

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
 Data File : VY001583.D
 Acq On : 10 Feb 2020 14:12
 Operator : SY/MD
 Sample : L1473-02RE
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 05:58:26 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	177472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	315864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	289079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	131806	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	107725	60.29	ug/l	0.00
Spiked Amount			Recovery	=	120.58%	
35) Dibromofluoromethane	7.74	113	93026	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
50) Toluene-d8	10.19	98	378577	54.94	ug/l	0.00
Spiked Amount			Recovery	=	109.88%	
62) 4-Bromofluorobenzene	12.49	95	133658	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	

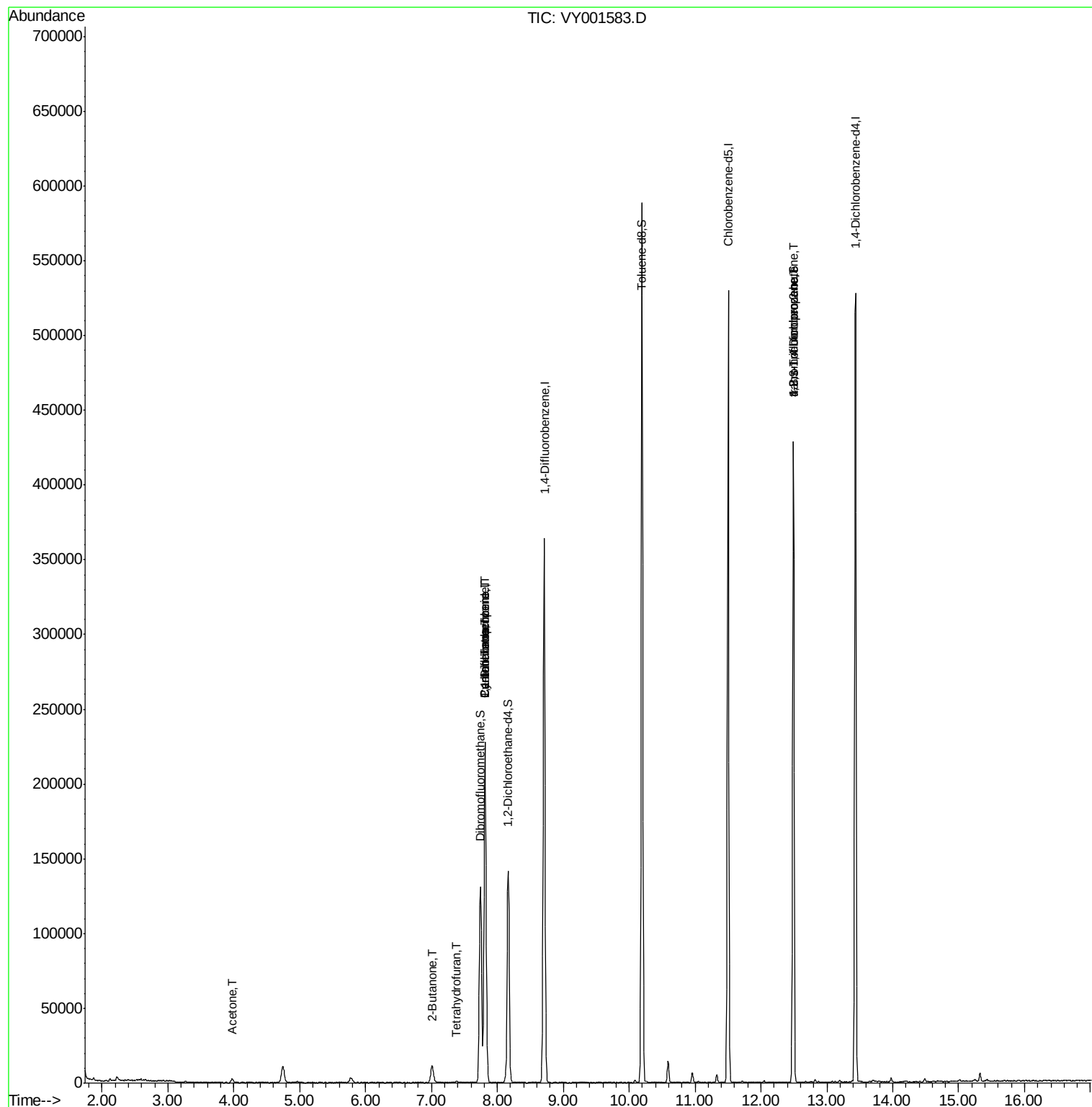
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	891	Below Cal	#	76
16) Acetone	3.97	43	4630	8.958	ug/l #	82
20) Methylene Chloride	4.75	84	8134	Below Cal		91
25) 2-Butanone	7.02	43	2831	4.222	ug/l #	80
29) Tetrahydrofuran	7.38	42	632	1.572	ug/l #	59
31) Cyclohexane	7.81	56	3874	1.113	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	13862	4.797	ug/l #	49
38) Carbon Tetrachloride	7.82	117	17002	6.082	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	67943	47.933	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	67943	92.749	ug/l #	16

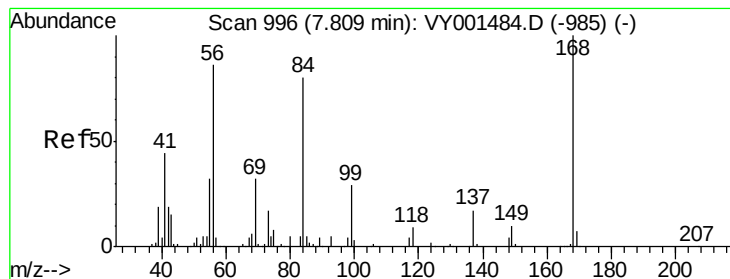
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 997

Delta R.T. 0.01 min

Lab File: VY001583.D

Acq: 10 Feb 2020 14:12

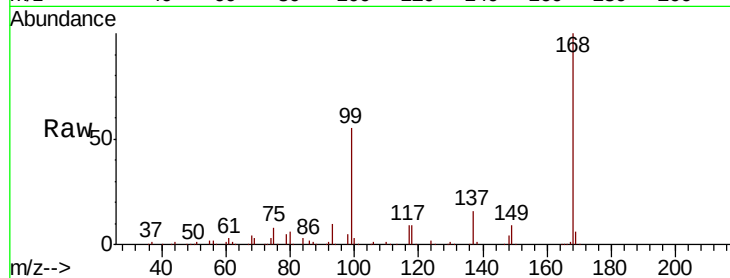
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 177472

