

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003505.D
 Acq On : 04 Nov 2020 11:27
 Operator : SY/MD
 Sample : VY1104SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBL01

Quant Time: Nov 05 00:23:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	236361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	346285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	313874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	154300	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	131289	54.18	ug/l	0.00
Spiked Amount			Recovery	=	108.36%	
35) Dibromofluoromethane	7.72	113	113999	54.10	ug/l	0.00
Spiked Amount			Recovery	=	108.20%	
50) Toluene-d8	10.18	98	451400	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.48	95	143535	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	

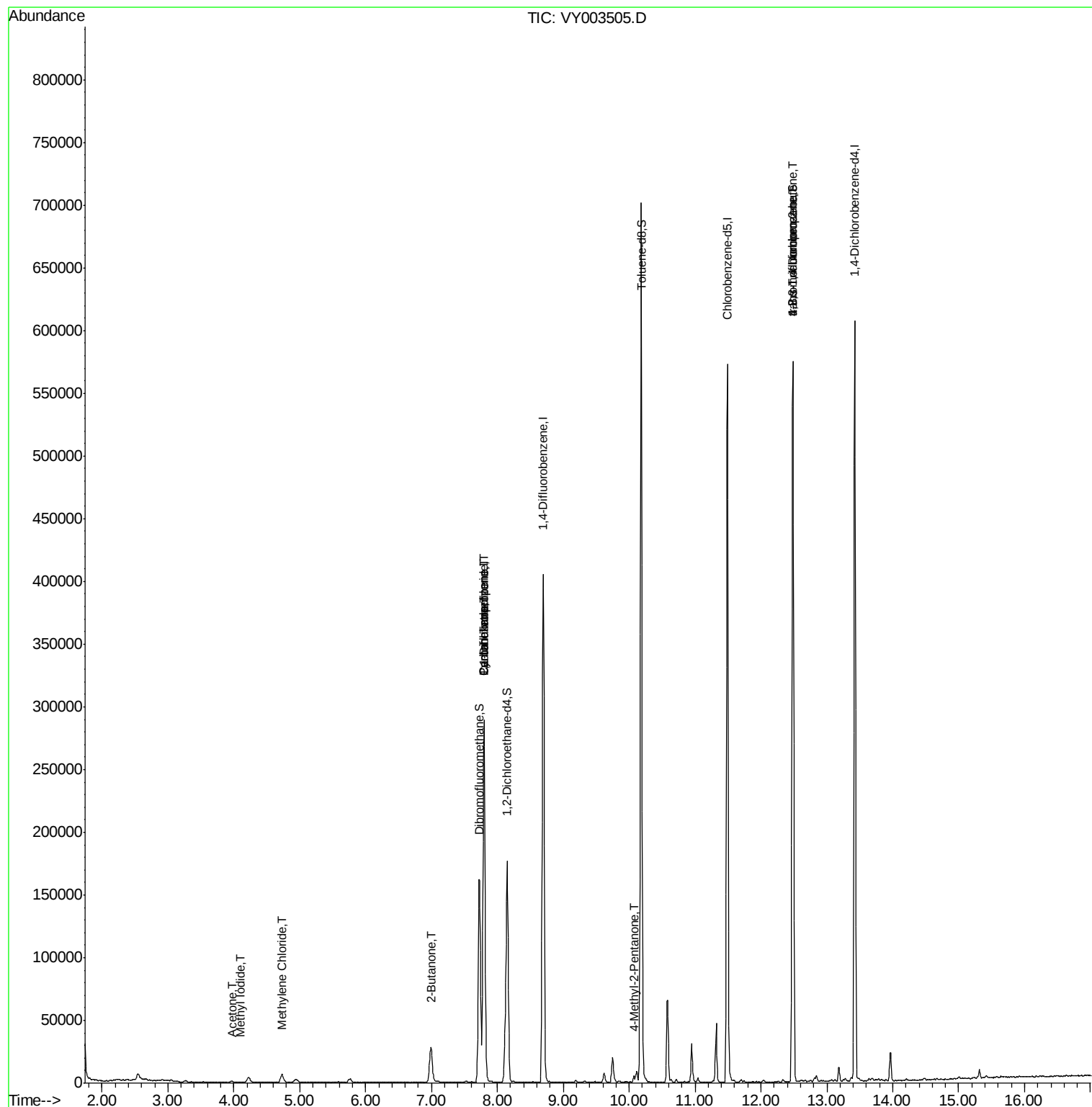
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.10	142	683	4.916	ug/l #	82
11) Tert butyl alcohol	4.94	59	3404	Below Cal	#	73
16) Acetone	3.97	43	1538	1.924	ug/l #	80
20) Methylene Chloride	4.73	84	4567	2.029	ug/l	96
25) 2-Butanone	7.00	43	1980	1.980	ug/l #	69
31) Cyclohexane	7.80	56	4867	1.340	ug/l #	2
36) 1,1-Dichloropropene	7.80	75	16244	4.975	ug/l #	50
38) Carbon Tetrachloride	7.80	117	20768	6.132	ug/l #	16
51) 4-Methyl-2-Pentanone	10.07	43	3304	1.702	ug/l	88
76) 1,2,3-Trichloropropane	12.48	75	76607	46.923	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	76607	97.937	ug/l #	12

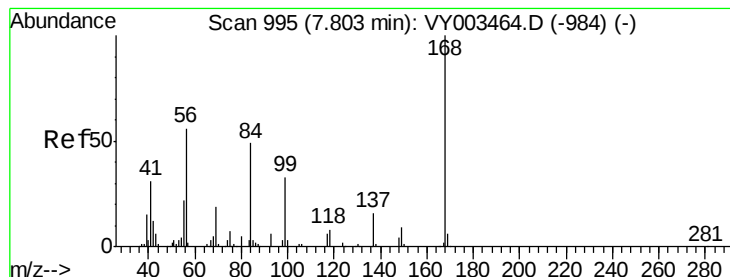
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
Data File : VY003505.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003505.D

Acq: 04 Nov 2020 11:27

Instrument :

MSVOA_Y

ClientSampleId :

