

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001546.D
 Acq On : 06 Feb 2020 21:01
 Operator : SY/MD
 Sample : L1403-04
 Misc : 13.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 04:10:38 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	156368	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	289139	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	275433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	132746	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	97958	62.22	ug/l	0.01
Spiked Amount			Recovery	=	124.44%	
35) Dibromofluoromethane	7.75	113	86793	52.06	ug/l	0.01
Spiked Amount			Recovery	=	104.12%	
50) Toluene-d8	10.20	98	344794	54.66	ug/l	0.01
Spiked Amount			Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.49	95	133891	53.88	ug/l	0.00
Spiked Amount			Recovery	=	107.76%	

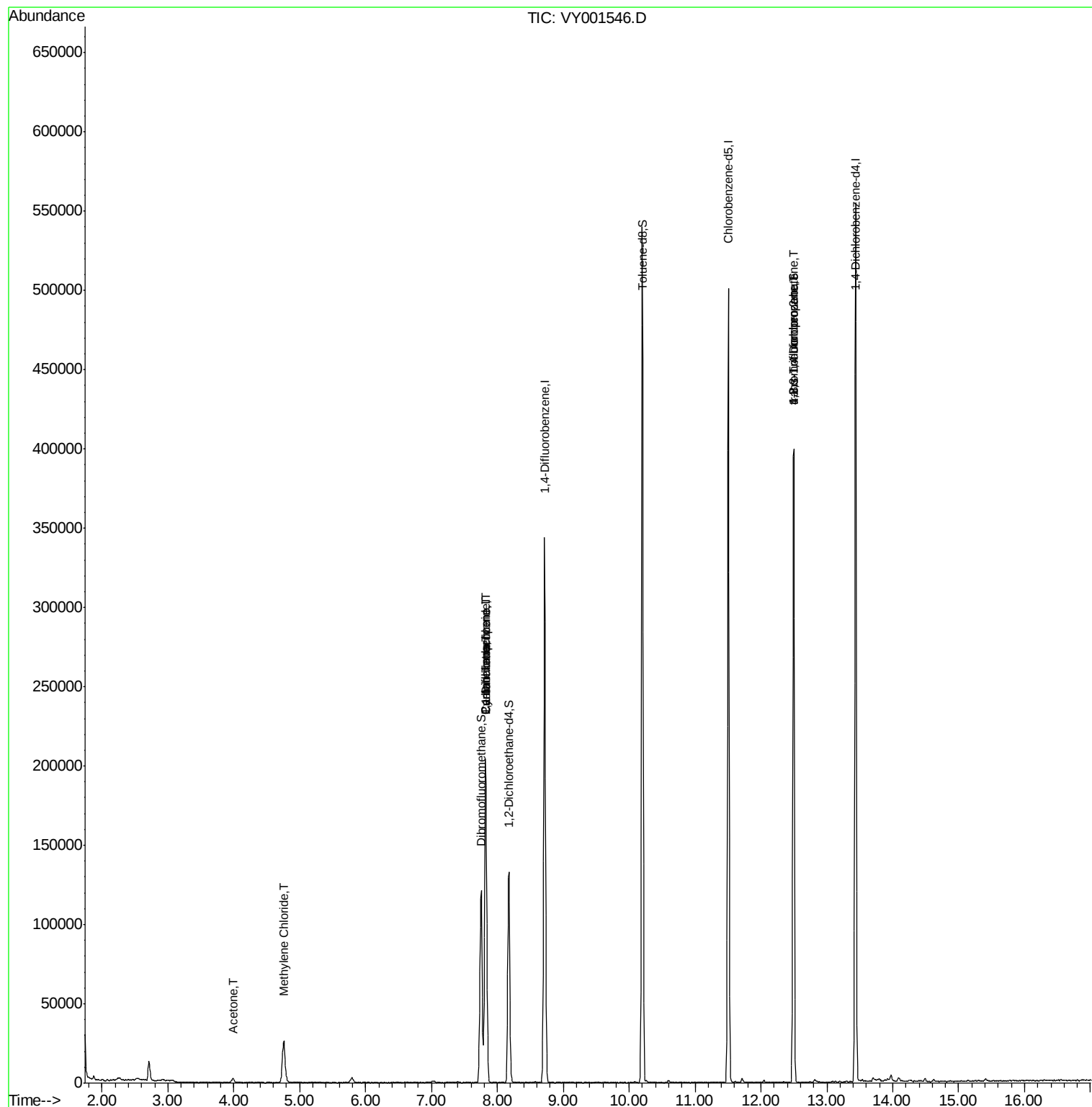
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.98	59	45	Below Cal	#	76
16) Acetone	3.99	43	4829	10.604	ug/l	100
20) Methylene Chloride	4.76	84	19573	6.903	ug/l	95
31) Cyclohexane	7.83	56	3595	1.173	ug/l	# 50
36) 1,1-Dichloropropene	7.82	75	12358	4.672	ug/l	# 48
38) Carbon Tetrachloride	7.82	117	15180	5.932	ug/l	# 16
76) 1,2,3-Trichloropropane	12.49	75	67639	47.381	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	67639	91.680	ug/l	# 16

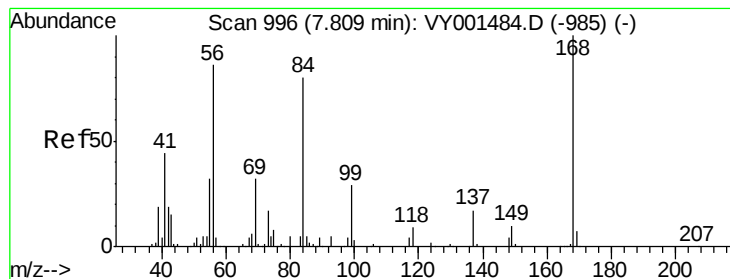
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001546.D