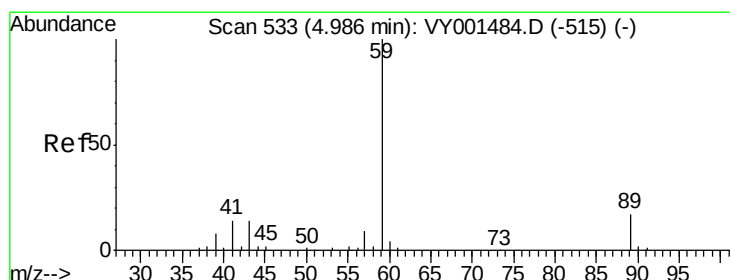
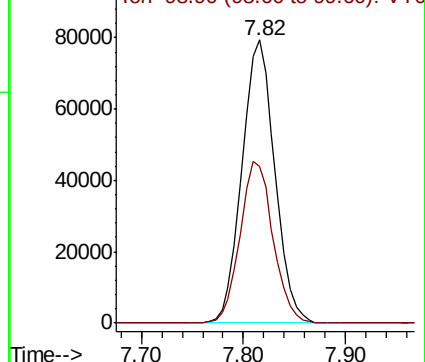
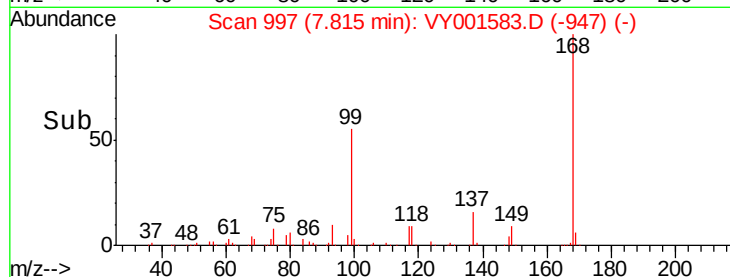
Ion Ratio Lower Upper

168 100

99 55.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001583.D (-947) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 528

Delta R.T. -0.03 min

Lab File: VY001583.D

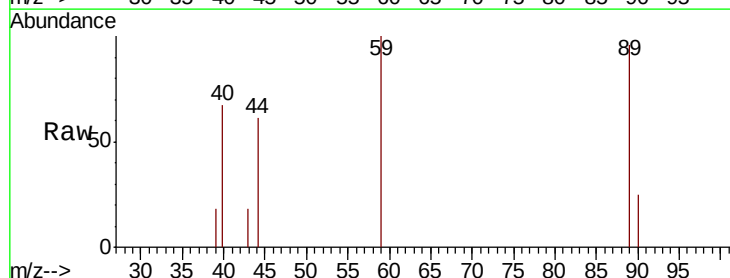
Acq: 10 Feb 2020 14:12

Tgt Ion: 59 Resp: 891

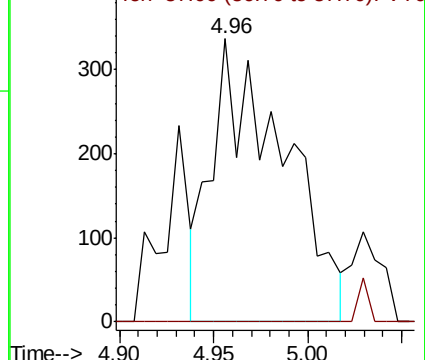
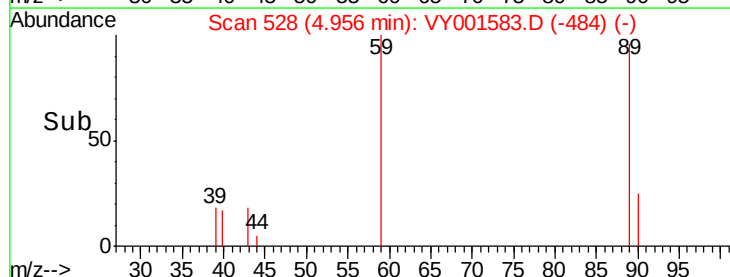
Ion Ratio Lower Upper

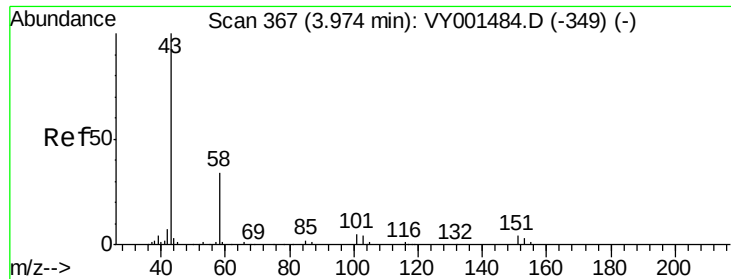
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001583.D (-484) (-)





#16

Acetone

Concen: 8.958 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001583.D

Acq: 10 Feb 2020 14:12

Instrument :

MSVOA_Y

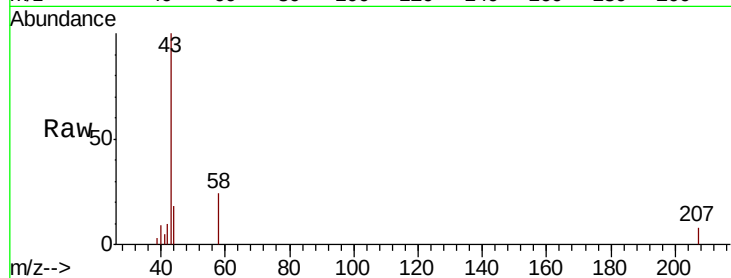
ClientSampleId :

