

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
 Data File : VY000966.D
 Acq On : 16 Dec 2019 19:31
 Operator : SY/MD
 Sample : K6327-02
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1A

Quant Time: Dec 17 06:09:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	230561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	426803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	376724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	155555	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	134691	54.98	ug/l	0.00
Spiked Amount			Recovery	=	109.96%	
35) Dibromofluoromethane	7.73	113	125592	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	10.18	98	506141	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.48	95	161016	43.11	ug/l	0.00
Spiked Amount			Recovery	=	86.22%	

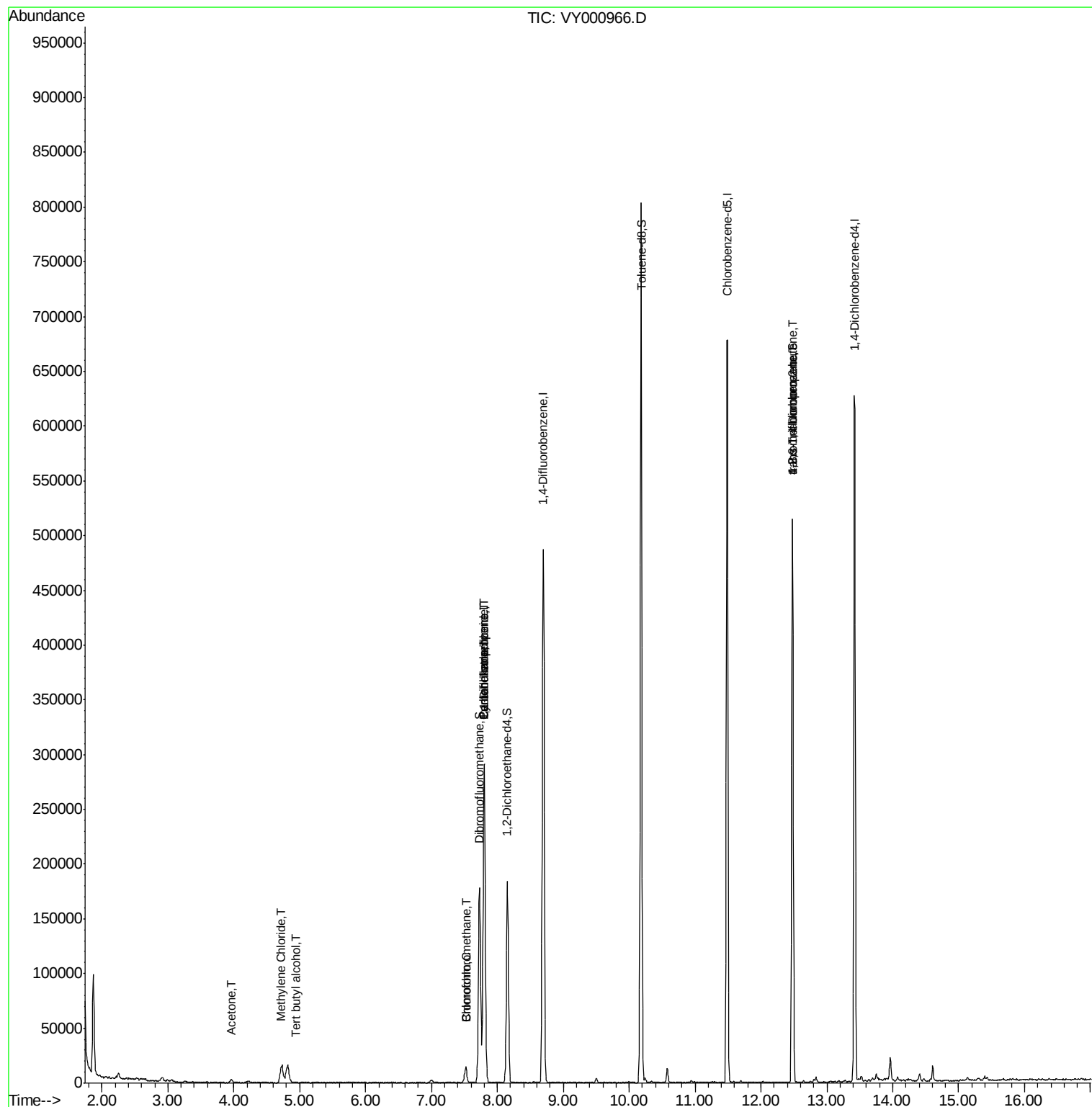
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.64	94	36	Below Cal	#	3
11) Tert butyl alcohol	4.94	59	859	3.485	ug/l #	74
16) Acetone	3.96	43	4630	8.238	ug/l	95
20) Methylene Chloride	4.72	84	11630	3.926	ug/l #	96
28) Bromochloromethane	7.53	49	994	2.545	ug/l #	15
30) Chloroform	7.52	83	13869	2.816	ug/l	87
31) Cyclohexane	7.80	56	5590	1.075	ug/l #	17
36) 1,1-Dichloropropene	7.80	75	18997	4.477	ug/l #	49
38) Carbon Tetrachloride	7.80	117	23458	6.207	ug/l #	14
76) 1,2,3-Trichloropropane	12.47	75	80037	45.413	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	80037	89.204	ug/l #	17

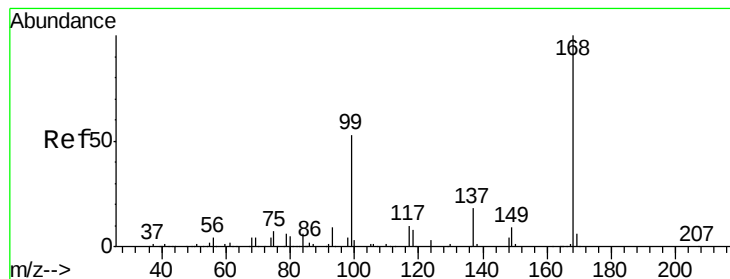
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
Data File : VY000966.D
Acq On : 16 Dec 2019 19:31
Operator : SY/MD
Sample : K6327-02
Misc : 5.06G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-1A

Quant Time: Dec 17 06:09:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
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: VY000966.D

Acq: 16 Dec 2019 19:31

Instrument :

MSVOA_Y

ClientSampleId :

