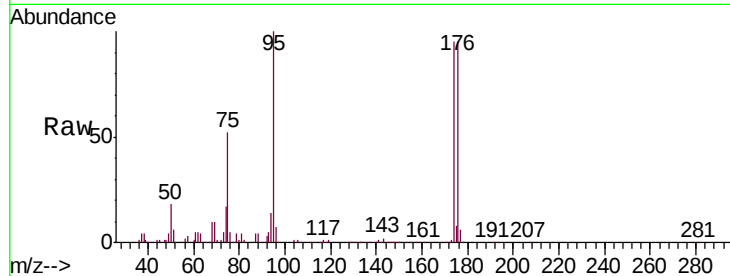
Tgt Ion: 95 Resp: 119383

Ion Ratio Lower Upper

95 100

174 99.5 0.0 193.0

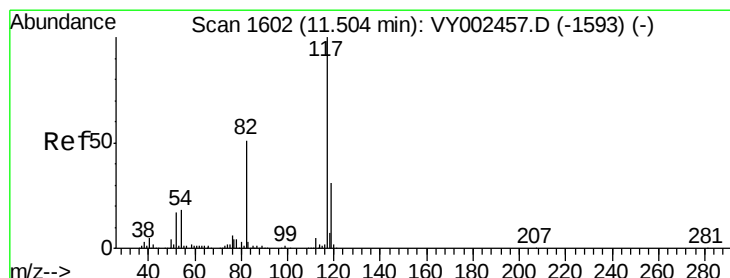
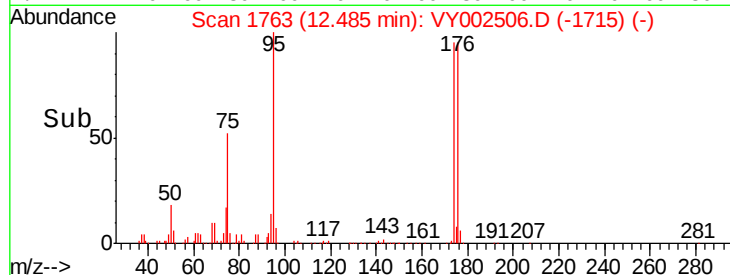
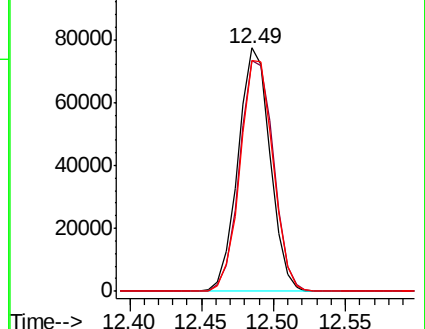
176 97.3 0.0 190.4



Abundance Ion 94.90 (94.60 to 95.60): VY002457.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY002457.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY002457.D (-1756) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: VY002506.D

Acq: 29 Apr 2020 14:51

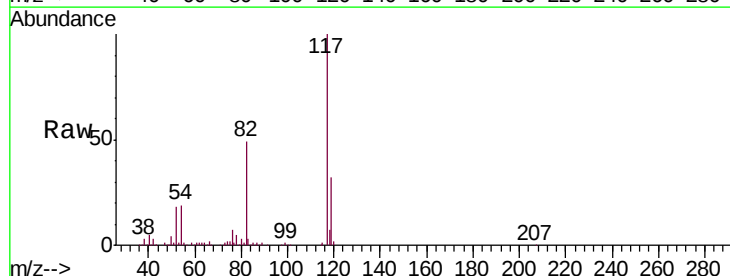
Tgt Ion: 117 Resp: 167238

Ion Ratio Lower Upper

117 100

82 48.9 40.8 61.2

119 32.3 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VY002457.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY002457.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY002457.D (-1593) (-)