Acq: 06 Feb 2020 21:01

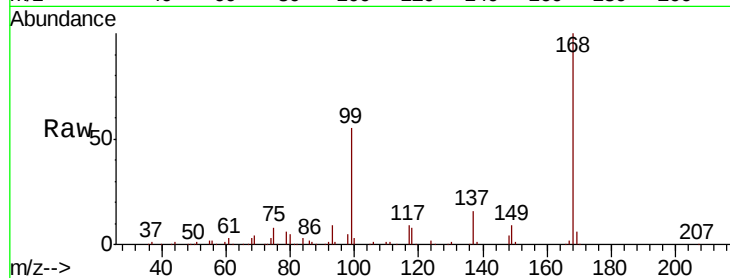
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 156368

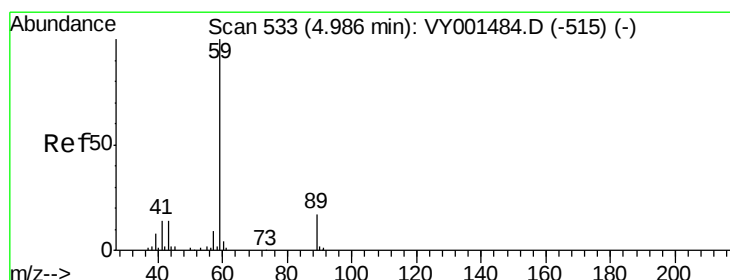
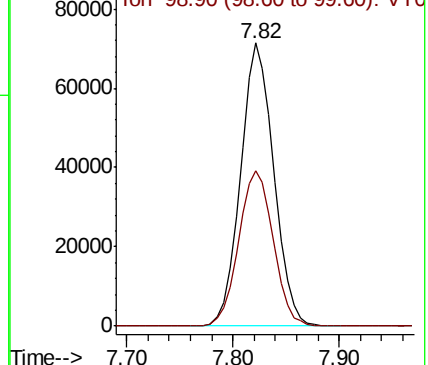
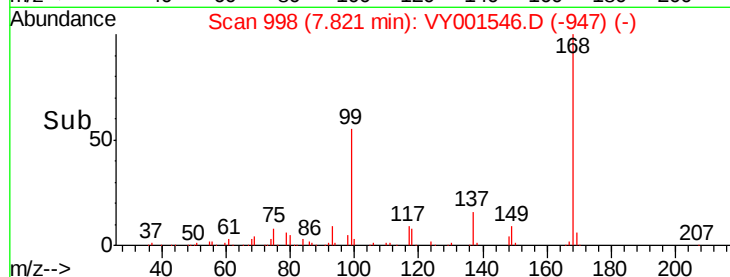
Ion Ratio Lower Upper

168 100

99 54.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001546.D (-947) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.98 min Scan# 532

Delta R.T. -0.01 min

Lab File: VY001546.D

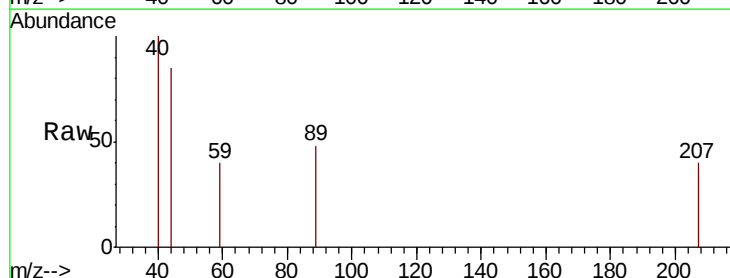
Acq: 06 Feb 2020 21:01

Tgt Ion: 59 Resp: 45

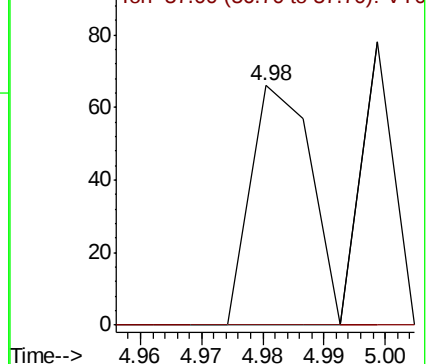
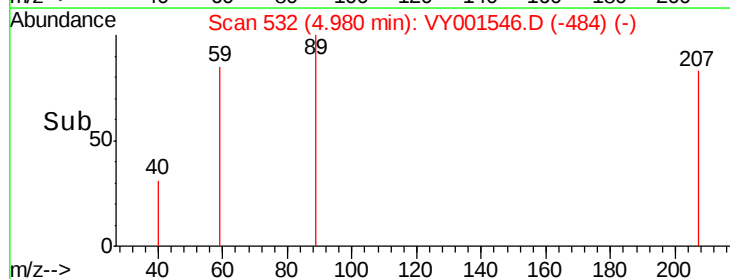
Ion Ratio Lower Upper

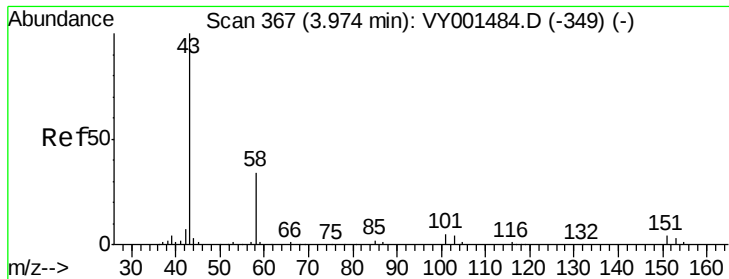
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001546.D (-484) (-)

