

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003478.D
 Acq On : 02 Nov 2020 17:20
 Operator : SY/MD
 Sample : L4606-02
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1A

Quant Time: Nov 03 01:55:32 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

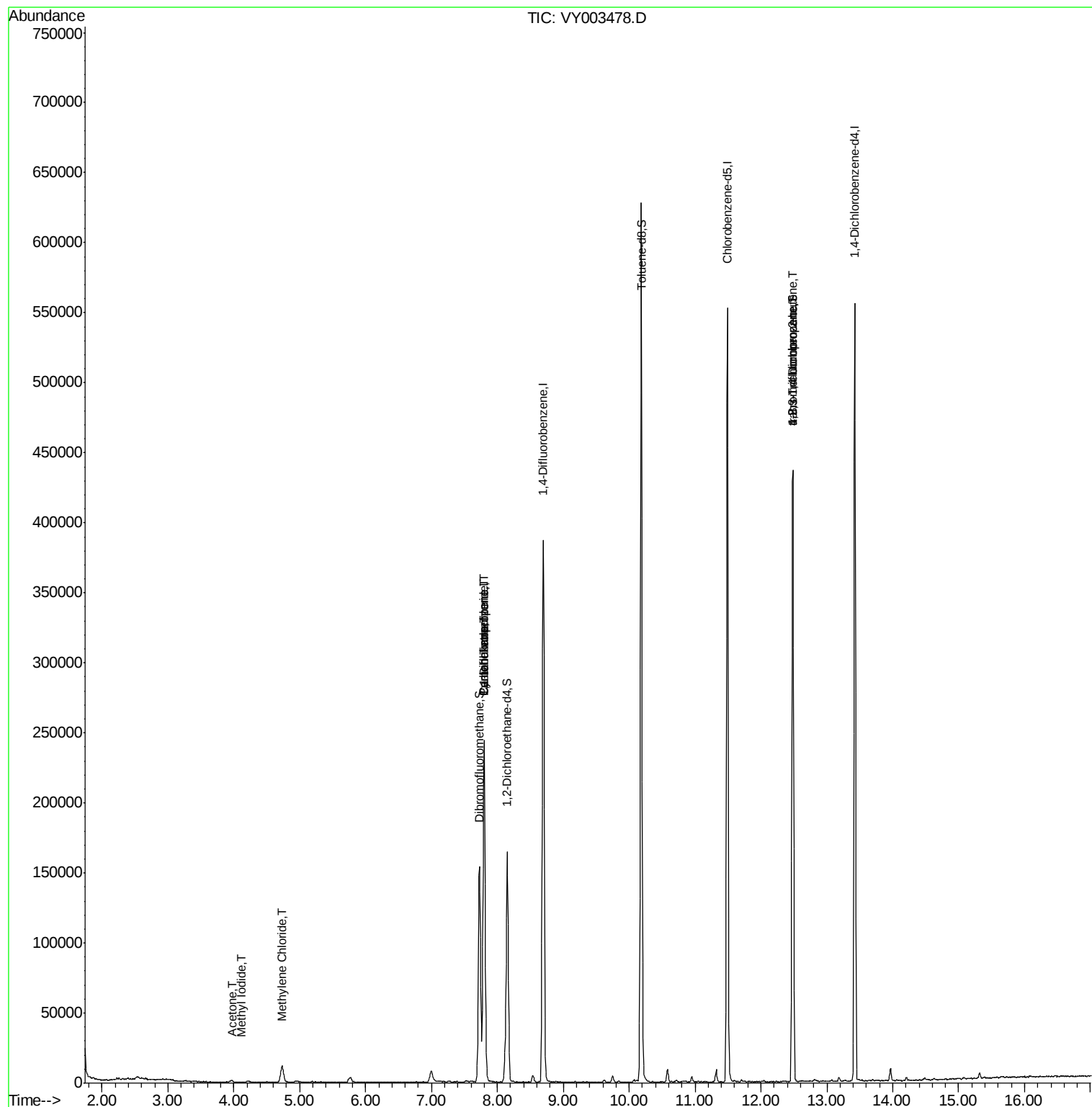
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	203364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	334266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	300588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	140475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	122492	58.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.50%	
35) Dibromofluoromethane	7.73	113	105597	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
50) Toluene-d8	10.18	98	405801	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.48	95	127567	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.11	142	279	4.752	ug/l #	74
11) Tert butyl alcohol	4.96	59	676	Below Cal	#	73
16) Acetone	3.97	43	1962	2.853	ug/l	89
20) Methylene Chloride	4.74	84	8348	4.310	ug/l	94
31) Cyclohexane	7.80	56	3901	1.248	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	14431	4.579	ug/l #	50
38) Carbon Tetrachloride	7.80	117	18024	5.513	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	67185	45.202	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	67185	94.344	ug/l #	12

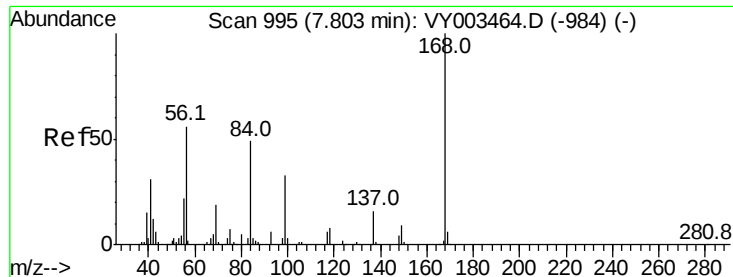
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
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Instrument :
MSVOA_Y
ClientSampleId :
S-1A

Quant Time: Nov 03 01:55:32 2020
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: VY003478.D