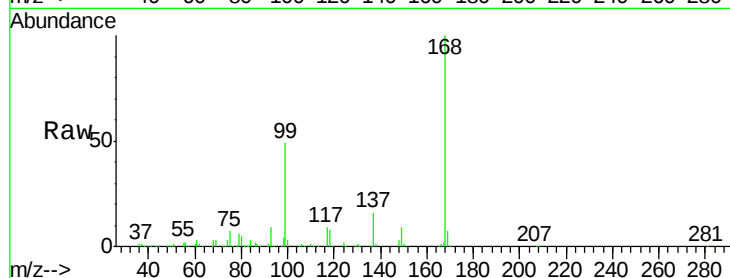
VY1104SBL01

Tot Ion:168 Resp: 236361

Ion Ratio Lower Upper

168 100

99 49.1 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

100000

80000

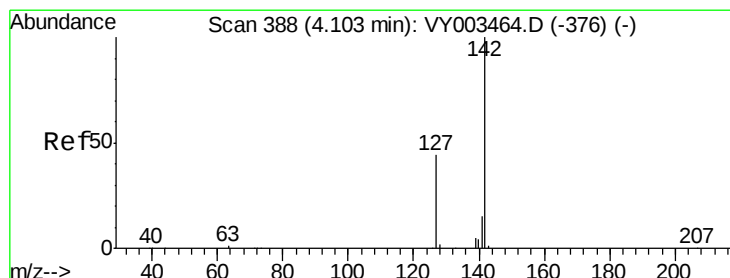
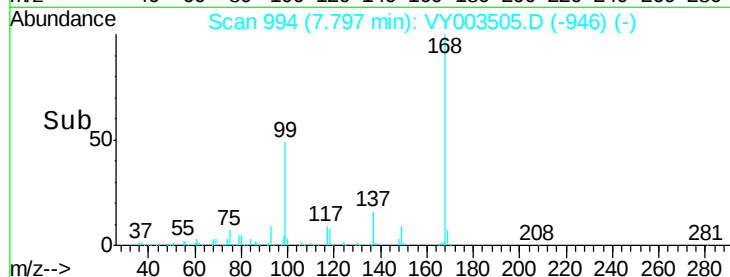
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 4.916 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY003505.D

Acq: 04 Nov 2020 11:27

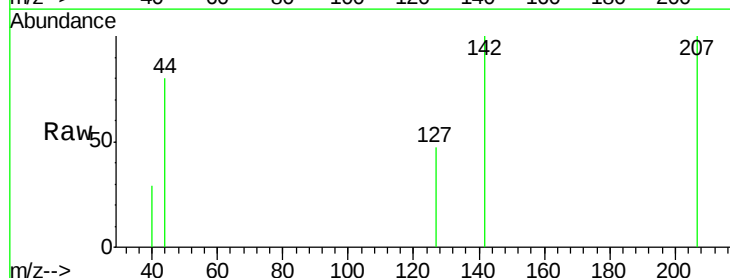
Tgt Ion:142 Resp: 683

Ion Ratio Lower Upper

142 100

127 35.1 34.5 51.7

141 0.0 11.8 17.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.10

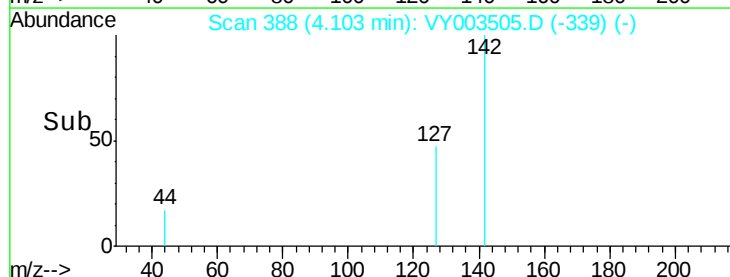
300

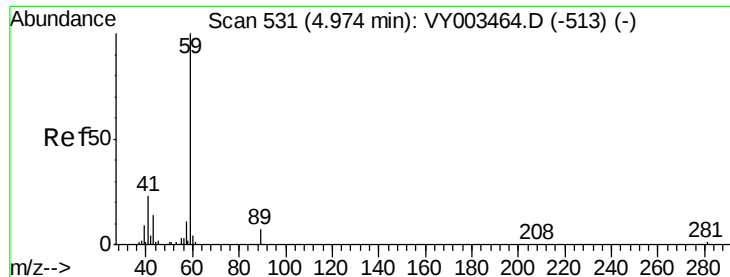
200

100

0

Time-->



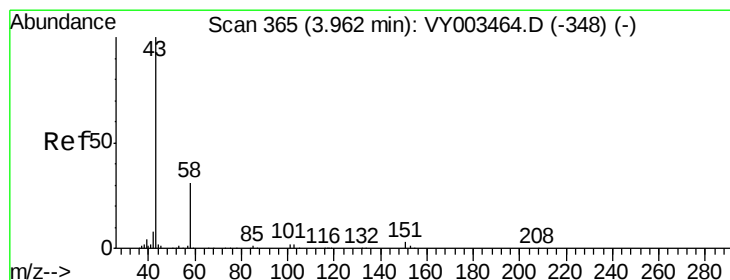
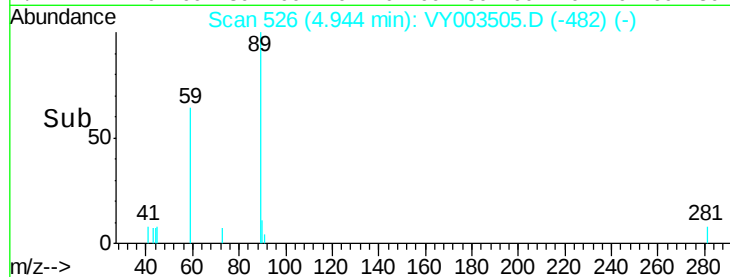
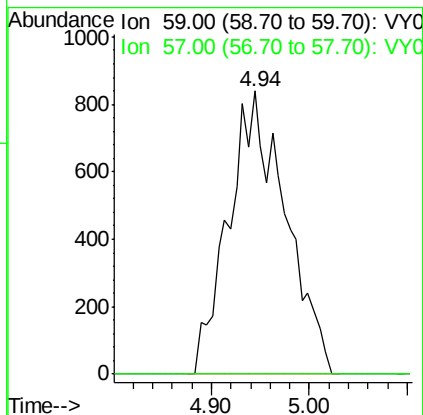
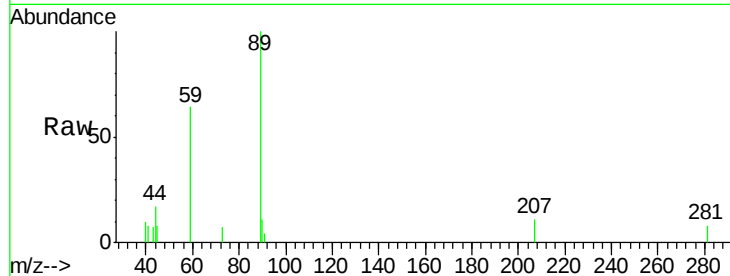


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.94 min Scan# 526
 Delta R.T. -0.03 min
 Lab File: VY003505.D
 Acq: 04 Nov 2020 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBL01

