

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
 Data File : VY002021.D
 Acq On : 19 Mar 2020 15:05
 Operator : SY/MD
 Sample : L1978-01
 Misc : 5.47G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-(0.5-1.5)

Quant Time: Mar 20 01:57:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	134163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	261249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	231370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	85254	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	84520	59.01	ug/l	0.00
Spiked Amount			Recovery	=	118.02%	
35) Dibromofluoromethane	7.74	113	76742	53.80	ug/l	-0.01
Spiked Amount			Recovery	=	107.60%	
50) Toluene-d8	10.19	98	314187	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.49	95	99355	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	

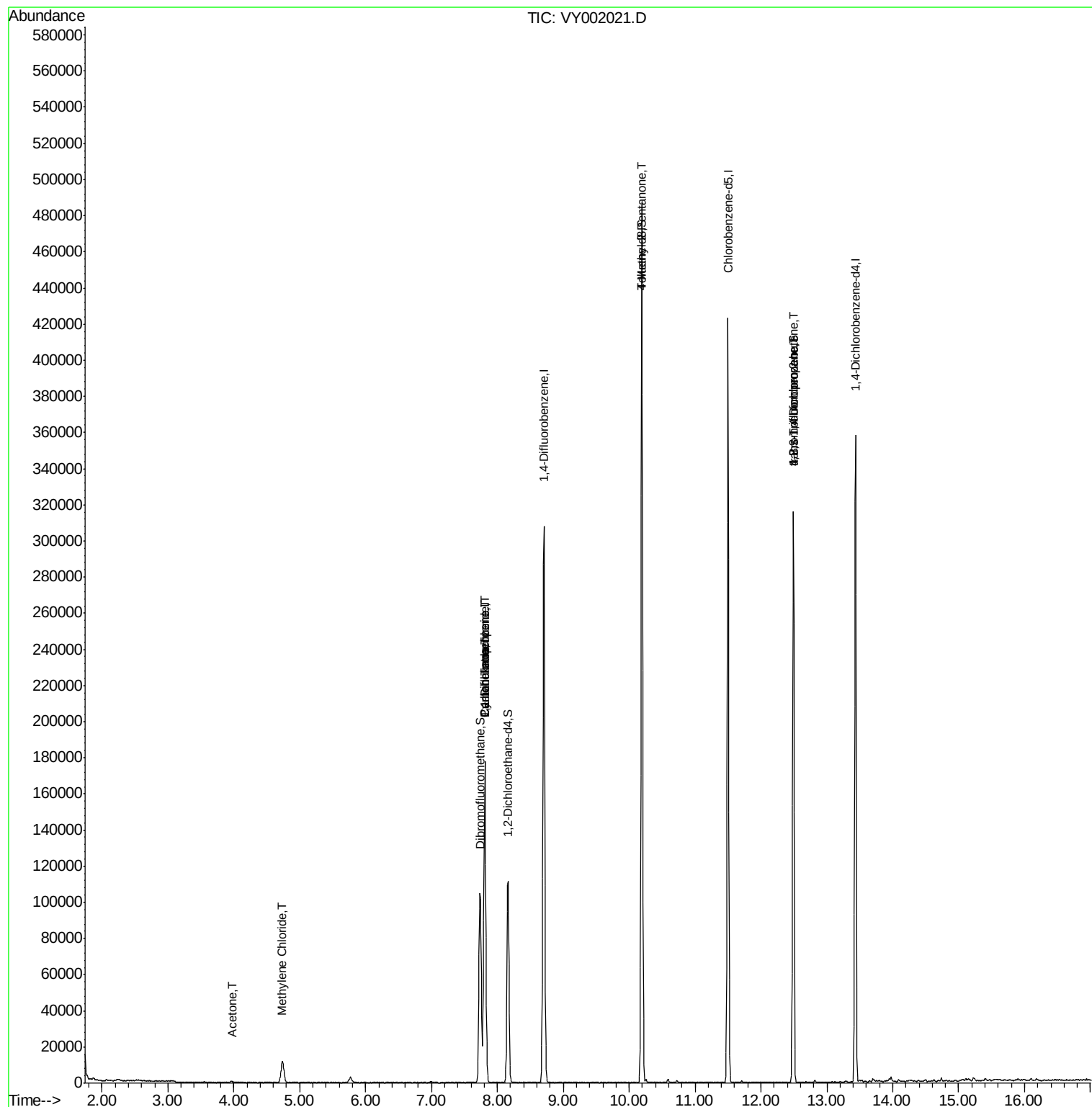
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.68	94	37	Below Cal		87
11) Tert butyl alcohol	5.00	59	31	Below Cal	#	74
16) Acetone	3.97	43	1290	3.092	ug/l	98
20) Methylene Chloride	4.74	84	9013	5.041	ug/l	95
31) Cyclohexane	7.80	56	3323	1.056	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	11148	4.434	ug/l #	50
38) Carbon Tetrachloride	7.81	117	13998	6.518	ug/l #	17
51) 4-Methyl-2-Pentanone	10.19	43	1463	1.027	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	50283	49.707	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	50283	100.405	ug/l #	17

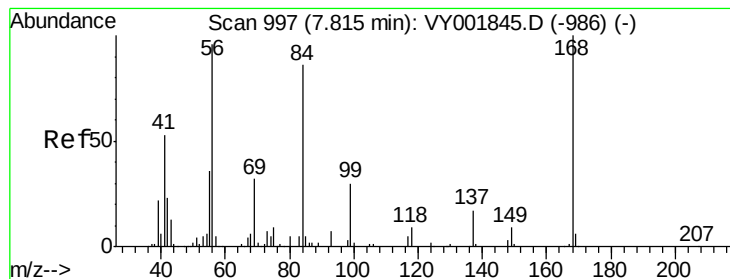
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002021.D

Acq: 19 Mar 2020 15:05

Instrument :

MSVOA_Y

ClientSampleId :

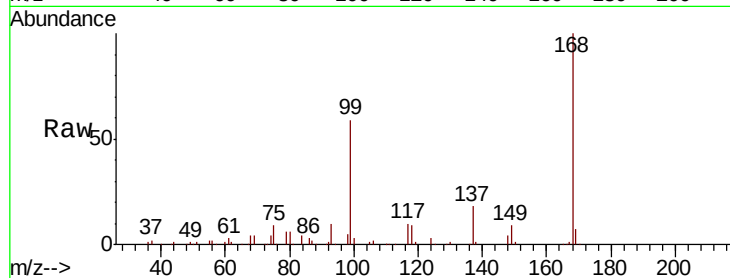
TP-5-(0.5-1.5)

