

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
 Data File : VY002817.D
 Acq On : 02 Jun 2020 15:47
 Operator : SY/MD
 Sample : L2504-03
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INF-SLUDGE

Quant Time: Jun 03 05:11:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	216928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	346474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	150554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	26444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	111357	59.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.24%	
35) Dibromofluoromethane	7.72	113	126357	62.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.46%	
50) Toluene-d8	10.18	98	333562	40.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.26%	
62) 4-Bromofluorobenzene	12.48	95	32136	11.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.90%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.96	59	845	Below Cal	#	74
14) Allyl chloride	4.70	41	37791	14.278	ug/l #	57
16) Acetone	3.96	43	17917	40.567	ug/l #	87
18) Methyl Acetate	4.71	43	99501	90.568	ug/l #	48
20) Methylene Chloride	4.72	84	15857	7.347	ug/l #	87
21) trans-1,2-Dichloroethene	5.22	96	3987	1.921	ug/l #	76
25) 2-Butanone	6.99	43	10469	15.214	ug/l #	81
27) cis-1,2-Dichloroethene	6.99	96	7680	3.306	ug/l	90
29) Tetrahydrofuran	7.36	42	899	2.009	ug/l #	71
31) Cyclohexane	7.79	56	19580	6.129	ug/l #	82
36) 1,1-Dichloropropene	7.79	75	13380	4.584	ug/l #	49
37) Ethyl Acetate	6.99	43	10469	6.593	ug/l #	1
38) Carbon Tetrachloride	7.80	117	18725	5.775	ug/l #	16
39) Methylcyclohexane	9.18	83	11035	2.868	ug/l #	84
40) Benzene	8.16	78	263308	30.532	ug/l	98
43) Isopropyl Acetate	8.33	43	126511	42.042	ug/l #	50
44) Trichloroethene	8.94	130	11519	4.229	ug/l	98
48) Methyl methacrylate	9.32	41	17913	13.187	ug/l #	26
51) 4-Methyl-2-Pentanone	10.11	43	17279	10.844	ug/l #	80
52) Toluene	10.25	92	28791	5.103	ug/l	98
55) 1,1,2-Trichloroethane	10.62	97	2687	1.429	ug/l #	22
58) 2-Chloroethyl Vinyl ether	9.75	63	1366	1.110	ug/l #	43
59) 2-Hexanone	10.69	43	9627	8.515	ug/l	66
60) Dibromochloromethane	10.72	129	8835	3.706	ug/l #	11
64) Tetrachloroethene	10.72	164	10070	7.359	ug/l	95
67) Ethyl Benzene	11.60	91	57488	11.144	ug/l	98
68) m/p-Xylenes	11.70	106	26995	13.497	ug/l	99
69) o-Xylene	12.03	106	21175	11.214	ug/l	96
73) Isopropylbenzene	12.33	105	40557	23.933	ug/l	98
74) N-amyl acetate	12.12	43	16350	37.602	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.54	83	3853	12.958	ug/l #	25
76) 1,2,3-Trichloropropane	12.67	75	483	2.027	ug/l #	100
78) n-propylbenzene	12.67	91	51461	26.289	ug/l	99
79) 2-Chlorotoluene	12.75	91	16364	14.903	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

