

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110119\
 Data File : VY000528.D
 Acq On : 01 Nov 2019 17:00
 Operator : SY/MD
 Sample : K5661-01RE
 Misc : 5.81G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 23:34:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

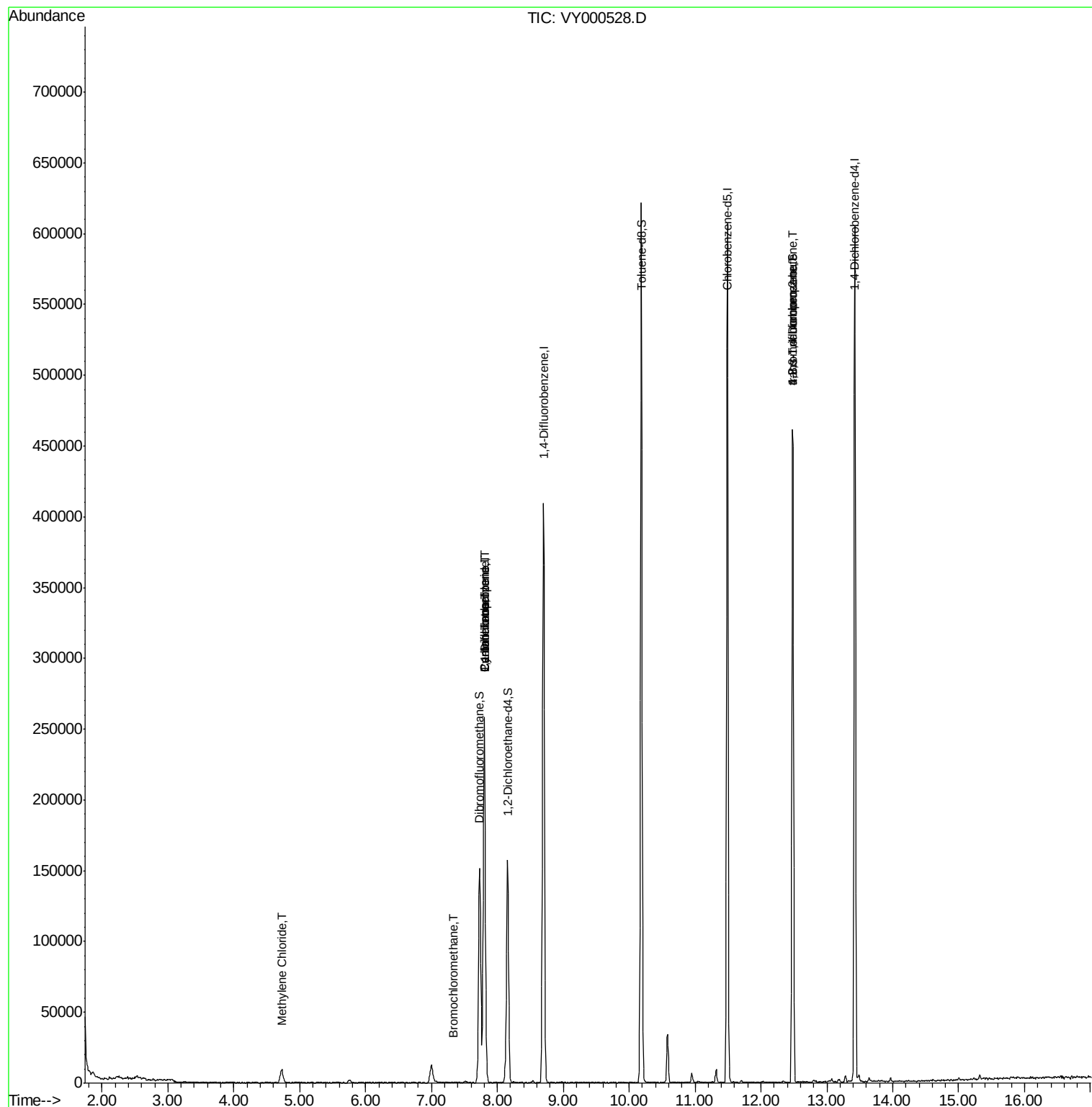
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	196345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	343547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	314544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	144963	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	120874	59.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.98%	
35) Dibromofluoromethane	7.73	113	104272	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
50) Toluene-d8	10.18	98	407748	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
62) 4-Bromofluorobenzene	12.48	95	141036	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.72	84	6458	2.691	ug/l #	85
28) Bromochloromethane	7.34	49	63	4.126	ug/l #	14
31) Cyclohexane	7.80	56	4785	1.217	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	16225	4.996	ug/l #	50
38) Carbon Tetrachloride	7.80	117	19255	6.162	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	73870	44.753	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	73870	100.343	ug/l #	13

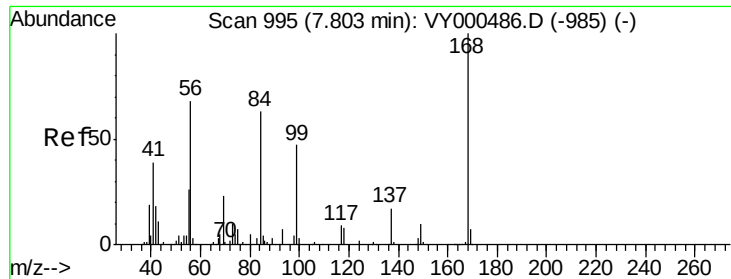
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
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QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000528.D