Tot Ion:168 Resp: 134163

Ion Ratio Lower Upper

168 100

99 59.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.81

60000

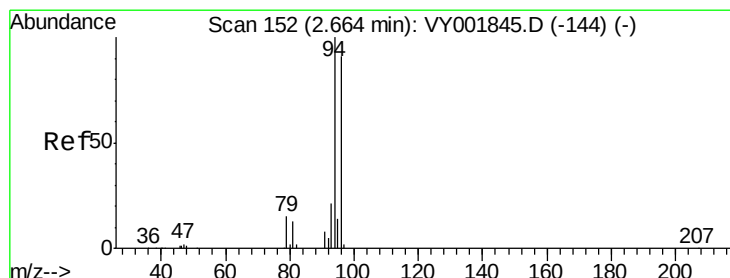
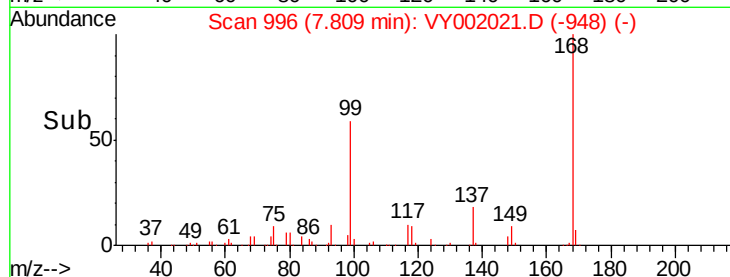
40000

20000

0

7.70 7.80 7.90

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.68 min Scan# 155

Delta R.T. 0.02 min

Lab File: VY002021.D

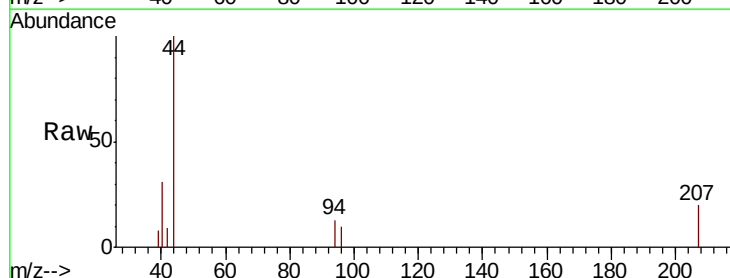
Acq: 19 Mar 2020 15:05

Tgt Ion: 94 Resp: 37

Ion Ratio Lower Upper

94 100

96 79.0 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VY001845.D (-144) (-)

2.68

100

80

60

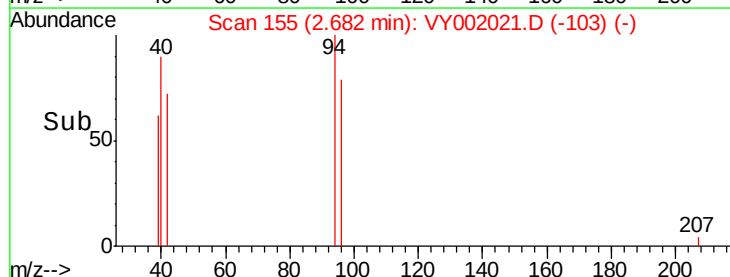
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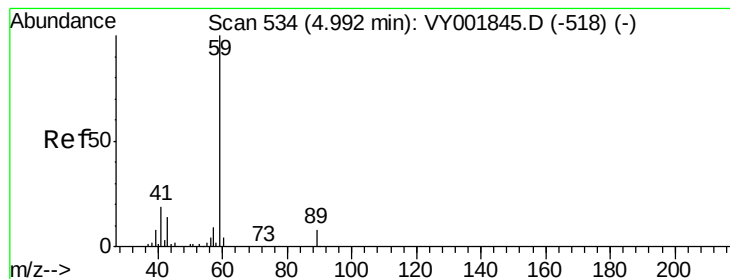
20

0

2.66 2.67 2.68 2.69 2.70

Time-->



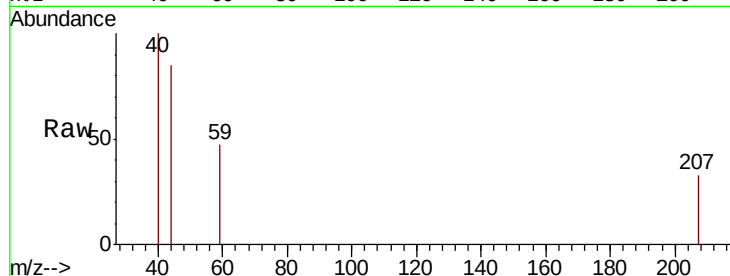


#11

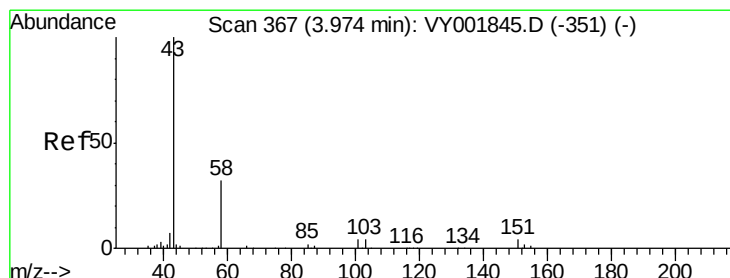
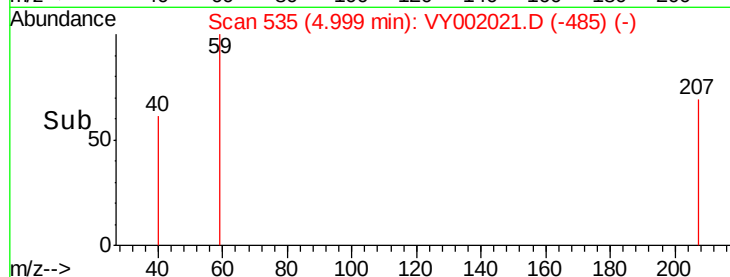
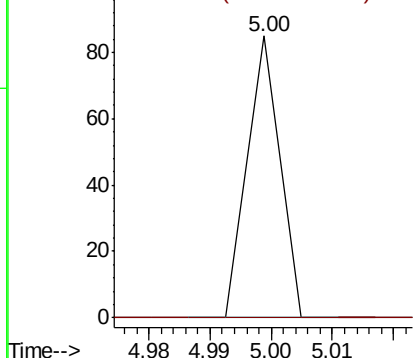
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.00 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VY002021.D
 Acq: 19 Mar 2020 15:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-(0.5-1.5)

