

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001530.D
 Acq On : 06 Feb 2020 15:04
 Operator : SY/MD
 Sample : VY0206SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 04:07:19 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	7.81	168	171691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	315897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	293570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	139191	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	102464	59.27	ug/l	0.00
Spiked Amount			Recovery	=	118.54%	
35) Dibromofluoromethane	7.74	113	94903	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
50) Toluene-d8	10.19	98	377806	54.82	ug/l	0.00
Spiked Amount			Recovery	=	109.64%	
62) 4-Bromofluorobenzene	12.49	95	140905	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	

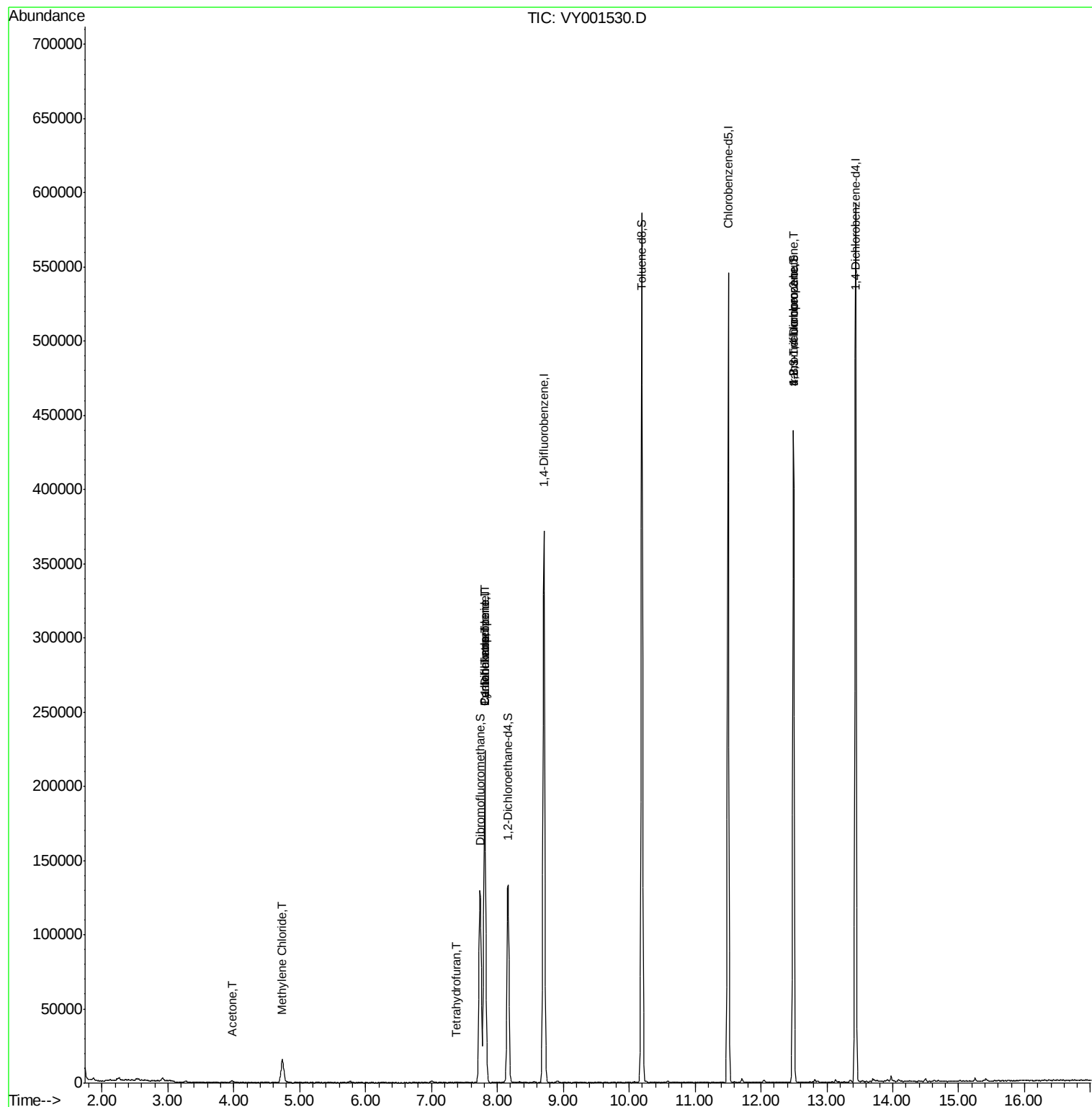
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	161	Below Cal	#	76
16) Acetone	3.97	43	2251	4.502	ug/l	95
20) Methylene Chloride	4.74	84	11672	1.364	ug/l	96
29) Tetrahydrofuran	7.37	42	498	1.281	ug/l #	50
31) Cyclohexane	7.81	56	3826	1.137	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	13789	4.772	ug/l #	48
38) Carbon Tetrachloride	7.81	117	17366	6.211	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	72734	48.591	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	72734	94.021	ug/l #	16

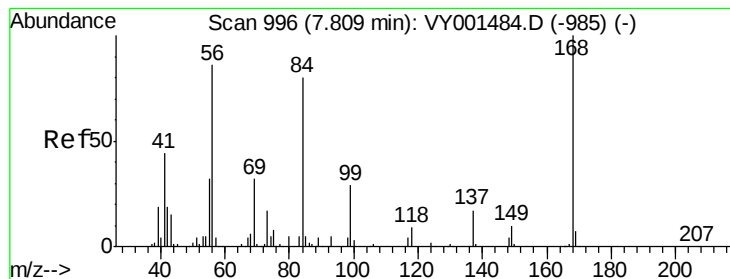
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
Data File : VY001530.D
Acq On : 06 Feb 2020 15:04
Operator : SY/MD
Sample : VY0206SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 07 04:07:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
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: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001530.D

Acq: 06 Feb 2020 15:04

Instrument :

MSVOA_Y

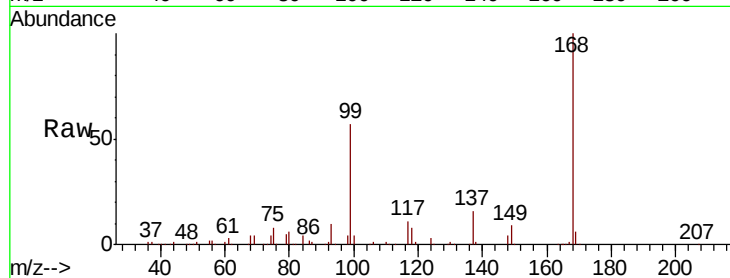
ClientSampleId :