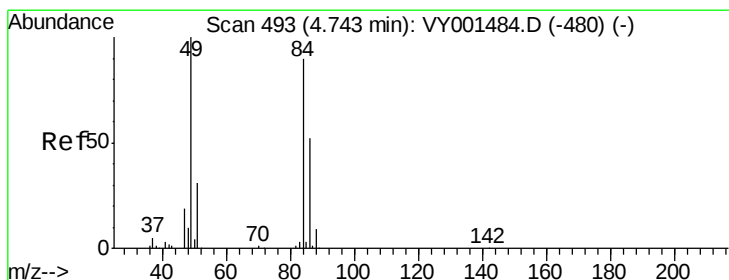
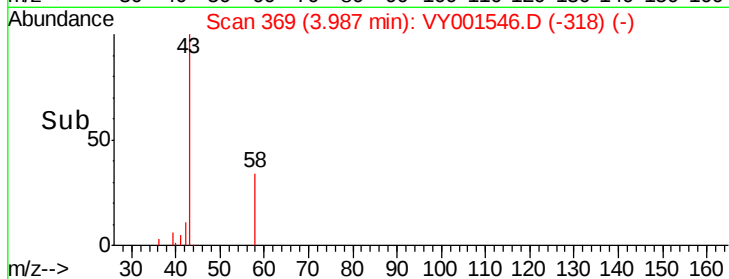
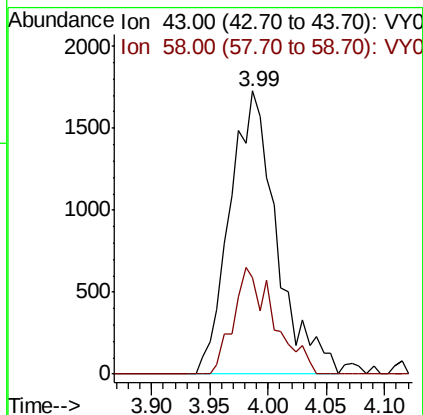
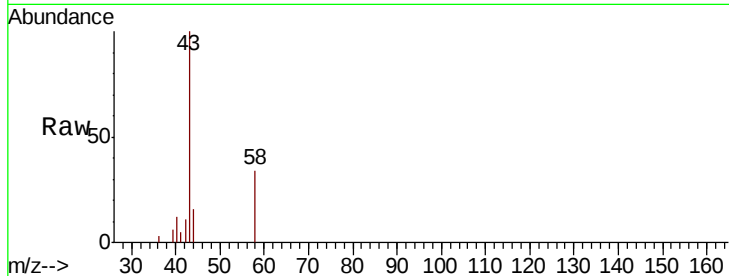




#16
Acetone
Concen: 10.604 ug/l
RT: 3.99 min Scan# 369
Delta R.T. 0.01 min
Lab File: VY001546.D
Acq: 06 Feb 2020 21:01

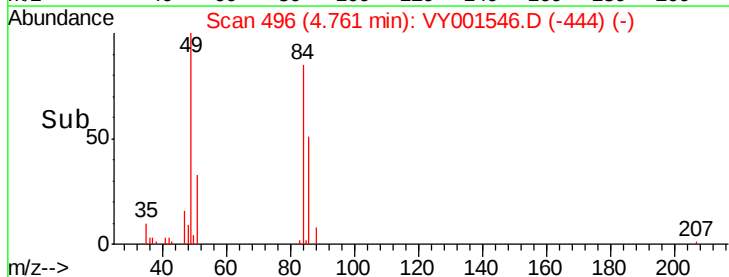
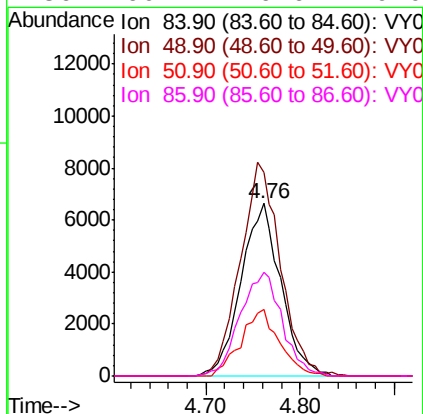
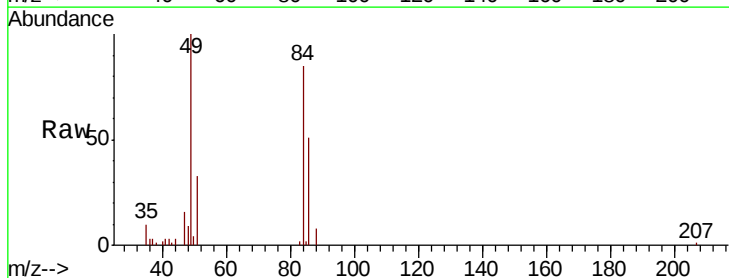
Instrument :
MSVOA_Y
ClientSampleId :

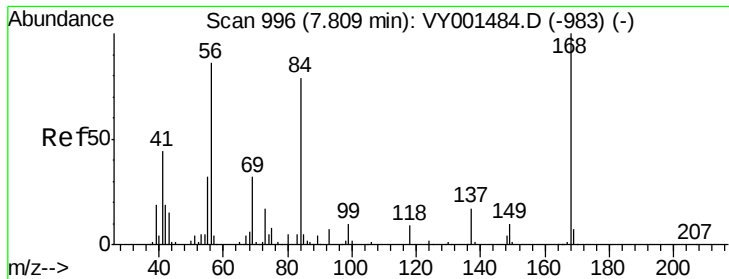
Tot Ion: 43 Resp: 4829
Ion Ratio Lower Upper
43 100
58 34.2 27.5 41.3



#20
Methylene Chloride
Concen: 6.903 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.02 min
Lab File: VY001546.D
Acq: 06 Feb 2020 21:01

Tgt Ion: 84 Resp: 19573
Ion Ratio Lower Upper
84 100
49 118.0 89.0 133.6
51 38.5 27.4 41.2
86 60.2 46.6 70.0