Tot Ion: 59 Resp: 31
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#



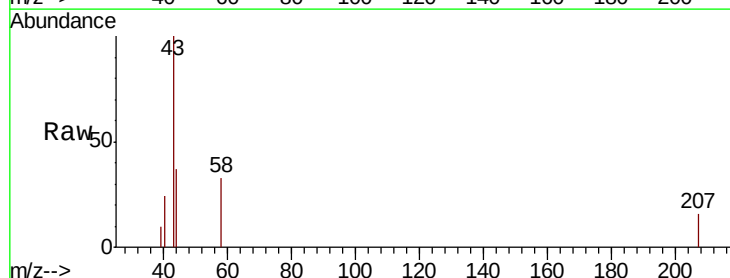
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



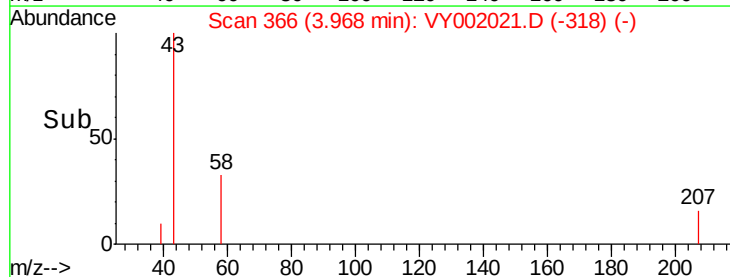
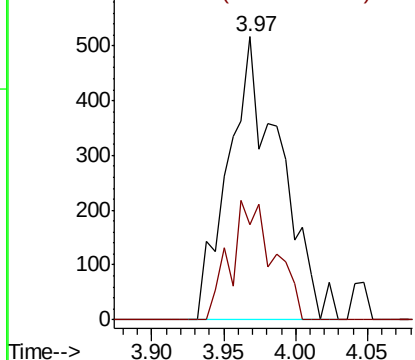
#16

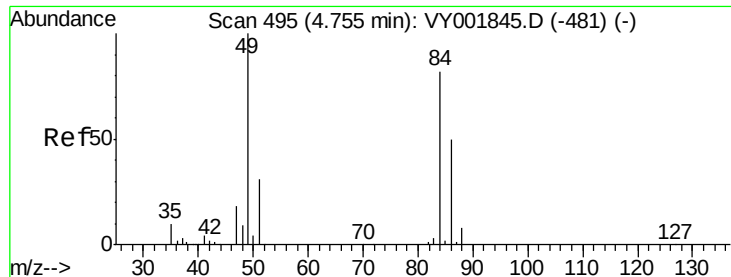
Acetone
 Concen: 3.092 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VY002021.D
 Acq: 19 Mar 2020 15:05

Tgt Ion: 43 Resp: 1290
 Ion Ratio Lower Upper
 43 100
 58 33.5 25.9 38.9



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

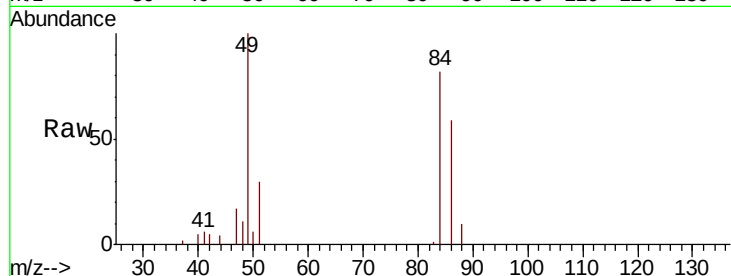




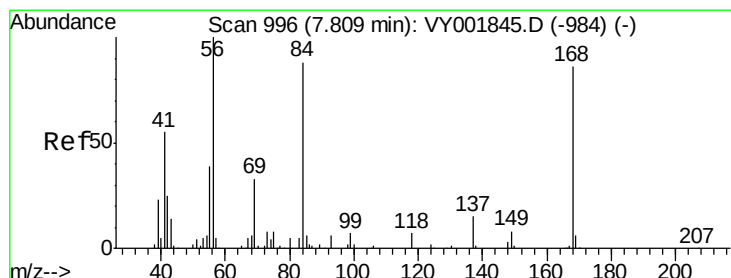
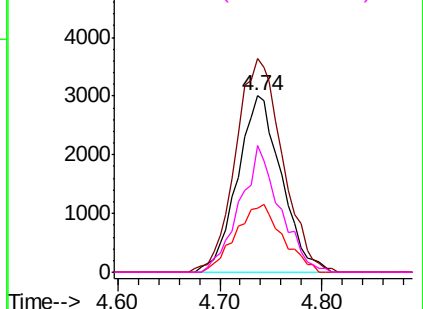
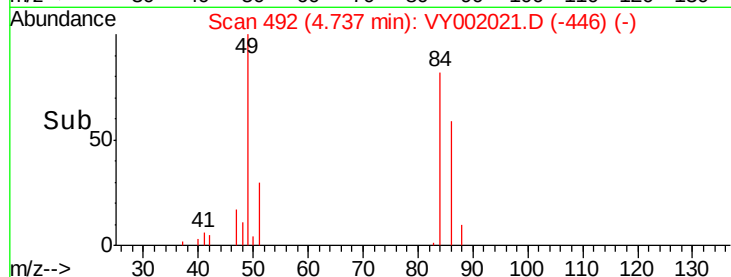
#20
Methylene Chloride
Concen: 5.041 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY002021.D
Acq: 19 Mar 2020 15:05

Instrument :
MSVOA_Y
ClientSampleId :
TP-5-(0.5-1.5)

Tot Ion: 84 Resp: 9013
Ion Ratio Lower Upper
84 100
49 121.3 98.2 147.2
51 36.7 30.2 45.2
86 71.7 48.9 73.3

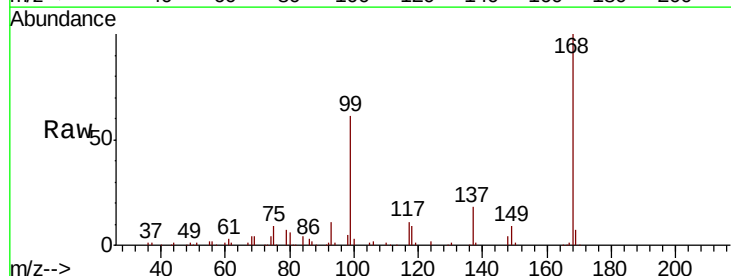


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

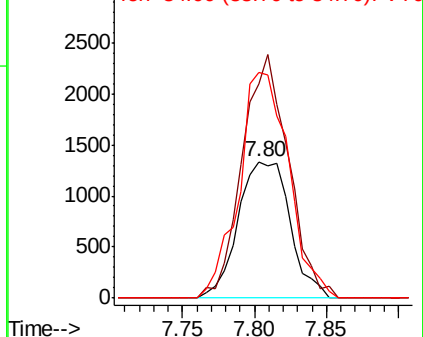
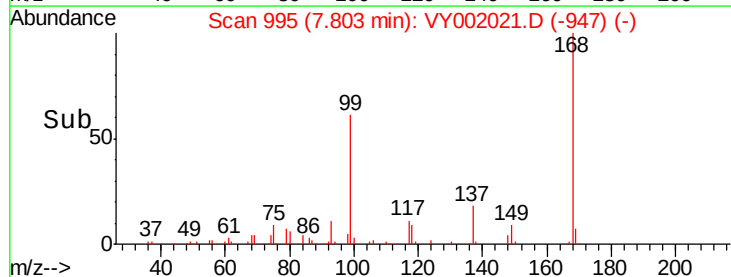