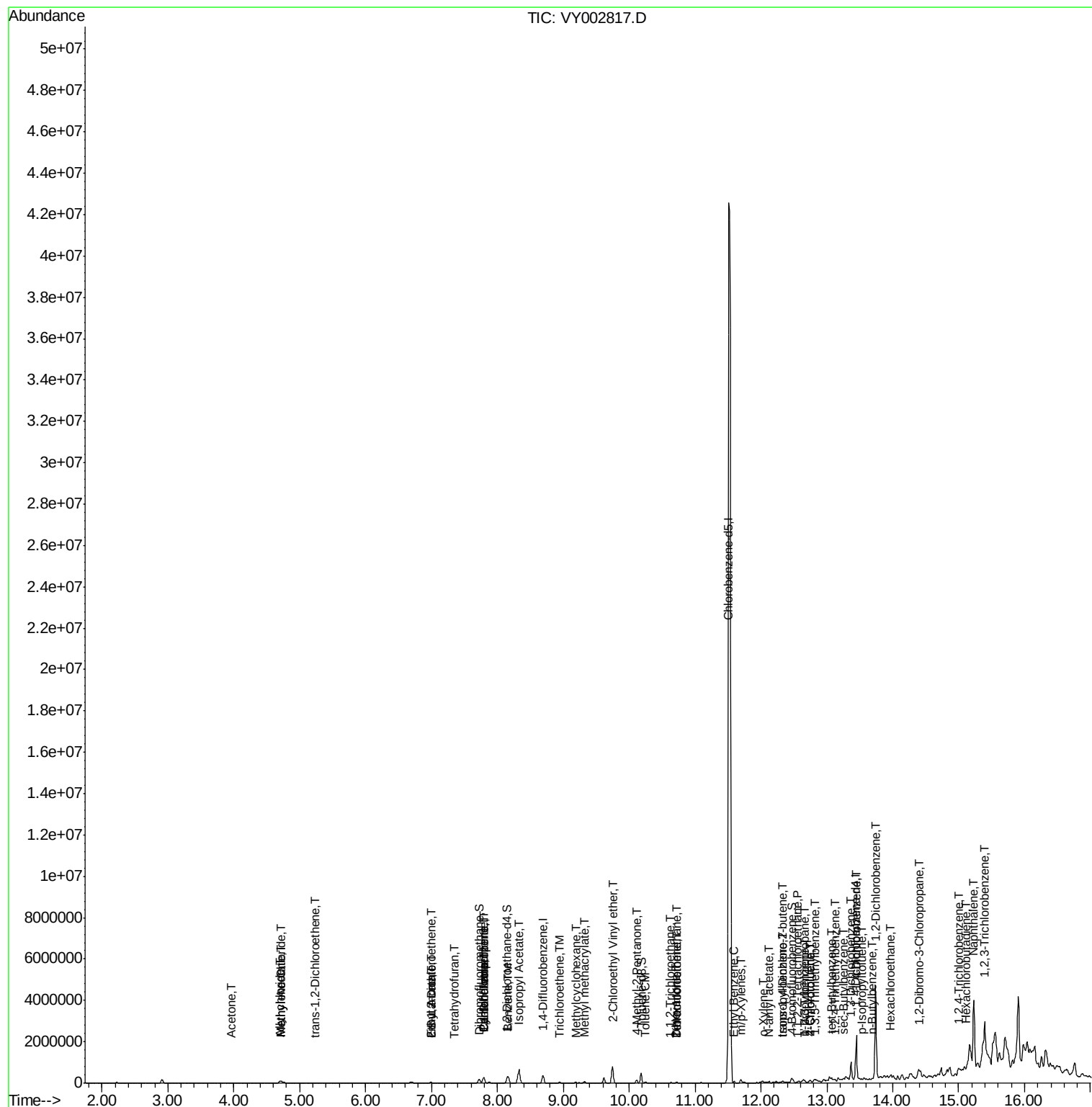
80) 1,3,5-Trimethylbenzene	12.81	105	9633	6.808	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.33	75	496	3.922	ug/l #	21
82) 4-Chlorotoluene	12.75	91	16164	14.050	ug/l	90
83) tert-Butylbenzene	13.08	119	15594	12.355	ug/l	90
84) 1,2,4-Trimethylbenzene	13.12	105	19739	13.874	ug/l	99
85) sec-Butylbenzene	13.25	105	29047	16.832	ug/l #	54
86) p-Isopropyltoluene	13.53	119	24924	15.521	ug/l	94
87) 1,3-Dichlorobenzene	13.37	146	378271	452.566	ug/l	97
88) 1,4-Dichlorobenzene	13.45	146	916403	1096.020	ug/l	99
89) n-Butylbenzene	13.70	91	7457	5.115	ug/l #	73
90) Hexachloroethane	13.97	117	1987	6.610	ug/l #	6
91) 1,2-Dichlorobenzene	13.74	146	1796928	2370.551	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.40	75	399	6.975	ug/l #	29
93) 1,2,4-Trichlorobenzene	15.01	180	4453	7.794	ug/l #	3
94) Hexachlorobutadiene	15.11	225	437	1.349	ug/l	88
95) Naphthalene	15.23	128	19153	16.719	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.40	180	4285	8.398	ug/l #	1

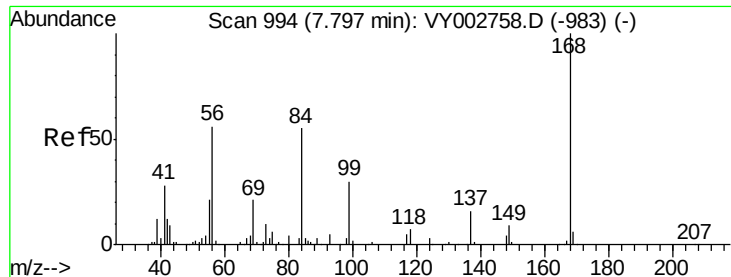
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

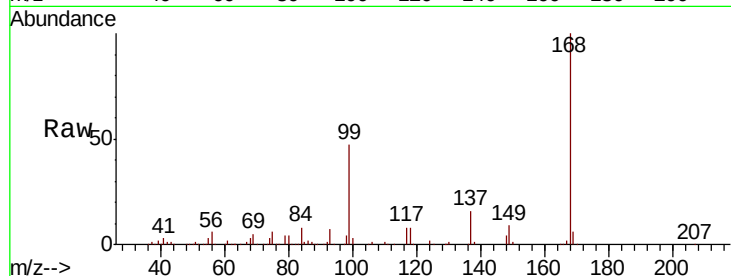
INF-SLUDGE

Tot Ion:168 Resp: 216928

Ion Ratio Lower Upper

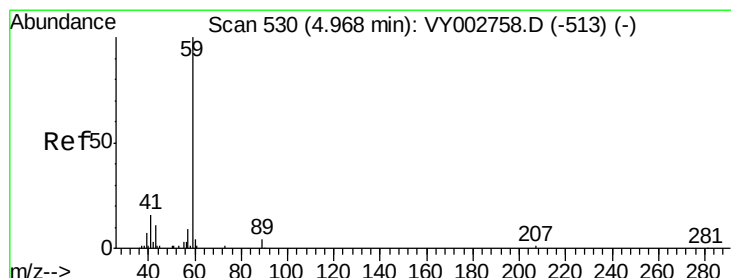
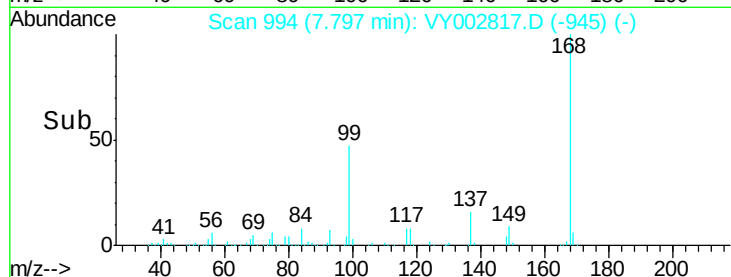
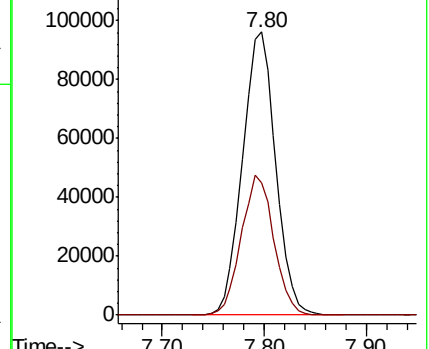
168 100

