

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002968.D
 Acq On : 22 Jun 2020 12:59
 Operator : SY/MD
 Sample : L3051-01RE
 Misc : 8.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-BOXRE

Quant Time: Jun 23 08:11:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	216418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	347382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	298589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	97158	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	106572	59.62	ug/l	0.00
Spiked Amount			Recovery	=	119.24%	
35) Dibromofluoromethane	7.72	113	106329	54.10	ug/l	0.00
Spiked Amount			Recovery	=	108.20%	
50) Toluene-d8	10.18	98	396773	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.48	95	108817	40.48	ug/l	0.00
Spiked Amount			Recovery	=	80.96%	

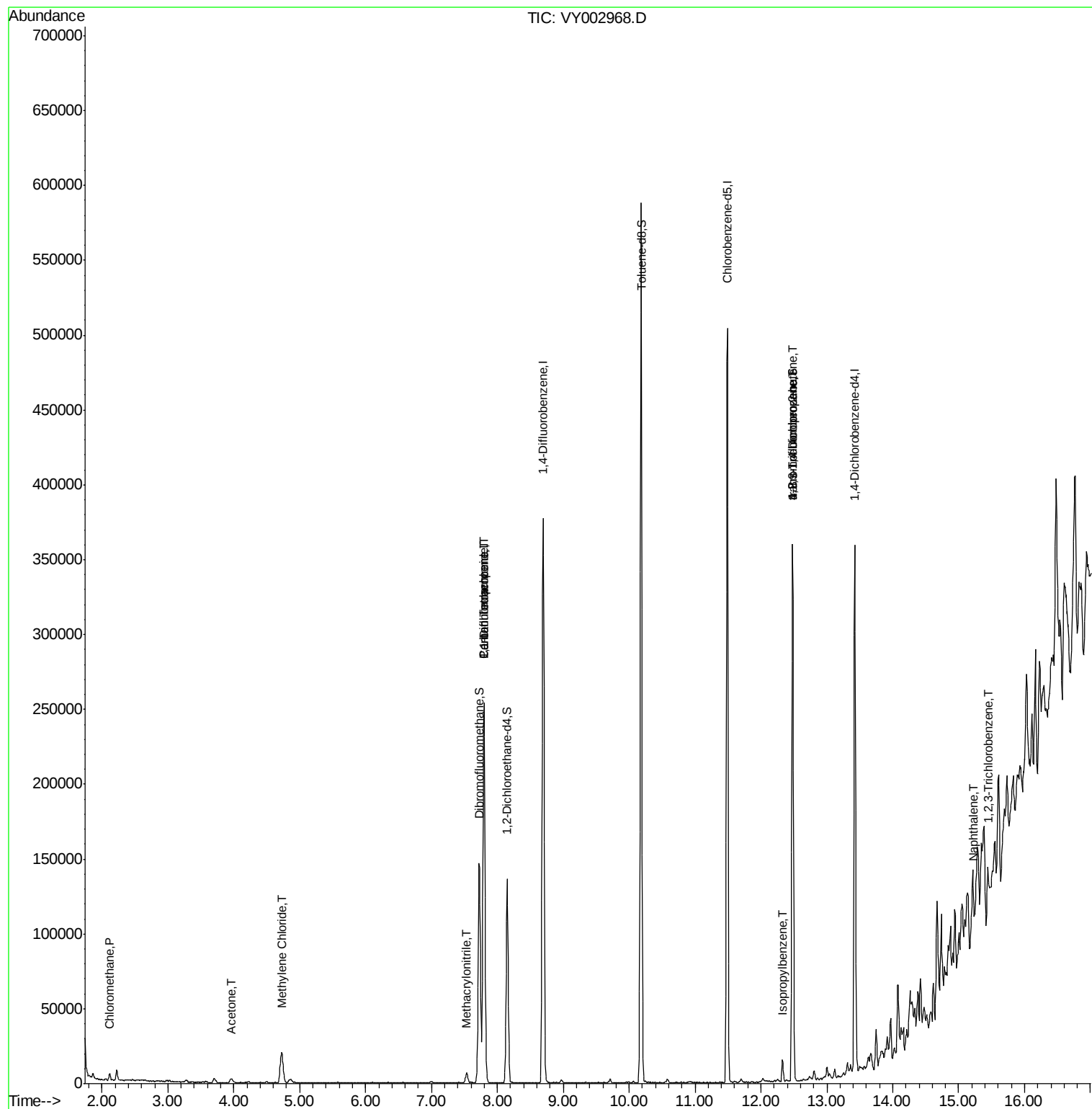
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	4081	2.605	ug/l	90
11) Tert butyl alcohol	4.97	59	288	Below Cal	#	74
16) Acetone	3.96	43	4569	10.320	ug/l	94
18) Methyl Acetate	4.48	43	792	Below Cal	#	73
20) Methylene Chloride	4.72	84	17258	1.633	ug/l	90
36) 1,1-Dichloropropene	7.80	75	13218	4.685	ug/l #	48
38) Carbon Tetrachloride	7.80	117	18692	6.012	ug/l #	15
41) Methacrylonitrile	7.53	41	842	1.074	ug/l #	90
73) Isopropylbenzene	12.33	105	8945	1.502	ug/l	100
76) 1,2,3-Trichloropropane	12.48	75	51334	60.668	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	51334	115.827	ug/l #	16
95) Naphthalene	15.23	128	4803	1.201	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	2442	1.364	ug/l #	41

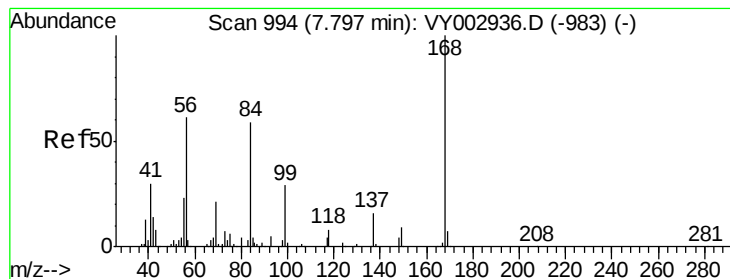
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002968.D

Acq: 22 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

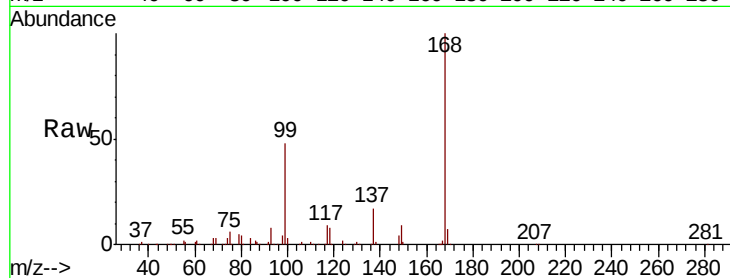
SLUDGE-BOXRE

Tot Ion:168 Resp: 216418

Ion Ratio Lower Upper

168 100

99 48.3 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

7.80

100000

80000

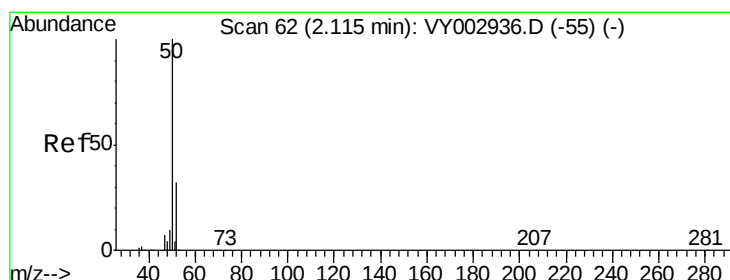
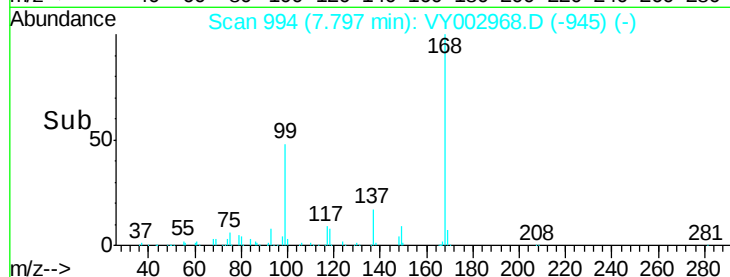
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 2.605 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002968.D