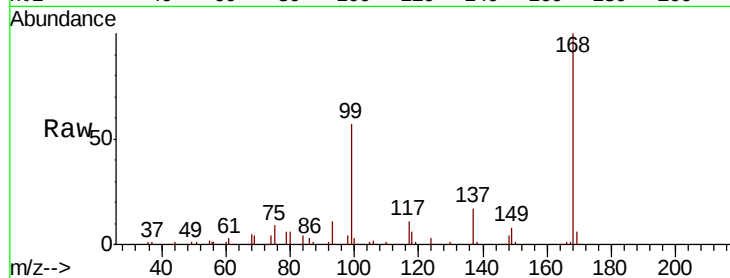
C-1A

Tgt Ion: 168 Resp: 230561

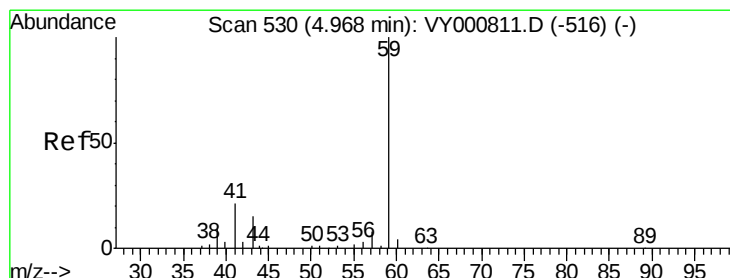
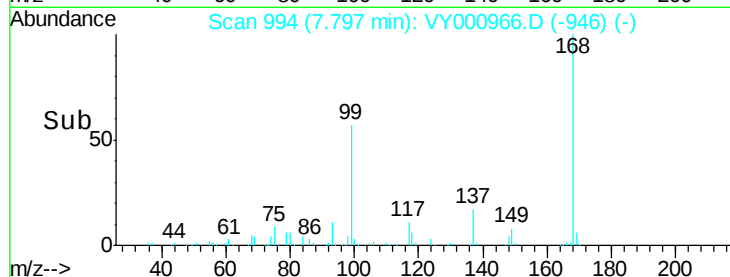
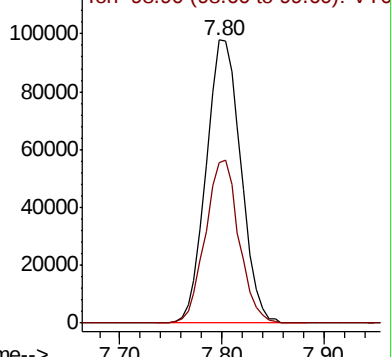
Ion Ratio Lower Upper

168 100

99 56.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000966.D (-946) (-)



#11

Tert butyl alcohol

Concen: 3.485 ug/l

RT: 4.94 min Scan# 525

Delta R.T. -0.03 min

Lab File: VY000966.D

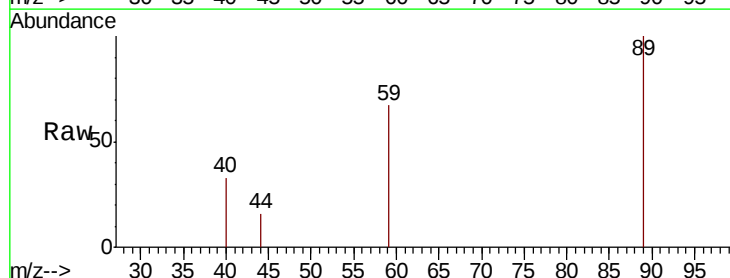
Acq: 16 Dec 2019 19:31

Tgt Ion: 59 Resp: 859

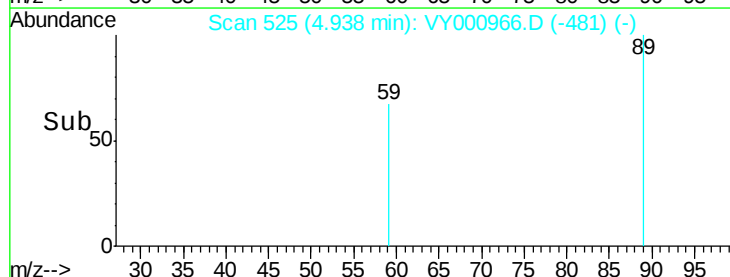
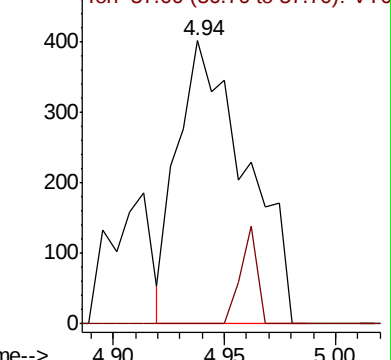
Ion Ratio Lower Upper

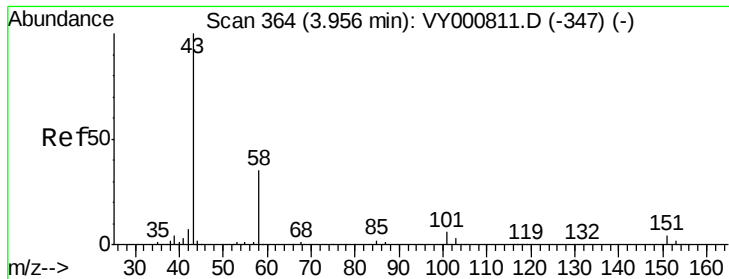
59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY000966.D (-481) (-)





#16

Acetone

Concen: 8.238 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000966.D

Acq: 16 Dec 2019 19:31

Instrument :

MSVOA_Y

ClientSampleId :

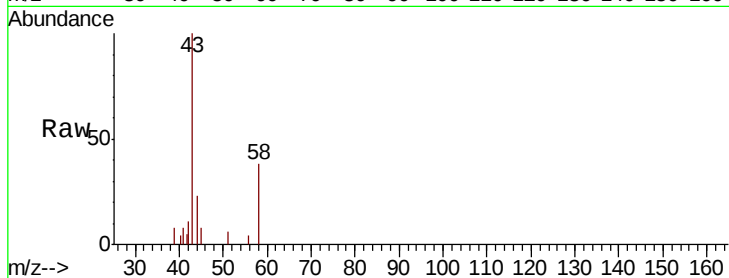
C-1A

Tgt Ion: 43 Resp: 4630

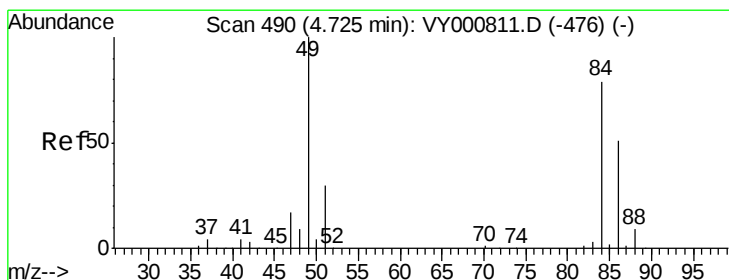
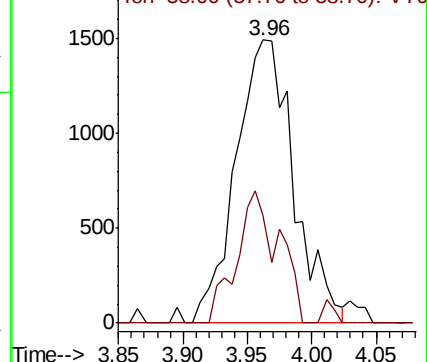
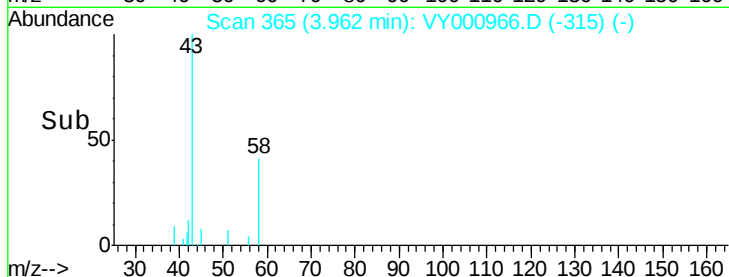
Ion Ratio Lower Upper

