

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
 Data File : VY002638.D
 Acq On : 08 May 2020 13:30
 Operator : SY/MD
 Sample : L2557-05
 Misc : 6.90G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 03:45:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

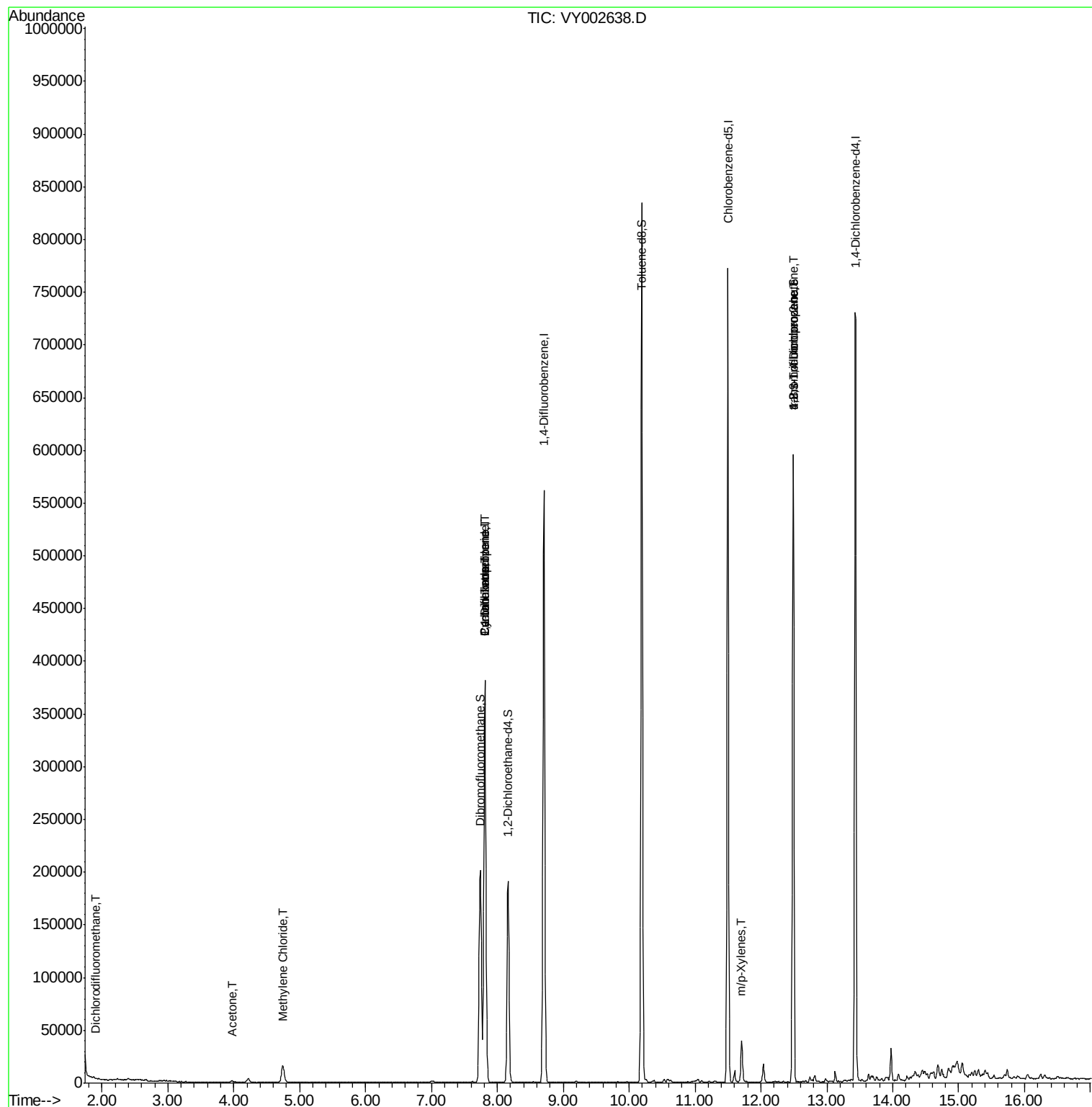
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	322604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	501786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	441809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	204926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	144627	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
35) Dibromofluoromethane	7.74	113	145349	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
50) Toluene-d8	10.19	98	581627	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.49	95	181941	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	105	1.822	ug/l #	43
16) Acetone	3.97	43	2615	4.671	ug/l	95
20) Methylene Chloride	4.74	84	12930	4.130	ug/l #	87
31) Cyclohexane	7.81	56	5057	1.037	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	20114	4.782	ug/l #	49
38) Carbon Tetrachloride	7.81	117	28663	6.241	ug/l #	15
68) m/p-Xylenes	11.71	106	13139	2.302	ug/l	97
76) 1,2,3-Trichloropropane	12.49	75	88871	48.800	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	88871	97.854	ug/l #	15

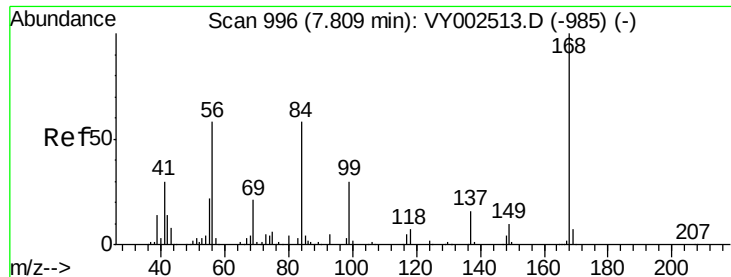
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002638.D

Acq: 08 May 2020 13:30

Instrument :

MSVOA_Y

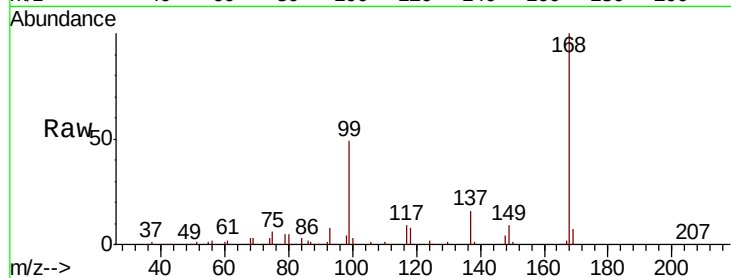
ClientSampleId :

