

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002232.D
 Acq On : 06 Apr 2020 13:25
 Operator : SY/MD
 Sample : L2157-02
 Misc : 4.69G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 07 04:24:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

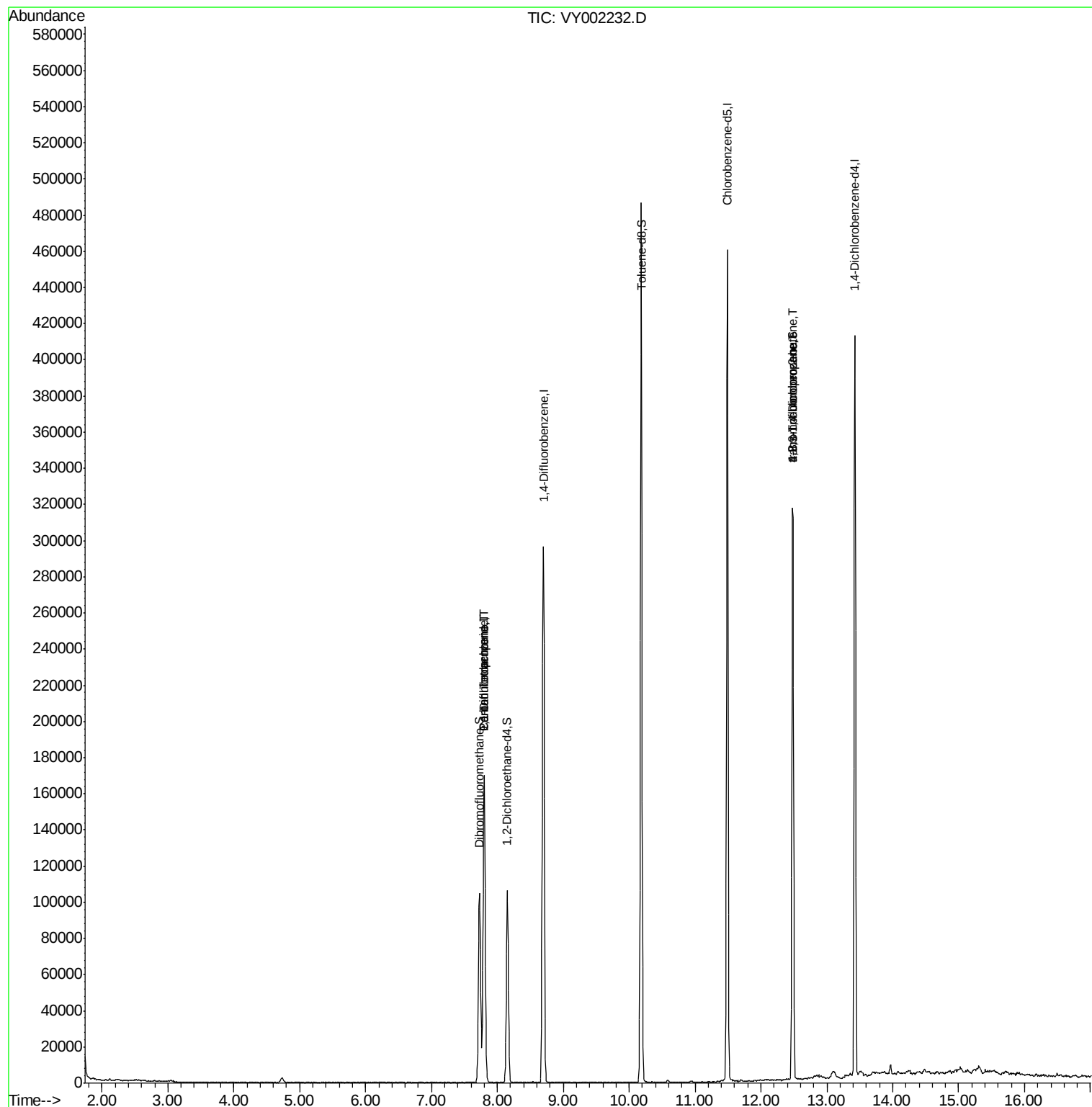
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	130077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	258391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	237360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	101442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	77938	54.20	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	108.40%	
35) Dibromofluoromethane	7.73	113	74720	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
50) Toluene-d8	10.18	98	314556	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.48	95	107345	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
Target Compounds						
20) Methylene Chloride	4.74	84	2088	Below Cal	#	86
36) 1,1-Dichloropropene	7.80	75	11276	4.614	ug/l #	48
38) Carbon Tetrachloride	7.80	117	13505	6.513	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	54299	47.852	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	54299	92.707	ug/l #	17

