

Data File : VY002507.D
Acq On : 29 Apr 2020 15:13
Operator : SY/MD
Sample : L2445-04
Misc : 7.92G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EOD-PROJECT-WEST

Quant Time: Apr 30 04:17:39 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	241329	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	382221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	340615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	171657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	123729	58.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.32%	
35) Dibromofluoromethane	7.74	113	114349	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	10.19	98	443564	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.49	95	140465	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

Target Compounds

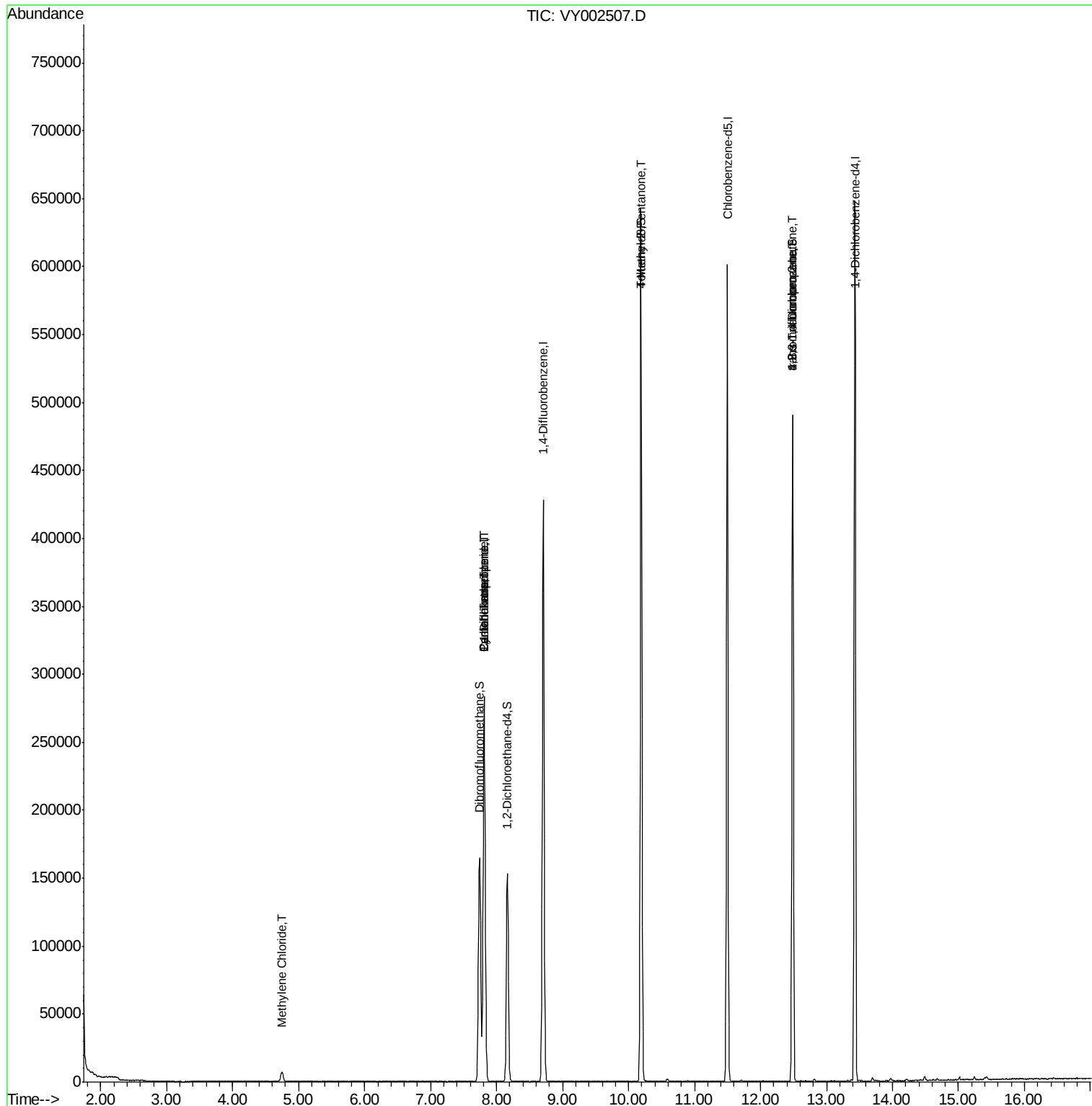
						Qvalue
20) Methylene Chloride	4.75	84	5465	2.171	ug/l	90
31) Cyclohexane	7.80	56	3865	1.064	ug/l #	36
36) 1,1-Dichloropropene	7.81	75	14397	4.393	ug/l #	49
38) Carbon Tetrachloride	7.82	117	23118	6.134	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	1692	1.058	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	71117	48.881	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	71117	90.454	ug/l #	15

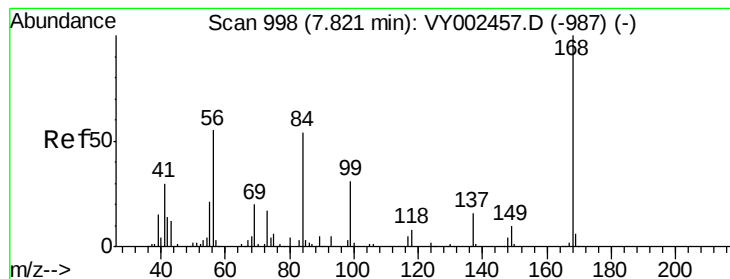
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VY002507.D
Acq On : 29 Apr 2020 15:13
Operator : SY/MD
Sample : L2445-04
Misc : 7.92G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EOD-PROJECT-WEST

Quant Time: Apr 30 04:17:39 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002507.D