Tot Ion:168 Resp: 322604

Ion Ratio Lower Upper

168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.81

150000

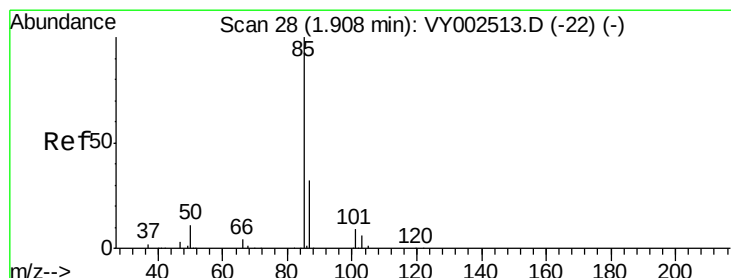
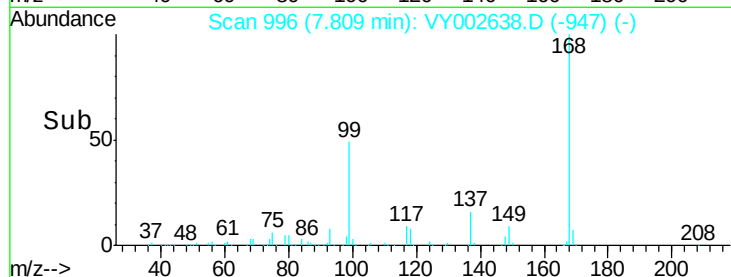
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 1.822 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002638.D

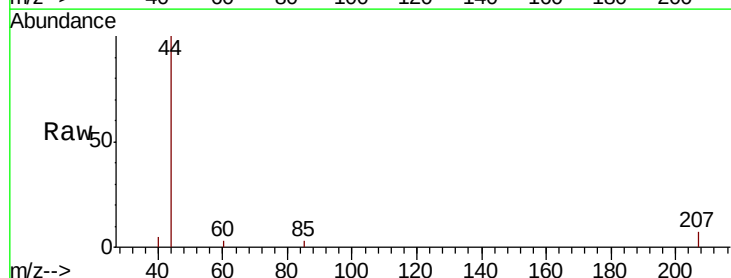
Acq: 08 May 2020 13:30

Tgt Ion: 85 Resp: 105

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

120

100

80

60

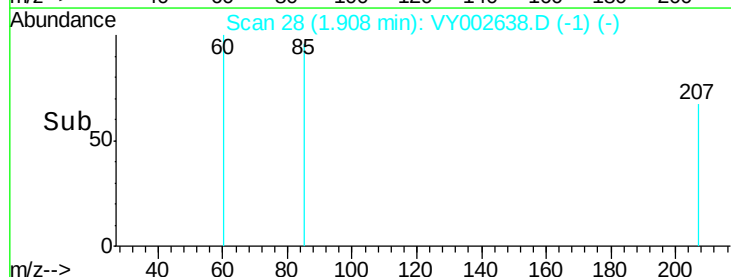
40

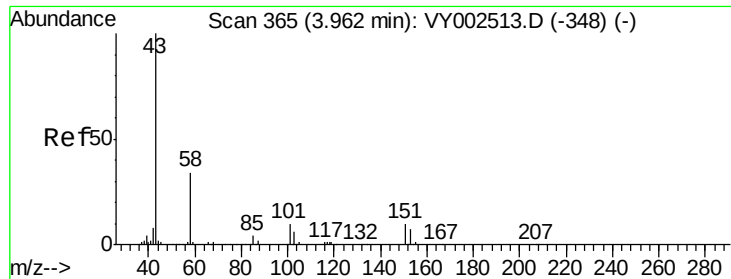
20

0

1.88 1.90 1.92

Time-->





#16

Acetone

Concen: 4.671 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002638.D

Acq: 08 May 2020 13:30

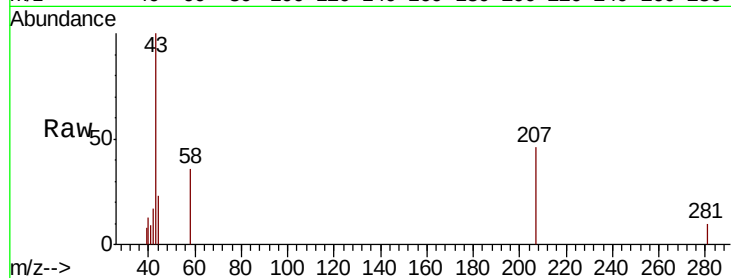
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 2615

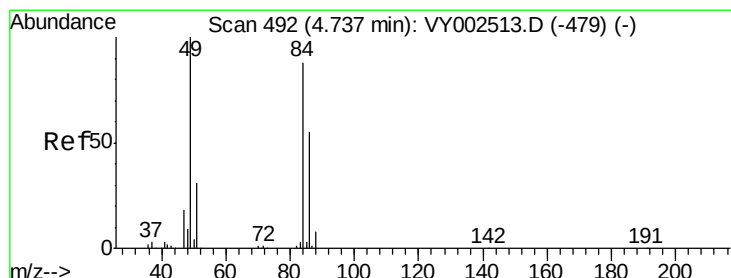
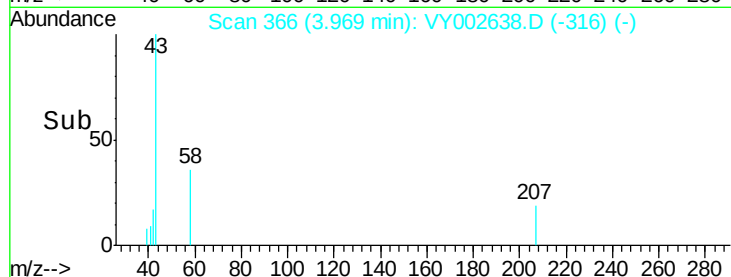
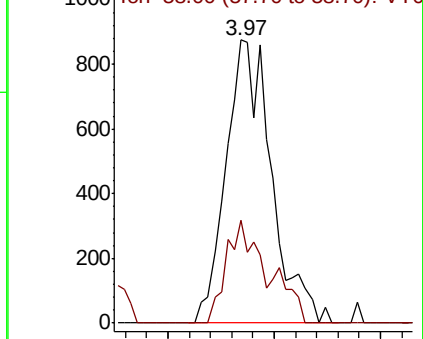
Ion Ratio Lower Upper