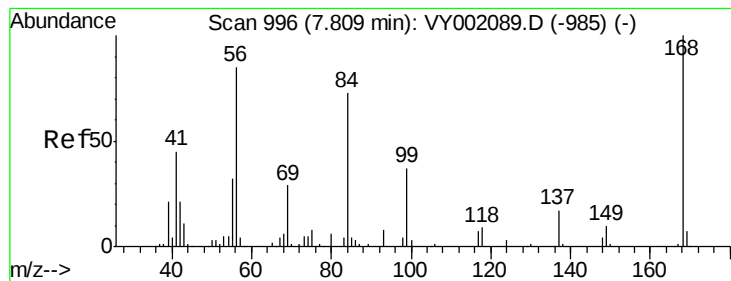
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002232.D

Acq: 06 Apr 2020 13:25

Instrument :

MSVOA_Y

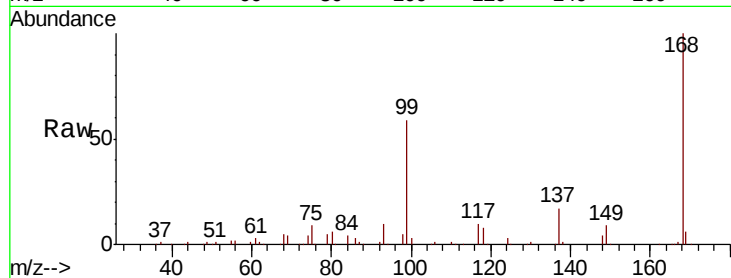
ClientSampleId :

Tot Ion:168 Resp: 130077

Ion Ratio Lower Upper

168 100

99 58.6 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)

7.80

60000

50000

40000

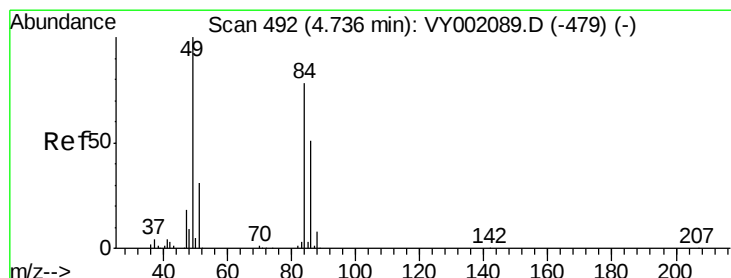
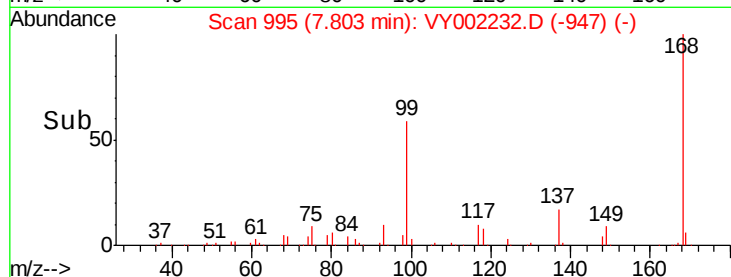
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.74 min Scan# 492

Delta R.T. 0.00 min

Lab File: VY002232.D

Acq: 06 Apr 2020 13:25

Tgt Ion: 84 Resp: 2088

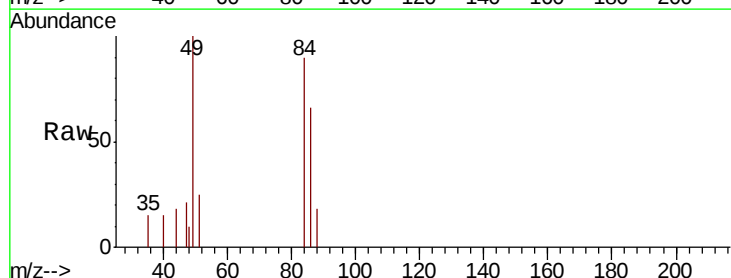
Ion Ratio Lower Upper

84 100

49 110.7 102.2 153.4

51 27.5 31.2 46.8#

86 73.3 52.6 78.8



Abundance Ion 83.90 (83.60 to 84.60): VY002089.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002089.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002089.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002089.D (-479) (-)

