

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
 Data File : VY001815.D
 Acq On : 02 Mar 2020 13:13
 Operator : SY/MD
 Sample : L1743-05
 Misc : 7.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-9

Quant Time: Mar 02 13:45:06 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	7.81	168	150424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	256663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	106682	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	91252	56.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.80%	
35) Dibromofluoromethane	7.74	113	83500	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
50) Toluene-d8	10.19	98	348839	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.46%	
62) 4-Bromofluorobenzene	12.49	95	112361	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	

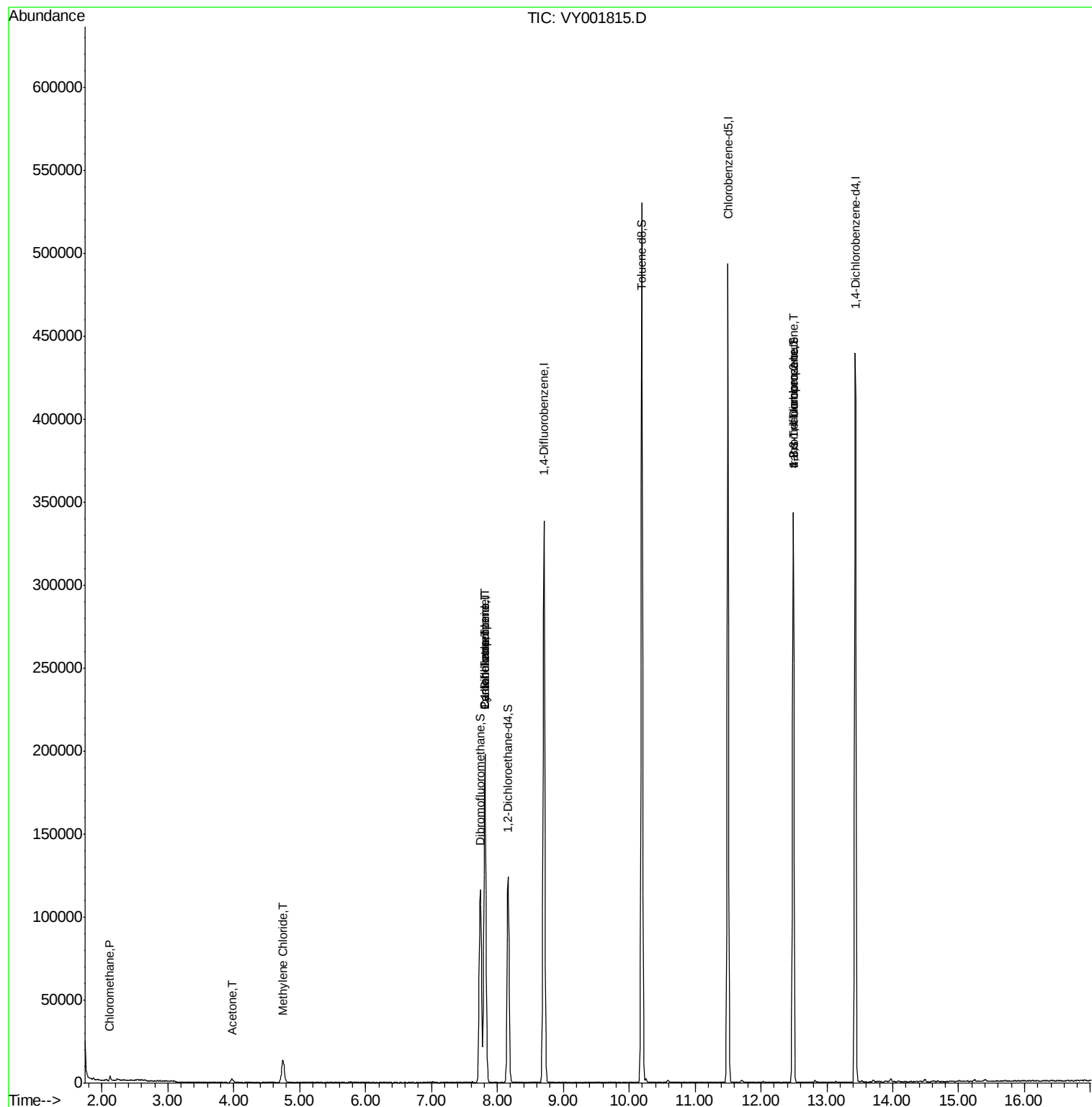
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	2475	1.25	ug/l	96
11) Tert butyl alcohol	4.99	59	85	Below Cal	#	74
16) Acetone	3.96	43	3915	6.99	ug/l	# 73
20) Methylene Chloride	4.74	84	9978	5.02	ug/l	# 91
31) Cyclohexane	7.81	56	3448	1.01	ug/l	# 12
36) 1,1-Dichloropropene	7.81	75	12959	4.69	ug/l	# 49
38) Carbon Tetrachloride	7.81	117	15027	6.19	ug/l	# 18
76) 1,2,3-Trichloropropane	12.49	75	57693	47.14	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	57693	89.44	ug/l	# 17

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001815.D

Acq: 02 Mar 2020 13:13

Instrument :

MSVOA_Y

ClientSampled :

