

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
 Data File : VY000365.D
 Acq On : 22 Oct 2019 15:44
 Operator : SY/MD
 Sample : K5489-01
 Misc : 6.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MAIN-STOCKPILE-SLP

Quant Time: Oct 23 08:02:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	259692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	438333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	372602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165842	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	141827	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	7.73	113	126723	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	10.18	98	502273	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.48	95	161683	41.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.68%	

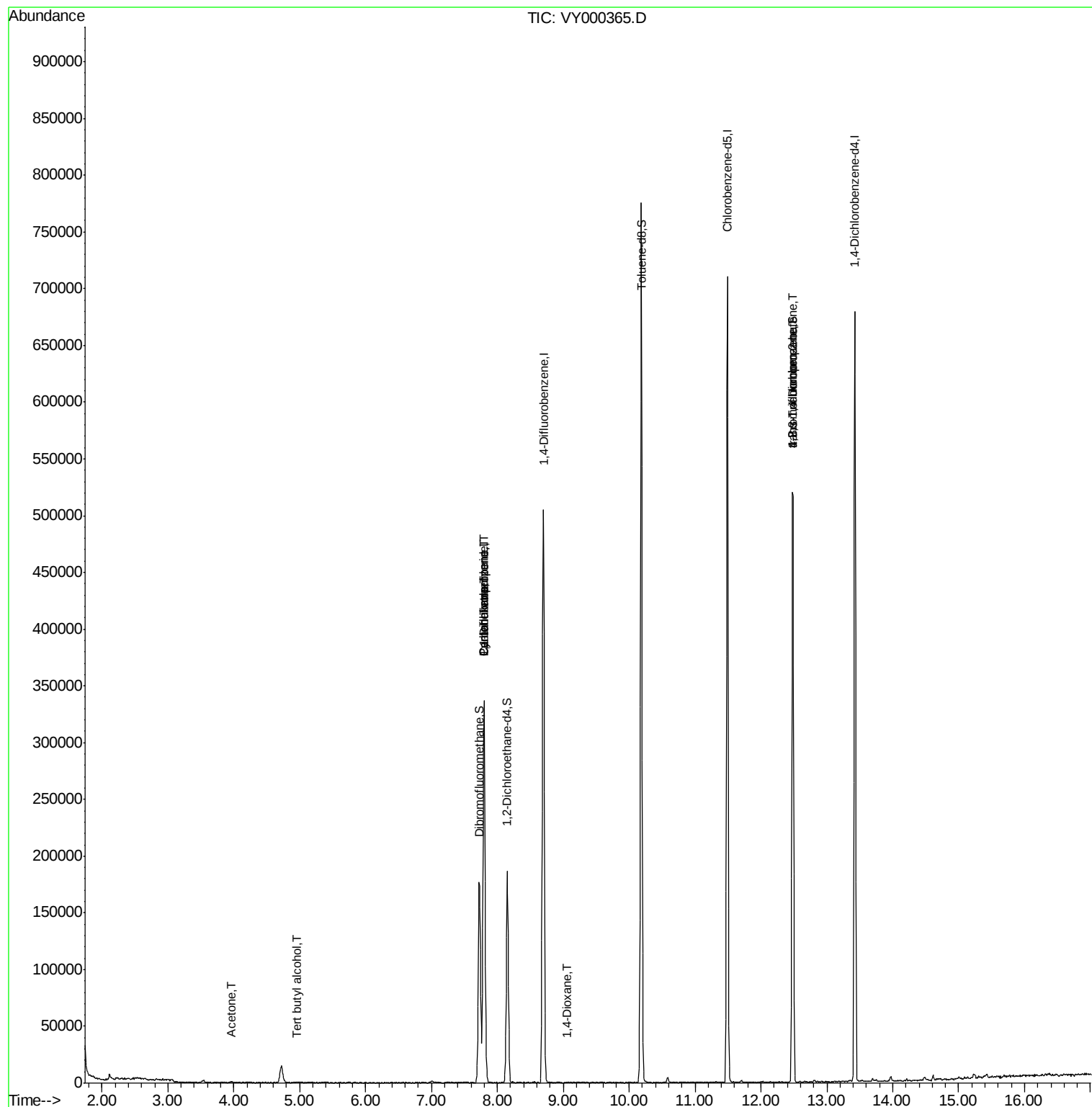
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.12	85	46	Below Cal	# 41
11) Tert butyl alcohol	4.96	59	423	1.476 ug/l	# 73
16) Acetone	3.96	43	1141	1.286 ug/l	# 79
20) Methylene Chloride	4.72	84	11518	Below Cal	84
31) Cyclohexane	7.80	56	5796	1.106 ug/l	# 6
36) 1,1-Dichloropropene	7.80	75	19431	4.528 ug/l	# 49
38) Carbon Tetrachloride	7.80	117	25796	6.208 ug/l	# 18
49) 1,4-Dioxane	9.05	88	48	1.882 ug/l	# 1
76) 1,2,3-Trichloropropane	12.48	75	86715	42.522 ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	86715	93.037 ug/l	# 14

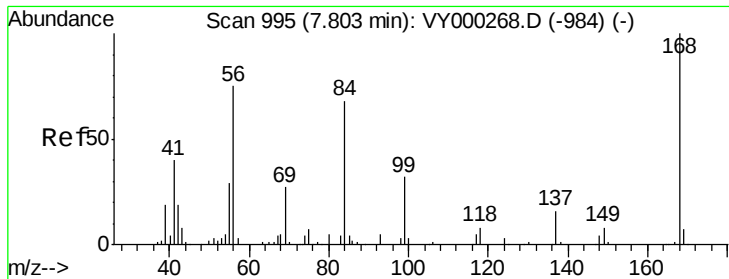
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
Data File : VY000365.D
Acq On : 22 Oct 2019 15:44
Operator : SY/MD
Sample : K5489-01
Misc : 6.71G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MAIN-STOCKPILE-SLP

Quant Time: Oct 23 08:02:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 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: VY000365.D

Acq: 22 Oct 2019 15:44

Instrument :

MSVOA_Y

ClientSampleId :