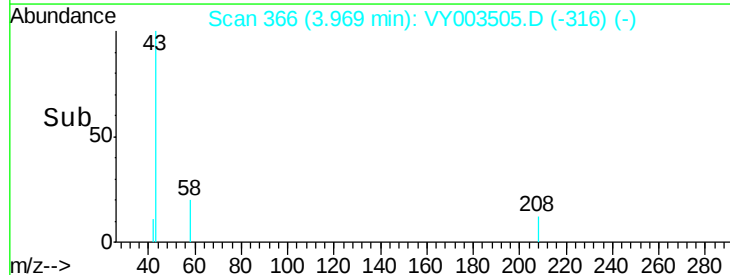
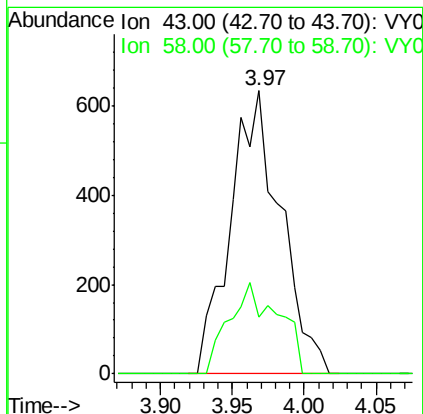
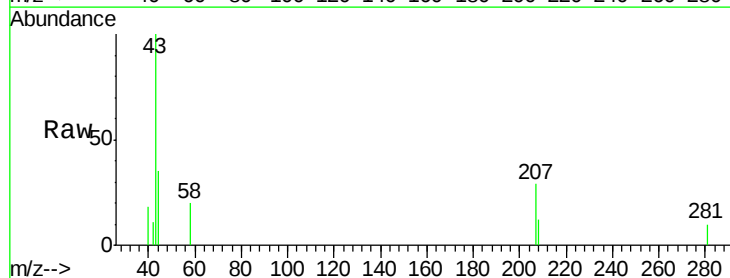
Tot Ion: 59 Resp: 3404
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

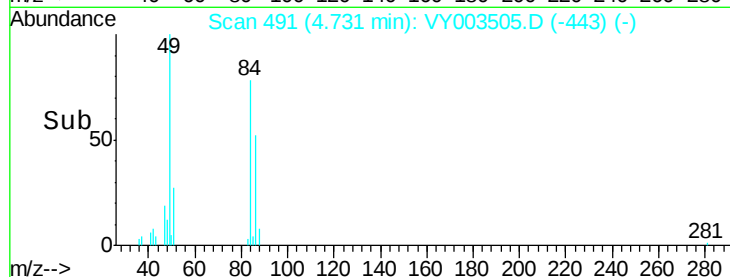
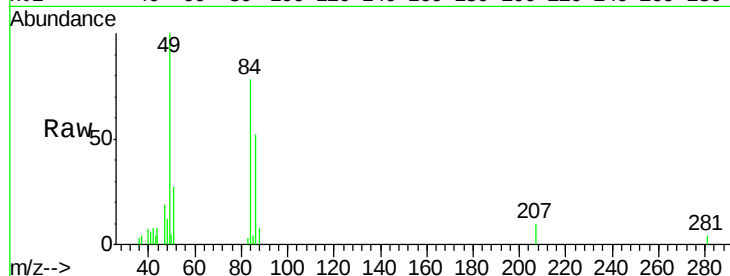
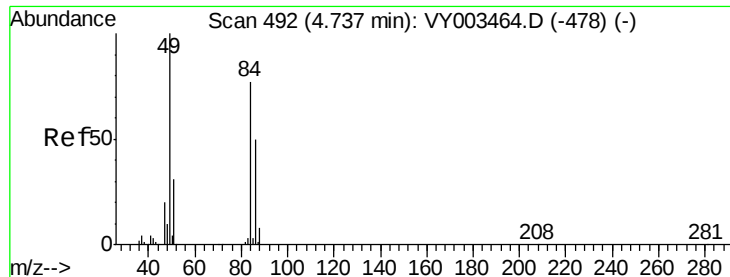


#16

Acetone
 Concen: 1.924 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VY003505.D
 Acq: 04 Nov 2020 11:27

Tgt Ion: 43 Resp: 1538
 Ion Ratio Lower Upper
 43 100
 58 20.2 25.0 37.4#

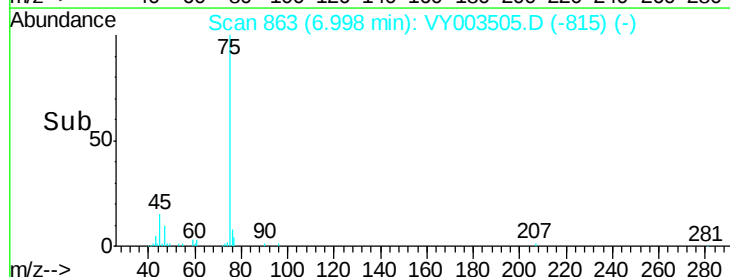
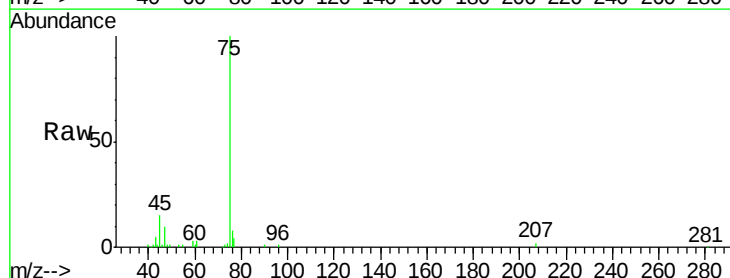
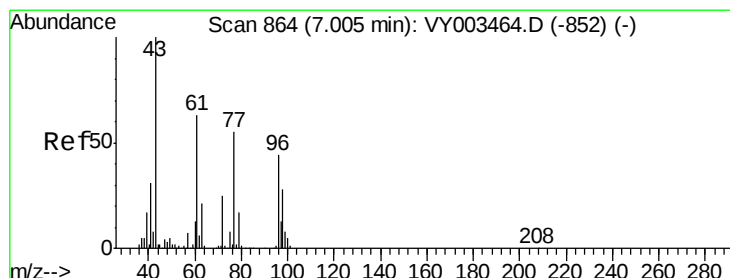
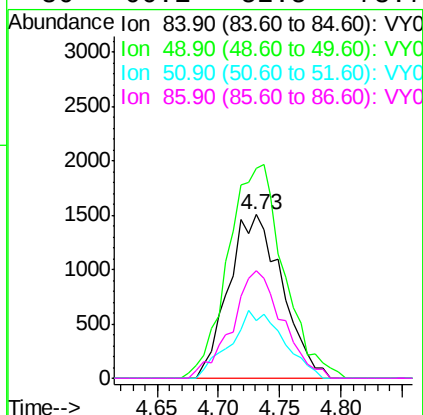




#20
Methvlene Chloride
Concen: 2.029 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY003505.D
Acq: 04 Nov 2020 11:27

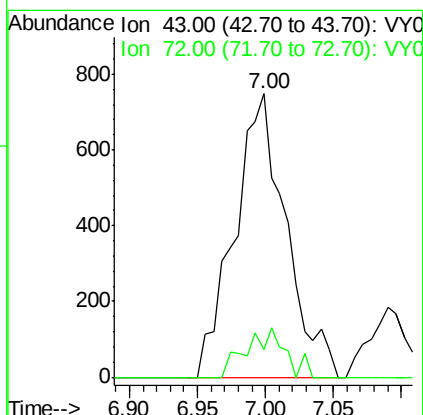
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBL01

