

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
 Data File : VY003529.D
 Acq On : 12 Nov 2020 13:05
 Operator : SY/MD
 Sample : L4622-07
 Misc : 6.63G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAV-B12-110320-16-17

Quant Time: Nov 13 02:22:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	1097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.41	152	24	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	343	43.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.12%	
35) Dibromofluoromethane	7.73	113	196	29.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.72%	
50) Toluene-d8	10.18	98	1057	38.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.12%	
62) 4-Bromofluorobenzene	12.49	95	86	9.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.70%	

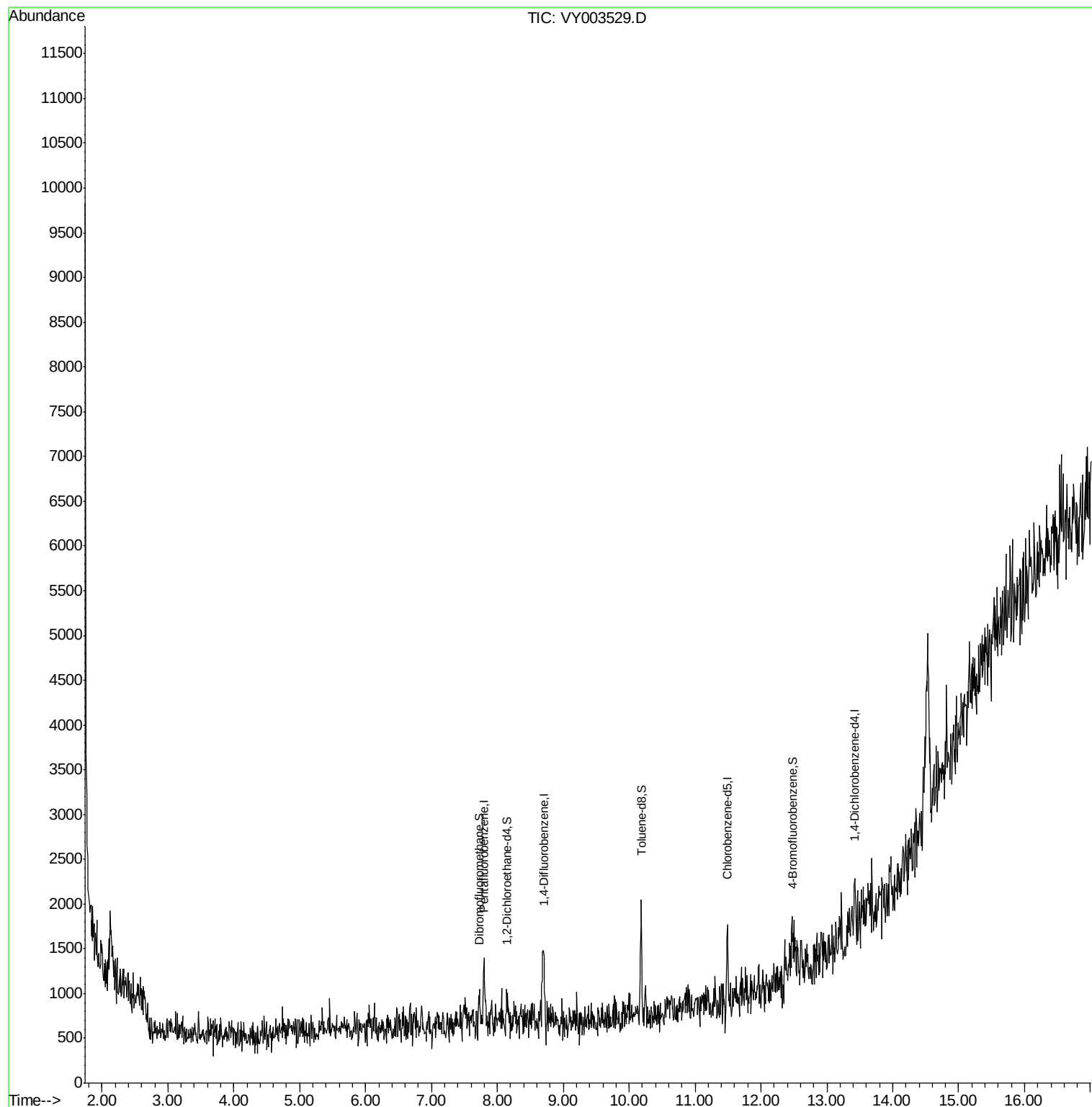
Target Compounds	Qvalue

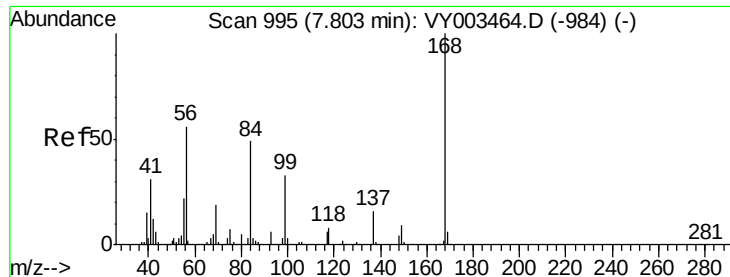
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003529.D

Acq: 12 Nov 2020 13:05

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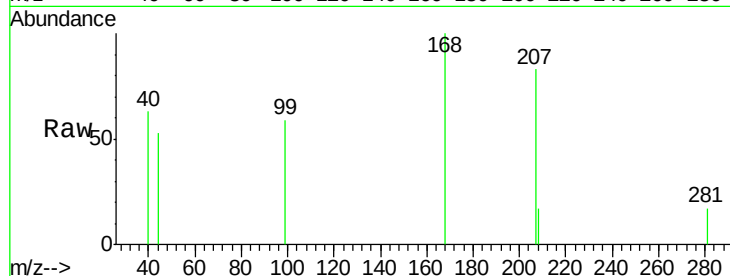
PAV-B12-110320-16-17

Tot Ion:168 Resp: 777

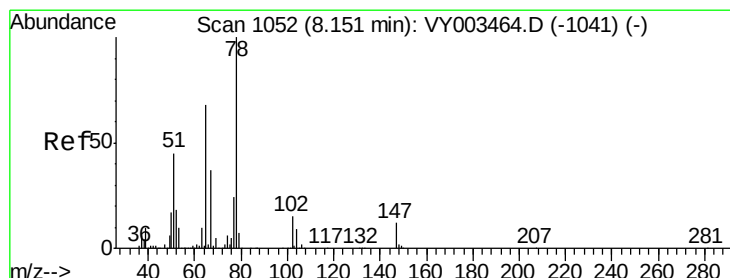
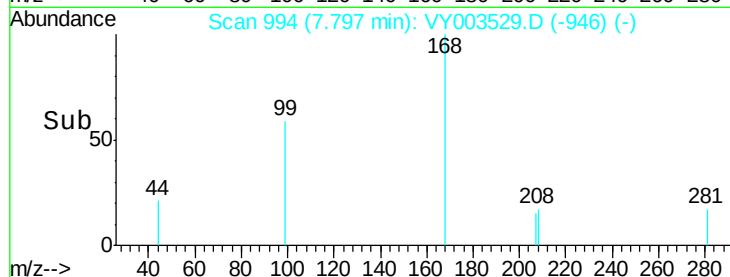
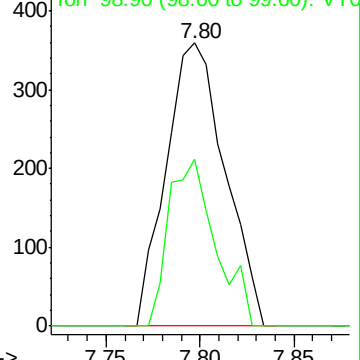
Ion Ratio Lower Upper

168 100

99 58.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)