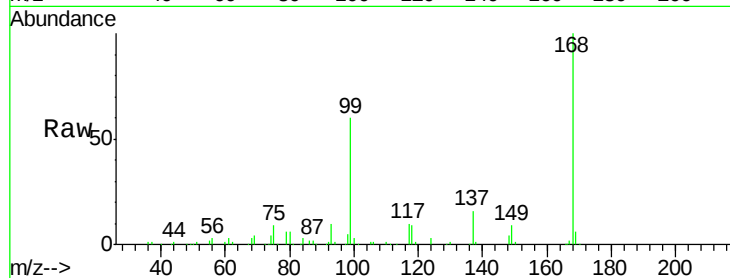
G-9

Tgt Ion:168 Resp: 150424

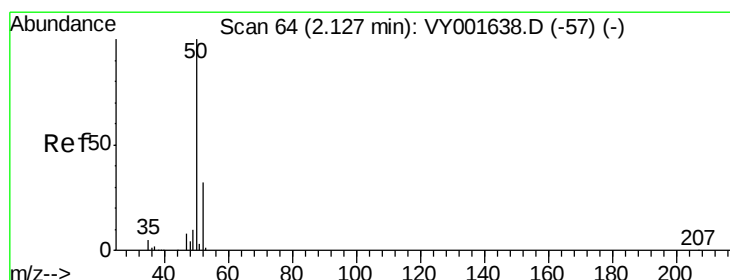
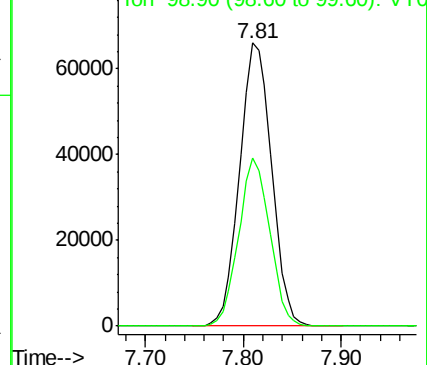
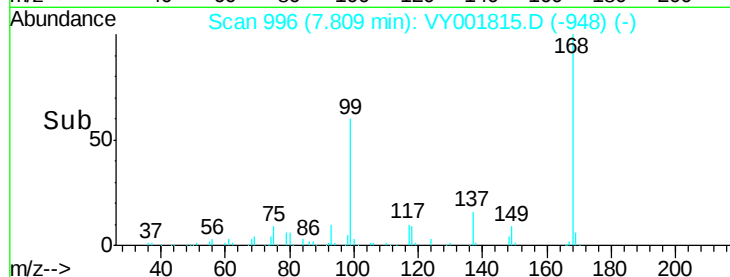
Ion Ratio Lower Upper

168 100

99 59.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001815.D (-948) (-)



#3

Chloromethane

Concen: 1.25 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001815.D

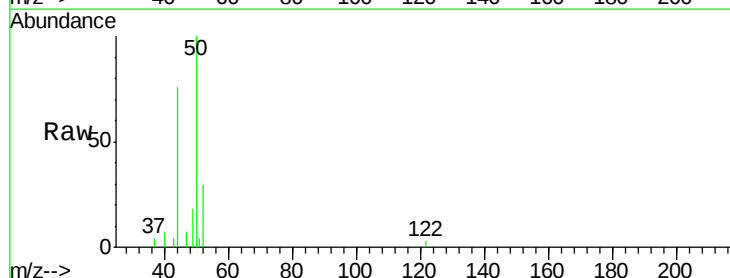
Acq: 02 Mar 2020 13:13

Tgt Ion: 50 Resp: 2475

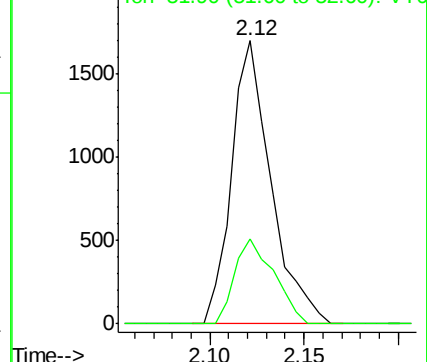
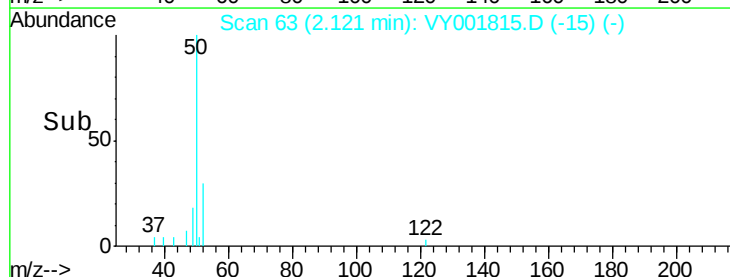
Ion Ratio Lower Upper

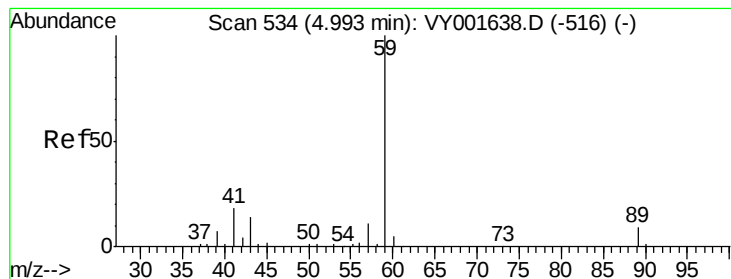
50 100

52 30.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001815.D (-15) (-)



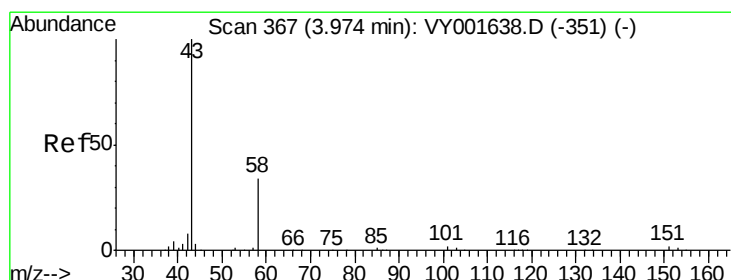
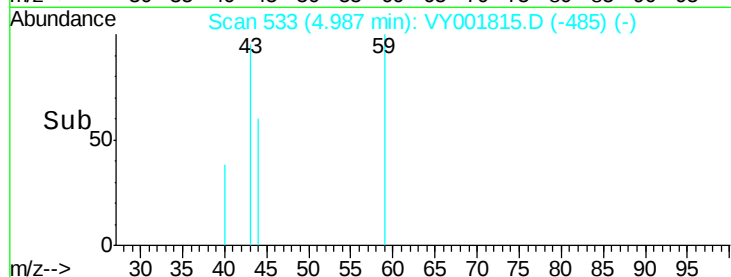
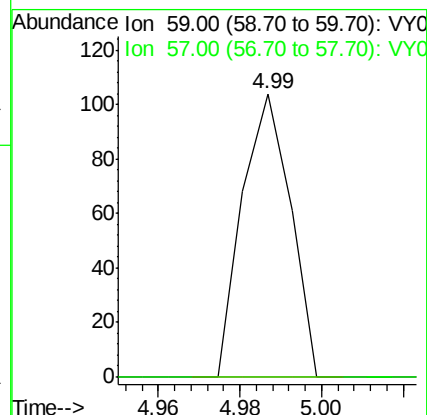
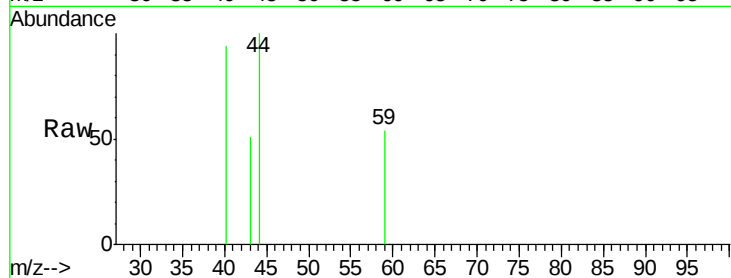