Tot Ion:168 Resp: 171691

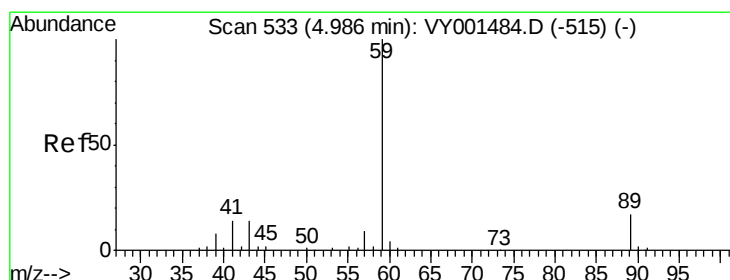
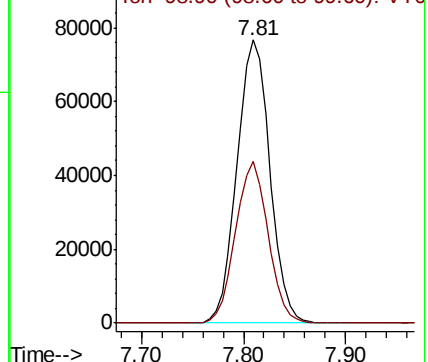
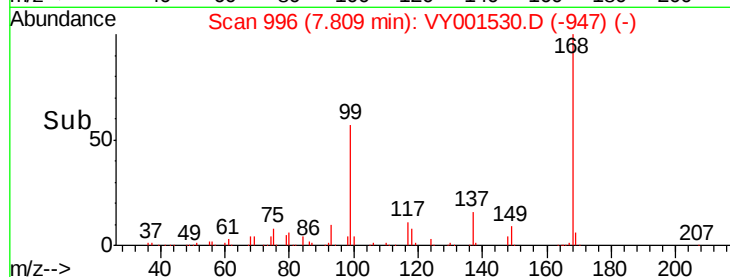
Ion Ratio Lower Upper

168 100

99 57.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001530.D (-947) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 534

Delta R.T. 0.01 min

Lab File: VY001530.D

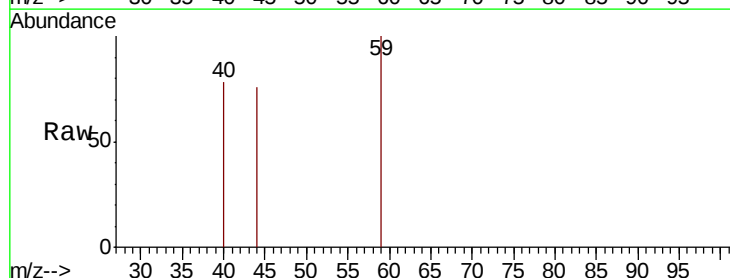
Acq: 06 Feb 2020 15:04

Tgt Ion: 59 Resp: 161

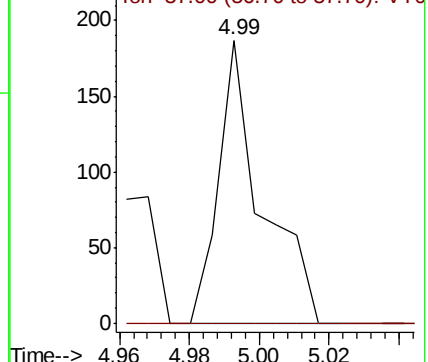
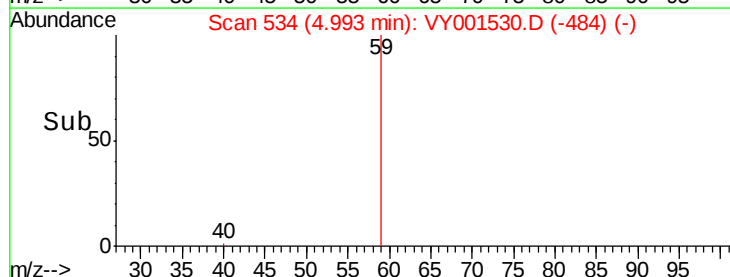
Ion Ratio Lower Upper

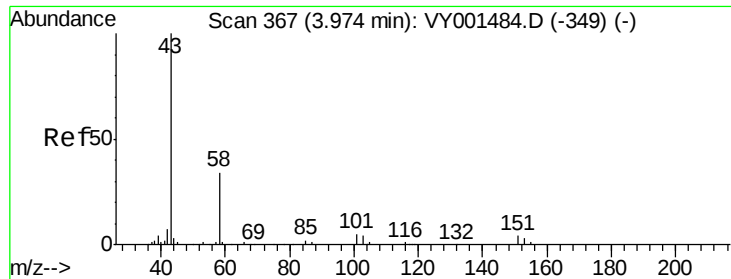
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001530.D (-484) (-)





#16

Acetone

Concen: 4.502 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001530.D

Acq: 06 Feb 2020 15:04

Instrument :

MSVOA_Y

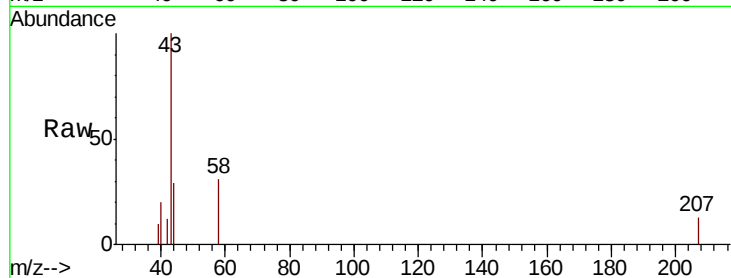
ClientSampleId :

Tot Ion: 43 Resp: 2251

Ion Ratio Lower Upper

43 100

58 31.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001530.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY001530.D (-349) (-)

