

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
 Data File : VY001028.D
 Acq On : 23 Dec 2019 15:07
 Operator : SY/MD
 Sample : K6395-03
 Misc : 5.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Dec 24 04:43:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

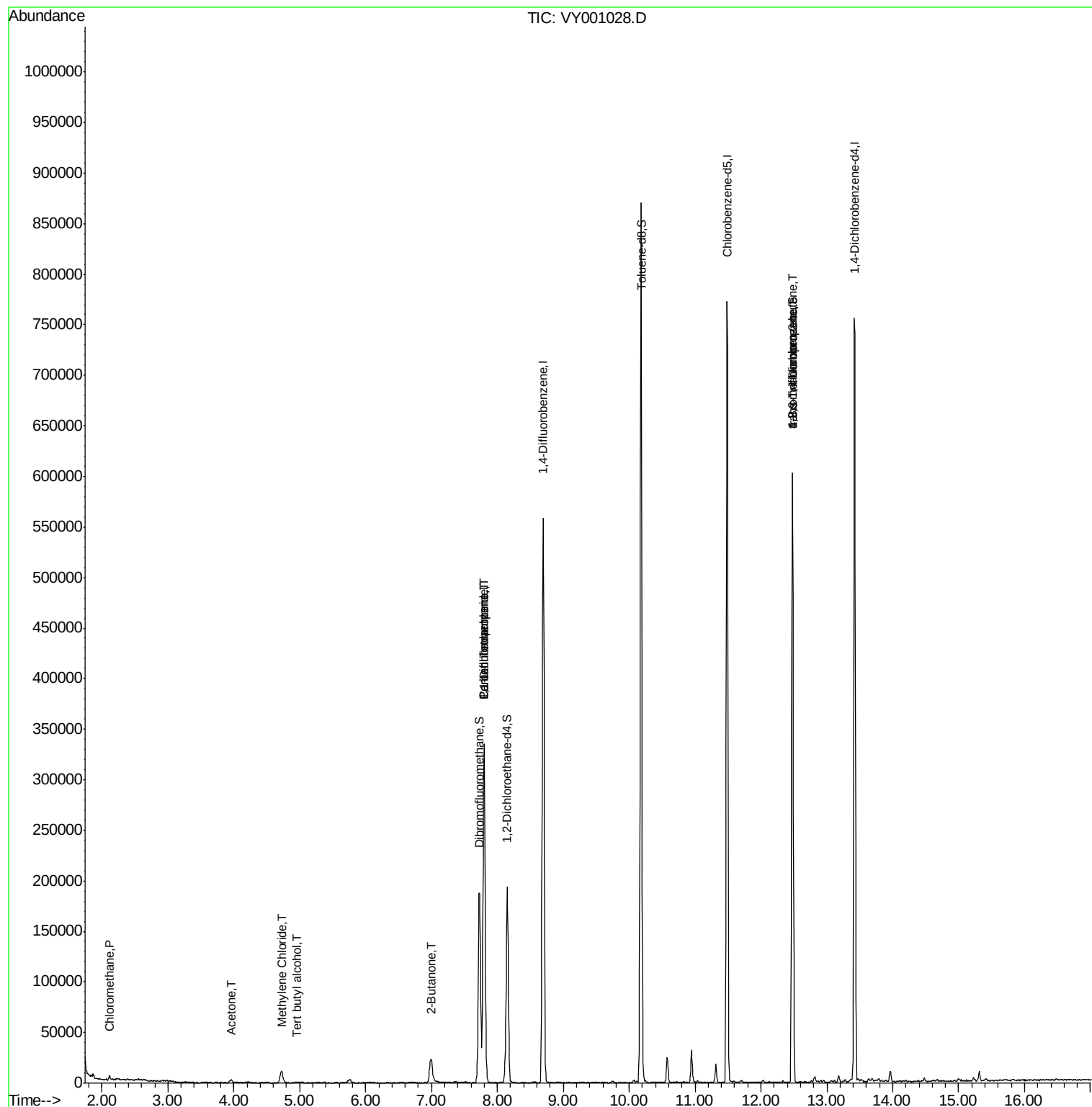
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	262856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	491104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	432682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	190614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	140996	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
35) Dibromofluoromethane	7.72	113	140264	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
50) Toluene-d8	10.18	98	577359	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.48	95	188429	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.11	50	3196	1.025	ug/l	92
11) Tert butyl alcohol	4.96	59	816	2.863	ug/l #	82
16) Acetone	3.96	43	5177	8.668	ug/l #	75
20) Methylene Chloride	4.72	84	8328	2.369	ug/l	84
25) 2-Butanone	6.99	43	2544	2.425	ug/l #	81
36) 1,1-Dichloropropene	7.80	75	20933	4.468	ug/l #	49
38) Carbon Tetrachloride	7.80	117	25333	6.172	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	94318	40.137	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	94318	85.604	ug/l #	19

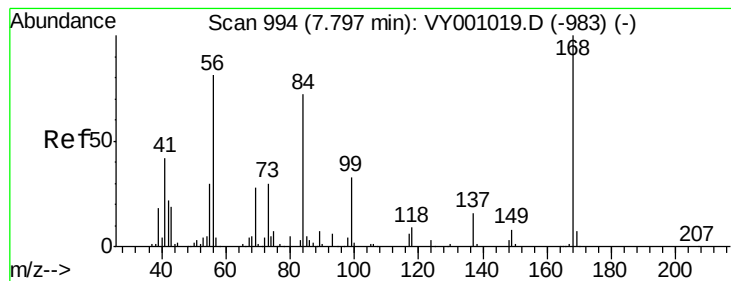
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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Quant Time: Dec 24 04:43:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001028.D

Acq: 23 Dec 2019 15:07

Instrument :

MSVOA_Y

ClientSampled :