#33

1,2-Dichloroethane-d4

Concen: 43.060 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY003529.D

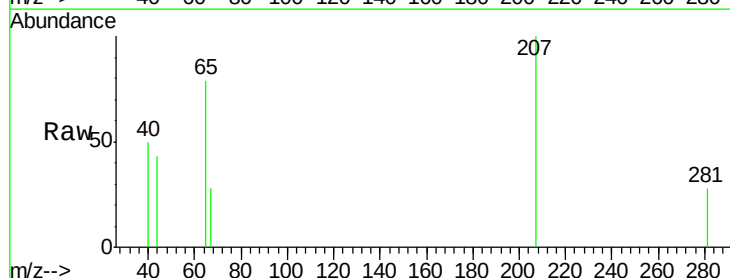
Acq: 12 Nov 2020 13:05

Tgt Ion: 65 Resp: 343

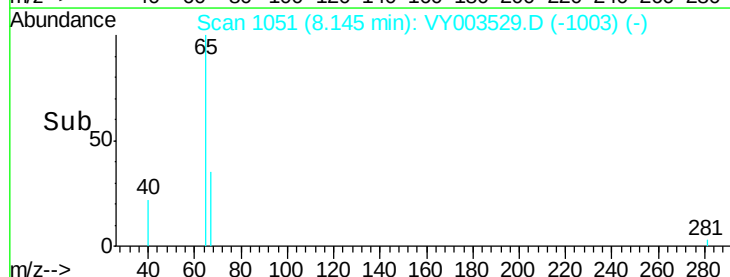
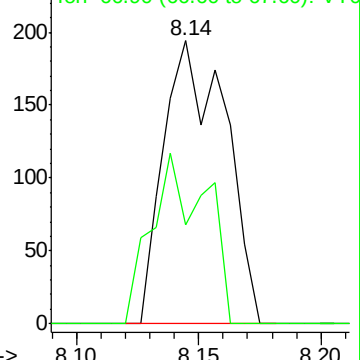
Ion Ratio Lower Upper

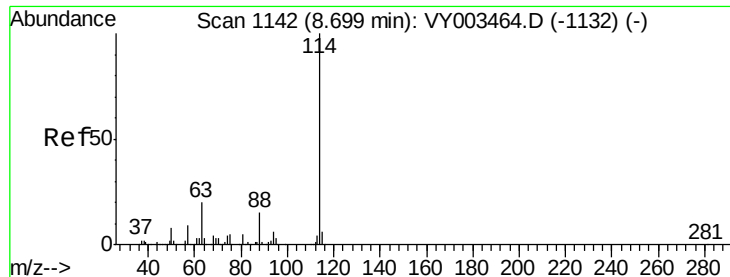
65 100

67 52.8 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY003464.D (-1041) (-)

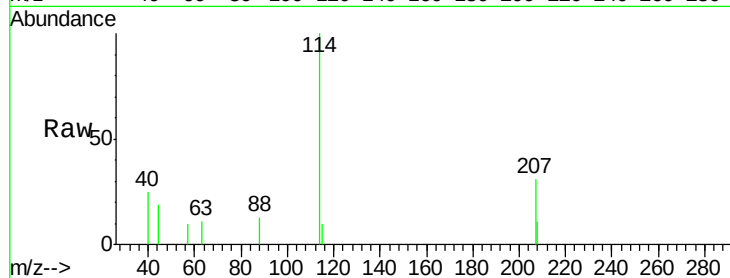




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003529.D
 Acq: 12 Nov 2020 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAV-B12-110320-16-17