3.97

800

600

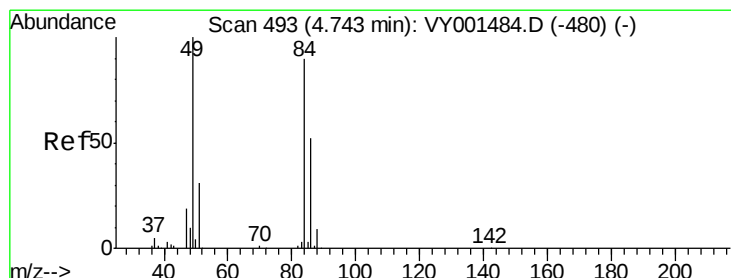
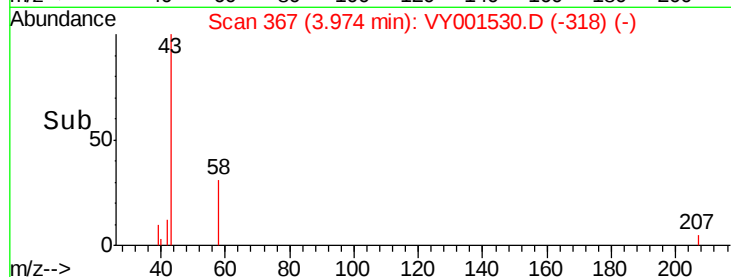
400

200

0

3.90 3.95 4.00 4.05

Time-->



#20

Methylene Chloride

Concen: 1.364 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.01 min

Lab File: VY001530.D

Acq: 06 Feb 2020 15:04

Tgt Ion: 84 Resp: 11672

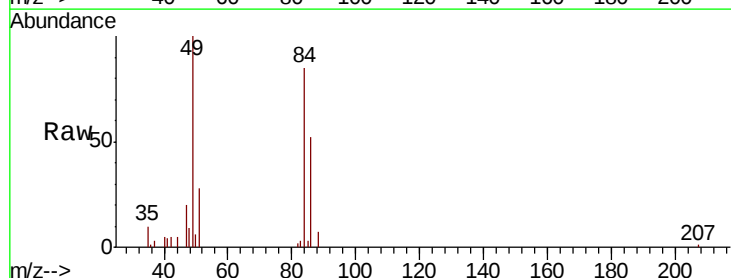
Ion Ratio Lower Upper

84 100

49 117.2 89.0 133.6

51 33.1 27.4 41.2

86 60.5 46.6 70.0



Abundance Ion 83.90 (83.60 to 84.60): VY001530.D (-444) (-)

Ion 48.90 (48.60 to 49.60): VY001530.D (-444) (-)

Ion 50.90 (50.60 to 51.60): VY001530.D (-444) (-)

Ion 85.90 (85.60 to 86.60): VY001530.D (-444) (-)

4.74

6000

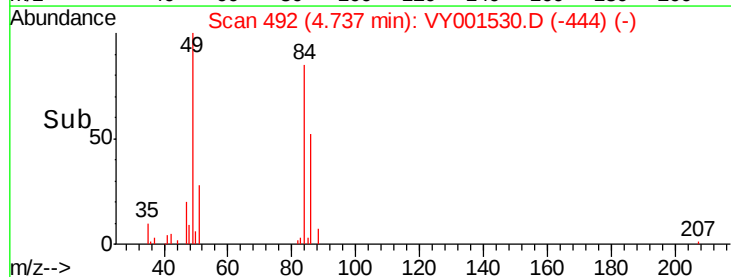
4000

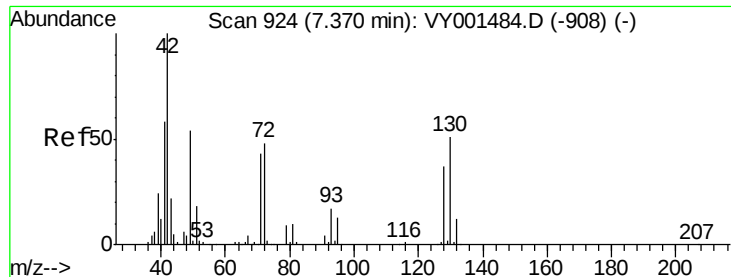
2000

0

4.60 4.70 4.80

Time-->

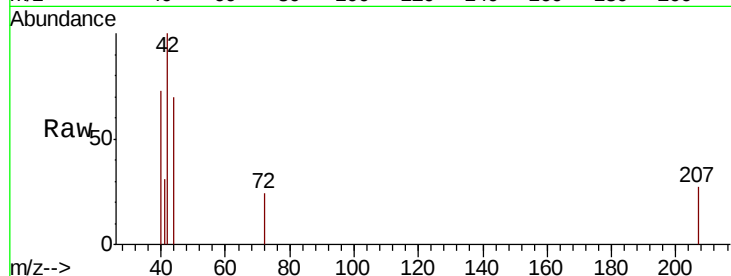




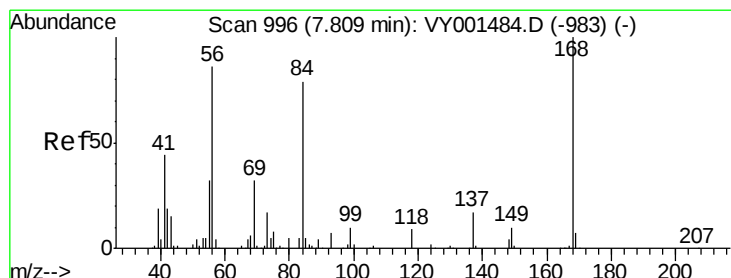
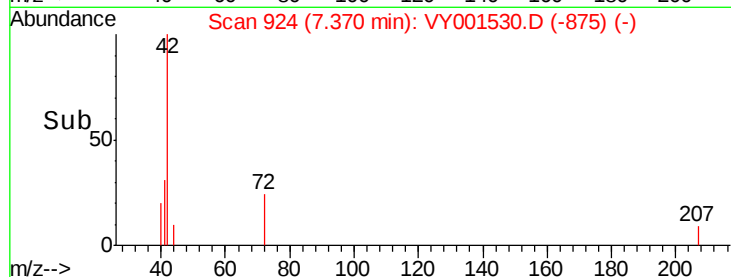
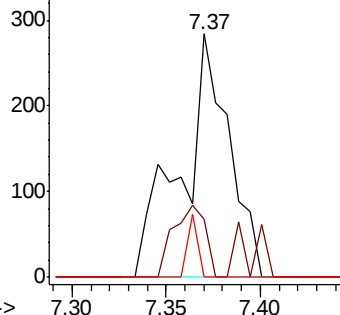
#29
Tetrahydrofuran
Concen: 1.281 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001530.D
Acq: 06 Feb 2020 15:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 498
Ion Ratio Lower Upper
42 100
72 19.7 37.8 56.6#
71 5.4 34.8 52.2#