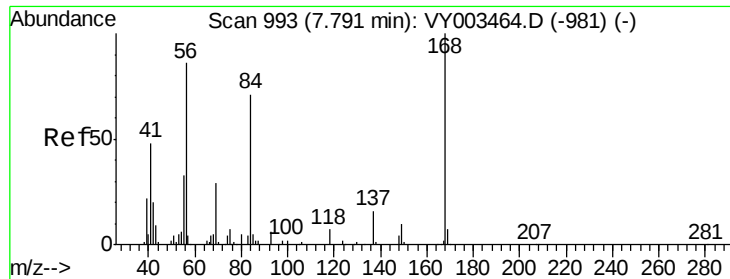
Tot Ion: 84	Resp: 4567
Ion Ratio	Lower Upper
84 100	
49 124.9	104.3 156.5
51 35.0	32.5 48.7
86 66.1	52.5 78.7



#25
2-Butanone
Concen: 1.980 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY003505.D
Acq: 04 Nov 2020 11:27

Tgt Ion: 43	Resp: 1980
Ion Ratio	Lower Upper
43 100	
72 9.6	20.1 30.1#

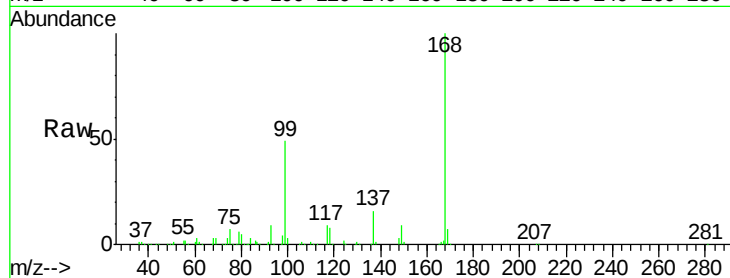




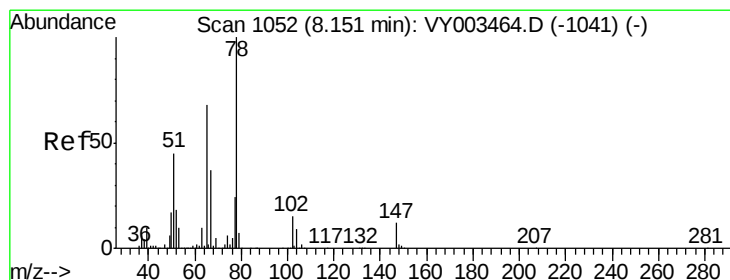
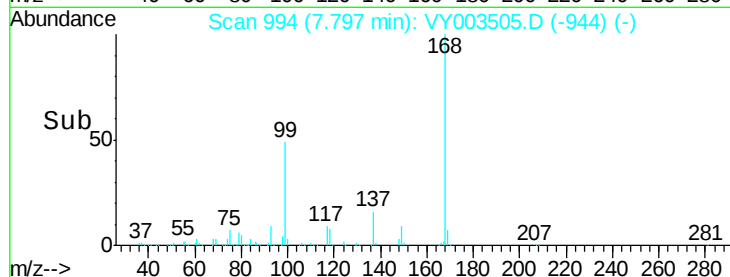
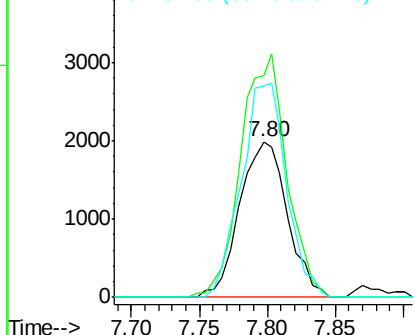
#31
Cyclohexane
Concen: 1.340 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003505.D
Acq: 04 Nov 2020 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBL01

Tot Ion: 56 Resp: 4867
Ion Ratio Lower Upper
56 100
69 143.1 26.6 39.8#
84 136.0 65.9 98.9#

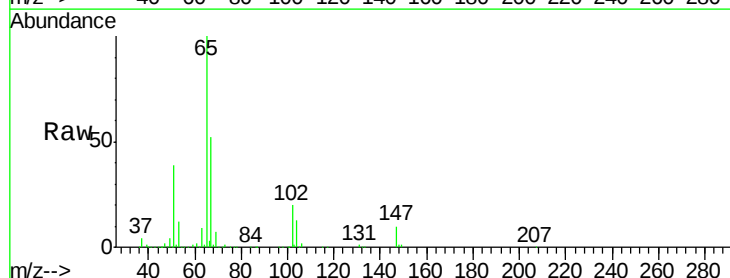


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

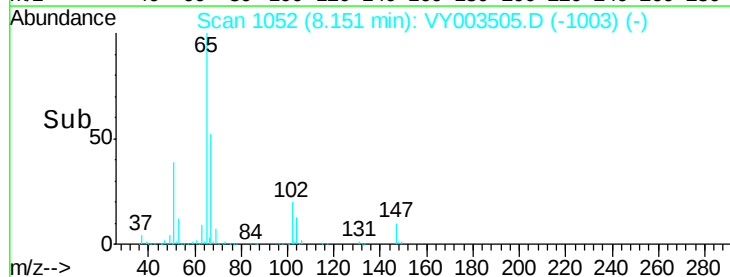
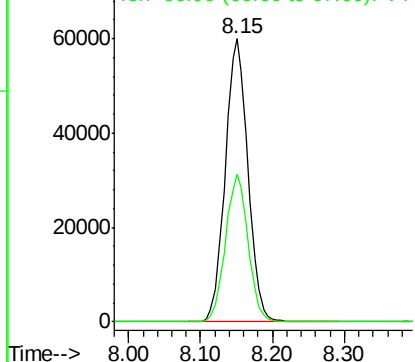


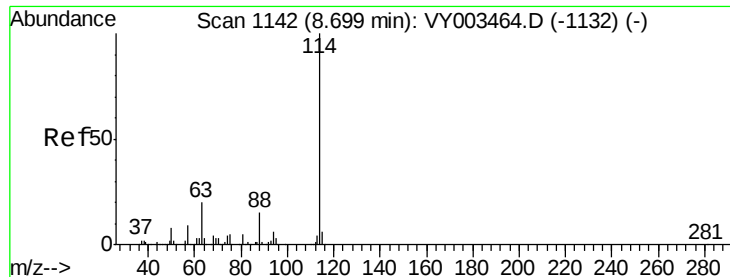
#33
1,2-Dichloroethane-d4
Concen: 54.181 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY003505.D
Acq: 04 Nov 2020 11:27