Acq: 01 Nov 2019 17:00

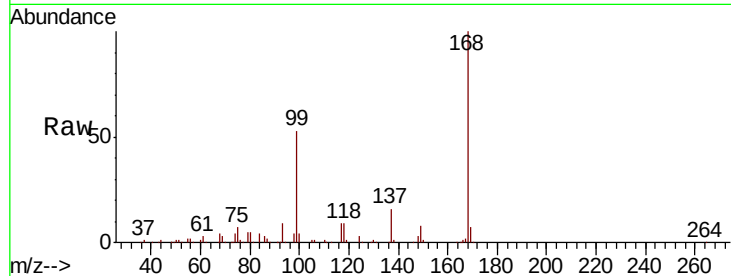
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 196345

Ion Ratio Lower Upper

168 100

99 52.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000528.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000528.D (-946) (-)

7.80

100000

80000

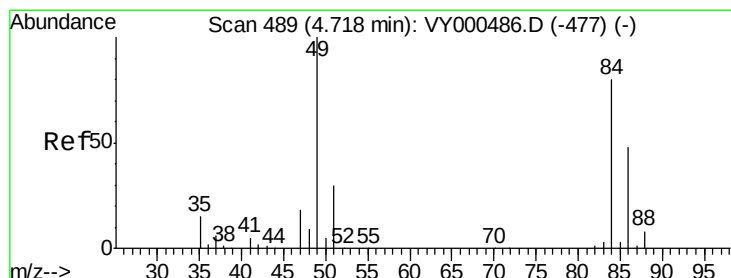
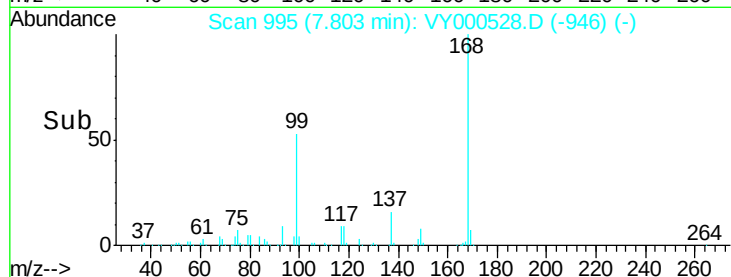
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.691 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.00 min

Lab File: VY000528.D

Acq: 01 Nov 2019 17:00

Tgt Ion: 84 Resp: 6458

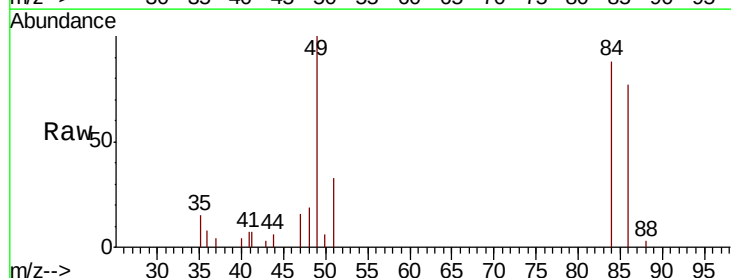
Ion Ratio Lower Upper

84 100

49 114.3 100.2 150.4

51 37.5 29.6 44.4

86 87.7 48.3 72.5#



Abundance Ion 83.90 (83.60 to 84.60): VY000528.D (-440) (-)

Ion 48.90 (48.60 to 49.60): VY000528.D (-440) (-)

Ion 50.90 (50.60 to 51.60): VY000528.D (-440) (-)

Ion 85.90 (85.60 to 86.60): VY000528.D (-440) (-)