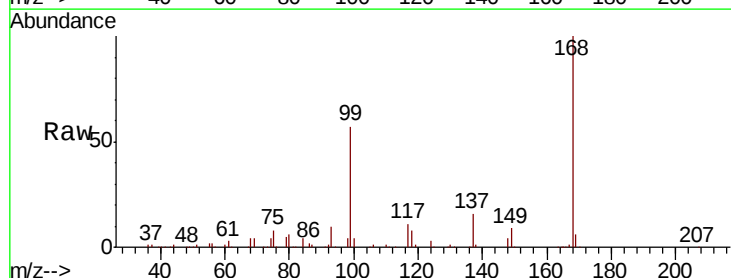


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

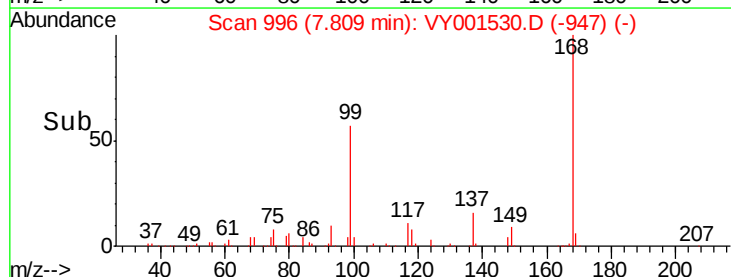
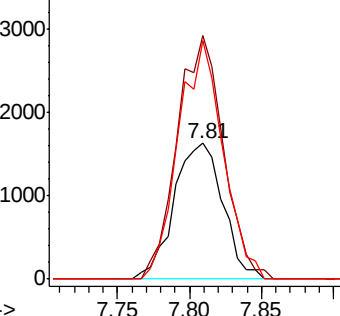


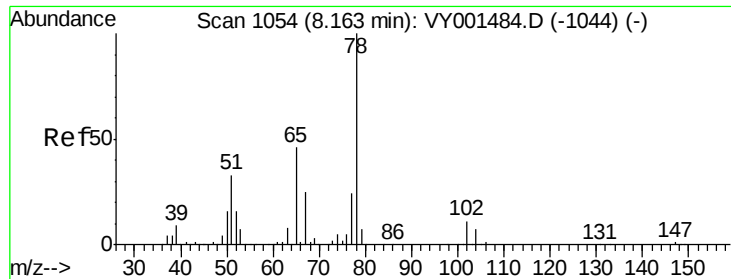
#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001530.D
Acq: 06 Feb 2020 15:04

Tgt Ion: 56 Resp: 3826
Ion Ratio Lower Upper
56 100
69 179.2 29.6 44.4#
84 175.9 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: 59.273 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY001530.D

Acq: 06 Feb 2020 15:04

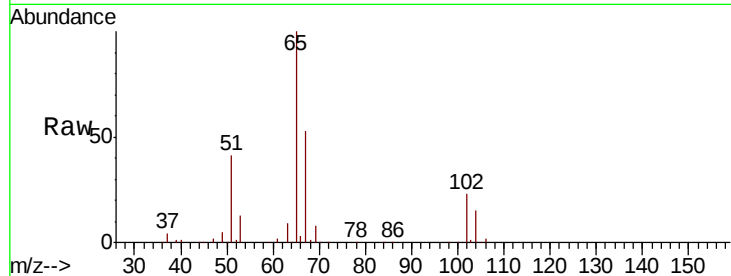
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 65 Resp: 102464

Ion Ratio Lower Upper

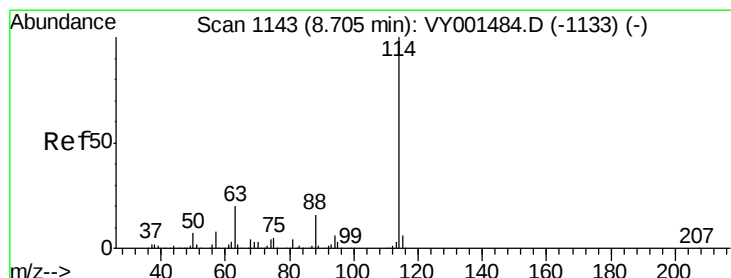
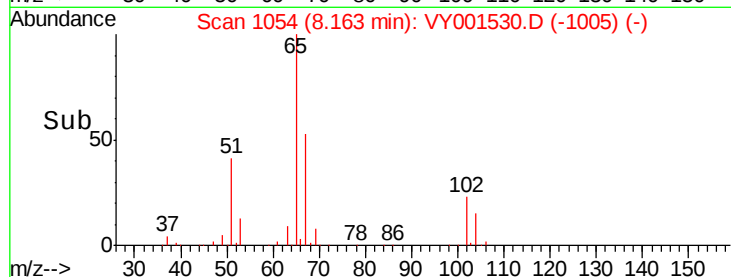
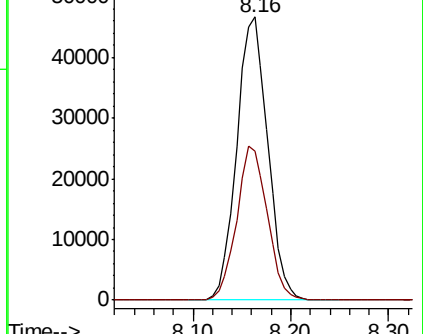
65 100

67 53.7 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: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY001530.D