Tgt Ion: 65 Resp: 131289
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

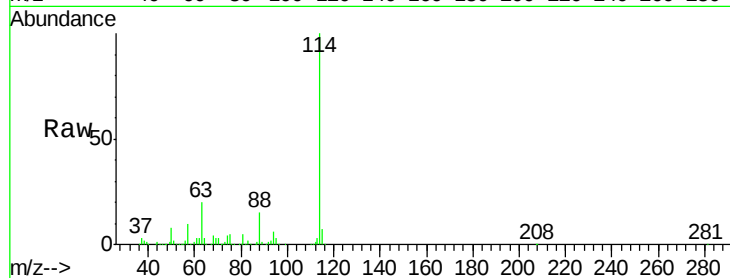




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY003505.D
Acq: 04 Nov 2020 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBL01

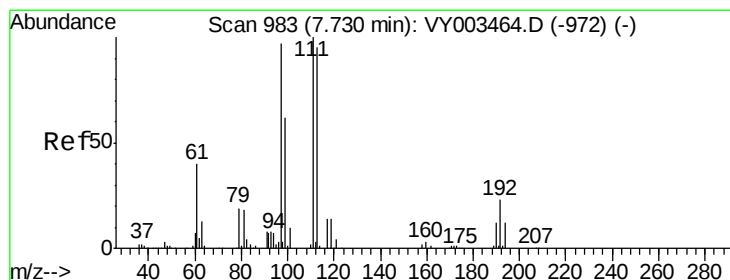
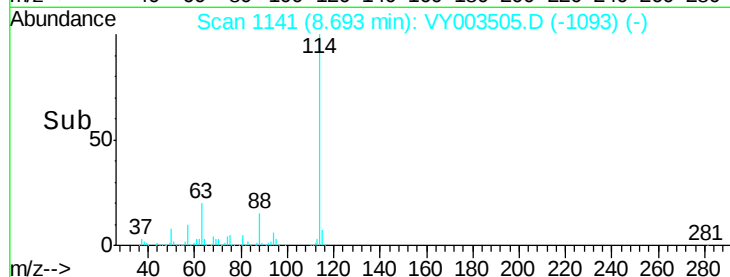
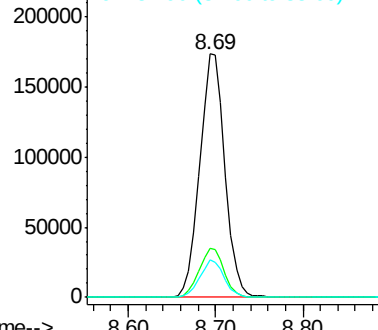
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.6
88	15.2	0.0	29.4



Abundance Ion 113.90 (113.60 to 114.60): V

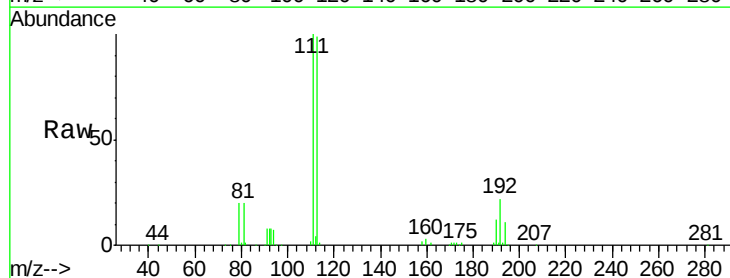
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
Dibromofluoromethane
Concen: 54.099 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY003505.D
Acq: 04 Nov 2020 11:27

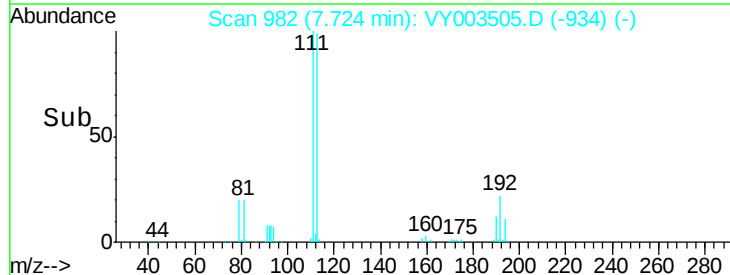
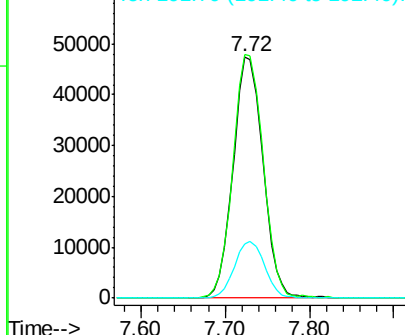
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.6
192	23.6	18.8	28.2

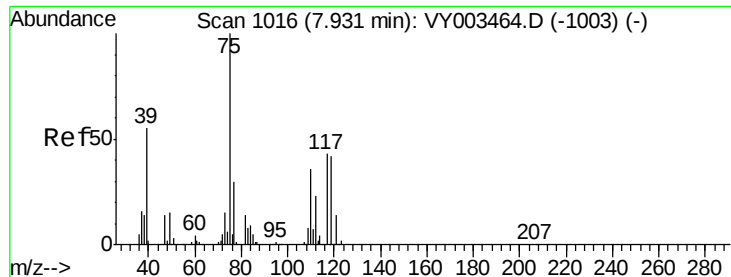


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.975 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003505.D

Acq: 04 Nov 2020 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBL01

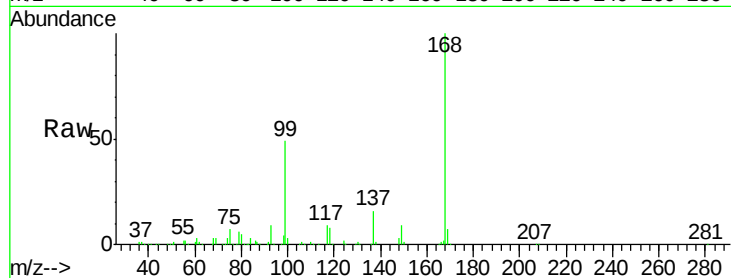
Tot Ion: 75 Resp: 16244

Ion Ratio Lower Upper

75 100

110 9.3 17.6 52.9#

77 0.0 24.7 37.1#

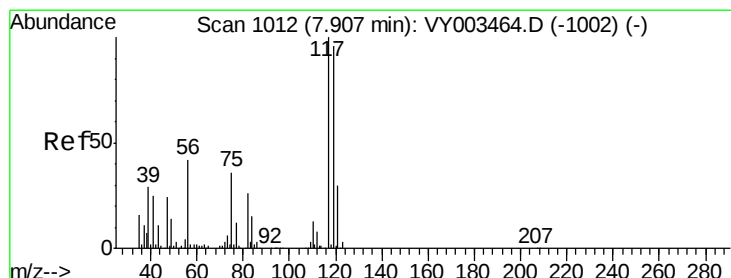
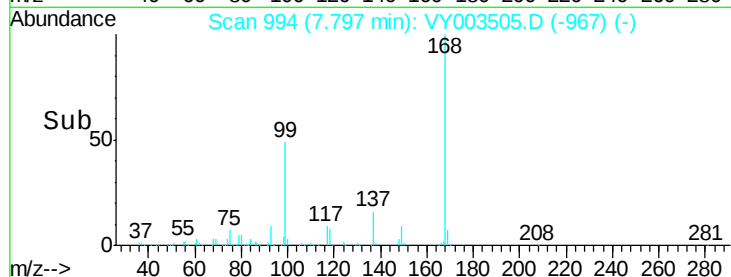