Acq: 29 Apr 2020 15:13

Instrument :

MSVOA_Y

ClientSampleId :

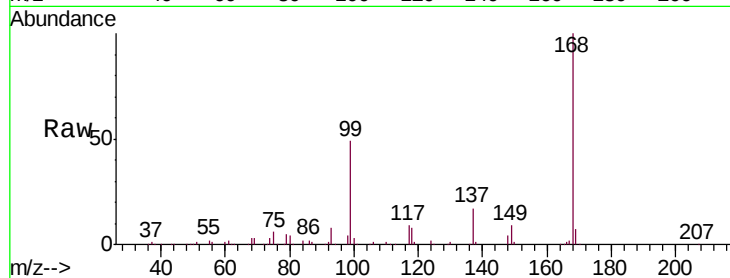
EOD-PROJECT-WEST

Tgt Ion:168 Resp: 241329

Ion Ratio Lower Upper

168 100

99 49.5 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

120000

100000

80000

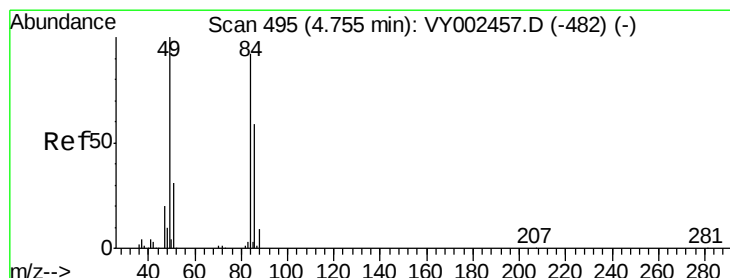
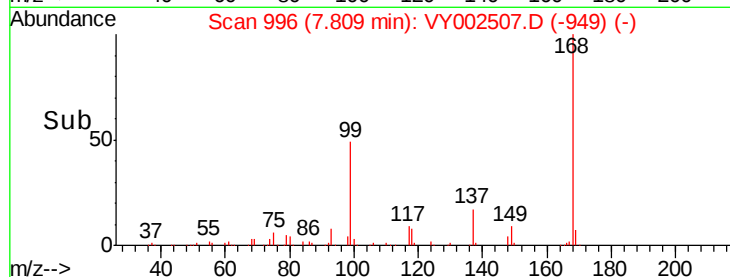
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.171 ug/l

RT: 4.75 min Scan# 494

Delta R.T. -0.01 min

Lab File: VY002507.D

Acq: 29 Apr 2020 15:13

Tgt Ion: 84 Resp: 5465

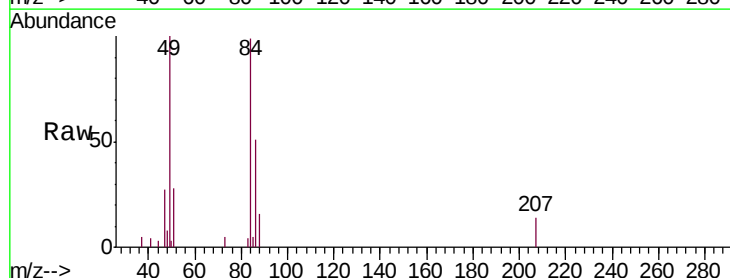
Ion Ratio Lower Upper

84 100

49 101.3 86.9 130.3

51 28.6 27.3 40.9

86 51.7 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

3000

2500

2000

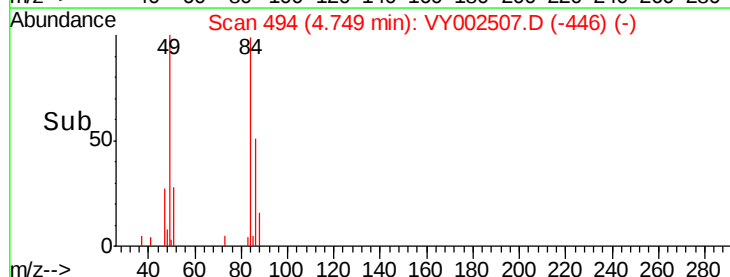
1500

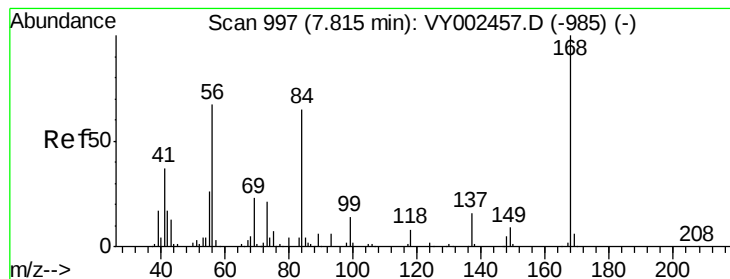
1000

500

0

Time-->





#31

Cyclohexane

Concen: 1.064 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002507.D

Acq: 29 Apr 2020 15:13

Instrument :

MSVOA_Y

ClientSampleId :