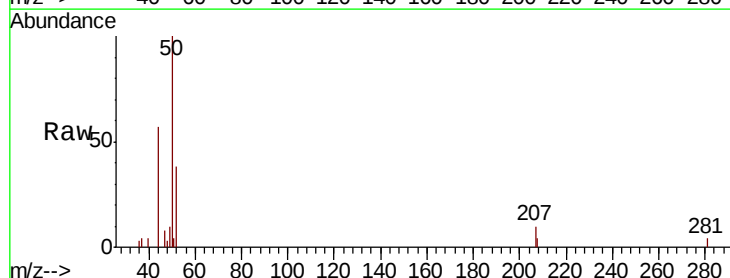
Acq: 22 Jun 2020 12:59

Tgt Ion: 50 Resp: 4081

Ion Ratio Lower Upper

50 100

52 37.9 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002936.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY002936.D (-55) (-)

2.12

3000

2500

2000

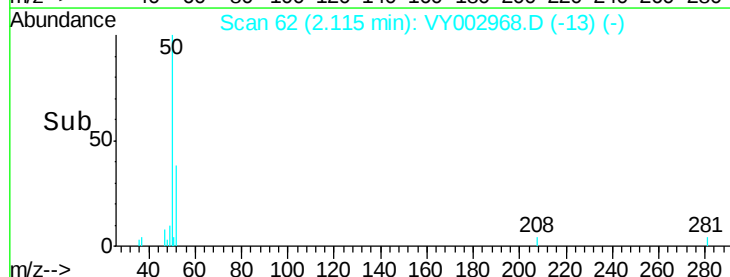
1500

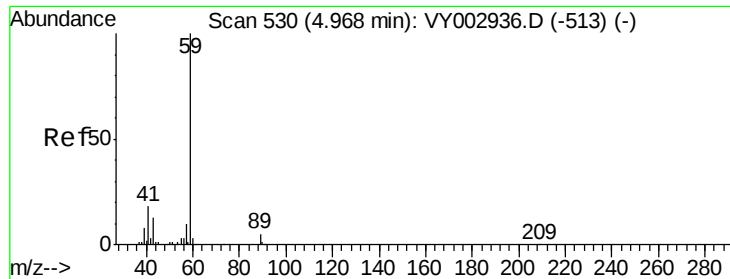
1000

500

0

Time-->



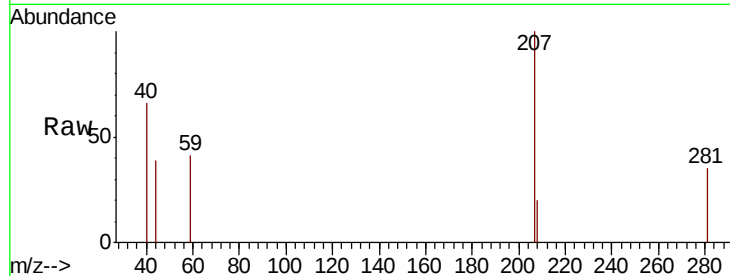


#11

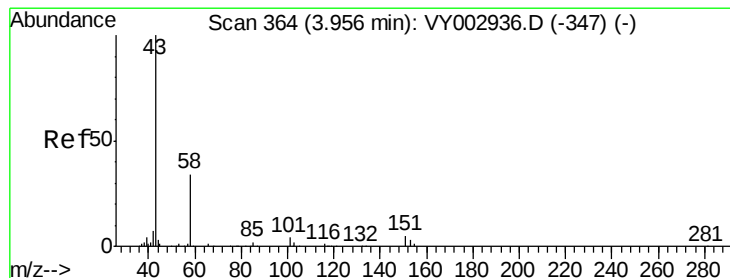
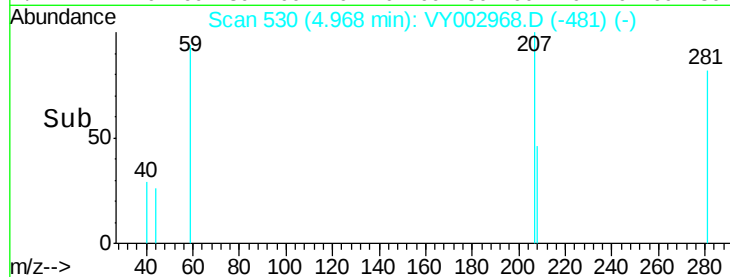
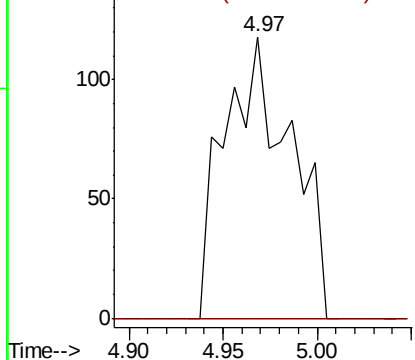
Tert butyl alcohol
 Concen: Below Cal
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002968.D
 Acq: 22 Jun 2020 12:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-BOXRE

Tot Ion: 59 Resp: 288
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#



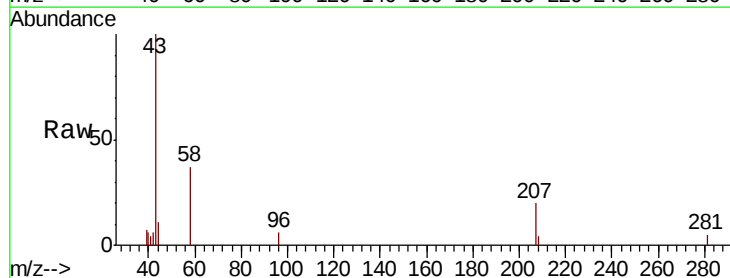
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



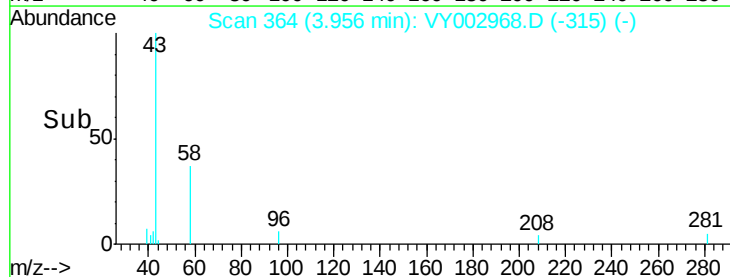
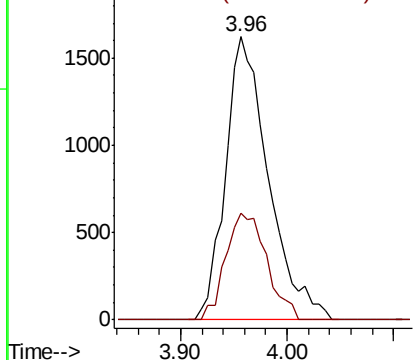
#16

