

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
 Data File : VY001626.D
 Acq On : 13 Feb 2020 13:11
 Operator : SY/MD
 Sample : L1385-01RE
 Misc : 7.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 06:24:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

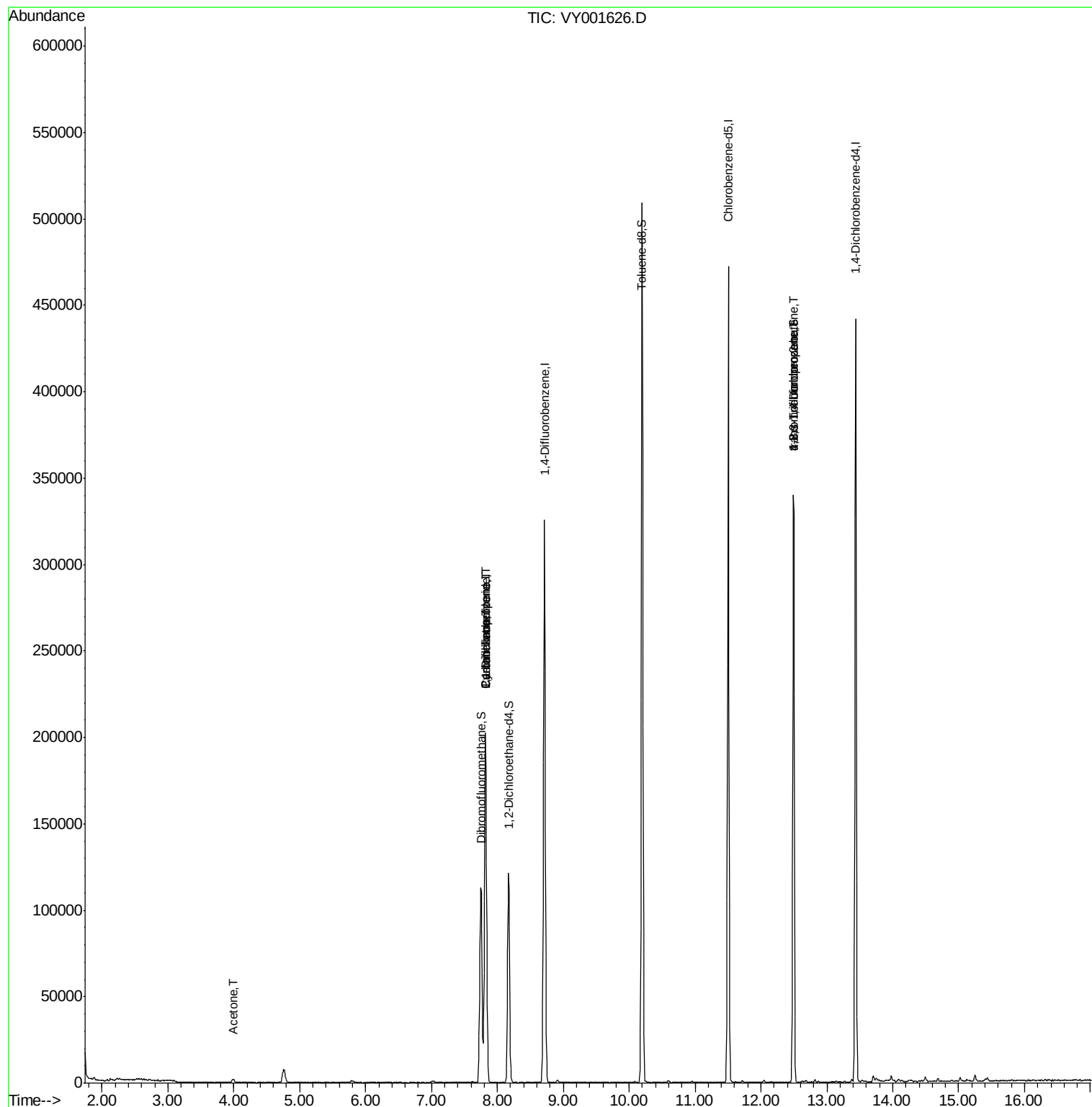
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	152354	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	281886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	246550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	107408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	88446	57.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.32%	
35) Dibromofluoromethane	7.75	113	81169	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	10.19	98	334705	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
62) 4-Bromofluorobenzene	12.49	95	112062	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.99	59	93	Below Cal	#	76
16) Acetone	3.98	43	3833	8.638	ug/l #	80
20) Methylene Chloride	4.76	84	5684	Below Cal		90
31) Cyclohexane	7.82	56	3547	1.187	ug/l #	15
36) 1,1-Dichloropropene	7.82	75	12598	4.885	ug/l #	48
38) Carbon Tetrachloride	7.82	117	15318	6.140	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	56760	49.140	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	56760	95.083	ug/l #	16

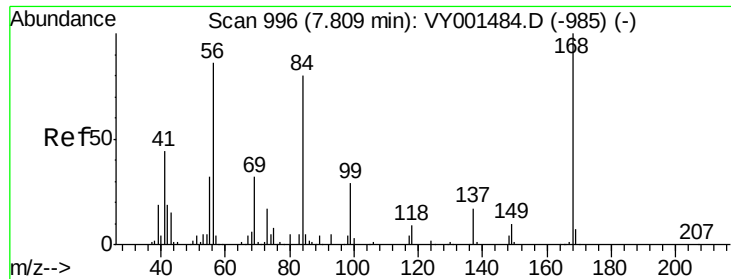
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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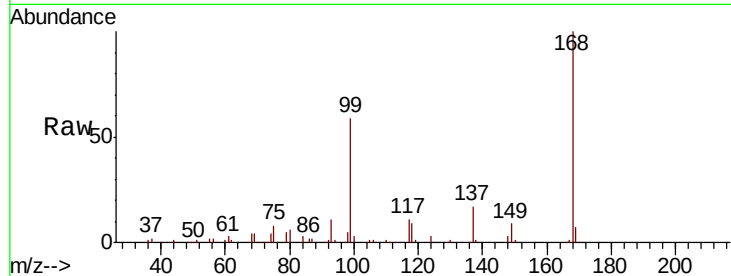