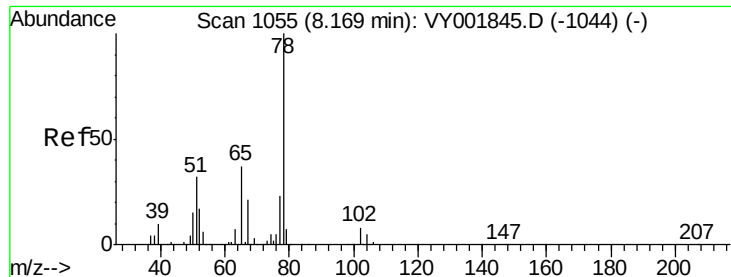
#31
Cyclohexane
Concen: 1.056 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002021.D
Acq: 19 Mar 2020 15:05

Tgt Ion: 56 Resp: 3323
Ion Ratio Lower Upper
56 100
69 157.1 26.7 40.1#
84 165.4 70.4 105.6#



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

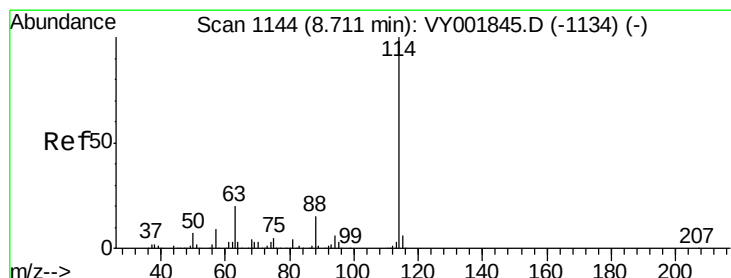
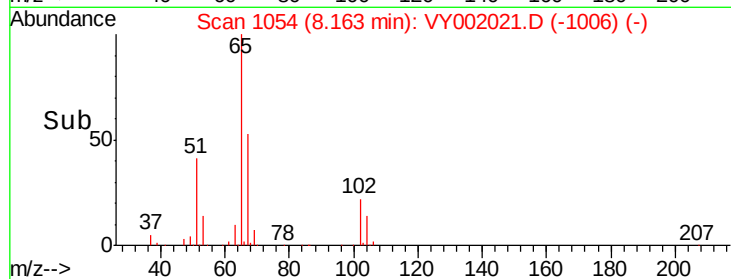
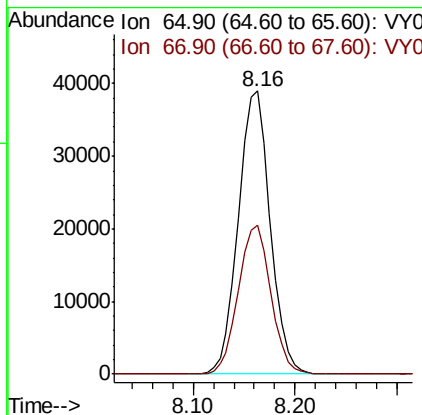
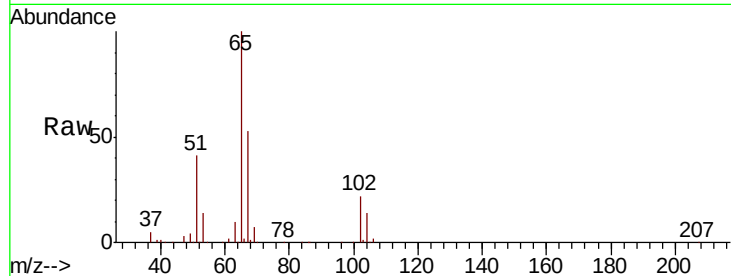




#33
 1,2-Dichloroethane-d4
 Concen: 59.011 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY002021.D
 Acq: 19 Mar 2020 15:05

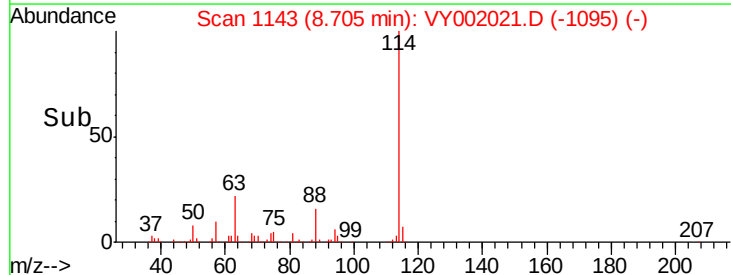
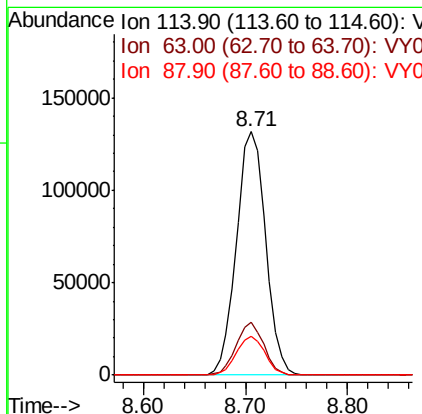
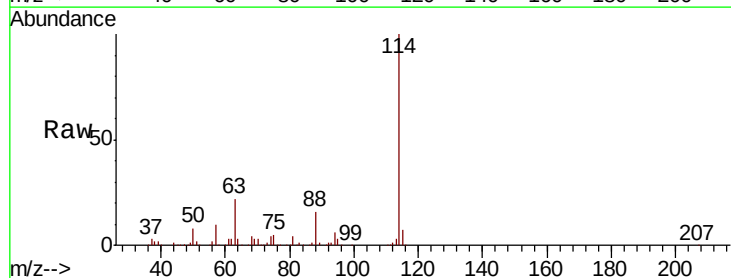
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 ClientSampleId :
 TP-5-(0.5-1.5)