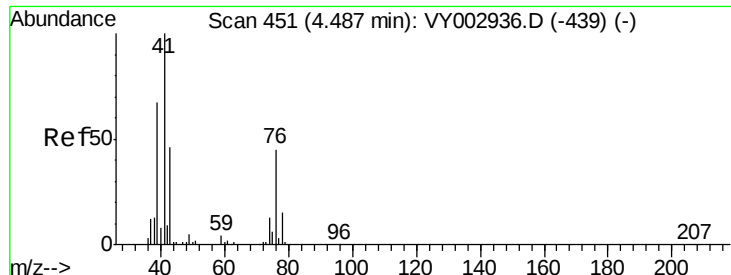
Acetone
 Concen: 10.320 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VY002968.D
 Acq: 22 Jun 2020 12:59

Tgt Ion: 43 Resp: 4569
 Ion Ratio Lower Upper
 43 100
 58 37.5 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

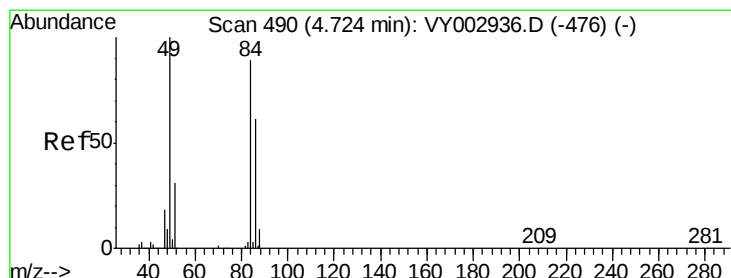
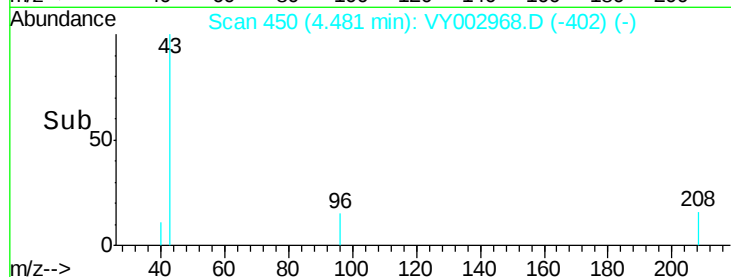
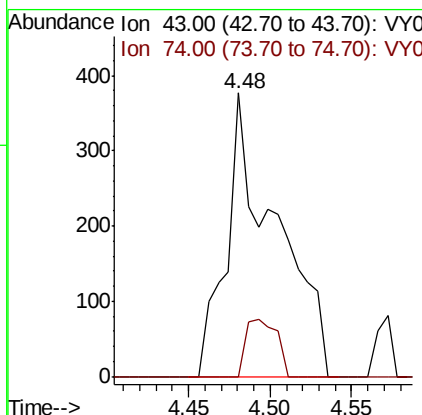
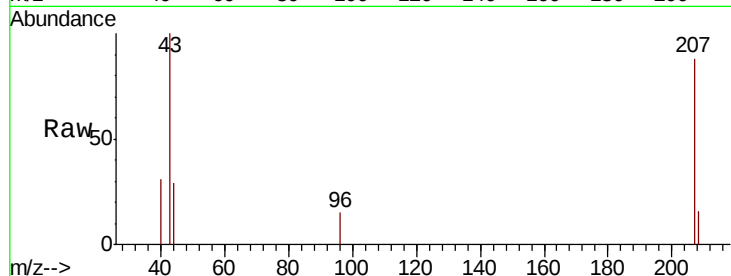




#18
Methvl Acetate
Concen: Below Cal
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY002968.D
Acq: 22 Jun 2020 12:59

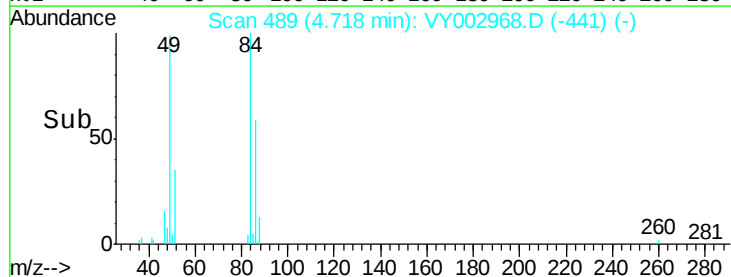
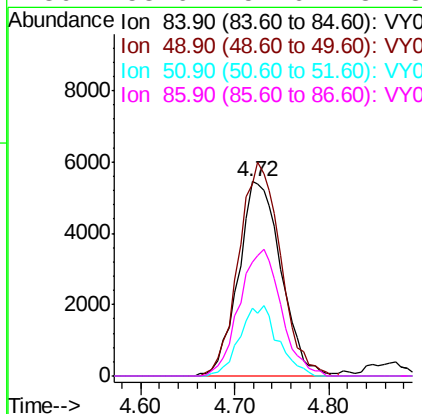
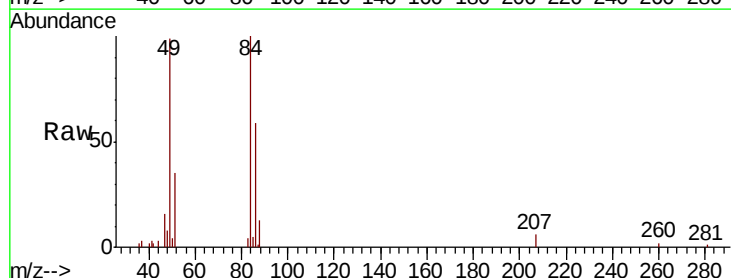
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-BOXRE

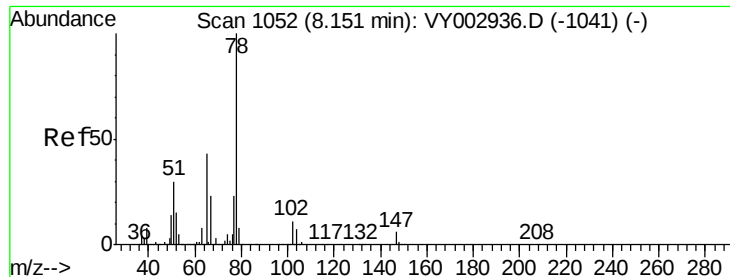
Tot Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
74 12.6 21.1 31.7#



#20
Methylene Chloride
Concen: 1.633 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002968.D
Acq: 22 Jun 2020 12:59

Tgt Ion: 84 Resp: 17258
Ion Ratio Lower Upper
84 100
49 98.9 90.0 135.0
51 34.7 27.9 41.9
86 58.6 54.6 81.8

