

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001834.D
 Acq On : 03 Mar 2020 14:58
 Operator : SY/MD
 Sample : L1762-07
 Misc : 6.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-030220

Quant Time: Mar 04 03:40:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	163385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	310865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	281598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	122938	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	101126	57.54	ug/l	0.00
Spiked Amount			Recovery	=	115.08%	
35) Dibromofluoromethane	7.74	113	90257	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
50) Toluene-d8	10.19	98	377422	54.11	ug/l	0.00
Spiked Amount			Recovery	=	108.22%	
62) 4-Bromofluorobenzene	12.49	95	129188	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	

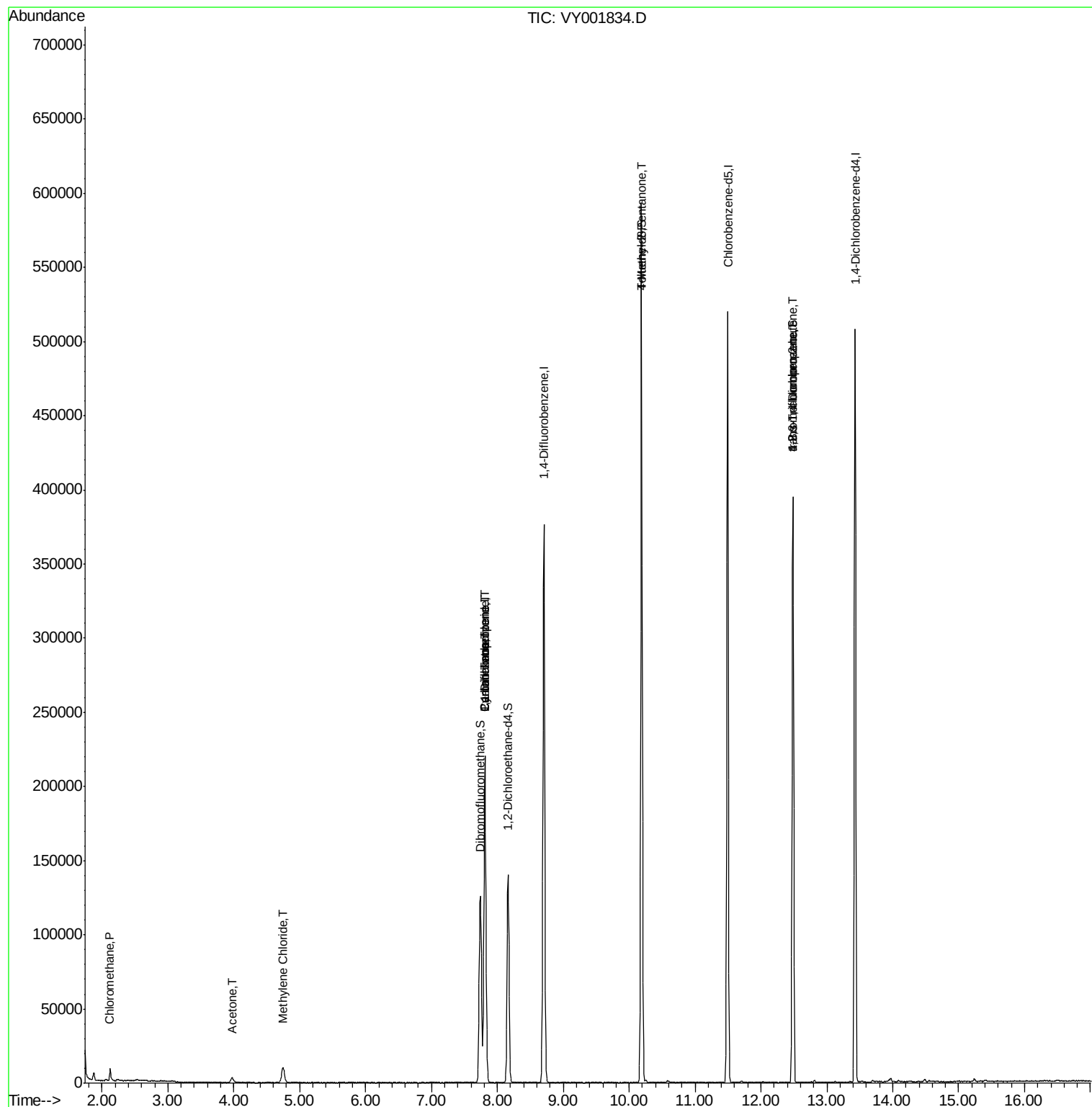
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	7629	3.561	ug/l	95
11) Tert butyl alcohol	4.98	59	20	Below Cal	#	74
16) Acetone	3.97	43	6530	10.738	ug/l	91
20) Methylene Chloride	4.75	84	7675	3.553	ug/l	89
31) Cyclohexane	7.82	56	3827	1.037	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	13601	4.580	ug/l #	50
38) Carbon Tetrachloride	7.81	117	16072	6.162	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	1858	1.075	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	66419	47.097	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	66419	89.351	ug/l #	17

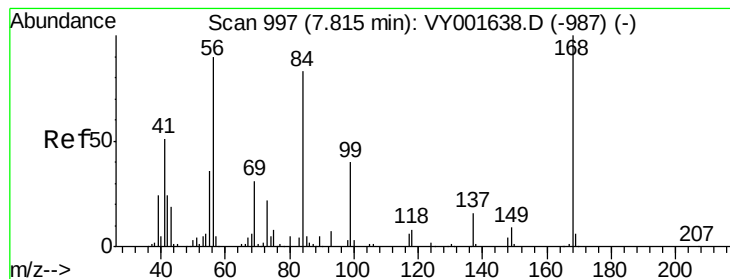
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001834.D

Acq: 03 Mar 2020 14:58

Instrument :

MSVOA_Y

ClientSampleId :