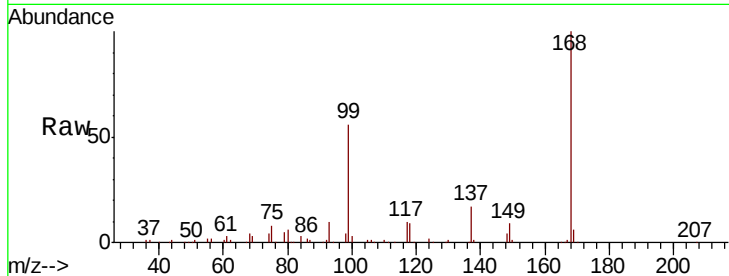




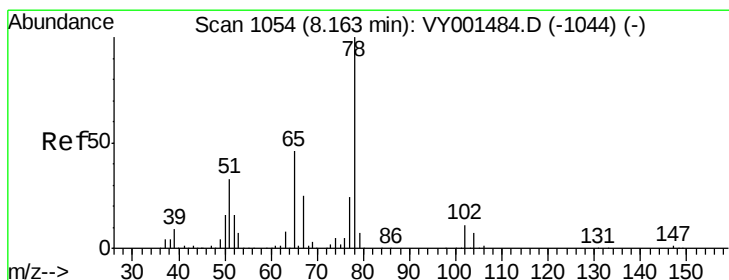
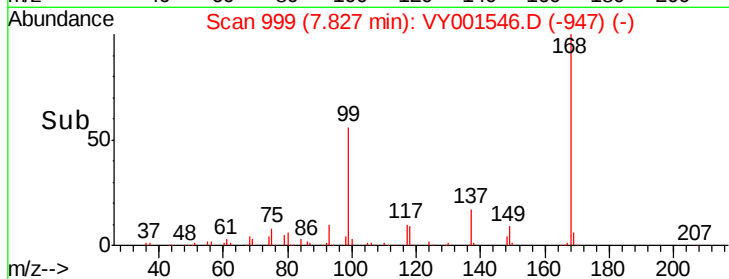
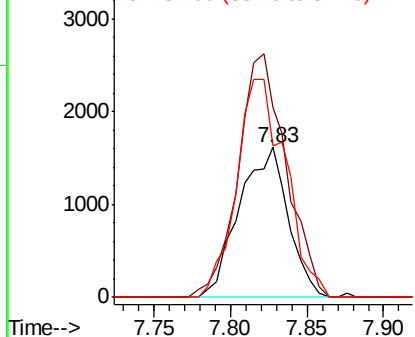
#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.83 min Scan# 999
Delta R.T. 0.02 min
Lab File: VY001546.D
Acq: 06 Feb 2020 21:01

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 3595
Ion Ratio Lower Upper
56 100
69 126.5 29.6 44.4#
84 101.4 73.6 110.4

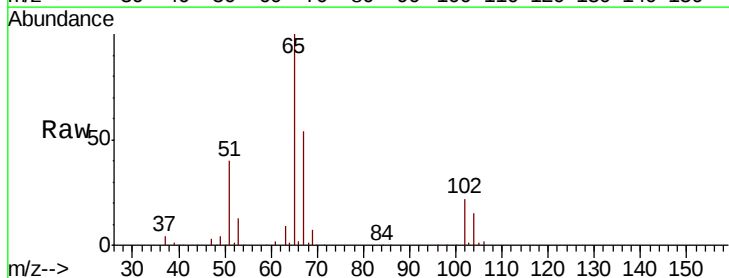


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

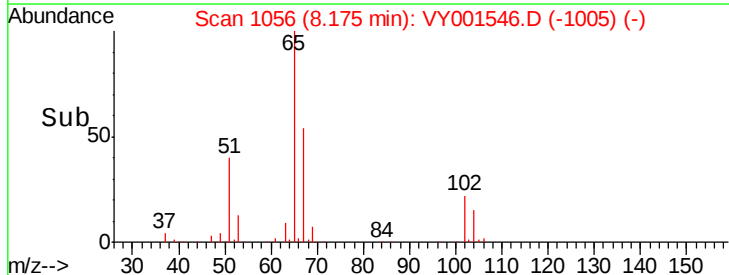
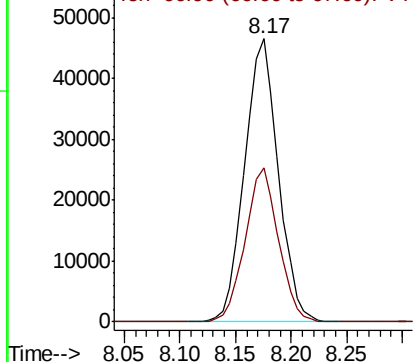


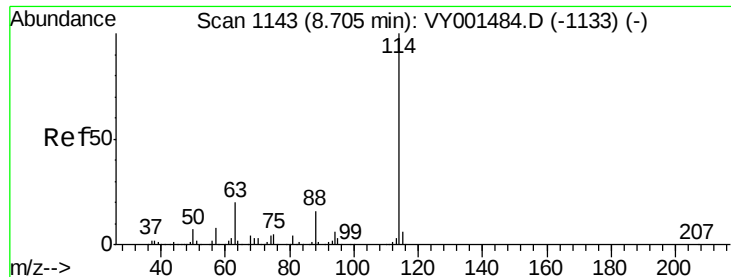
#33
1,2-Dichloroethane-d4
Concen: 62.219 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY001546.D
Acq: 06 Feb 2020 21:01