Acq: 02 Nov 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

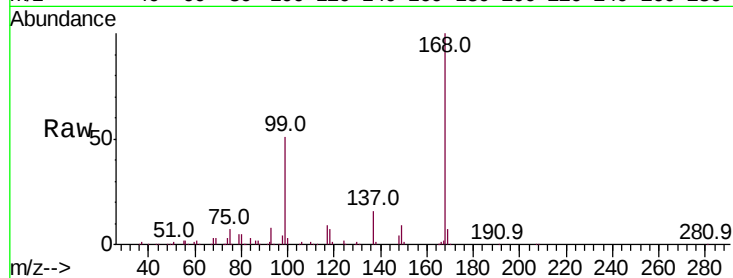
S-1A

Tot Ion:168 Resp: 203364

Ion Ratio Lower Upper

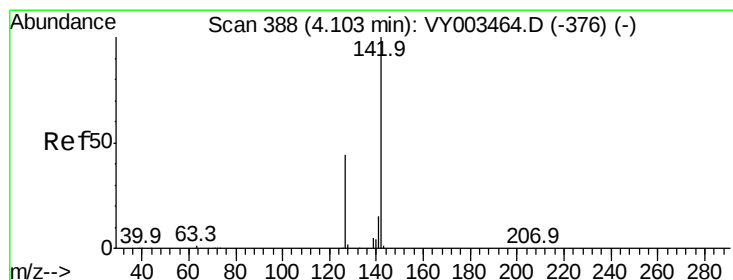
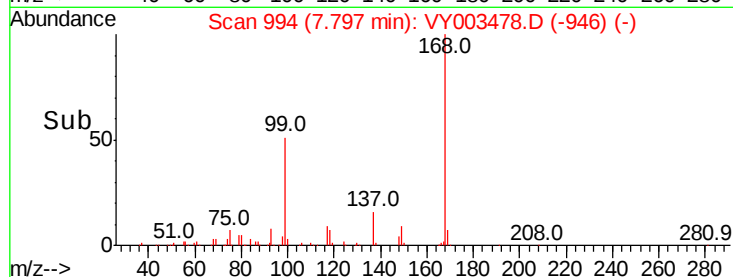
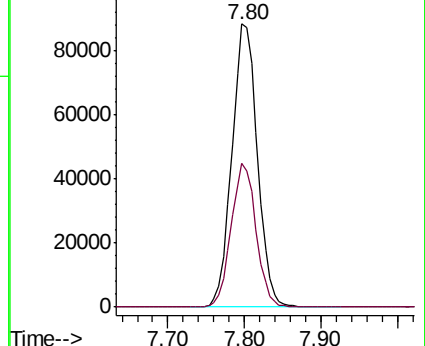
168 100

99 50.9 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 4.752 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY003478.D

Acq: 02 Nov 2020 17:20

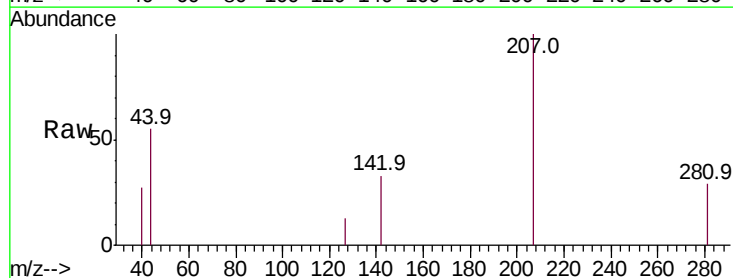
Tgt Ion:142 Resp: 279

Ion Ratio Lower Upper

142 100

127 28.3 34.5 51.7#

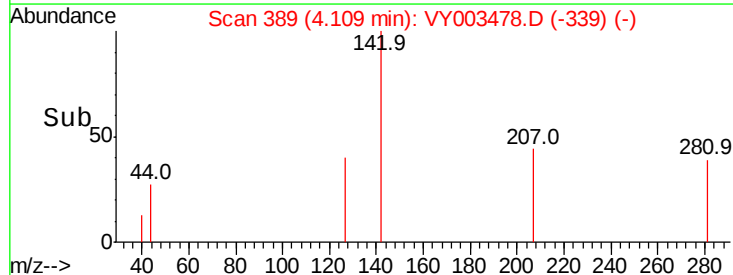
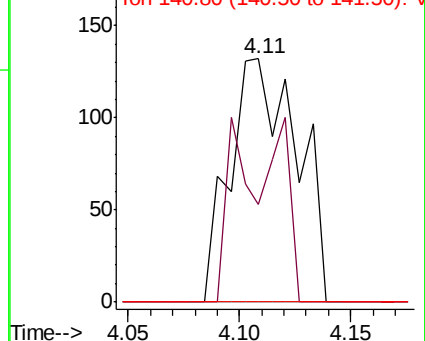
141 0.0 11.8 17.8#

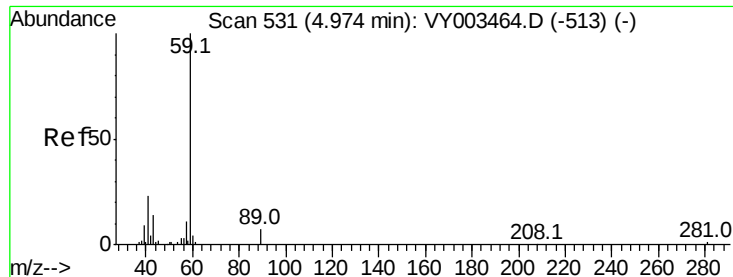


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



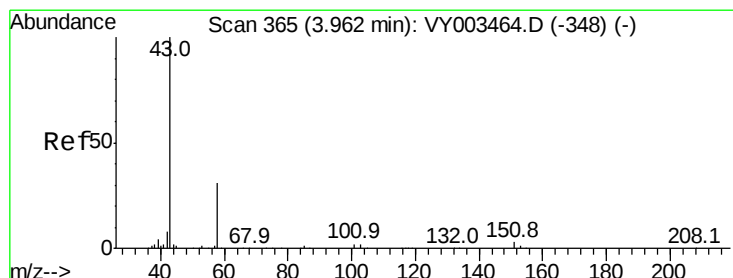
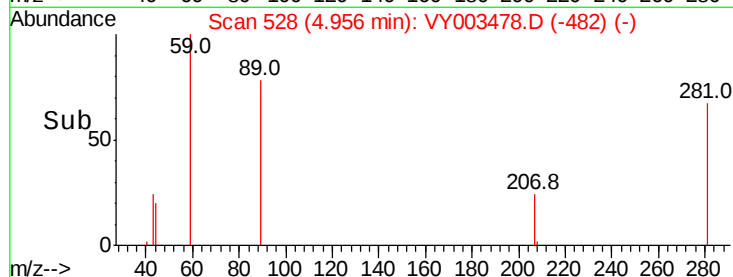
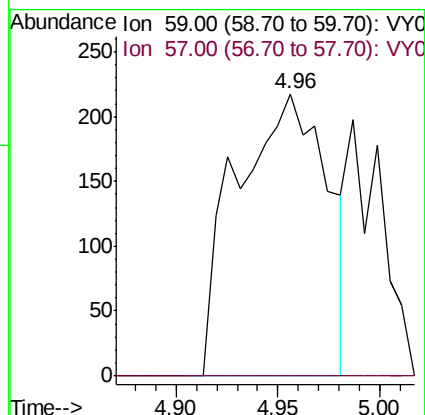
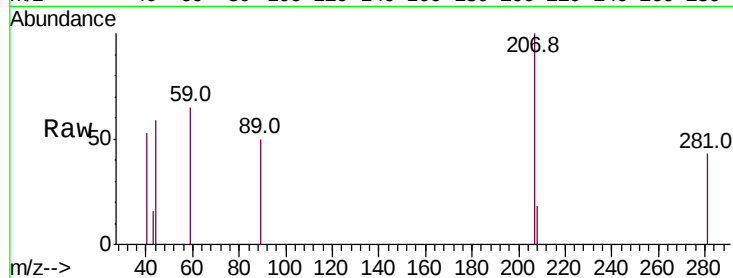