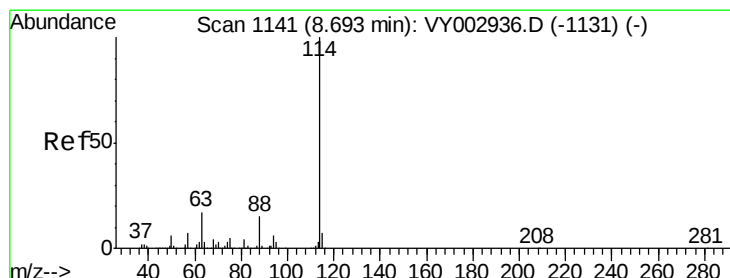
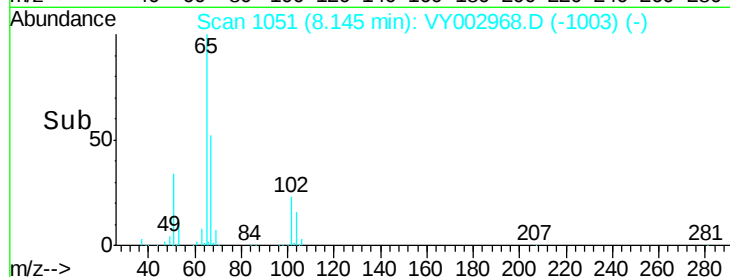
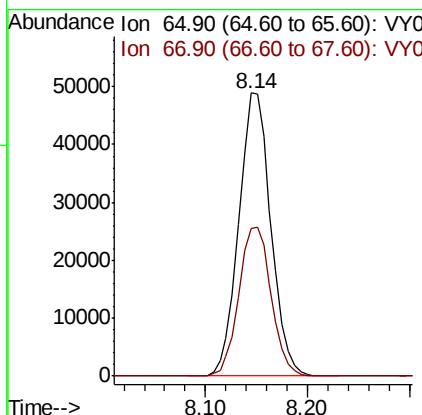
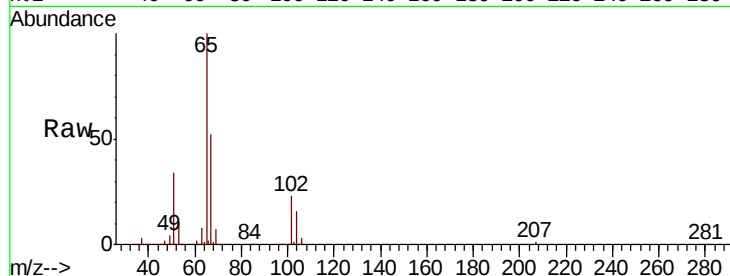




#33
 1,2-Dichloroethane-d4
 Concen: 59.618 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002968.D
 Acq: 22 Jun 2020 12:59

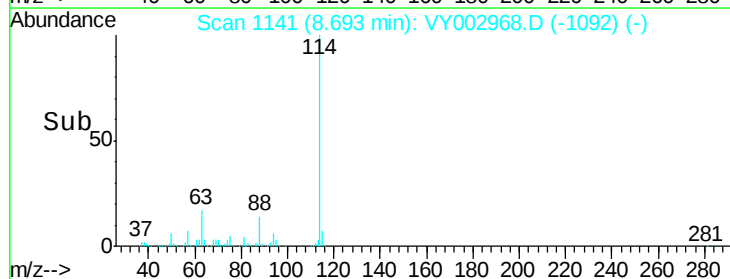
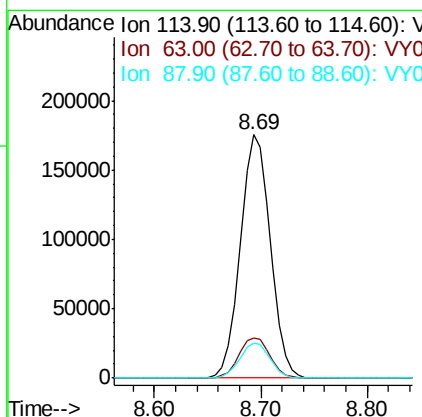
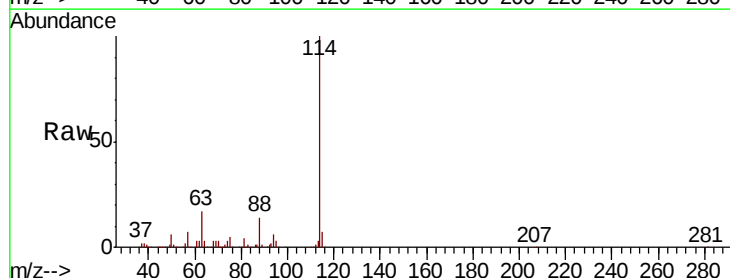
Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-BOXRE

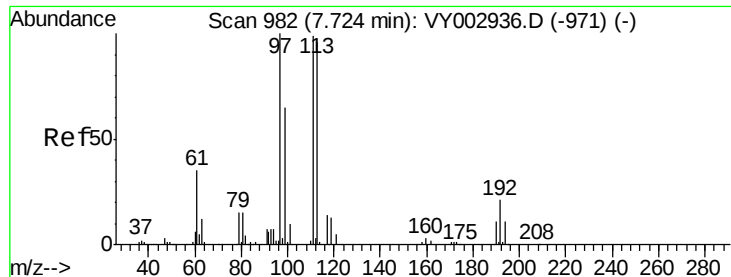
Tot Ion: 65 Resp: 106572
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002968.D
 Acq: 22 Jun 2020 12:59

Tgt Ion: 114 Resp: 347382
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 34.6
 88 14.3 0.0 29.2

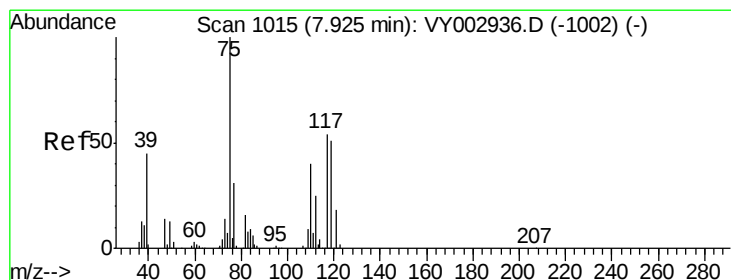
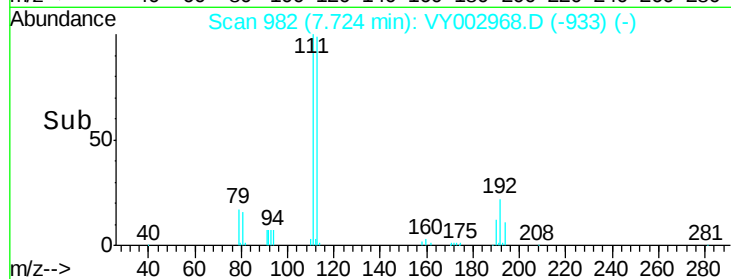
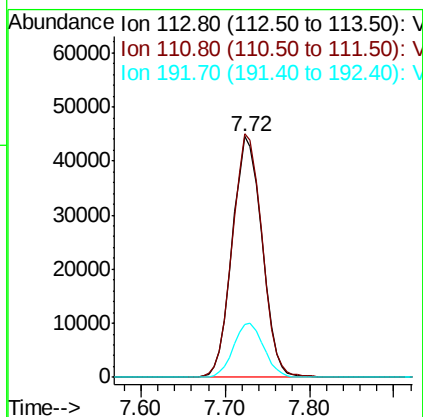
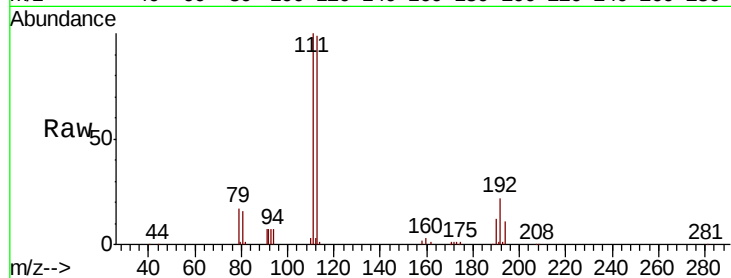




#35
 Dibromofluoromethane
 Concen: 54.096 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002968.D
 Acq: 22 Jun 2020 12:59