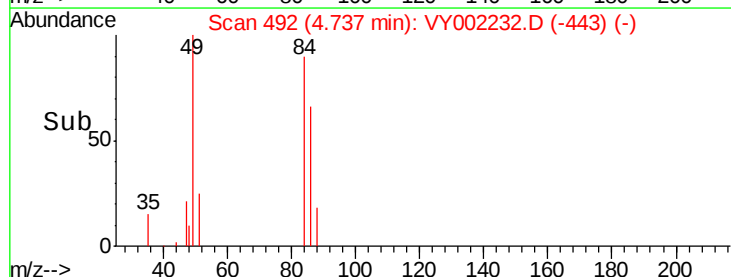
1500

1000

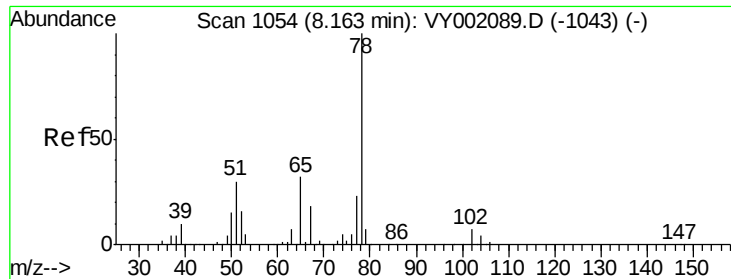
500

0

Time-->



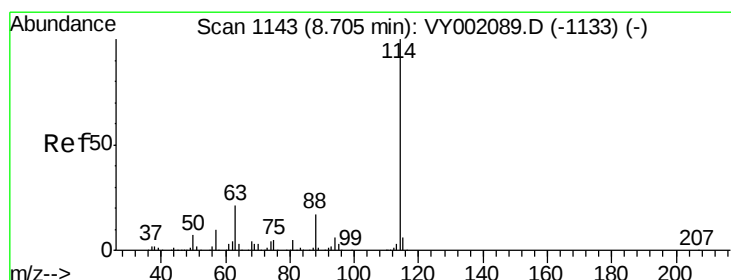
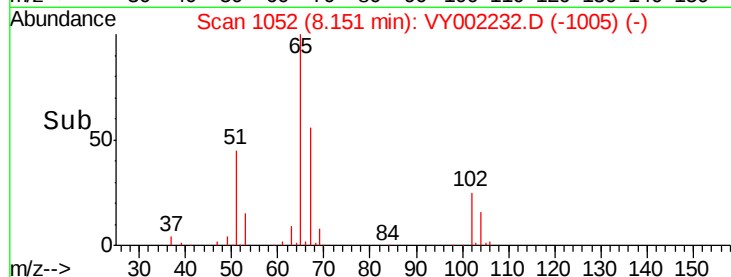
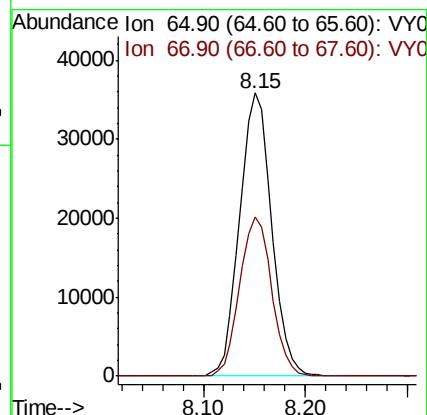
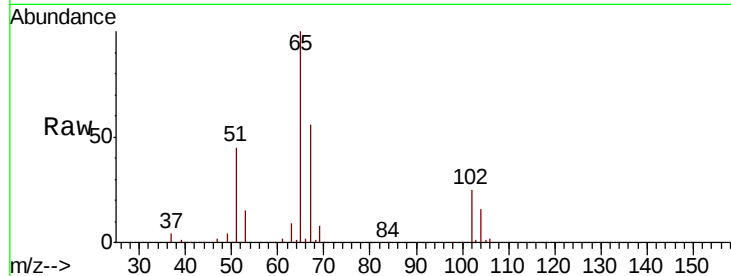
4.74



#33
 1,2-Dichloroethane-d4
 Concen: 54.200 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002232.D
 Acq: 06 Apr 2020 13:25

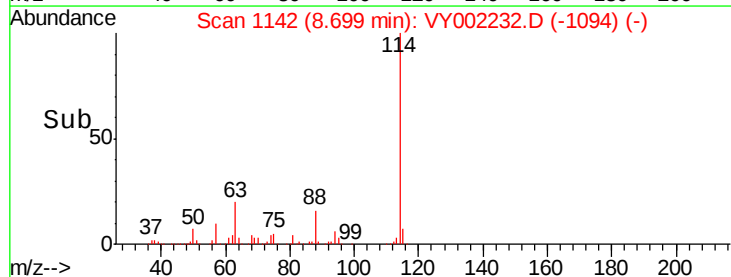
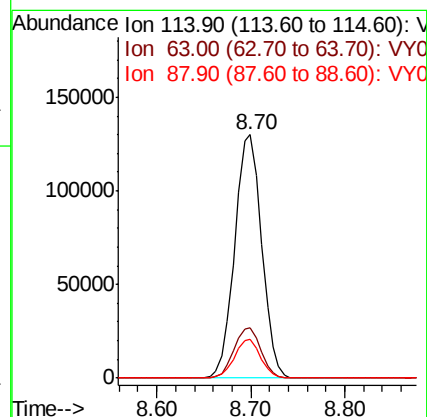
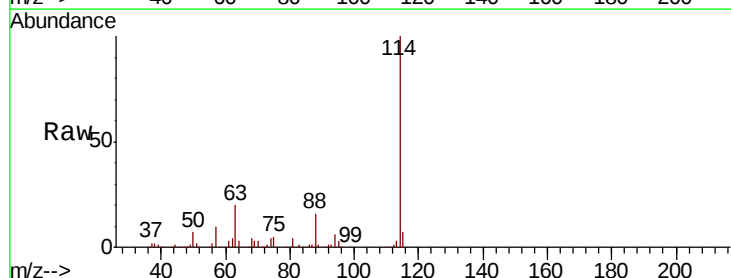
Instrument :
 MSVOA_Y
 ClientSampleId :