EOD-PROJECT-WEST

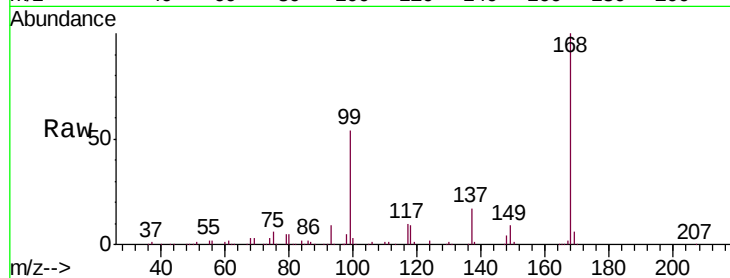
Tgt Ion: 56 Resp: 3865

Ion Ratio Lower Upper

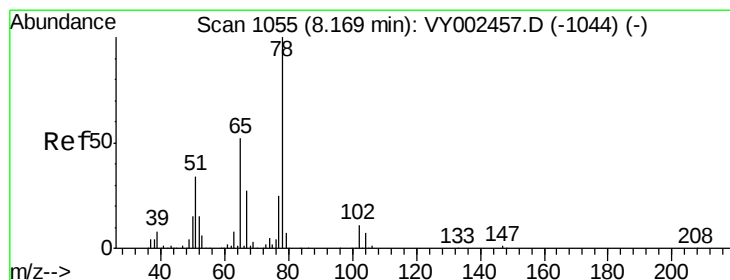
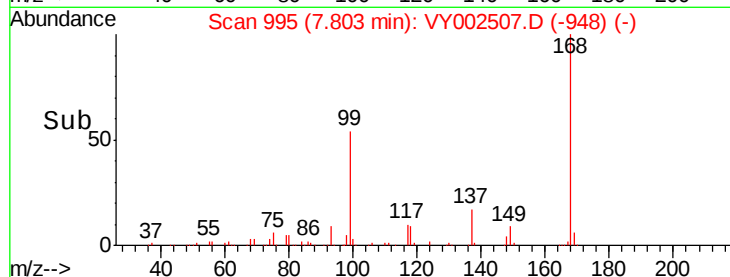
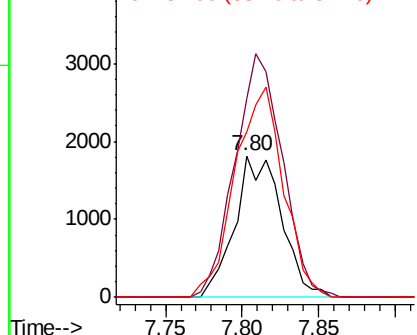
56 100

69 140.5 27.0 40.6#

84 117.3 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: 58.659 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002507.D

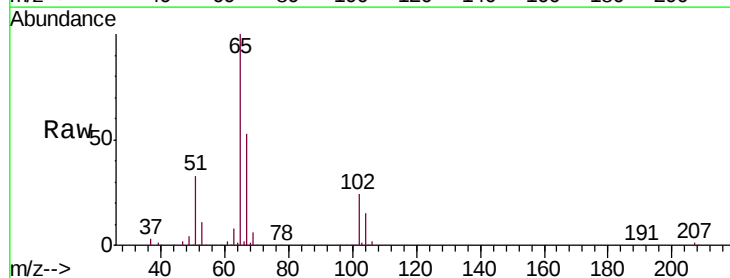
Acq: 29 Apr 2020 15:13

Tgt Ion: 65 Resp: 123729

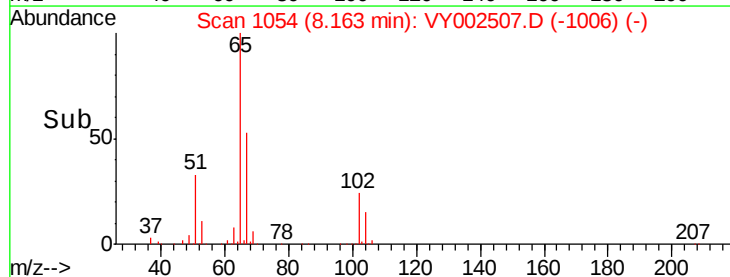
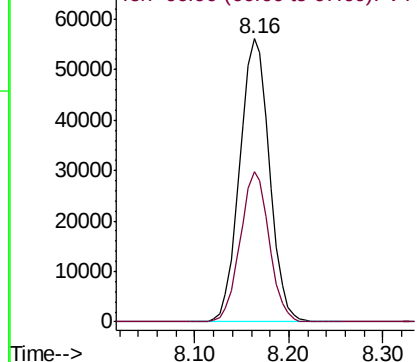
Ion Ratio Lower Upper

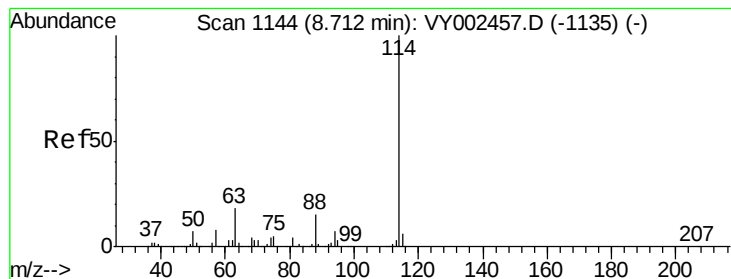
65 100

67 51.7 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: VY002507.D

Acq: 29 Apr 2020 15:13

Instrument :

MSVOA_Y

ClientSampleId :