4000

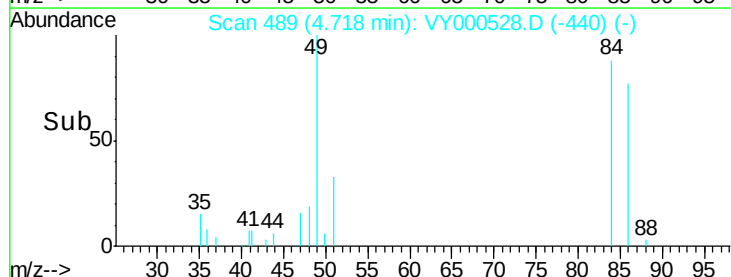
3000

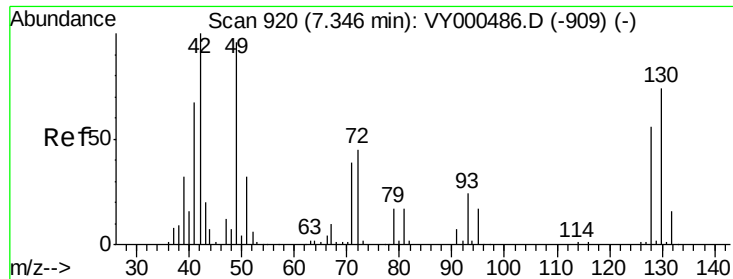
2000

1000

0

Time-->





#28

Bromochloromethane

Concen: 4.126 ug/l

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY000528.D

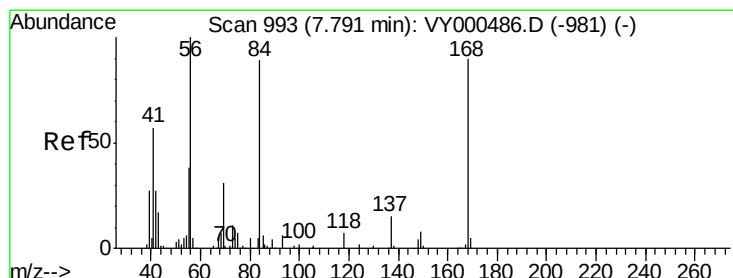
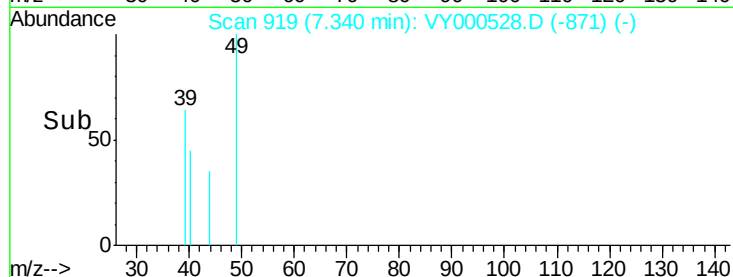
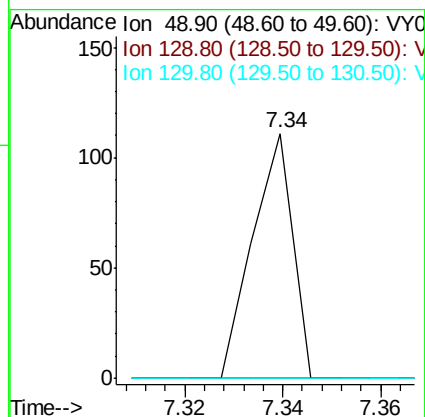
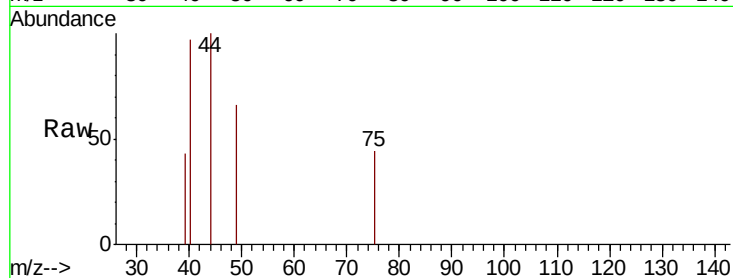
Acq: 01 Nov 2019 17:00

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:	49	Resp:	63
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	59.4	89.0#



#31

Cyclohexane

Concen: 1.217 ug/l

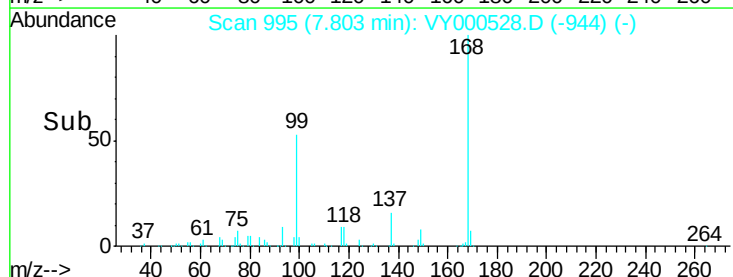
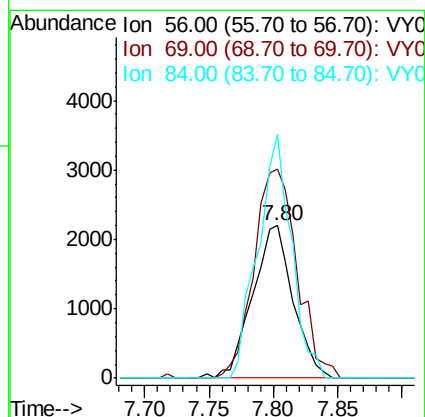
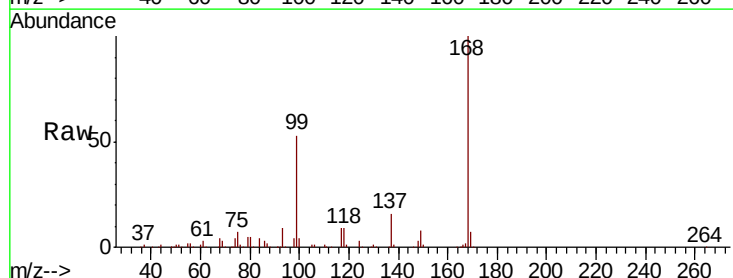
RT: 7.80 min Scan# 995

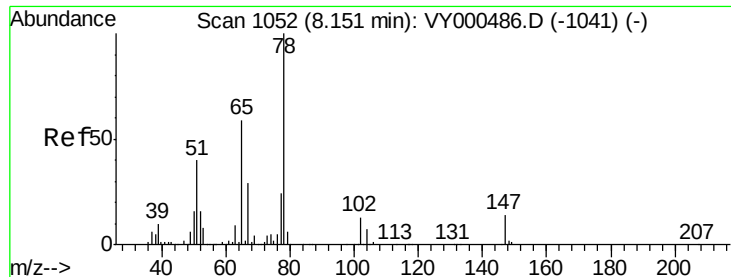
Delta R.T. 0.01 min

Lab File: VY000528.D

Acq: 01 Nov 2019 17:00

Tgt Ion:	56	Resp:	4785
Ion	Ratio	Lower	Upper
56	100		
69	137.2	25.0	37.6#
84	160.0	71.4	107.2#