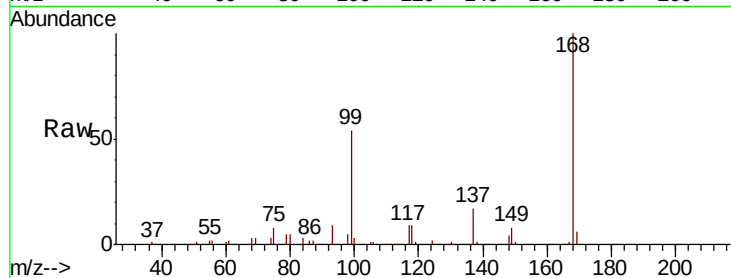
TP-4

Tot Ion:168 Resp: 262856

Ion Ratio Lower Upper

168 100

99 54.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

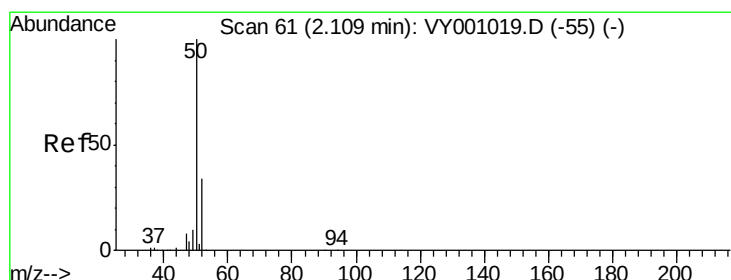
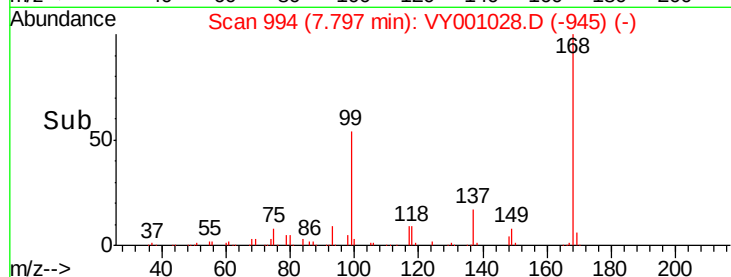
7.80

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.025 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY001028.D

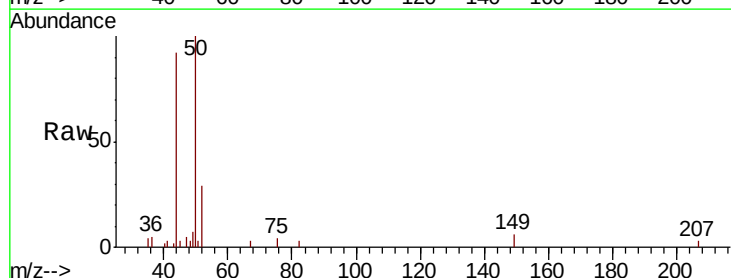
Acq: 23 Dec 2019 15:07

Tgt Ion: 50 Resp: 3196

Ion Ratio Lower Upper

50 100

52 29.4 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VY001019.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY001019.D (-55) (-)

2.11

3000

2500

2000

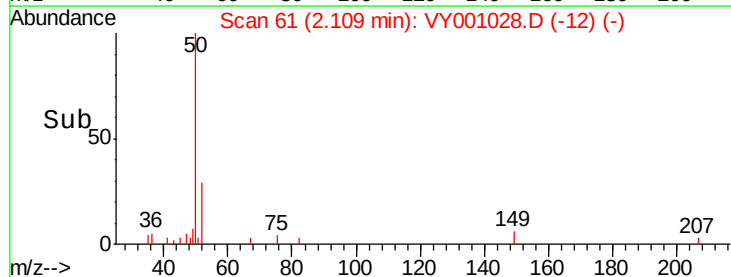
1500

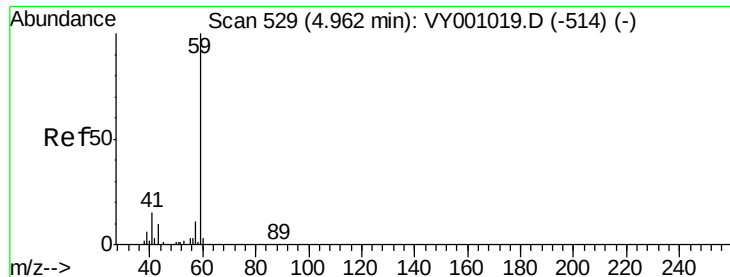
1000

500

0

Time-->



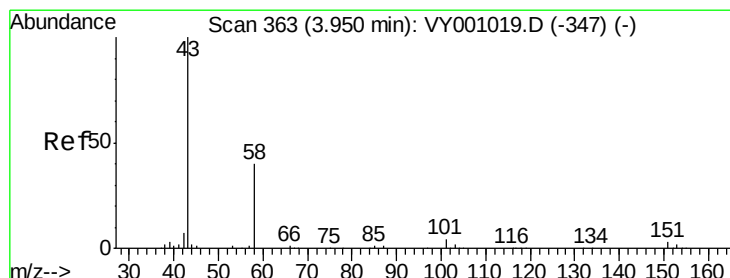
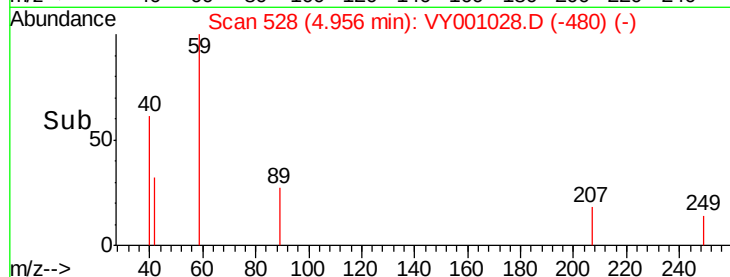
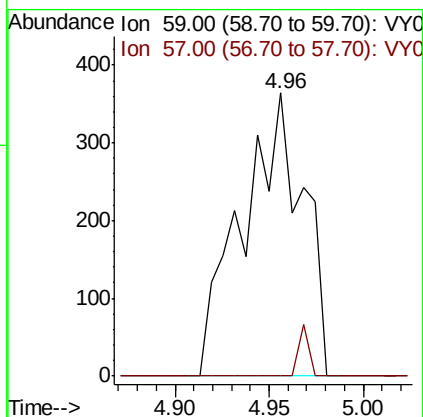
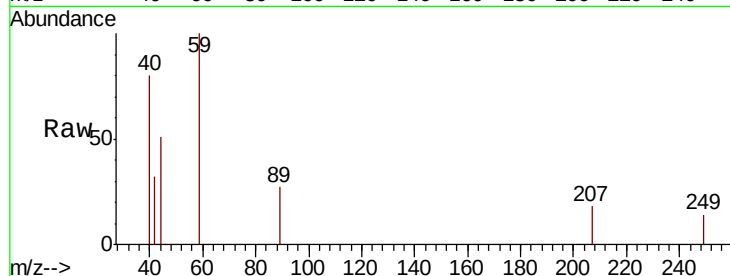