43 100

58 36.4 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 4.130 ug/l

RT: 4.74 min Scan# 493

Delta R.T. 0.01 min

Lab File: VY002638.D

Acq: 08 May 2020 13:30

Tgt Ion: 84 Resp: 12930

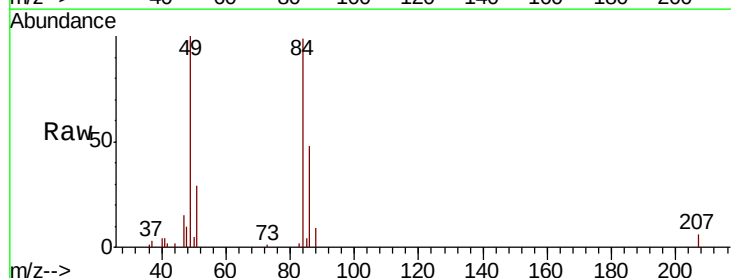
Ion Ratio Lower Upper

84 100

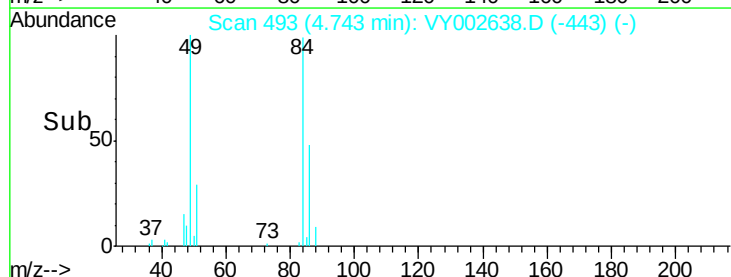
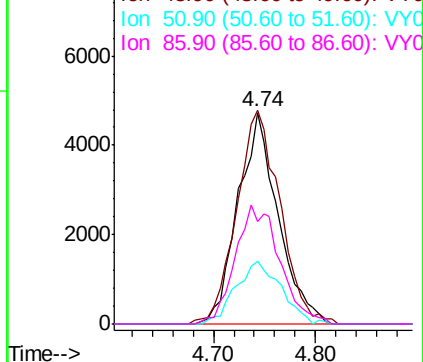
49 101.0 90.5 135.7

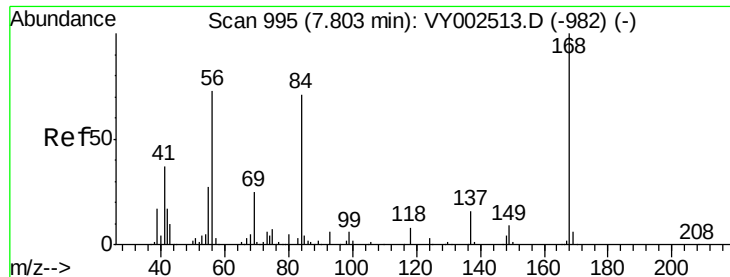
51 29.6 28.3 42.5

86 48.5 49.9 74.9#



Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0





#31

Cyclohexane

Concen: 1.037 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002638.D

Acq: 08 May 2020 13:30

Instrument :

MSVOA_Y

ClientSampleId :

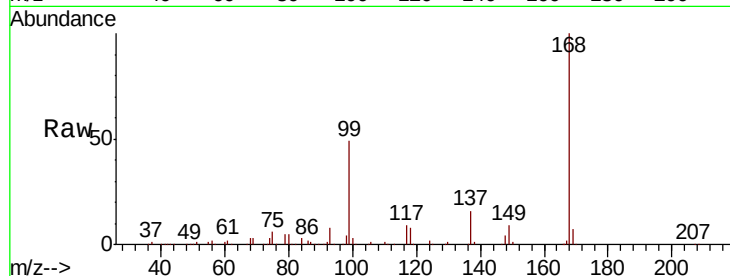
Tot Ion: 56 Resp: 5057

Ion Ratio Lower Upper

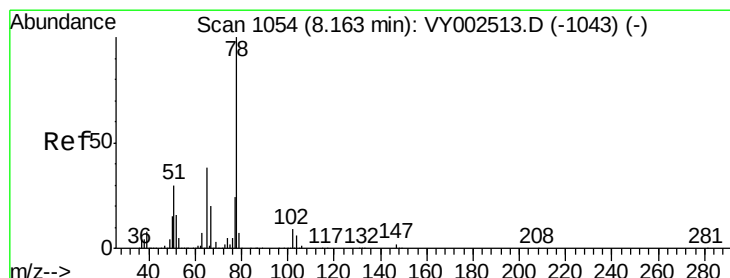
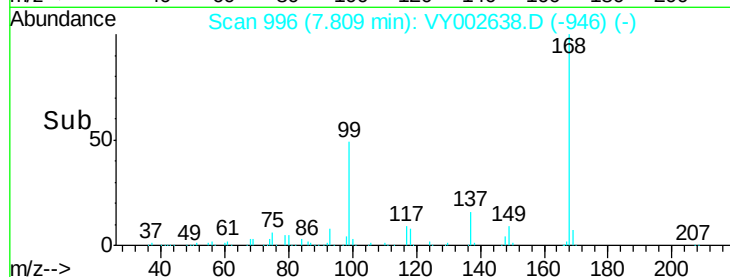
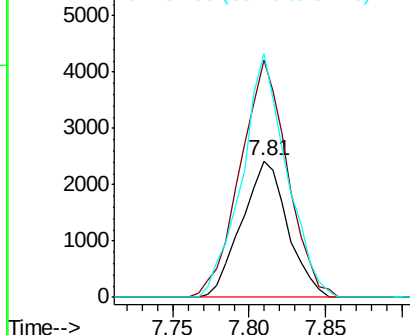
56 100

69 174.2 27.6 41.4#

84 178.8 77.7 116.5#



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: 53.318 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY002638.D