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001815.D
 Acq: 02 Mar 2020 13:13

Instrument :
 MSVOA_Y
 ClientSampleId :
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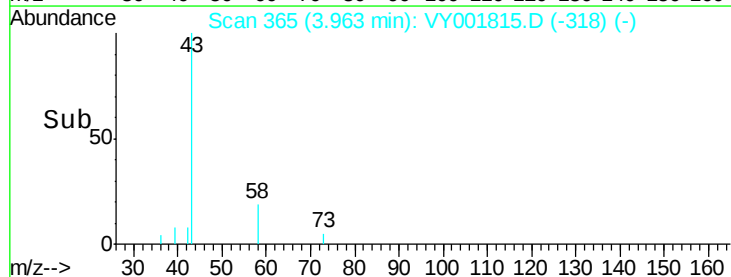
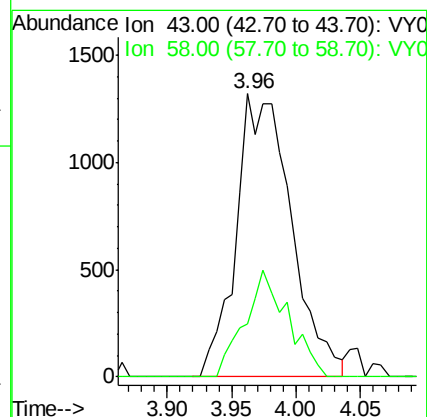
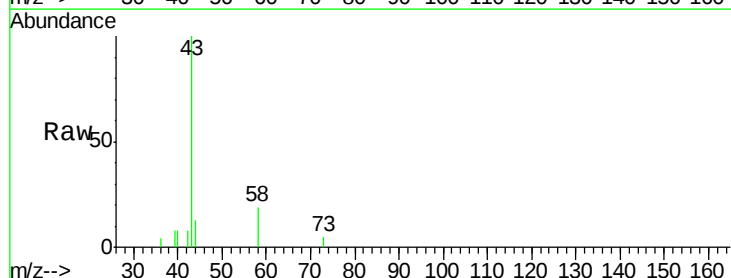
Tgt Ion: 59 Resp: 85
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

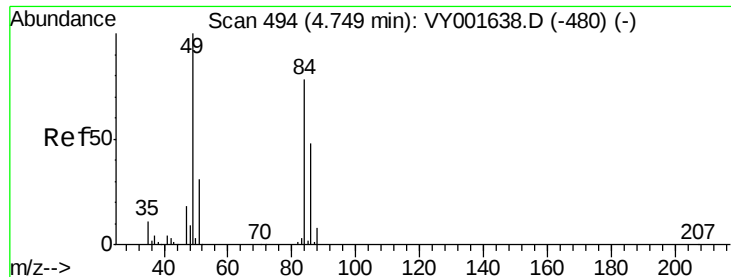


#16

Acetone
 Concen: 6.99 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VY001815.D
 Acq: 02 Mar 2020 13:13

Tgt Ion: 43 Resp: 3915
 Ion Ratio Lower Upper
 43 100
 58 18.9 27.3 40.9#

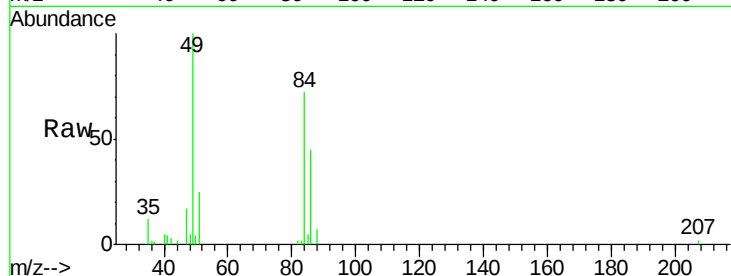




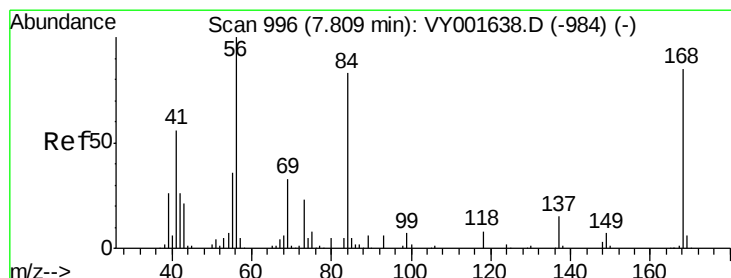
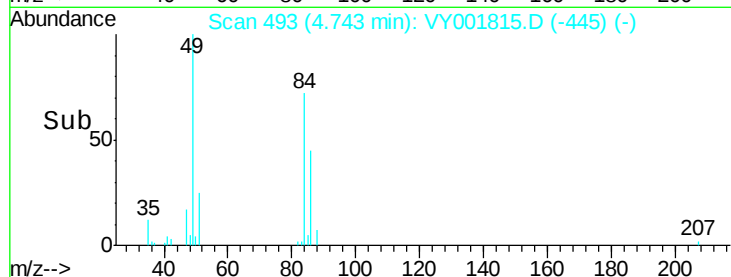
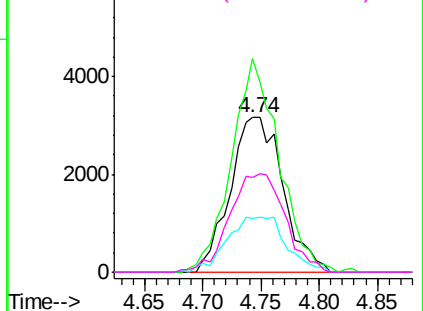
#20
Methylene Chloride
Concen: 5.02 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001815.D
Acq: 02 Mar 2020 13:13

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 84 Resp: 9978
Ion Ratio Lower Upper
84 100
49 138.0 99.2 148.8
51 35.0 31.5 47.3
86 61.5 51.0 76.6