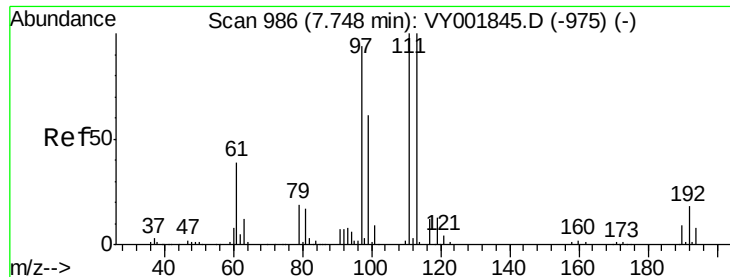
Tot Ion: 65 Resp: 84520
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002021.D
 Acq: 19 Mar 2020 15:05

Tgt Ion: 114 Resp: 261249
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 39.4
 88 16.1 0.0 30.4

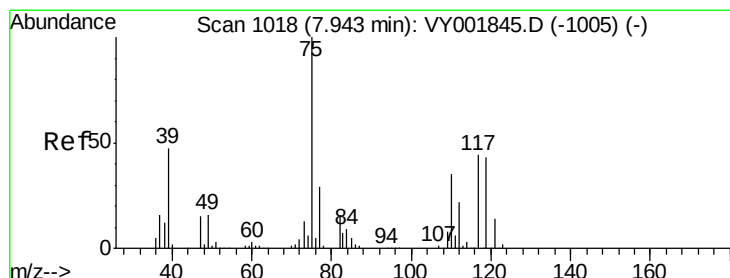
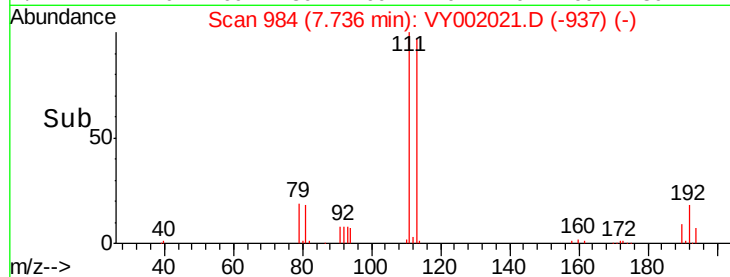
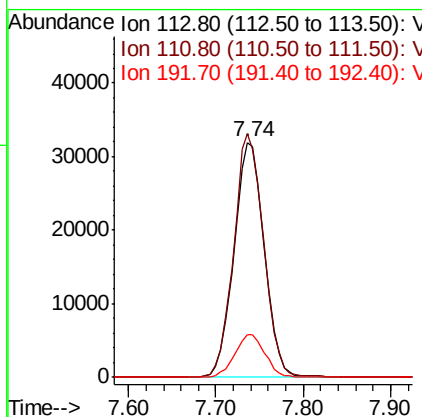
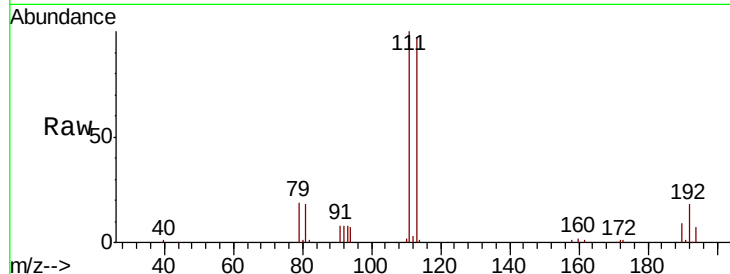




#35
 Dibromofluoromethane
 Concen: 53.796 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002021.D
 Acq: 19 Mar 2020 15:05

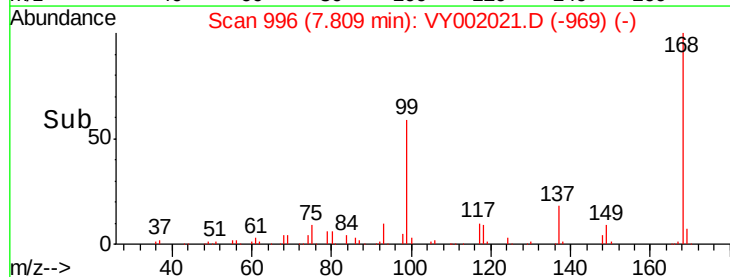
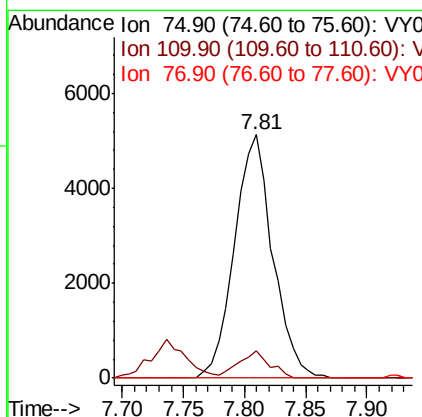
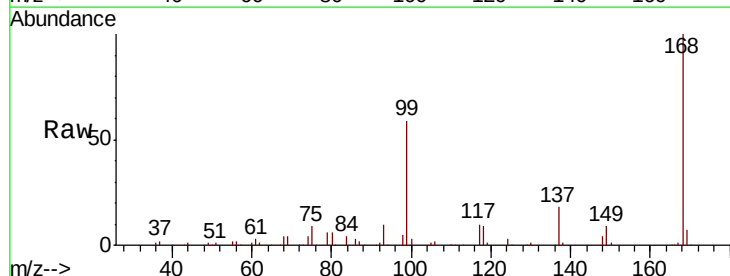
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 MSVOA_Y
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 TP-5-(0.5-1.5)

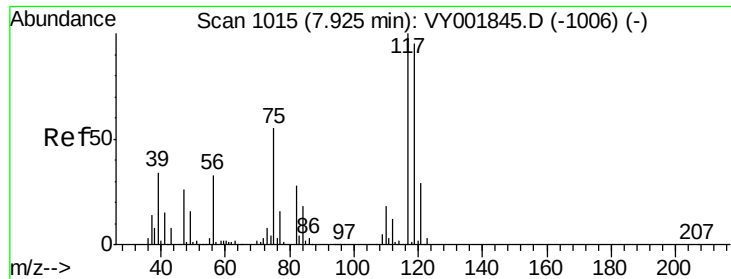
Tot Ion:113 Resp: 76742
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.8
 192 18.1 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.434 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002021.D
 Acq: 19 Mar 2020 15:05

Tgt Ion: 75 Resp: 11148
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.4 52.2#
 77 0.0 24.2 36.2#