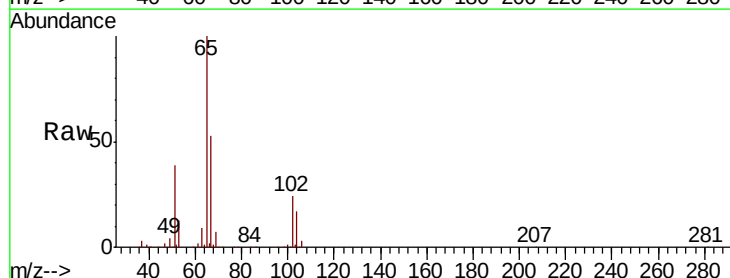
Acq: 08 May 2020 13:30

Tgt Ion: 65 Resp: 144627

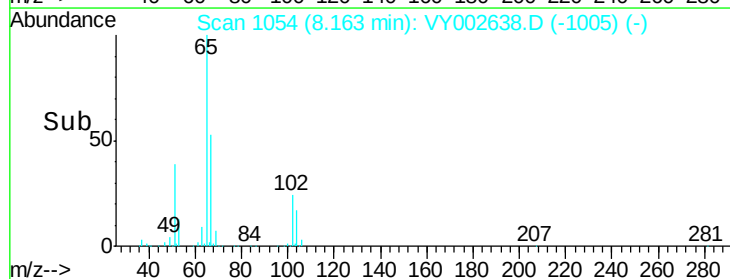
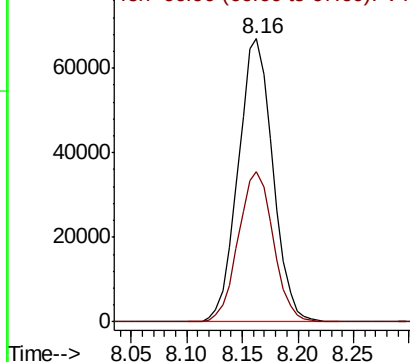
Ion Ratio Lower Upper

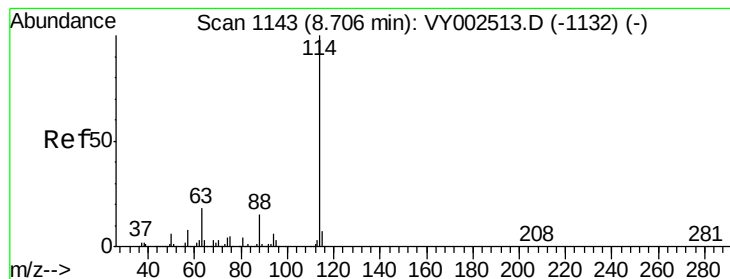
65 100

67 53.6 0.0 107.2



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. -0.00 min

Lab File: VY002638.D

Acq: 08 May 2020 13:30

Instrument :

MSVOA_Y

ClientSampleId :

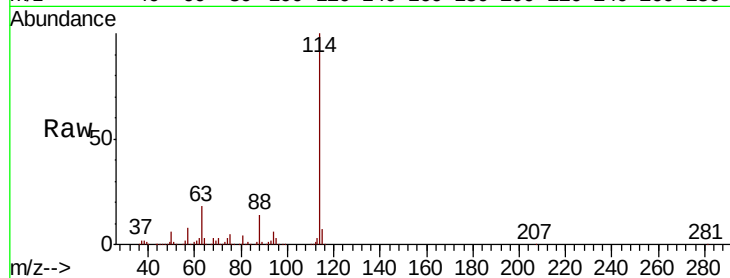
Tot Ion:114 Resp: 501786

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.4

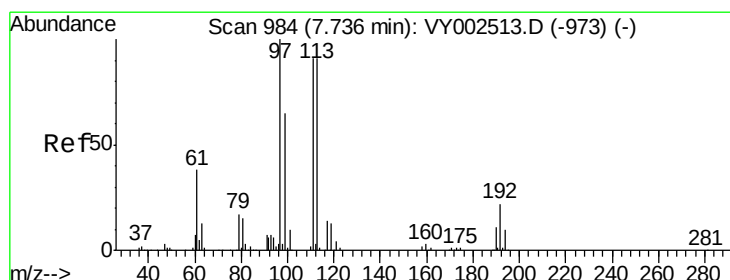
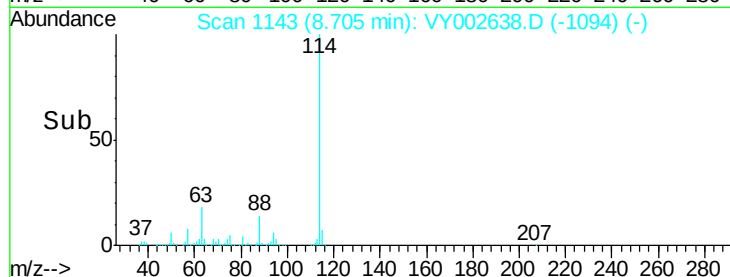
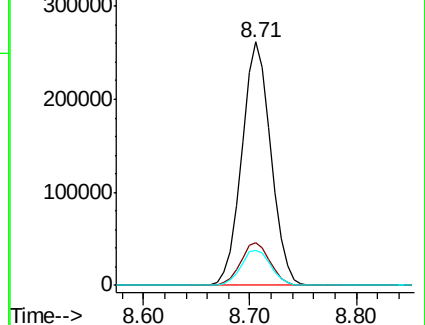
88 14.1 0.0 29.6



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: 50.649 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002638.D