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.96 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VY003478.D
 Acq: 02 Nov 2020 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1A

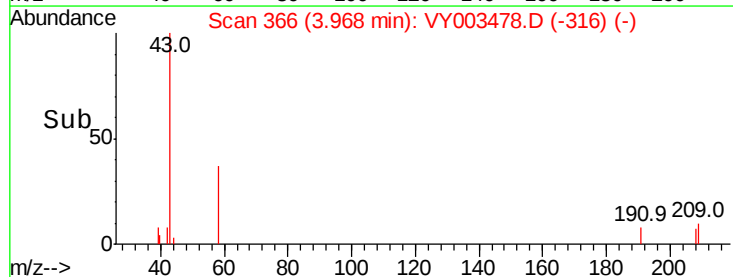
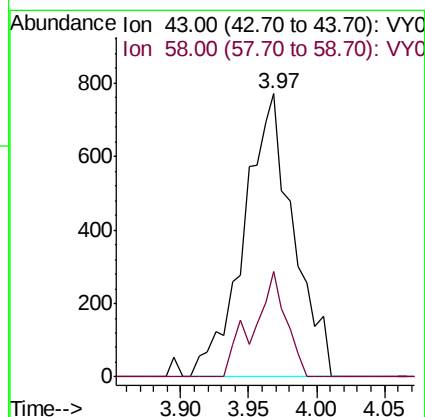
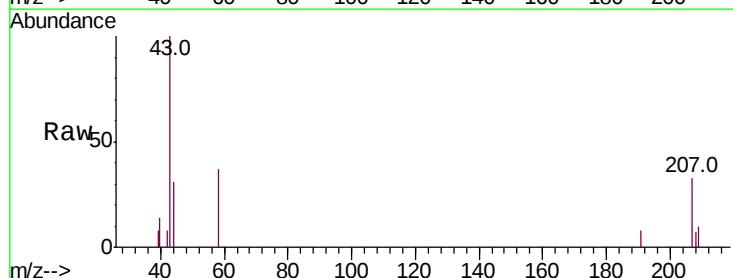
Tot Ion: 59 Resp: 676
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

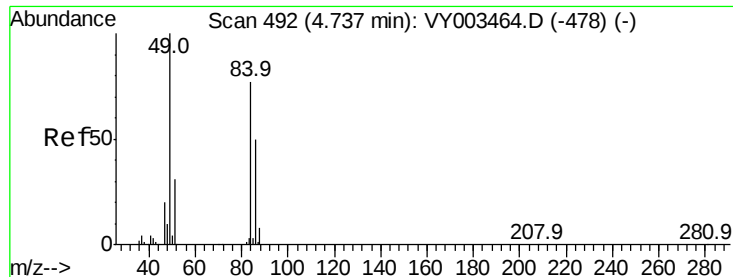


#16

Acetone
 Concen: 2.853 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VY003478.D
 Acq: 02 Nov 2020 17:20

Tgt Ion: 43 Resp: 1962
 Ion Ratio Lower Upper
 43 100
 58 37.4 25.0 37.4

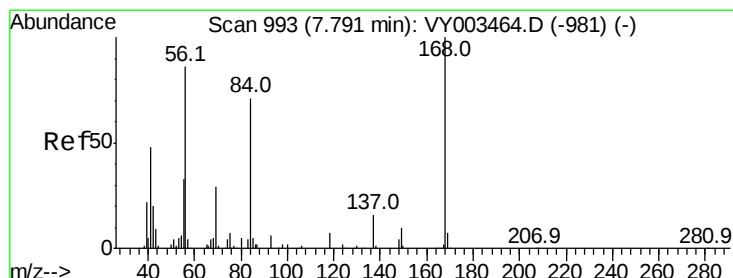
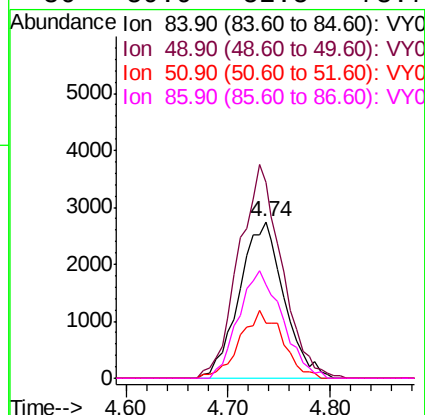
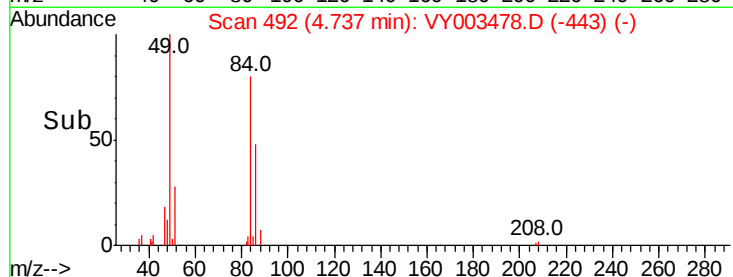
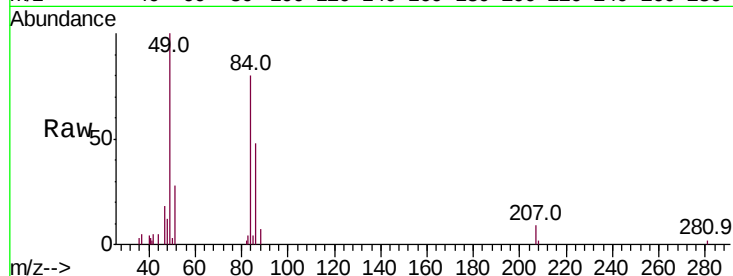