99 46.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002817.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002817.D (-945) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY002817.D

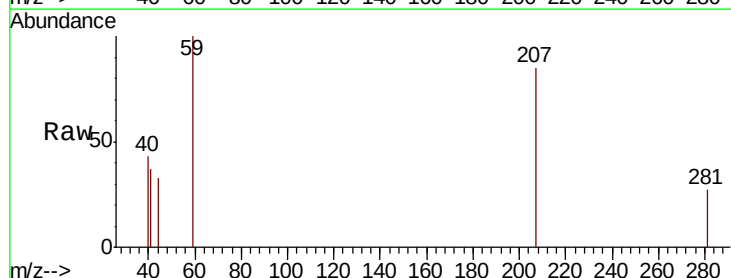
Acq: 02 Jun 2020 15:47

Tgt Ion: 59 Resp: 845

Ion Ratio Lower Upper

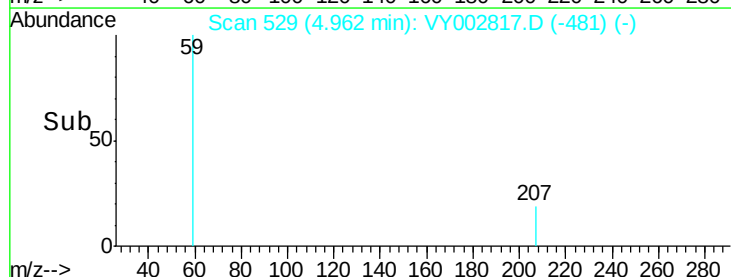
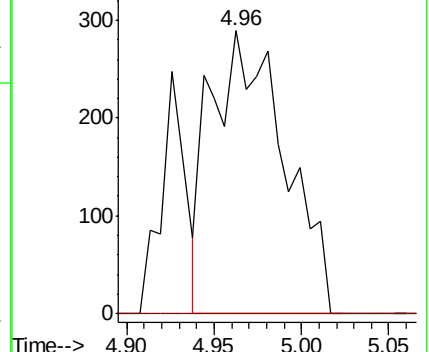
59 100

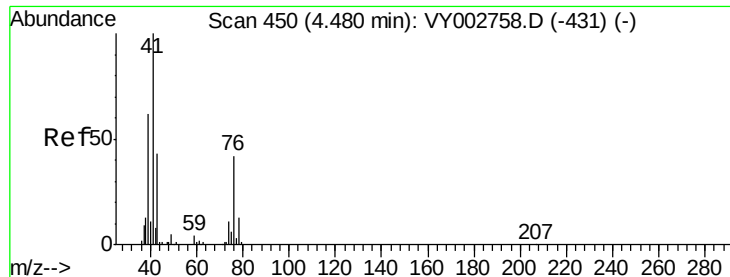
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002817.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY002817.D (-481) (-)

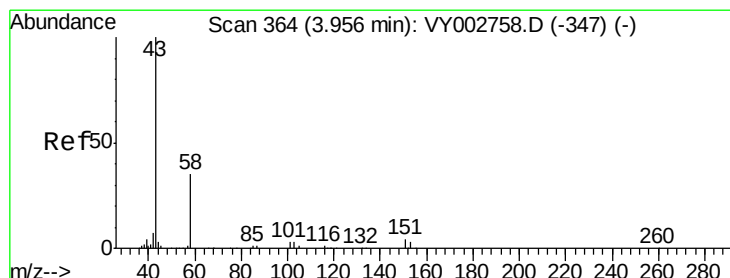
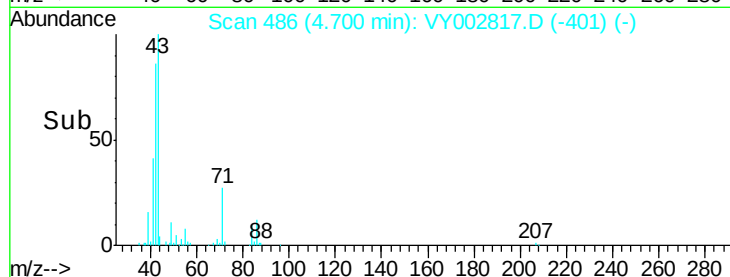
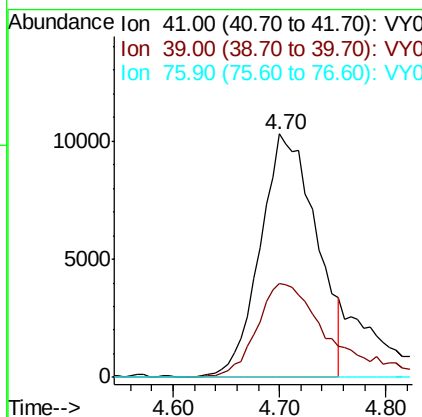
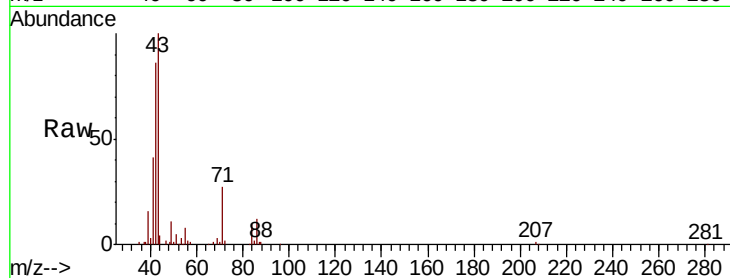