Acq: 08 May 2020 13:30

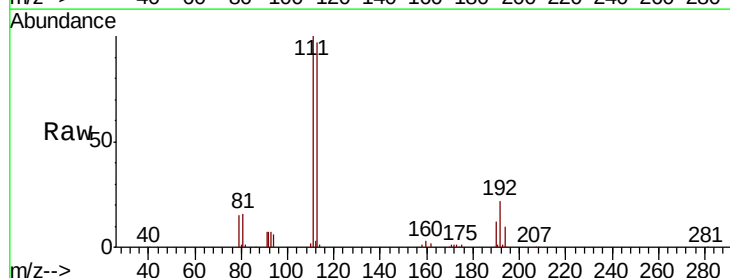
Tgt Ion:113 Resp: 145349

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

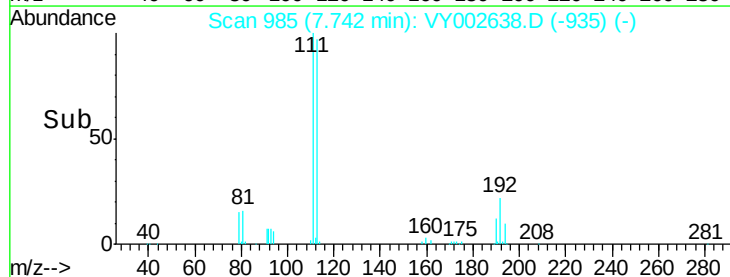
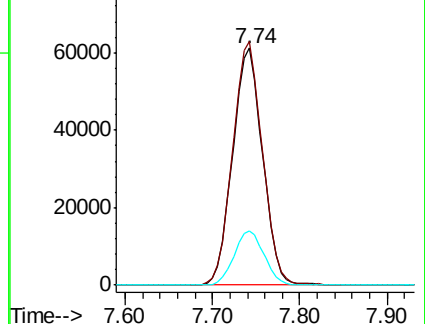
192 23.1 18.2 27.4

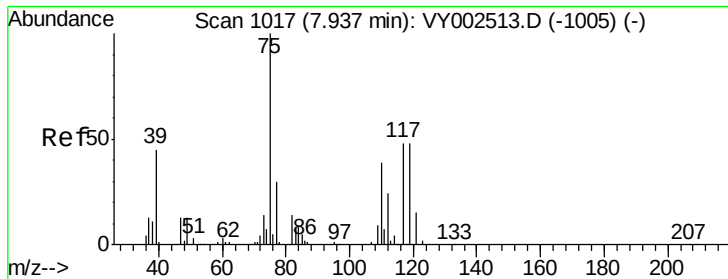


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

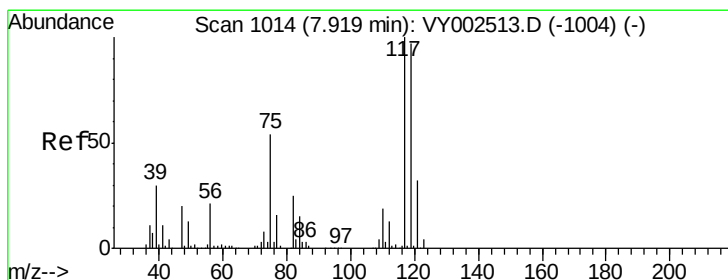
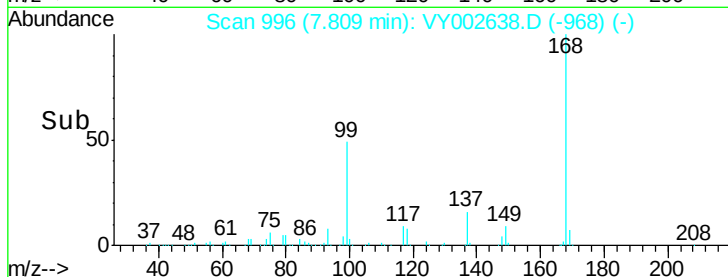
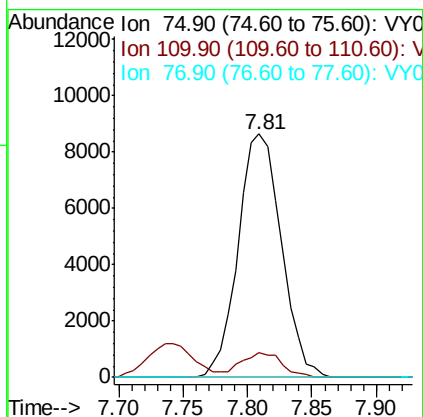
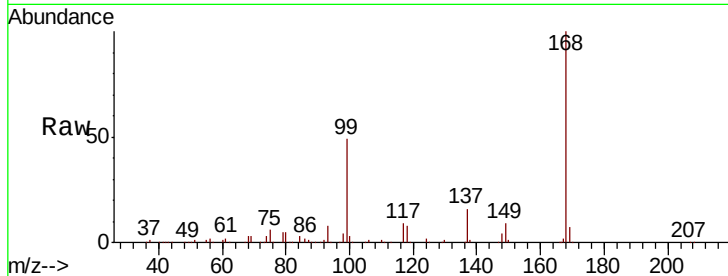




#36
 1,1-Dichloropropene
 Concen: 4.782 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002638.D
 Acq: 08 May 2020 13:30

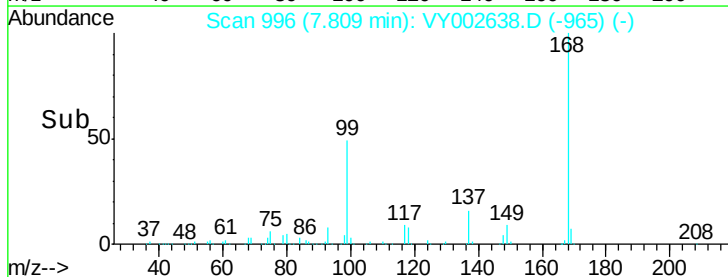
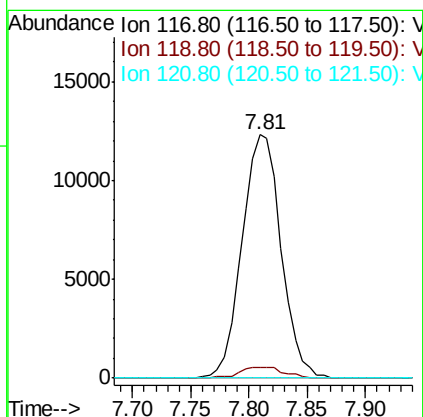
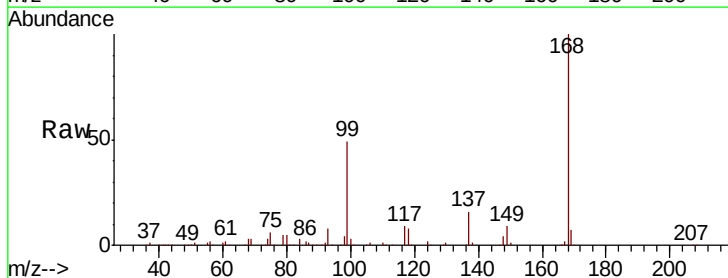
Instrument :
 MSVOA_Y
 ClientSampleId :