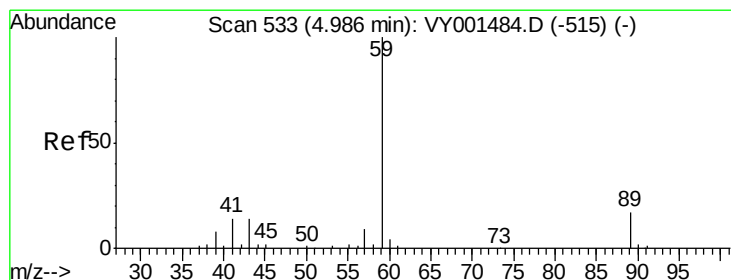
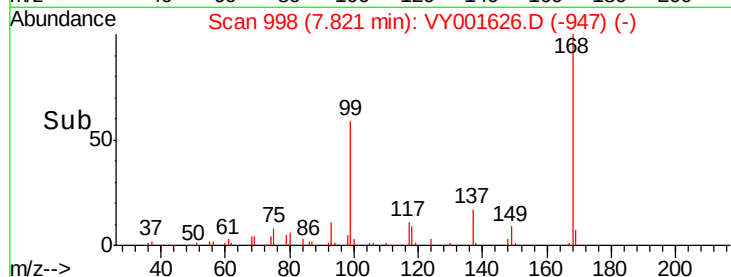
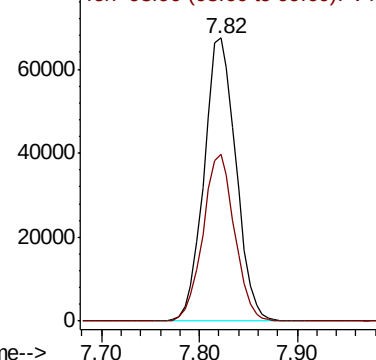
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001626.D
Acq: 13 Feb 2020 13:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 152354
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4

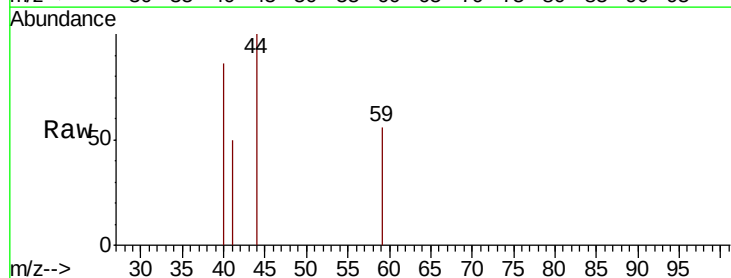


Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)
Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

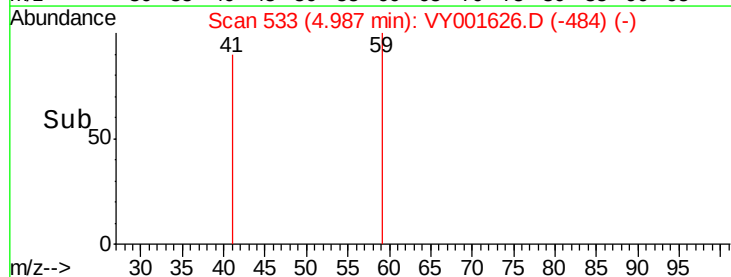
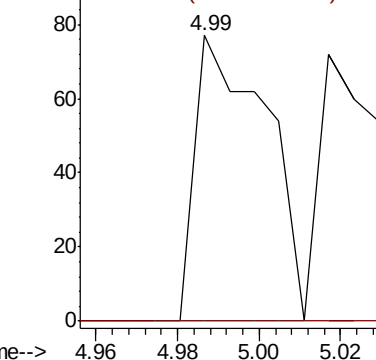


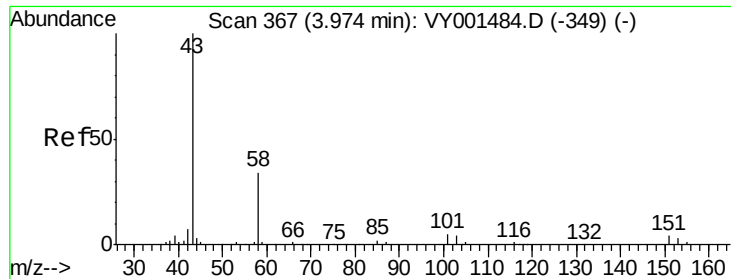
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.99 min Scan# 533
Delta R.T. 0.00 min
Lab File: VY001626.D
Acq: 13 Feb 2020 13:11

Tgt Ion: 59 Resp: 93
Ion Ratio Lower Upper
59 100
57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001484.D (-515) (-)
Ion 57.00 (56.70 to 57.70): VY001484.D (-515) (-)





#16

Acetone

Concen: 8.638 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001626.D

Acq: 13 Feb 2020 13:11

Instrument :