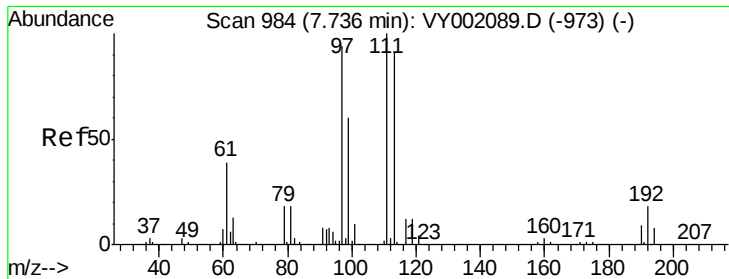
Tot Ion: 65 Resp: 77938
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002232.D
 Acq: 06 Apr 2020 13:25

Tgt Ion: 114 Resp: 258391
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.609 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002232.D

Acq: 06 Apr 2020 13:25

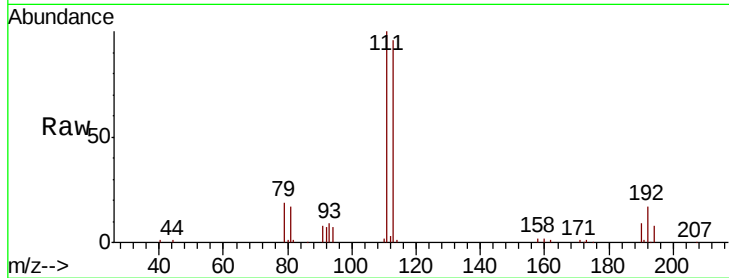
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:113 Resp: 74720

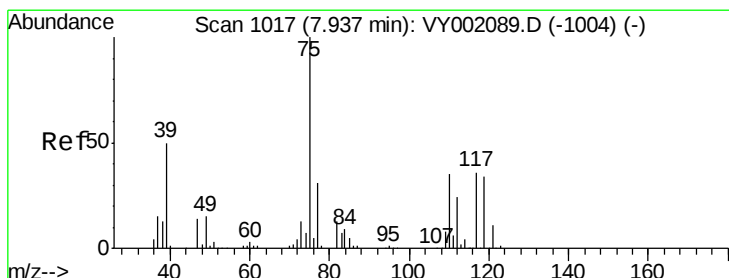
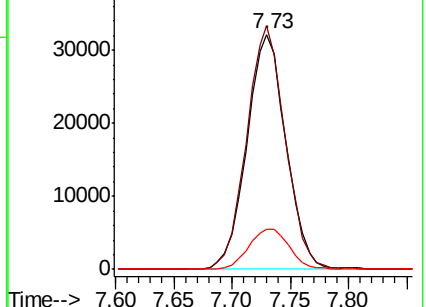
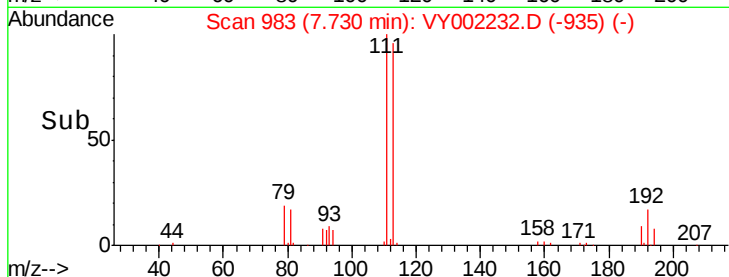
Ion	Ratio	Lower	Upper
113	100		
111	102.8	84.4	126.6
192	17.9	14.6	21.8