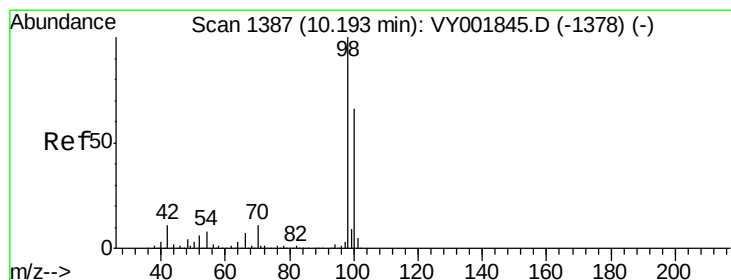
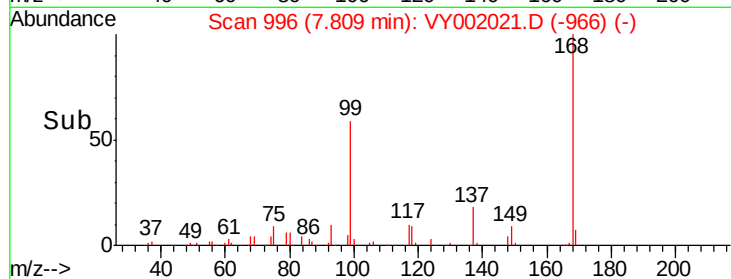
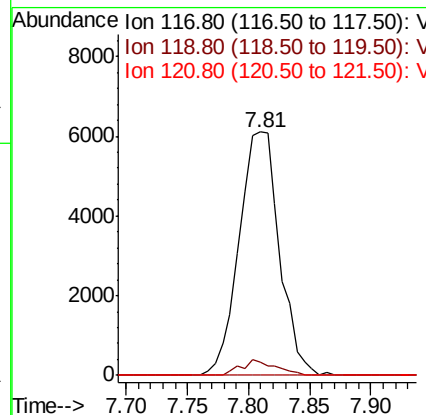
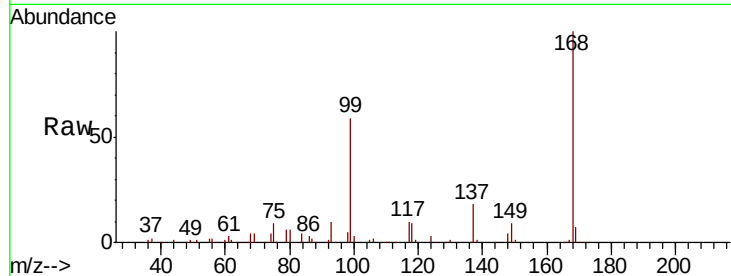




#38
 Carbon Tetrachloride
 Concen: 6.518 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002021.D
 Acq: 19 Mar 2020 15:05

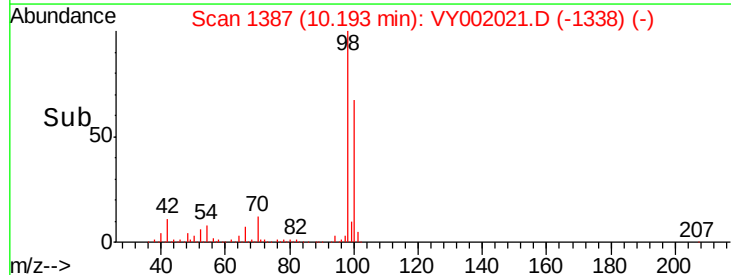
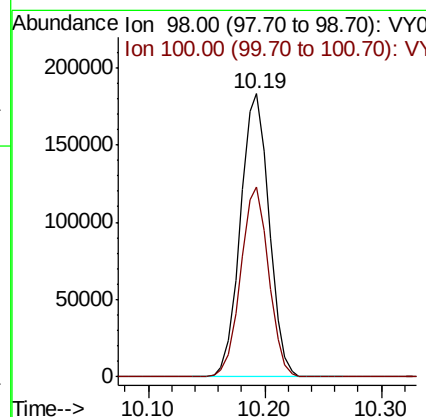
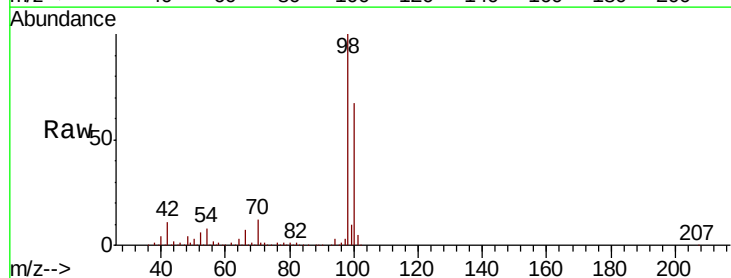
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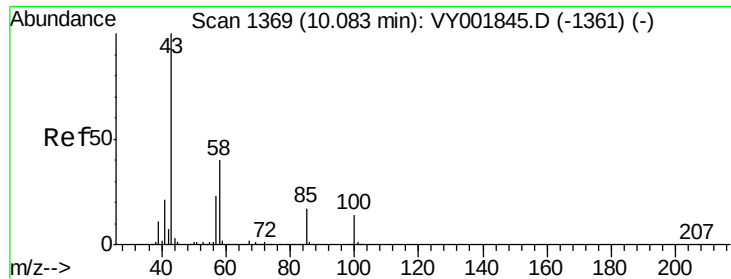
Tot Ion:117 Resp: 13998
 Ion Ratio Lower Upper
 117 100
 119 5.5 76.3 114.5#
 121 0.0 23.5 35.3#



#50
 Toluene-d8
 Concen: 52.230 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY002021.D
 Acq: 19 Mar 2020 15:05