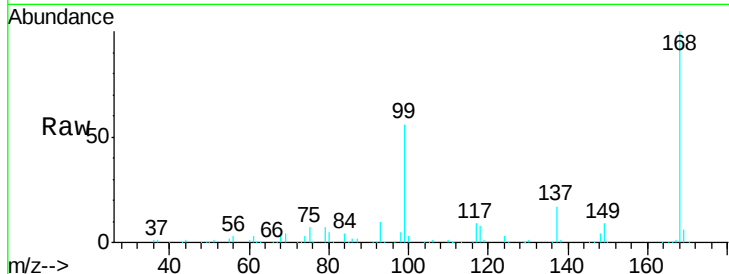
MAIN-STOCKPILE-SLP

Tgt Ion:168 Resp: 259692

Ion Ratio Lower Upper

168 100

99 56.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

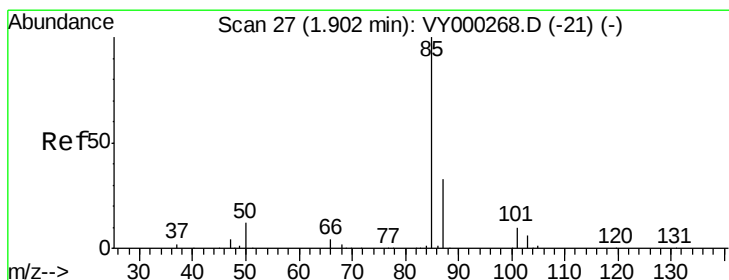
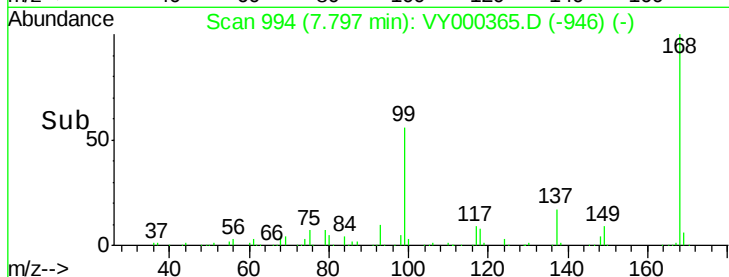
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.12 min Scan# 62

Delta R.T. 0.21 min

Lab File: VY000365.D

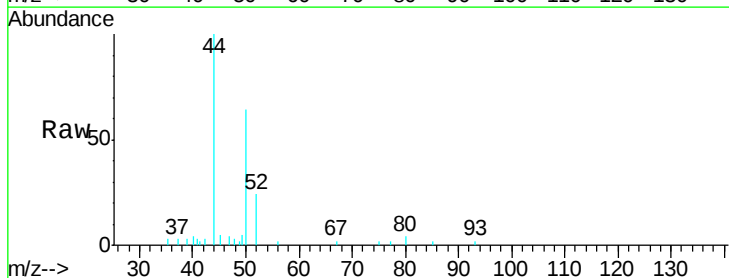
Acq: 22 Oct 2019 15:44

Tgt Ion: 85 Resp: 46

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

2.12

80

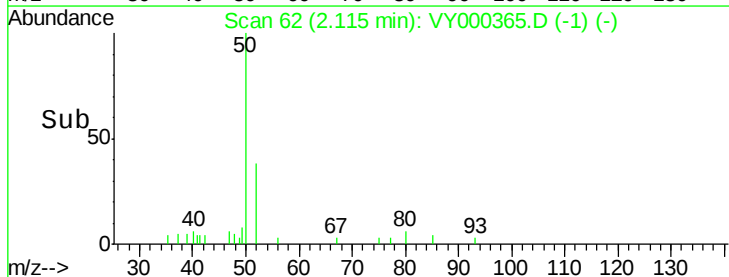
60

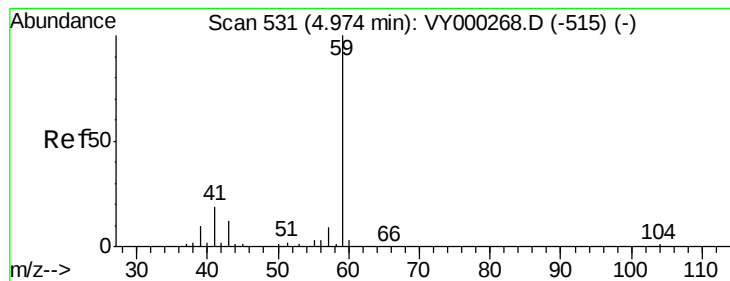
40

20

0

Time-->



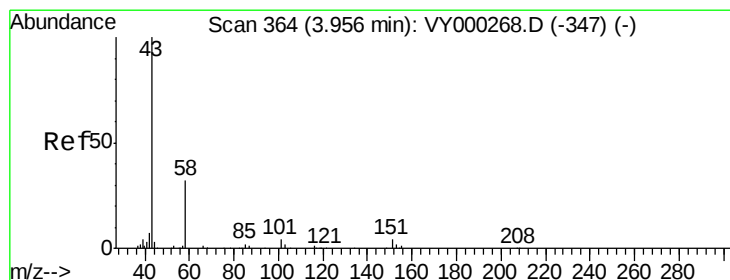
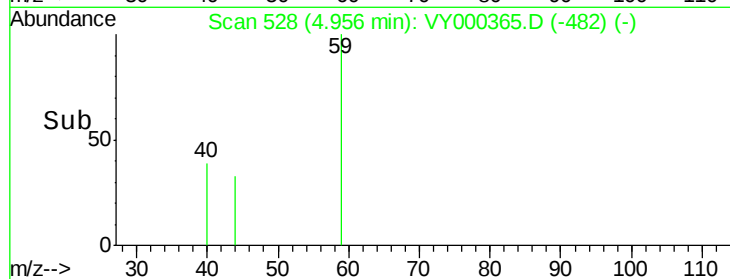
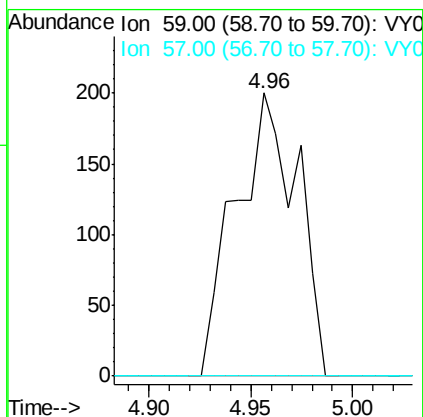
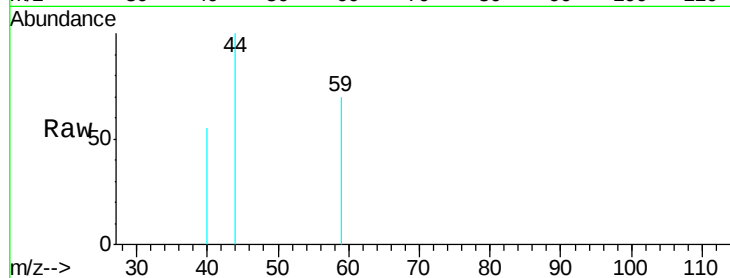


#11

Tert butyl alcohol
 Concen: 1.476 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VY000365.D
 Acq: 22 Oct 2019 15:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 MAIN-STOCKPILE-SLP