#20
Methvlene Chloride
Concen: 4.310 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY003478.D
Acq: 02 Nov 2020 17:20

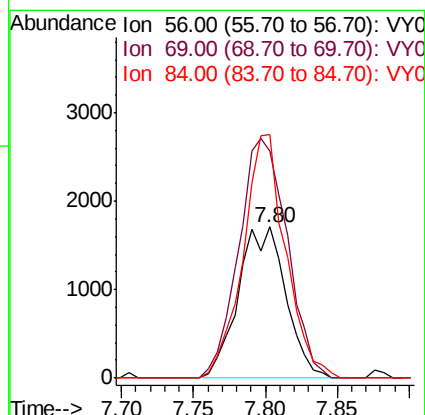
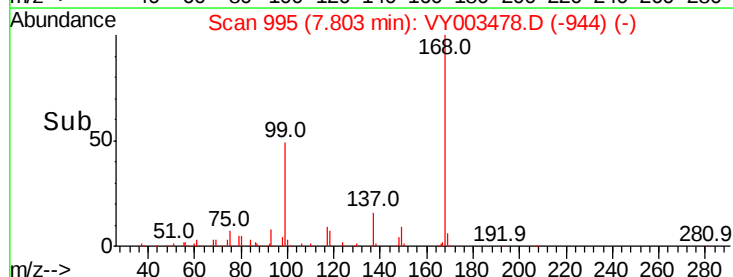
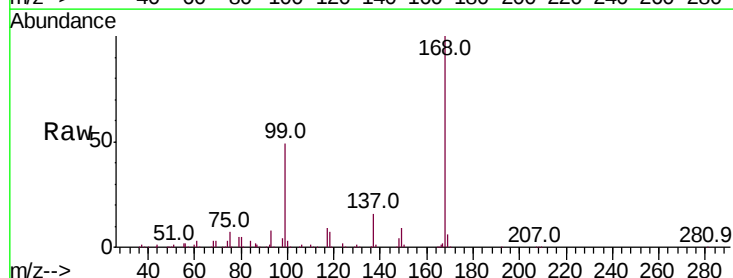
Instrument :
MSVOA_Y
ClientSampleId :
S-1A

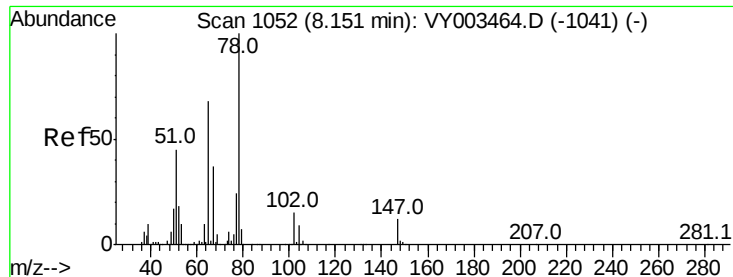
Tot Ion:	84	Resp:	8348
Ion	Ratio	Lower	Upper
84	100		
49	125.3	104.3	156.5
51	34.9	32.5	48.7
86	59.9	52.5	78.7



#31
Cyclohexane
Concen: 1.248 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY003478.D
Acq: 02 Nov 2020 17:20

Tgt Ion:	56	Resp:	3901
Ion	Ratio	Lower	Upper
56	100		
69	150.7	26.6	39.8#
84	161.4	65.9	98.9#

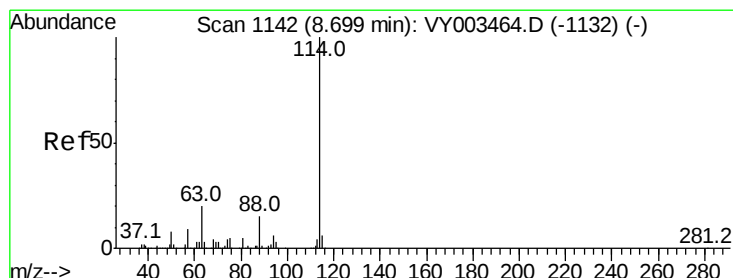
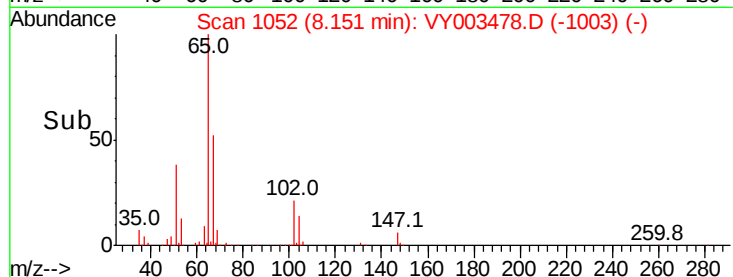
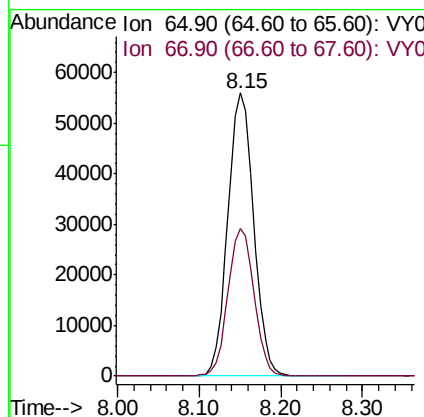
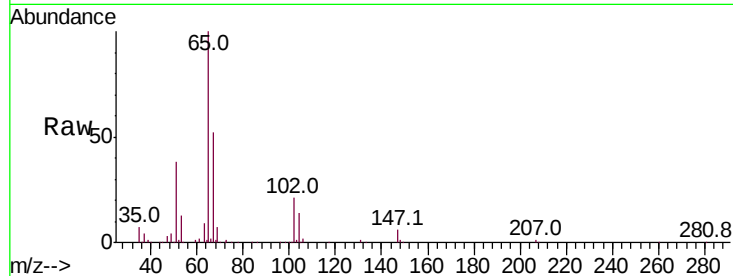