EOD-PROJECT-WEST

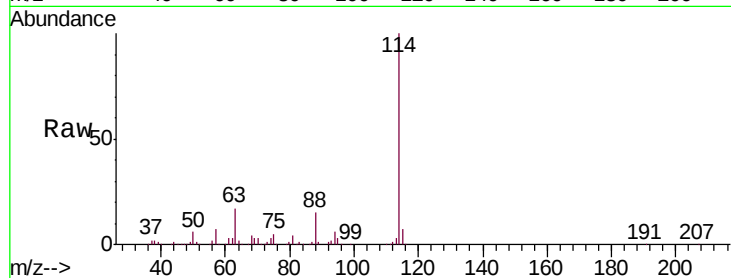
Tgt Ion:114 Resp: 382221

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.6

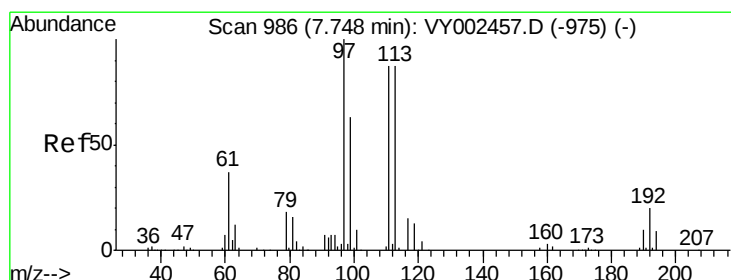
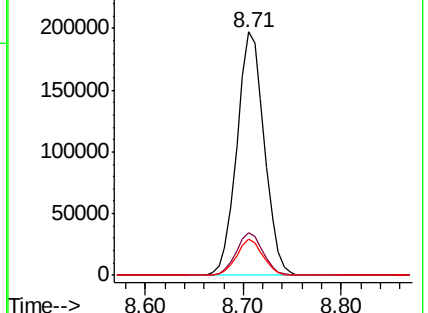
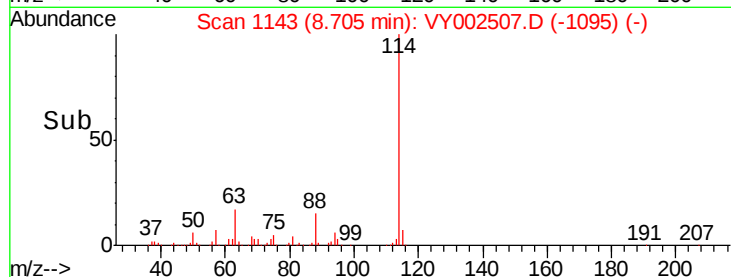
88 14.7 0.0 29.4



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: 53.039 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002507.D

Acq: 29 Apr 2020 15:13

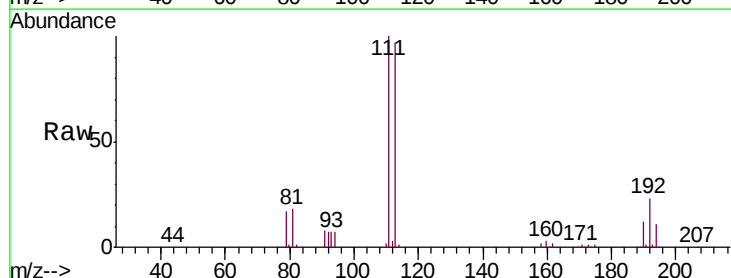
Tgt Ion:113 Resp: 114349

Ion Ratio Lower Upper

113 100

111 101.4 81.0 121.4

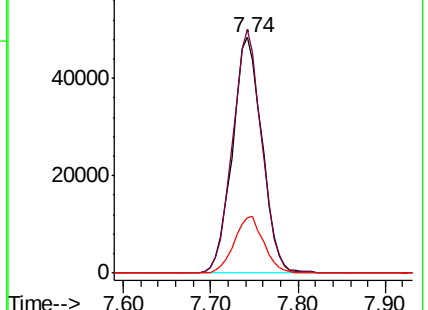
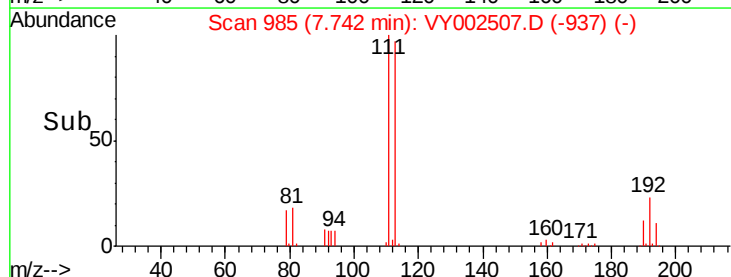
192 23.8 18.6 27.8