Acq: 06 Feb 2020 15:04

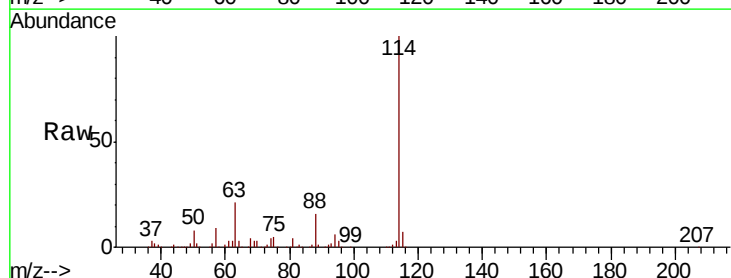
Tgt Ion: 114 Resp: 315897

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.8

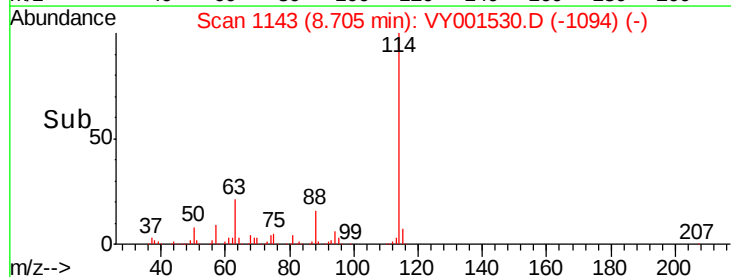
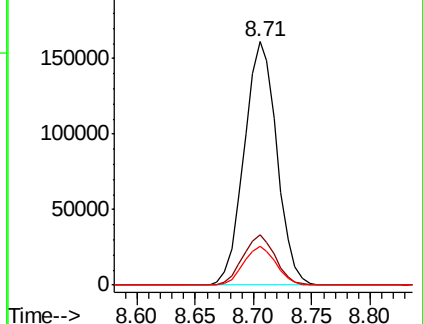
88 16.0 0.0 32.6

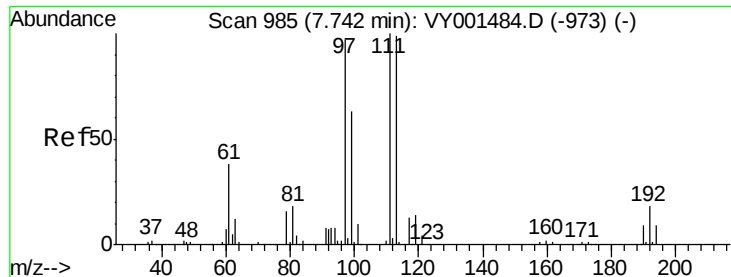


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

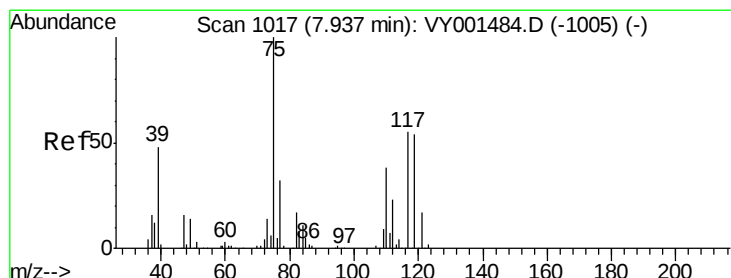
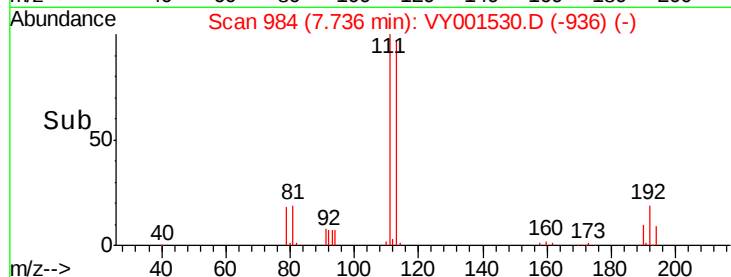
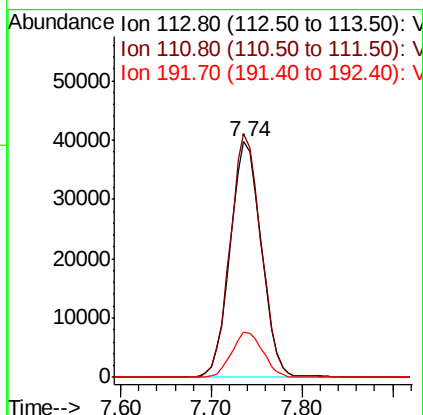
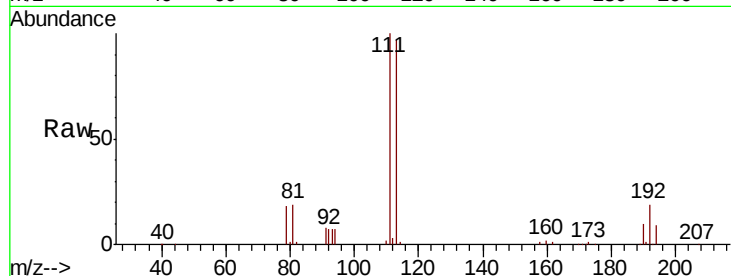




#35
 Dibromofluoromethane
 Concen: 52.098 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001530.D
 Acq: 06 Feb 2020 15:04

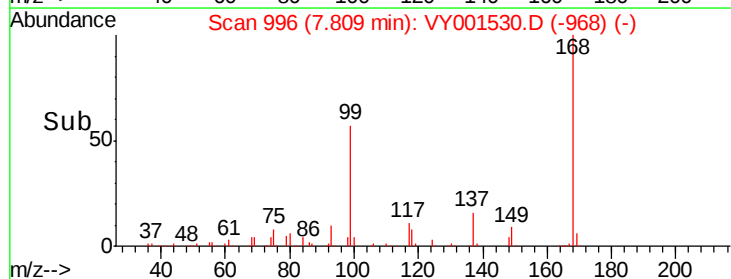
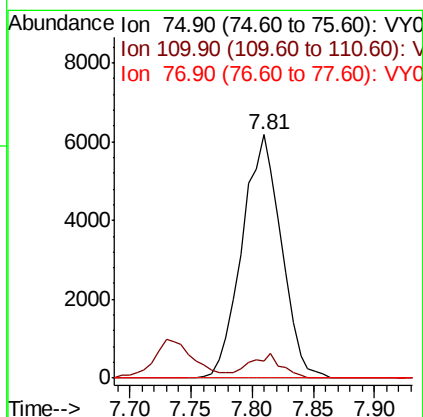
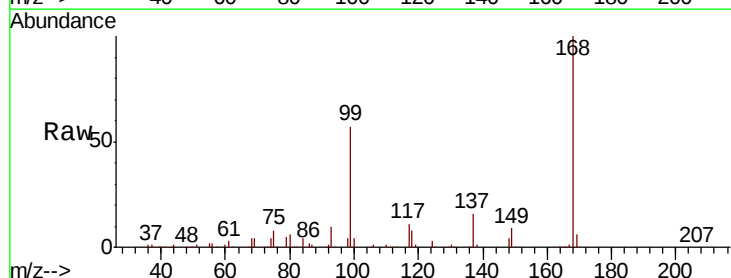
Instrument :
 MSVOA_Y
 ClientSampleId :