#14
Allvl chloride
Concen: 14.278 ug/l
RT: 4.70 min Scan# 486
Delta R.T. 0.22 min
Lab File: VY002817.D
Acq: 02 Jun 2020 15:47

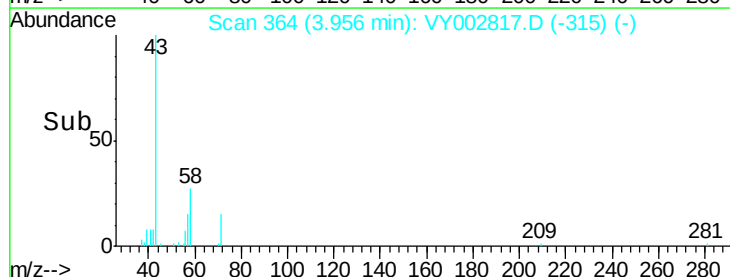
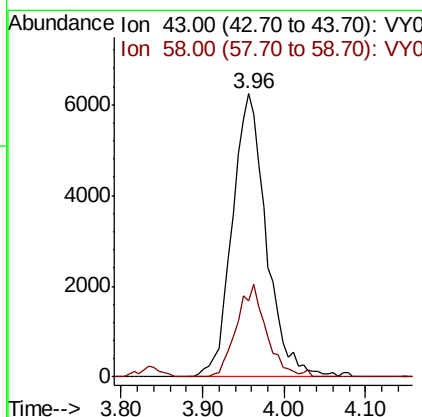
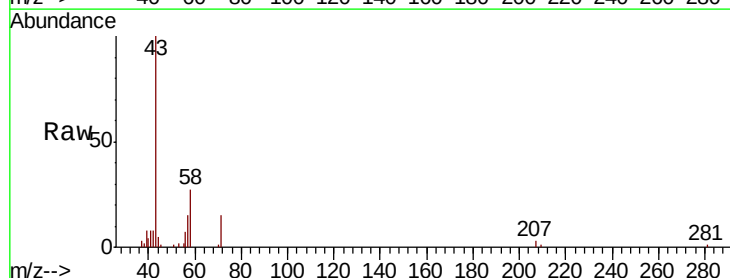
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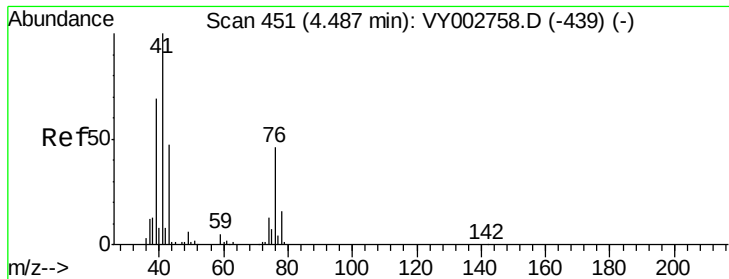
Tot Ion: 41 Resp: 37791
Ion Ratio Lower Upper
41 100
39 40.8 49.9 74.9#
76 0.0 33.2 49.8#



#16
Acetone
Concen: 40.567 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.00 min
Lab File: VY002817.D
Acq: 02 Jun 2020 15:47

Tgt Ion: 43 Resp: 17917
Ion Ratio Lower Upper
43 100
58 26.9 27.7 41.5#

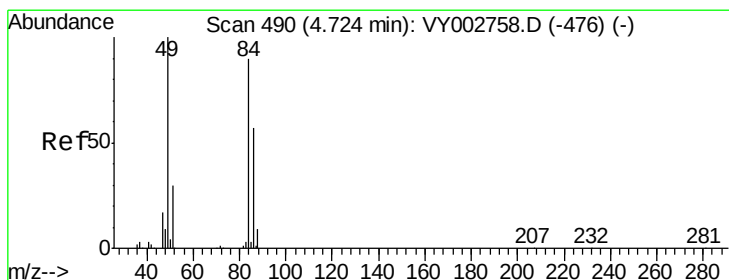
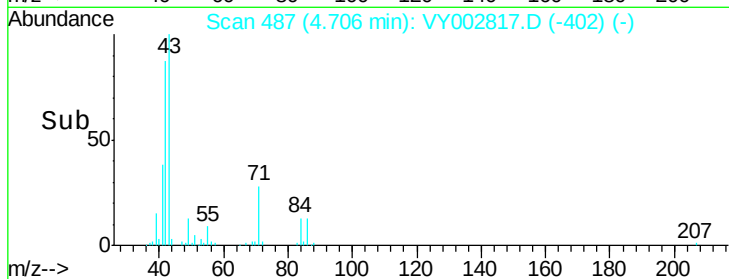
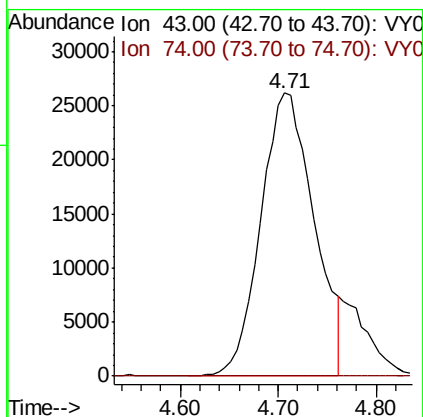
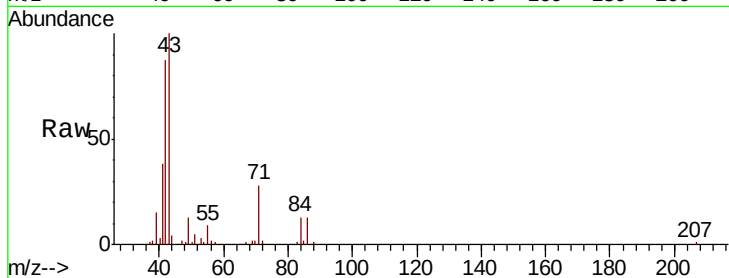