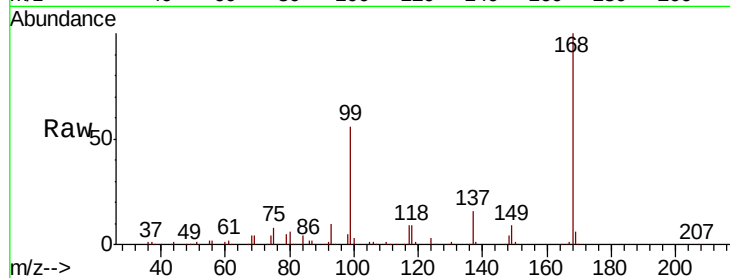
TR-06-030220

Tot Ion:168 Resp: 163385

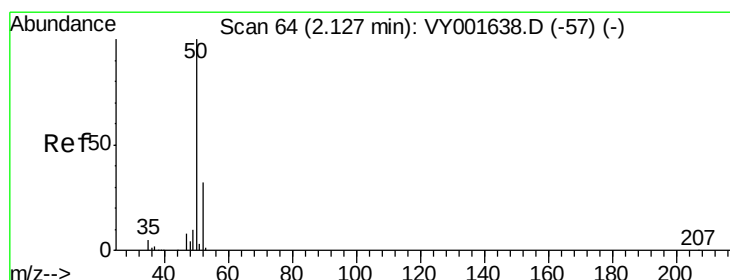
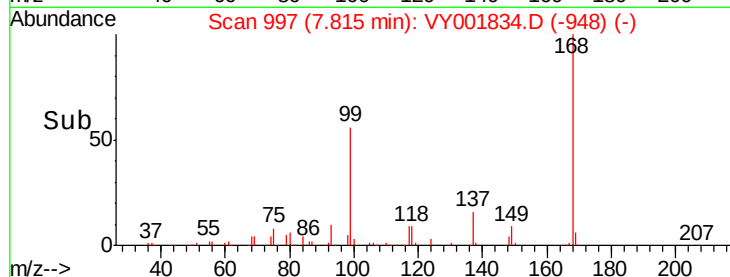
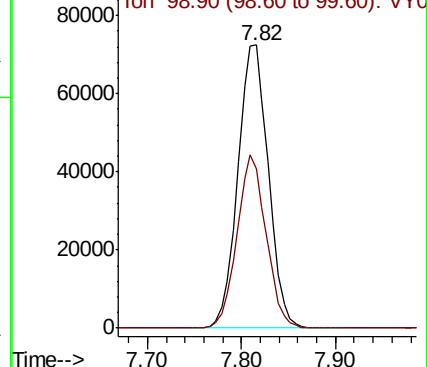
Ion Ratio Lower Upper

168 100

99 56.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001834.D (-948) (-)



#3

Chloromethane

Concen: 3.561 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001834.D

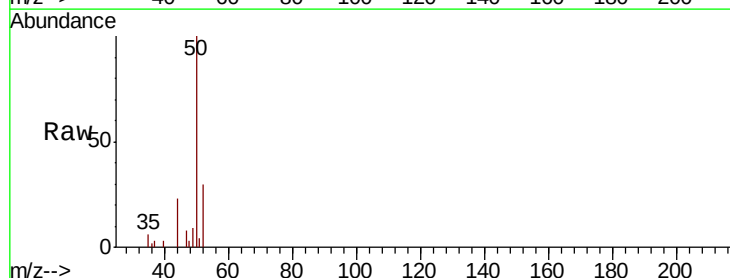
Acq: 03 Mar 2020 14:58

Tgt Ion: 50 Resp: 7629

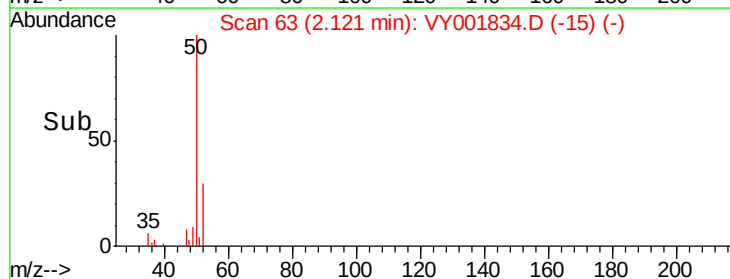
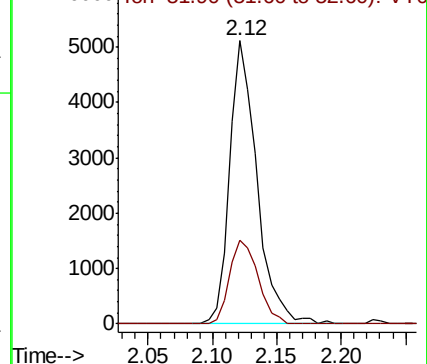
Ion Ratio Lower Upper

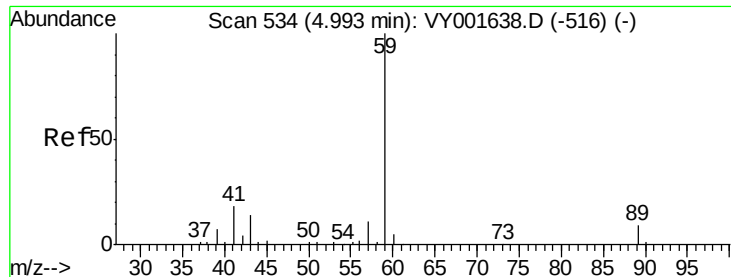
50 100

52 29.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001834.D (-15) (-)

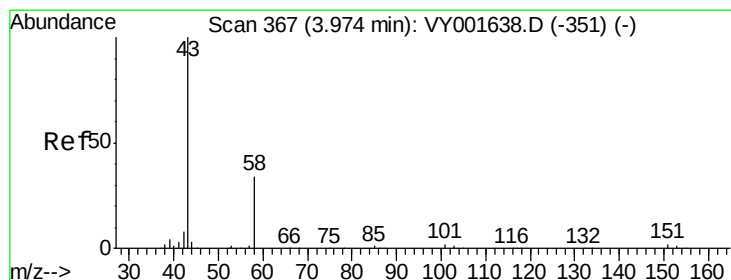
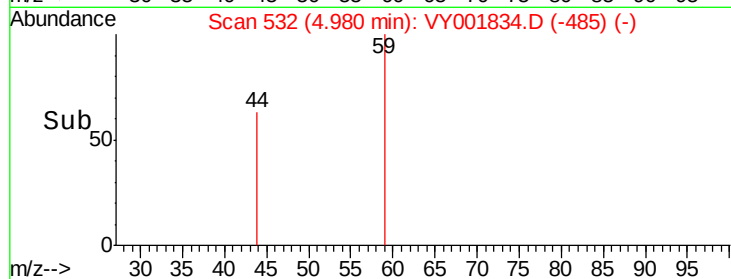
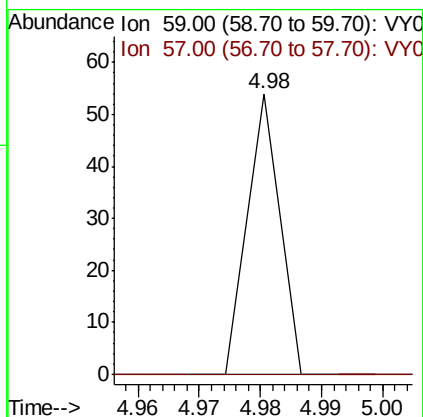
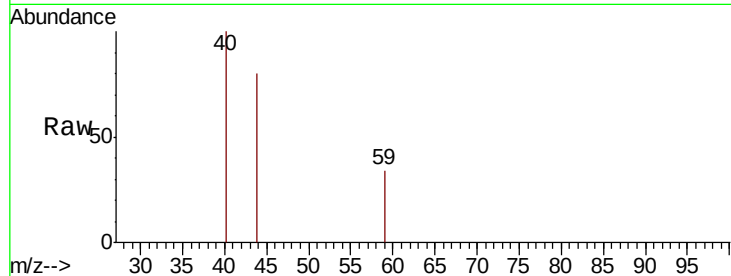