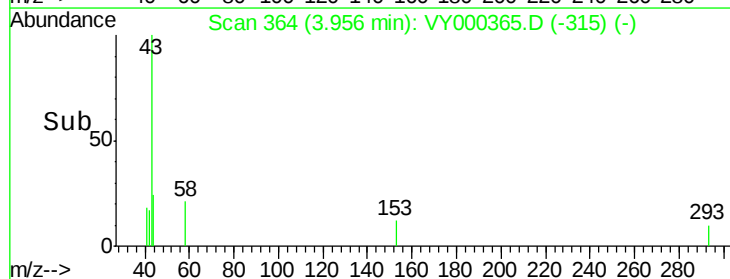
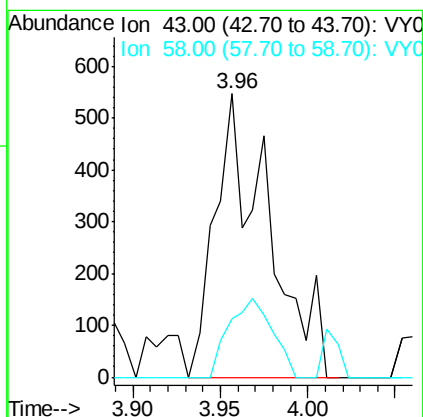
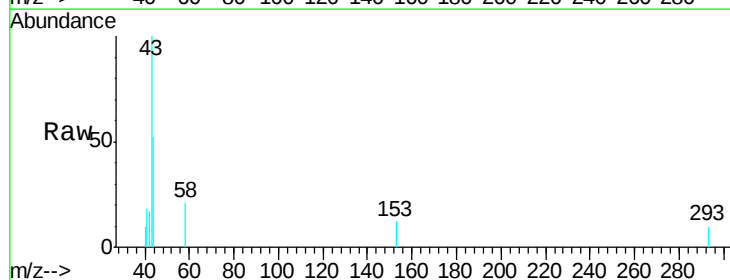
Tgt Ion: 59 Resp: 423
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

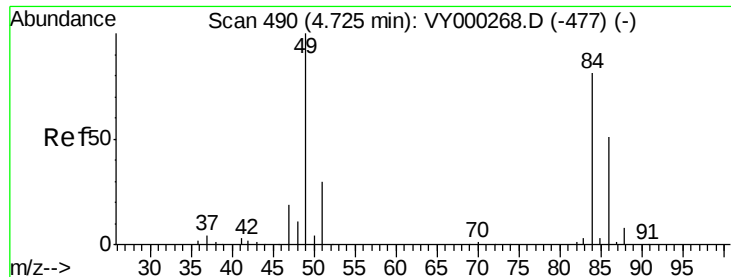


#16

Acetone
 Concen: 1.286 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VY000365.D
 Acq: 22 Oct 2019 15:44

Tgt Ion: 43 Resp: 1141
 Ion Ratio Lower Upper
 43 100
 58 20.7 25.8 38.6#

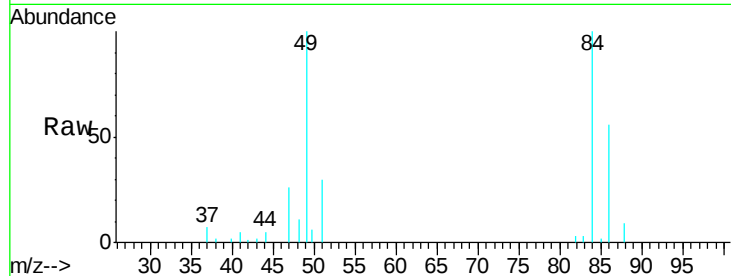




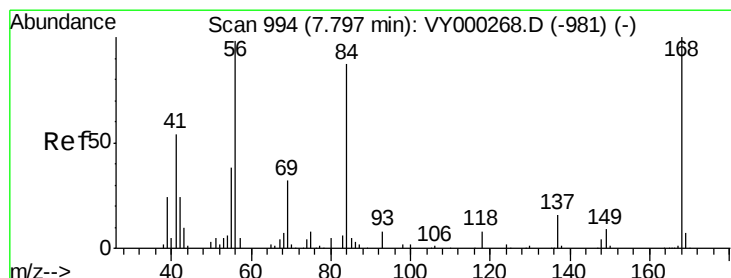
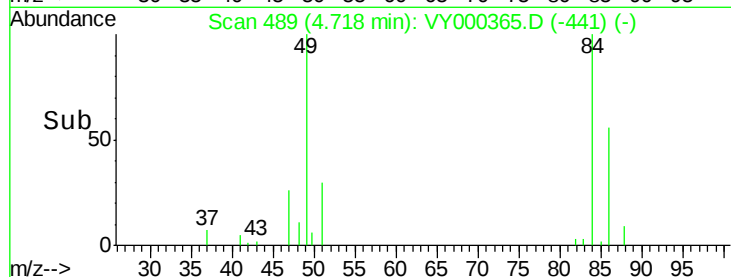
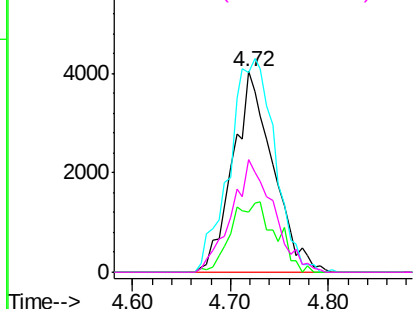
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000365.D
Acq: 22 Oct 2019 15:44

Instrument :
MSVOA_Y
ClientSampleId :
MAIN-STOCKPILE-SLP

Tgt Ion:	84	Resp:	11518
Ion	Ratio	Lower	Upper
84	100		
49	99.7	99.0	148.4
51	29.9	29.3	43.9
86	56.1	50.2	75.4

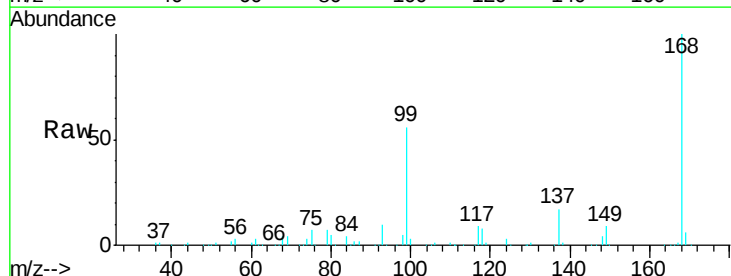


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

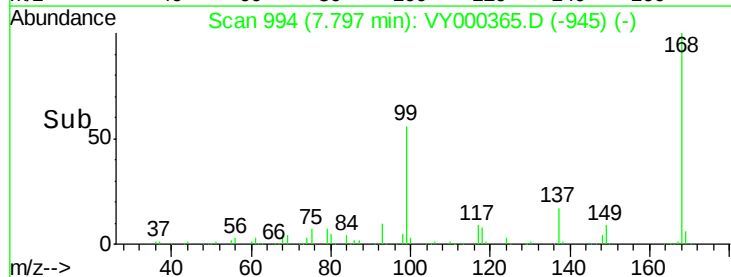
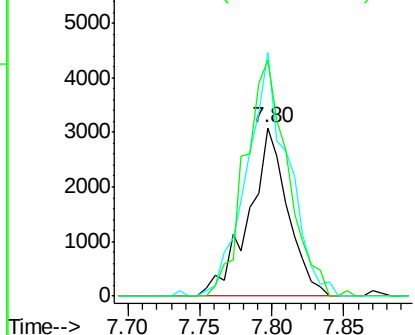