43 100

58 38.2 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000966.D (-315) (-)



#20

Methylene Chloride

Concen: 3.926 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000966.D

Acq: 16 Dec 2019 19:31

Tgt Ion: 84 Resp: 11630

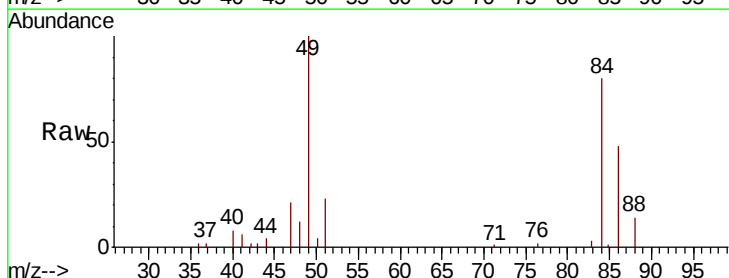
Ion Ratio Lower Upper

84 100

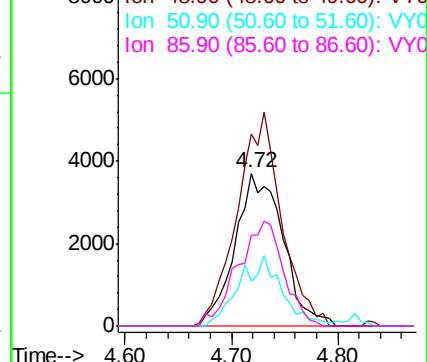
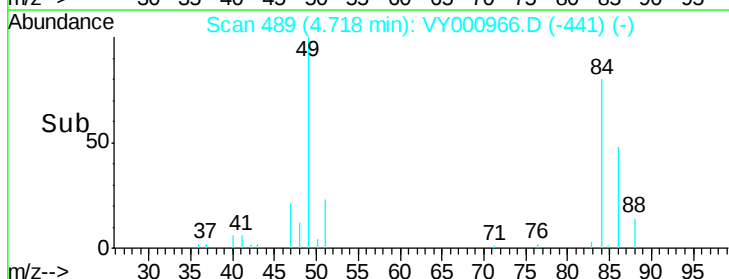
49 125.7 101.3 151.9

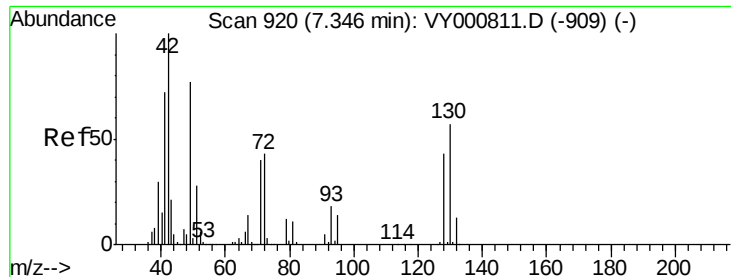
51 29.3 30.6 45.8#

86 59.9 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VY000966.D (-441) (-)





#28

Bromochloromethane

Concen: 2.545 ug/l

RT: 7.53 min Scan# 950

Delta R.T. 0.18 min

Lab File: VY000966.D

Acq: 16 Dec 2019 19:31

Instrument :
MSVOA_Y
ClientSampled :
C-1A

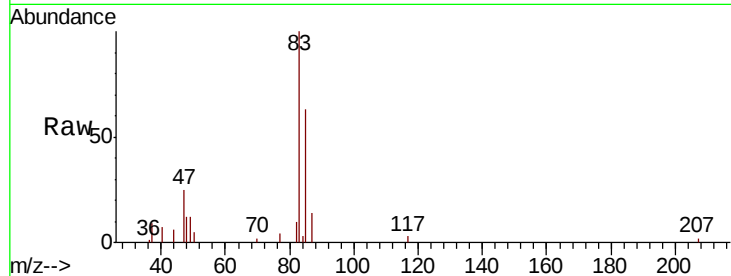
Tgt Ion: 49 Resp: 994

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 58.7 88.1#

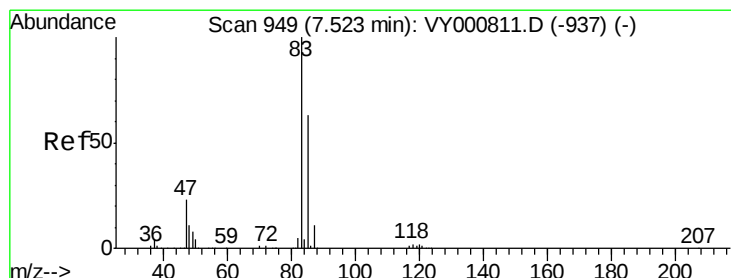
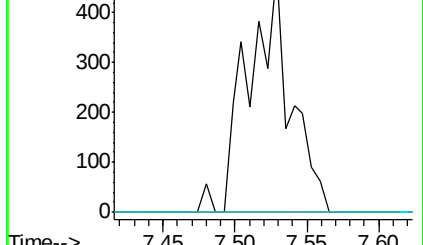
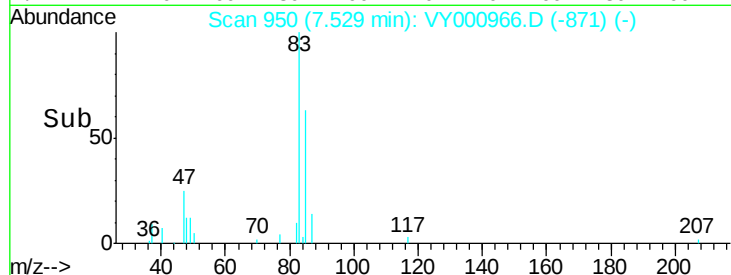


Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): VY0

Ion 129.80 (129.50 to 130.50): VY0

Time-->



#30

Chloroform

Concen: 2.816 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY000966.D

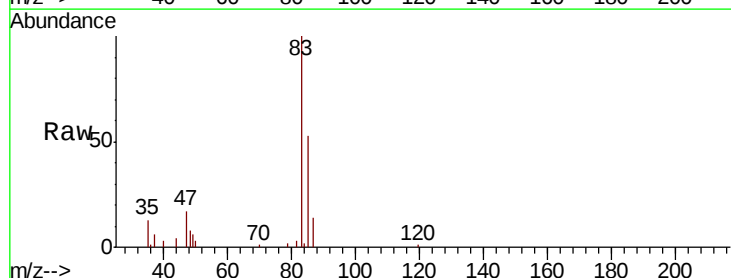
Acq: 16 Dec 2019 19:31

Tgt Ion: 83 Resp: 13869

Ion Ratio Lower Upper

83 100

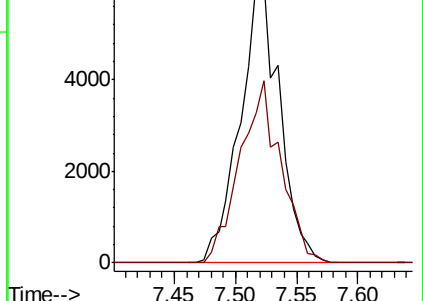
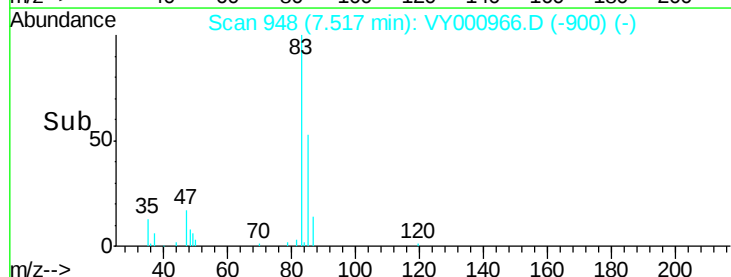
85 53.3 50.4 75.6

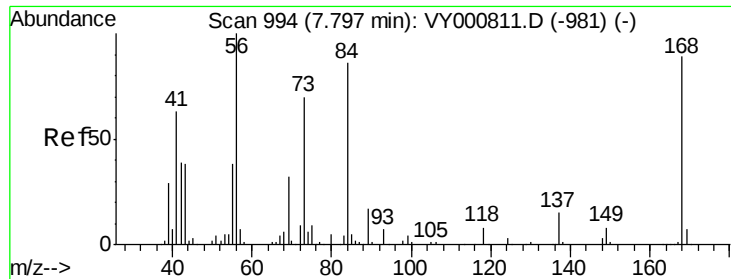


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Time-->

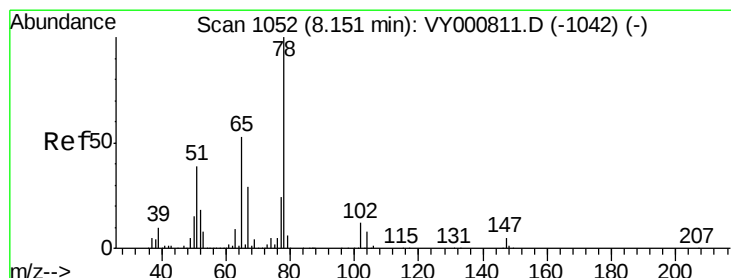
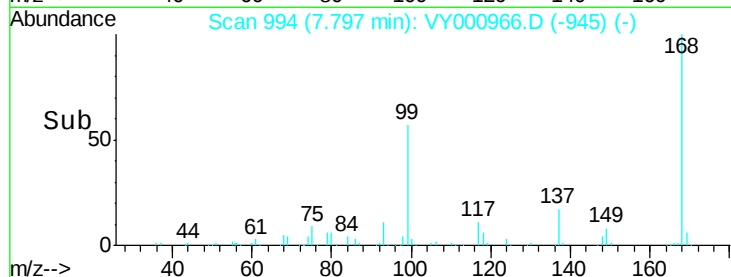
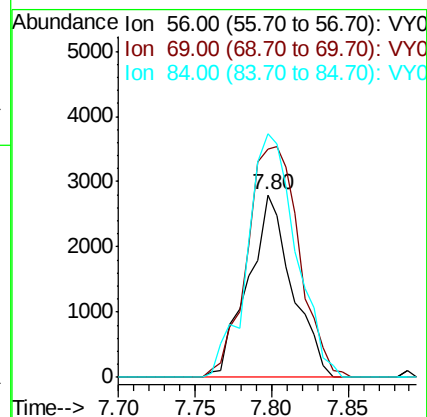
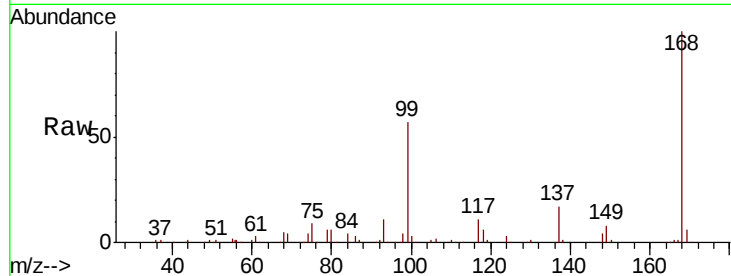




#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000966.D
Acq: 16 Dec 2019 19:31

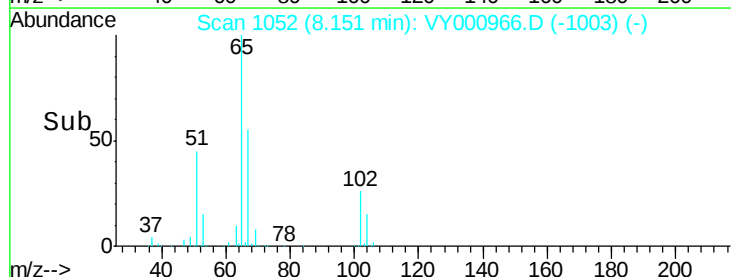
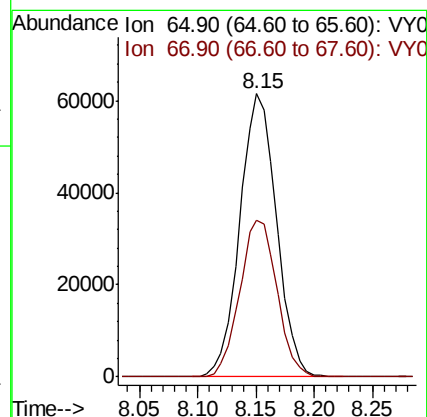
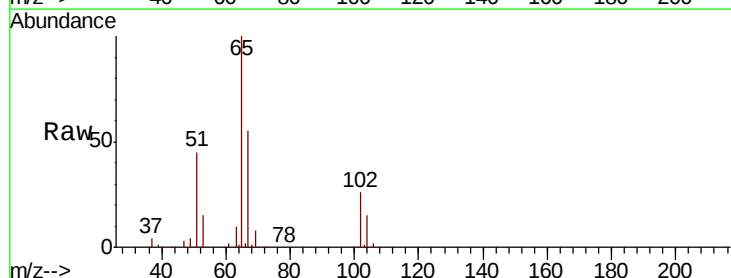
Instrument :
MSVOA_Y
ClientSampleId :
C-1A