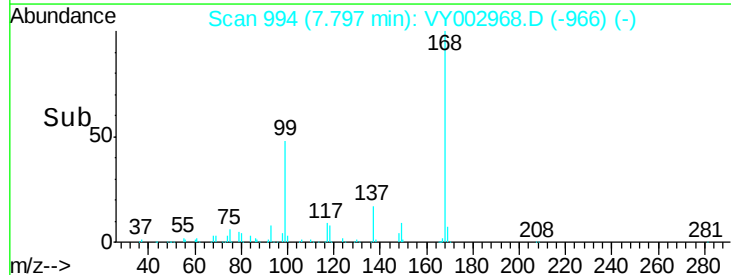
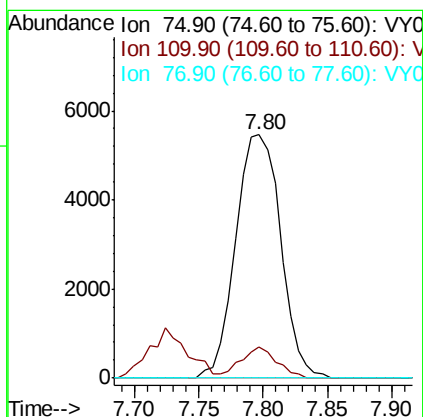
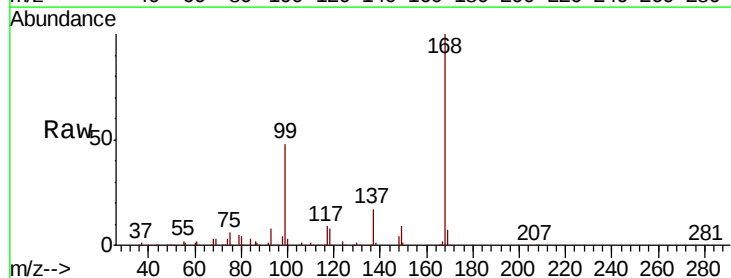
Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-BOXRE

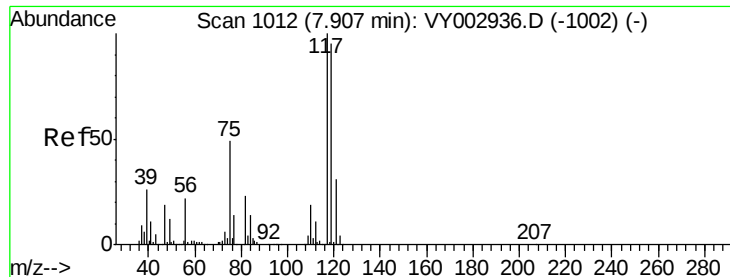
Tot Ion:113 Resp: 106329
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.5 122.3
 192 22.7 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 4.685 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002968.D
 Acq: 22 Jun 2020 12:59

Tgt Ion: 75 Resp: 13218
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.7 59.0#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.012 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002968.D

Acq: 22 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

SLUDGE-BOXRE

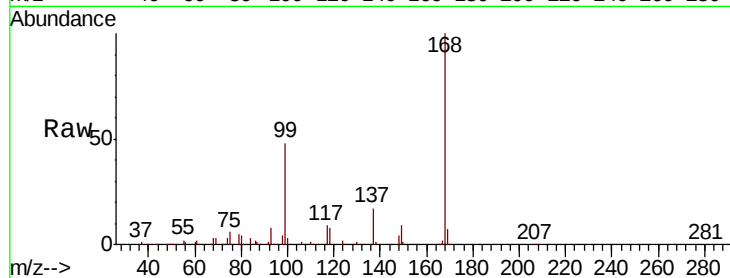
Tot Ion:117 Resp: 18692

Ion Ratio Lower Upper

117 100

119 4.0 76.1 114.1#

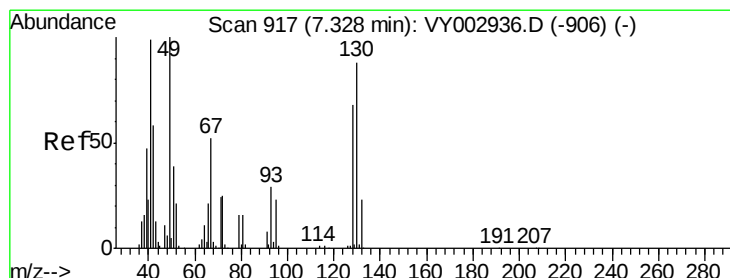
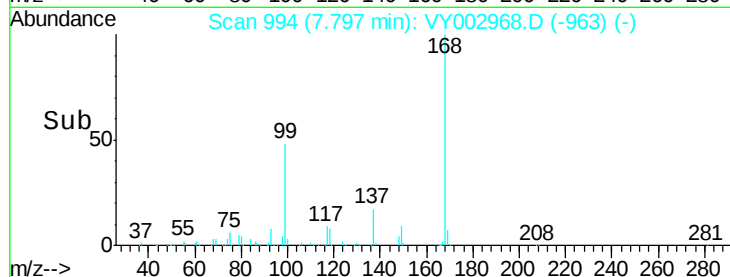
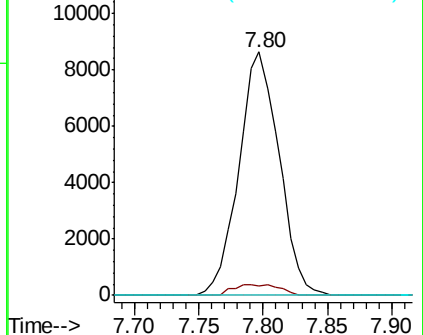
121 0.0 24.8 37.2#



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



#41

Methacrylonitrile

Concen: 1.074 ug/l

RT: 7.53 min Scan# 951

Delta R.T. 0.21 min

Lab File: VY002968.D

Acq: 22 Jun 2020 12:59

Tgt Ion: 41 Resp: 842

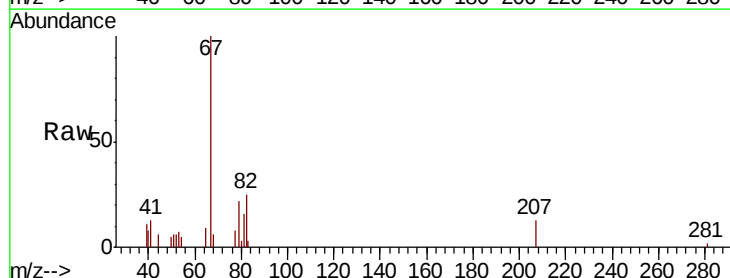
Ion Ratio Lower Upper

41 100

39 109.4 96.6 144.8

67 733.7 0.0 0.0#

52 14.5 0.0 0.0#

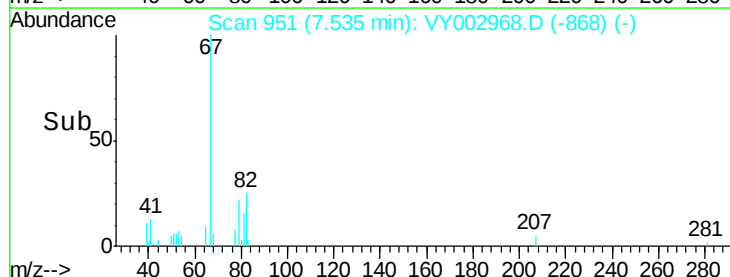
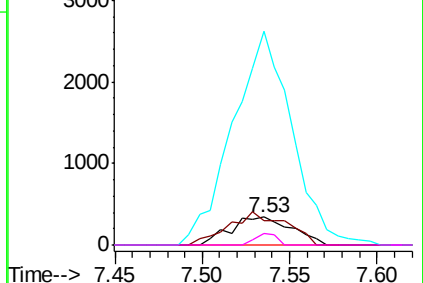