Tot Ion: 43 Resp: 4630

Ion Ratio Lower Upper

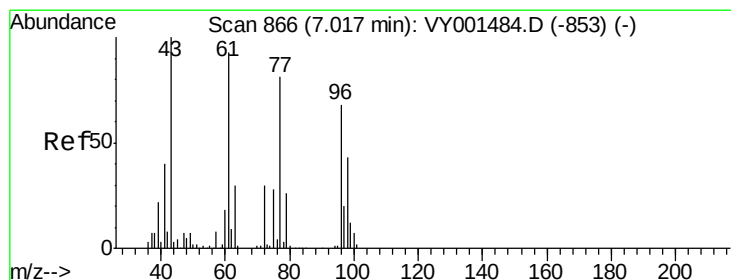
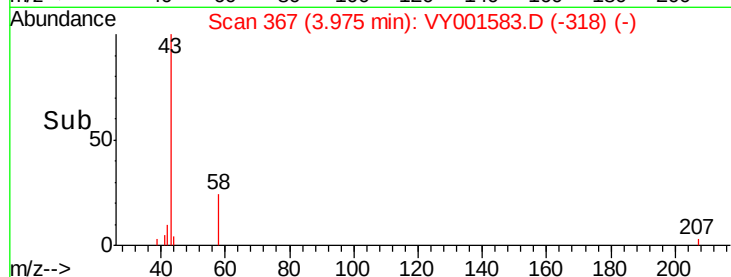
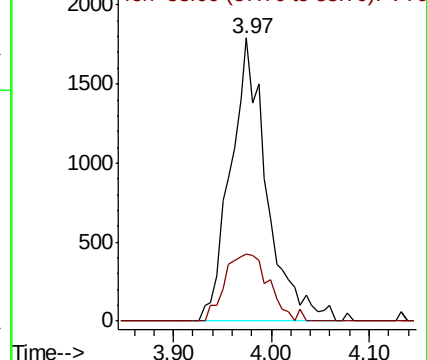
43 100

58 23.8 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#25

2-Butanone

Concen: 4.222 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001583.D

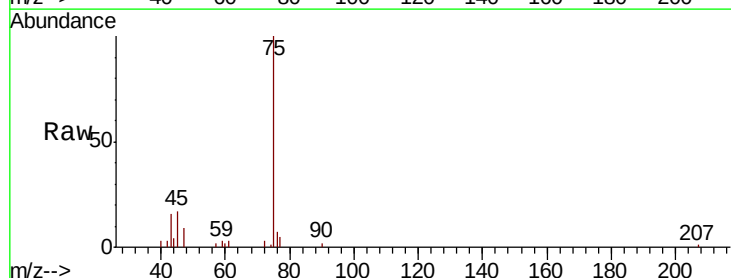
Acq: 10 Feb 2020 14:12

Tgt Ion: 43 Resp: 2831

Ion Ratio Lower Upper

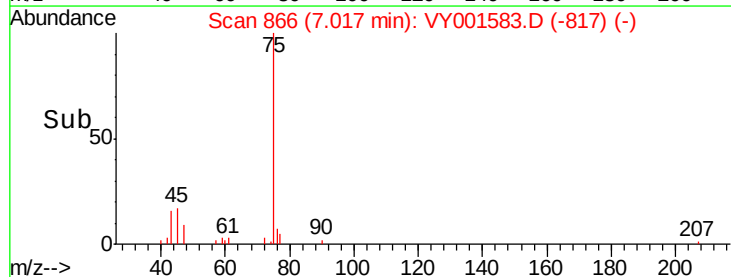
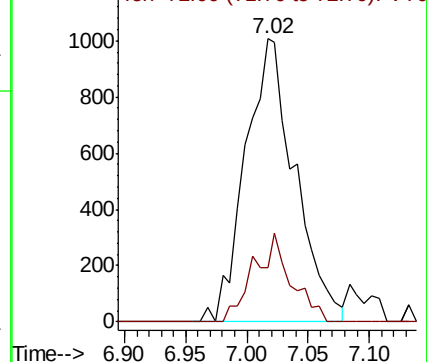
43 100

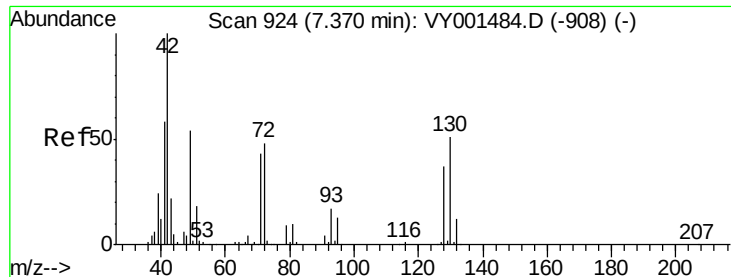
72 19.1 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

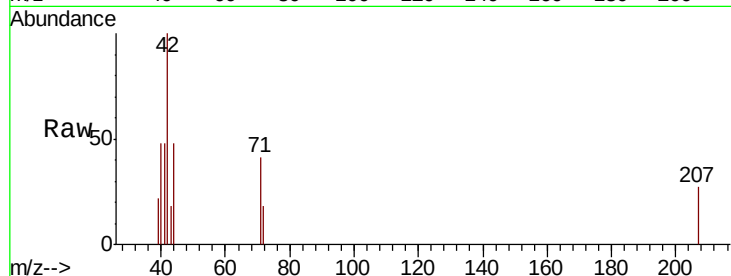




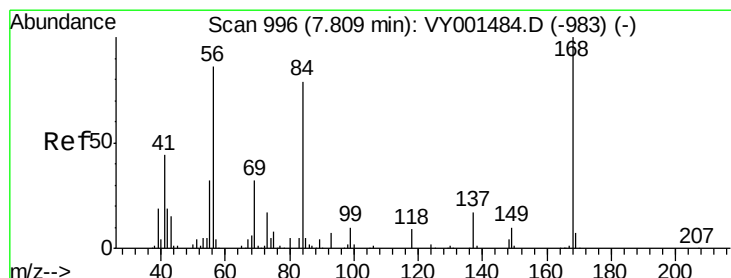
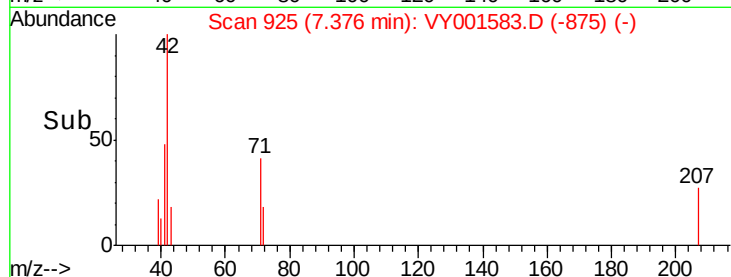
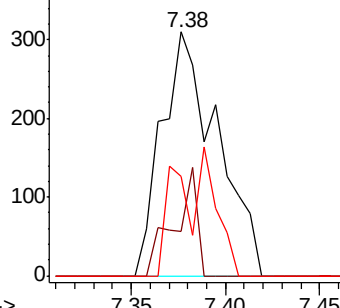
#29
Tetrahydrofuran
Concen: 1.572 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY001583.D
Acq: 10 Feb 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 632
Ion Ratio Lower Upper
42 100
72 18.0 37.8 56.6#
71 18.4 34.8 52.2#