Abundance Ion 74.90 (74.60 to 75.60): VY003464.D (-1003) (-)

Ion 109.90 (109.60 to 110.60): VY003464.D (-1003) (-)

Ion 76.90 (76.60 to 77.60): VY003464.D (-1003) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.132 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003505.D

Acq: 04 Nov 2020 11:27

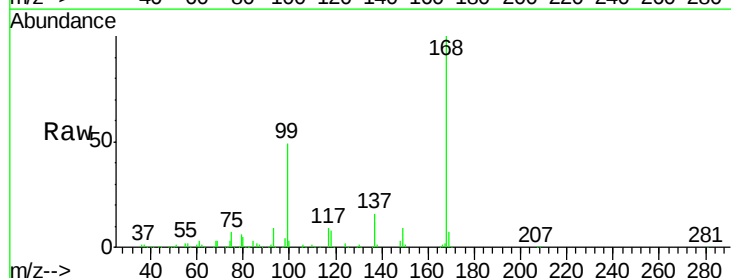
Tgt Ion: 117 Resp: 20768

Ion Ratio Lower Upper

117 100

119 4.8 76.2 114.4#

121 0.0 24.2 36.4#

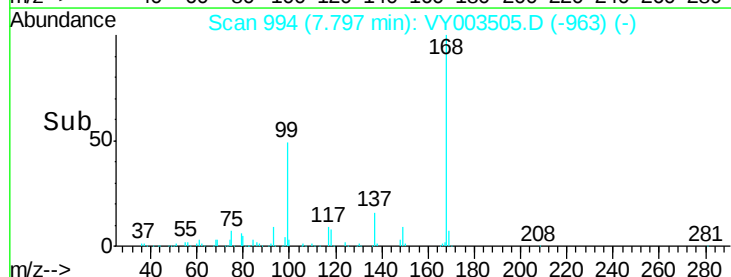


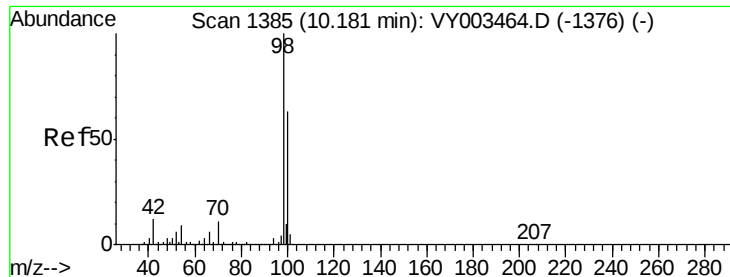
Abundance Ion 116.80 (116.50 to 117.50): VY003464.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY003464.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY003464.D (-1002) (-)

Time-->





#50

Toluene-d8

Concen: 51.493 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003505.D

Acq: 04 Nov 2020 11:27

Instrument :

MSVOA_Y

ClientSampleId :

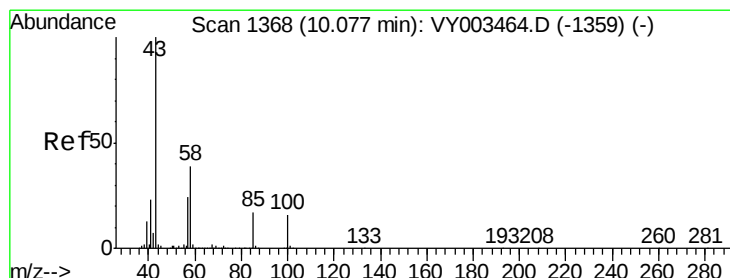
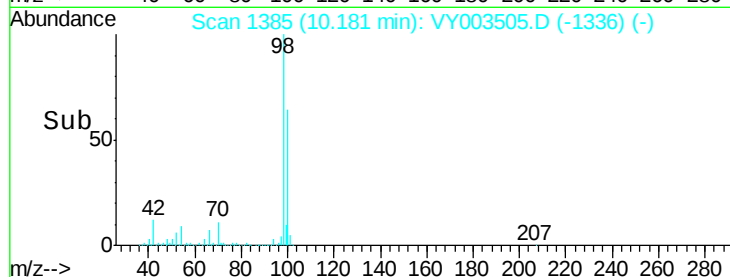
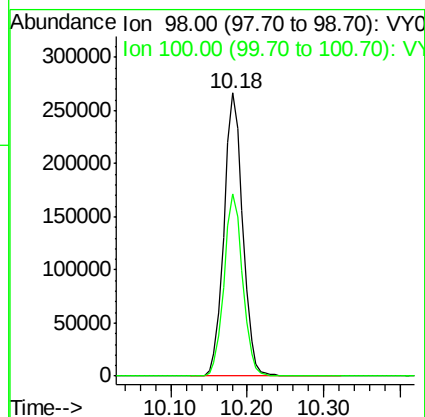
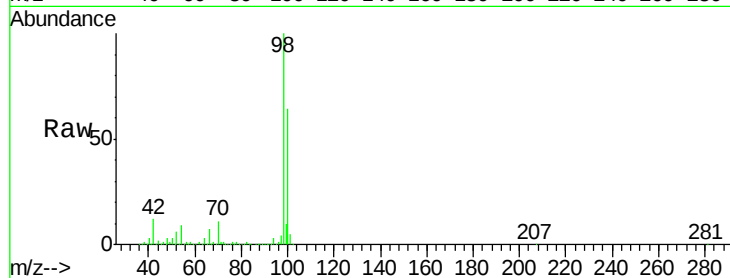
VY1104SBL01

Tot Ion: 98 Resp: 451400

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 1.702 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003505.D