#33
 1,2-Dichloroethane-d4
 Concen: 58.753 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY003478.D
 Acq: 02 Nov 2020 17:20

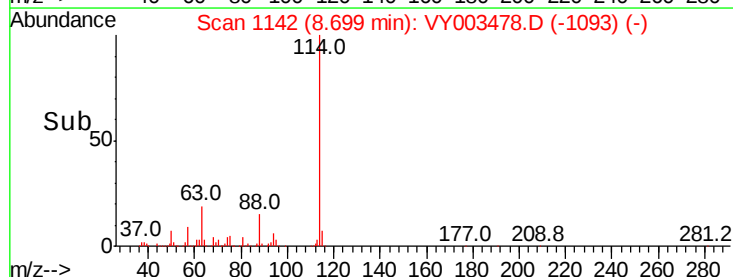
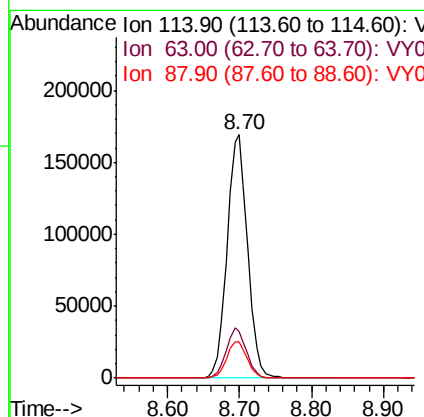
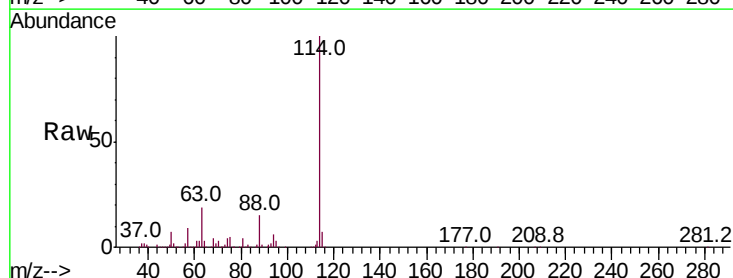
Instrument :
 MSVOA_Y
 ClientSampled :
 S-1A

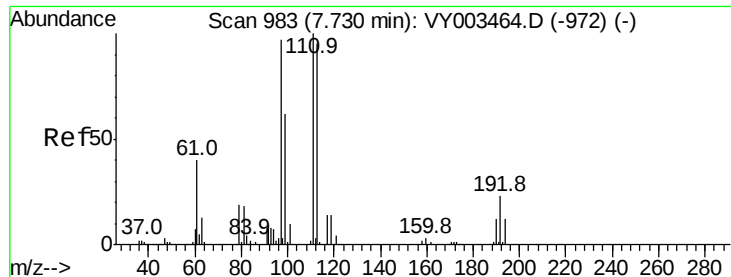
Tot Ion: 65 Resp: 122492
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY003478.D
 Acq: 02 Nov 2020 17:20

Tgt Ion: 114 Resp: 334266
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.6
 88 15.0 0.0 29.4

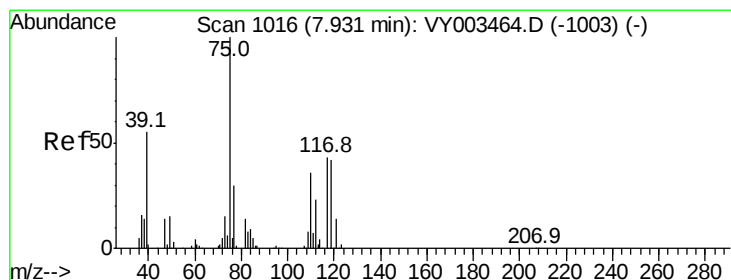
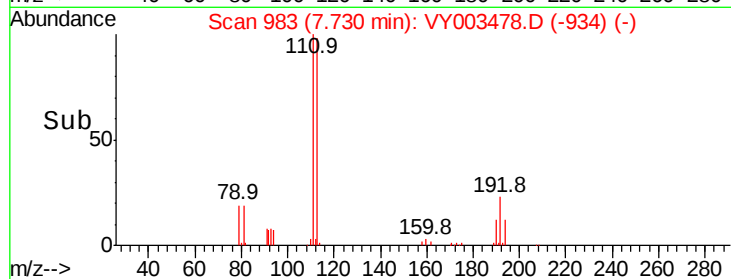
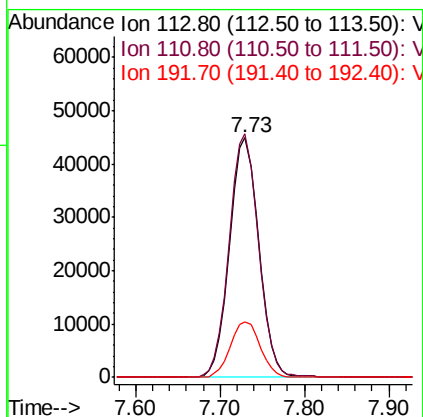
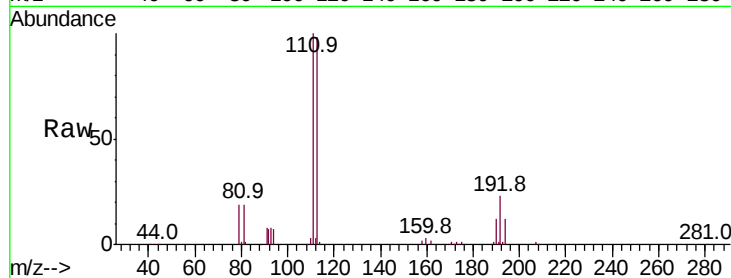




#35
 Dibromofluoromethane
 Concen: 51.914 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY003478.D
 Acq: 02 Nov 2020 17:20