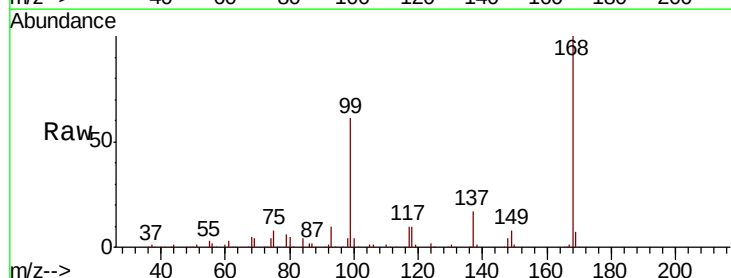


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

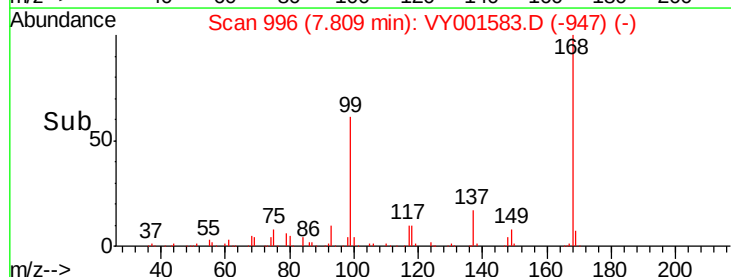
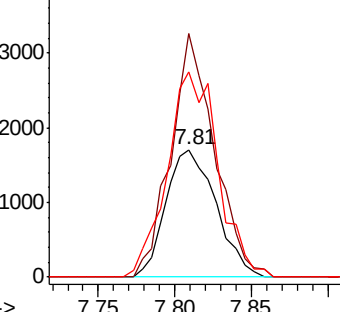


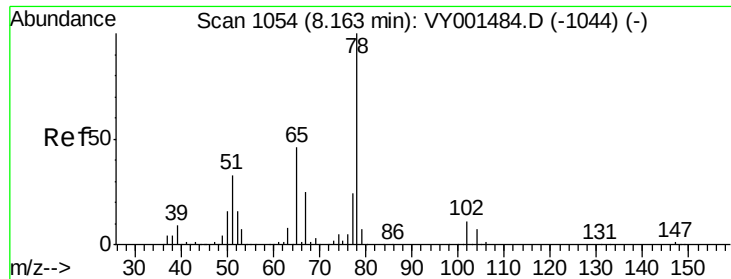
#31
Cyclohexane
Concen: 1.113 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001583.D
Acq: 10 Feb 2020 14:12

Tgt Ion: 56 Resp: 3874
Ion Ratio Lower Upper
56 100
69 191.5 29.6 44.4#
84 161.2 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

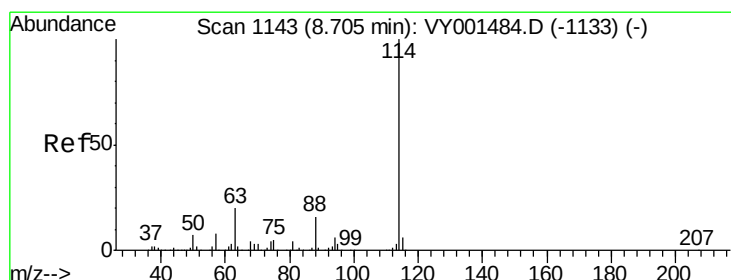
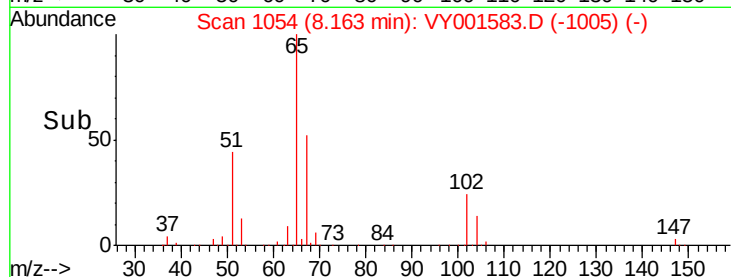
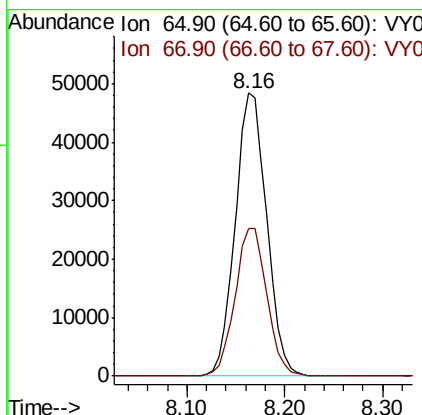
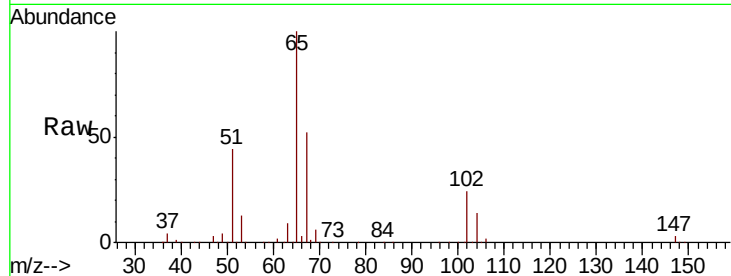




#33
 1,2-Dichloroethane-d4
 Concen: 60.286 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001583.D
 Acq: 10 Feb 2020 14:12