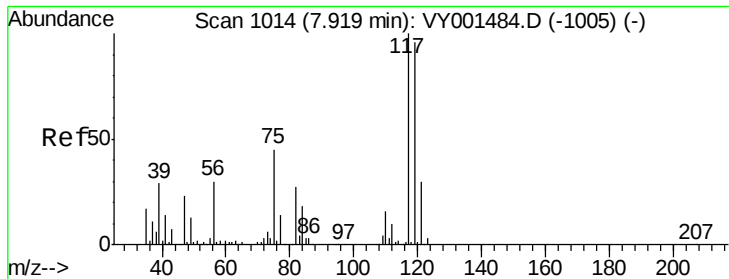
Tot Ion:113 Resp: 94903
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.9 124.3
 192 19.2 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 4.772 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001530.D
 Acq: 06 Feb 2020 15:04

Tgt Ion: 75 Resp: 13789
 Ion Ratio Lower Upper
 75 100
 110 7.7 18.2 54.6#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.211 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY001530.D

Acq: 06 Feb 2020 15:04

Instrument :

MSVOA_Y

ClientSampled :

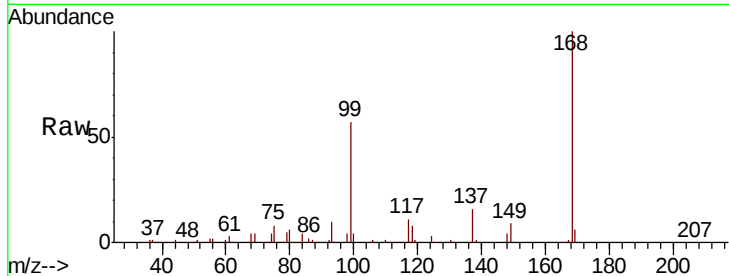
Tot Ion:117 Resp: 17366

Ion Ratio Lower Upper

117 100

119 4.6 76.4 114.6#

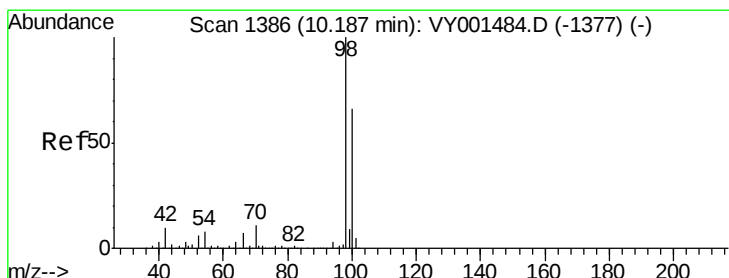
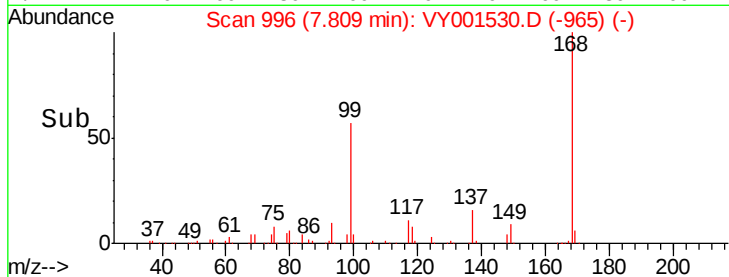
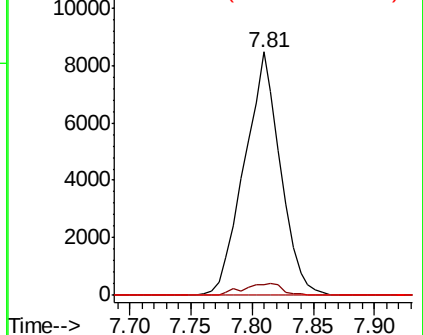
121 0.0 24.2 36.4#



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: 54.818 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001530.D

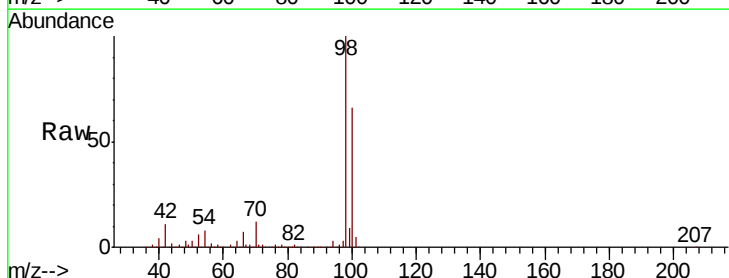
Acq: 06 Feb 2020 15:04

Tgt Ion: 98 Resp: 377806

Ion Ratio Lower Upper

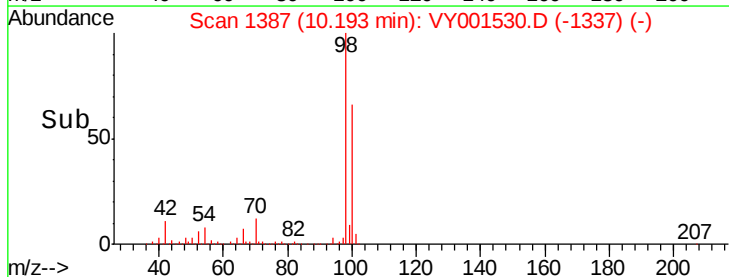
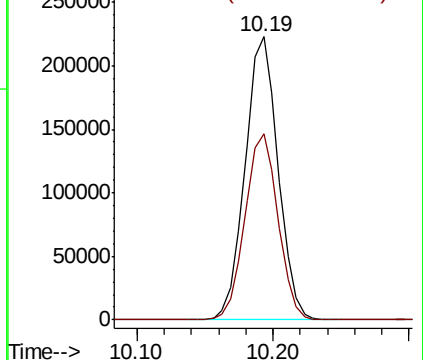
98 100