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.98 min Scan# 532
Delta R.T. -0.01 min
Lab File: VY001834.D
Acq: 03 Mar 2020 14:58

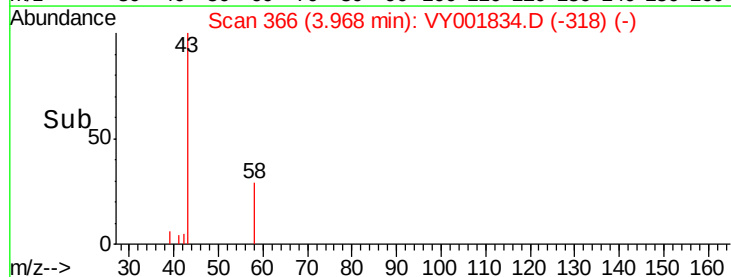
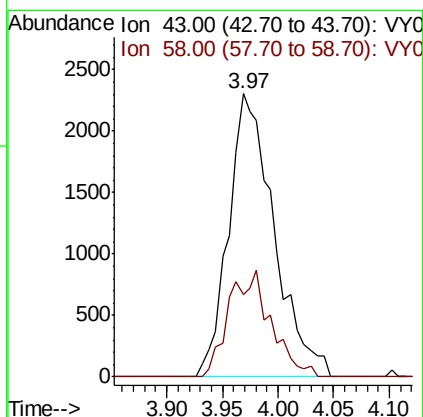
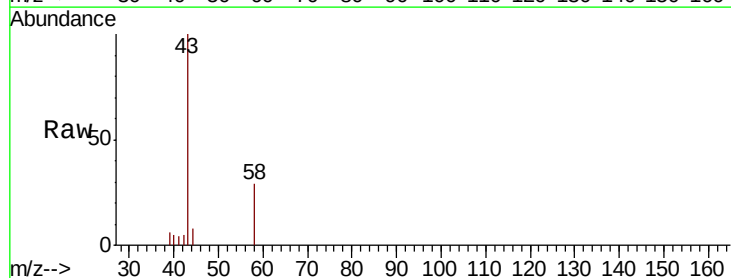
Instrument :
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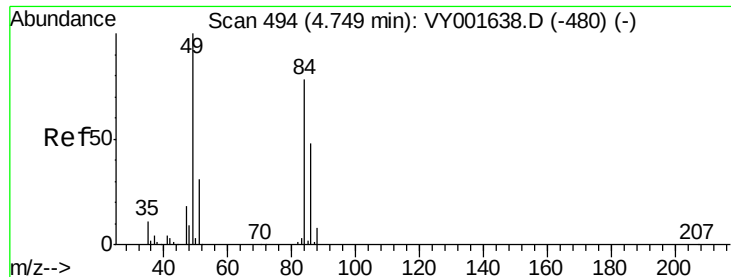
Tot Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 10.738 ug/l
RT: 3.97 min Scan# 366
Delta R.T. -0.01 min
Lab File: VY001834.D
Acq: 03 Mar 2020 14:58

Tgt Ion: 43 Resp: 6530
Ion Ratio Lower Upper
43 100
58 29.2 27.3 40.9

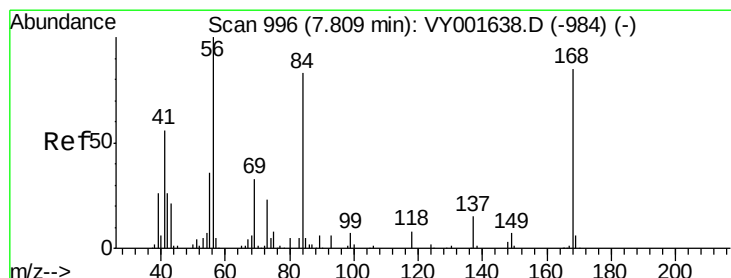
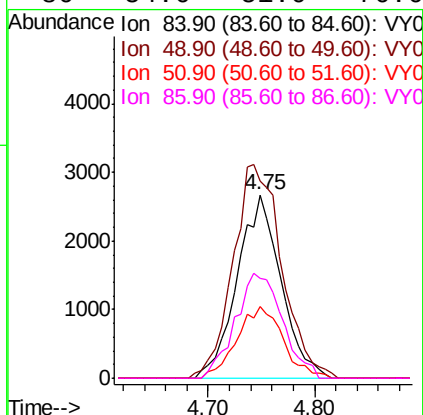
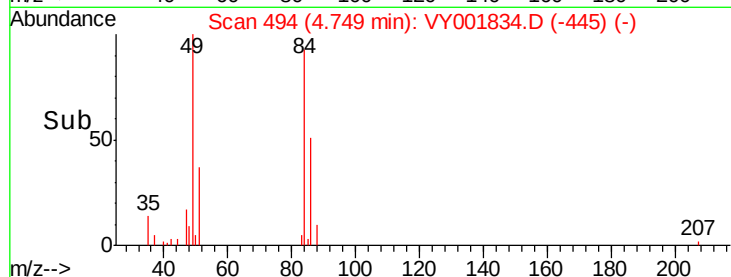
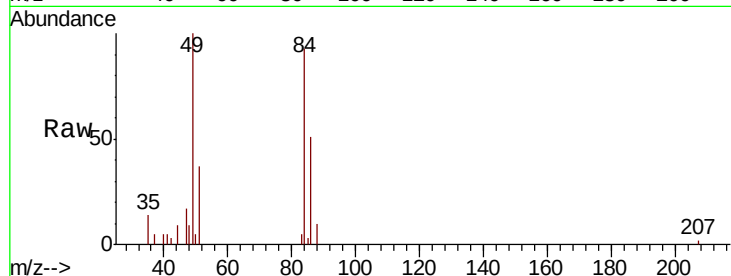




#20
Methylene Chloride
Concen: 3.553 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.00 min
Lab File: VY001834.D
Acq: 03 Mar 2020 14:58