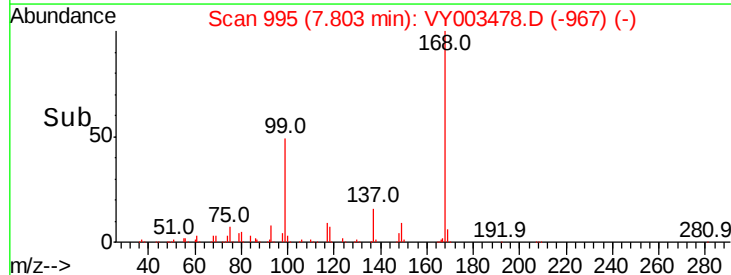
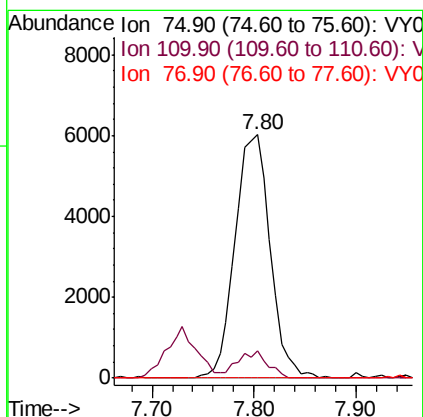
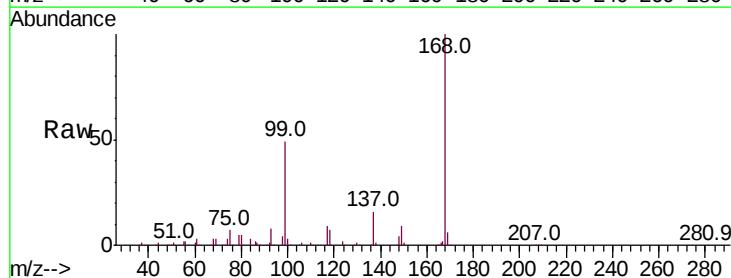
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1A

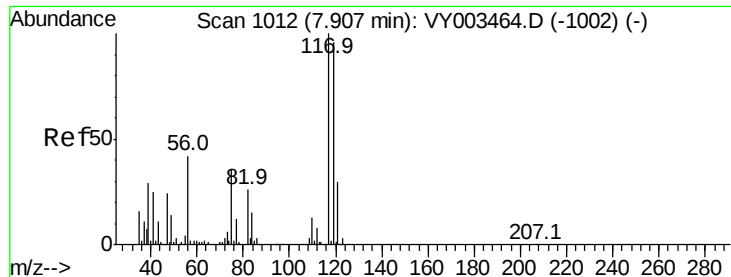
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.6
192	23.7	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.579 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY003478.D
 Acq: 02 Nov 2020 17:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.6	52.9#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.513 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.10 min

Lab File: VY003478.D

Acq: 02 Nov 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

S-1A

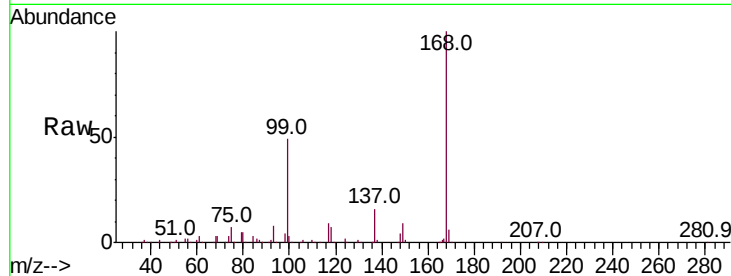
Tot Ion:117 Resp: 18024

Ion Ratio Lower Upper

117 100

119 4.9 76.2 114.4#

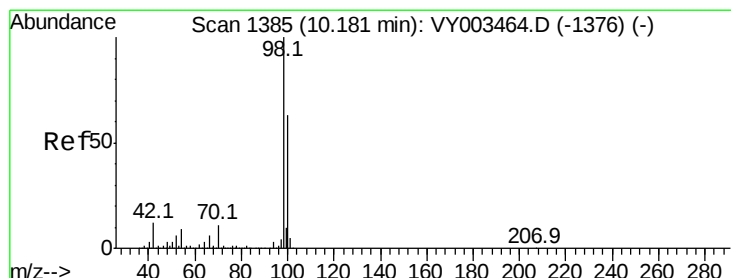
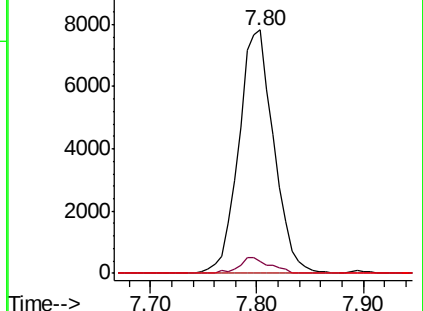
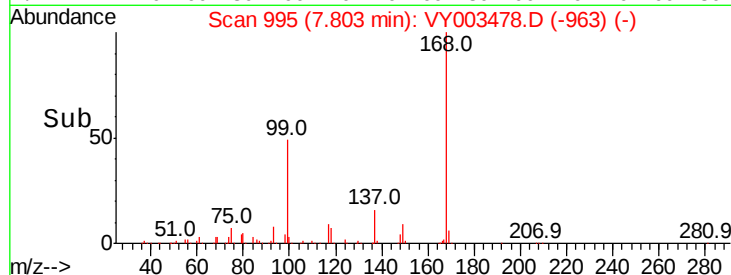
121 0.0 24.2 36.4#



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: 47.956 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003478.D

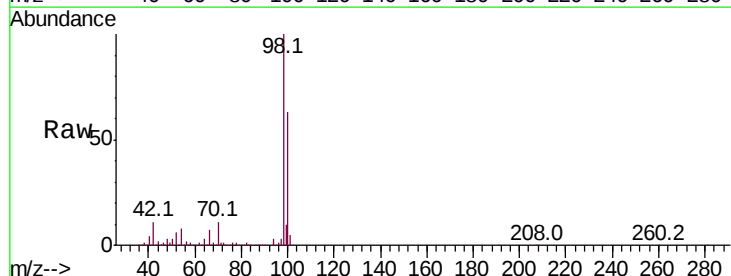
Acq: 02 Nov 2020 17:20

Tgt Ion: 98 Resp: 405801

Ion Ratio Lower Upper

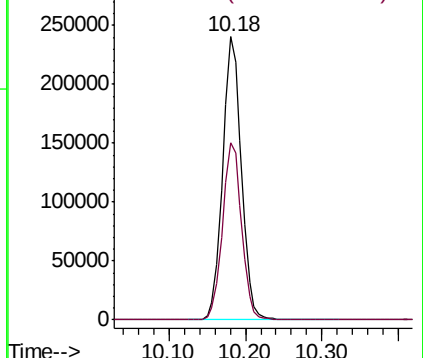
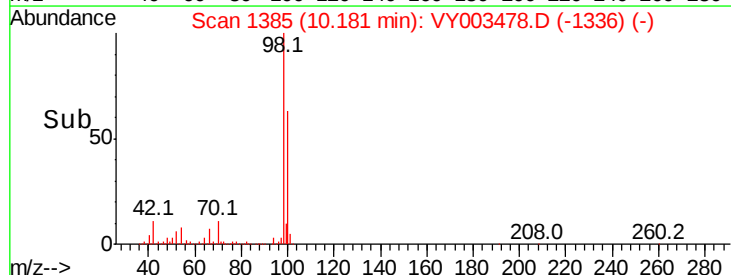
98 100