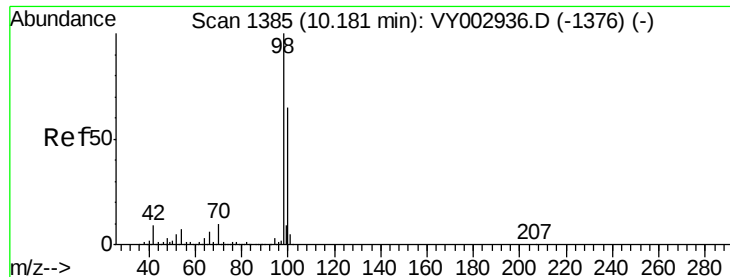
Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#50

Toluene-d8

Concen: 51.196 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002968.D

Acq: 22 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

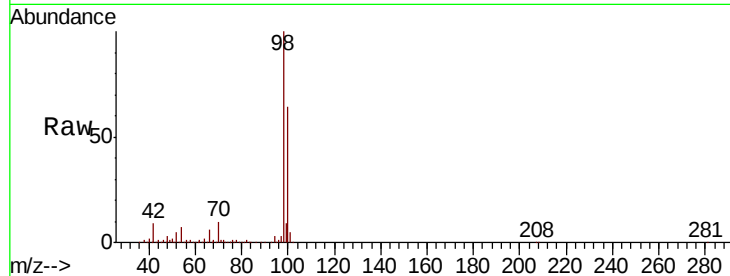
SLUDGE-BOXRE

Tot Ion: 98 Resp: 396773

Ion Ratio Lower Upper

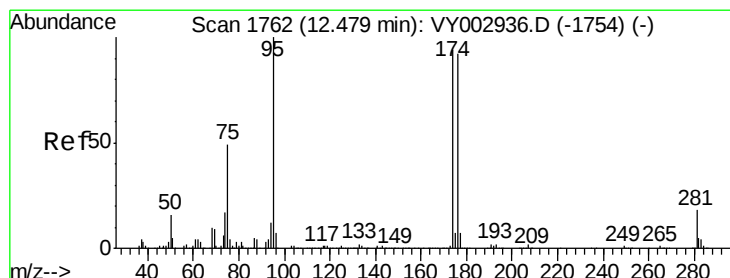
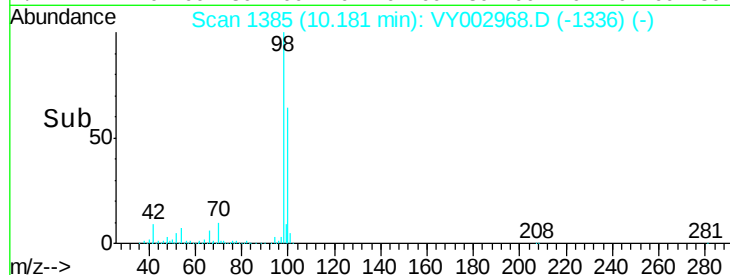
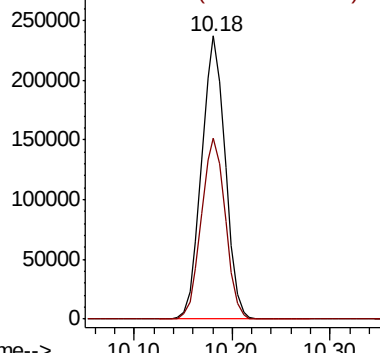
98 100

100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 40.477 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002968.D

Acq: 22 Jun 2020 12:59

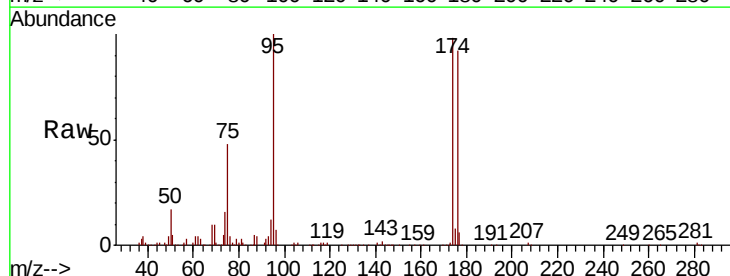
Tgt Ion: 95 Resp: 108817

Ion Ratio Lower Upper

95 100

174 98.3 0.0 191.2

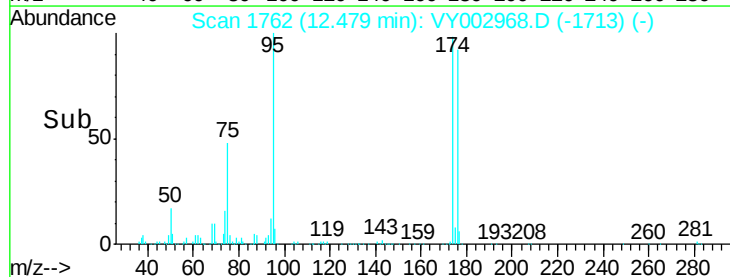
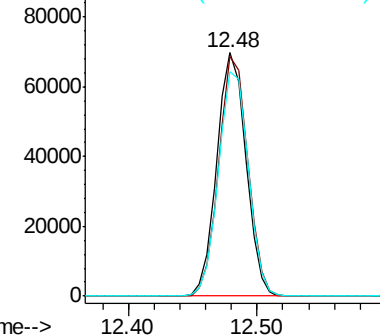
176 94.3 0.0 186.0

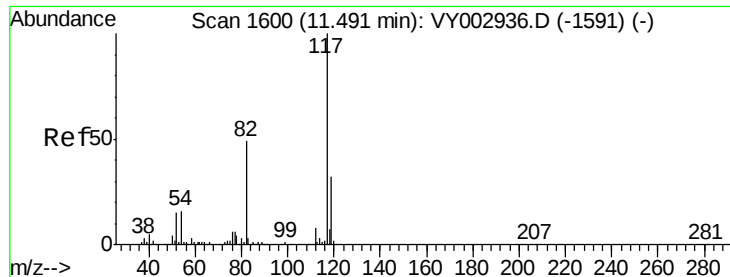


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

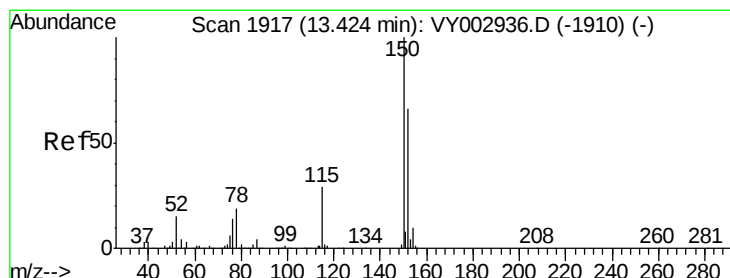
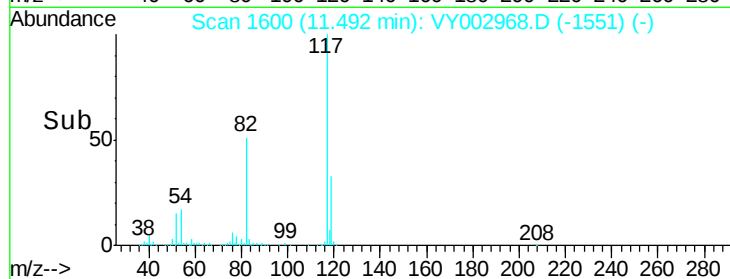
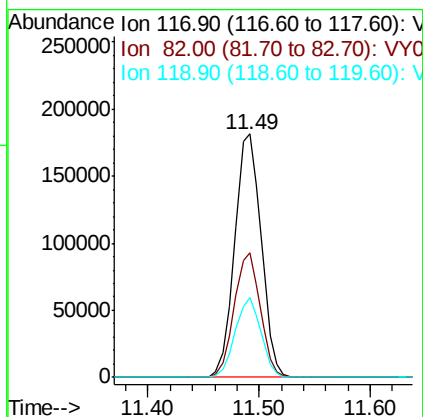
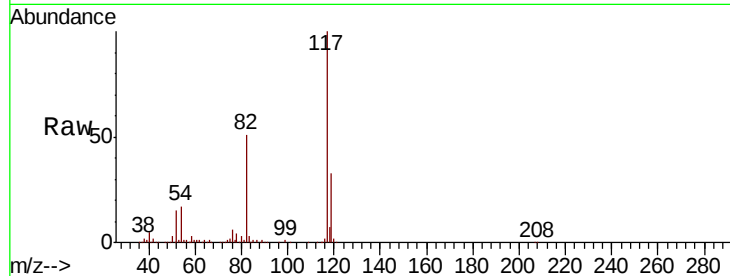