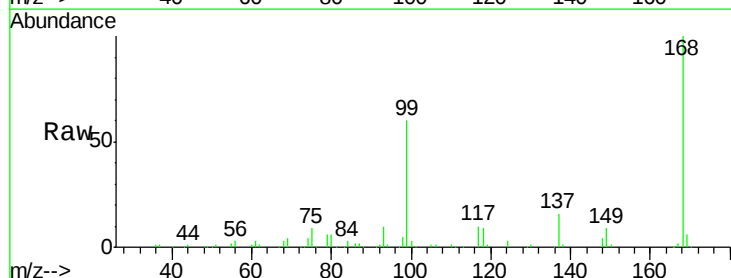


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

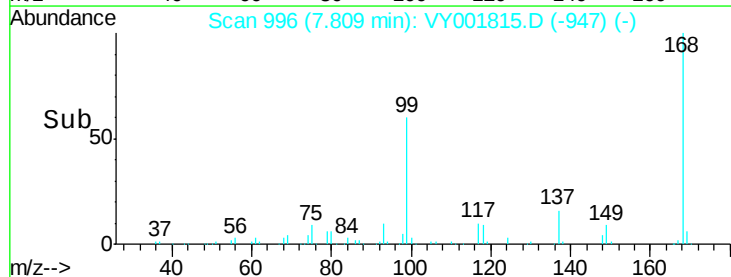
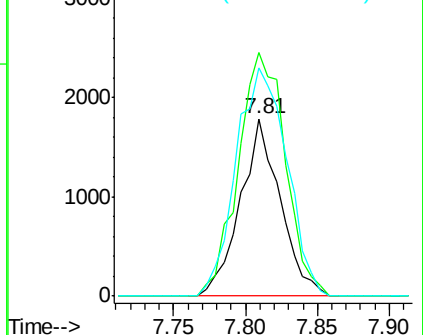


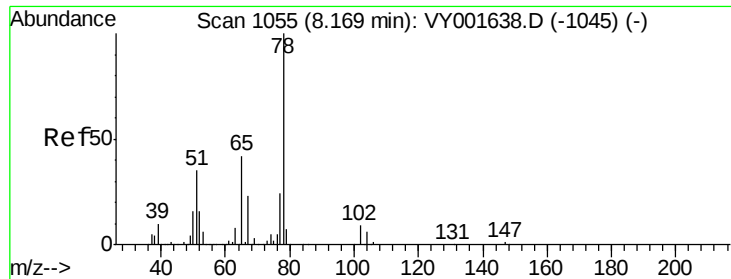
#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001815.D
Acq: 02 Mar 2020 13:13

Tgt Ion: 56 Resp: 3448
Ion Ratio Lower Upper
56 100
69 137.2 25.1 37.7#
84 128.6 66.9 100.3#



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

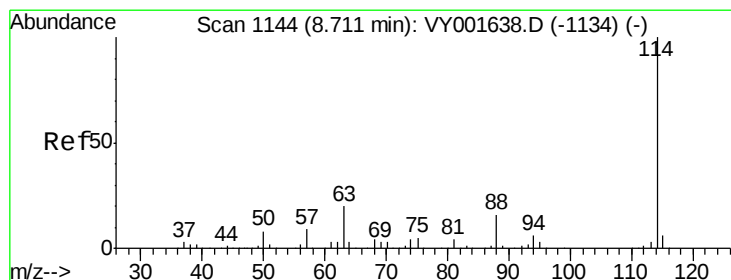
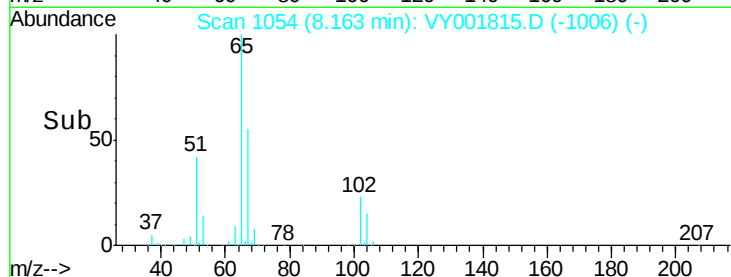
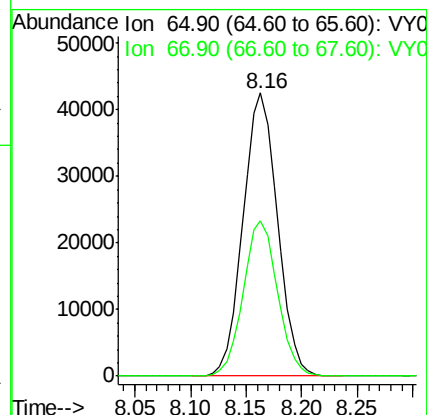
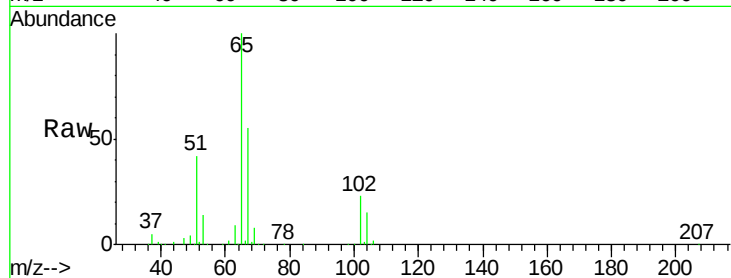




#33
 1,2-Dichloroethane-d4
 Concen: 56.40 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001815.D
 Acq: 02 Mar 2020 13:13