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: 4.614 ug/l

RT: 7.80 min Scan# 995

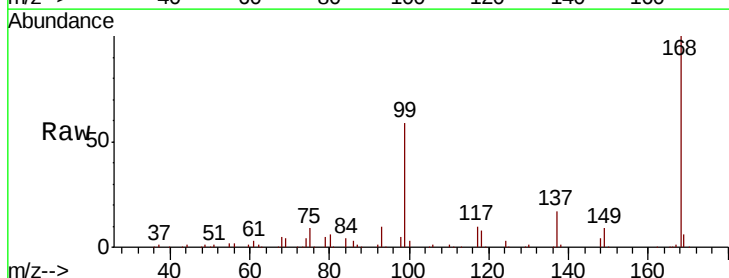
Delta R.T. -0.13 min

Lab File: VY002232.D

Acq: 06 Apr 2020 13:25

Tgt Ion: 75 Resp: 11276

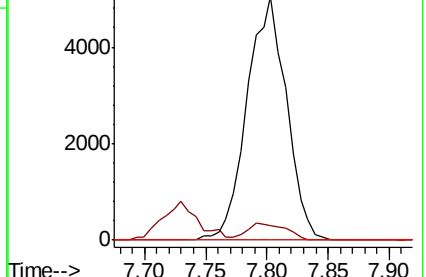
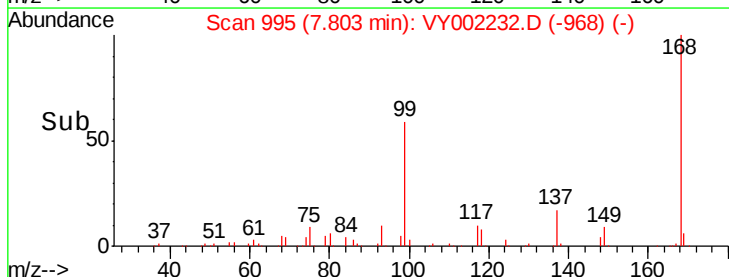
Ion	Ratio	Lower	Upper
75	100		
110	6.6	17.2	51.6#
77	0.0	24.7	37.1#

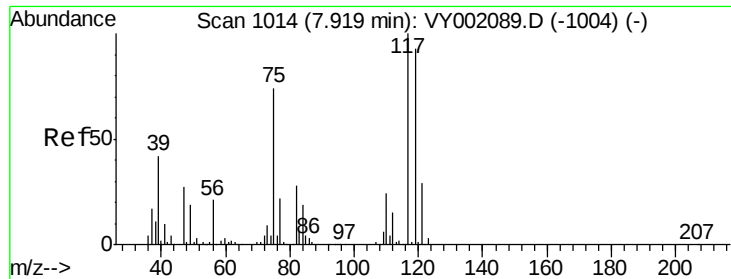


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

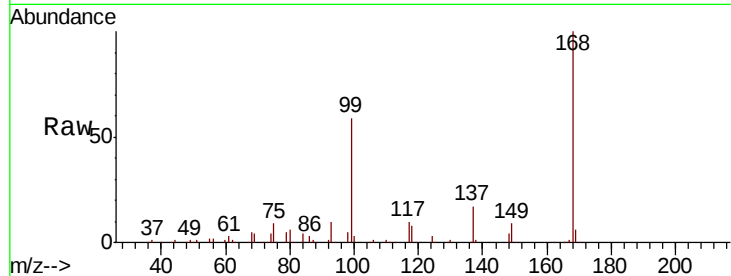




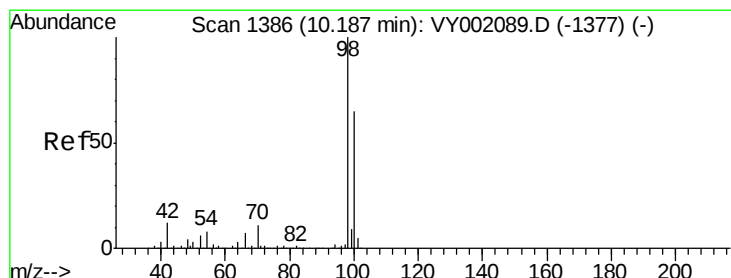
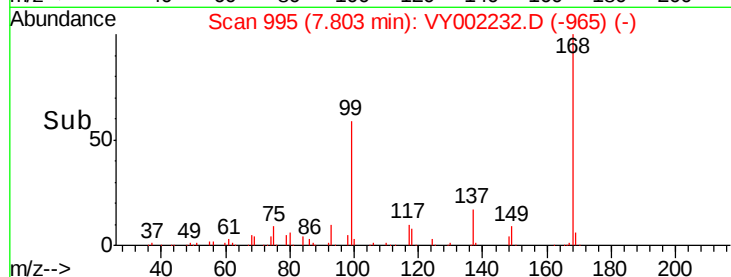
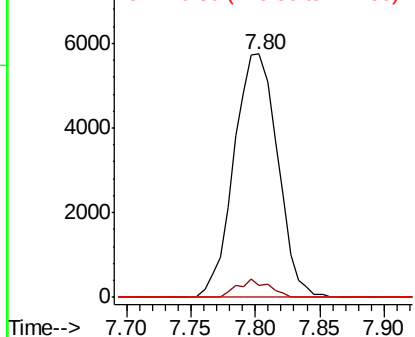
#38
Carbon Tetrachloride
Concen: 6.513 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002232.D
Acq: 06 Apr 2020 13:25