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002968.D
Acq: 22 Jun 2020 12:59

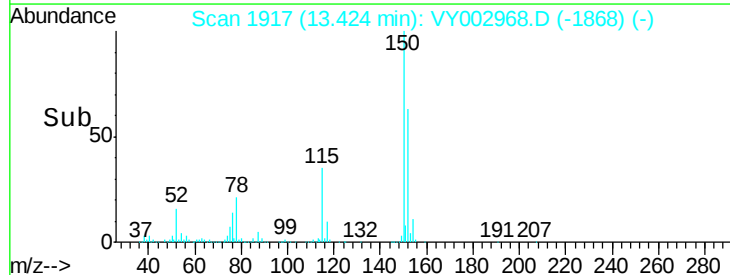
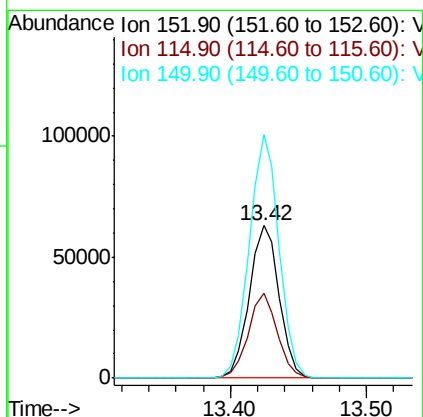
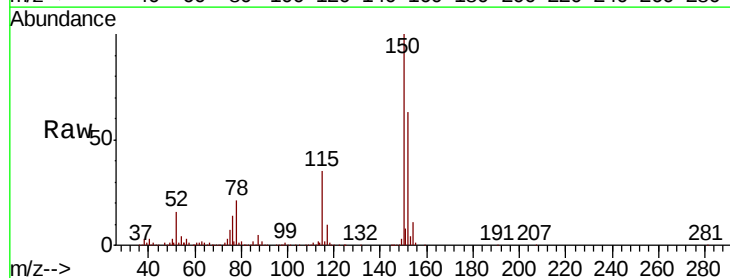
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-BOXRE

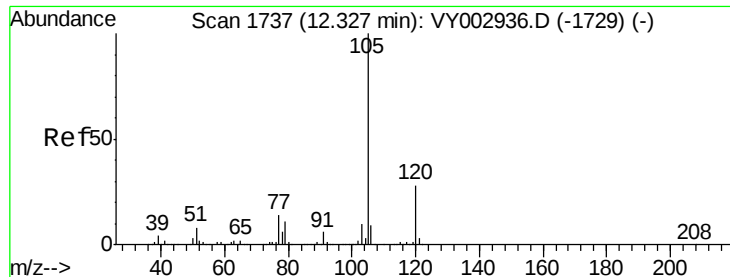
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	39.4	59.0
119	33.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002968.D
Acq: 22 Jun 2020 12:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.9	80.6
150	158.2	0.0	341.8





#73

Isopropylbenzene

Concen: 1.502 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002968.D

Acq: 22 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

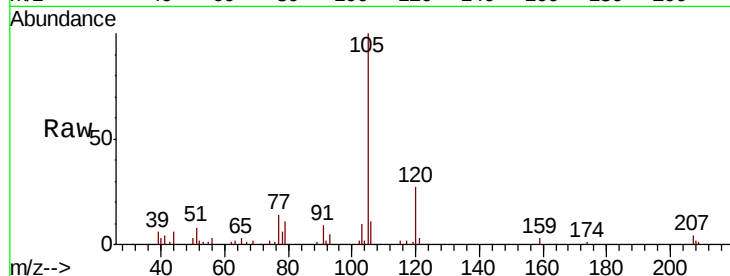
SLUDGE-BOXRE

Tot Ion:105 Resp: 8945

Ion Ratio Lower Upper

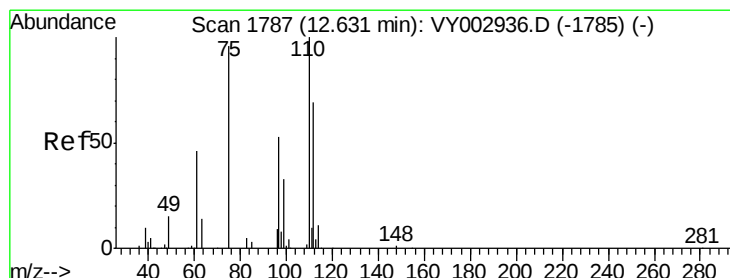
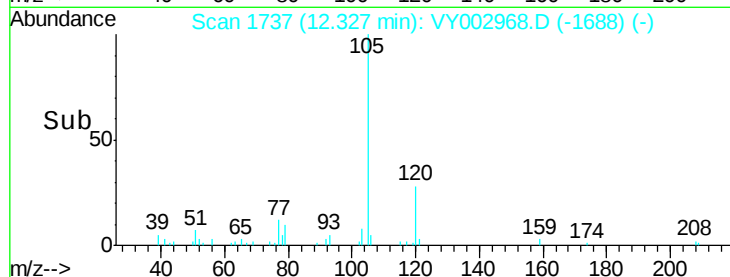
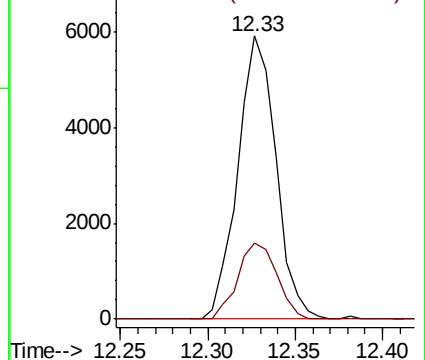
105 100

120 27.7 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 60.668 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002968.D

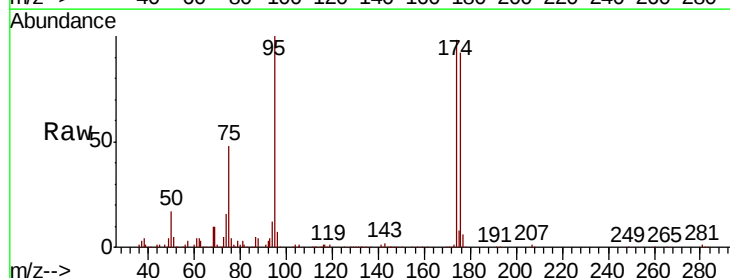
Acq: 22 Jun 2020 12:59

Tgt Ion: 75 Resp: 51334

Ion Ratio Lower Upper

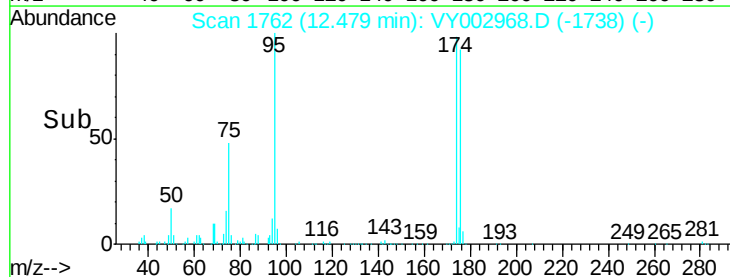
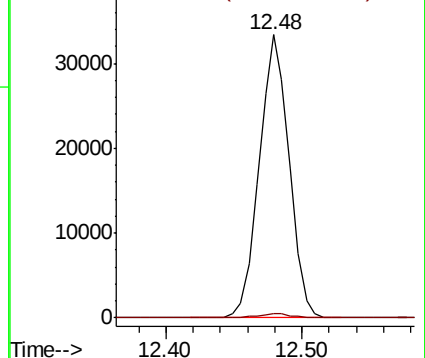
75 100