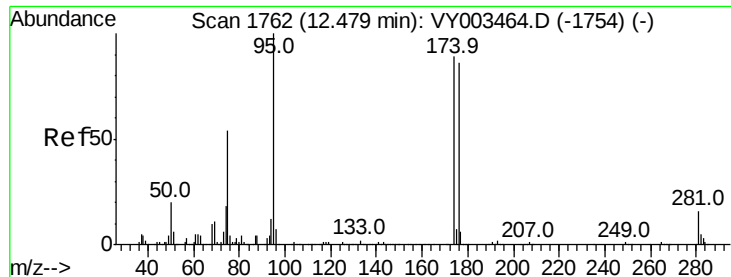
100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

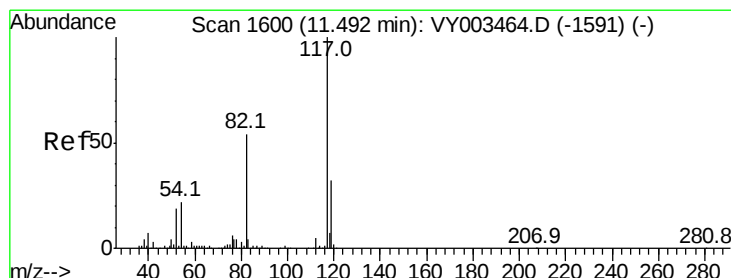
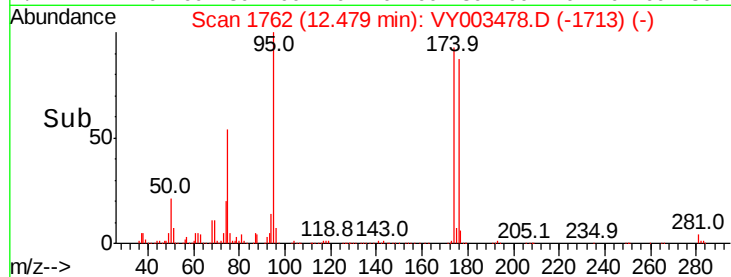
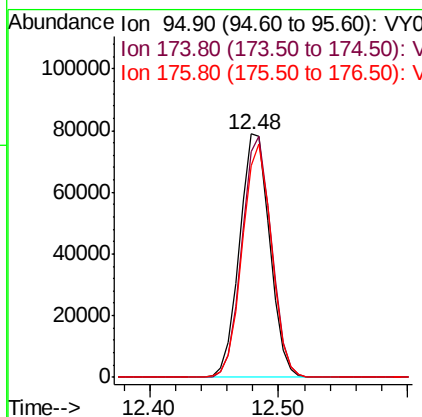
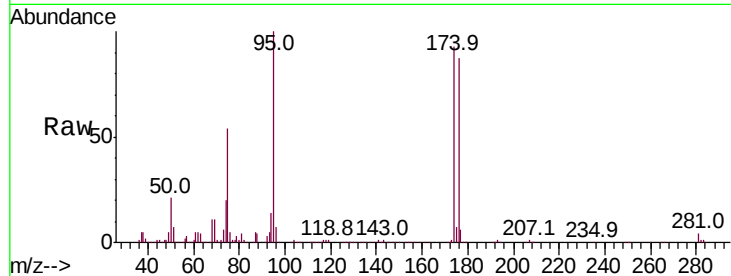




#62
4-Bromofluorobenzene
Concen: 45.499 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003478.D
Acq: 02 Nov 2020 17:20

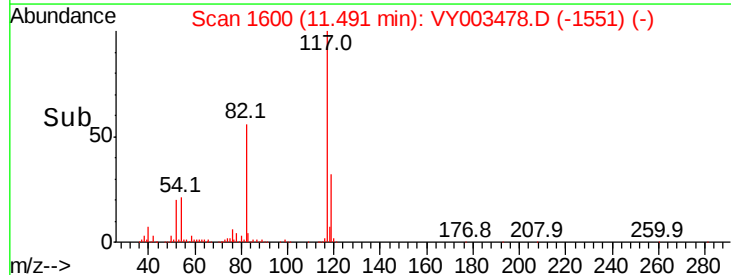
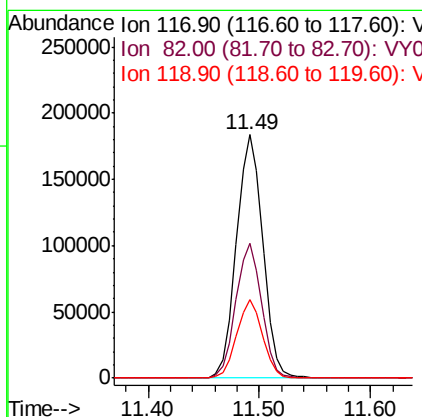
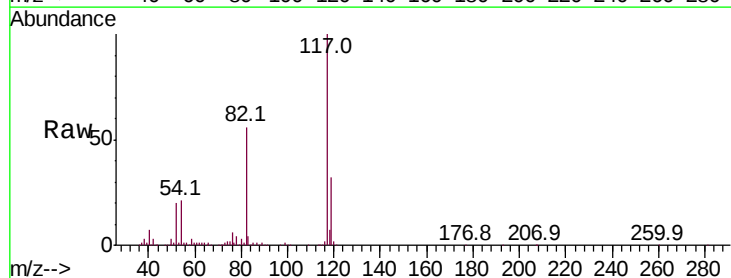
Instrument :
MSVOA_Y
ClientSampled :
S-1A