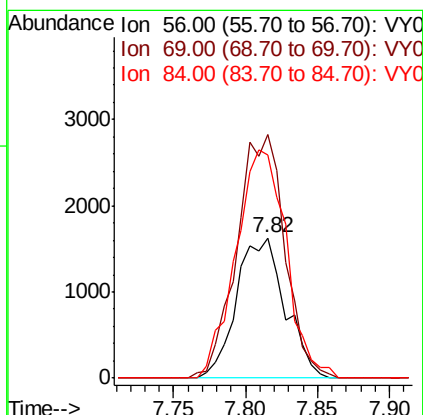
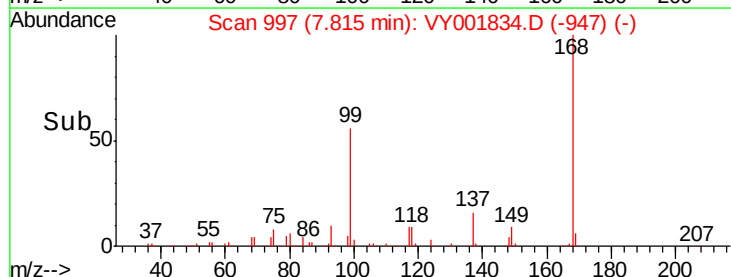
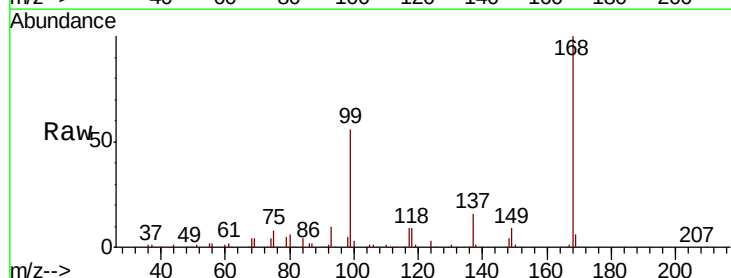
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-030220

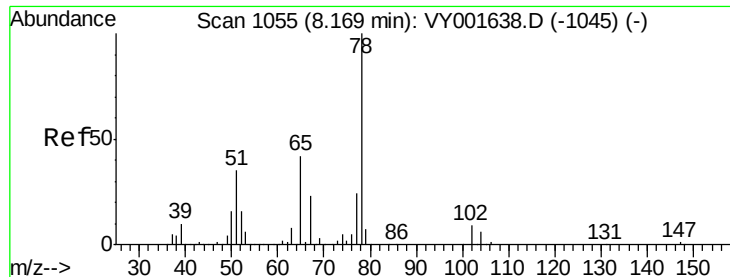
Tot Ion:	84	Resp:	7675
Ion	Ratio	Lower	Upper
84	100		
49	107.6	99.2	148.8
51	39.5	31.5	47.3
86	54.6	51.0	76.6



#31
Cyclohexane
Concen: 1.037 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001834.D
Acq: 03 Mar 2020 14:58

Tgt Ion:	56	Resp:	3827
Ion	Ratio	Lower	Upper
56	100		
69	173.4	25.1	37.7#
84	159.3	66.9	100.3#

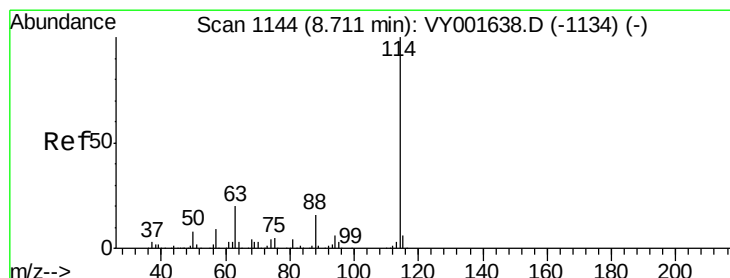
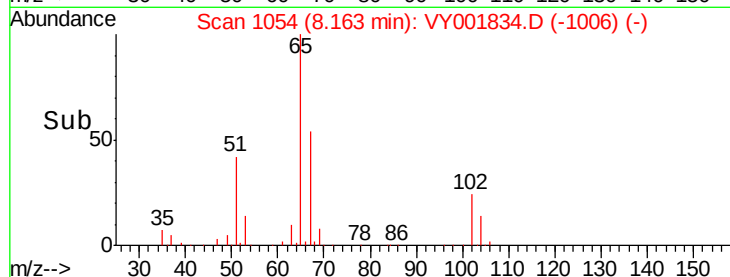
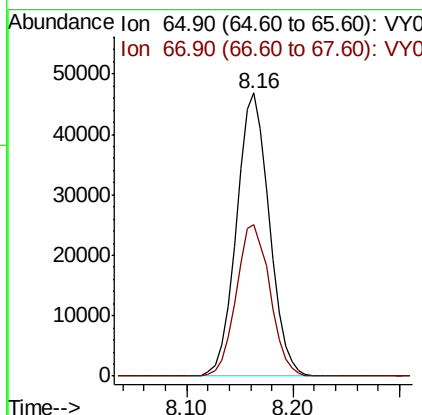
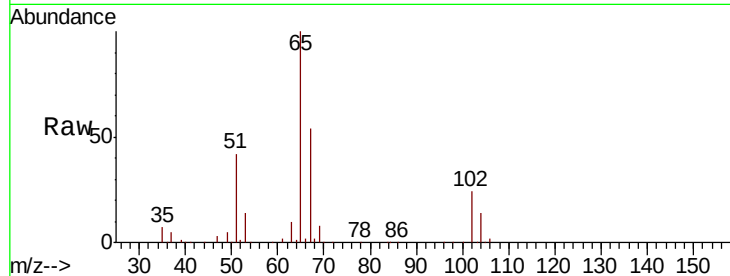




#33
 1,2-Dichloroethane-d4
 Concen: 57.542 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001834.D
 Acq: 03 Mar 2020 14:58