MSVOA_Y

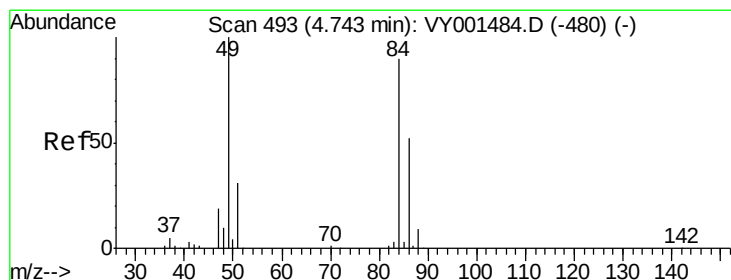
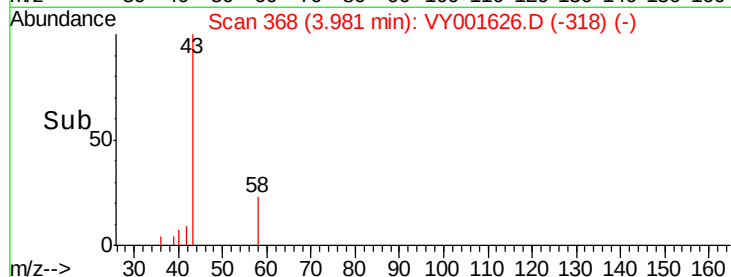
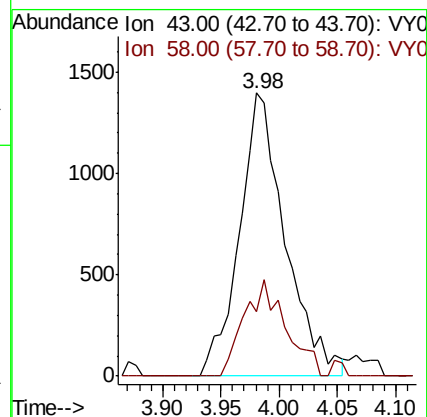
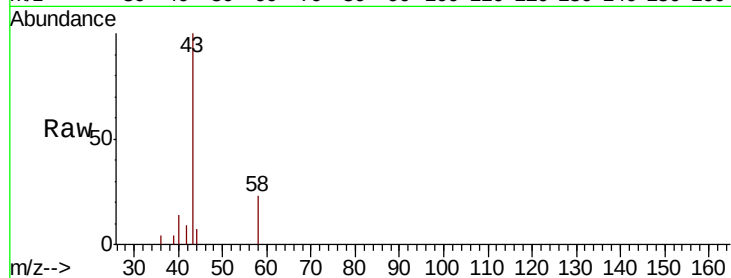
ClientSampleId :

Tot Ion: 43 Resp: 3833

Ion Ratio Lower Upper

43 100

58 22.7 27.5 41.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.76 min Scan# 496

Delta R.T. 0.02 min

Lab File: VY001626.D

Acq: 13 Feb 2020 13:11

Tgt Ion: 84 Resp: 5684

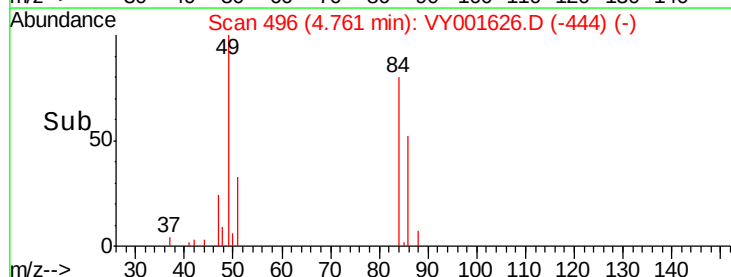
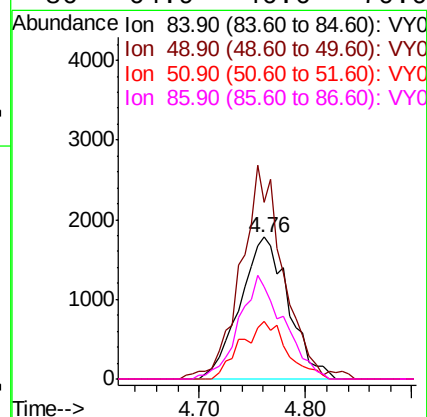
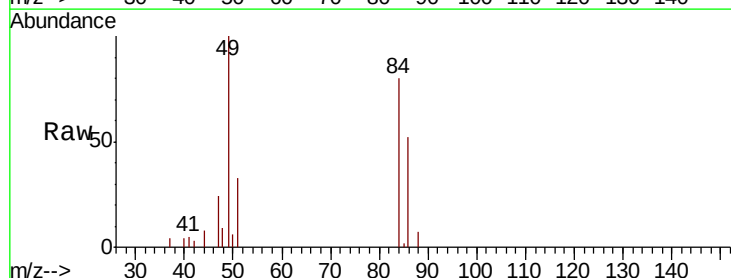
Ion Ratio Lower Upper

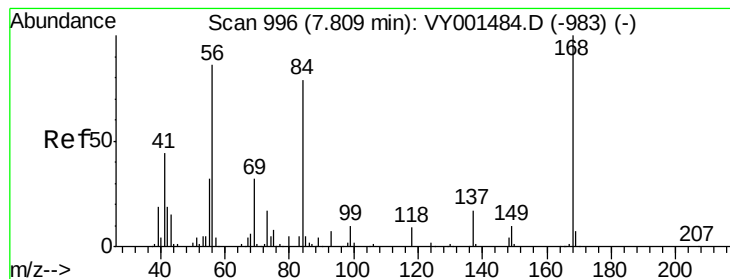
84 100

49 121.7 89.0 133.6

51 40.8 27.4 41.2

86 64.9 46.6 70.0





#31

Cyclohexane

Concen: 1.187 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001626.D

Acq: 13 Feb 2020 13:11

Instrument :
MSVOA_Y
ClientSampled :