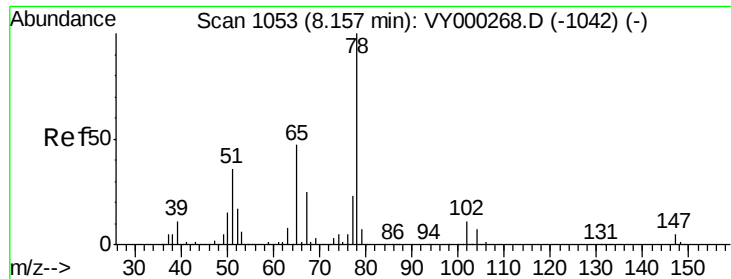
#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000365.D
Acq: 22 Oct 2019 15:44

Tgt Ion:	56	Resp:	5796
Ion	Ratio	Lower	Upper
56	100		
69	144.4	26.3	39.5#
84	139.8	70.8	106.2#



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

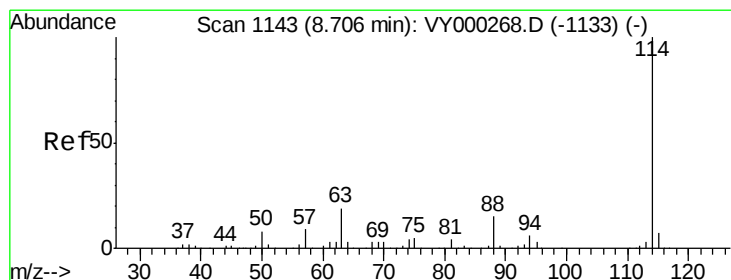
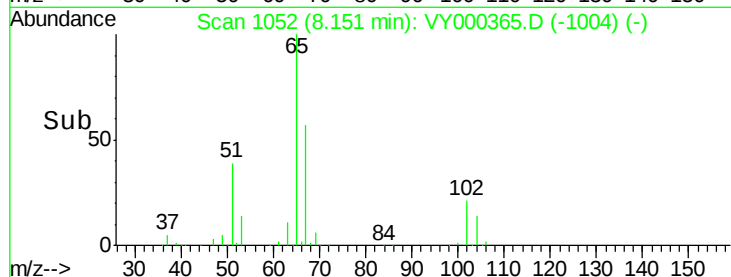
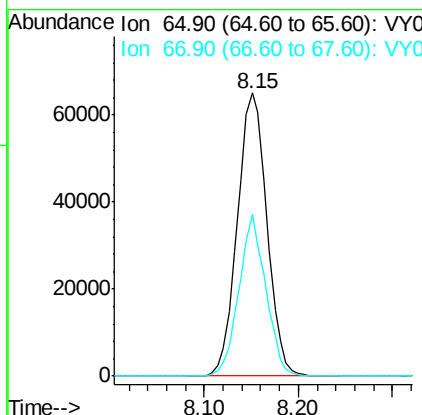
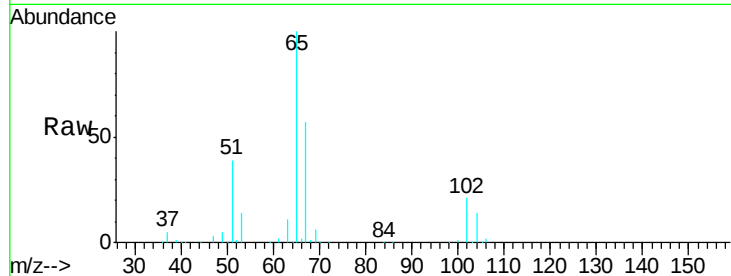




#33
 1,2-Dichloroethane-d4
 Concen: 51.774 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000365.D
 Acq: 22 Oct 2019 15:44

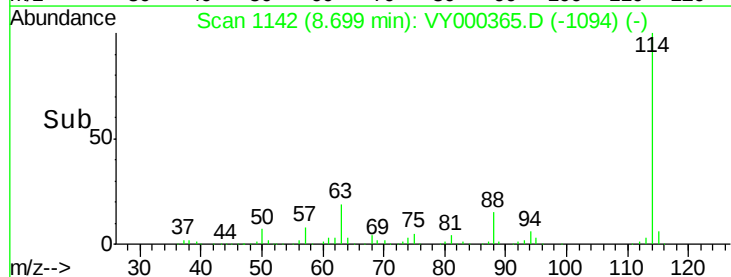
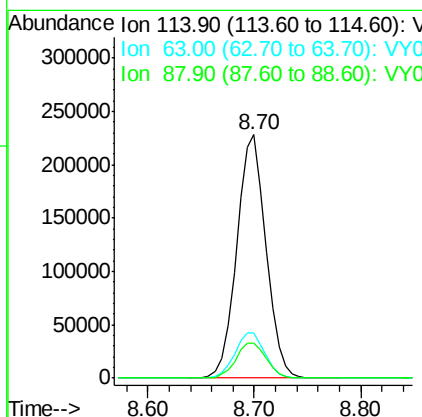
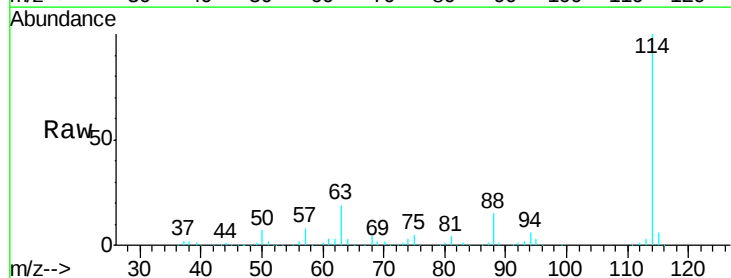
Instrument :
 MSVOA_Y
 ClientSampleId :
 MAIN-STOCKPILE-SLP