Tgt Ion: 98 Resp: 314187
 Ion Ratio Lower Upper
 98 100
 100 65.5 53.0 79.4

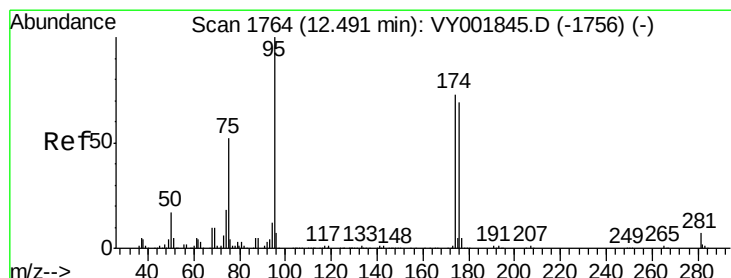
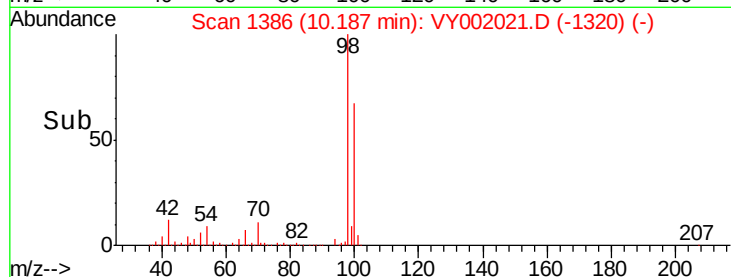
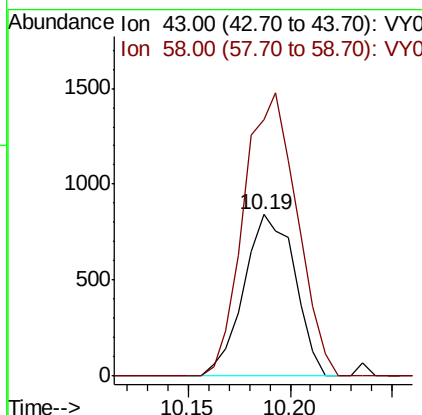
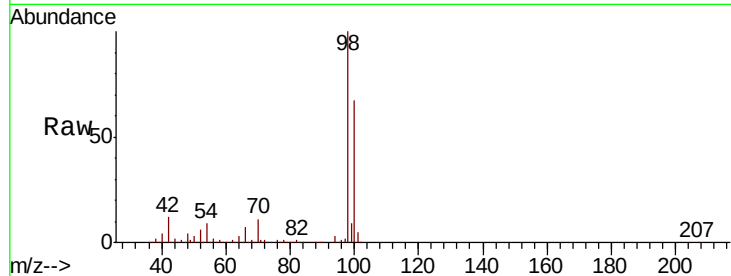




#51
 4-Methyl-2-Pentanone
 Concen: 1.027 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.10 min
 Lab File: VY002021.D
 Acq: 19 Mar 2020 15:05

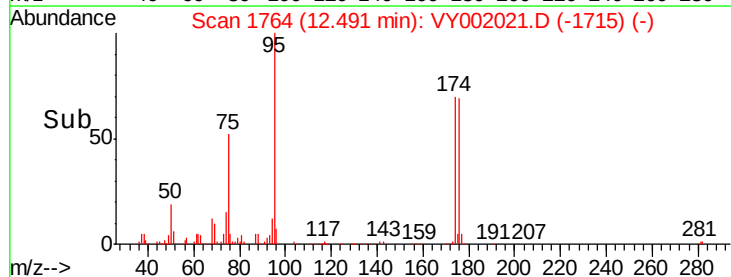
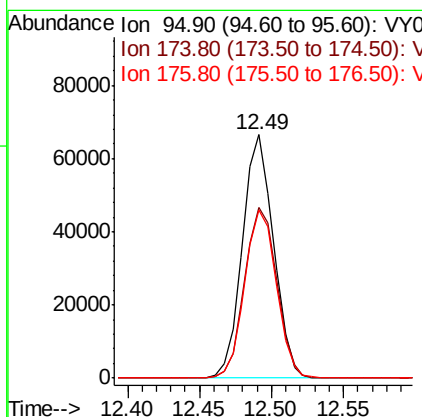
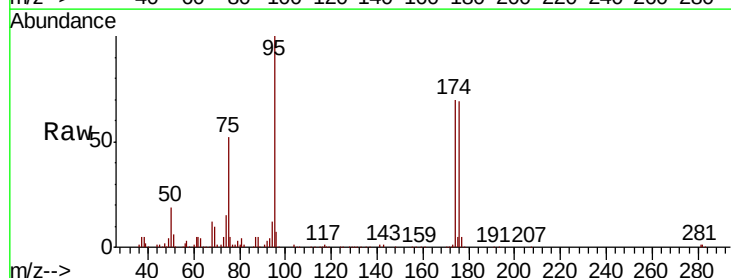
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 TP-5-(0.5-1.5)

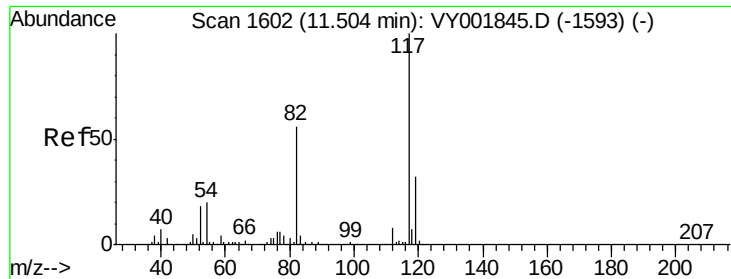
Tot Ion: 43 Resp: 1463
 Ion Ratio Lower Upper
 43 100
 58 183.0 32.0 48.0#



#62
 4-Bromofluorobenzene
 Concen: 47.501 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002021.D
 Acq: 19 Mar 2020 15:05

Tgt Ion: 95 Resp: 99355
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 145.0
 176 70.3 0.0 137.4

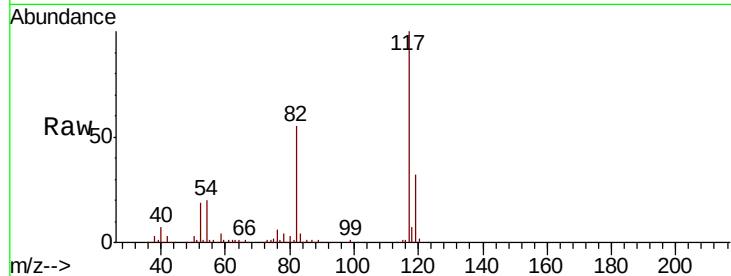




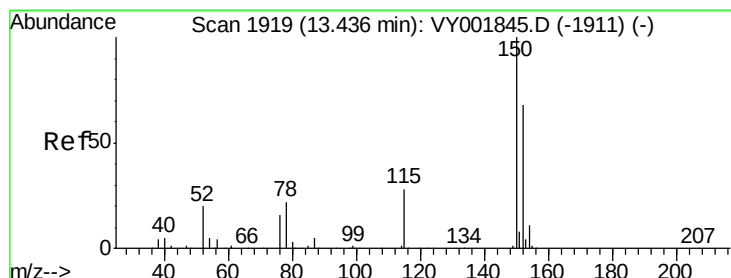
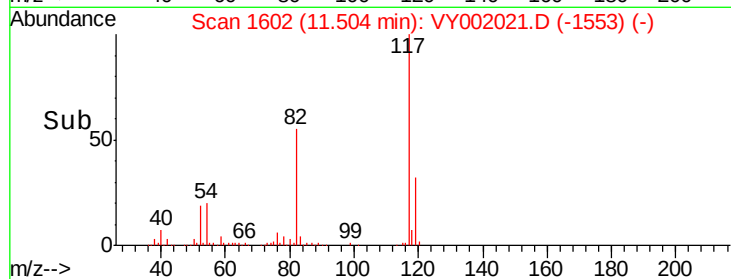
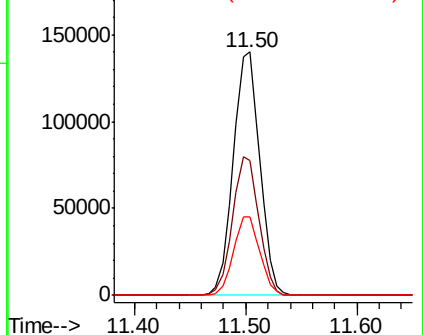
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002021.D
Acq: 19 Mar 2020 15:05