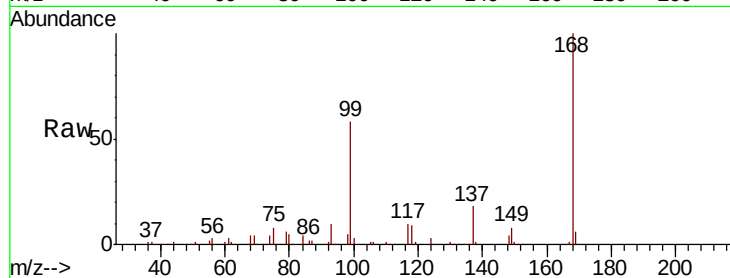
Tot Ion: 56 Resp: 3547

Ion Ratio Lower Upper

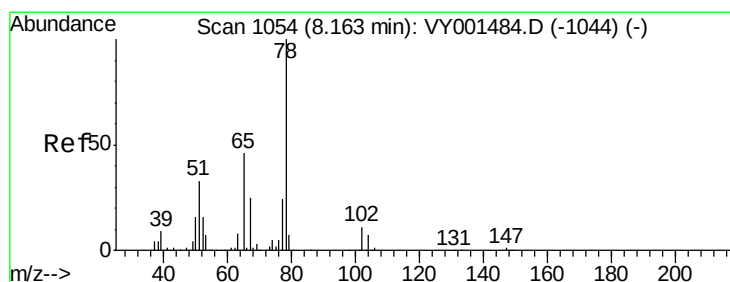
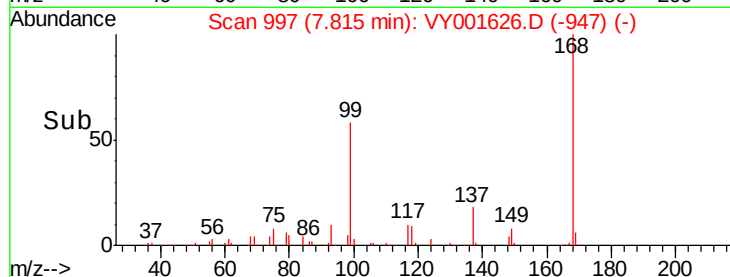
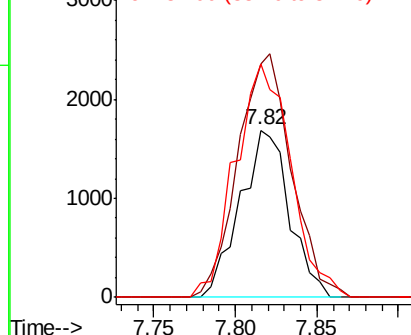
56 100

69 139.4 29.6 44.4#

84 139.7 73.6 110.4#



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: 57.658 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001626.D

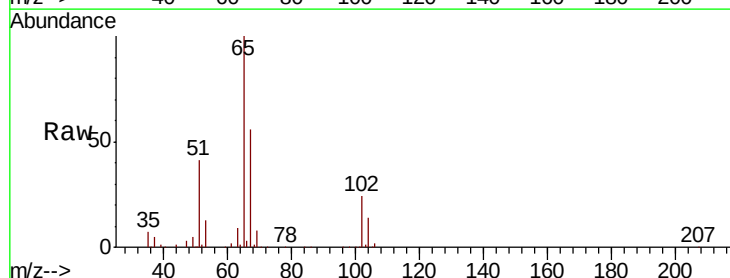
Acq: 13 Feb 2020 13:11

Tgt Ion: 65 Resp: 88446

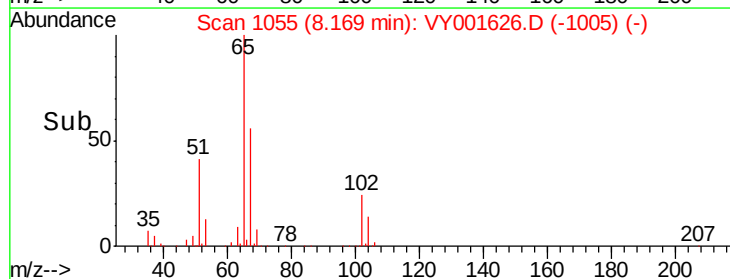
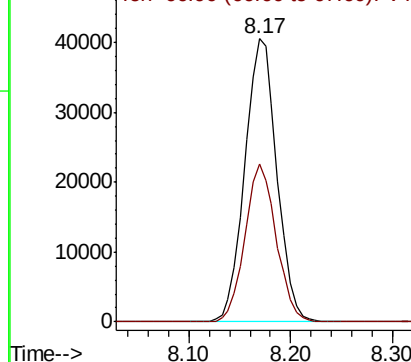
Ion Ratio Lower Upper