#11

Tert butyl alcohol
 Concen: 2.863 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY001028.D
 Acq: 23 Dec 2019 15:07

Instrument :
 MSVOA_Y
 ClientSampled :
 TP-4

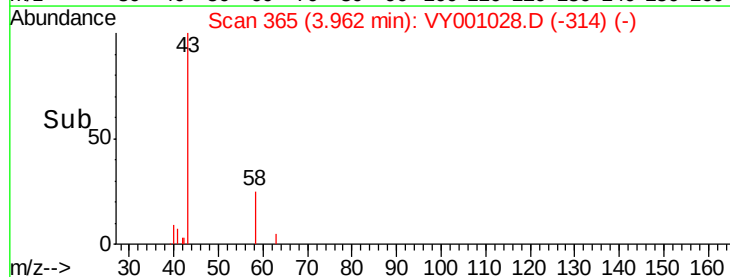
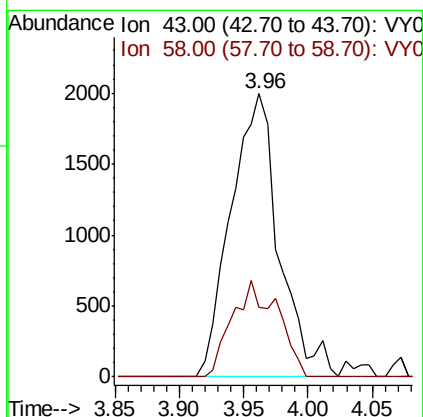
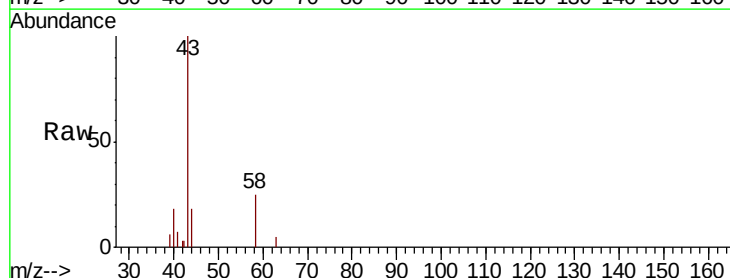
Tot Ion: 59 Resp: 816
 Ion Ratio Lower Upper
 59 100
 57 2.9 7.8 11.6#

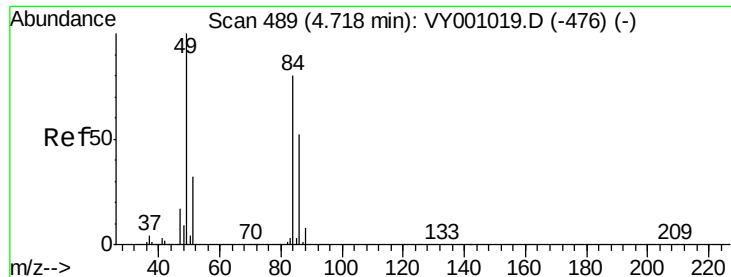


#16

Acetone
 Concen: 8.668 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY001028.D
 Acq: 23 Dec 2019 15:07

Tgt Ion: 43 Resp: 5177
 Ion Ratio Lower Upper
 43 100
 58 24.8 32.1 48.1#

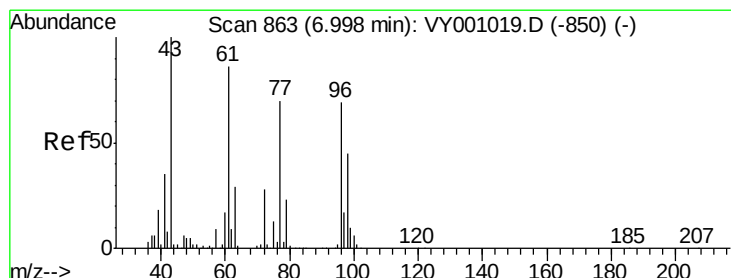
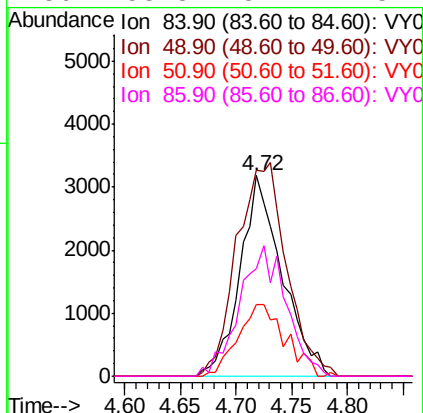
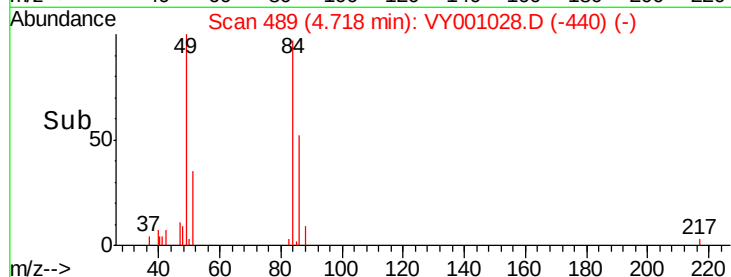
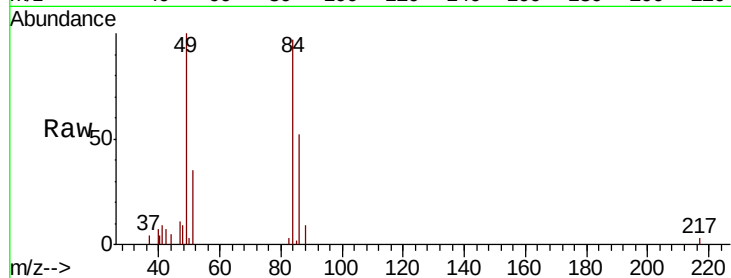




#20
Methylene Chloride
Concen: 2.369 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001028.D
Acq: 23 Dec 2019 15:07