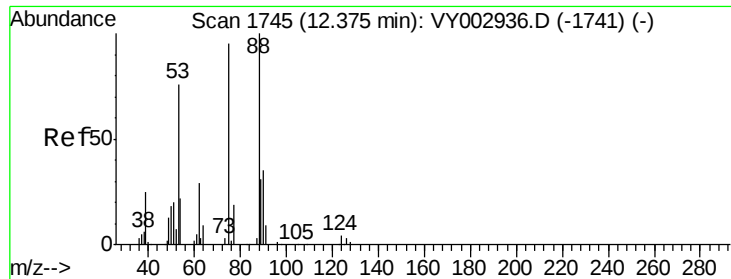
77 1.7 0.0 0.0#



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: 115.827 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002968.D

Acq: 22 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

SLUDGE-BOXRE

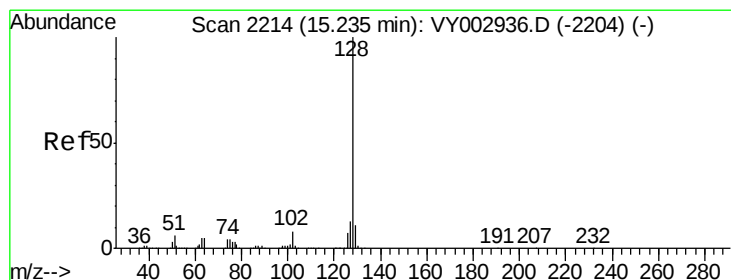
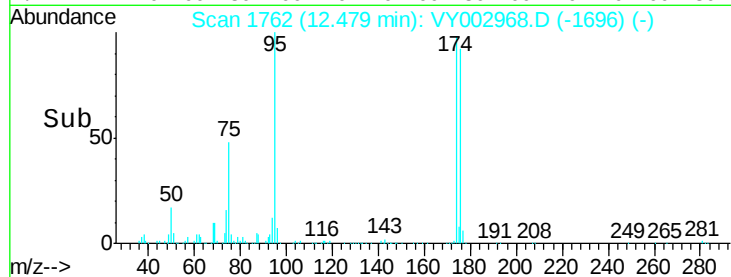
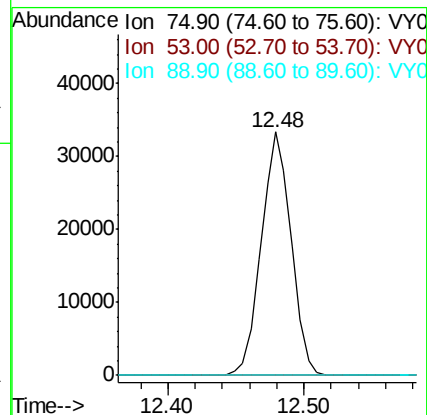
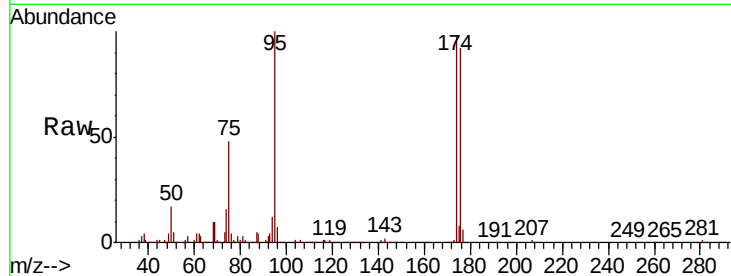
Tot Ion: 75 Resp: 51334

Ion Ratio Lower Upper

75 100

53 0.1 65.1 97.7#

89 0.0 38.4 57.6#



#95

Naphthalene

Concen: 1.201 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002968.D

Acq: 22 Jun 2020 12:59

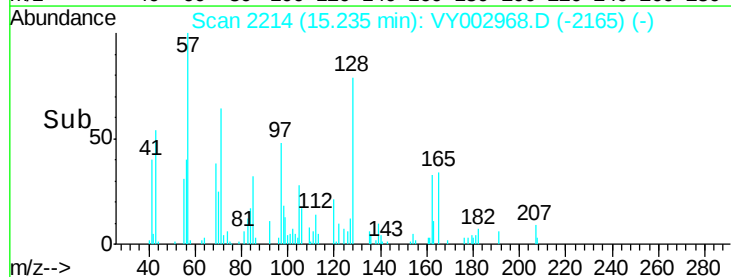
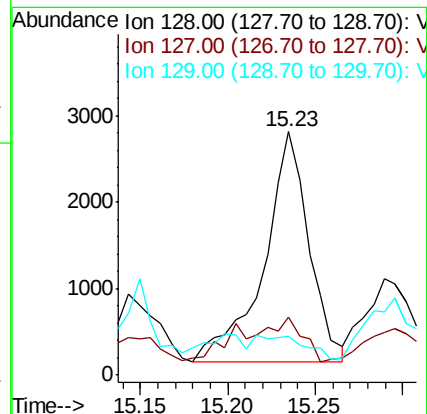
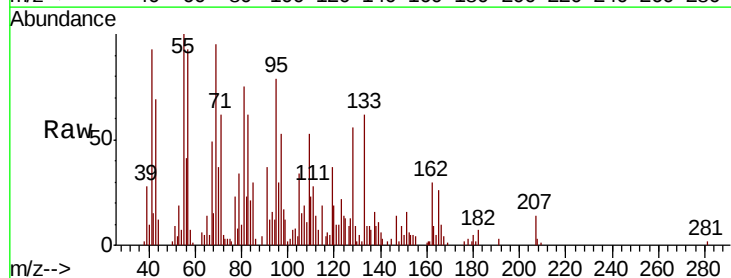
Tgt Ion: 128 Resp: 4803

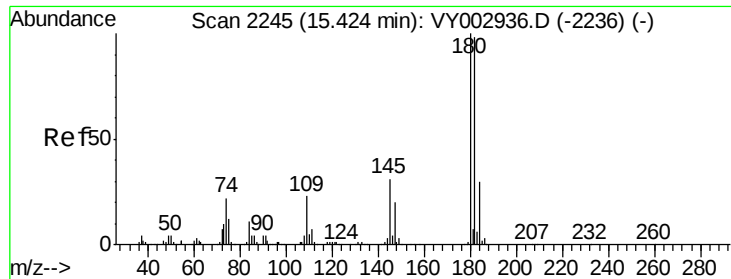
Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.3 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.364 ug/l
 RT: 15.44 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: VY002968.D
 Acq: 22 Jun 2020 12:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-BOXRE

Tot Ion:180 Resp: 2442
 Ion Ratio Lower Upper
 180 100
 182 37.1 47.8 143.3#
 145 0.0 15.0 45.0#