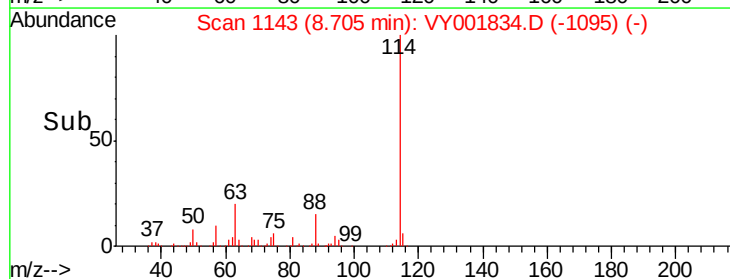
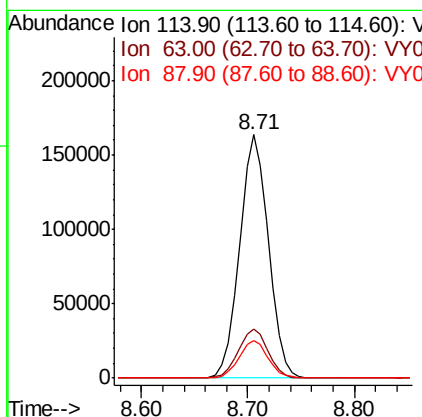
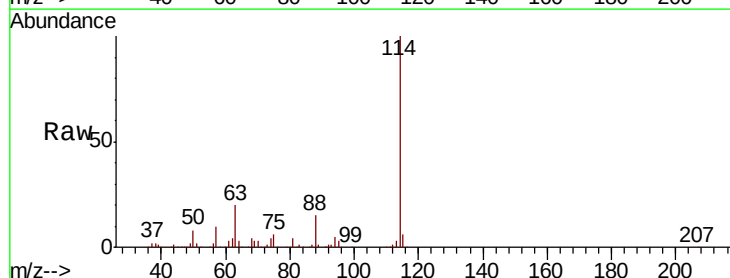
Instrument :
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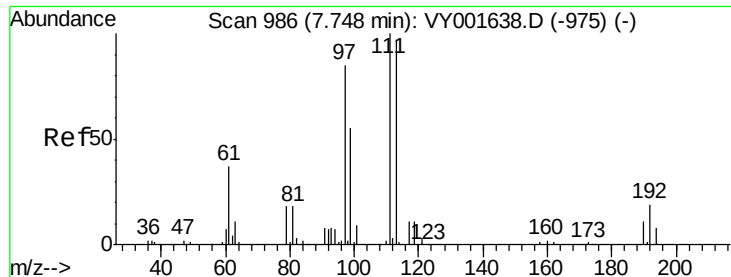
Tot Ion: 65 Resp: 101126
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001834.D
 Acq: 03 Mar 2020 14:58

Tgt Ion: 114 Resp: 310865
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.2 0.0 32.8

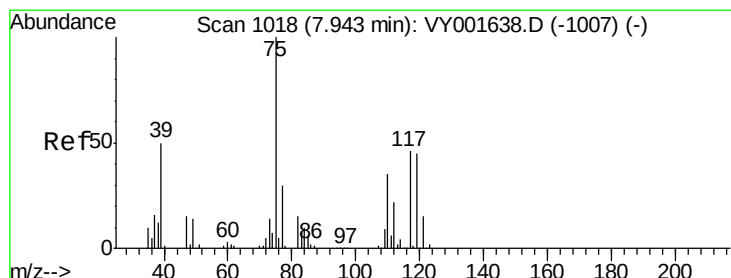
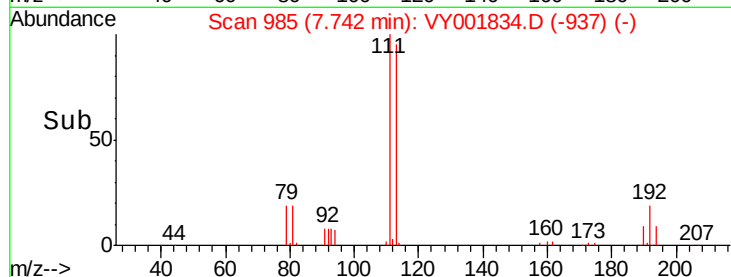
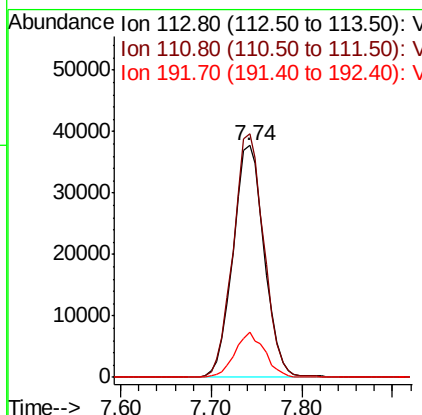
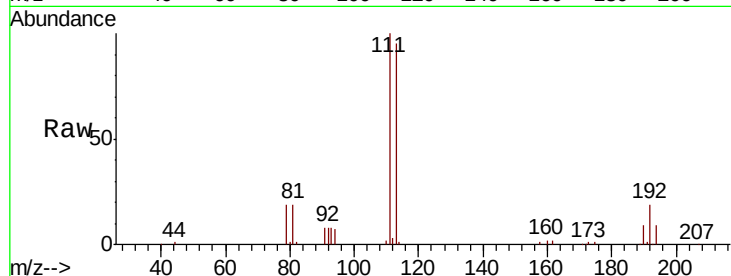




#35
Dibromofluoromethane
Concen: 50.692 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001834.D
Acq: 03 Mar 2020 14:58

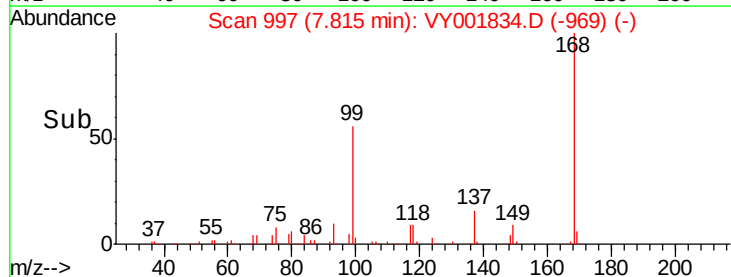
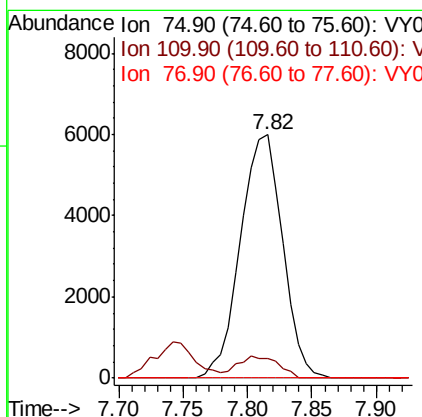
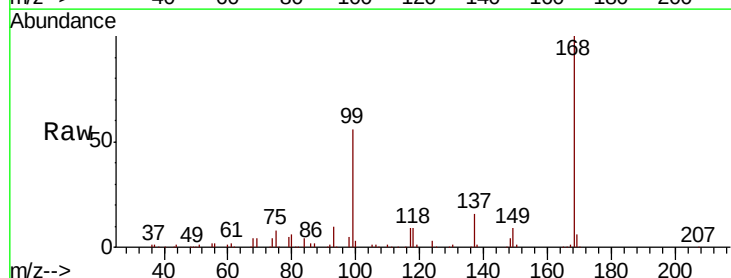
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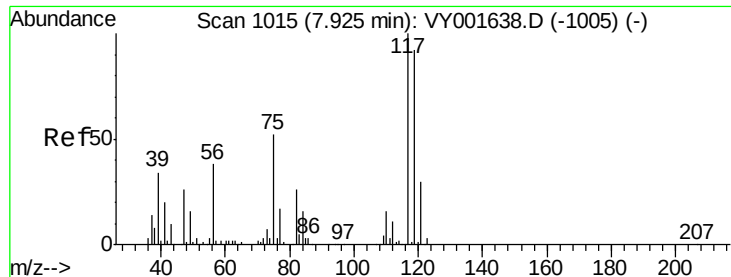
Tot Ion:113 Resp: 90257
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 18.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.580 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.13 min
Lab File: VY001834.D
Acq: 03 Mar 2020 14:58