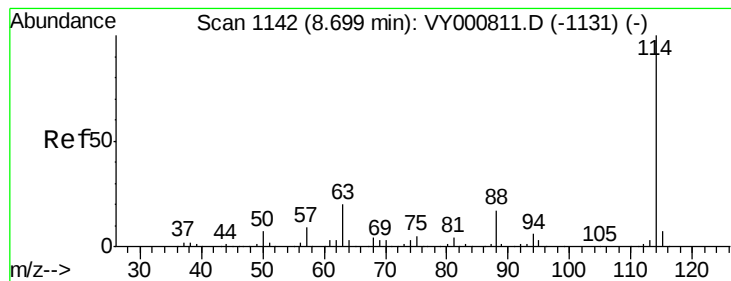
Tgt Ion: 56 Resp: 5590
Ion Ratio Lower Upper
56 100
69 124.9 25.9 38.9#
84 133.6 68.6 102.8#



#33
1,2-Dichloroethane-d4
Concen: 54.978 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000966.D
Acq: 16 Dec 2019 19:31

Tgt Ion: 65 Resp: 134691
Ion Ratio Lower Upper
65 100
67 56.2 0.0 112.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000966.D

Acq: 16 Dec 2019 19:31

Instrument :

MSVOA_Y

ClientSampleId :

C-1A

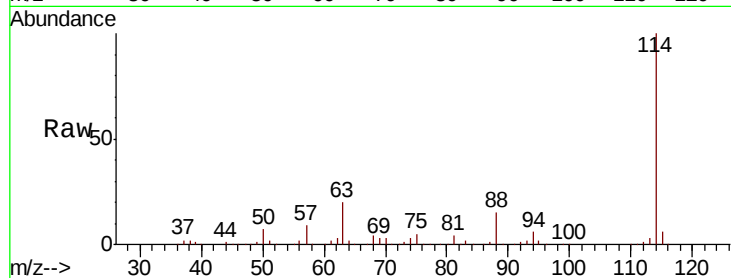
Tgt Ion:114 Resp: 426803

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

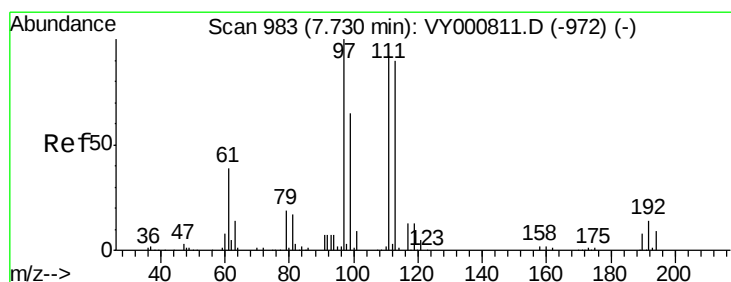
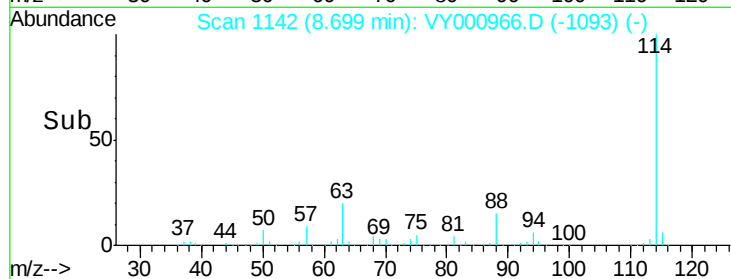
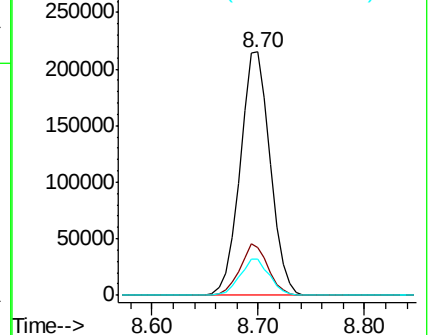
88 15.0 0.0 33.2



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: 50.491 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000966.D

Acq: 16 Dec 2019 19:31

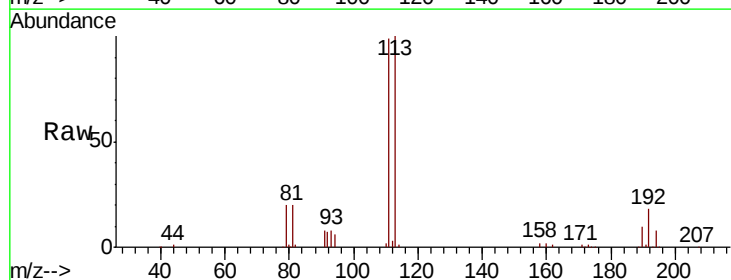
Tgt Ion:113 Resp: 125592

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

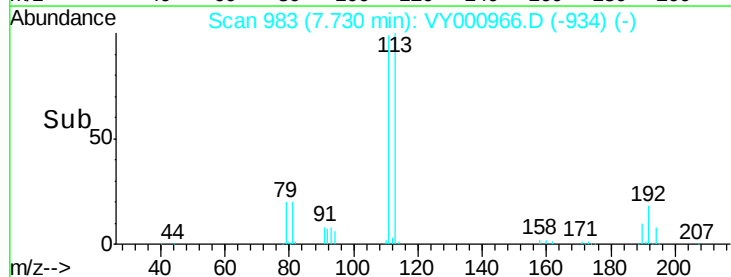
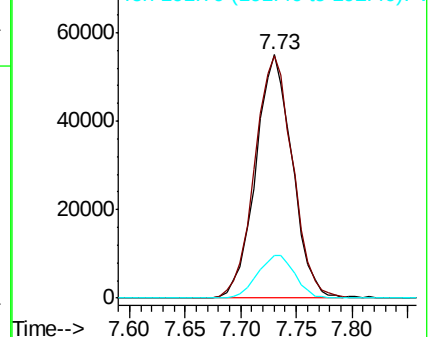
192 17.9 14.2 21.2