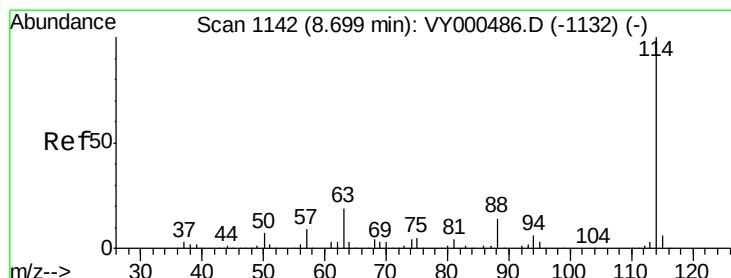
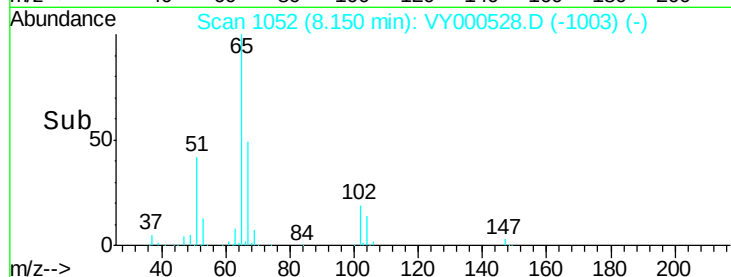
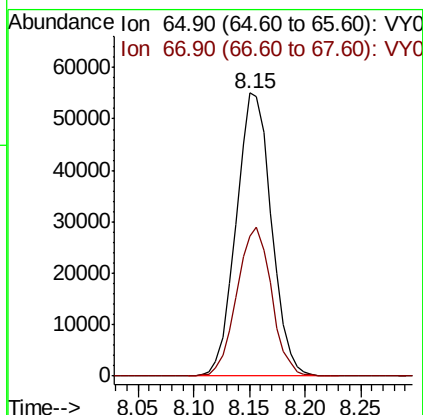
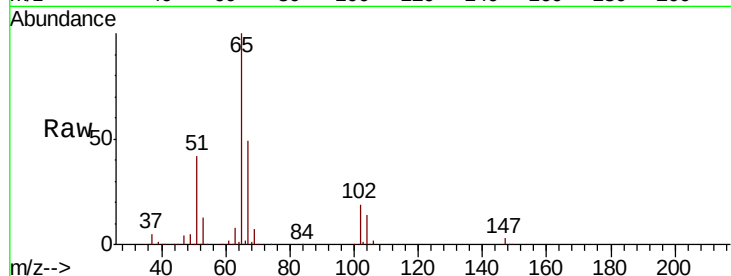




#33
 1,2-Dichloroethane-d4
 Concen: 59.488 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000528.D
 Acq: 01 Nov 2019 17:00

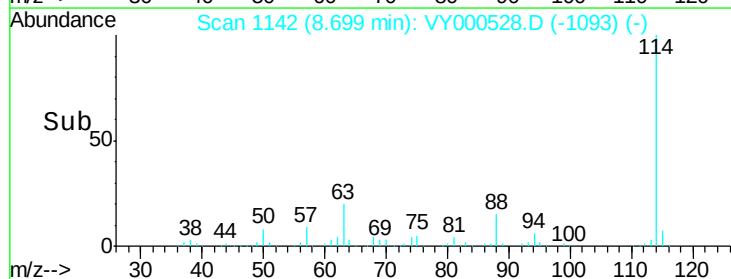
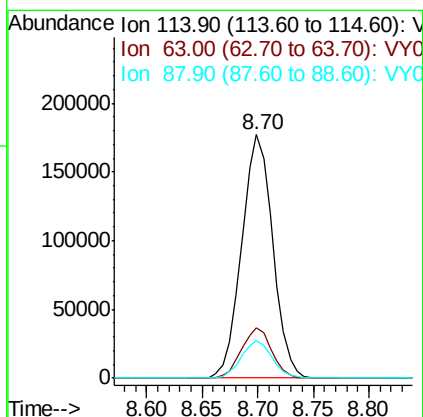
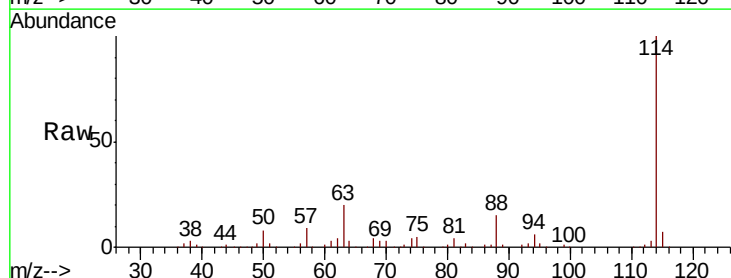
Instrument :
 MSVOA_Y
 ClientSampleId :

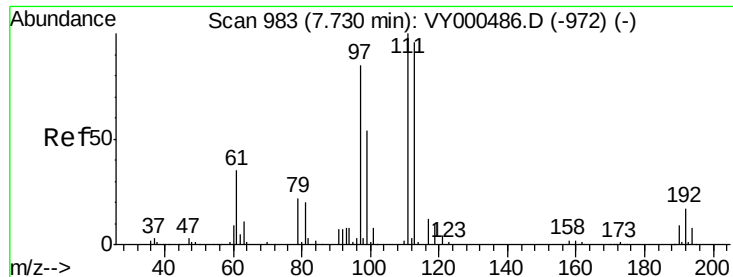
Tot Ion: 65 Resp: 120874
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000528.D
 Acq: 01 Nov 2019 17:00

Tgt Ion: 114 Resp: 343547
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.0
 88 15.3 0.0 28.6