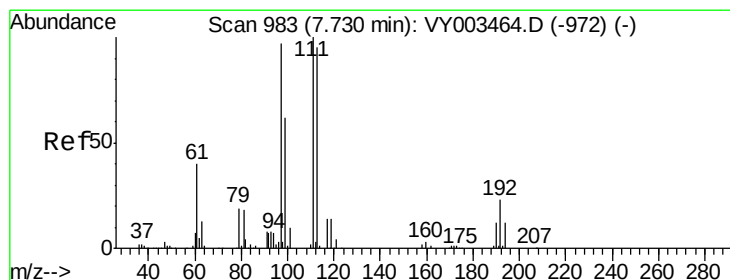
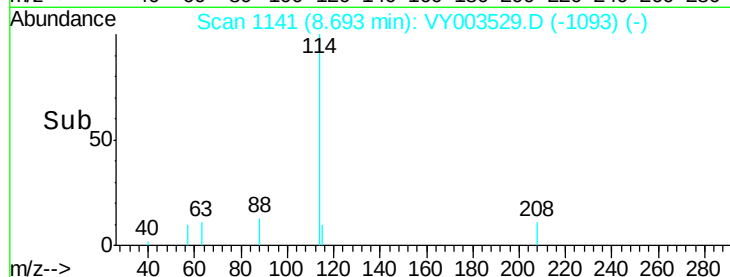
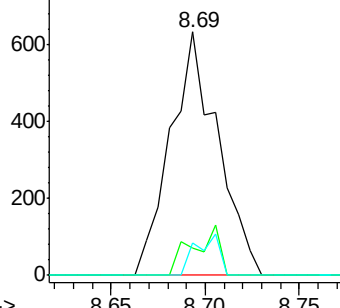
Tot Ion	Ratio	Lower	Upper
114	100		
63	11.2	0.0	40.6
88	13.1	0.0	29.4



Abundance Ion 113.90 (113.60 to 114.60): V

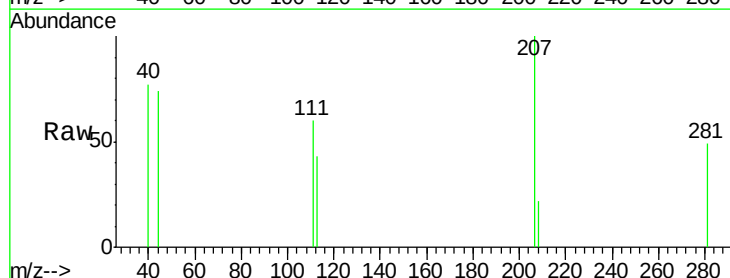
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
 Dibromofluoromethane
 Concen: 29.361 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY003529.D
 Acq: 12 Nov 2020 13:05

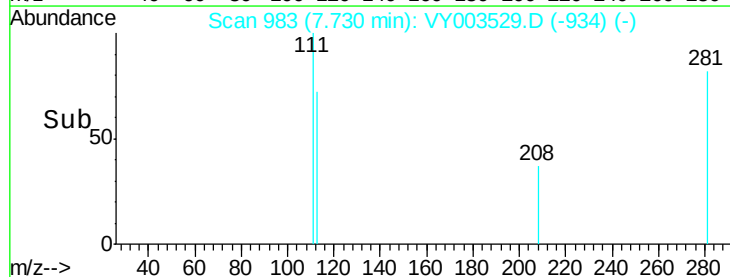
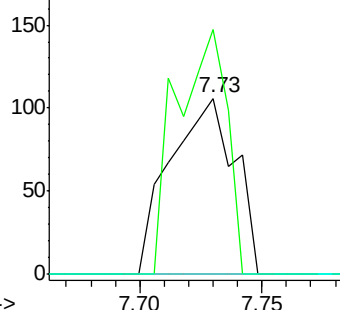
Tgt Ion	Ratio	Lower	Upper
113	100		
111	108.7	81.8	122.6
192	0.0	18.8	28.2#

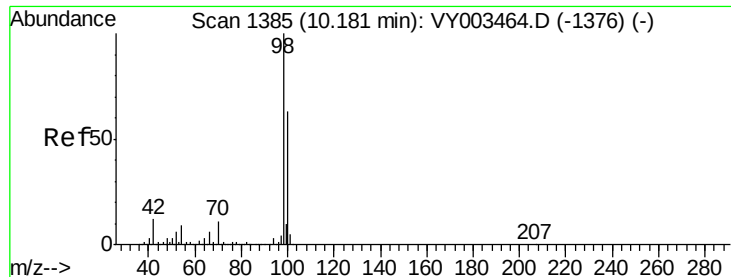


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.062 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003529.D

Acq: 12 Nov 2020 13:05

Instrument :

MSVOA_Y

ClientSampleId :