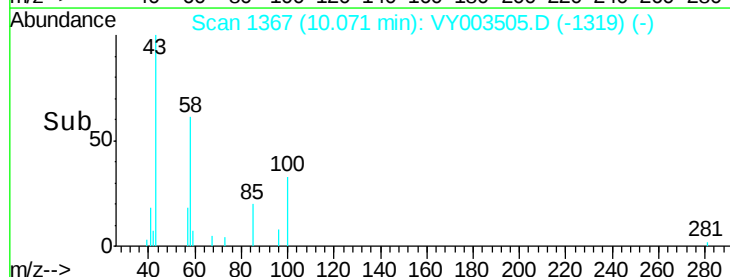
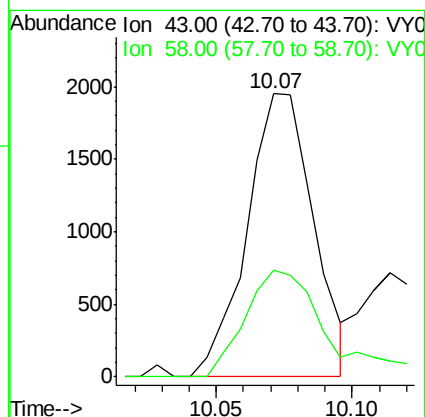
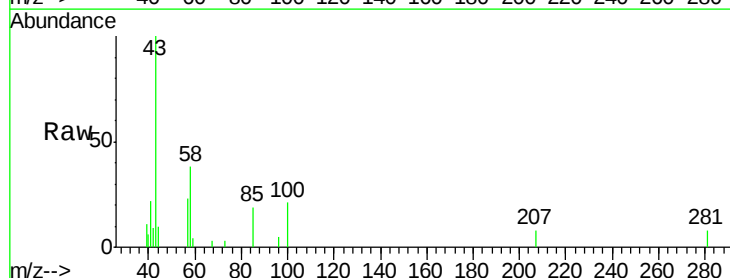
Acq: 04 Nov 2020 11:27

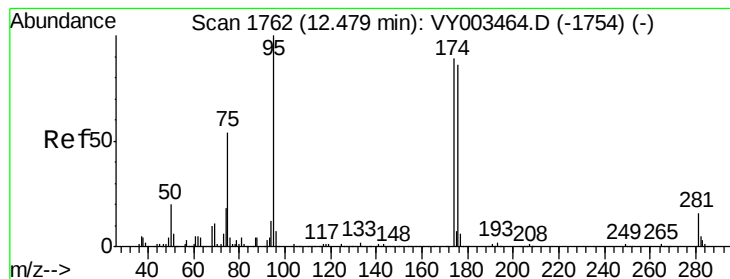
Tgt Ion: 43 Resp: 3304

Ion Ratio Lower Upper

43 100

58 45.8 31.0 46.4





#62

4-Bromofluorobenzene

Concen: 49.418 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003505.D

Acq: 04 Nov 2020 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBL01

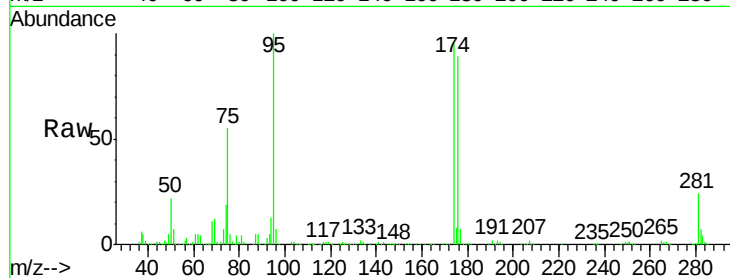
Tot Ion: 95 Resp: 143535

Ion Ratio Lower Upper

95 100

174 98.2 0.0 193.0

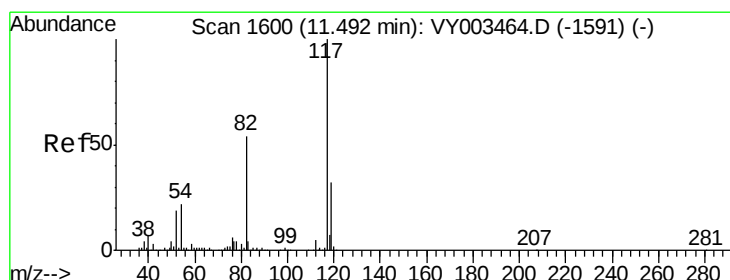
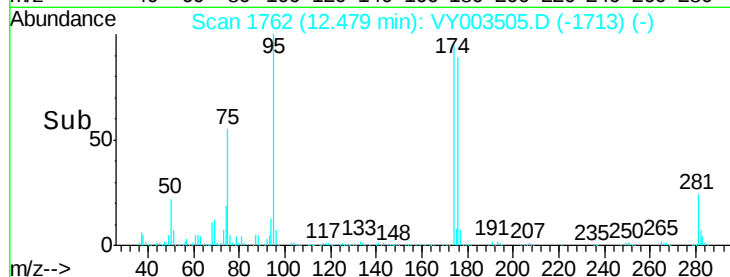
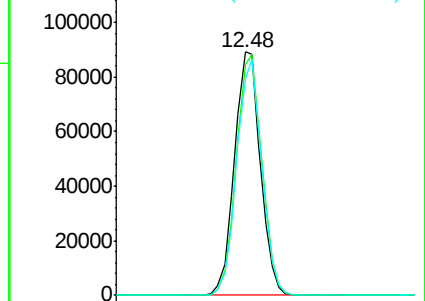
176 93.9 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VY003505.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY003505.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003505.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003505.D

Acq: 04 Nov 2020 11:27

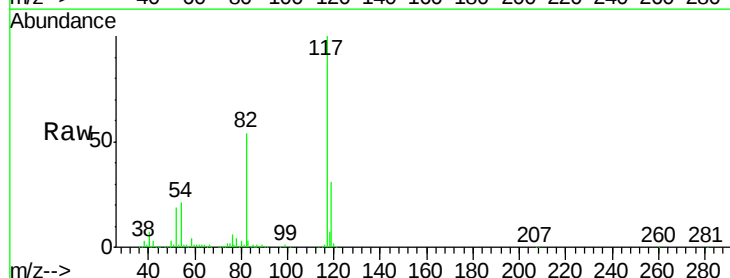
Tgt Ion: 117 Resp: 313874

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.2

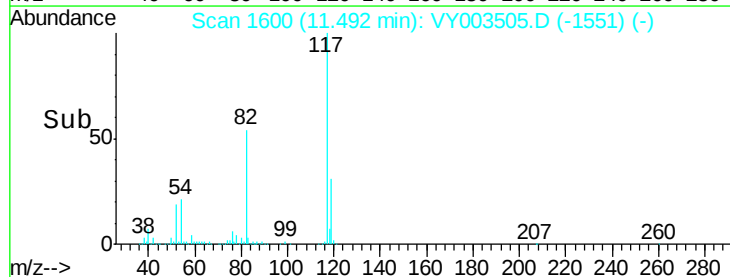
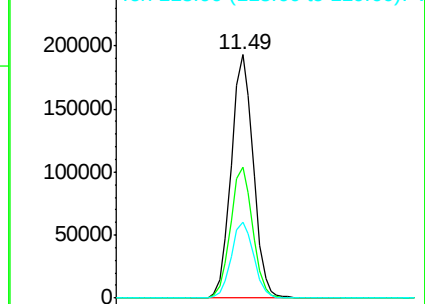
119 31.1 25.8 38.6