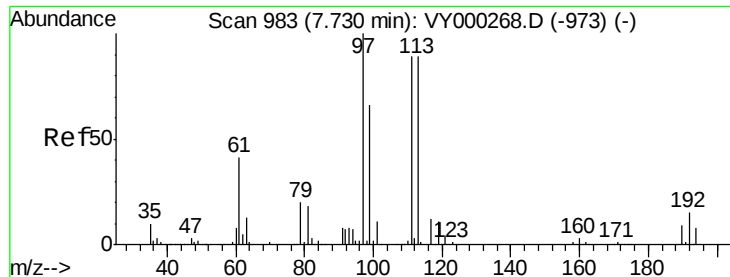
Tgt Ion: 65 Resp: 141827
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000365.D
 Acq: 22 Oct 2019 15:44

Tgt Ion: 114 Resp: 438333
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.2
 88 14.6 0.0 30.2

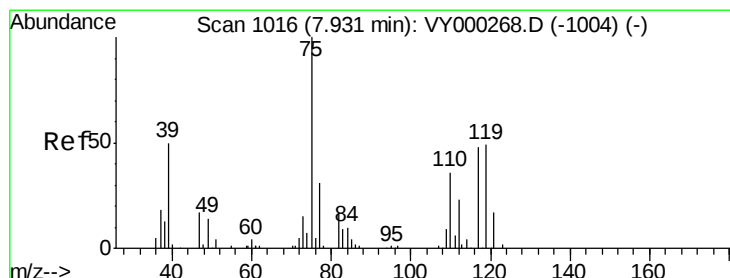
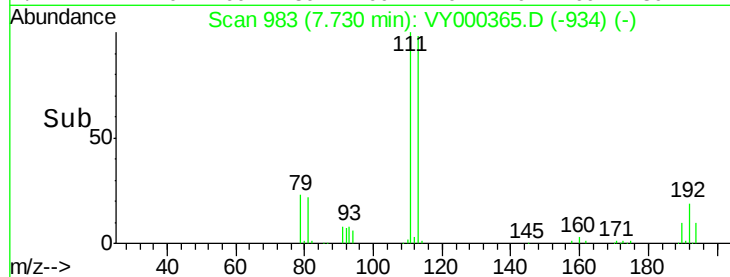
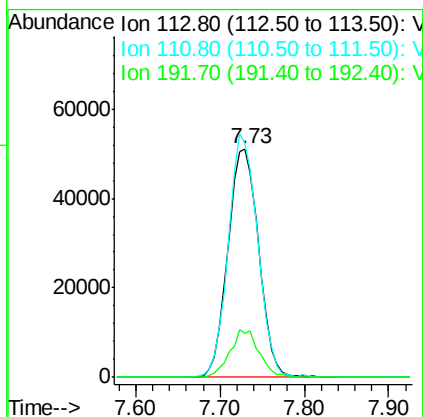
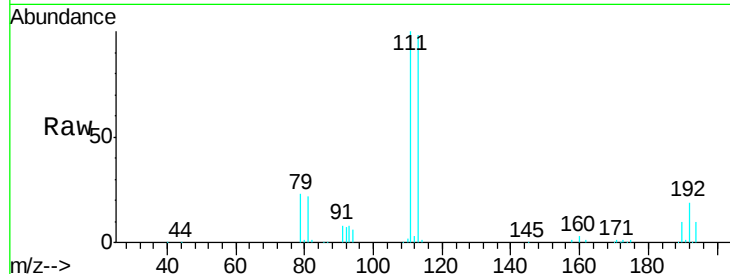




#35
 Dibromofluoromethane
 Concen: 47.927 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000365.D
 Acq: 22 Oct 2019 15:44

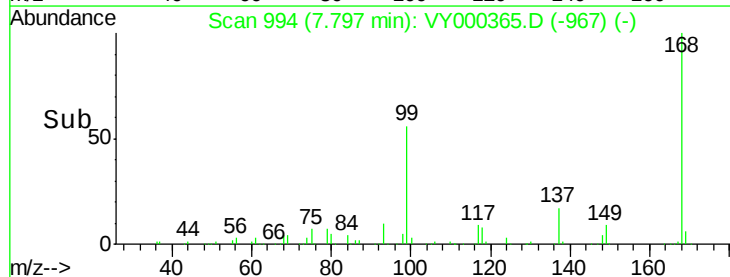
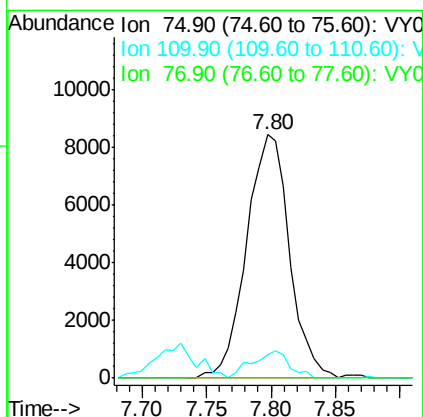
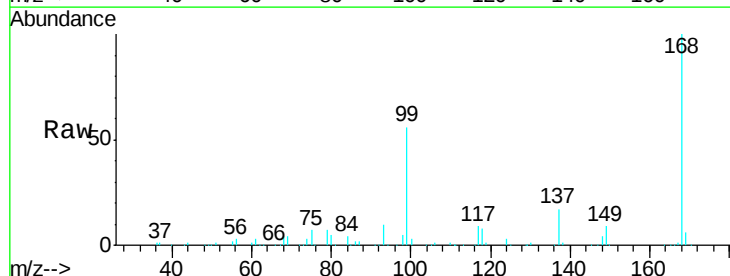
Instrument :
 MSVOA_Y
 ClientSampleId :
 MAIN-STOCKPILE-SLP

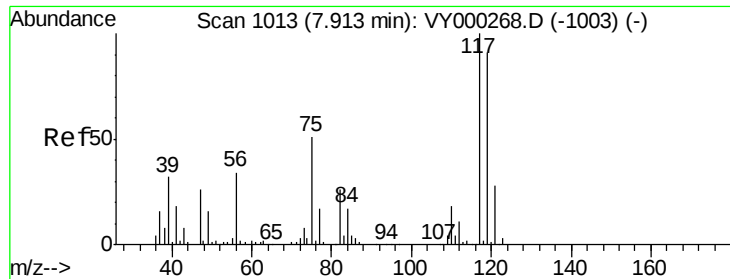
Tgt Ion: 113 Resp: 126723
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.6 122.4
 192 19.6 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 4.528 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000365.D
 Acq: 22 Oct 2019 15:44

Tgt Ion: 75 Resp: 19431
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.4 55.4#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.208 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000365.D

Acq: 22 Oct 2019 15:44

Instrument :

MSVOA_Y

ClientSampleId :