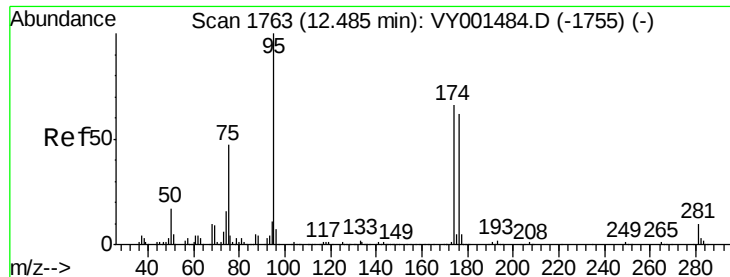
100 65.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

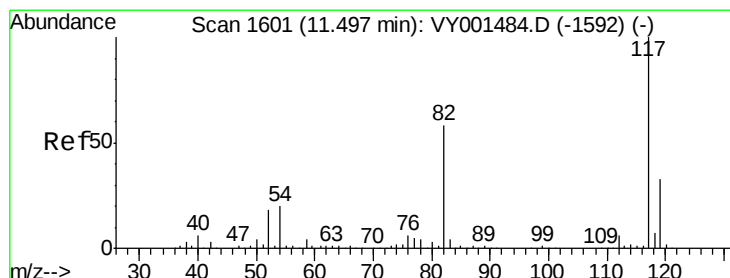
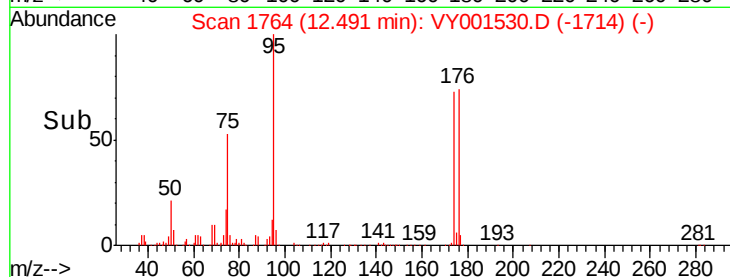
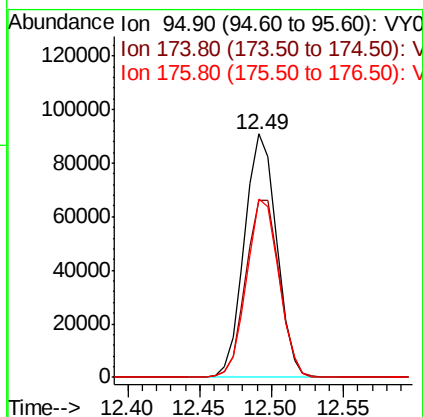
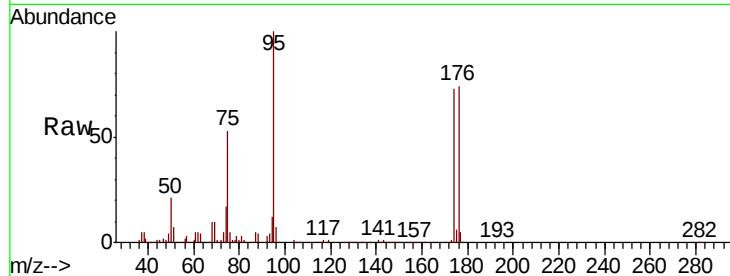




#62
4-Bromofluorobenzene
Concen: 51.898 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001530.D
Acq: 06 Feb 2020 15:04

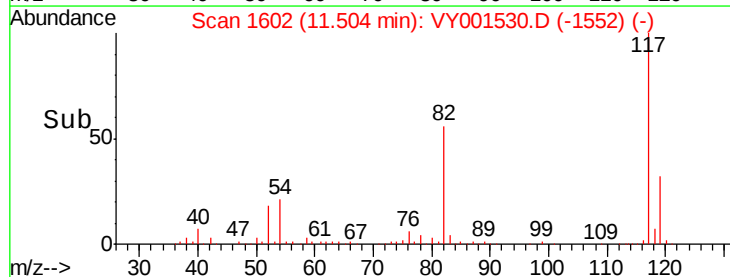
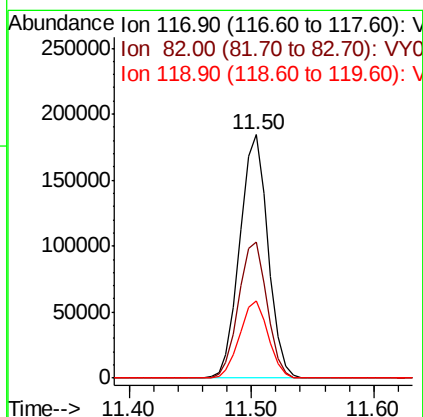
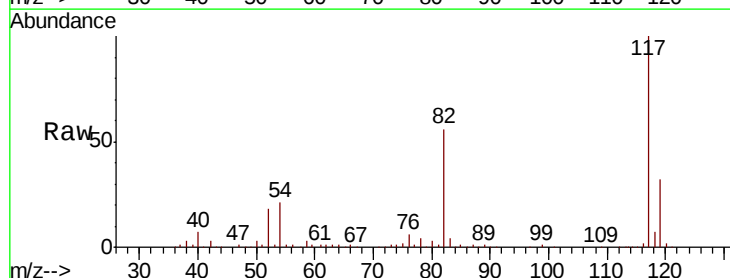
Instrument :
MSVOA_Y
ClientSampleId :

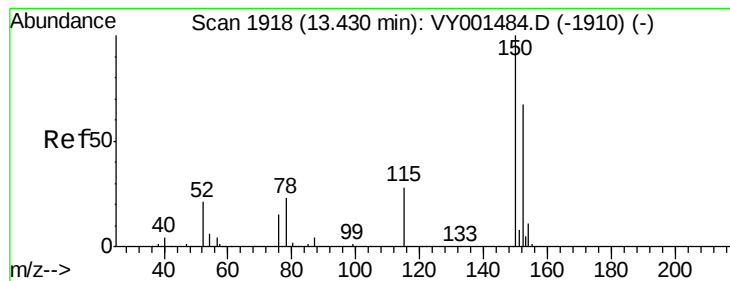
Tot Ion	95	Resp	140905
Ion Ratio	100		
Lower		0.0	141.4
Upper		0.0	135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001530.D
Acq: 06 Feb 2020 15:04