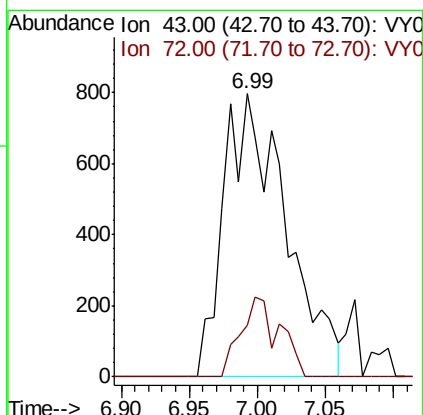
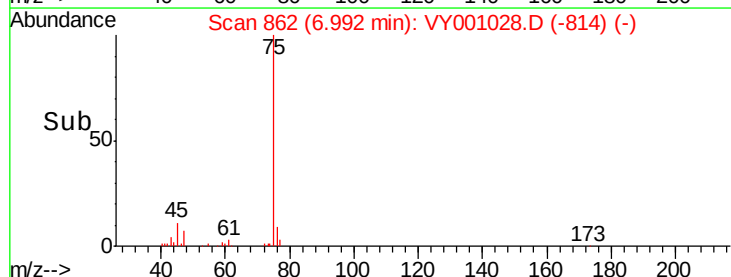
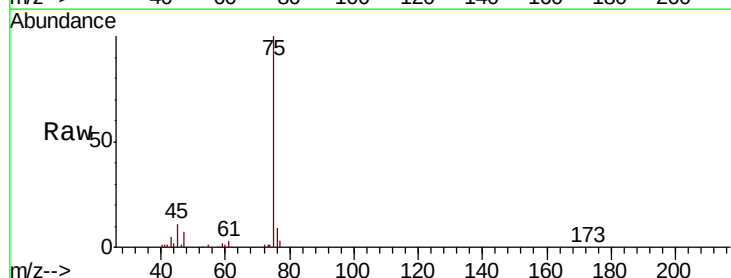
Instrument :
MSVOA_Y
ClientSampled :
TP-4

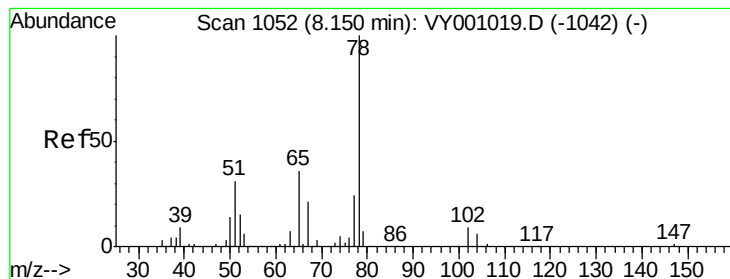
Tot Ion: 84 Resp: 8328
Ion Ratio Lower Upper
84 100
49 102.8 99.8 149.6
51 35.8 31.4 47.2
86 53.8 52.2 78.2



#25
2-Butanone
Concen: 2.425 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001028.D
Acq: 23 Dec 2019 15:07

Tgt Ion: 43 Resp: 2544
Ion Ratio Lower Upper
43 100
72 18.2 22.4 33.6#





#33

1,2-Dichloroethane-d4

Concen: 54.386 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001028.D

Acq: 23 Dec 2019 15:07

Instrument :

MSVOA_Y

ClientSampled :

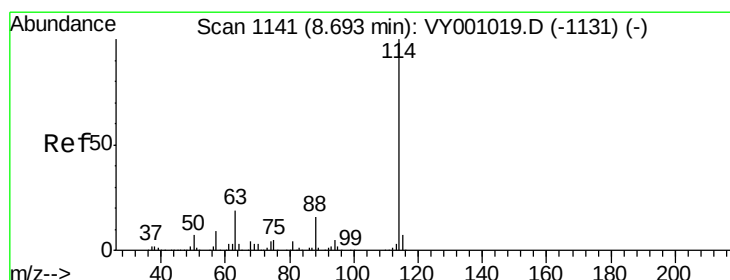
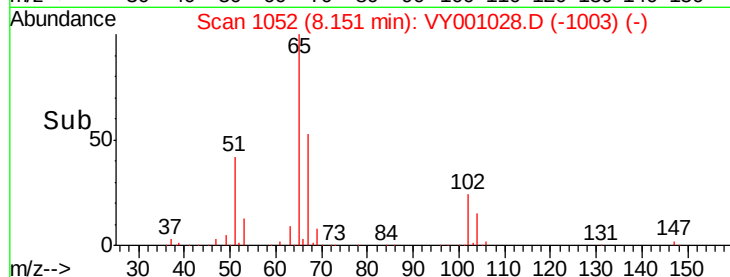
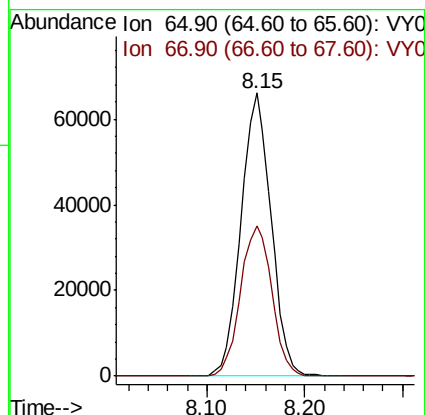
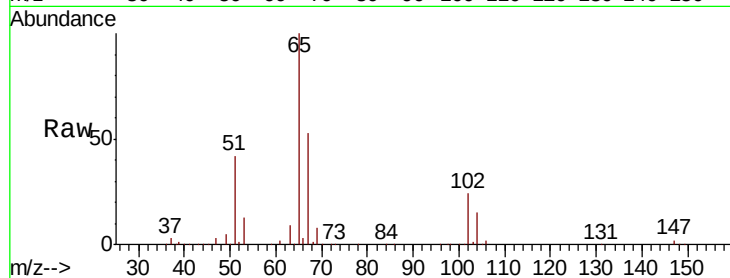
TP-4