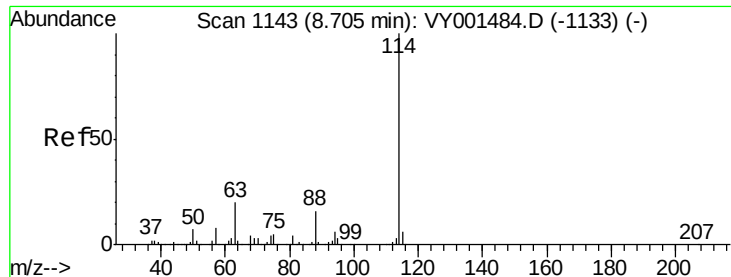
65 100

67 54.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

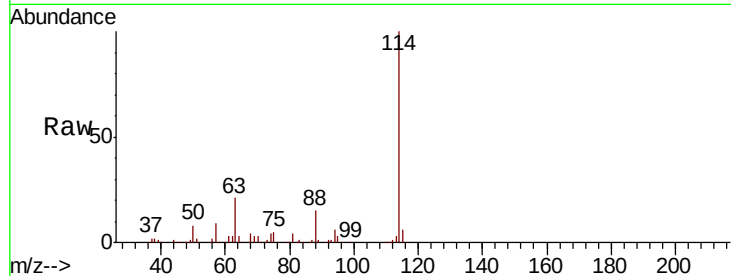




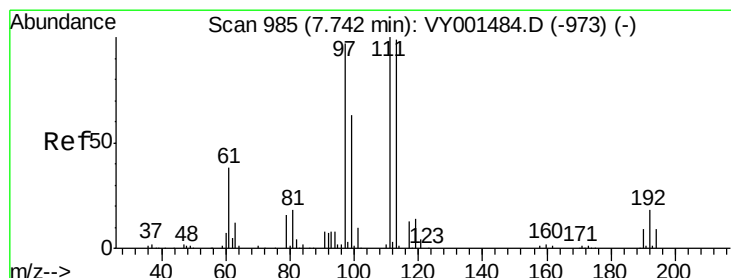
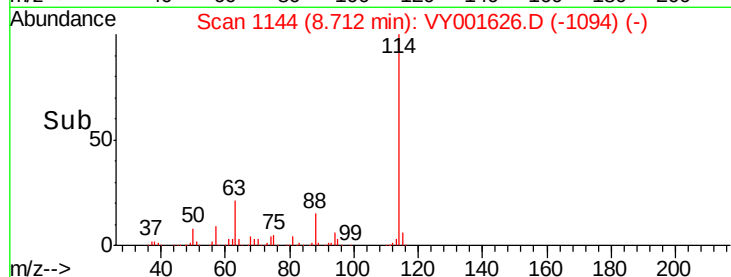
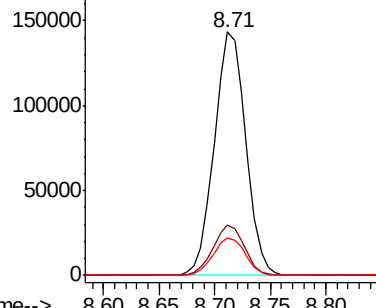
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001626.D
 Acq: 13 Feb 2020 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.8
88	15.3	0.0	32.6

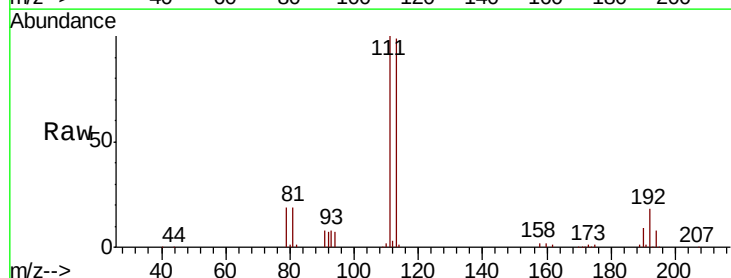


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

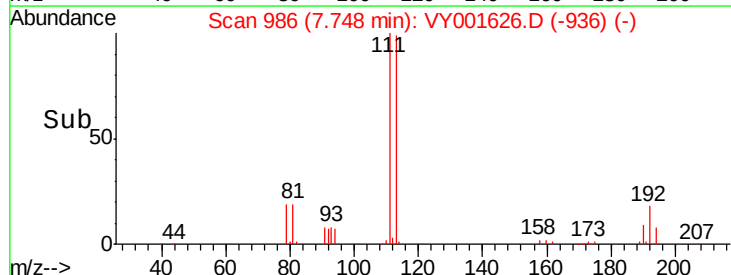
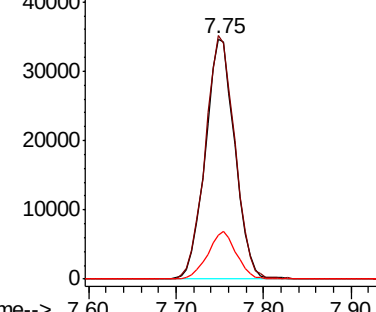


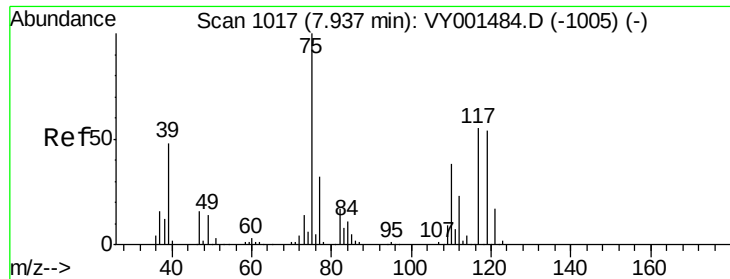
#35
 Dibromofluoromethane
 Concen: 49.935 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001626.D
 Acq: 13 Feb 2020 13:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	19.0	14.6	22.0