Tgt Ion: 65 Resp: 97958
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.6



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

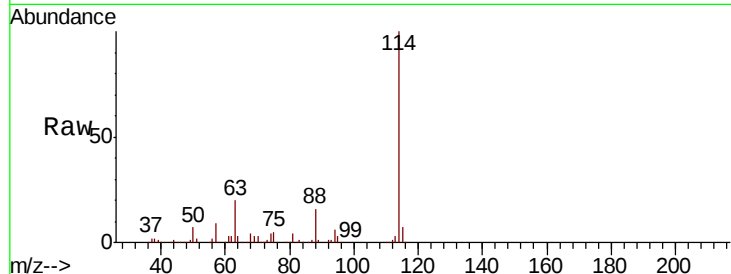




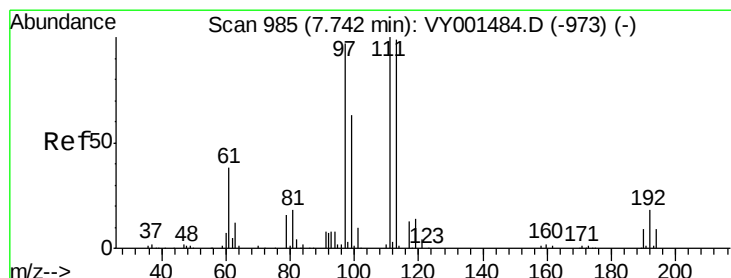
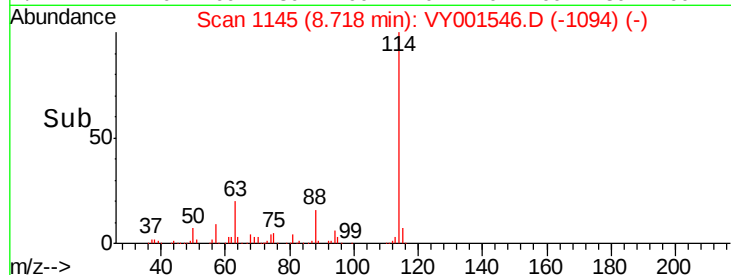
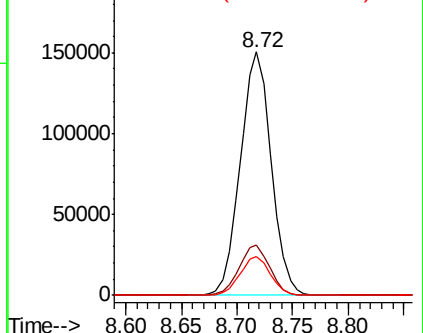
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001546.D
 Acq: 06 Feb 2020 21:01

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.8
88	15.7	0.0	32.6

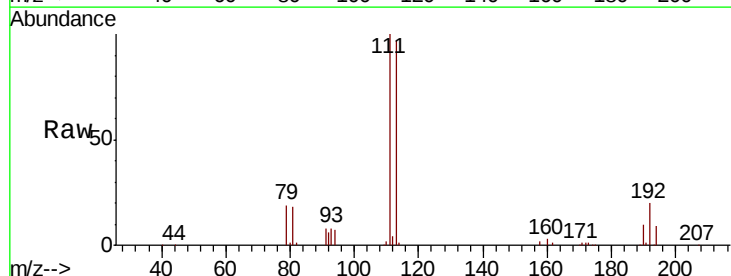


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

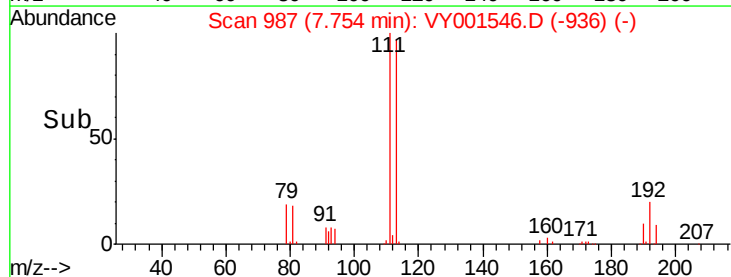
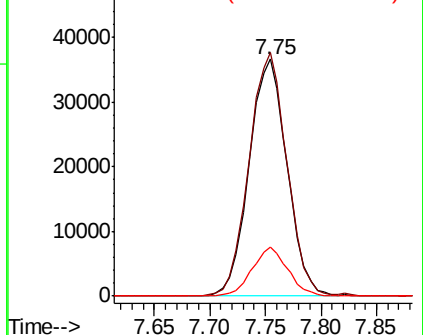


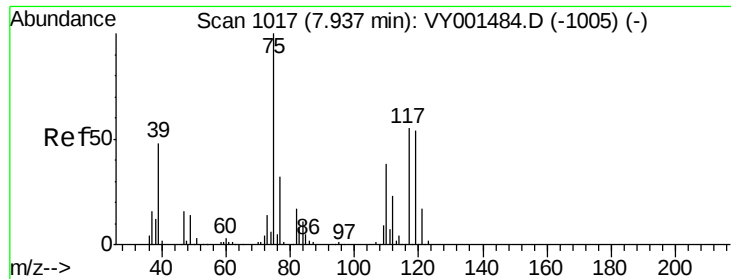
#35
 Dibromofluoromethane
 Concen: 52.056 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001546.D
 Acq: 06 Feb 2020 21:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	19.3	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

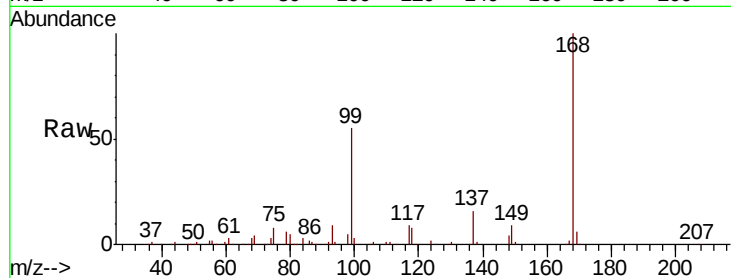




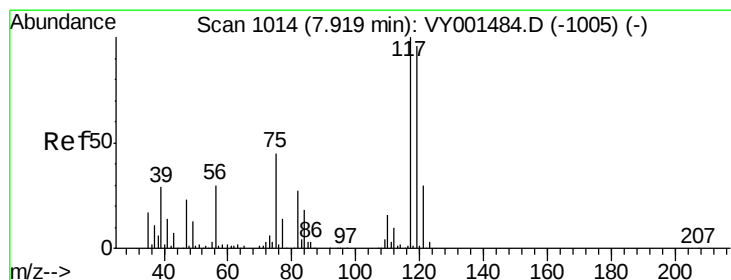
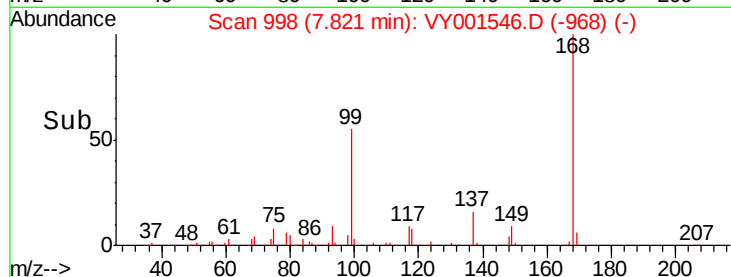
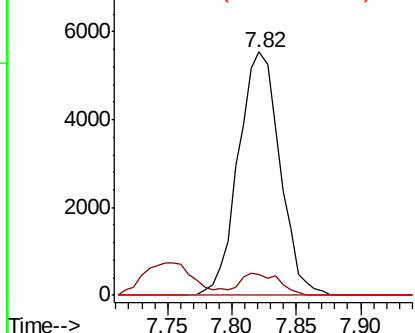
#36
 1,1-Dichloropropene
 Concen: 4.672 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001546.D
 Acq: 06 Feb 2020 21:01