Tot Ion: 65 Resp: 140996

Ion Ratio Lower Upper

65 100

67 55.5 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001028.D

Acq: 23 Dec 2019 15:07

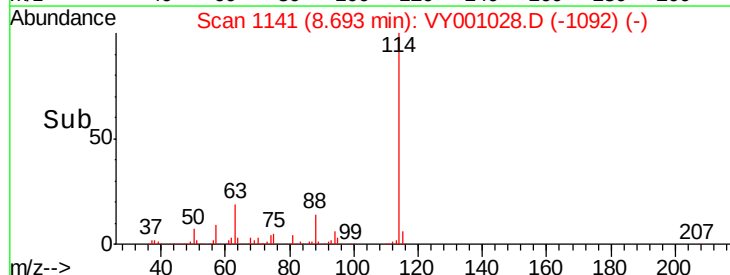
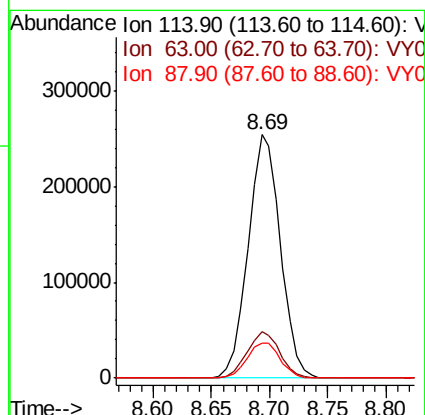
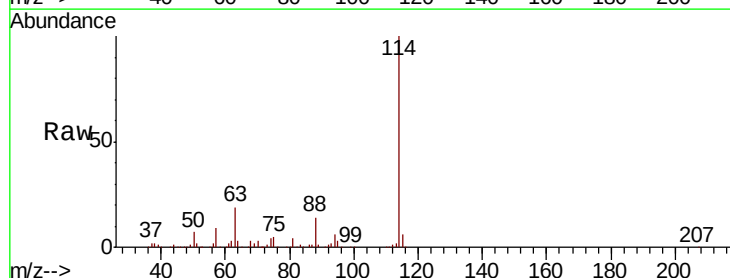
Tgt Ion: 114 Resp: 491104

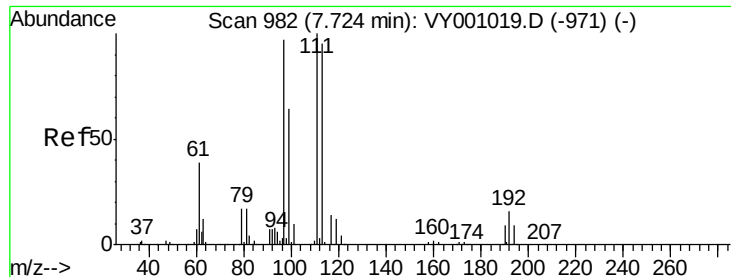
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.0

88 14.2 0.0 32.0

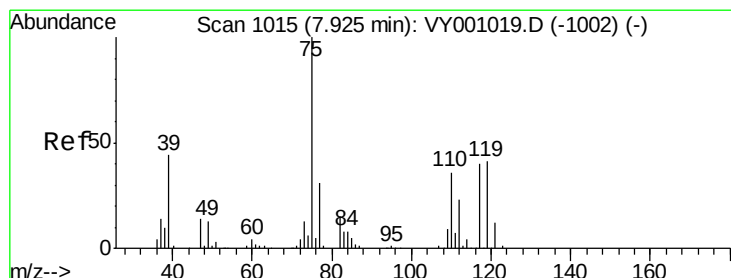
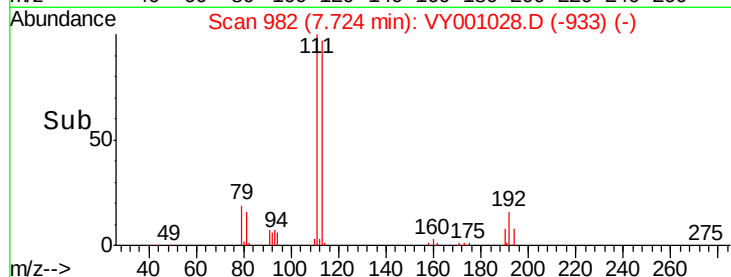
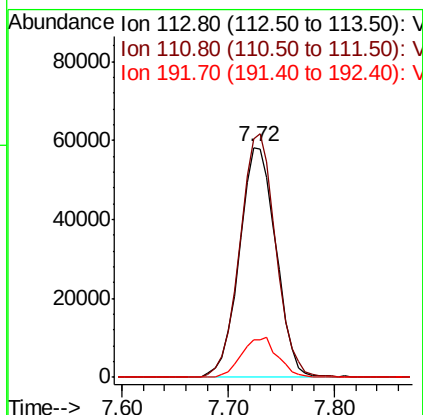
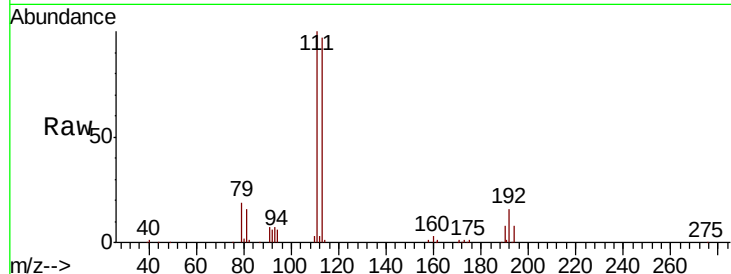




#35
 Dibromofluoromethane
 Concen: 48.502 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY001028.D
 Acq: 23 Dec 2019 15:07