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

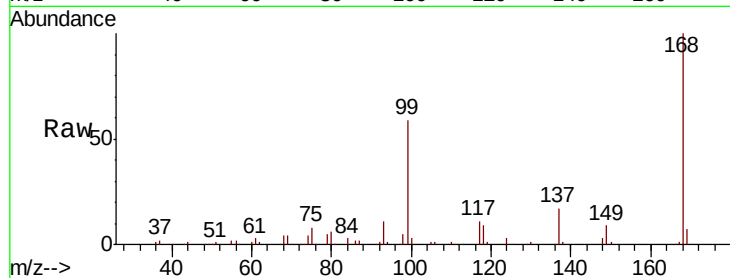




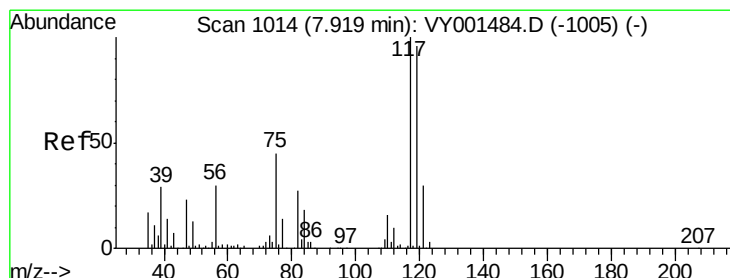
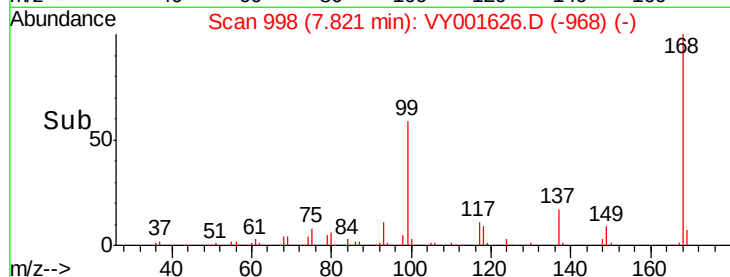
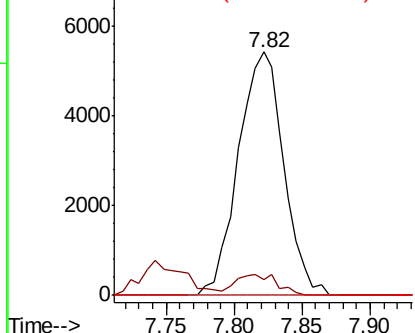
#36
 1,1-Dichloropropene
 Concen: 4.885 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001626.D
 Acq: 13 Feb 2020 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.2	54.6#
77	0.0	25.0	37.4#

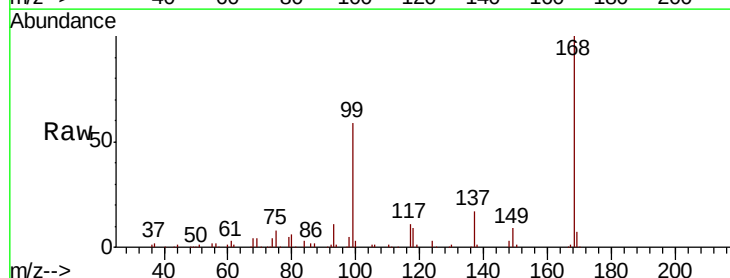


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

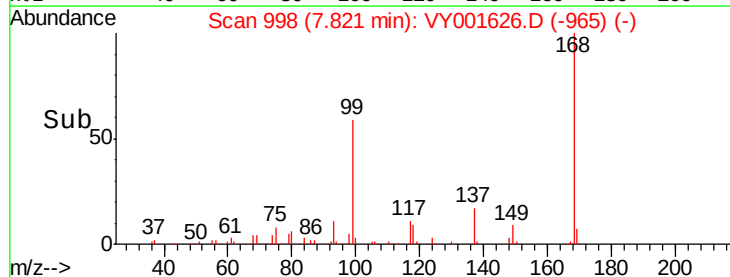
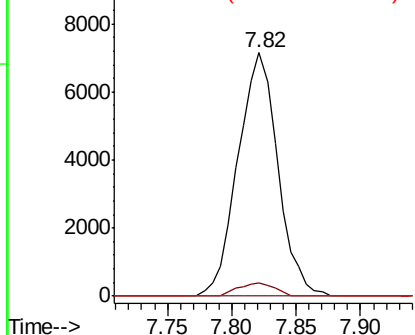


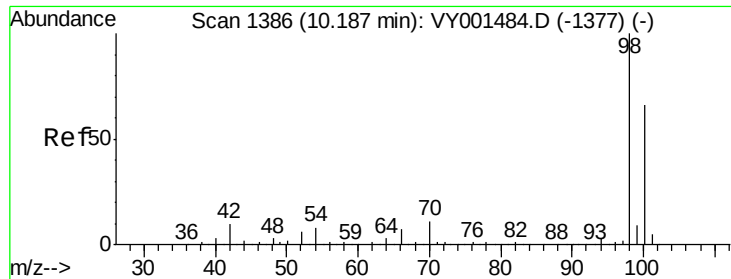
#38
 Carbon Tetrachloride
 Concen: 6.140 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001626.D
 Acq: 13 Feb 2020 13:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.4	114.6#
121	0.0	24.2	36.4#



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: 54.424 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001626.D

Acq: 13 Feb 2020 13:11

Instrument :

MSVOA_Y

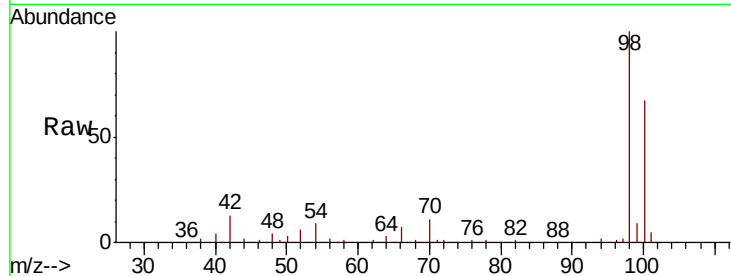
ClientSampled :

Tot Ion: 98 Resp: 334705

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001484.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001484.D (-1377) (-)

200000

150000

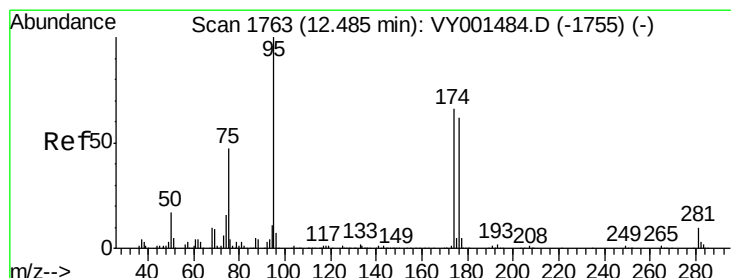
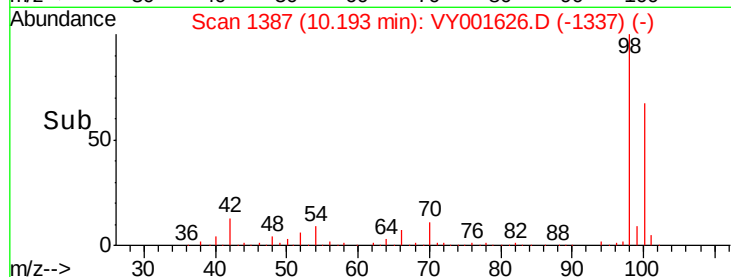
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 46.254 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001626.D