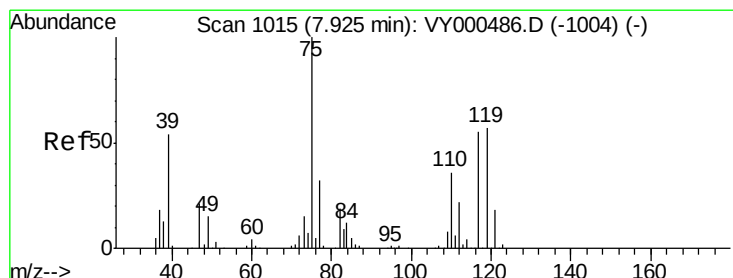
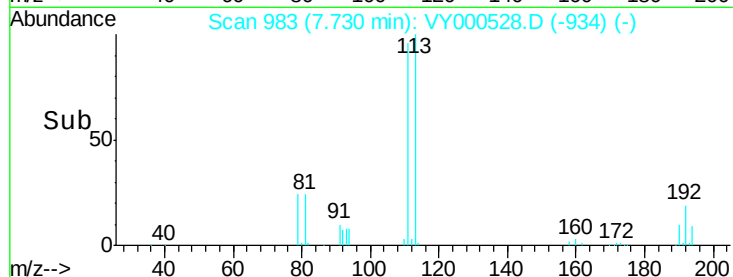
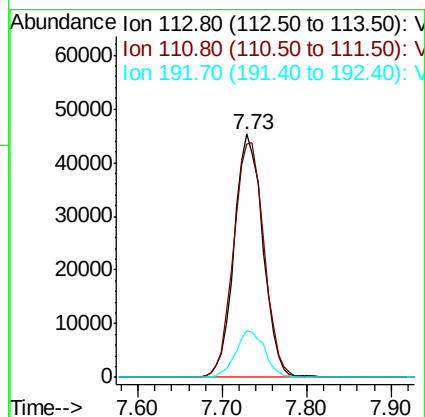
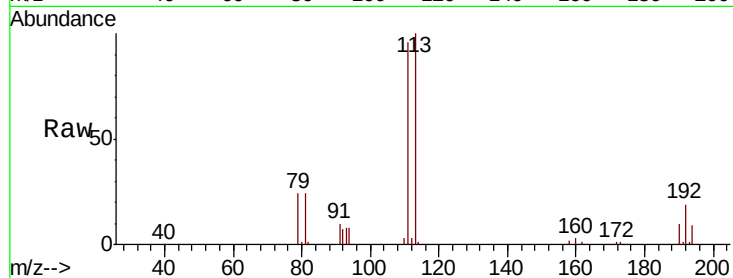




#35
 Dibromofluoromethane
 Concen: 51.701 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000528.D
 Acq: 01 Nov 2019 17:00

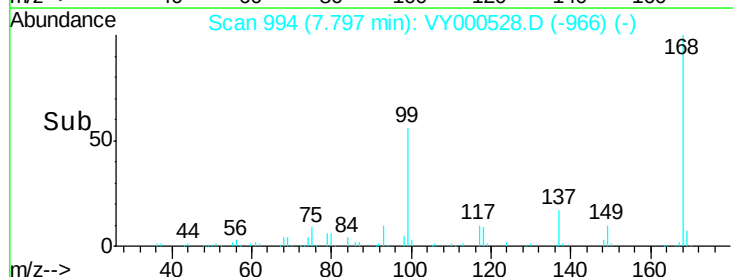
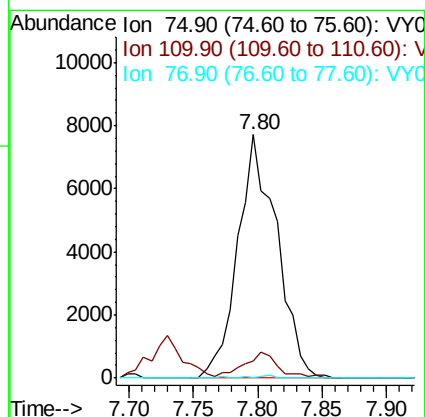
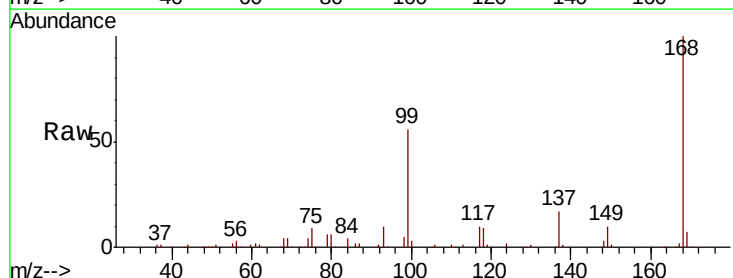
Instrument :
 MSVOA_Y
 ClientSampled :

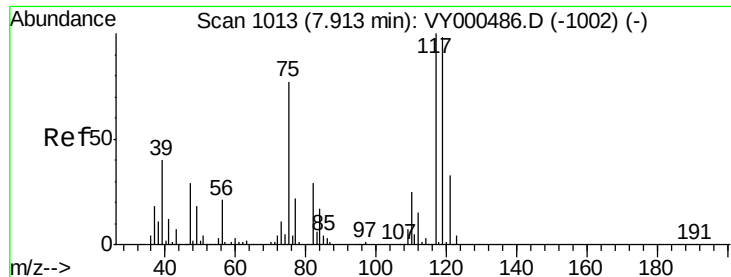
Tot Ion:113 Resp: 104272
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.7 122.5
 192 19.4 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 4.996 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000528.D
 Acq: 01 Nov 2019 17:00

Tgt Ion: 75 Resp: 16225
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.1 54.1#
 77 0.5 25.0 37.6#