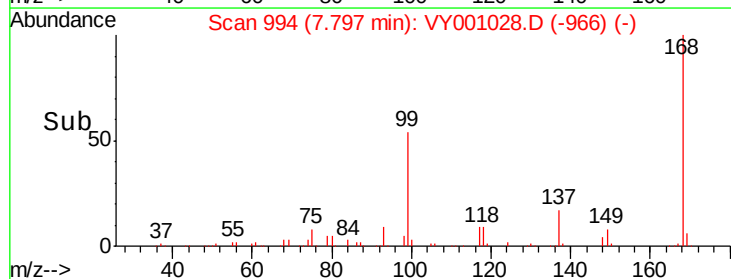
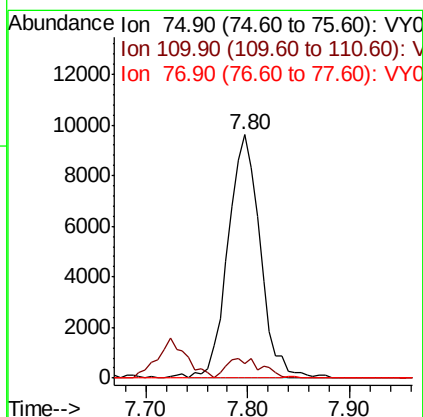
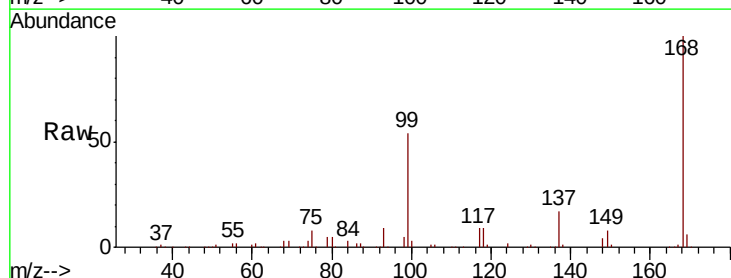
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

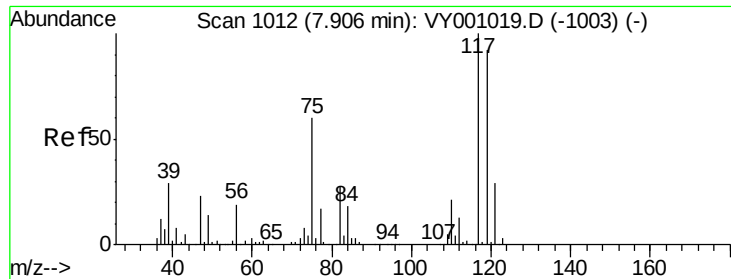
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.0	124.4
192	17.1	14.6	21.8



#36
 1,1-Dichloropropene
 Concen: 4.468 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001028.D
 Acq: 23 Dec 2019 15:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	24.6	37.0#

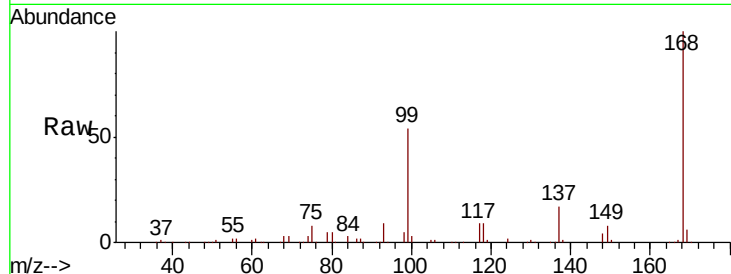




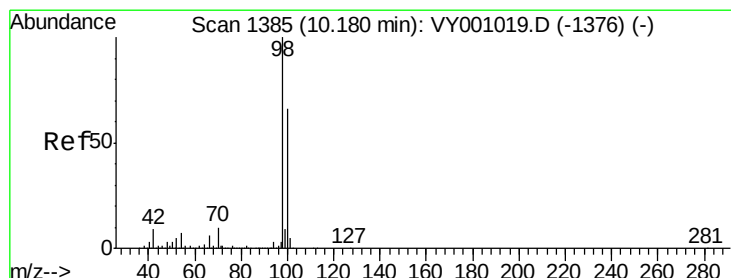
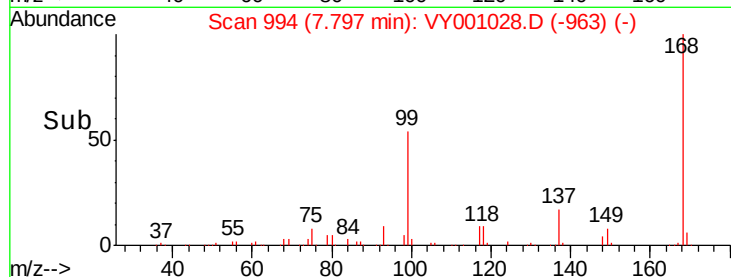
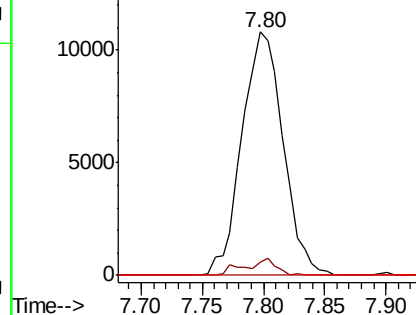
#38
Carbon Tetrachloride
Concen: 6.172 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001028.D
Acq: 23 Dec 2019 15:07

Instrument :
MSVOA_Y
ClientSampled :
TP-4

Tot Ion:117 Resp: 25333
Ion Ratio Lower Upper
117 100
119 5.5 74.2 111.2#
121 0.0 22.9 34.3#

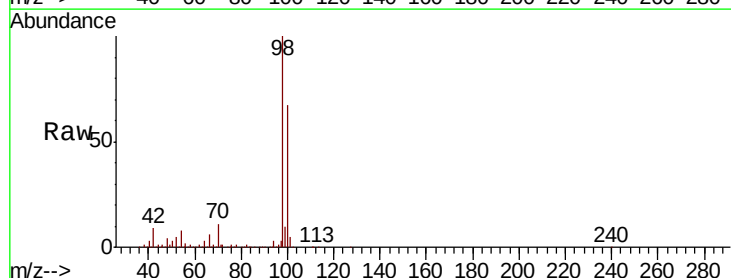


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

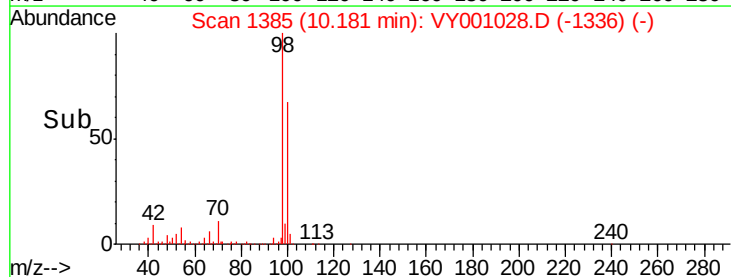
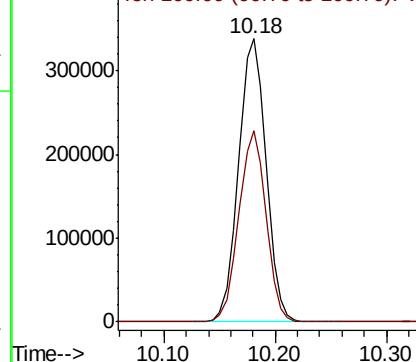