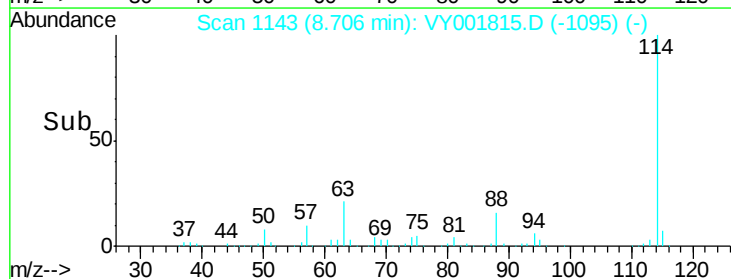
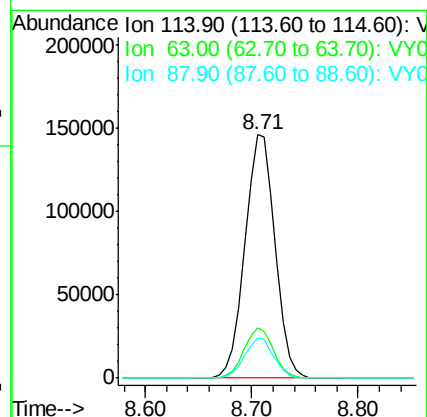
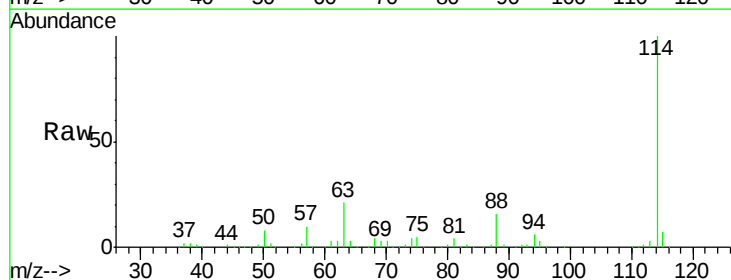
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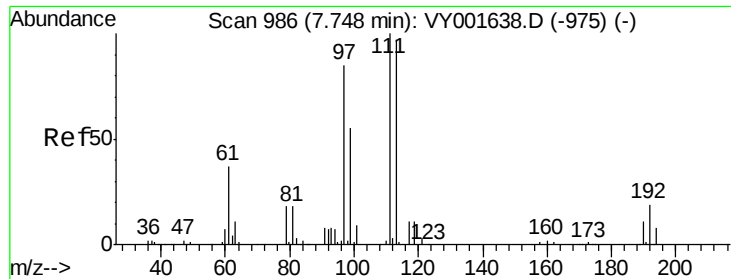
Tgt Ion: 65 Resp: 91252
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001815.D
 Acq: 02 Mar 2020 13:13

Tgt Ion: 114 Resp: 289342
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 16.2 0.0 32.8

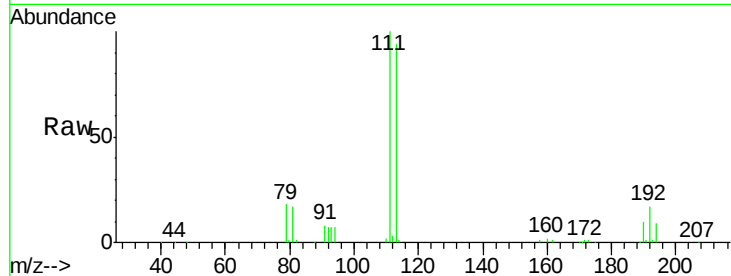




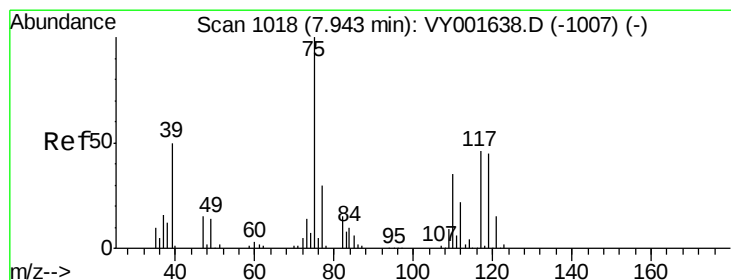
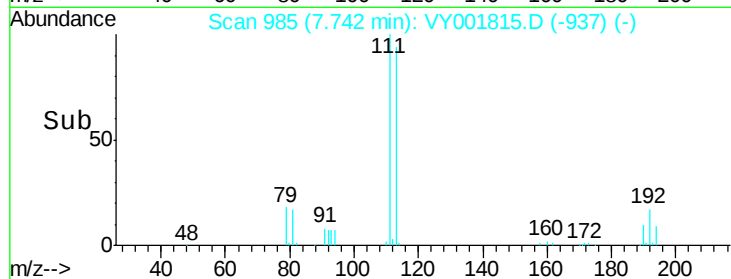
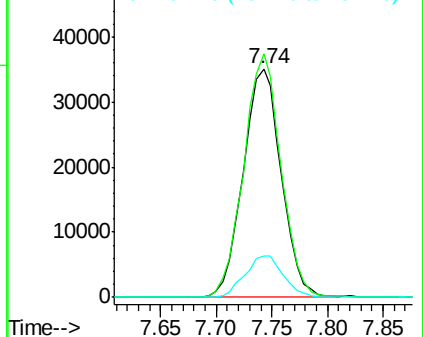
#35
 Dibromofluoromethane
 Concen: 50.39 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001815.D
 Acq: 02 Mar 2020 13:13

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:113 Resp: 83500
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.9 122.9
 192 18.4 14.3 21.5

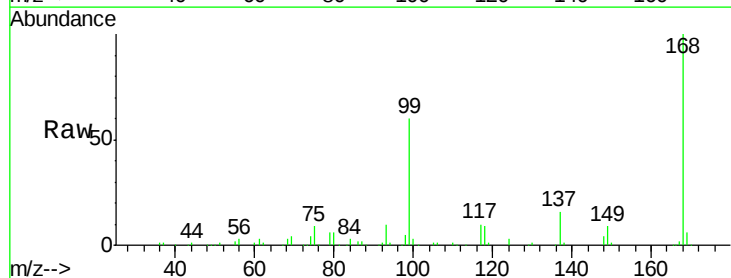


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

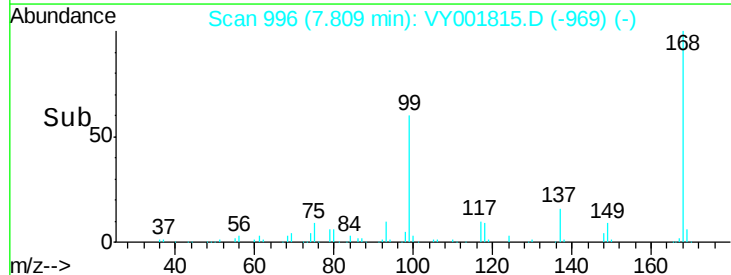
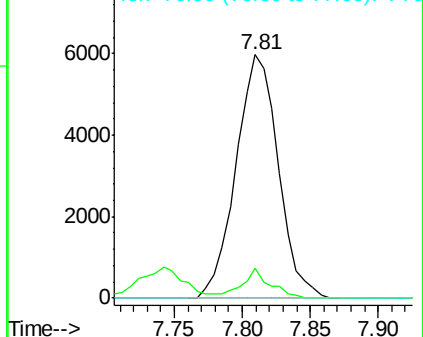