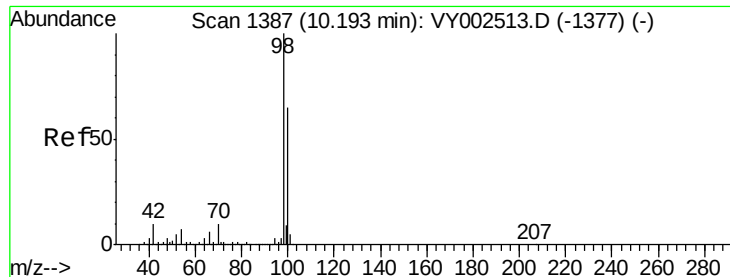
Tot Ion	75	Resp	20114
Ion Ratio	100	Lower	Upper
75	100		
110	9.7	19.1	57.3#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.241 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.11 min
 Lab File: VY002638.D
 Acq: 08 May 2020 13:30

Tgt Ion	117	Resp	28663
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.6	77.1	115.7#
121	0.0	25.2	37.8#





#50

Toluene-d8

Concen: 51.900 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002638.D

Acq: 08 May 2020 13:30

Instrument :

MSVOA_Y

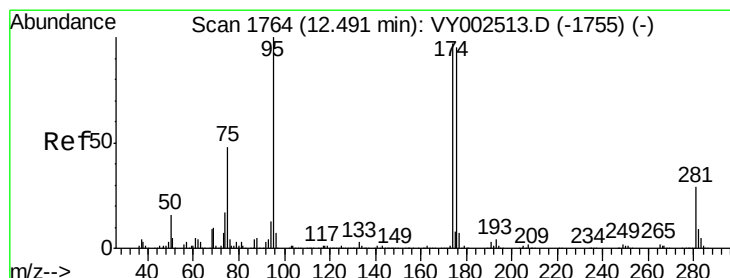
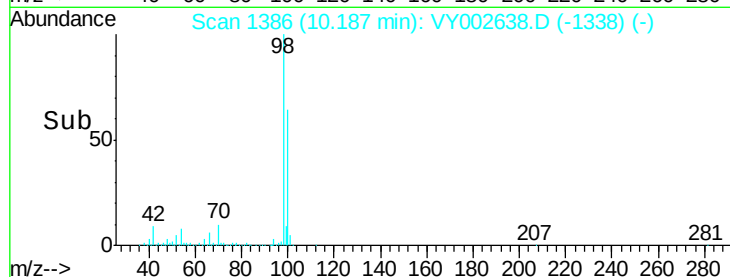
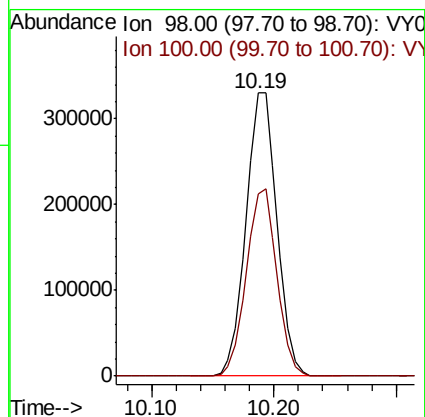
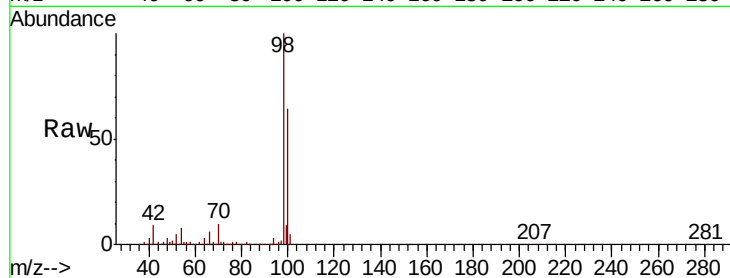
ClientSampleId :

Tot Ion: 98 Resp: 581627

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.845 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002638.D

Acq: 08 May 2020 13:30

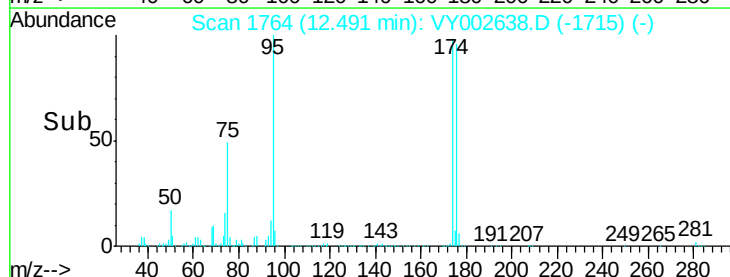
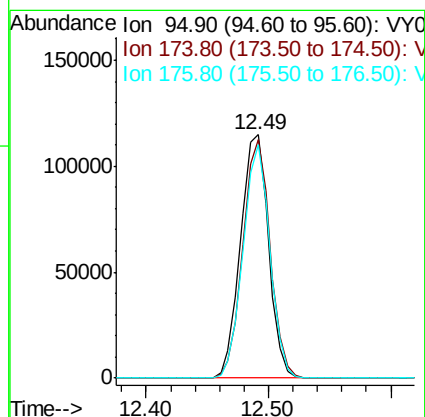
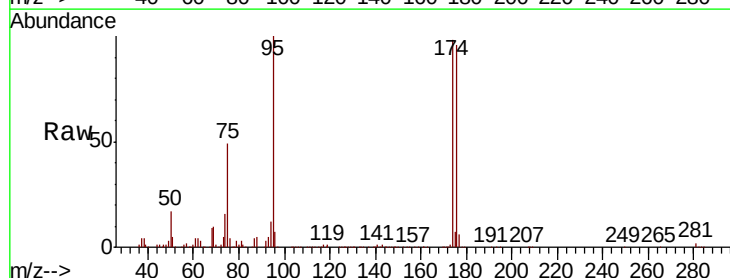
Tgt Ion: 95 Resp: 181941