MAIN-STOCKPILE-SLP

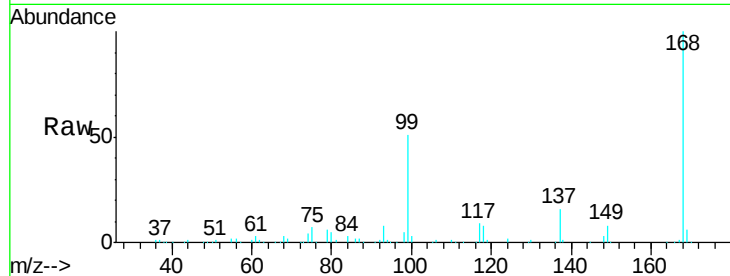
Tgt Ion: 117 Resp: 25796

Ion Ratio Lower Upper

117 100

119 5.4 72.8 109.2#

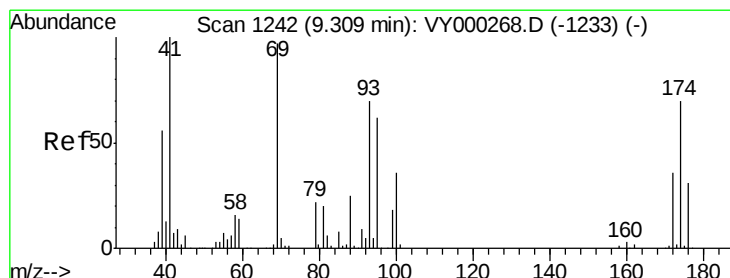
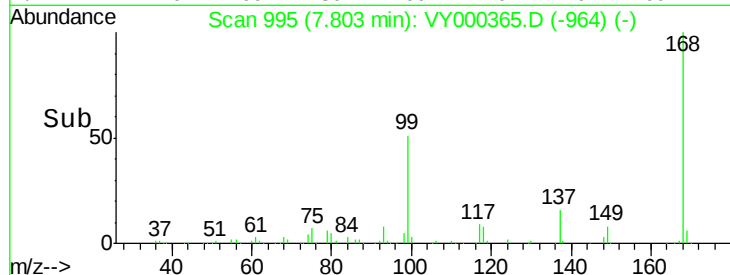
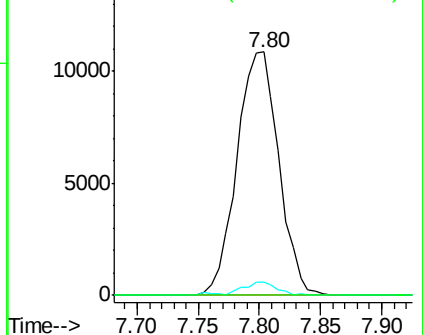
121 0.0 22.2 33.2#



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



#49

1,4-Dioxane

Concen: 1.882 ug/l

RT: 9.05 min Scan# 1200

Delta R.T. -0.26 min

Lab File: VY000365.D

Acq: 22 Oct 2019 15:44

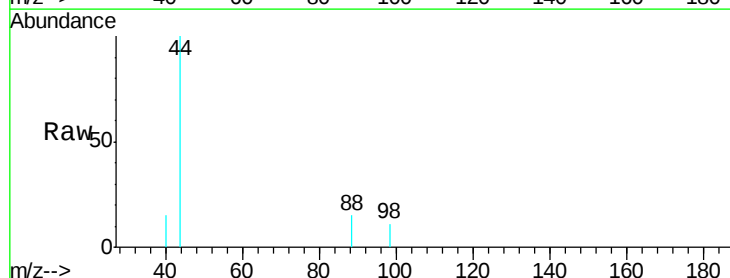
Tgt Ion: 88 Resp: 48

Ion Ratio Lower Upper

88 100

43 187.5 25.6 38.4#

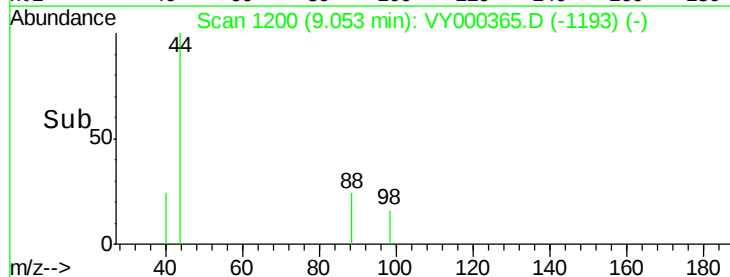
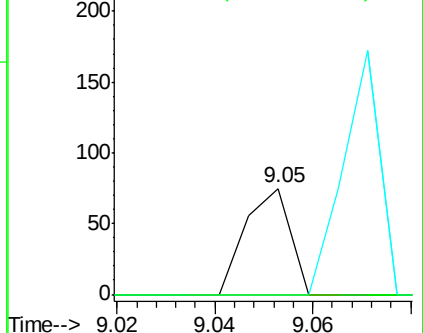
58 0.0 54.6 81.8#

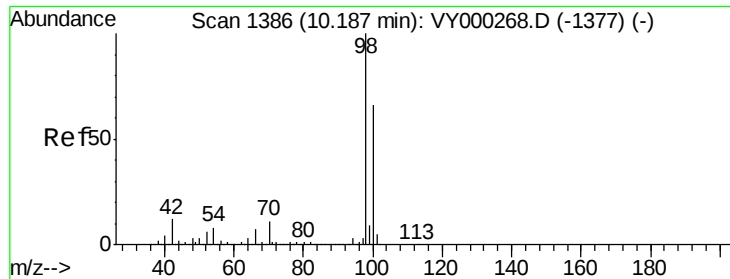


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 49.383 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000365.D

Acq: 22 Oct 2019 15:44

Instrument :

MSVOA_Y

ClientSampleId :

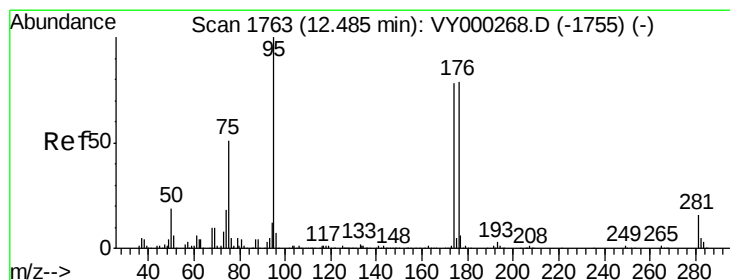
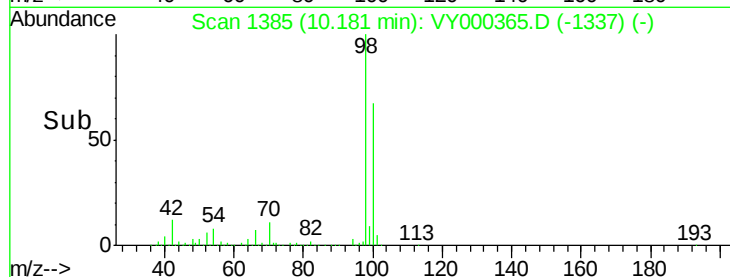
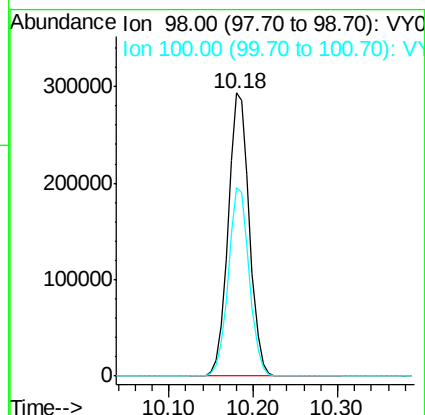
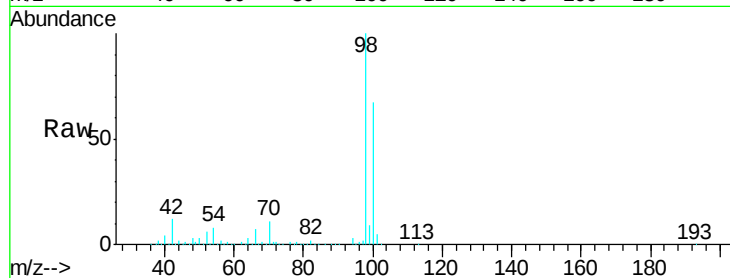
MAIN-STOCKPILE-SLP