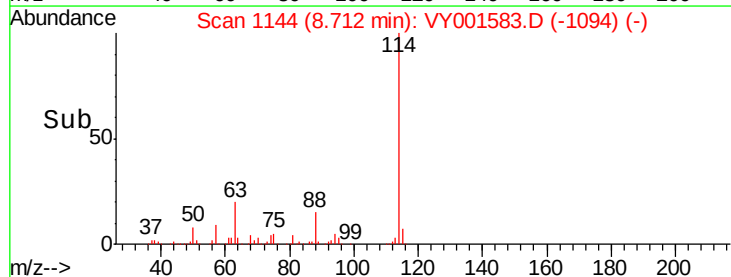
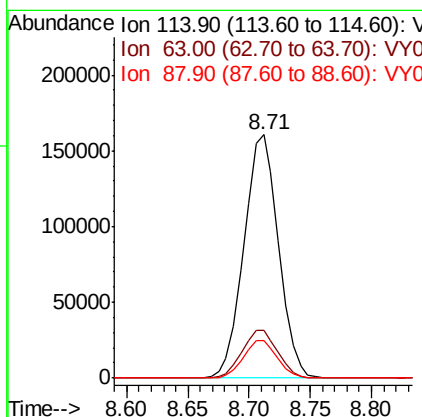
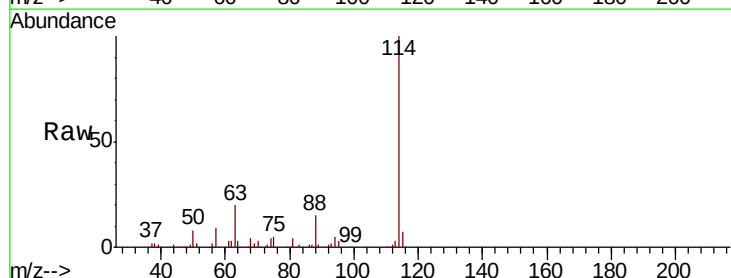
Instrument :
 MSVOA_Y
 ClientSampled :

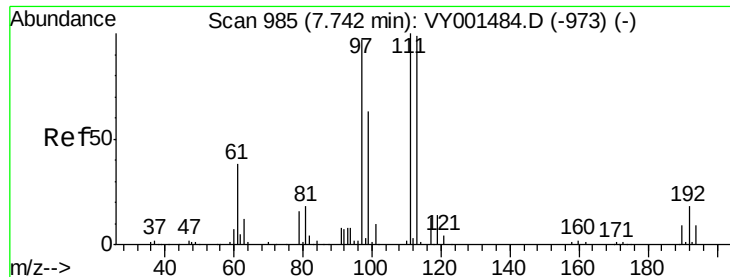
Tot Ion: 65 Resp: 107725
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001583.D
 Acq: 10 Feb 2020 14:12

Tgt Ion: 114 Resp: 315864
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.3 0.0 32.6

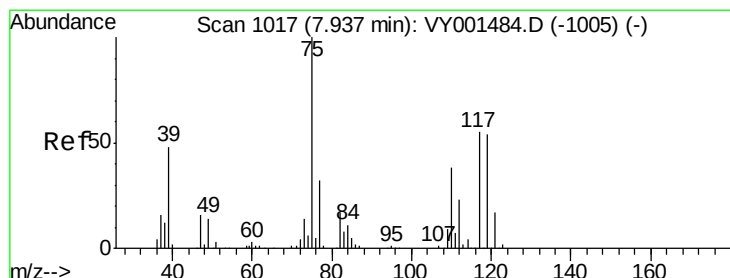
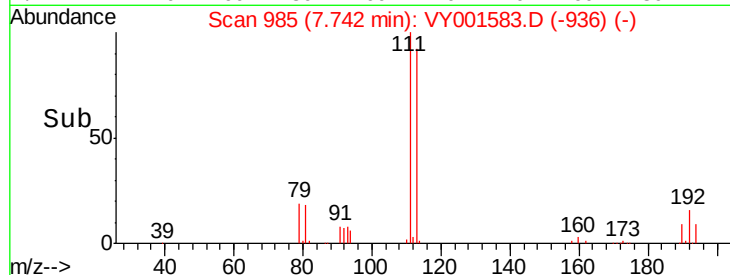
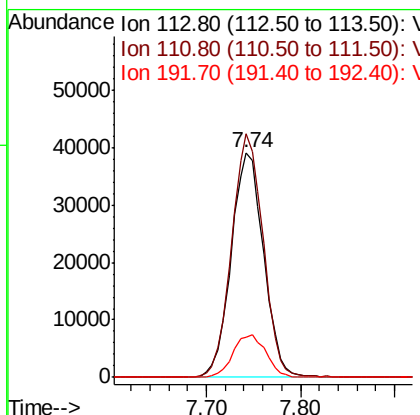
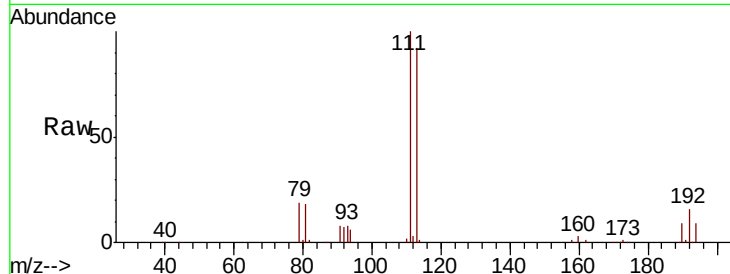




#35
 Dibromofluoromethane
 Concen: 51.073 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001583.D
 Acq: 10 Feb 2020 14:12