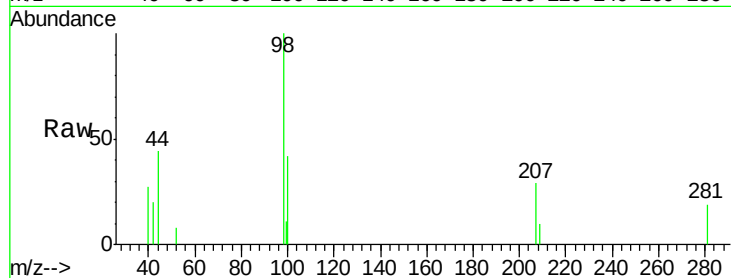
PAV-B12-110320-16-17

Tot Ion: 98 Resp: 1057

Ion Ratio Lower Upper

98 100

100 58.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

600

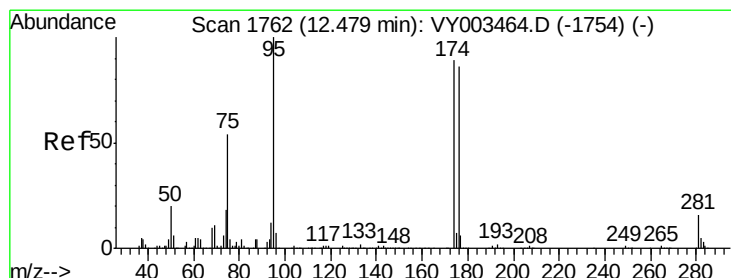
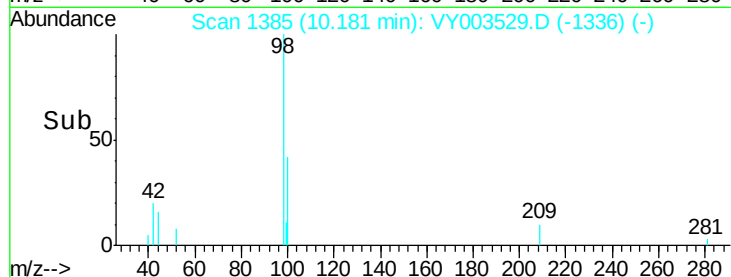
400

200

0

10.15 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 9.347 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY003529.D