Tgt Ion: 98 Resp: 502273

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 41.843 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000365.D

Acq: 22 Oct 2019 15:44

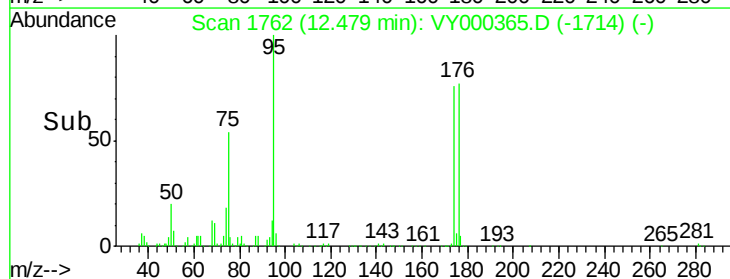
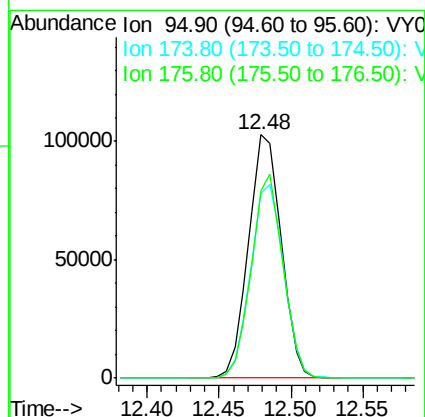
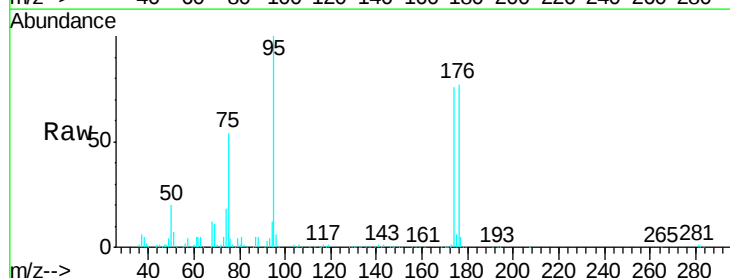
Tgt Ion: 95 Resp: 161683

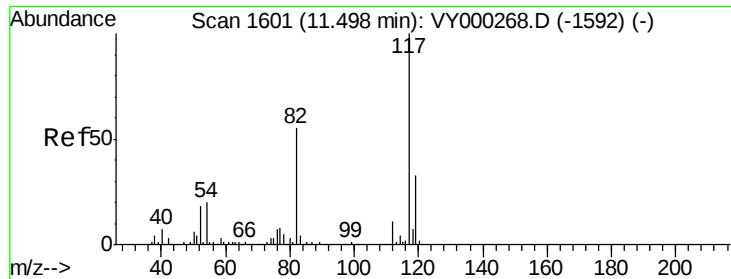
Ion Ratio Lower Upper

95 100

174 80.7 0.0 159.6

176 80.5 0.0 153.8

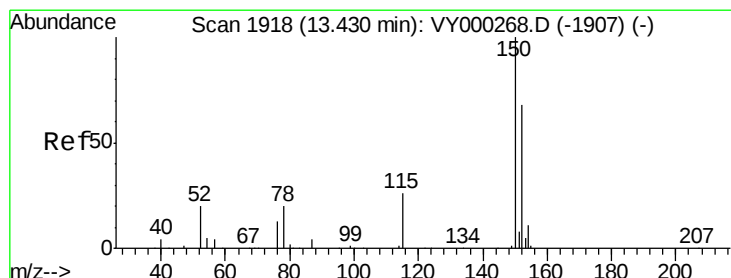
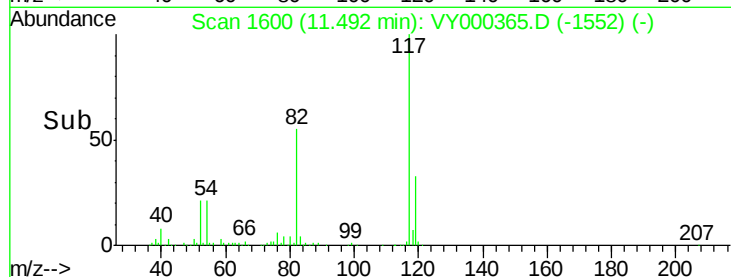
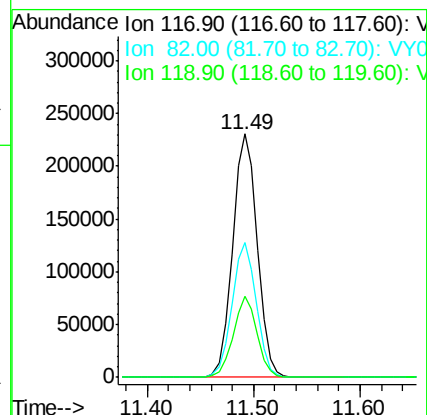
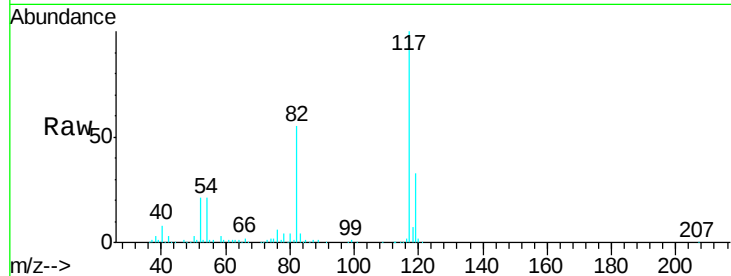