Tgt Ion: 75 Resp: 13601
Ion Ratio Lower Upper
75 100
110 8.6 17.2 51.6#
77 0.0 24.8 37.2#

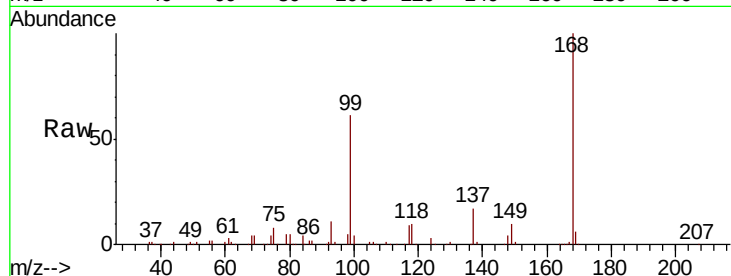




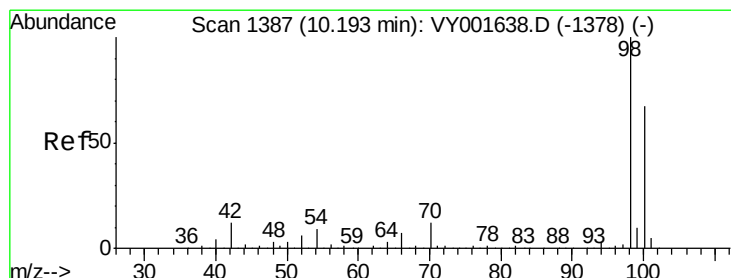
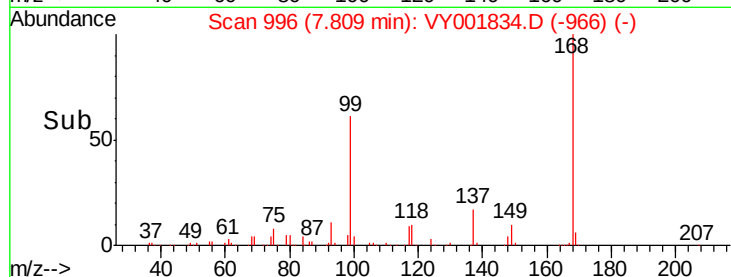
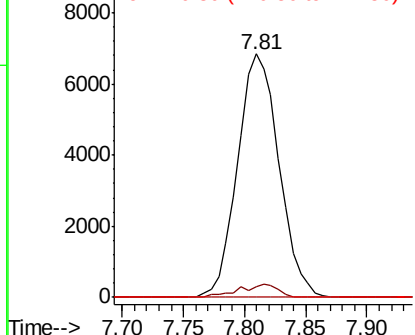
#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001834.D
Acq: 03 Mar 2020 14:58

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-030220

Tot Ion:117 Resp: 16072
Ion Ratio Lower Upper
117 100
119 4.4 74.8 112.2#
121 0.0 23.8 35.6#

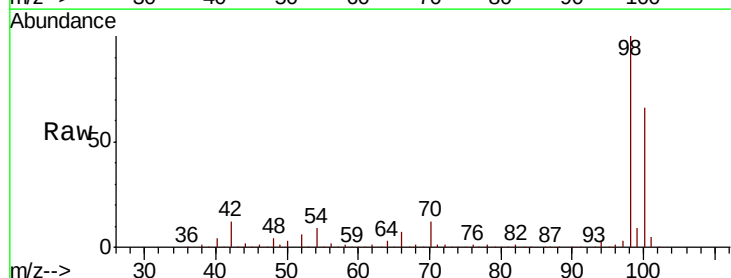


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

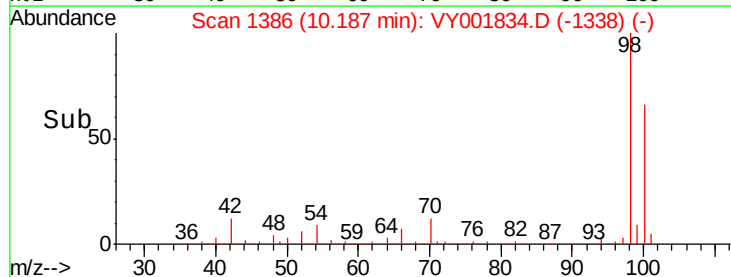
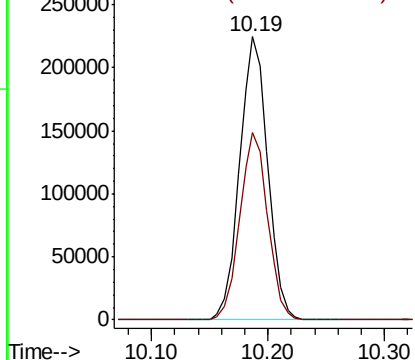


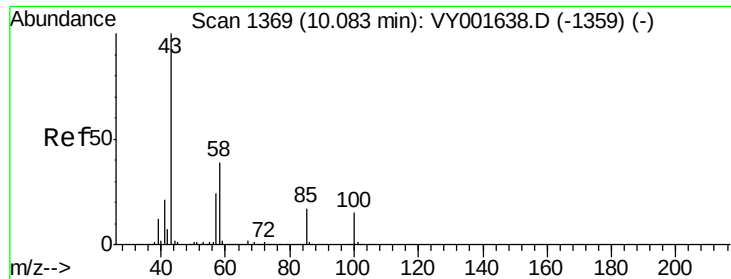
#50
Toluene-d8
Concen: 54.107 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001834.D
Acq: 03 Mar 2020 14:58