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.2	54.6#
77	0.0	25.0	37.4#

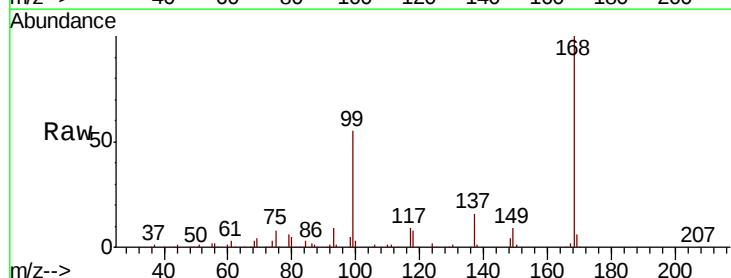


Abundance Ion 74.90 (74.60 to 75.60): VY001546.D (-968) (-)
 Ion 109.90 (109.60 to 110.60): VY001546.D (-968) (-)
 Ion 76.90 (76.60 to 77.60): VY001546.D (-968) (-)

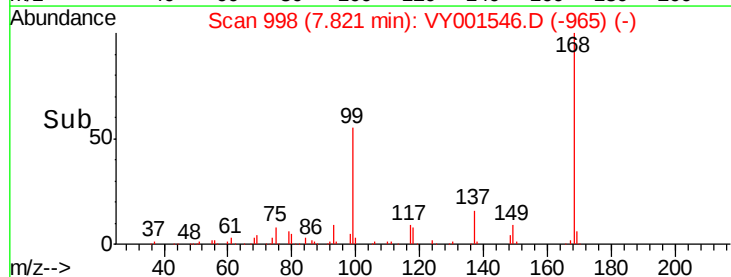
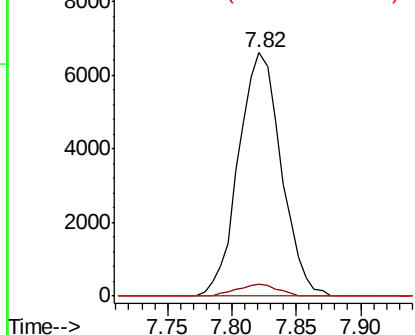


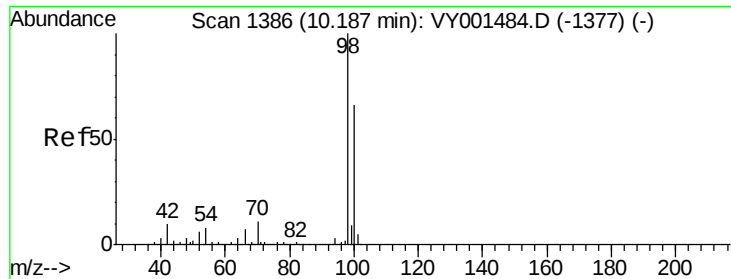
#38
 Carbon Tetrachloride
 Concen: 5.932 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001546.D
 Acq: 06 Feb 2020 21:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.4	114.6#
121	0.0	24.2	36.4#



Abundance Ion 116.80 (116.50 to 117.50): VY001546.D (-965) (-)
 Ion 118.80 (118.50 to 119.50): VY001546.D (-965) (-)
 Ion 120.80 (120.50 to 121.50): VY001546.D (-965) (-)





#50

Toluene-d8

Concen: 54.658 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001546.D

Acq: 06 Feb 2020 21:01

Instrument :

MSVOA_Y

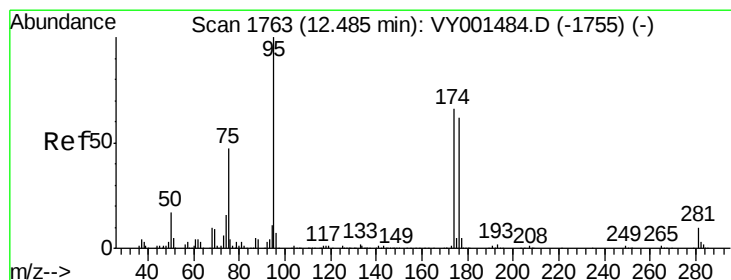
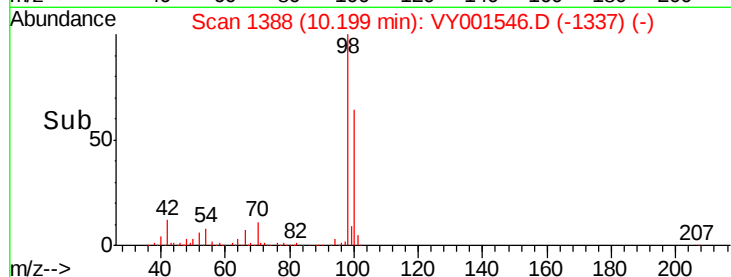
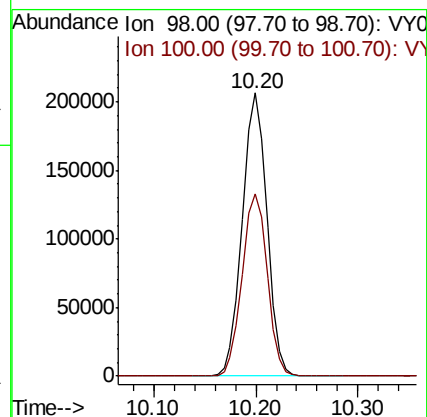
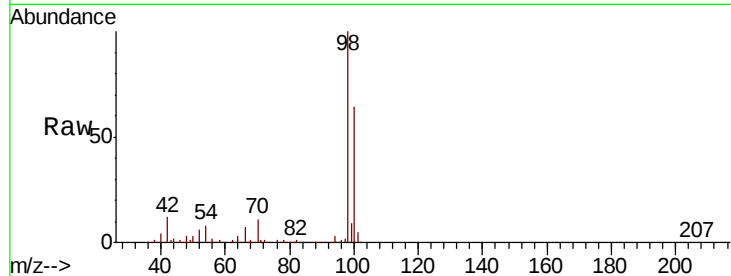
ClientSampleId :