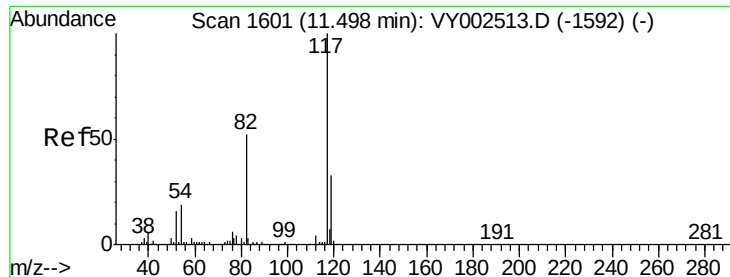
Ion Ratio Lower Upper

95 100

174 95.3 0.0 188.8

176 91.8 0.0 183.2

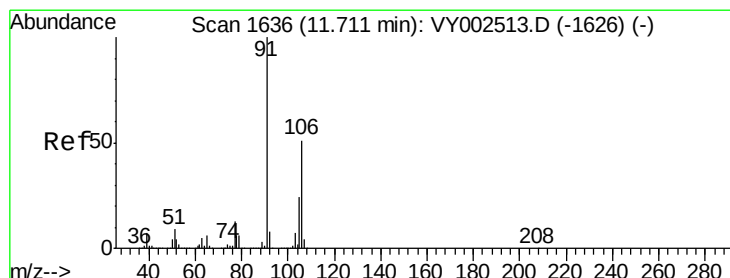
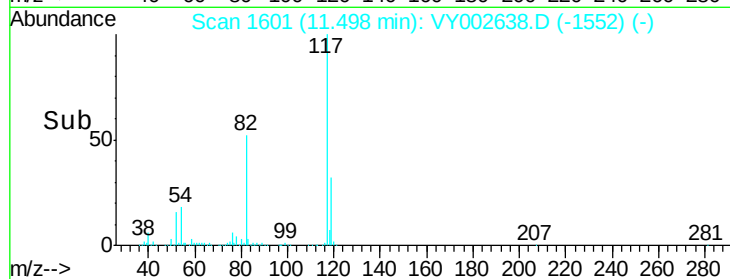
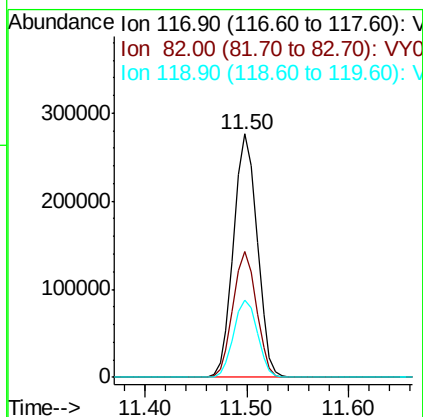
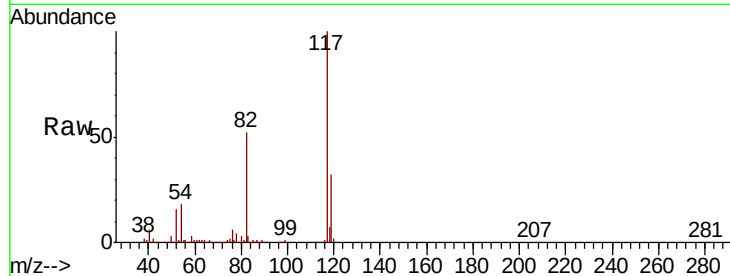




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002638.D
Acq: 08 May 2020 13:30

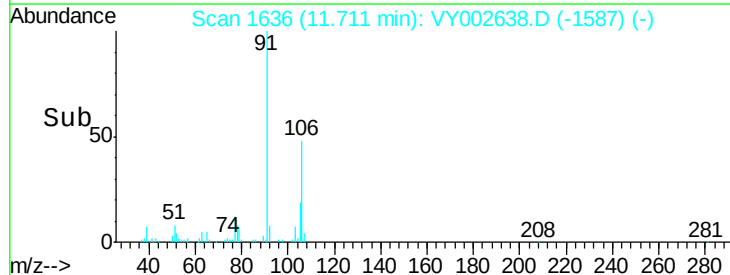
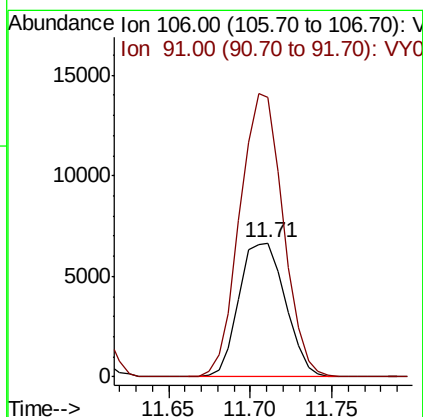
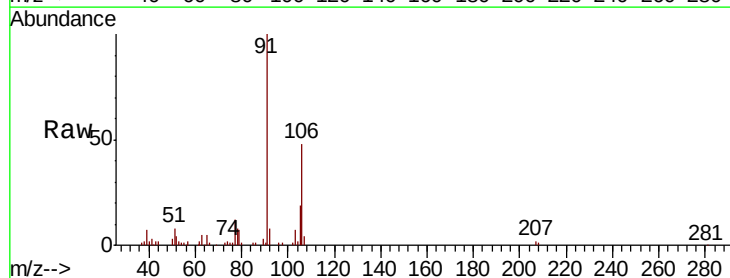
Instrument :
MSVOA_Y
ClientSampleId :

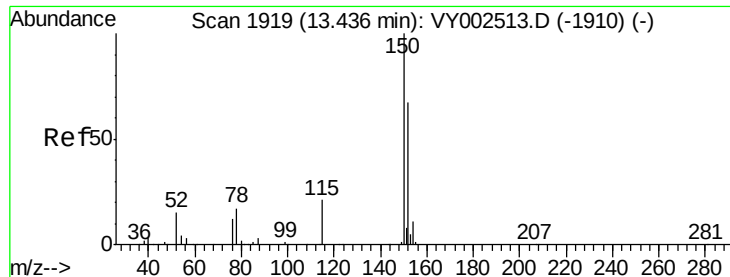
Tot Ion:117 Resp: 441809
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 31.8 26.0 39.0



#68
m/p-Xylenes
Concen: 2.302 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002638.D
Acq: 08 May 2020 13:30