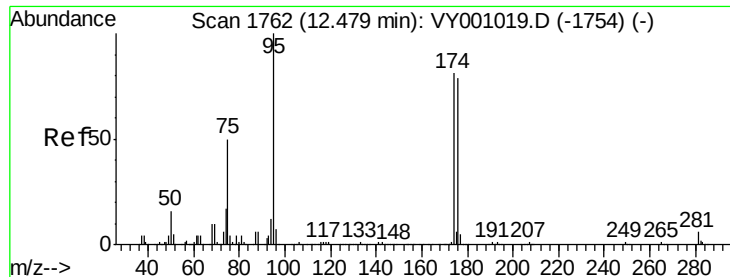
#50
Toluene-d8
Concen: 51.087 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001028.D
Acq: 23 Dec 2019 15:07

Tgt Ion: 98 Resp: 577359
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

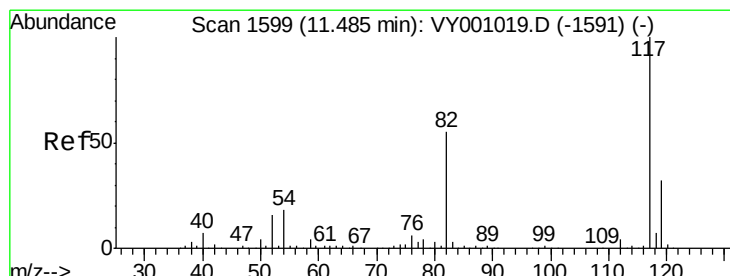
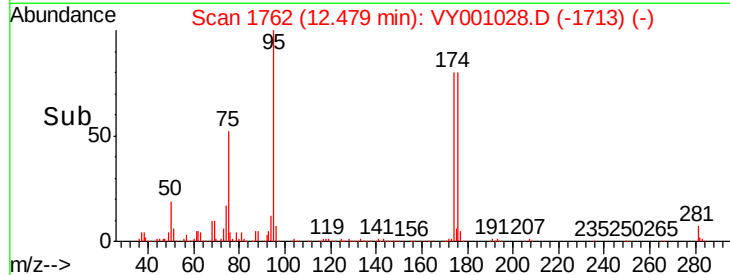
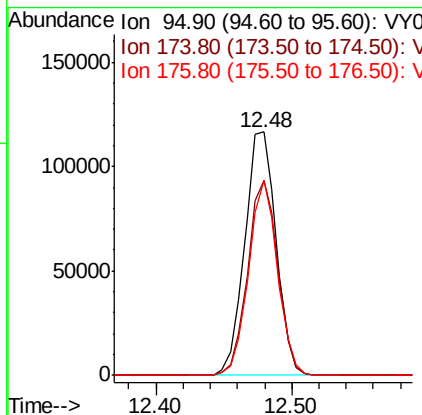
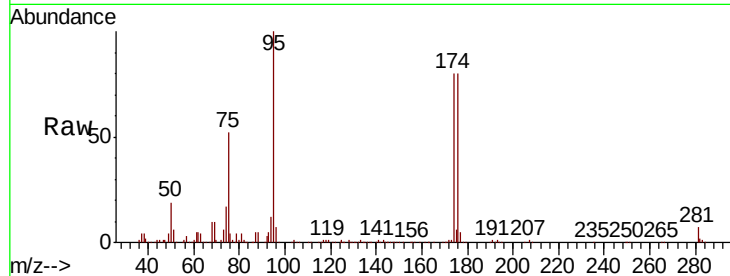




#62
4-Bromofluorobenzene
Concen: 45.602 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001028.D
Acq: 23 Dec 2019 15:07

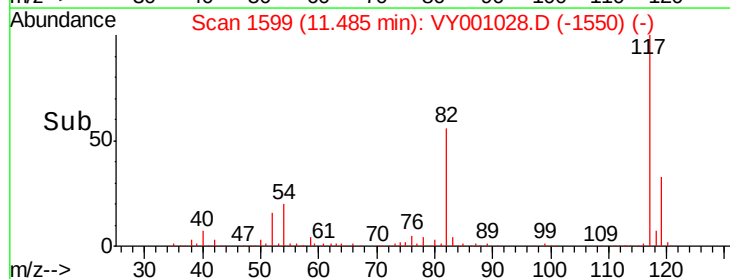
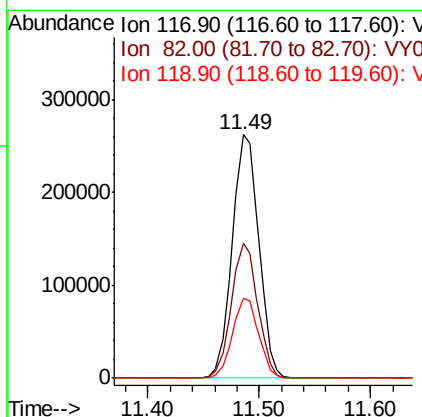
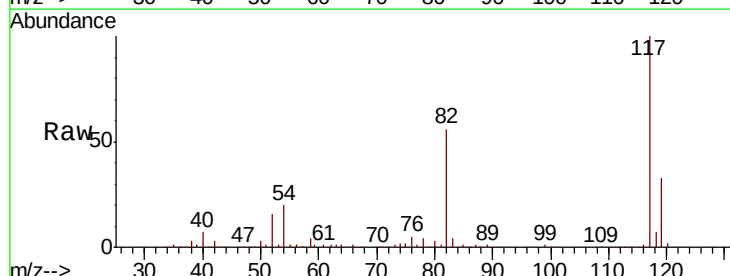
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