Tot Ion: 98 Resp: 344794

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 53.878 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001546.D

Acq: 06 Feb 2020 21:01

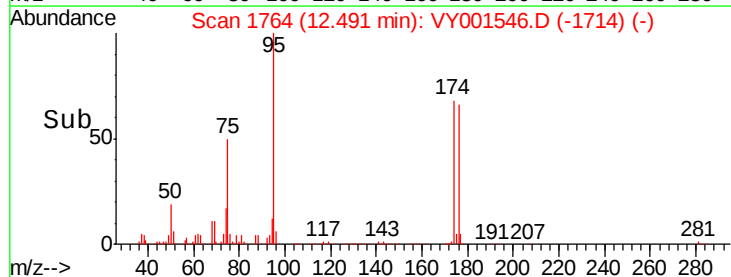
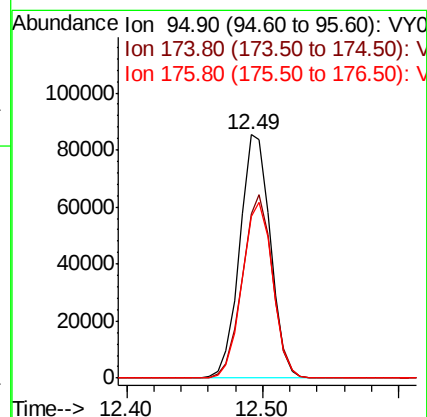
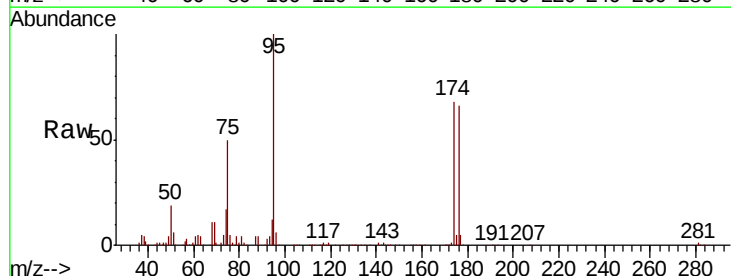
Tgt Ion: 95 Resp: 133891

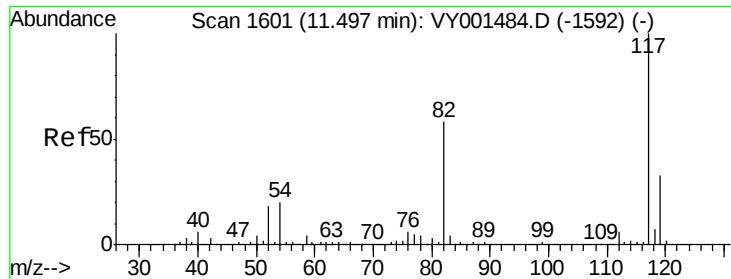
Ion Ratio Lower Upper

95 100

174 74.2 0.0 141.4

176 72.3 0.0 135.4

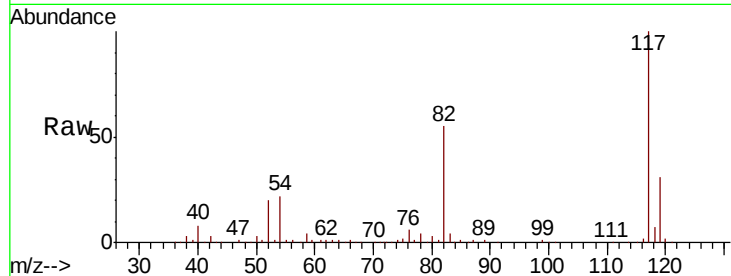




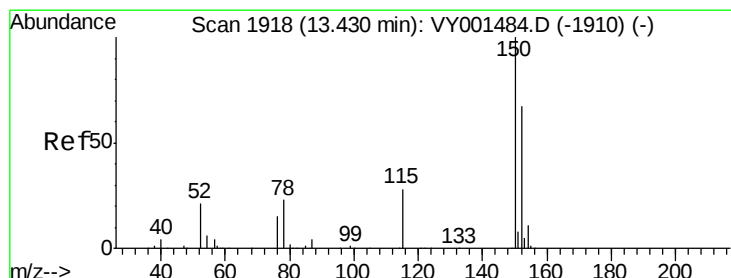
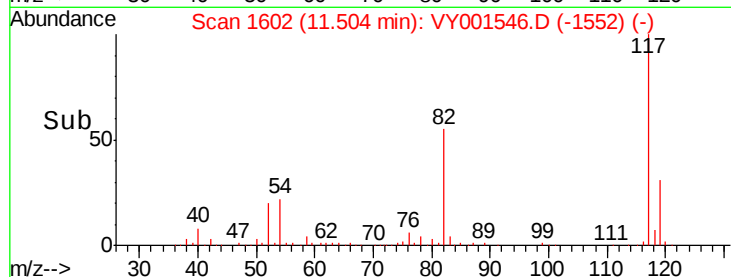
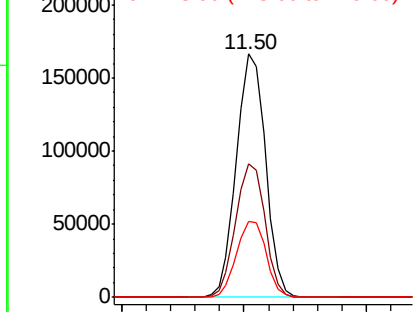
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001546.D
Acq: 06 Feb 2020 21:01