Tgt Ion: 98 Resp: 377422
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



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

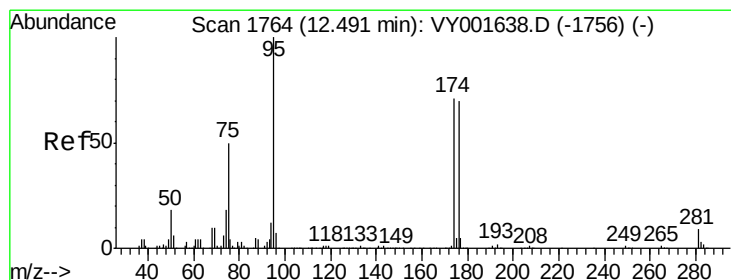
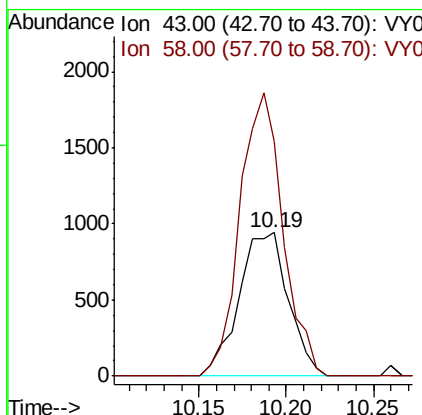
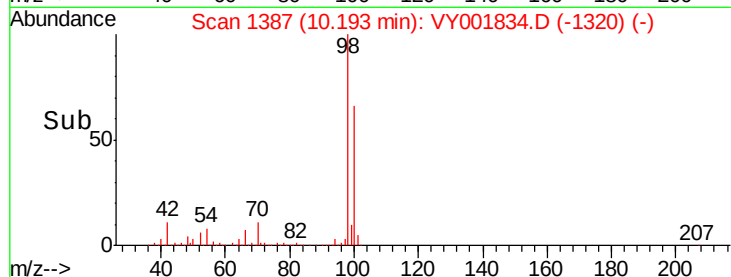
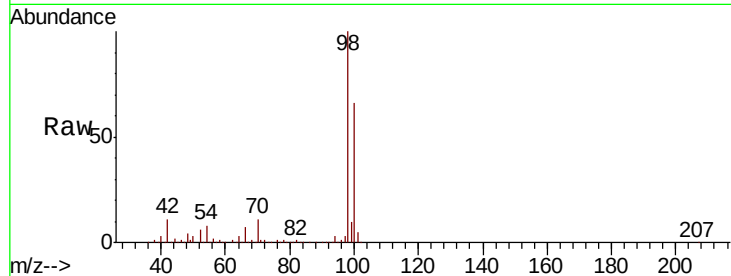




#51
4-Methyl-2-Pentanone
Concen: 1.075 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.11 min
Lab File: VY001834.D
Acq: 03 Mar 2020 14:58

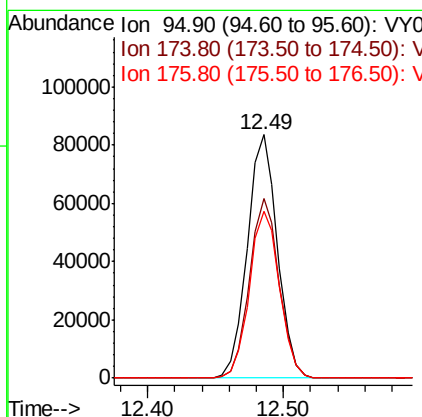
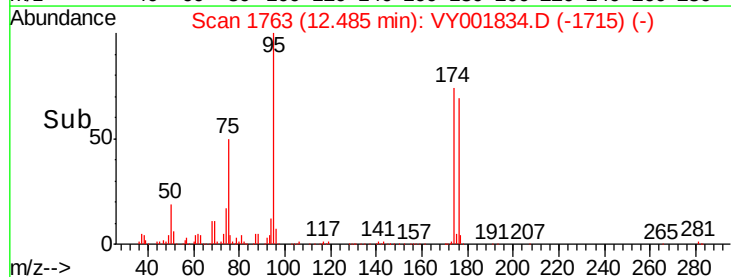
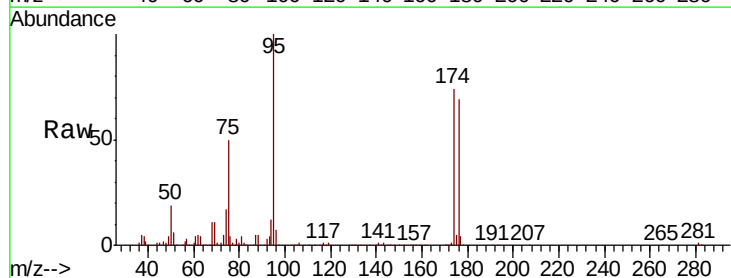
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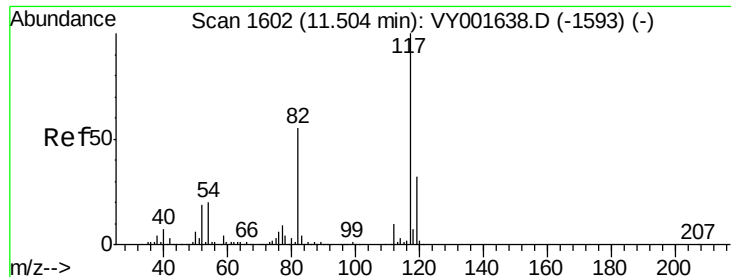
Tot Ion: 43 Resp: 1858
Ion Ratio Lower Upper
43 100
58 171.4 32.2 48.4#



#62
4-Bromofluorobenzene
Concen: 47.673 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001834.D
Acq: 03 Mar 2020 14:58

Tgt Ion: 95 Resp: 129188
Ion Ratio Lower Upper
95 100
174 73.0 0.0 138.4
176 69.1 0.0 131.8

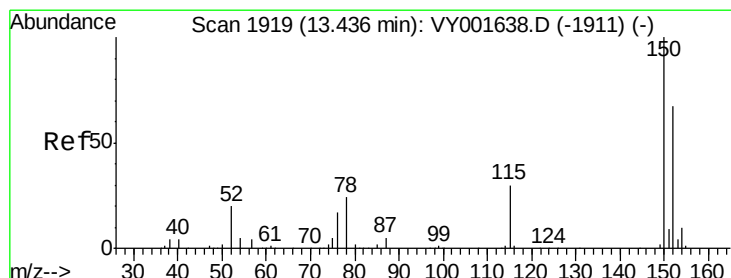
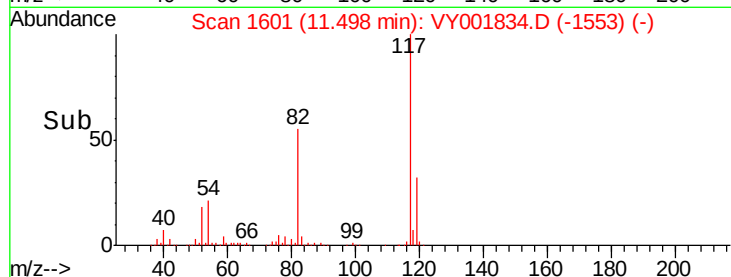
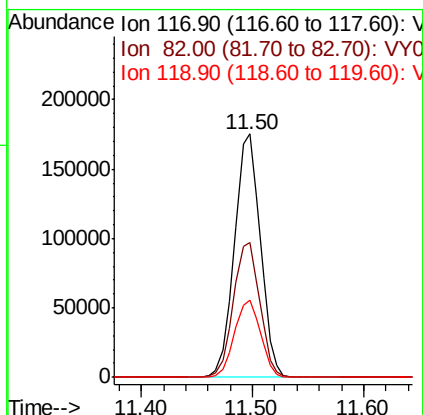
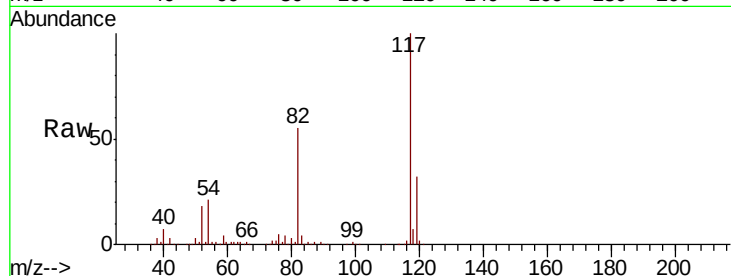