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 13505
Ion Ratio Lower Upper
117 100
119 4.7 74.3 111.5#
121 0.0 23.3 34.9#

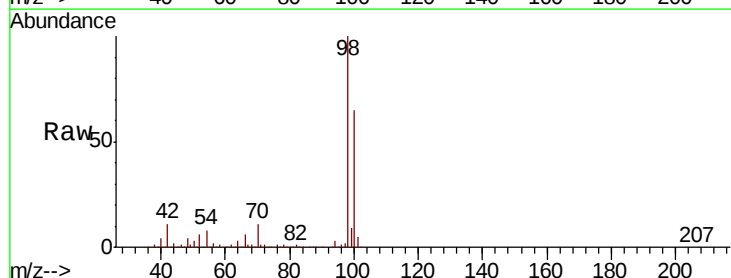


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

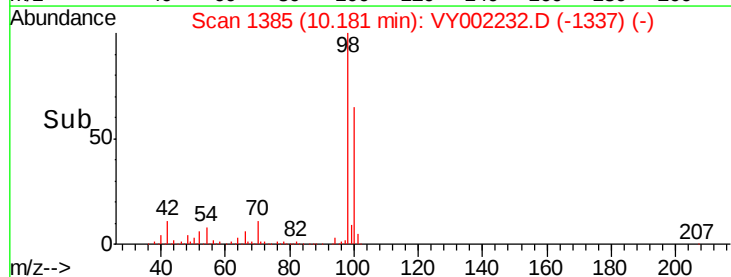
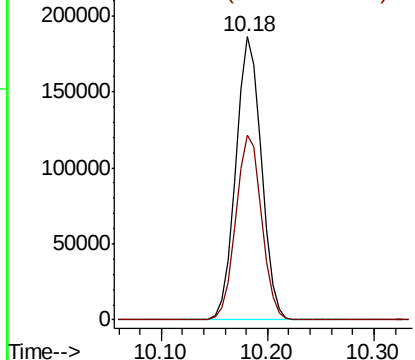


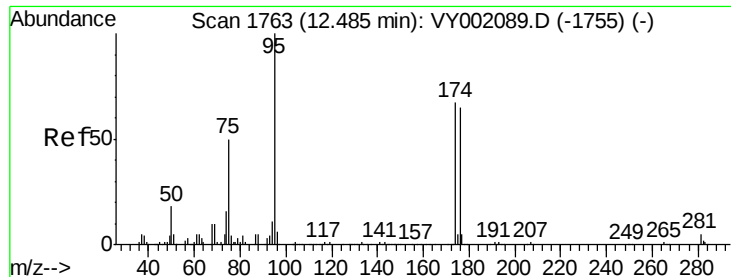
#50
Toluene-d8
Concen: 52.299 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002232.D
Acq: 06 Apr 2020 13:25

Tgt Ion: 98 Resp: 314556
Ion Ratio Lower Upper
98 100
100 66.0 51.6 77.4



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

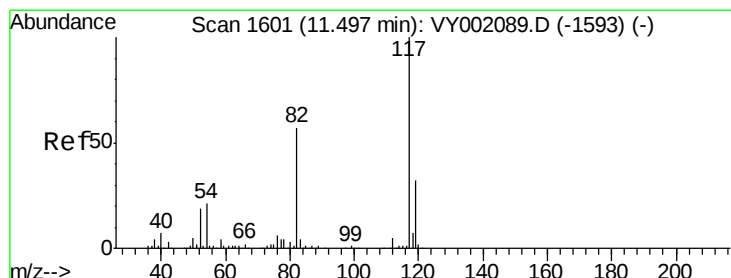
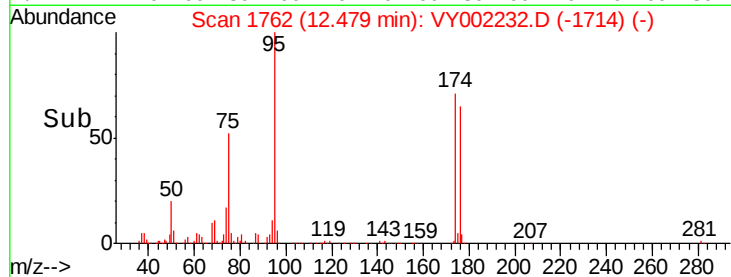
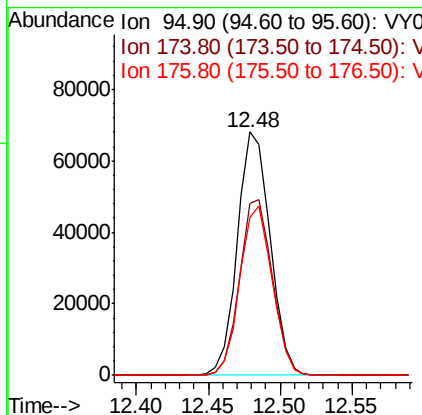
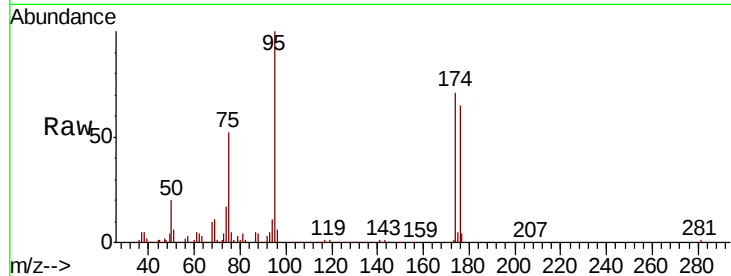