Tgt Ion	117	Resp	293570
Ion Ratio	100		
Lower		46.1	69.1
Upper		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: VY001530.D

Acq: 06 Feb 2020 15:04

Instrument :

MSVOA_Y

ClientSampleId :

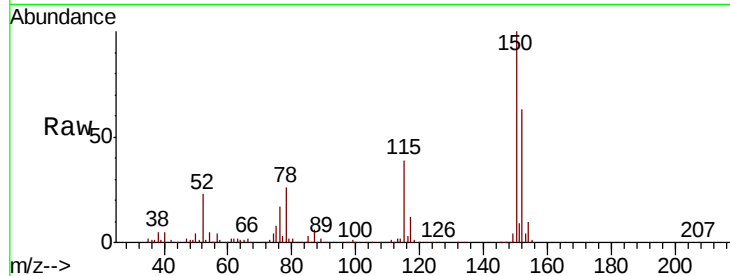
Tot Ion:152 Resp: 139191

Ion Ratio Lower Upper

152 100

115 60.5 31.4 94.3

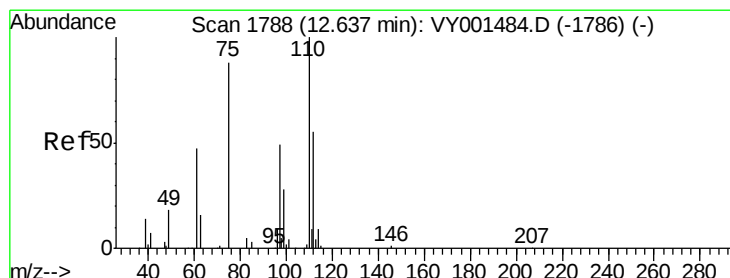
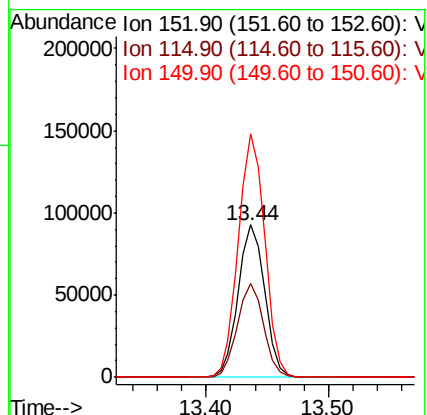
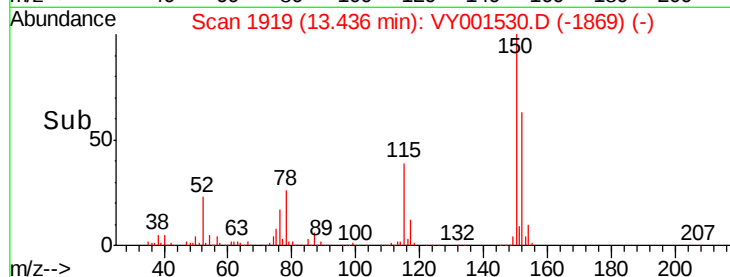
150 159.1 0.0 346.8



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: 48.591 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001530.D

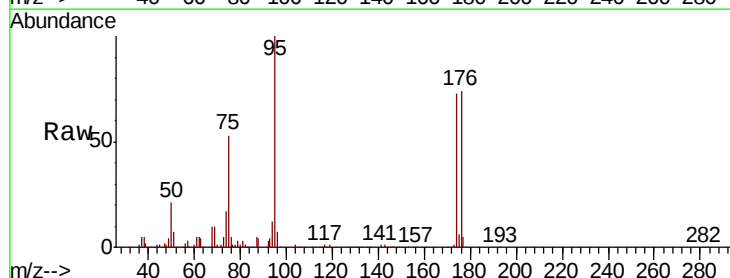
Acq: 06 Feb 2020 15:04

Tgt Ion: 75 Resp: 72734

Ion Ratio Lower Upper

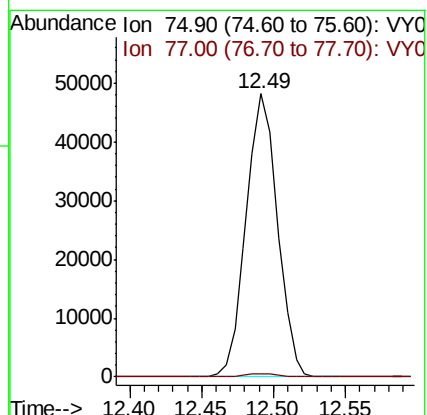
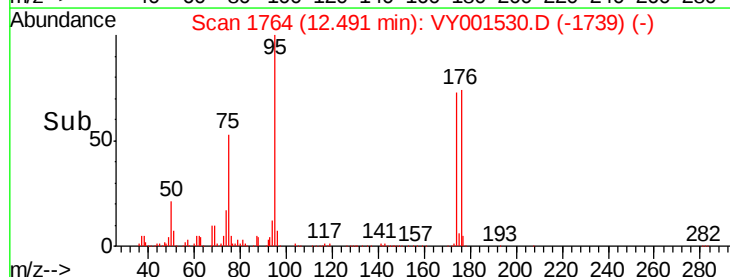
75 100

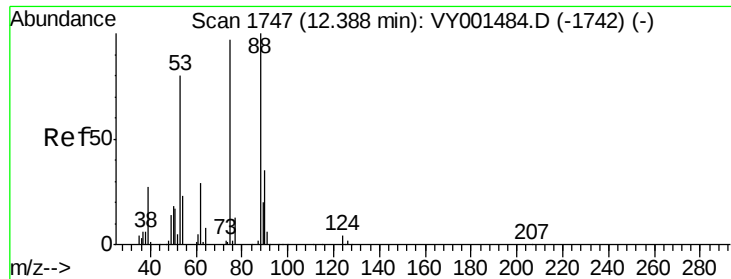
77 1.4 0.0 0.0#



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: 94.021 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001530.D

Acq: 06 Feb 2020 15:04

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 72734

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.0 34.6 52.0#