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001834.D
Acq: 03 Mar 2020 14:58

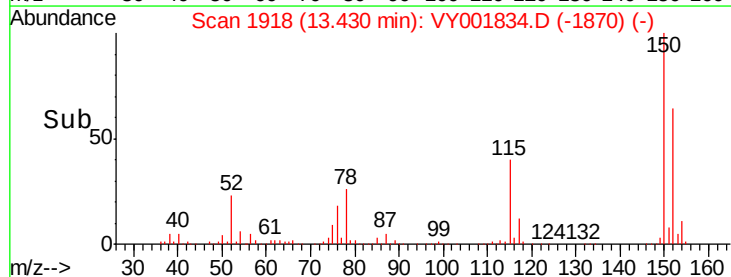
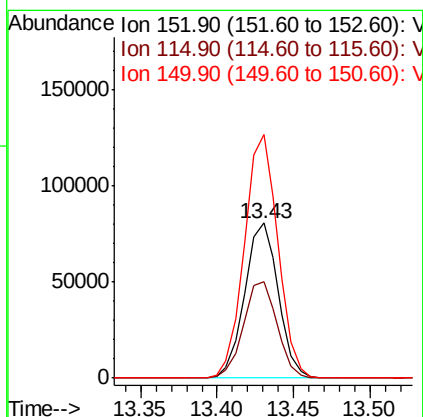
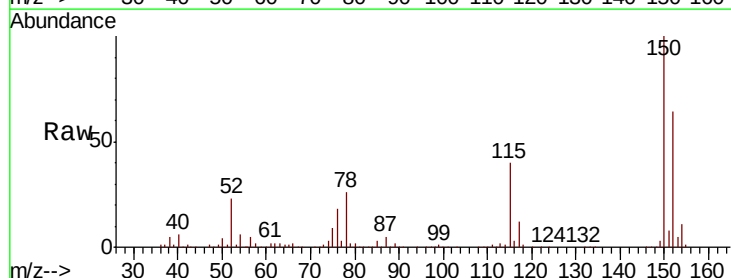
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-030220

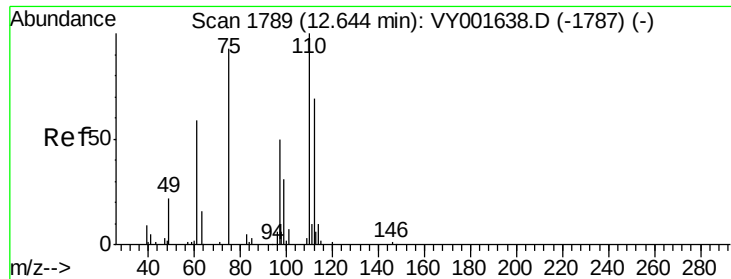
Tot Ion:117 Resp: 281598
Ion Ratio Lower Upper
117 100
82 55.3 45.5 68.3
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001834.D
Acq: 03 Mar 2020 14:58

Tgt Ion:152 Resp: 122938
Ion Ratio Lower Upper
152 100
115 62.7 31.4 94.2
150 157.1 0.0 407.2

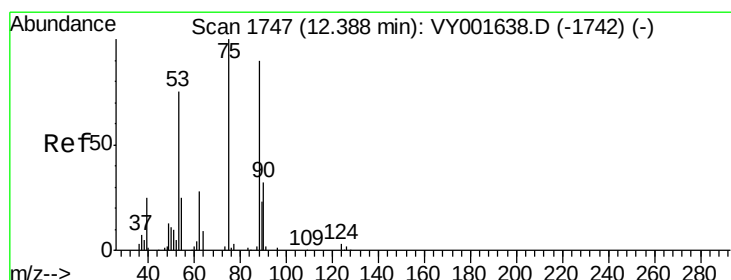
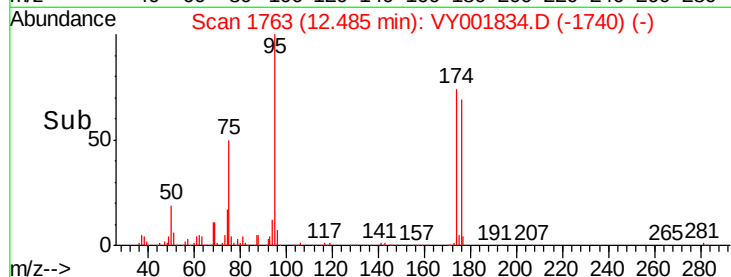
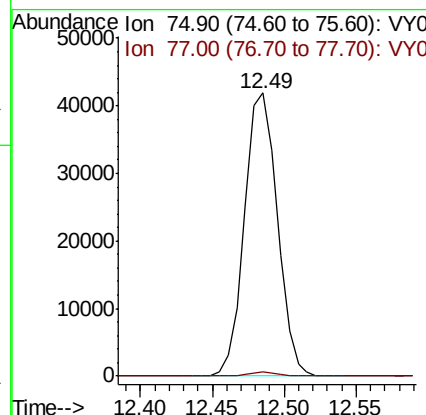
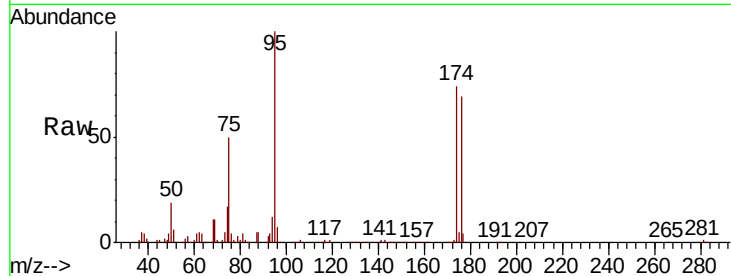




#76
 1,2,3-Trichloropropane
 Concen: 47.097 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.16 min
 Lab File: VY001834.D
 Acq: 03 Mar 2020 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-030220

Tot Ion: 75 Resp: 66419
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.351 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY001834.D
 Acq: 03 Mar 2020 14:58

Tgt Ion: 75 Resp: 66419
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.5 96.7#
 89 0.0 36.3 54.5#