Tgt Ion:106 Resp: 13139
Ion Ratio Lower Upper
106 100
91 198.4 155.2 232.8



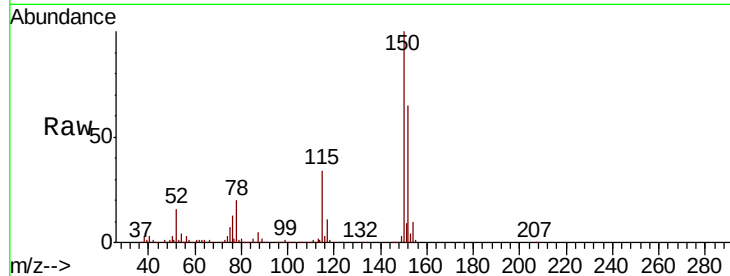


#72

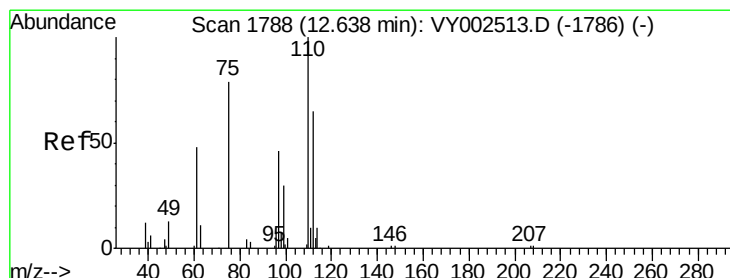
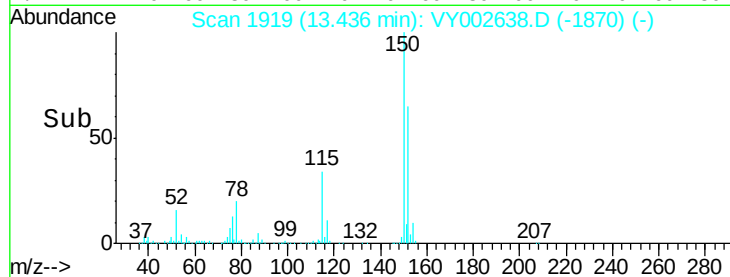
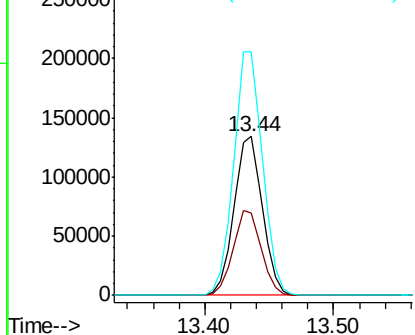
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002638.D
Acq: 08 May 2020 13:30

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.4	27.5	82.4
150	156.3	0.0	346.4



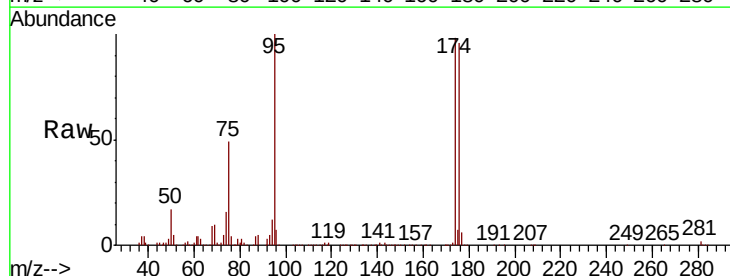
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



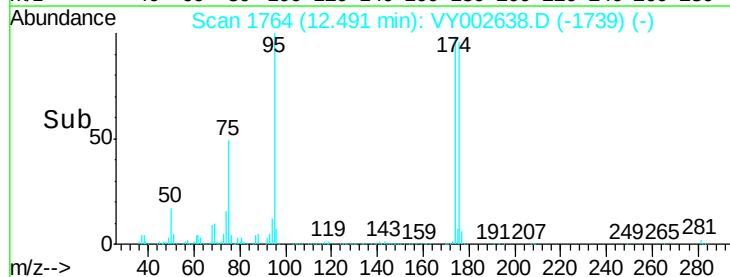
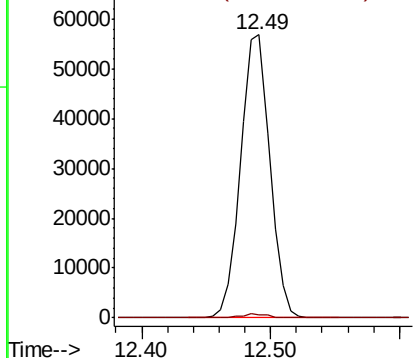
#76

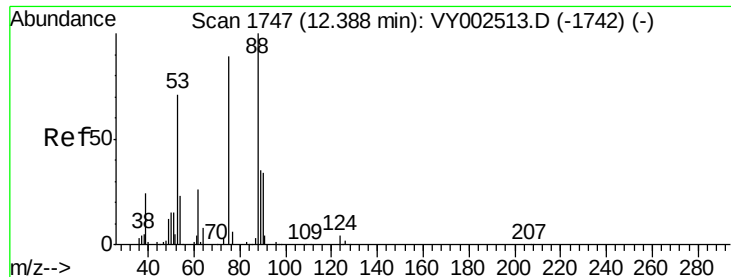
1,2,3-Trichloropropane
Concen: 48.800 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002638.D
Acq: 08 May 2020 13:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0

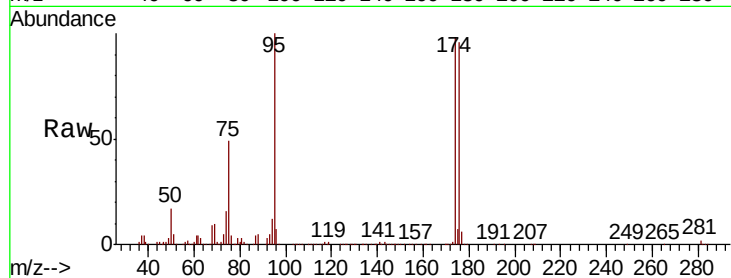




#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.854 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY002638.D
 Acq: 08 May 2020 13:30

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 88871
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.1 37.4 56.0#



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