Acq: 12 Nov 2020 13:05

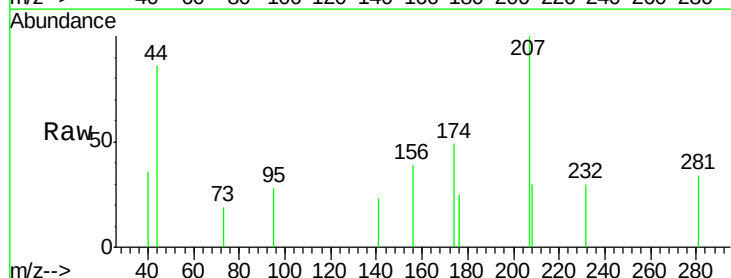
Tgt Ion: 95 Resp: 86

Ion Ratio Lower Upper

95 100

174 162.8 0.0 193.0

176 102.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

200

150

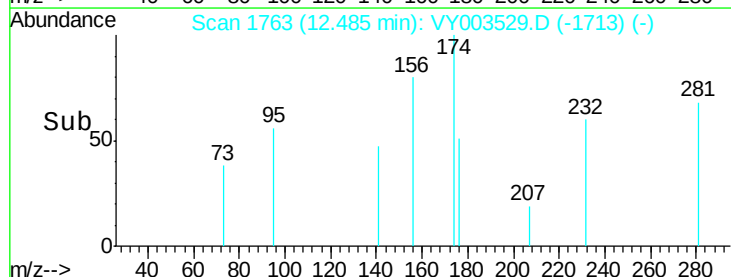
100

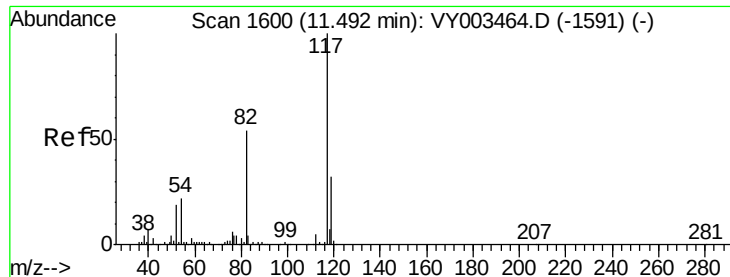
50

0

12.46 12.48 12.50

Time-->

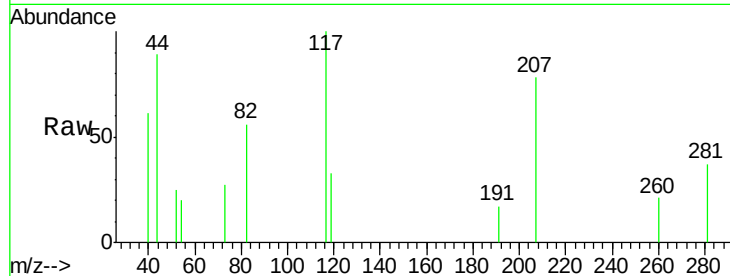




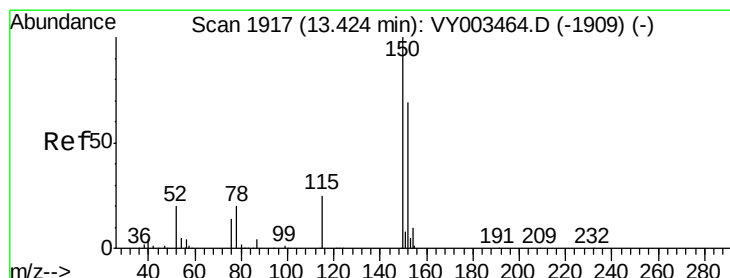
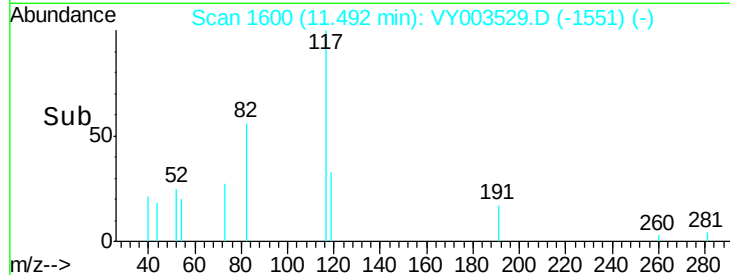
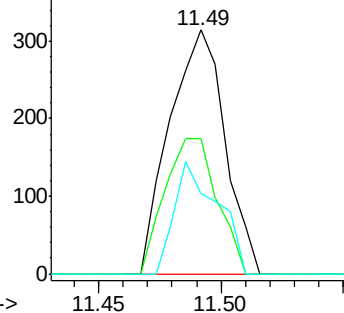
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003529.D
Acq: 12 Nov 2020 13:05

Instrument :
MSVOA_Y
ClientSampleId :
PAV-B12-110320-16-17

Tot Ion:117 Resp: 492
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.2
119 33.1 25.8 38.6

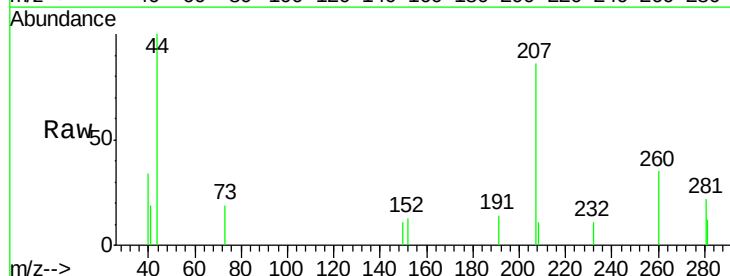


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.41 min Scan# 1915
Delta R.T. -0.01 min
Lab File: VY003529.D
Acq: 12 Nov 2020 13:05

Tgt Ion:152 Resp: 24
Ion Ratio Lower Upper
152 100
115 0.0 27.5 82.4#
150 658.3 0.0 345.8#



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