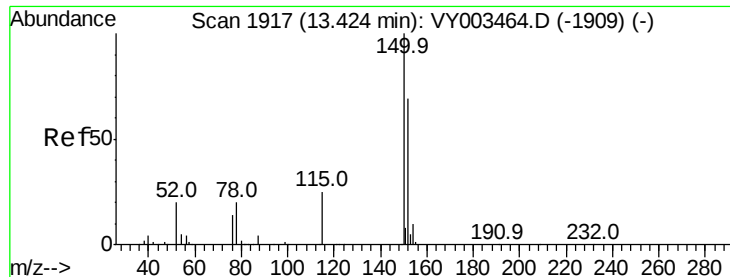
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.5	0.0	193.0
176	92.6	0.0	187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003478.D
Acq: 02 Nov 2020 17:20

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.4	65.2
119	32.3	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003478.D

Acq: 02 Nov 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

S-1A

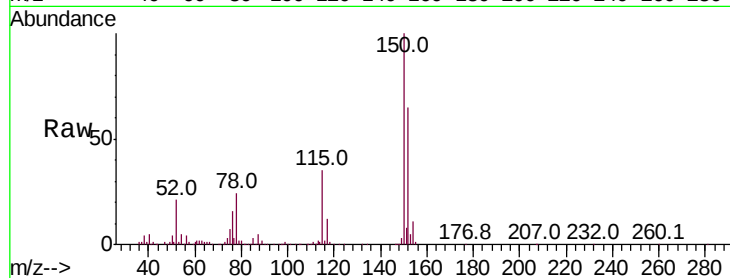
Tot Ion:152 Resp: 140475

Ion Ratio Lower Upper

152 100

115 54.3 27.5 82.4

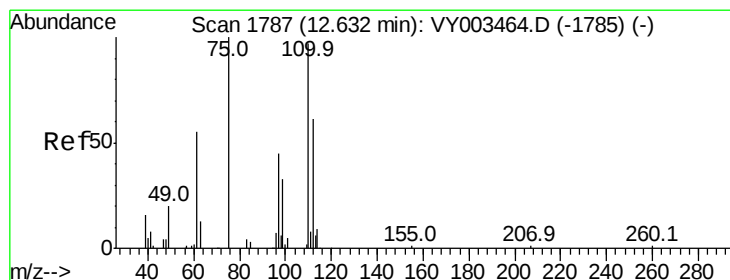
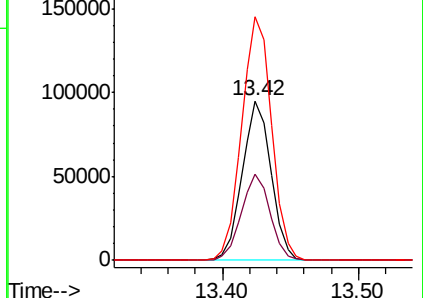
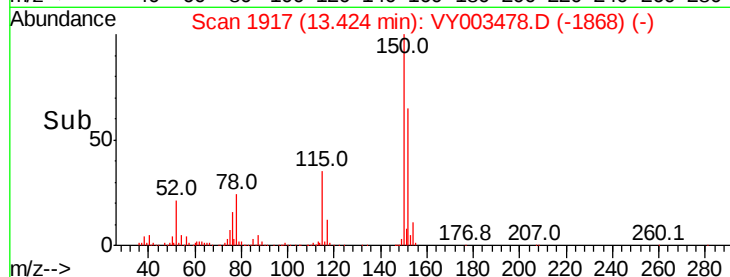
150 158.7 0.0 345.8



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: 45.202 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003478.D

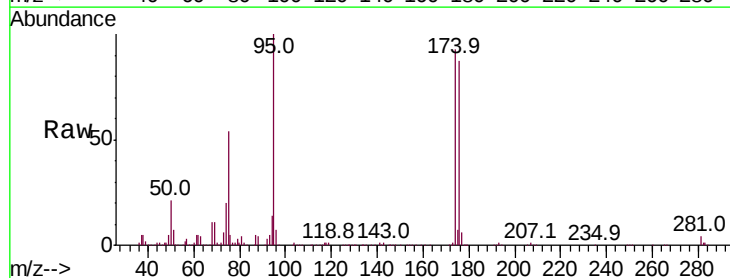
Acq: 02 Nov 2020 17:20

Tgt Ion: 75 Resp: 67185

Ion Ratio Lower Upper

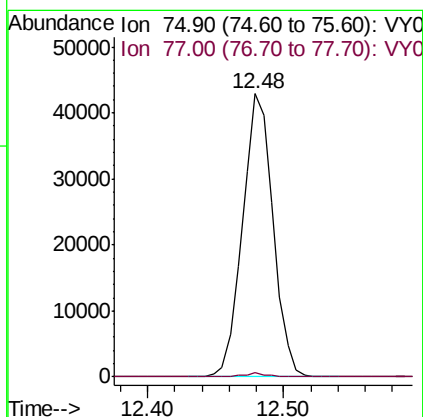
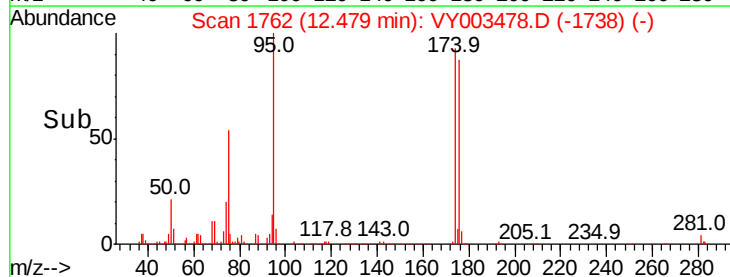
75 100

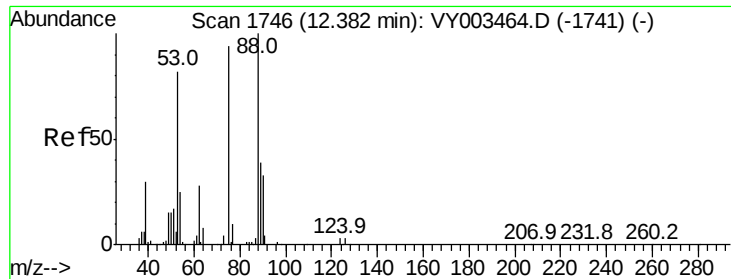
77 1.2 0.0 0.0#



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: 94.344 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003478.D

Acq: 02 Nov 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

S-1A

Tot Ion: 75 Resp: 67185

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.1 35.8 53.8#