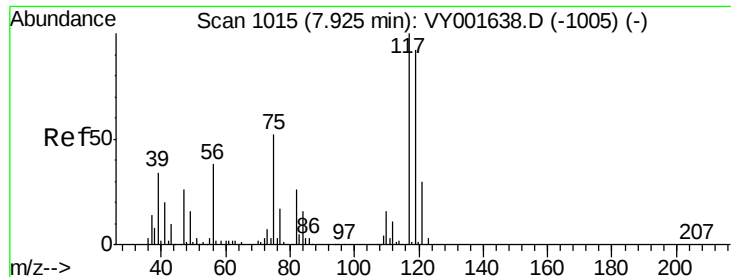
#36
 1,1-Dichloropropene
 Concen: 4.69 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001815.D
 Acq: 02 Mar 2020 13:13

Tgt Ion: 75 Resp: 12959
 Ion Ratio Lower Upper
 75 100
 110 7.9 17.2 51.6#
 77 0.0 24.8 37.2#



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

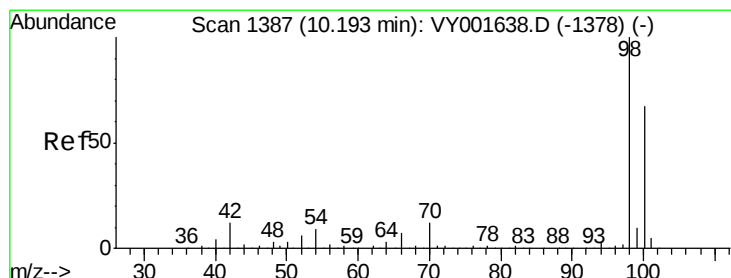
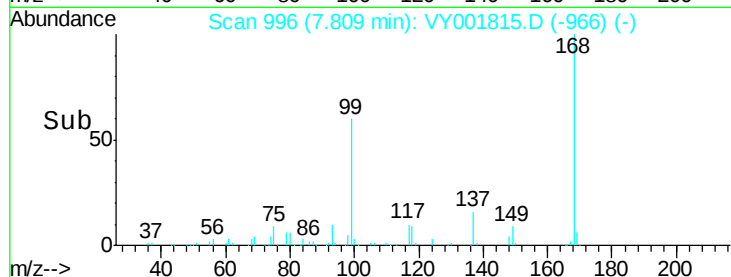
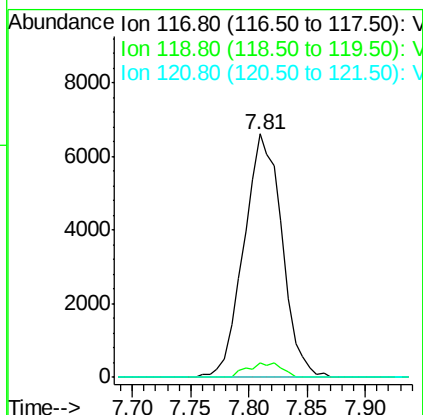
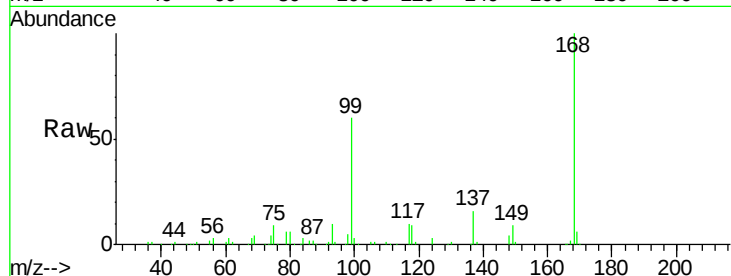




#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001815.D
Acq: 02 Mar 2020 13:13

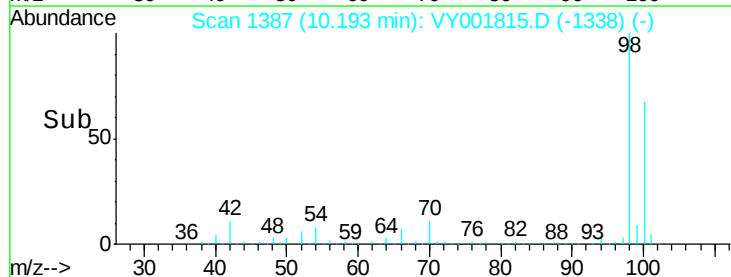
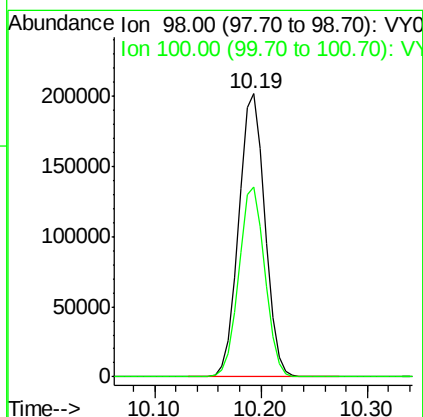
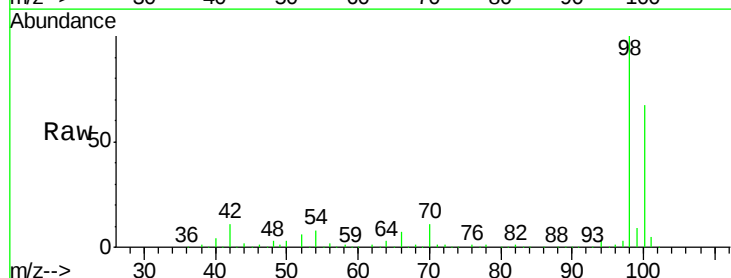
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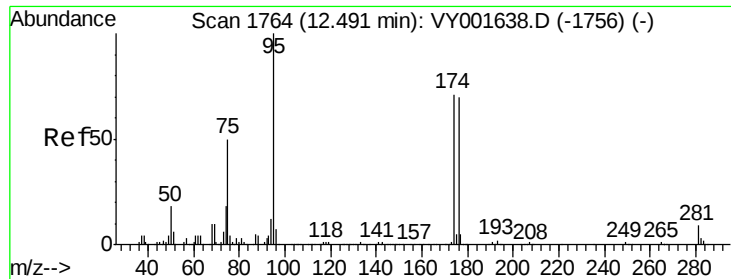
Tgt Ion:117 Resp: 15027
Ion Ratio Lower Upper
117 100
119 6.0 74.8 112.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 53.73 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001815.D
Acq: 02 Mar 2020 13:13