Acq: 13 Feb 2020 13:11

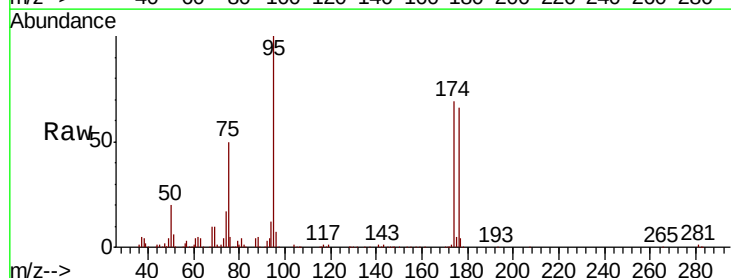
Tgt Ion: 95 Resp: 112062

Ion Ratio Lower Upper

95 100

174 73.5 0.0 141.4

176 71.2 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY001484.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001484.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001484.D (-1755) (-)

100000

80000

60000

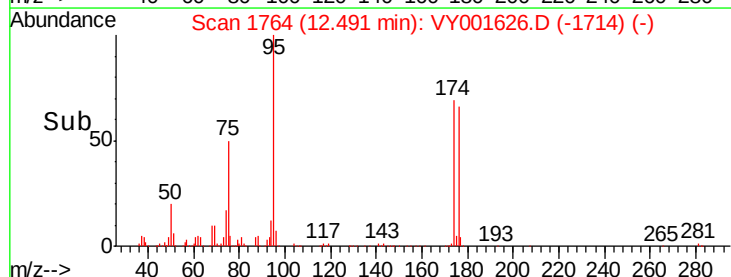
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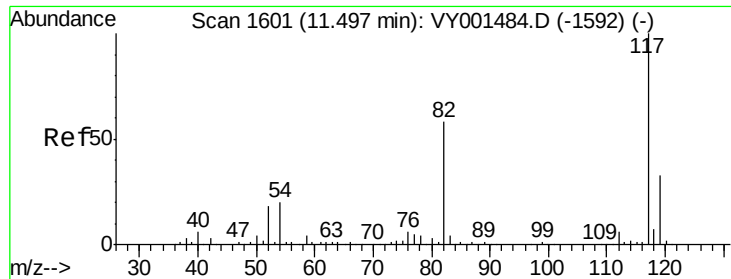
20000

0

12.40 12.45 12.50 12.55

Time-->

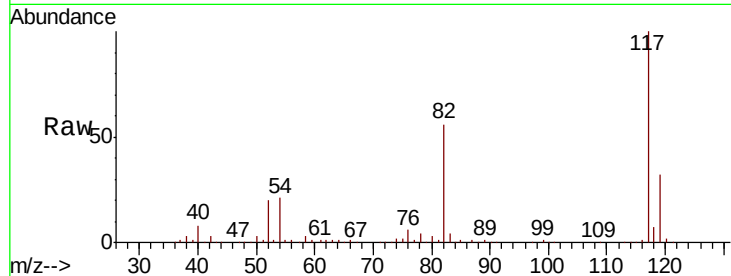




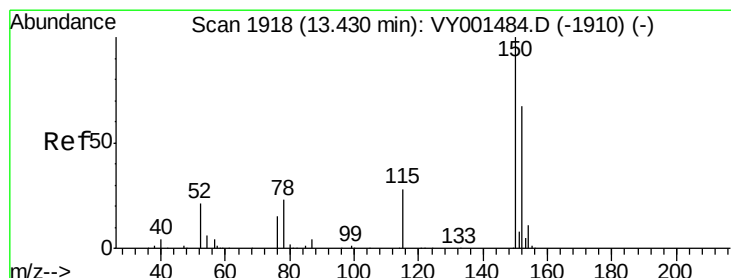
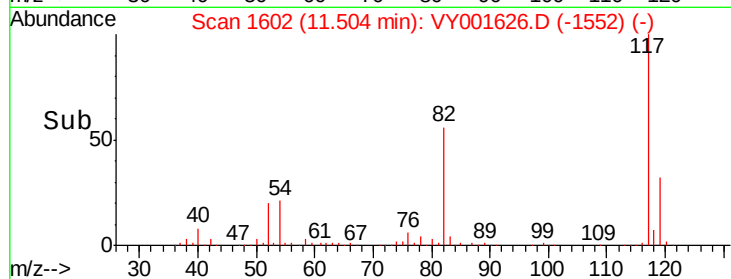
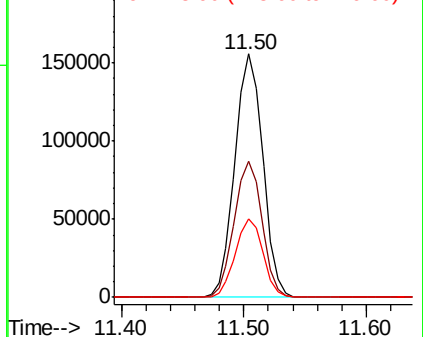
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001626.D
Acq: 13 Feb 2020 13:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 246550
Ion Ratio Lower Upper
117 100
82 56.2 46.1 69.1
119 32.0 26.1 39.1