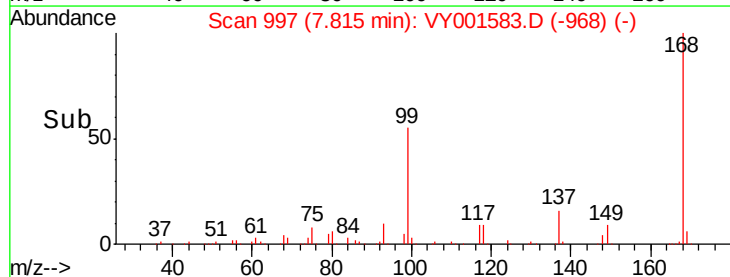
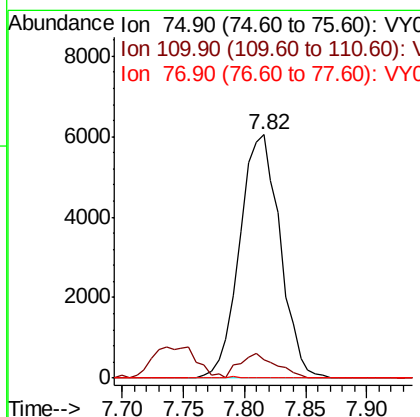
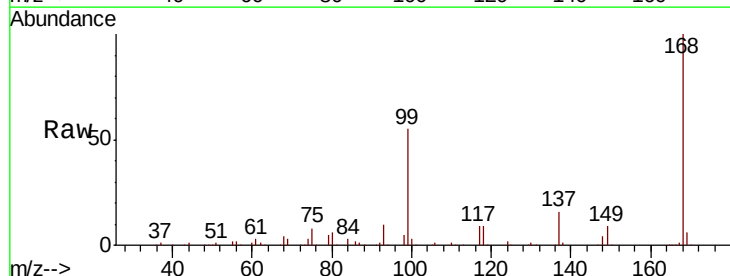
Instrument :
 MSVOA_Y
 ClientSampled :

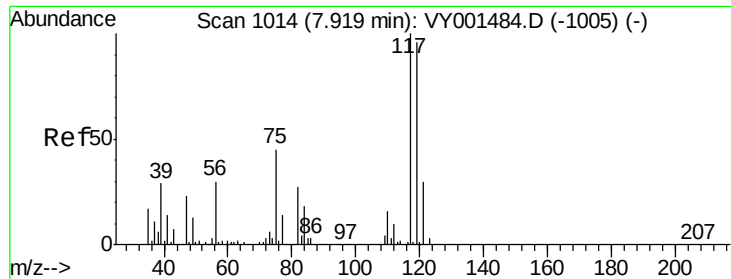
Tot Ion:113 Resp: 93026
 Ion Ratio Lower Upper
 113 100
 111 105.9 82.9 124.3
 192 19.4 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 4.797 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY001583.D
 Acq: 10 Feb 2020 14:12

Tgt Ion: 75 Resp: 13862
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.2 54.6#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.082 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.10 min

Lab File: VY001583.D

Acq: 10 Feb 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

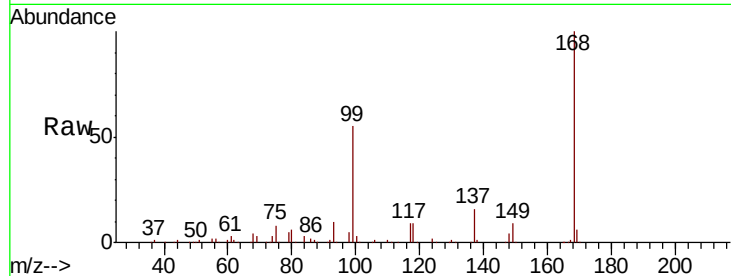
Tot Ion:117 Resp: 17002

Ion Ratio Lower Upper

117 100

119 5.1 76.4 114.6#

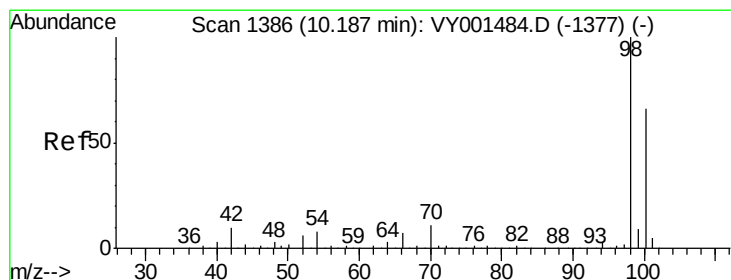
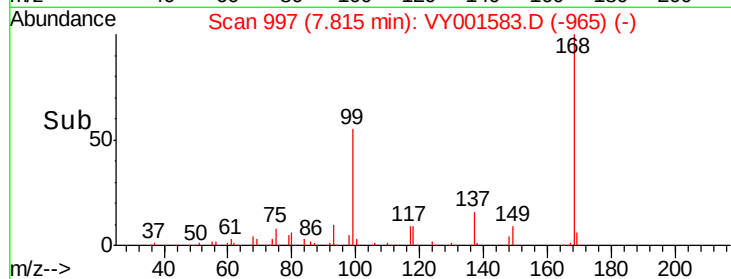
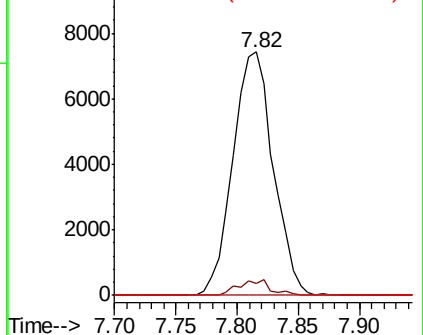
121 0.0 24.2 36.4#



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: 54.936 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001583.D

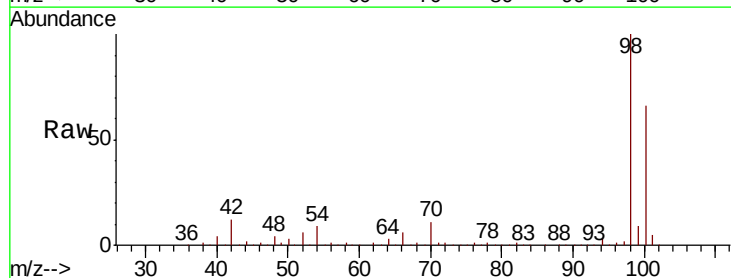
Acq: 10 Feb 2020 14:12

Tgt Ion: 98 Resp: 378577

Ion Ratio Lower Upper

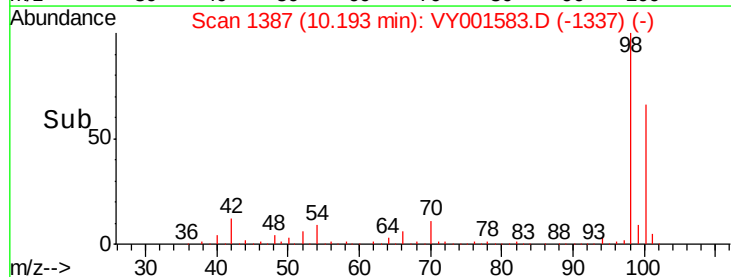
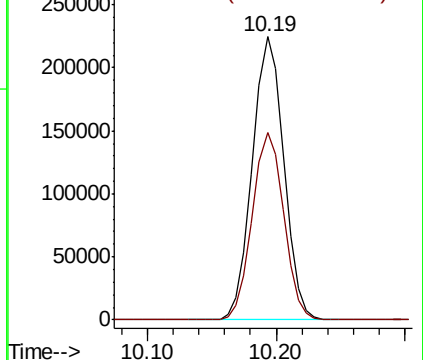
98 100