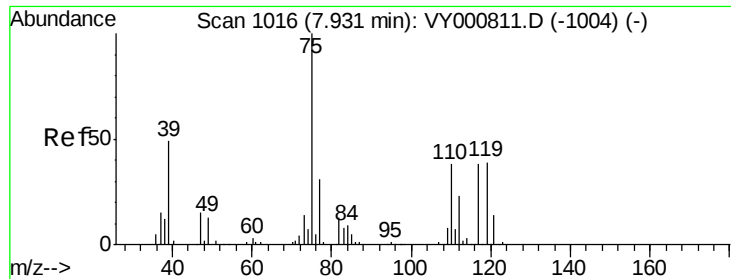


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

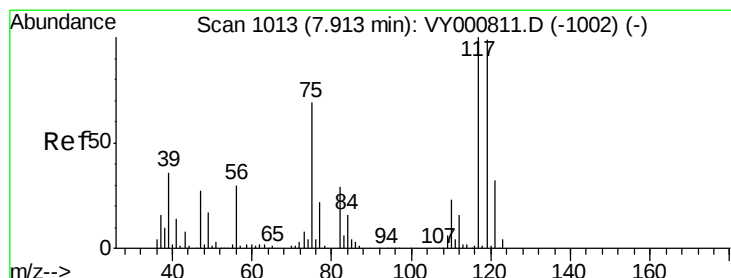
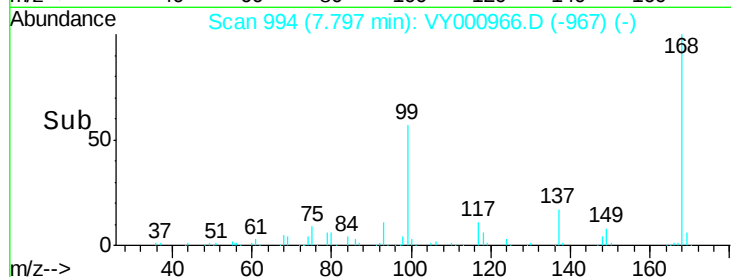
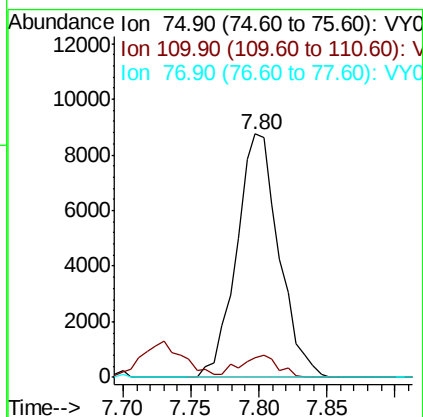
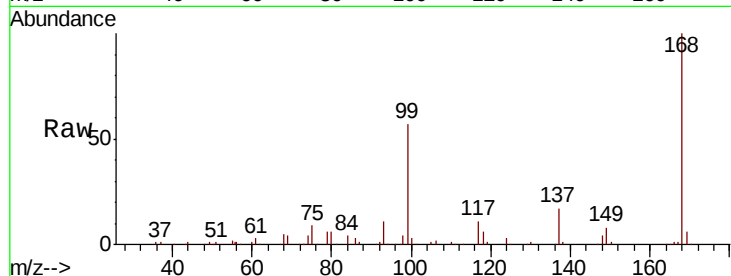




#36
 1,1-Dichloropropene
 Concen: 4.477 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000966.D
 Acq: 16 Dec 2019 19:31

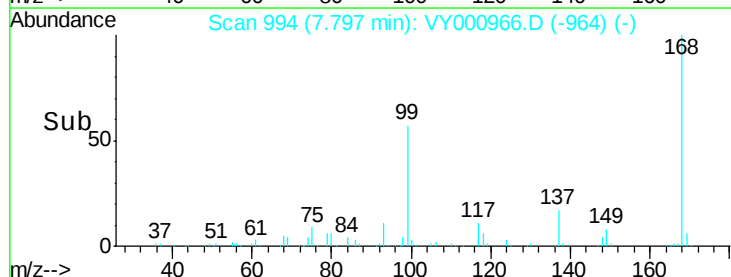
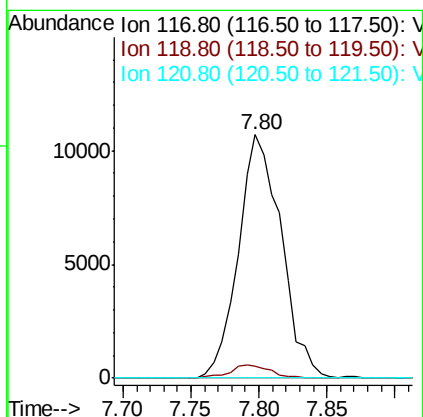
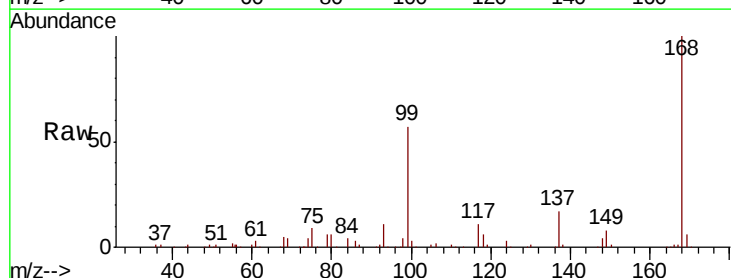
Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1A

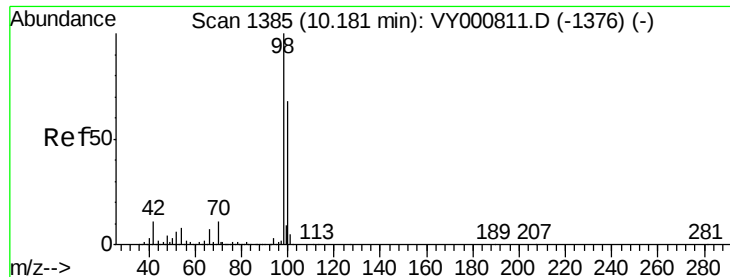
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.9	53.7#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.207 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000966.D
 Acq: 16 Dec 2019 19:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	79.3	118.9#
121	0.0	25.5	38.3#





#50

Toluene-d8

Concen: 50.896 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000966.D

Acq: 16 Dec 2019 19:31

Instrument :

MSVOA_Y

ClientSampleId :