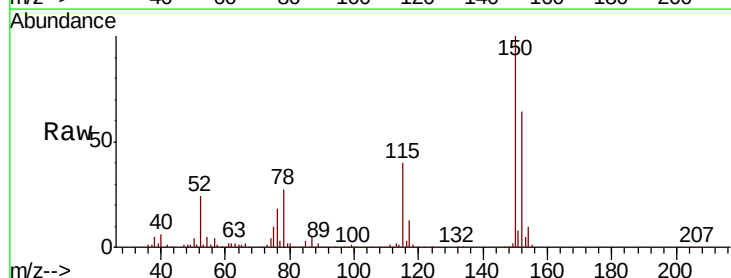


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

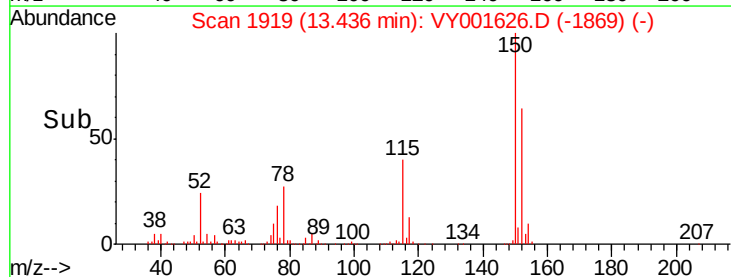
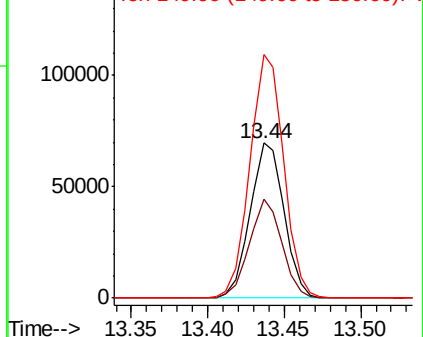


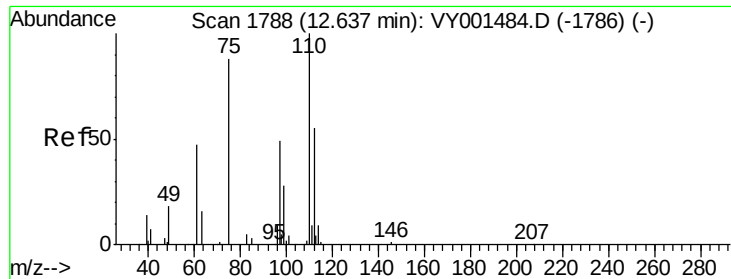
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001626.D
Acq: 13 Feb 2020 13:11

Tgt Ion:152 Resp: 107408
Ion Ratio Lower Upper
152 100
115 61.0 31.4 94.3
150 156.8 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: 49.140 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001626.D

Acq: 13 Feb 2020 13:11

Instrument :

MSVOA_Y

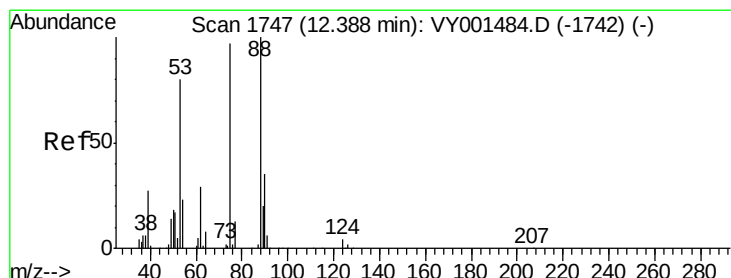
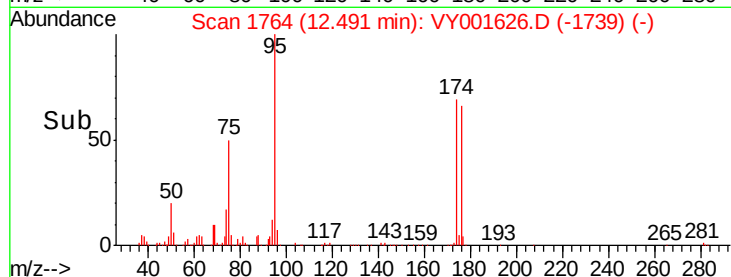
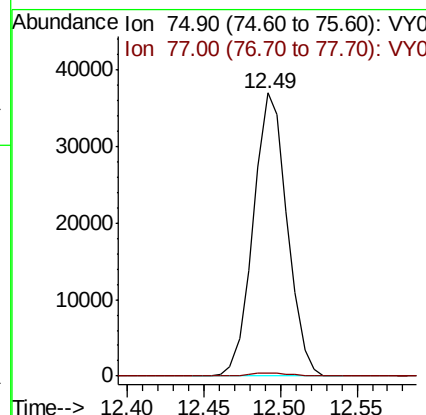
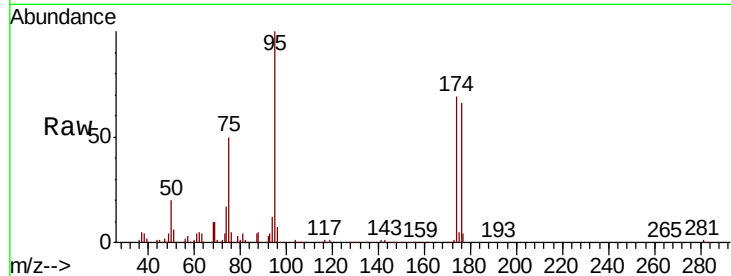
ClientSampleId :

Tot Ion: 75 Resp: 56760

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.083 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001626.D

Acq: 13 Feb 2020 13:11

Tgt Ion: 75 Resp: 56760

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.2 34.6 52.0#