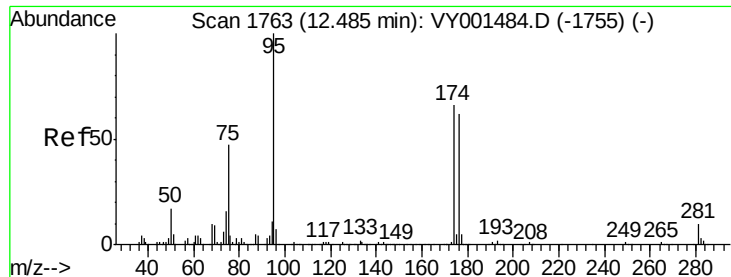
100 66.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

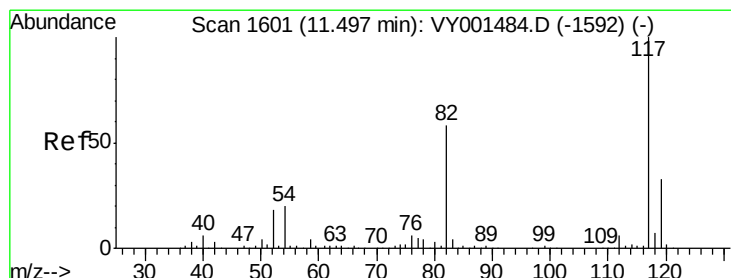
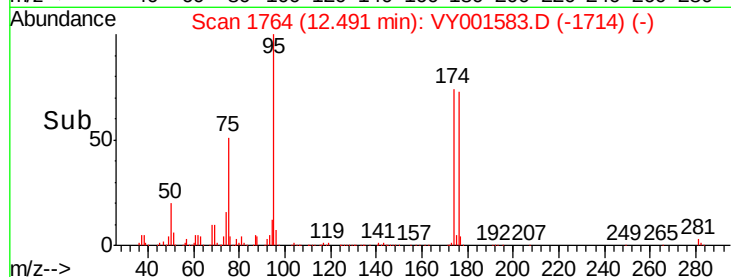
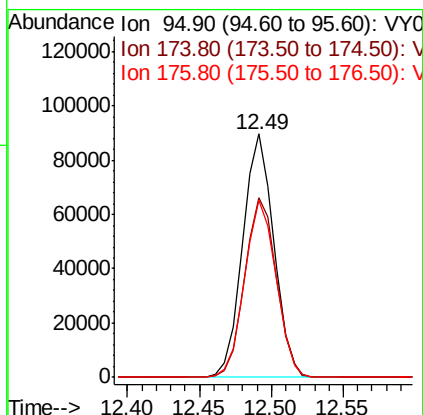
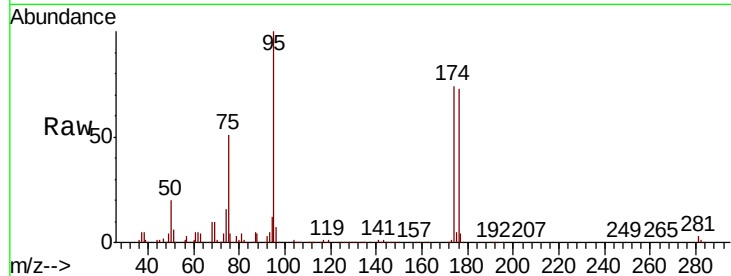




#62
4-Bromofluorobenzene
Concen: 49.234 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001583.D
Acq: 10 Feb 2020 14:12

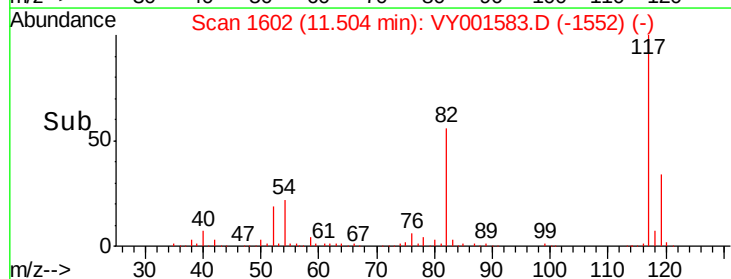
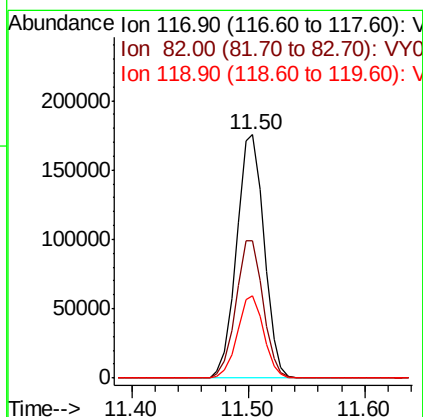
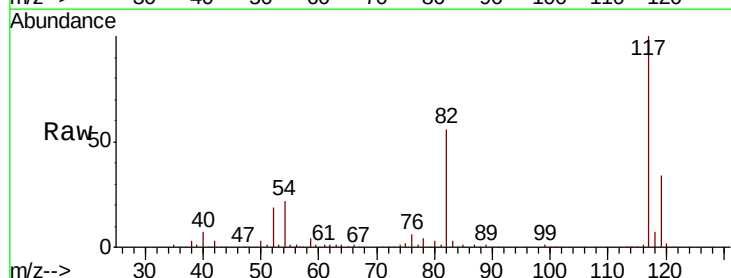
Instrument :
MSVOA_Y
ClientSampled :