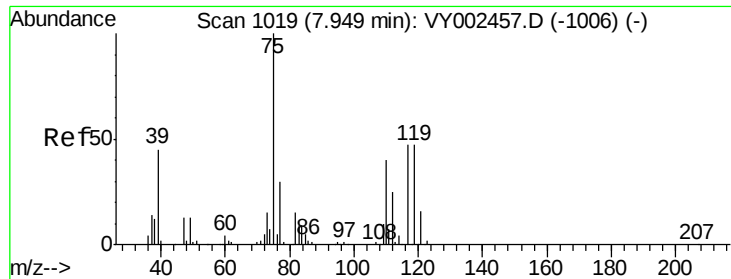


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

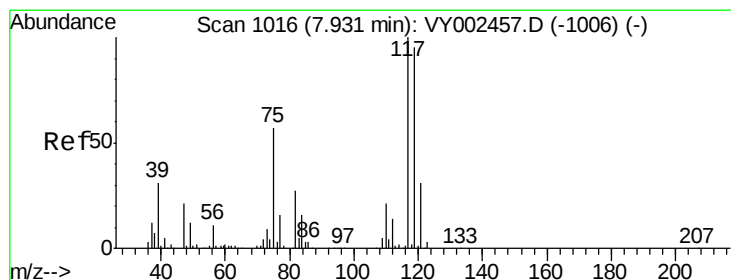
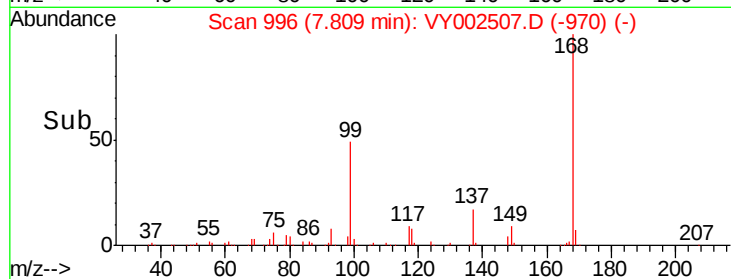
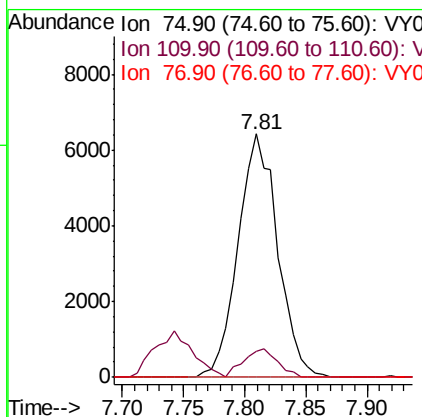
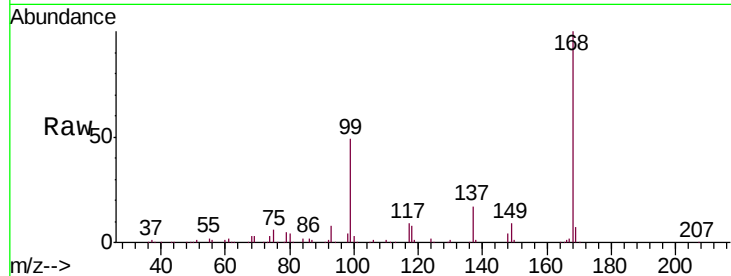




#36
 1,1-Dichloropropene
 Concen: 4.393 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.14 min
 Lab File: VY002507.D
 Acq: 29 Apr 2020 15:13

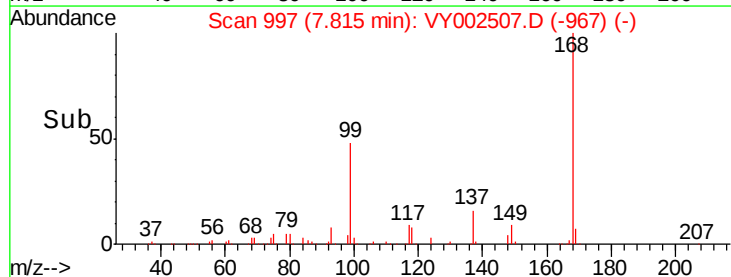
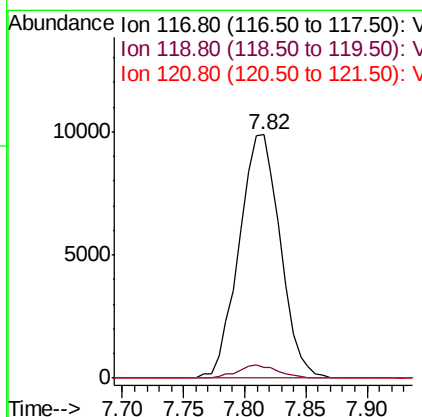
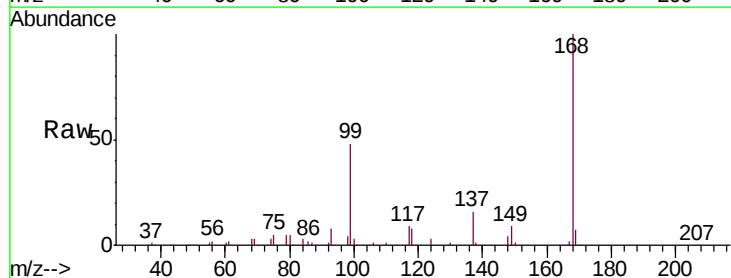
Instrument :
 MSVOA_Y
 ClientSampleId :
 EOD-PROJECT-WEST

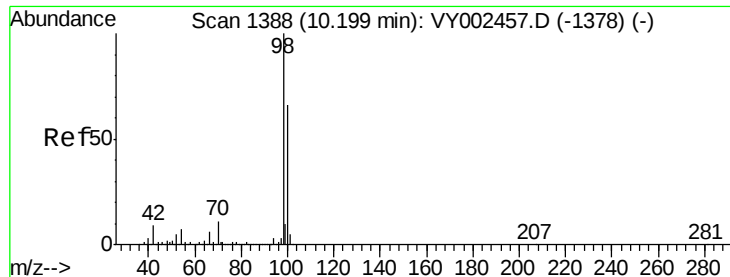
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.4	58.4#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.134 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002507.D
 Acq: 29 Apr 2020 15:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.9	113.9#
121	0.0	24.5	36.7#