#18
Methyl Acetate
Concen: 90.568 ug/l
RT: 4.71 min Scan# 487
Delta R.T. 0.22 min
Lab File: VY002817.D
Acq: 02 Jun 2020 15:47

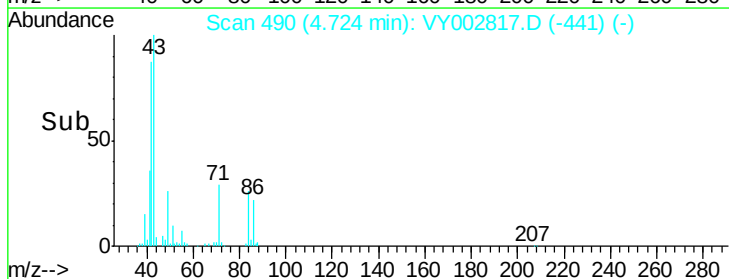
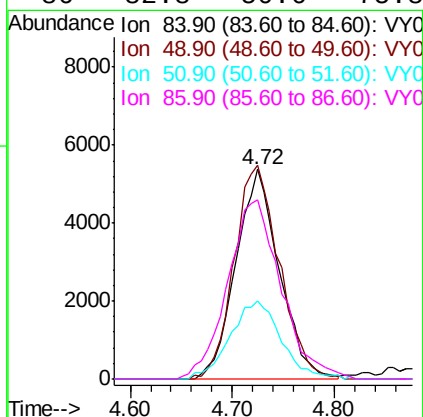
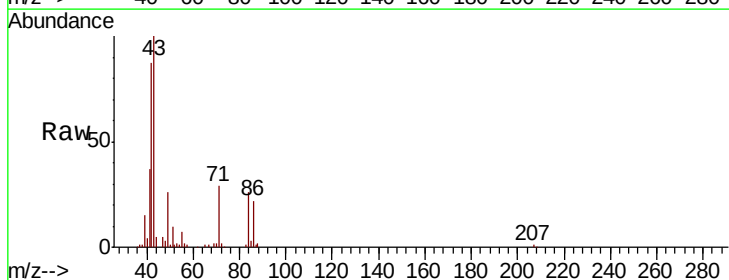
Instrument :
MSVOA_Y
ClientSampleId :
INF-SLUDGE

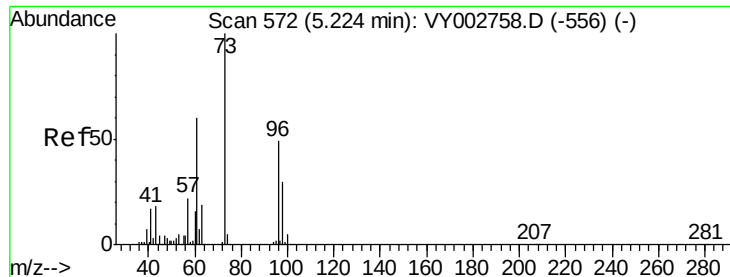
Tot Ion: 43 Resp: 99501
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#



#20
Methylene Chloride
Concen: 7.347 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002817.D
Acq: 02 Jun 2020 15:47

Tgt Ion: 84 Resp: 15857
Ion Ratio Lower Upper
84 100
49 101.9 88.5 132.7
51 37.2 26.8 40.2
86 82.8 50.6 75.8#