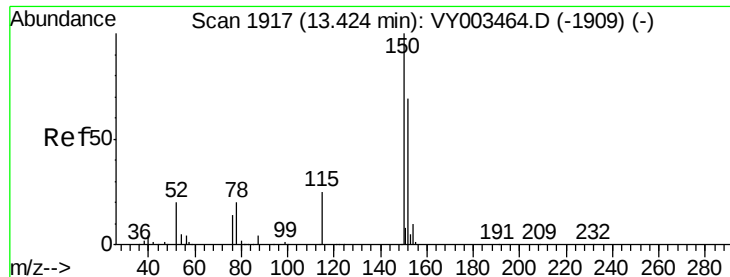


Abundance Ion 116.90 (116.60 to 117.60): VY003505.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003505.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003505.D (-1551) (-)



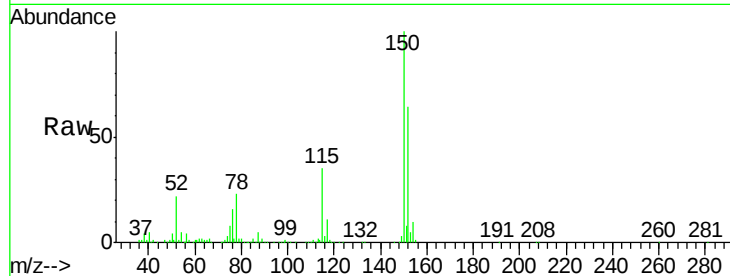


#72

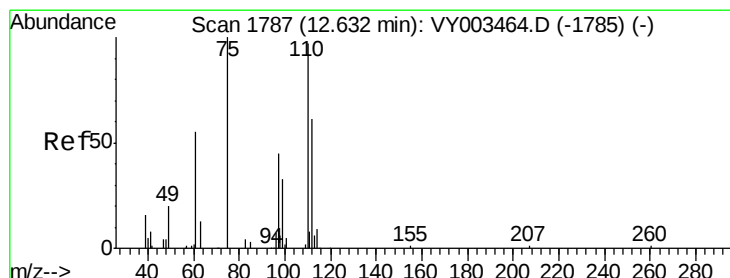
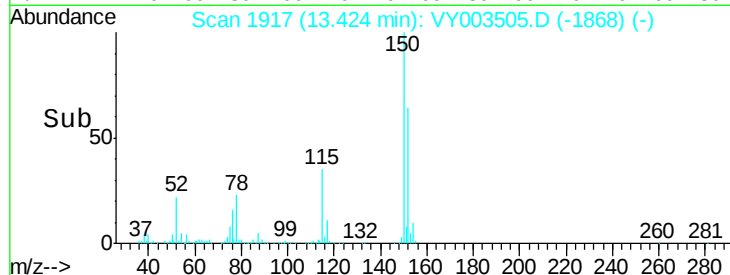
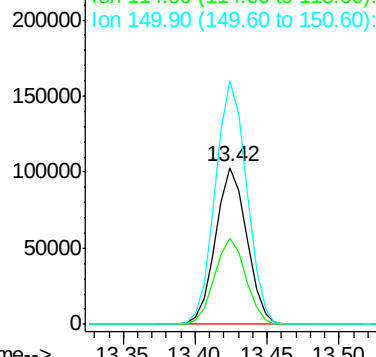
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003505.D
Acq: 04 Nov 2020 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBL01

Tot Ion:152 Resp: 154300
Ion Ratio Lower Upper
152 100
115 54.6 27.5 82.4
150 157.0 0.0 345.8



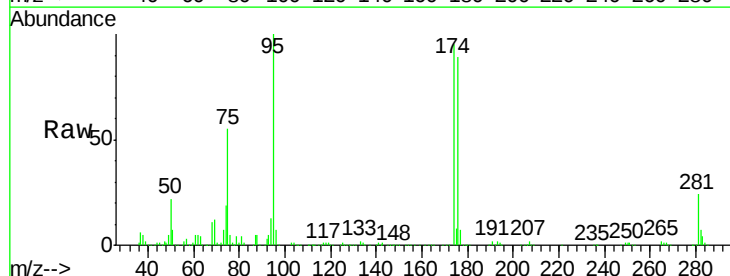
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



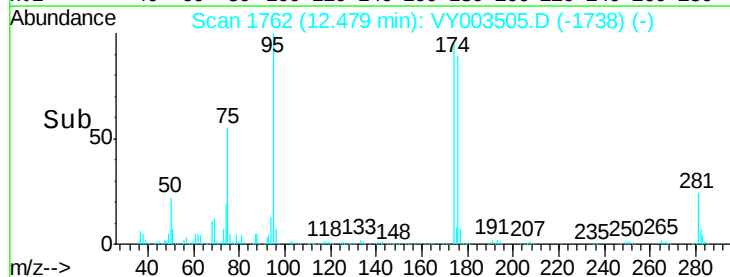
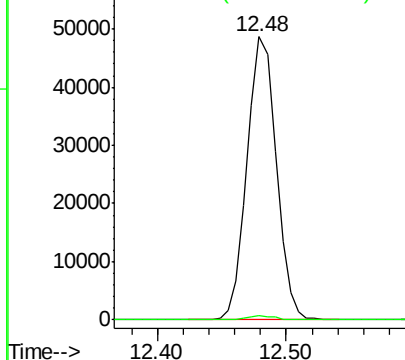
#76

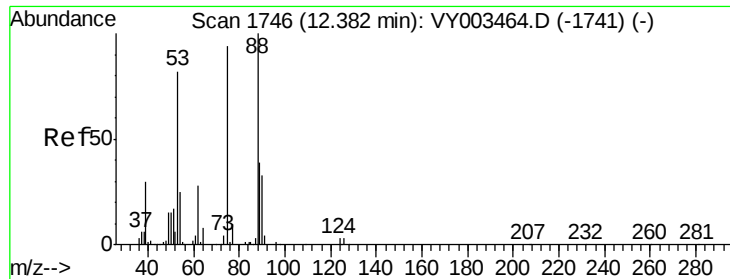
1,2,3-Trichloropropane
Concen: 46.923 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003505.D
Acq: 04 Nov 2020 11:27

Tgt Ion: 75 Resp: 76607
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: 97.937 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003505.D

Acq: 04 Nov 2020 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBL01

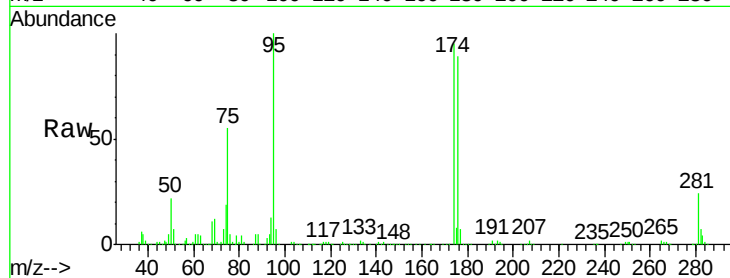
Tot Ion: 75 Resp: 76607

Ion Ratio Lower Upper

75 100

53 0.1 74.7 112.1#

89 0.4 35.8 53.8#



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