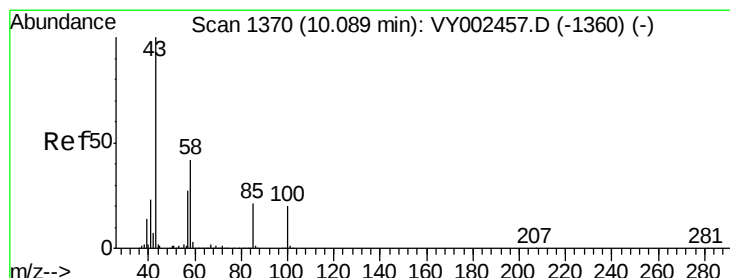
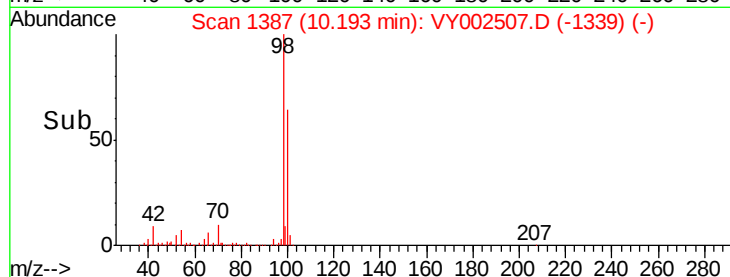
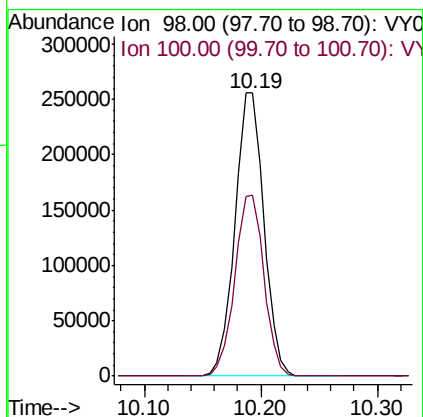
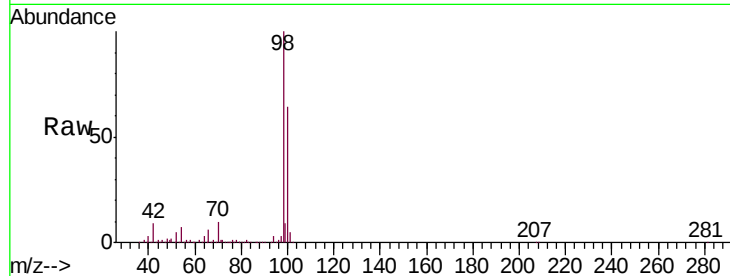




#50
Toluene-d8
Concen: 51.189 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VY002507.D
Acq: 29 Apr 2020 15:13

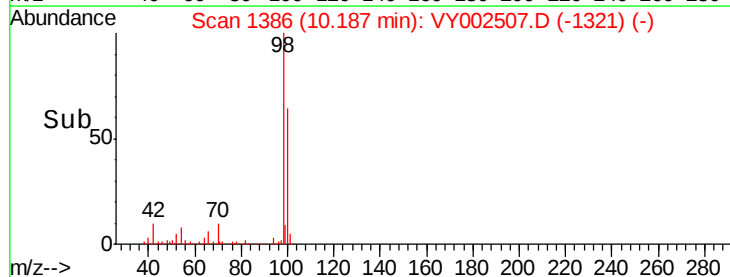
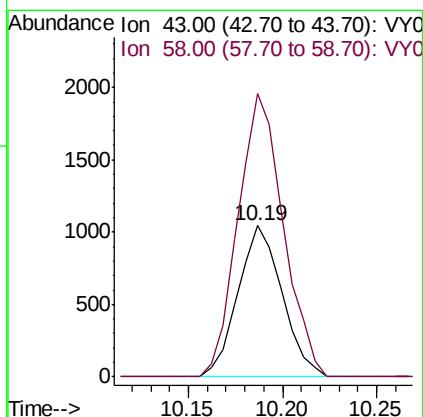
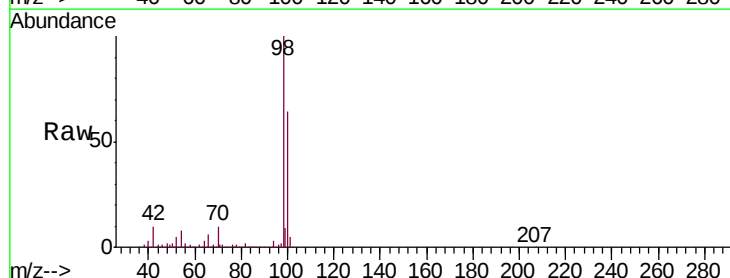
Instrument :
MSVOA_Y
ClientSampleId :
EOD-PROJECT-WEST

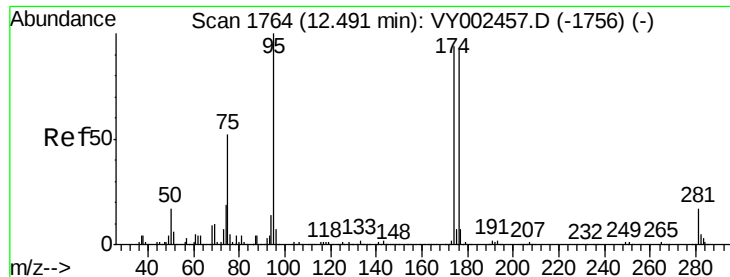
Tgt Ion: 98 Resp: 443564
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7



#51
4-Methyl-2-Pentanone
Concen: 1.058 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.10 min
Lab File: VY002507.D
Acq: 29 Apr 2020 15:13