#62
 4-Bromofluorobenzene
 Concen: 51.032 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY002232.D
 Acq: 06 Apr 2020 13:25

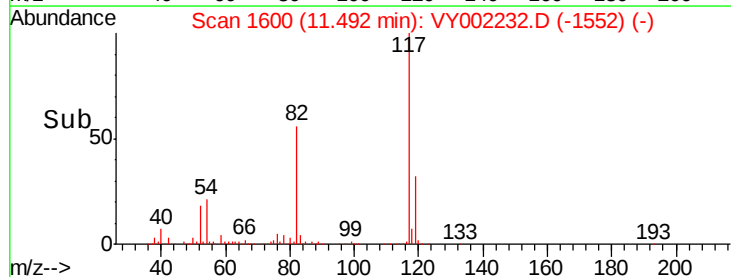
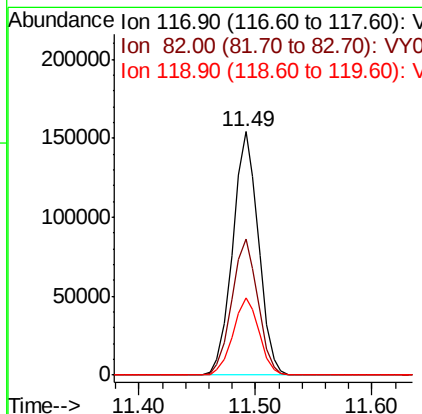
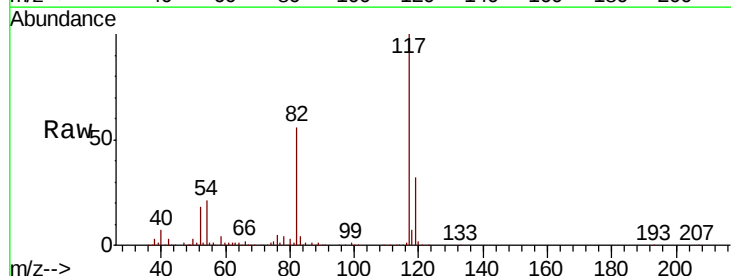
Instrument :
 MSVOA_Y
 ClientSampleId :

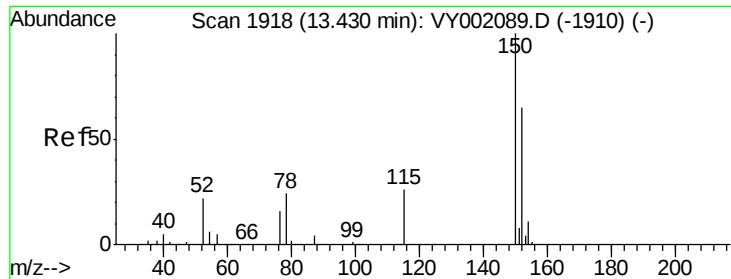
Tot Ion	95	Resp	107345
Ion Ratio	Lower	Upper	
95	100		
174	72.0	0.0	143.4
176	68.9	0.0	137.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: VY002232.D
 Acq: 06 Apr 2020 13:25

Tgt Ion	117	Resp	237360
Ion Ratio	Lower	Upper	
117	100		
82	55.9	45.4	68.2
119	31.5	25.3	37.9