#21

trans-1,2-Dichloroethene

Concen: 1.921 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

INF-SLUDGE

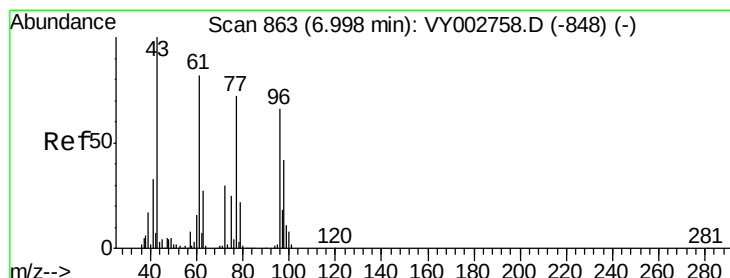
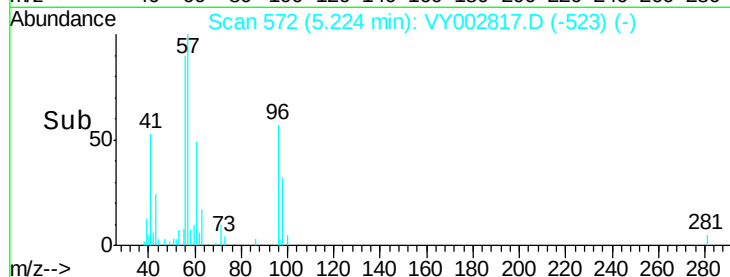
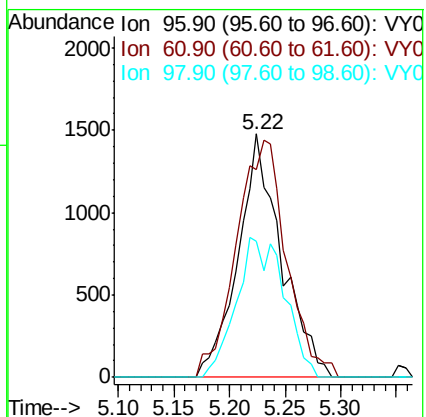
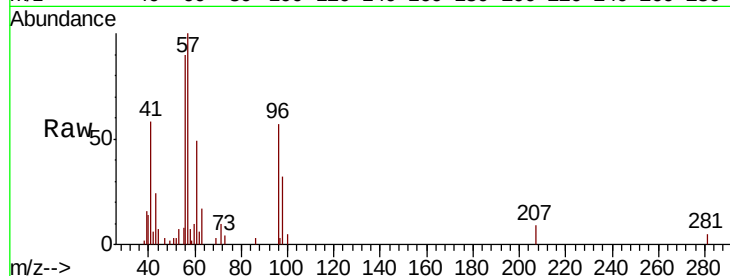
Tot Ion: 96 Resp: 3987

Ion Ratio Lower Upper

96 100

61 85.3 96.8 145.2#

98 56.0 49.4 74.0



#25

2-Butanone

Concen: 15.214 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002817.D

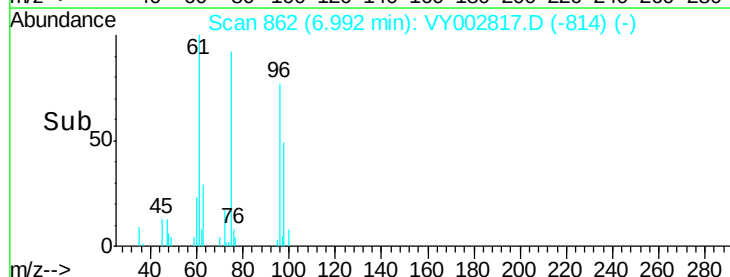
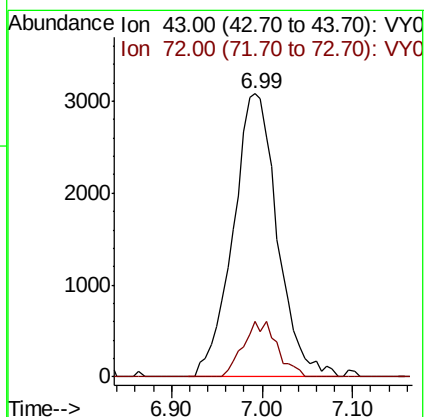
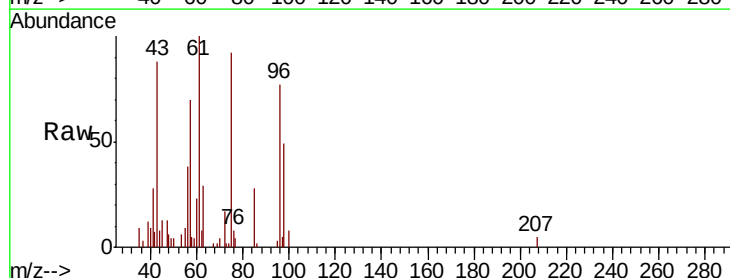
Acq: 02 Jun 2020 15:47