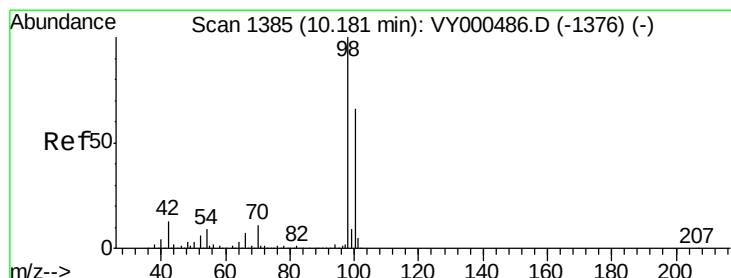
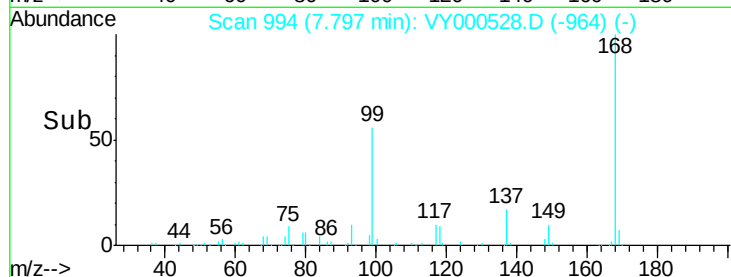
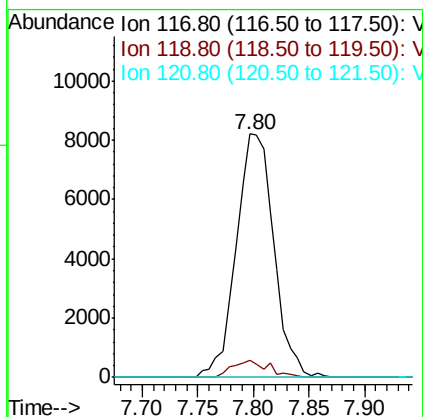
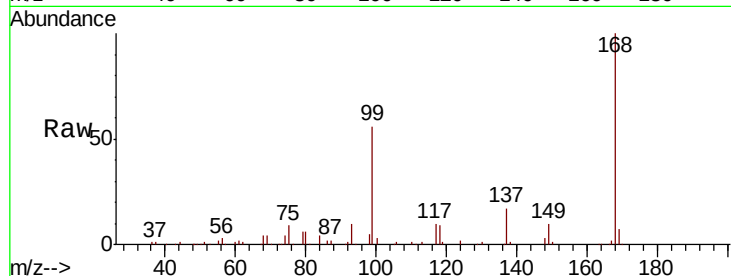




#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000528.D
Acq: 01 Nov 2019 17:00

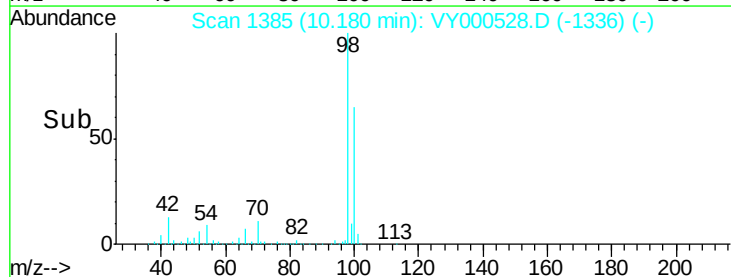
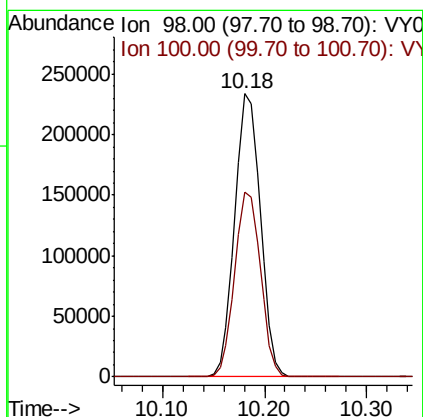
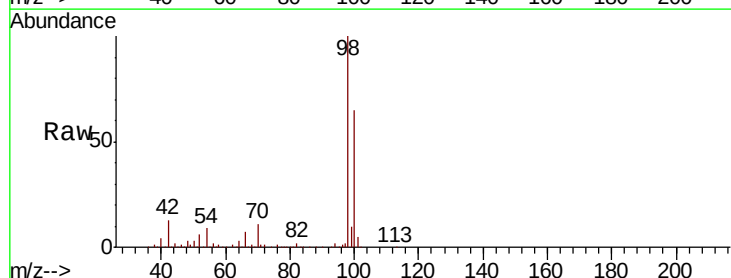
Instrument :
MSVOA_Y
ClientSampled :

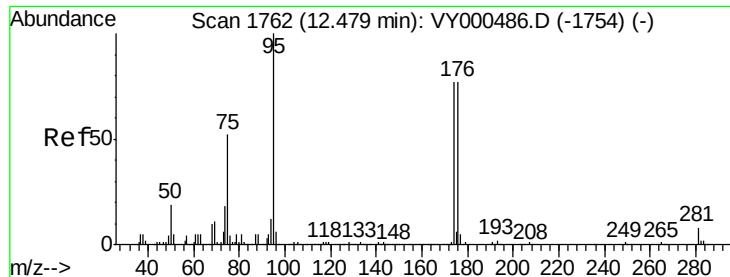
Tot Ion:117 Resp: 19255
Ion Ratio Lower Upper
117 100
119 7.2 78.0 117.0#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 53.281 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000528.D
Acq: 01 Nov 2019 17:00