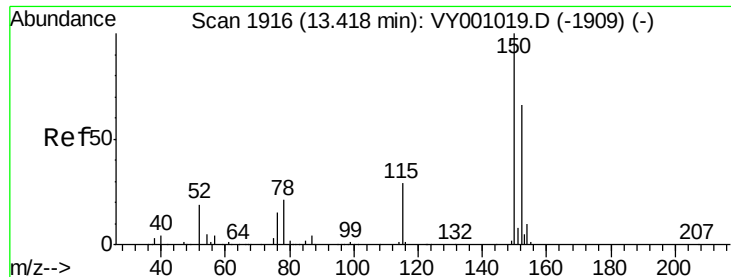
Tot Ion	95	Resp	188429
Ion Ratio	100	Lower	Upper
174	76.9	0.0	156.4
176	73.9	0.0	155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001028.D
Acq: 23 Dec 2019 15:07

Tgt Ion	117	Resp	432682
Ion Ratio	100	Lower	Upper
82	55.6	43.8	65.8
119	32.9	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001028.D

Acq: 23 Dec 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

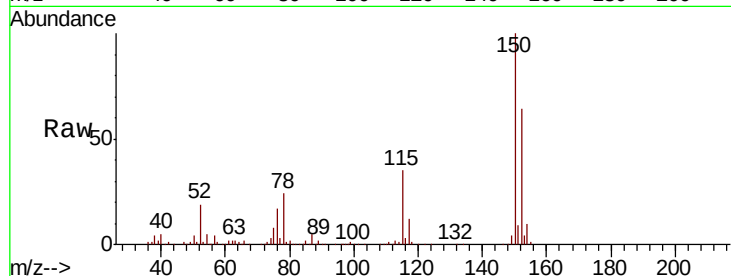
Tot Ion:152 Resp: 190614

Ion Ratio Lower Upper

152 100

115 57.2 29.8 89.3

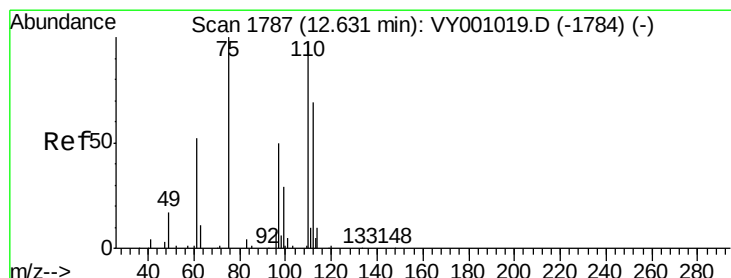
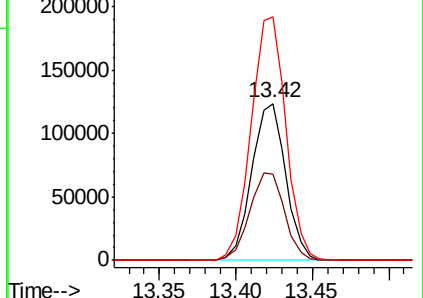
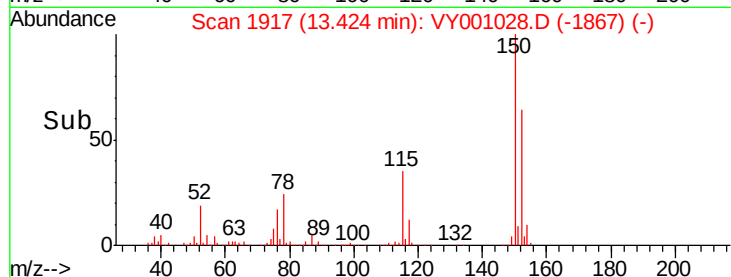
150 158.2 0.0 352.6



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: 40.137 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001028.D

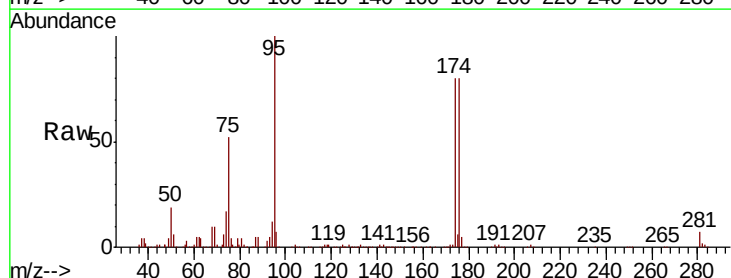
Acq: 23 Dec 2019 15:07

Tgt Ion: 75 Resp: 94318

Ion Ratio Lower Upper

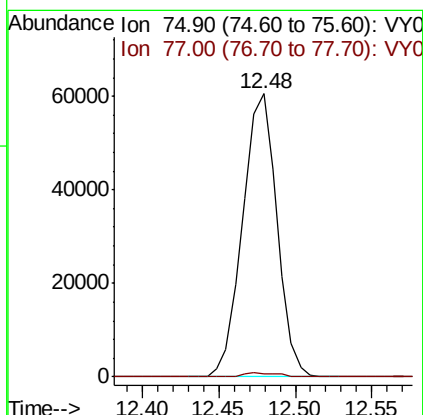
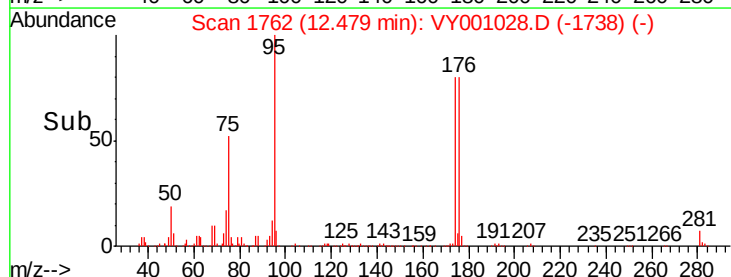
75 100

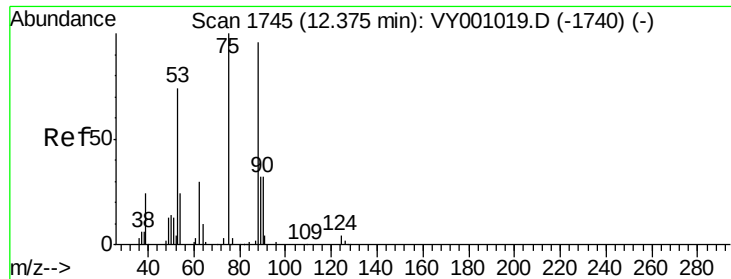
77 1.5 0.0 0.0#



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: 85.604 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001028.D

Acq: 23 Dec 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

Tot Ion: 75 Resp: 94318

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

89 0.1 35.4 53.0#