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000365.D
Acq: 22 Oct 2019 15:44

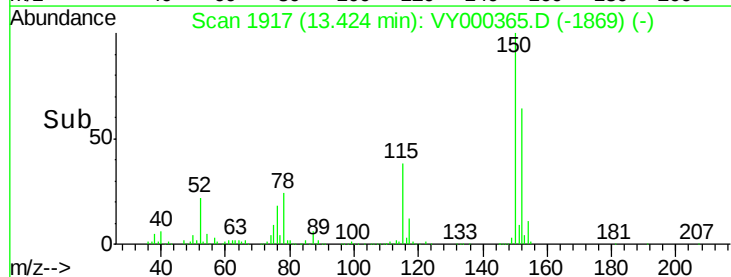
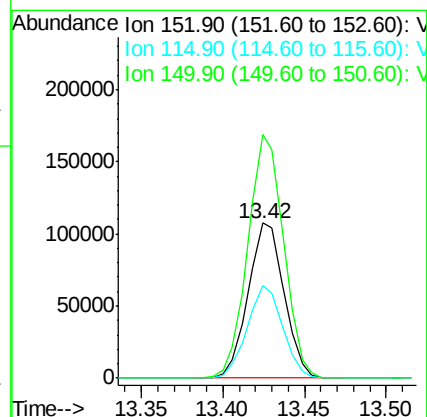
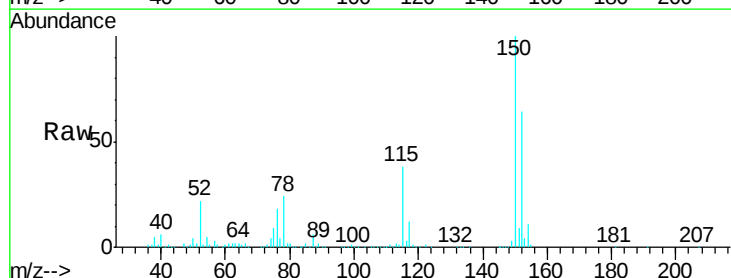
Instrument :
MSVOA_Y
ClientSampleId :
MAIN-STOCKPILE-SLP

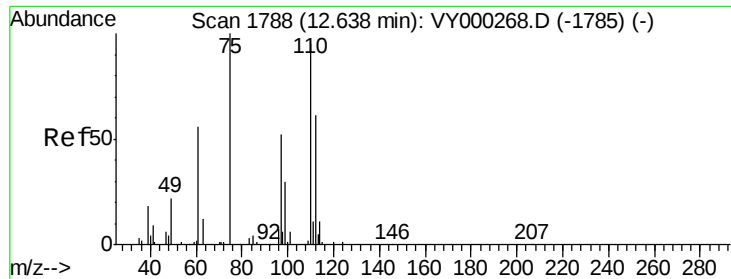
Tgt Ion:117 Resp: 372602
Ion Ratio Lower Upper
117 100
82 55.2 43.7 65.5
119 33.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000365.D
Acq: 22 Oct 2019 15:44

Tgt Ion:152 Resp: 165842
Ion Ratio Lower Upper
152 100
115 58.7 29.3 88.0
150 155.6 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 42.522 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000365.D

Acq: 22 Oct 2019 15:44

Instrument :

MSVOA_Y

ClientSampleId :

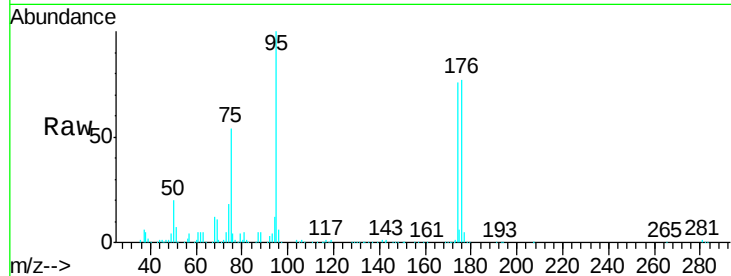
MAIN-STOCKPILE-SLP

Tgt Ion: 75 Resp: 86715

Ion Ratio Lower Upper

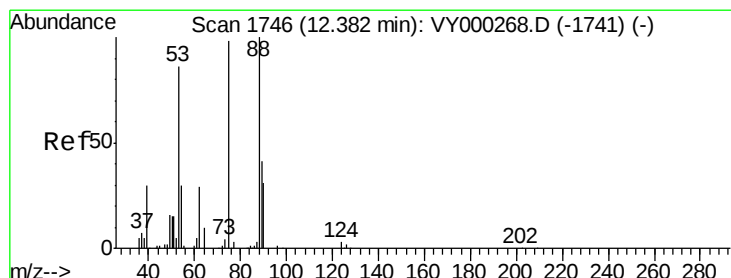
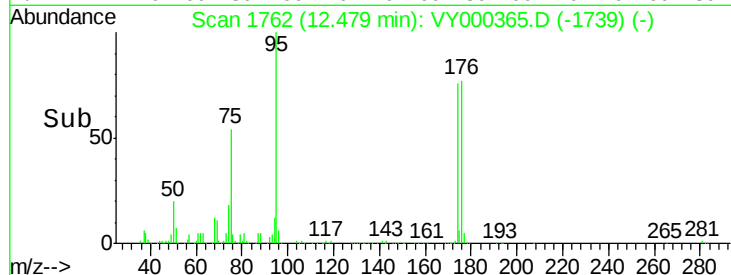
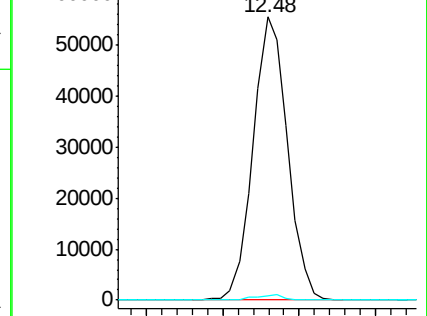
75 100

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: 93.037 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000365.D

Acq: 22 Oct 2019 15:44

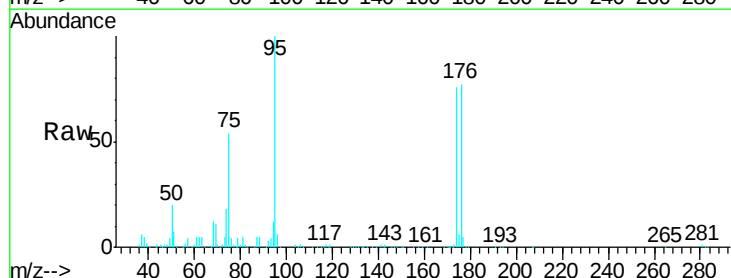
Tgt Ion: 75 Resp: 86715

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.1 35.1 52.7#



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