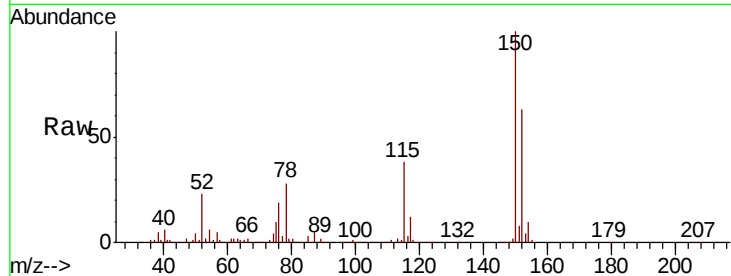


#72

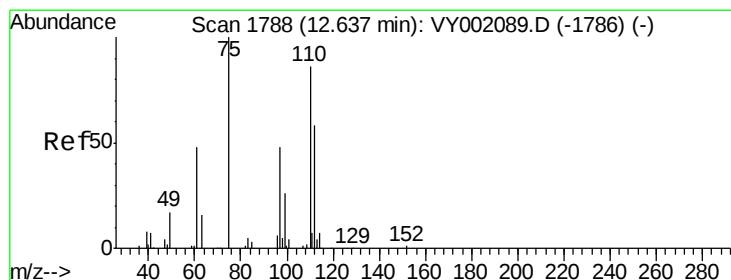
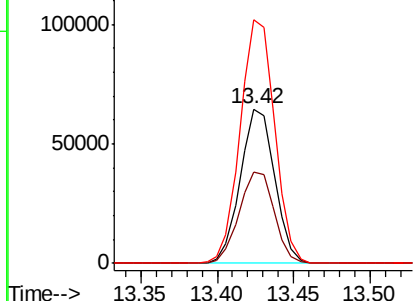
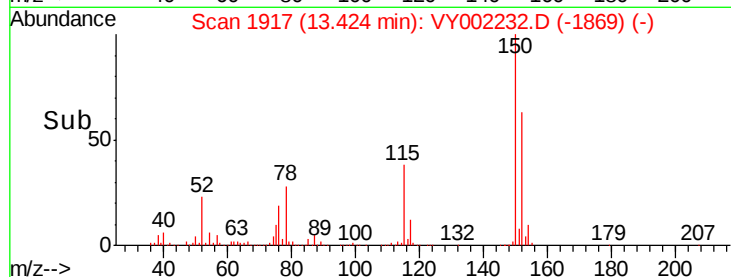
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002232.D
Acq: 06 Apr 2020 13:25

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 101442
Ion Ratio Lower Upper
152 100
115 60.4 31.2 93.6
150 157.7 0.0 354.8



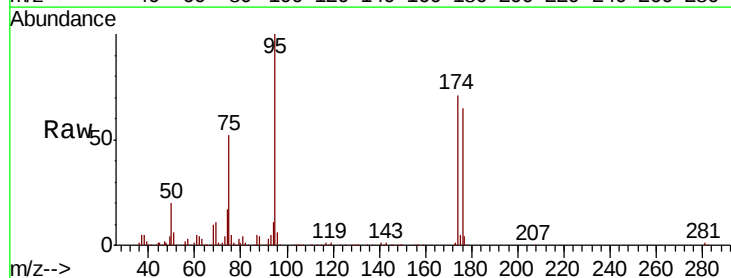
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



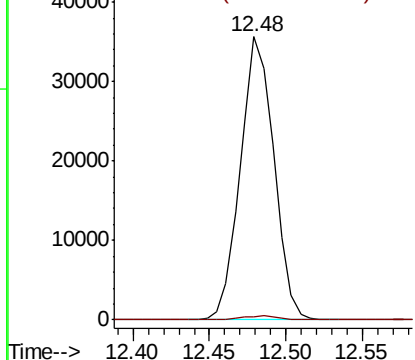
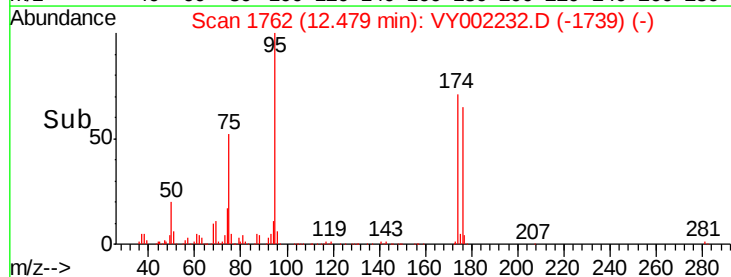
#76

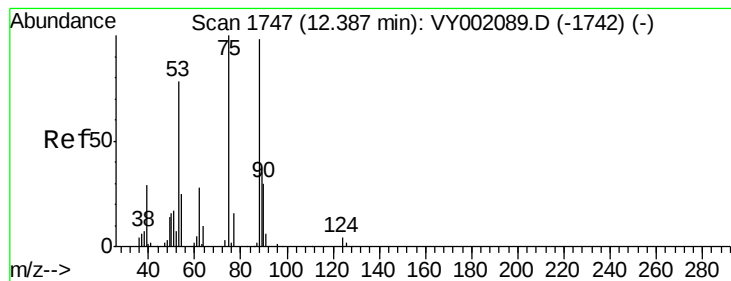
1,2,3-Trichloropropane
Concen: 47.852 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY002232.D
Acq: 06 Apr 2020 13:25

Tgt Ion: 75 Resp: 54299
Ion Ratio Lower Upper
75 100
77 2.0 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: 92.707 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY002232.D

Acq: 06 Apr 2020 13:25

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 54299

Ion Ratio Lower Upper

75 100

53 0.1 65.0 97.4#

89 0.0 33.4 50.0#