Tgt Ion: 43 Resp: 1692
Ion Ratio Lower Upper
43 100
58 192.4 33.2 49.8#

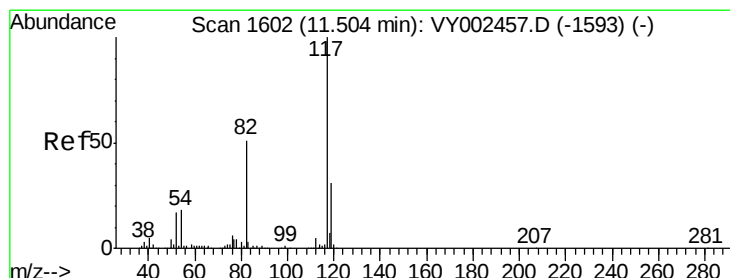
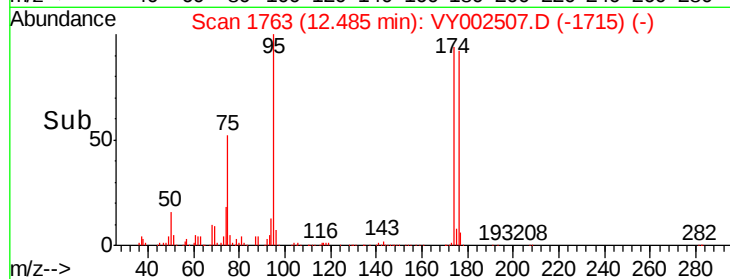
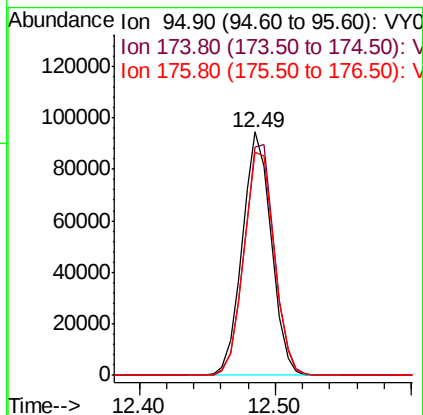
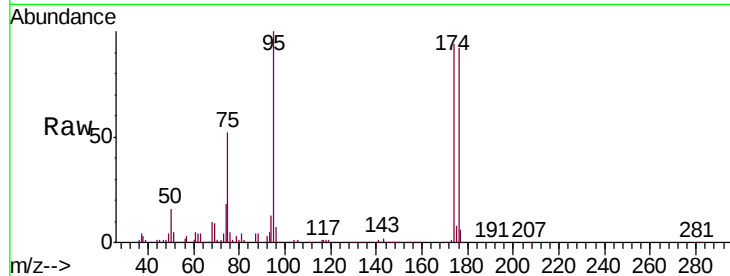




#62
4-Bromofluorobenzene
Concen: 48.311 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002507.D
Acq: 29 Apr 2020 15:13

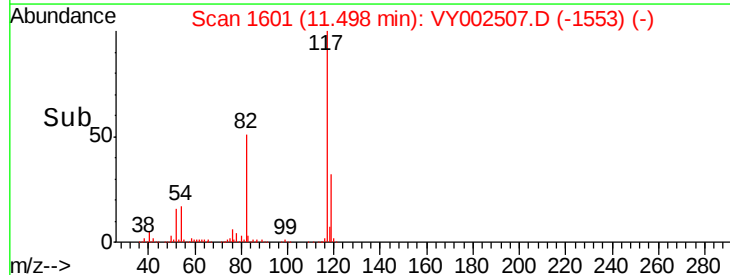
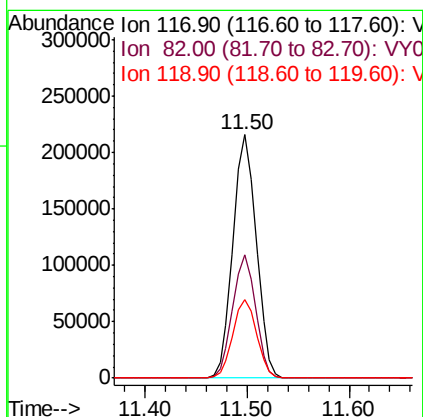
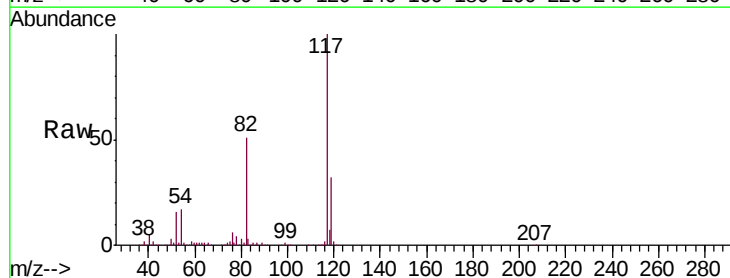
Instrument :
MSVOA_Y
ClientSampleId :
EOD-PROJECT-WEST

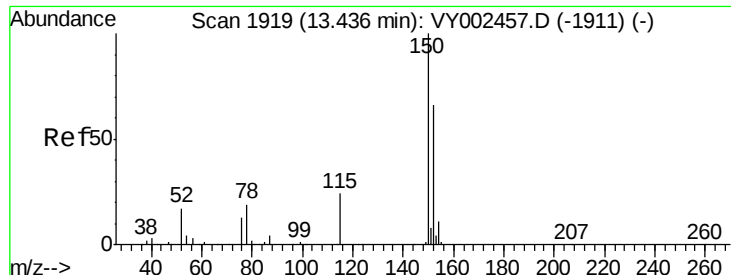
Tgt Ion: 95 Resp: 140465
Ion Ratio Lower Upper
95 100
174 98.9 0.0 193.0
176 96.2 0.0 190.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002507.D
Acq: 29 Apr 2020 15:13

Tgt Ion: 117 Resp: 340615
Ion Ratio Lower Upper
117 100
82 50.7 40.8 61.2
119 32.0 25.2 37.8