Tgt Ion: 98 Resp: 407748
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3

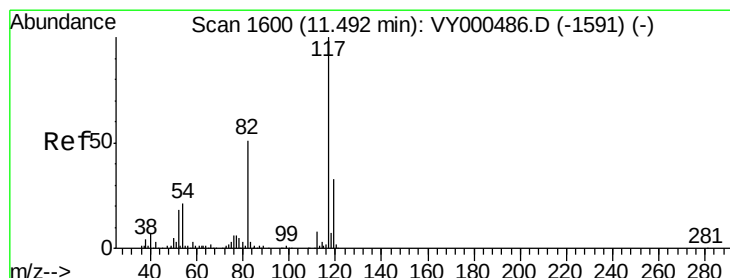
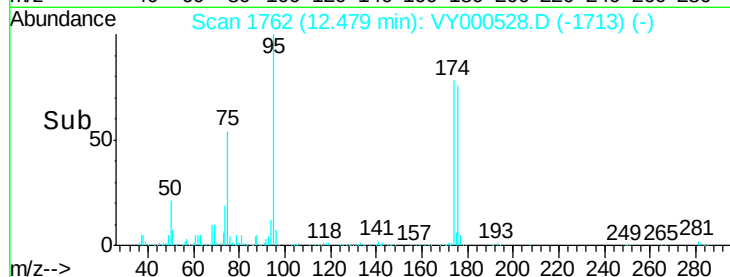
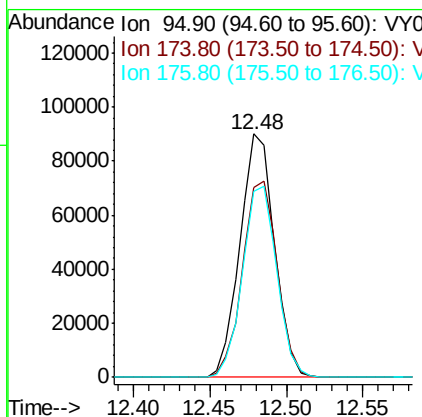
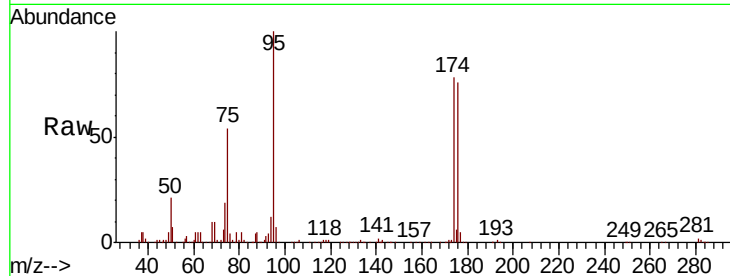




#62
4-Bromofluorobenzene
Concen: 48.409 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000528.D
Acq: 01 Nov 2019 17:00

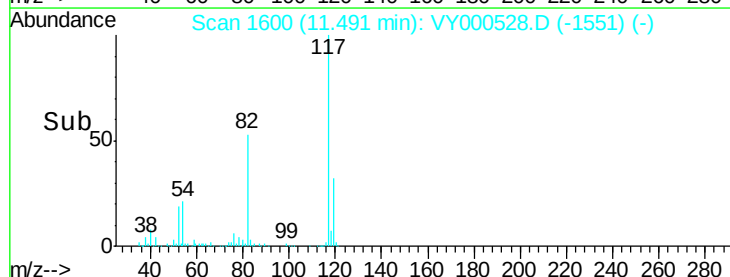
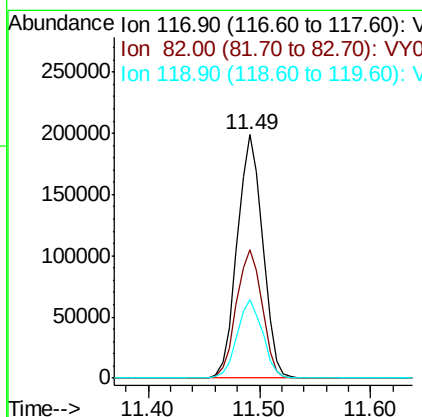
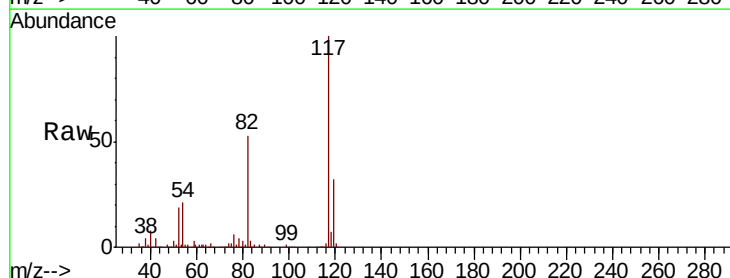
Instrument :
MSVOA_Y
ClientSampleId :

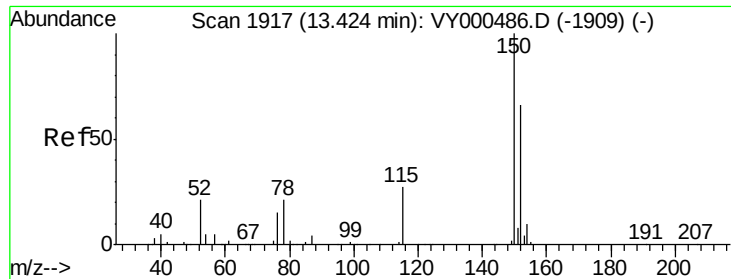
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	161.6
176	78.1	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000528.D
Acq: 01 Nov 2019 17:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	40.8	61.2
119	32.3	26.2	39.2