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 275433
Ion Ratio Lower Upper
117 100
82 55.0 46.1 69.1
119 31.2 26.1 39.1

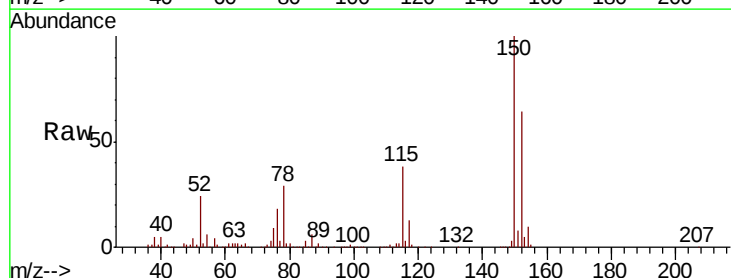


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

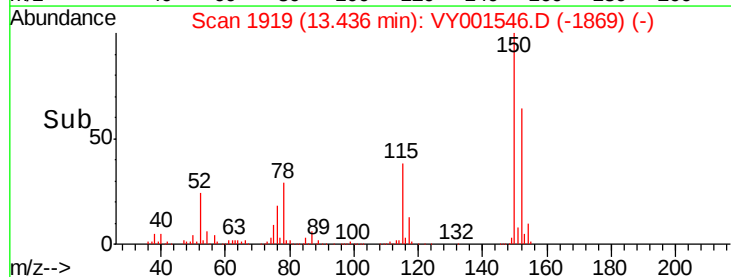
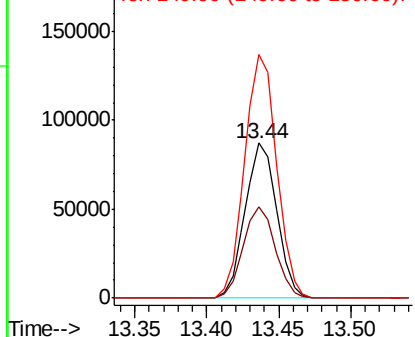


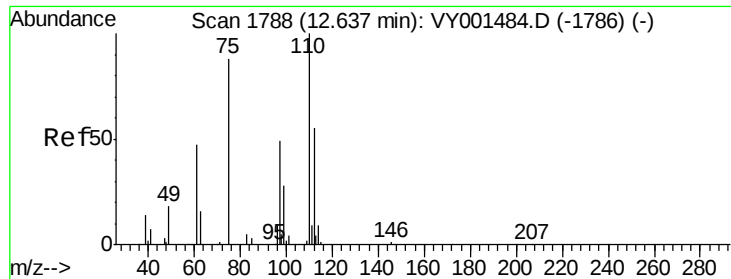
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001546.D
Acq: 06 Feb 2020 21:01

Tgt Ion:152 Resp: 132746
Ion Ratio Lower Upper
152 100
115 59.5 31.4 94.3
150 158.6 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: 47.381 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001546.D

Acq: 06 Feb 2020 21:01

Instrument :

MSVOA_Y

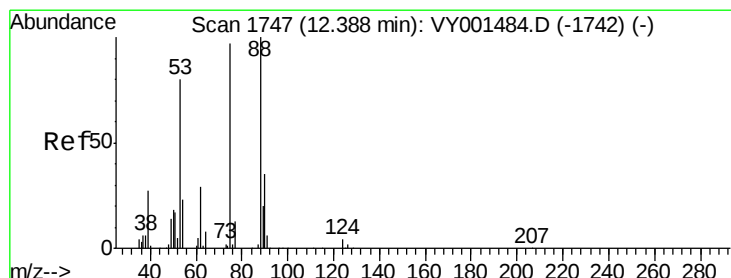
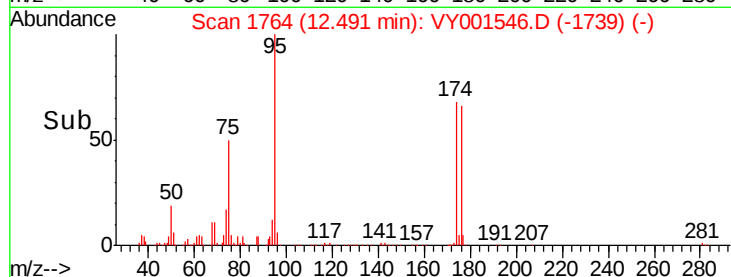
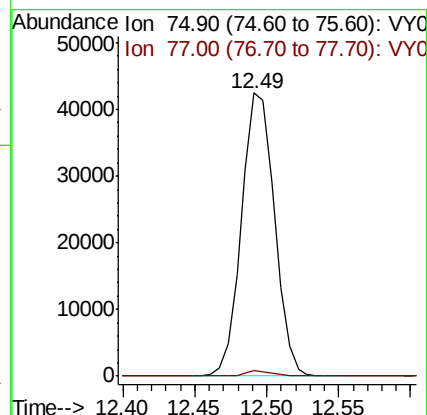
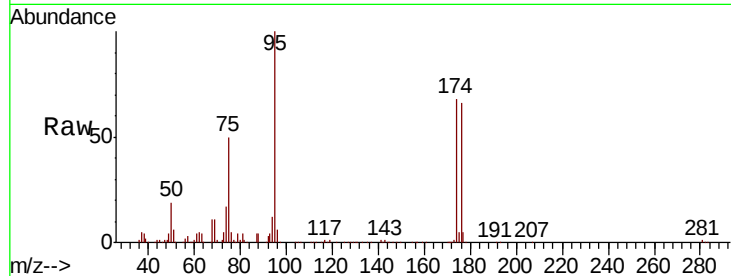
ClientSampleId :

Tot Ion: 75 Resp: 67639

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.680 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001546.D

Acq: 06 Feb 2020 21:01

Tgt Ion: 75 Resp: 67639

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.1 34.6 52.0#