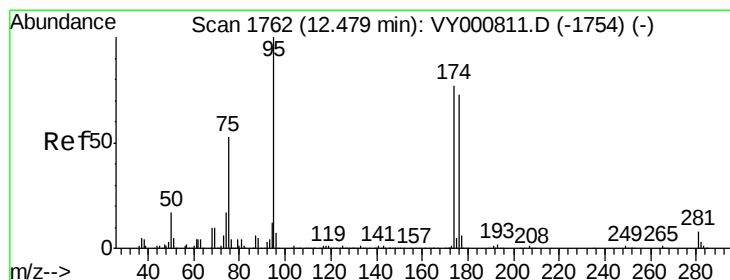
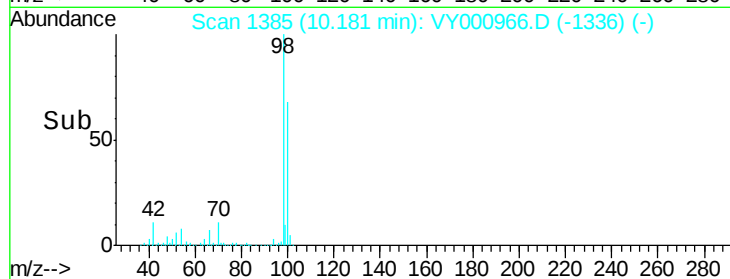
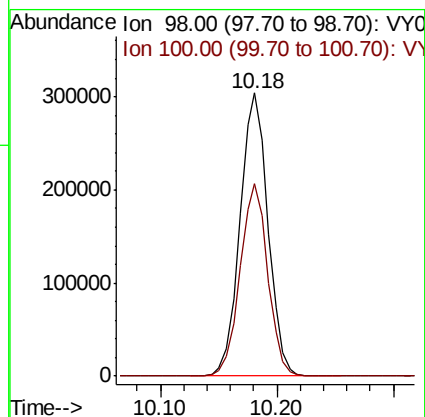
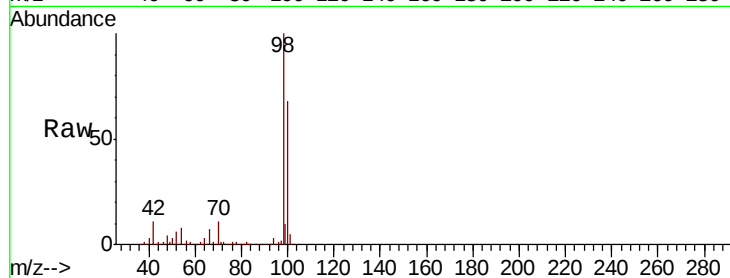
C-1A

Tgt Ion: 98 Resp: 506141

Ion Ratio Lower Upper

98 100

100 67.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 43.114 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000966.D

Acq: 16 Dec 2019 19:31

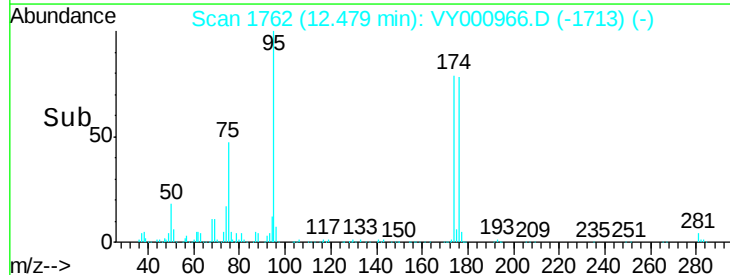
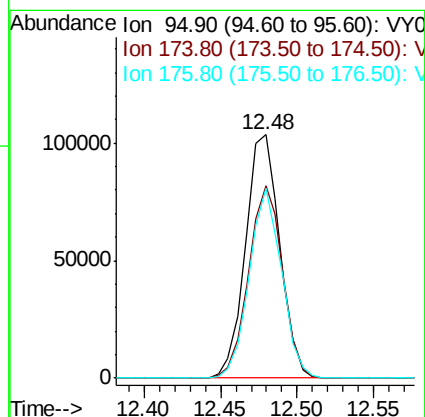
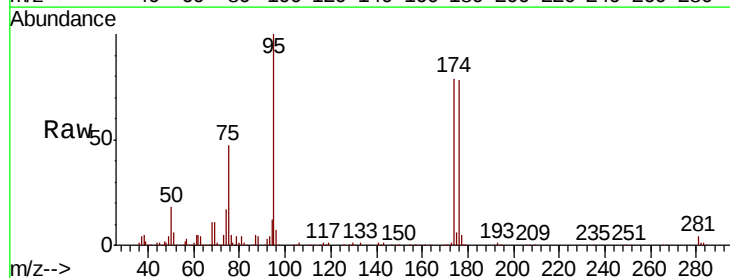
Tgt Ion: 95 Resp: 161016

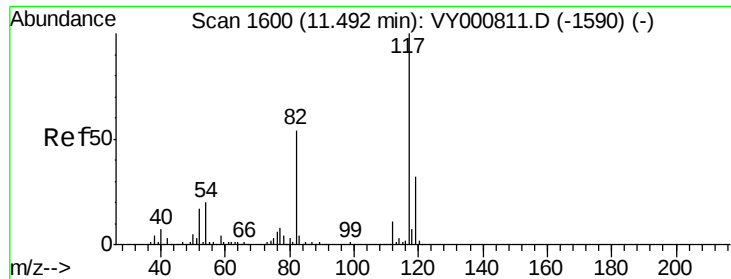
Ion Ratio Lower Upper

95 100

174 78.1 0.0 150.6

176 74.0 0.0 145.2

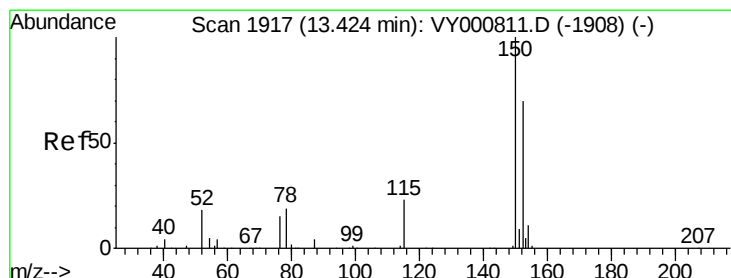
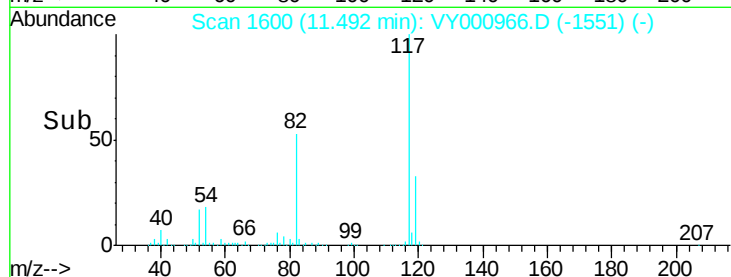
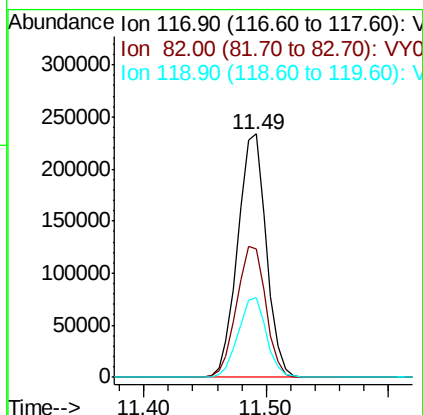
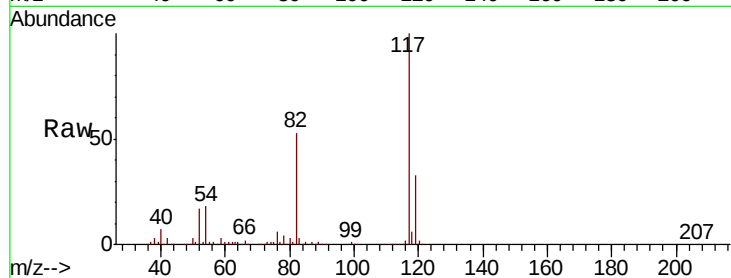