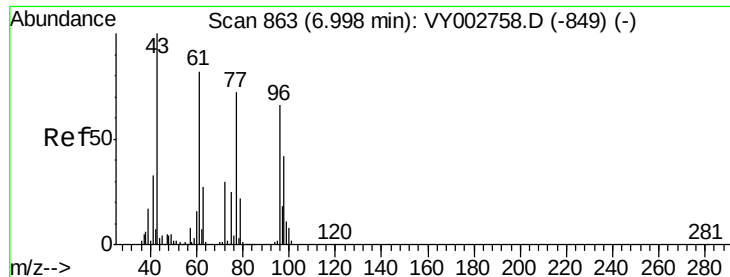
Tgt Ion: 43 Resp: 10469

Ion Ratio Lower Upper

43 100

72 19.7 23.9 35.9#



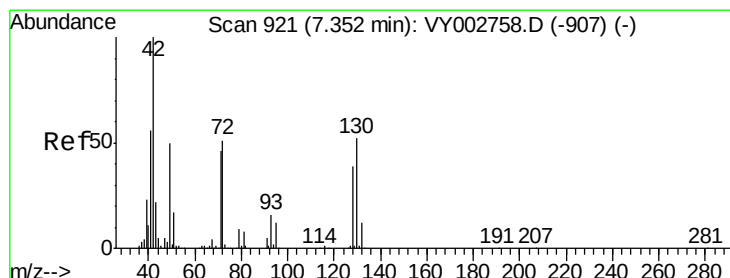
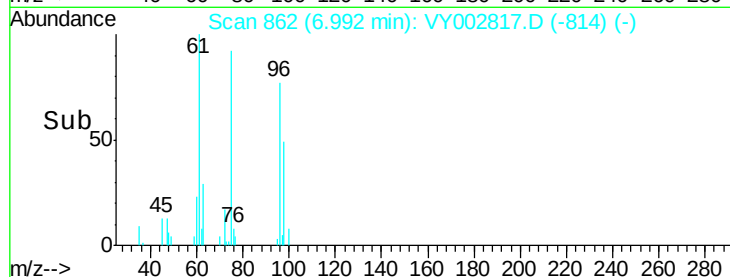
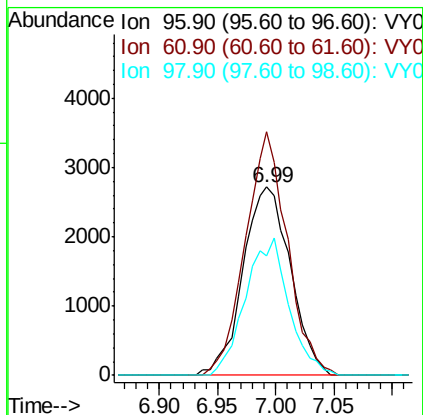
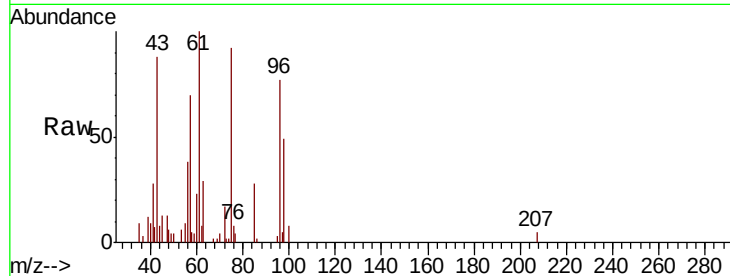


#27

cis-1,2-Dichloroethene
 Concen: 3.306 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002817.D
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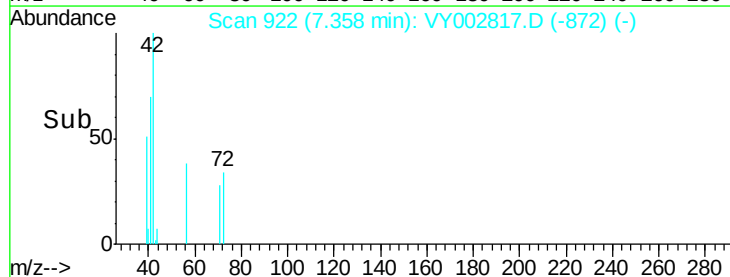
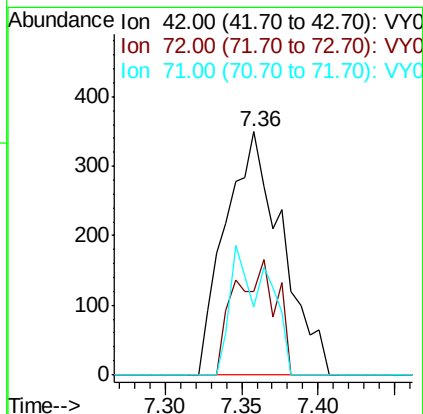
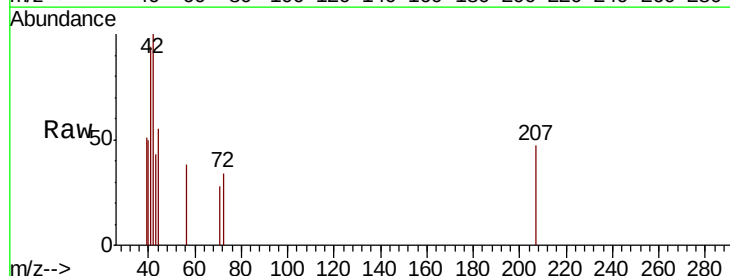
Tot Ion: 96 Resp: 7680
 Ion Ratio Lower Upper
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 61 114.5 0.0 260.2
 98 67.0 0.0 128.2

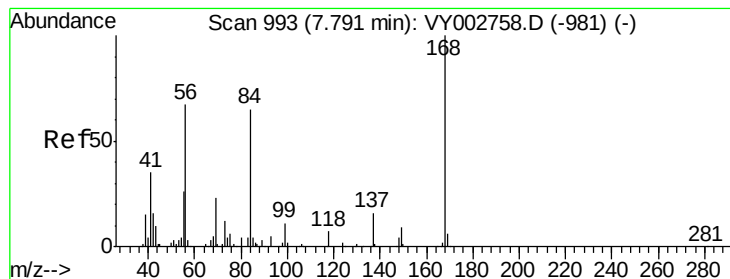


#29

Tetrahydrofuran
 Concen: 2.009 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002817.D
 Acq: 02 Jun 2020 15:47

Tgt Ion: 42 Resp: 899
 Ion Ratio Lower Upper
 42 100
 72 34.6 38.6 58.0#
 71 19.7 35.8 53.8#