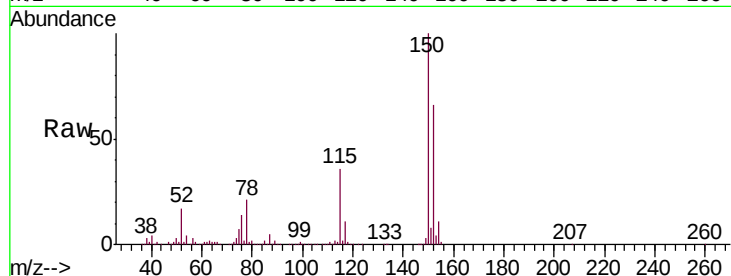


#72

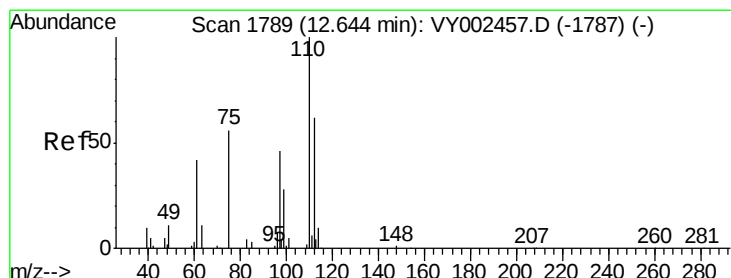
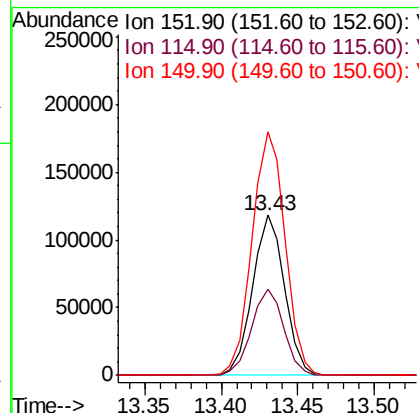
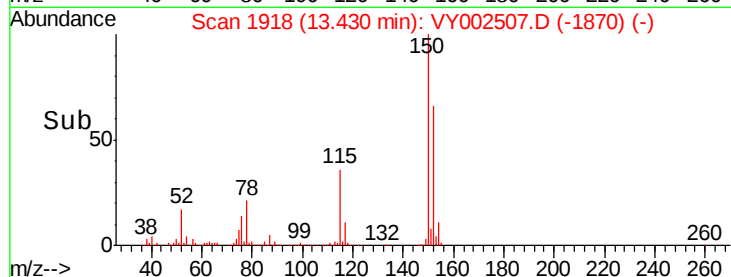
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002507.D
Acq: 29 Apr 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :
EOD-PROJECT-WEST

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.3	81.8
150	157.4	0.0	346.8



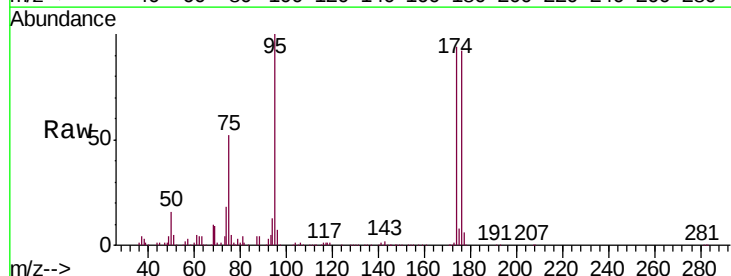
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



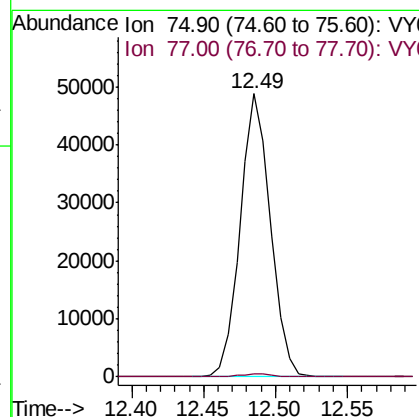
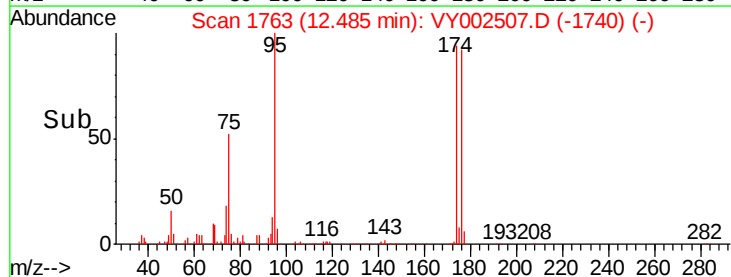
#76

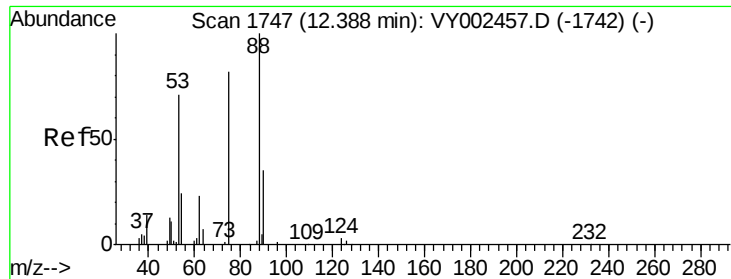
1,2,3-Trichloropropane
Concen: 48.881 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.16 min
Lab File: VY002507.D
Acq: 29 Apr 2020 15:13

Tgt 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: 90.454 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002507.D

Acq: 29 Apr 2020 15:13

Instrument :

MSVOA_Y

ClientSampleId :

EOD-PROJECT-WEST

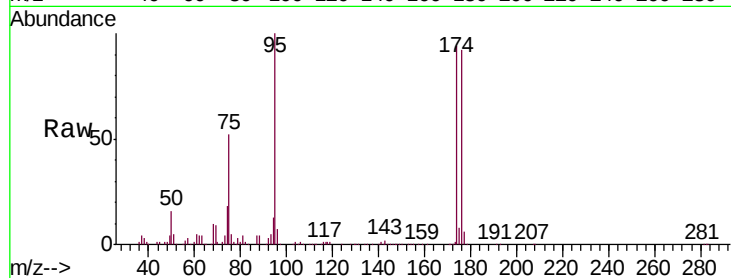
Tgt Ion: 75 Resp: 71117

Ion Ratio Lower Upper

75 100

53 0.0 70.0 105.0#

89 0.0 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