Tgt Ion: 98 Resp: 348839
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4

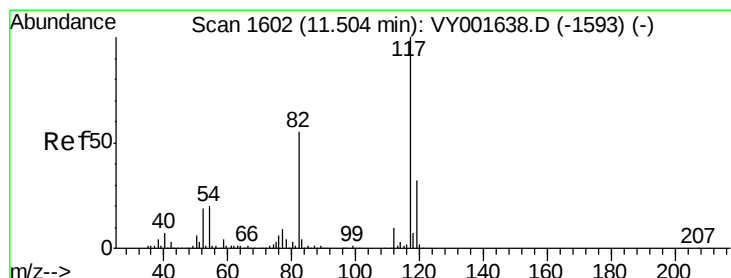
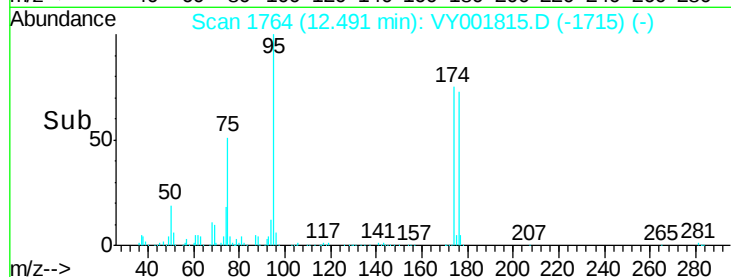
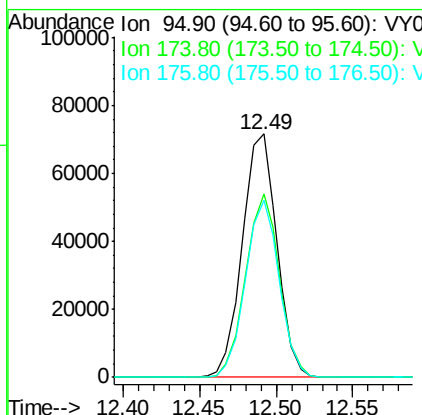
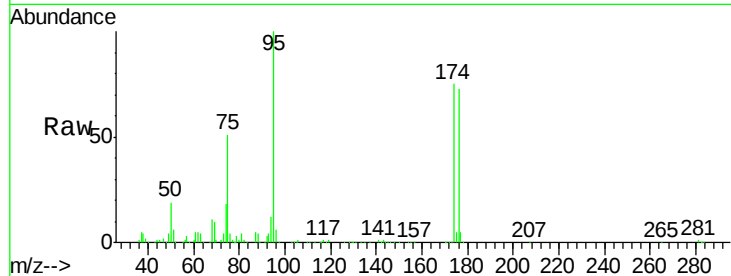




#62
4-Bromofluorobenzene
Concen: 44.55 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001815.D
Acq: 02 Mar 2020 13:13

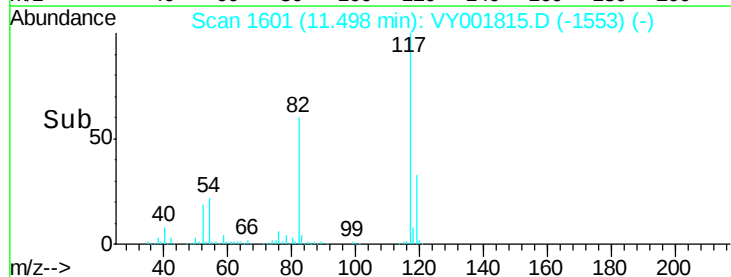
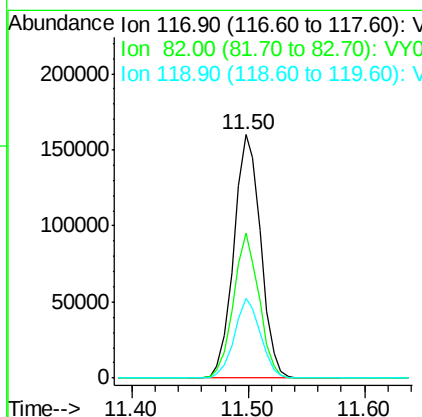
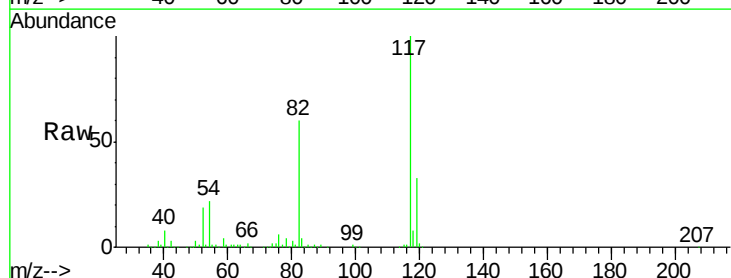
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ClientSampleId :
G-9

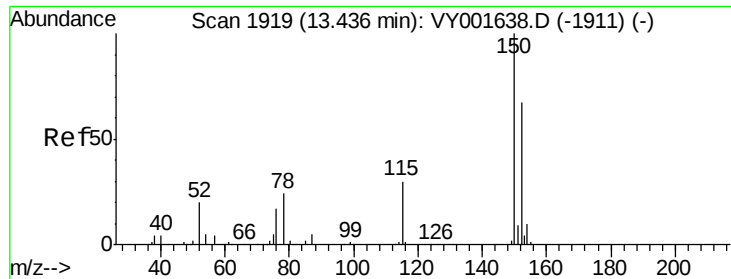
Tgt Ion: 95 Resp: 112361
Ion Ratio Lower Upper
95 100
174 73.6 0.0 138.4
176 70.8 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001815.D
Acq: 02 Mar 2020 13:13

Tgt Ion: 117 Resp: 256663
Ion Ratio Lower Upper
117 100
82 59.6 45.5 68.3
119 32.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001815.D

Acq: 02 Mar 2020 13:13

Instrument :

MSVOA_Y

ClientSampled :