Instrument :
MSVOA_Y
ClientSampleId :
TP-5-(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.5	66.7
119	32.2	25.7	38.5

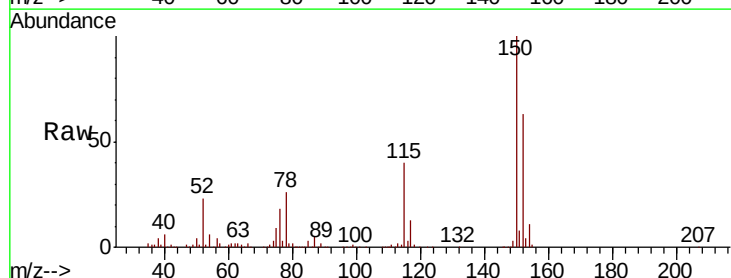


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

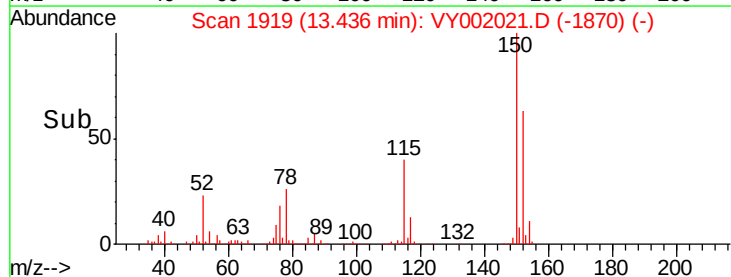
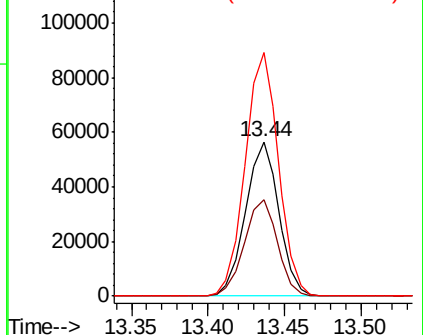


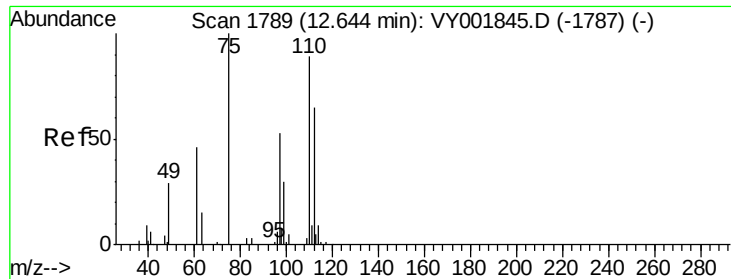
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002021.D
Acq: 19 Mar 2020 15:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	29.9	89.7
150	157.8	0.0	340.6



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

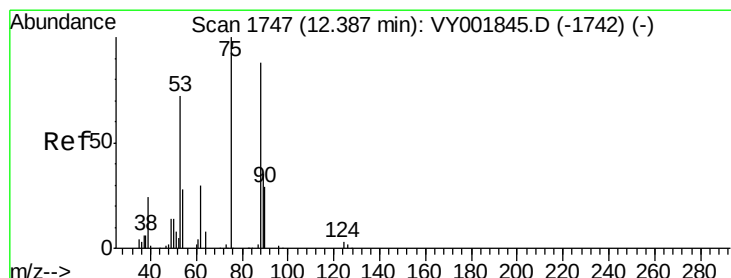
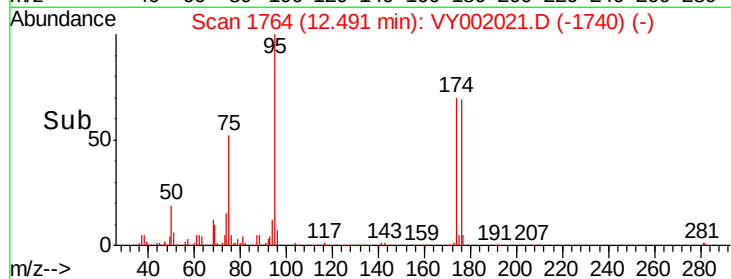
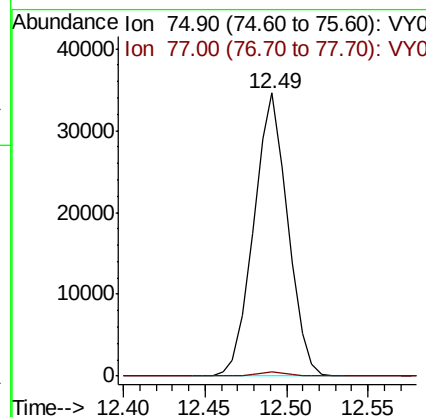
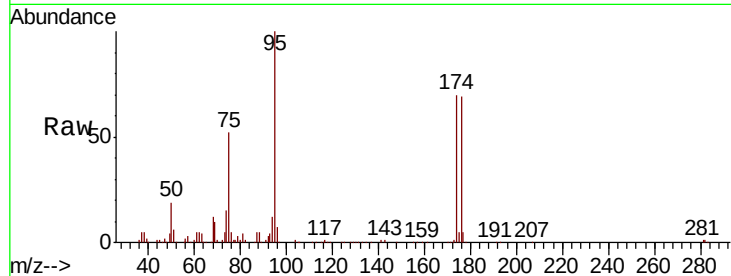




#76
 1,2,3-Trichloropropane
 Concen: 49.707 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY002021.D
 Acq: 19 Mar 2020 15:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-(0.5-1.5)

Tot Ion: 75 Resp: 50283
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.405 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY002021.D
 Acq: 19 Mar 2020 15:05

Tgt Ion: 75 Resp: 50283
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.4 98.0#
 89 0.2 36.0 54.0#