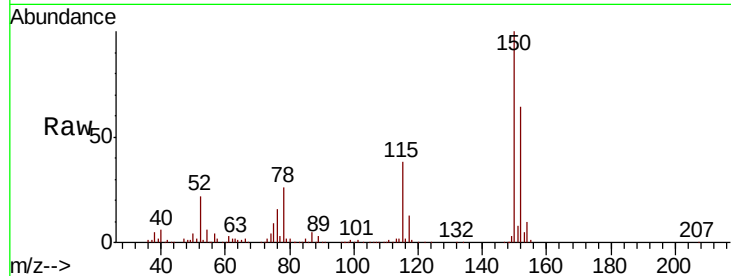


#72

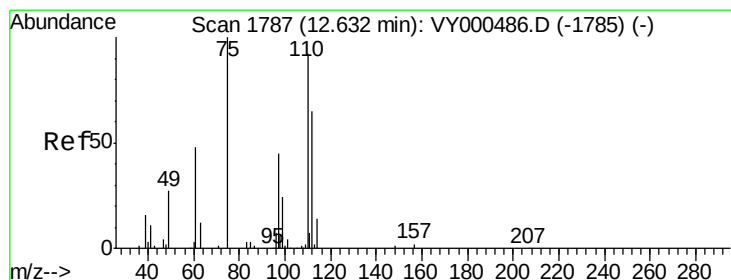
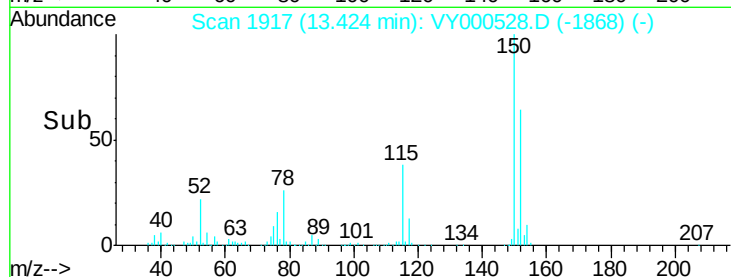
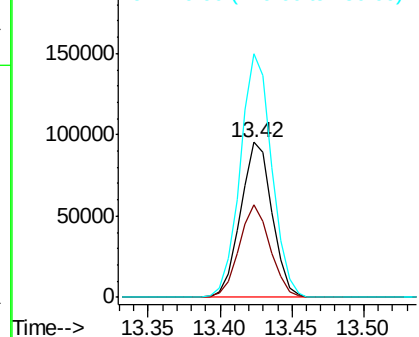
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000528.D
Acq: 01 Nov 2019 17:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.1	87.4
150	156.6	0.0	348.8



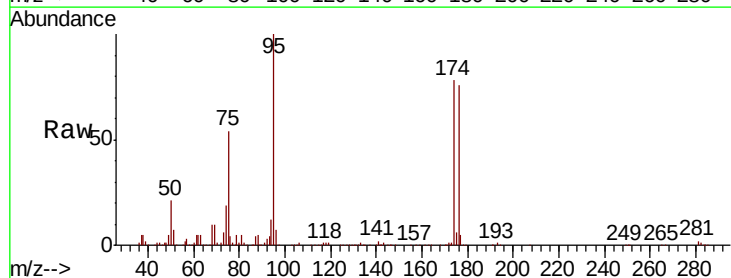
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



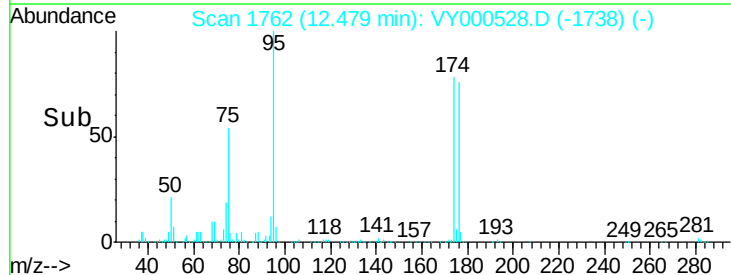
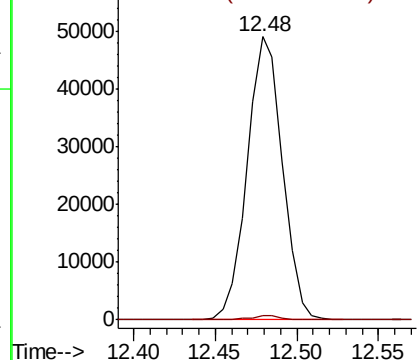
#76

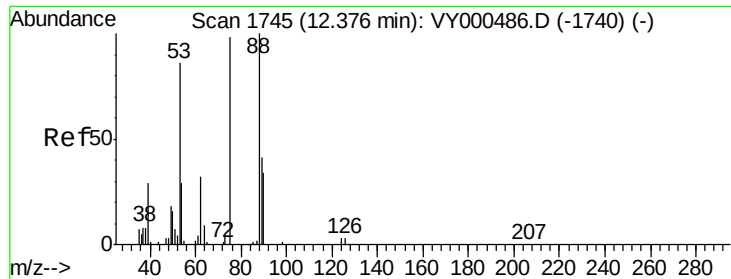
1,2,3-Trichloropropane
Concen: 44.753 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000528.D
Acq: 01 Nov 2019 17:00

Tgt 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: 100.343 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000528.D

Acq: 01 Nov 2019 17:00

Instrument :

MSVOA_Y

ClientSampleId :

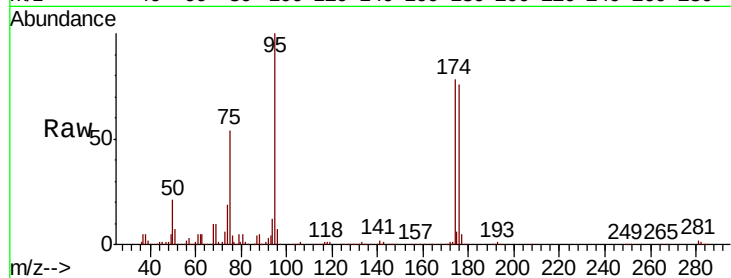
Tot Ion: 75 Resp: 73870

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.3 35.9 53.9#



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