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000966.D
Acq: 16 Dec 2019 19:31

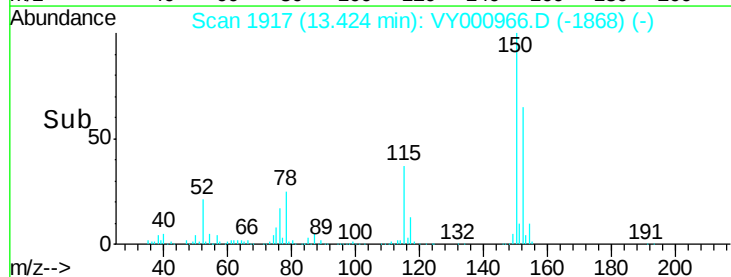
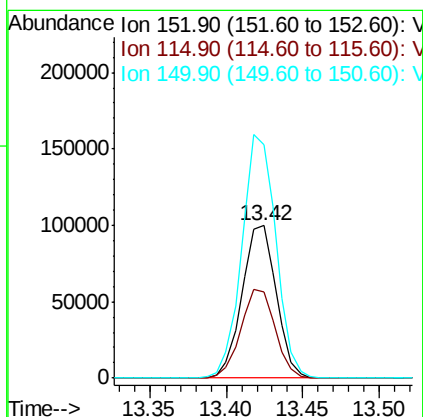
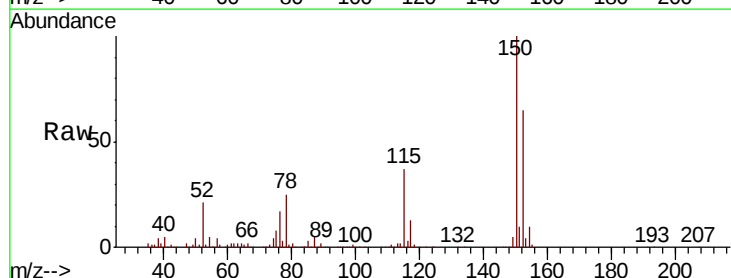
Instrument :
MSVOA_Y
ClientSampleId :
C-1A

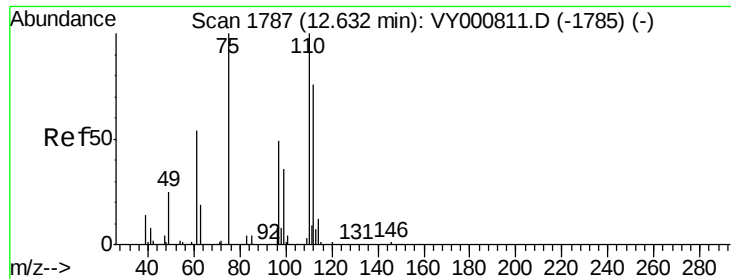
Tgt Ion:117 Resp: 376724
Ion Ratio Lower Upper
117 100
82 52.6 43.1 64.7
119 32.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000966.D
Acq: 16 Dec 2019 19:31

Tgt Ion:152 Resp: 155555
Ion Ratio Lower Upper
152 100
115 58.4 29.3 87.8
150 158.2 0.0 351.2





#76

1,2,3-Trichloropropane

Concen: 45.413 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.16 min

Lab File: VY000966.D

Acq: 16 Dec 2019 19:31

Instrument :

MSVOA_Y

ClientSampleId :

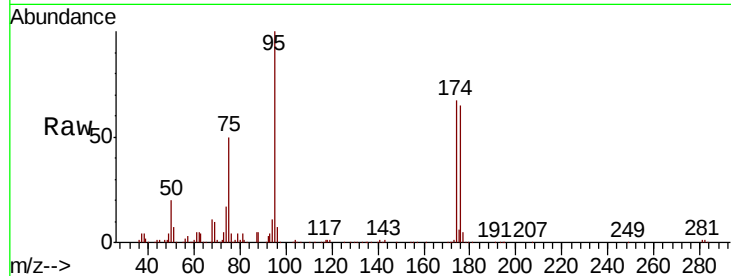
C-1A

Tgt Ion: 75 Resp: 80037

Ion Ratio Lower Upper

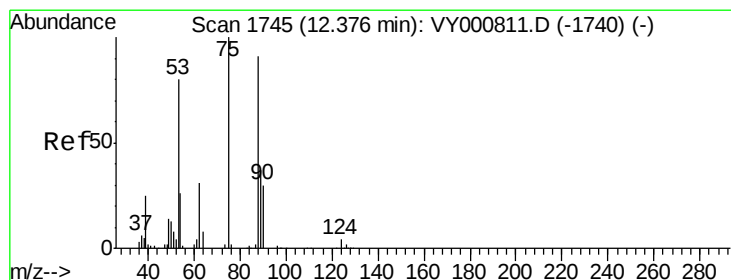
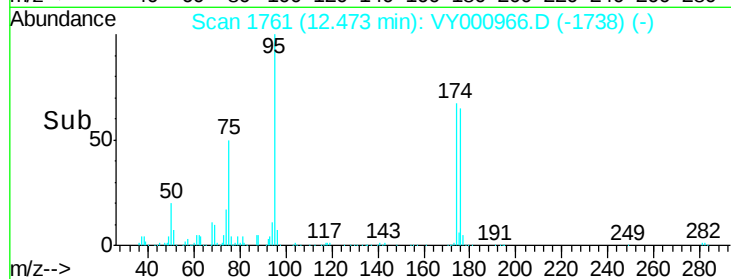
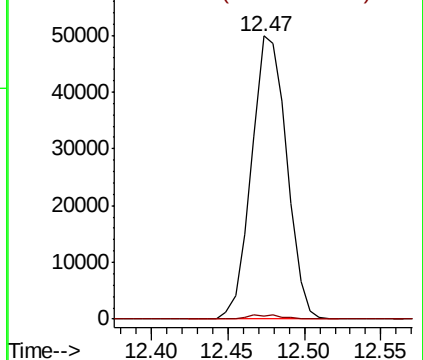
75 100

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: 89.204 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. 0.10 min

Lab File: VY000966.D

Acq: 16 Dec 2019 19:31

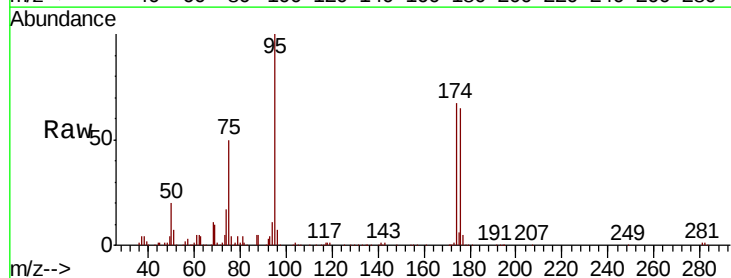
Tgt Ion: 75 Resp: 80037

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.1 33.6 50.4#



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