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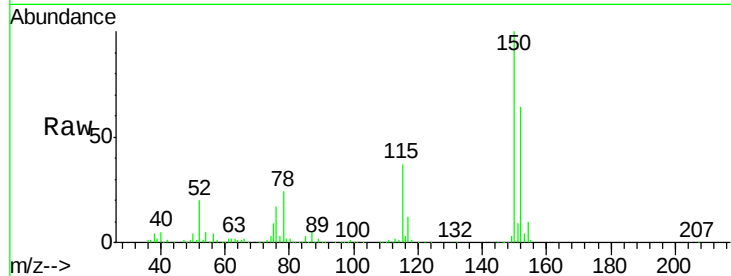
Tgt Ion:152 Resp: 106682

Ion Ratio Lower Upper

152 100

115 60.8 31.4 94.2

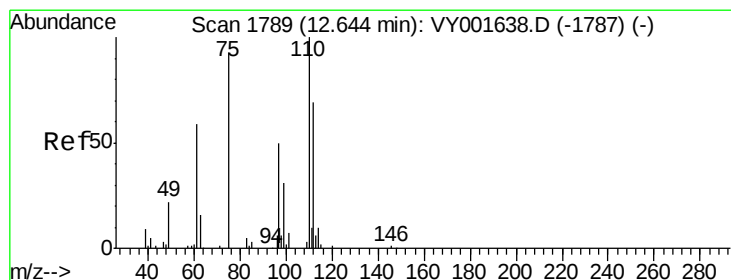
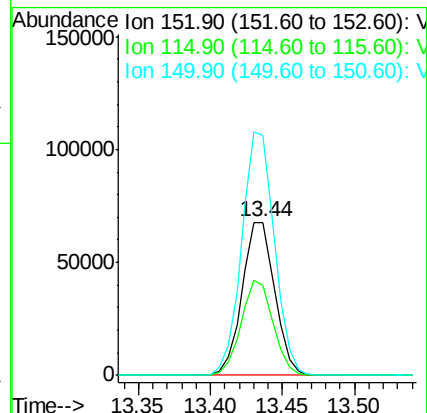
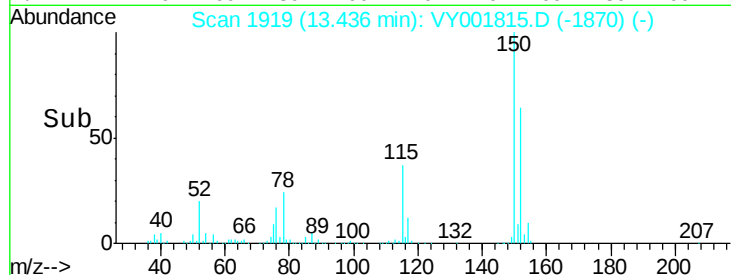
150 158.6 0.0 407.2



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: 47.14 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001815.D

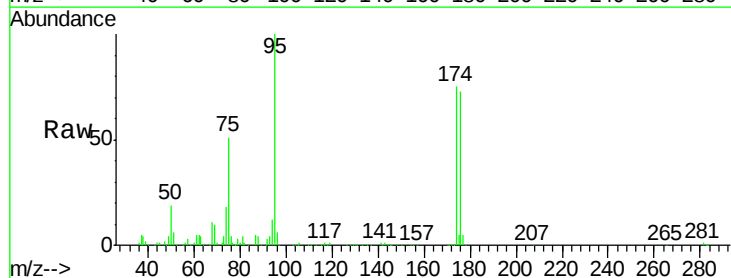
Acq: 02 Mar 2020 13:13

Tgt Ion: 75 Resp: 57693

Ion Ratio Lower Upper

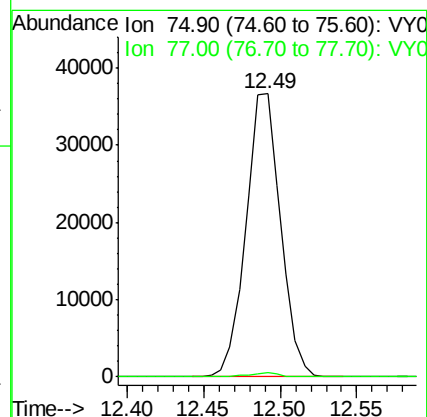
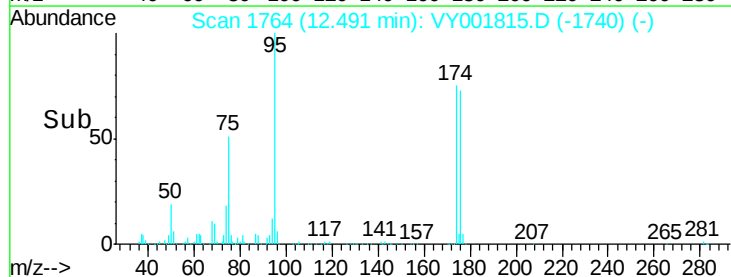
75 100

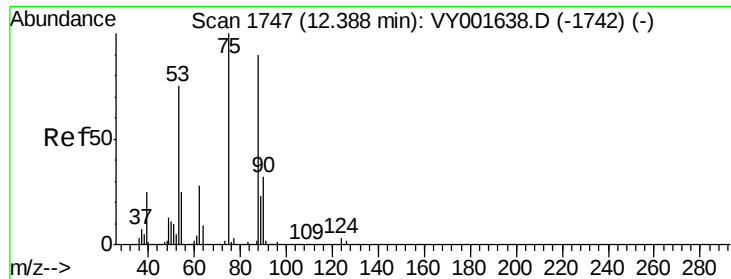
77 1.3 0.0 0.0#



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: 89.44 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001815.D

Acq: 02 Mar 2020 13:13

Instrument :

MSVOA_Y

ClientSampleId :

G-9

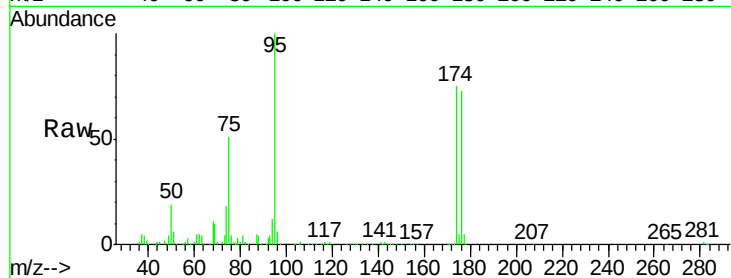
Tgt Ion: 75 Resp: 57693

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.1 36.3 54.5#



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