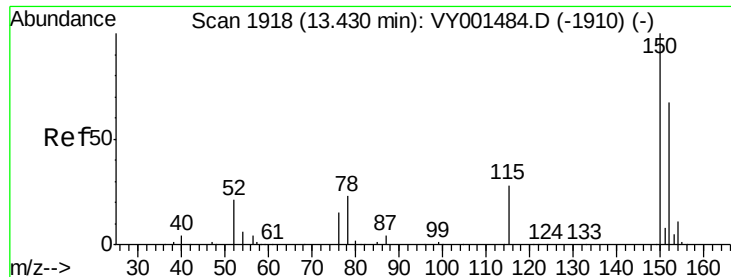
Tot Ion: 95 Resp: 133658
Ion Ratio Lower Upper
95 100
174 75.2 0.0 141.4
176 73.6 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001583.D
Acq: 10 Feb 2020 14:12

Tgt Ion: 117 Resp: 289079
Ion Ratio Lower Upper
117 100
82 56.4 46.1 69.1
119 33.6 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001583.D

Acq: 10 Feb 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

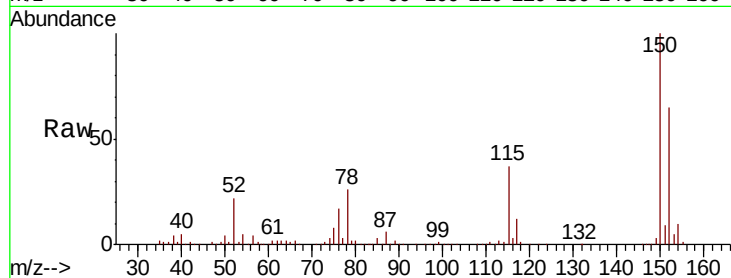
Tot Ion:152 Resp: 131806

Ion Ratio Lower Upper

152 100

115 60.6 31.4 94.3

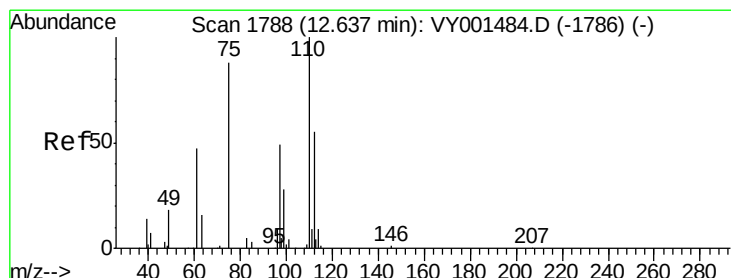
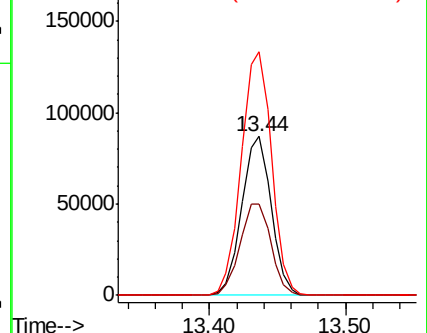
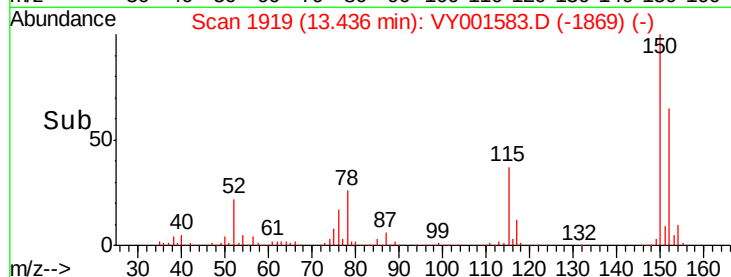
150 157.1 0.0 346.8



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: 47.933 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001583.D

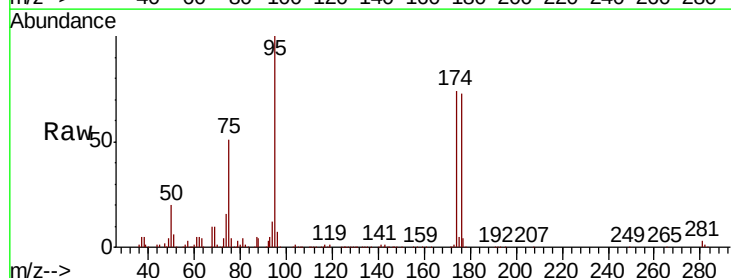
Acq: 10 Feb 2020 14:12

Tgt Ion: 75 Resp: 67943

Ion Ratio Lower Upper

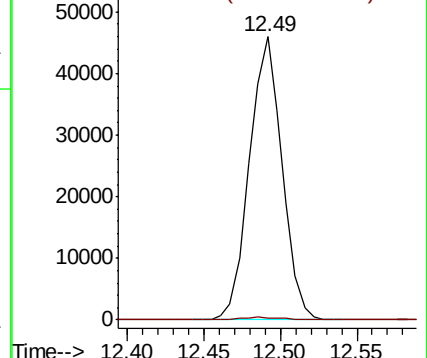
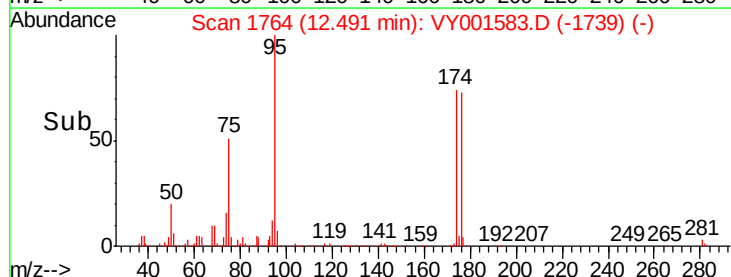
75 100

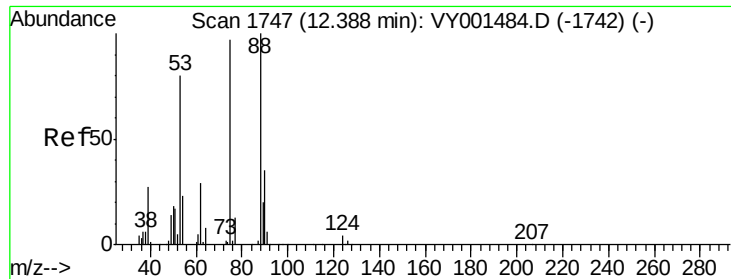
77 1.1 0.0 0.0#



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: 92.749 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001583.D
 Acq: 10 Feb 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 67943
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.7 101.5#
 89 0.0 34.6 52.0#