#31

Cyclohexane

Concen: 6.129 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

INF-SLUDGE

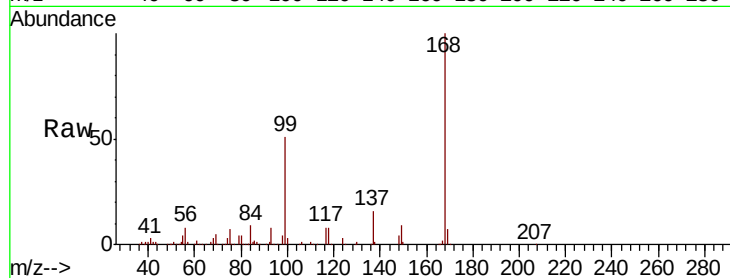
Tot Ion: 56 Resp: 19580

Ion Ratio Lower Upper

56 100

69 57.1 28.0 42.0#

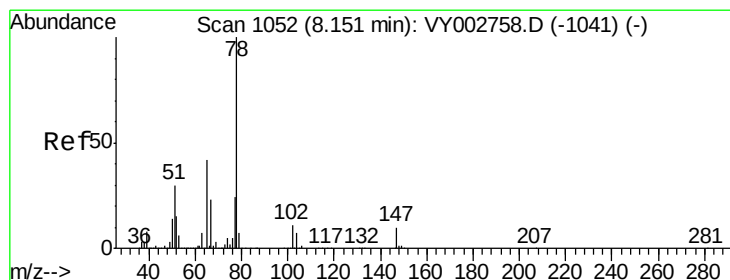
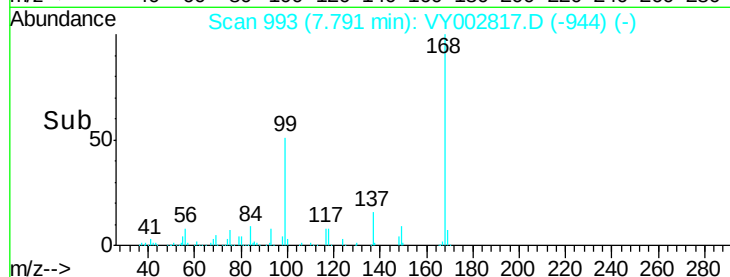
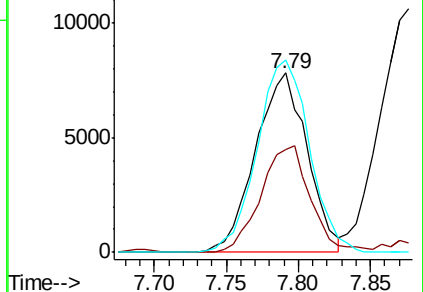
84 107.1 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY002817.D (-944) (-)

Ion 69.00 (68.70 to 69.70): VY002817.D (-944) (-)

Ion 84.00 (83.70 to 84.70): VY002817.D (-944) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.121 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002817.D

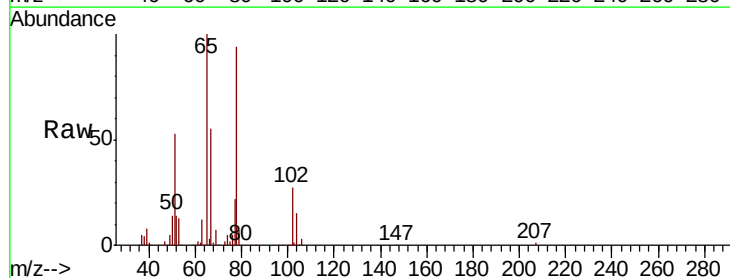
Acq: 02 Jun 2020 15:47

Tgt Ion: 65 Resp: 111357

Ion Ratio Lower Upper

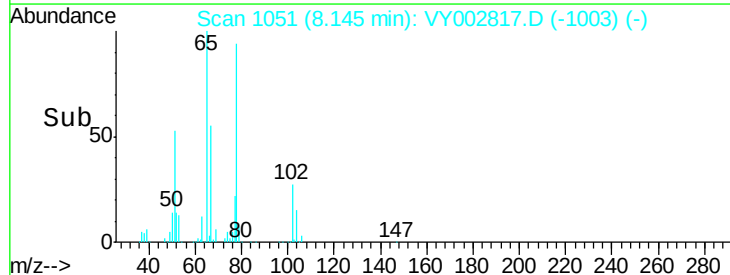
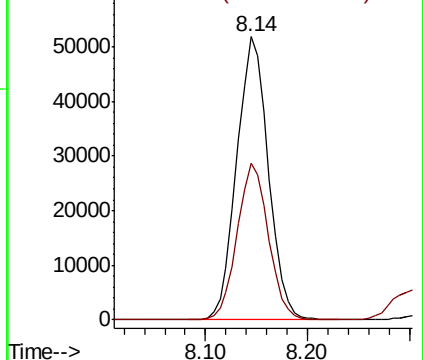
65 100

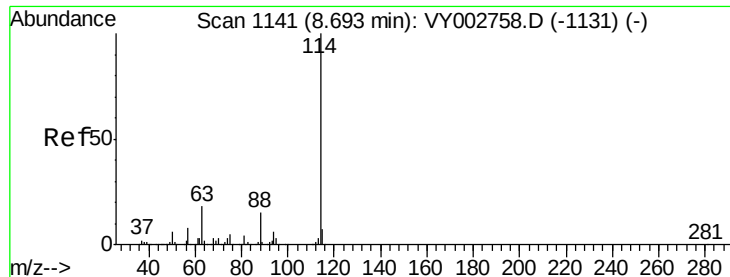
67 54.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002817.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002817.D (-1003) (-)

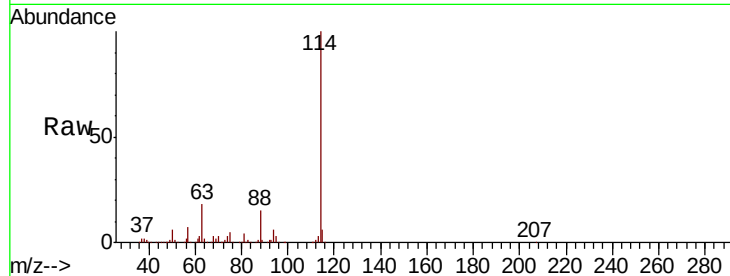




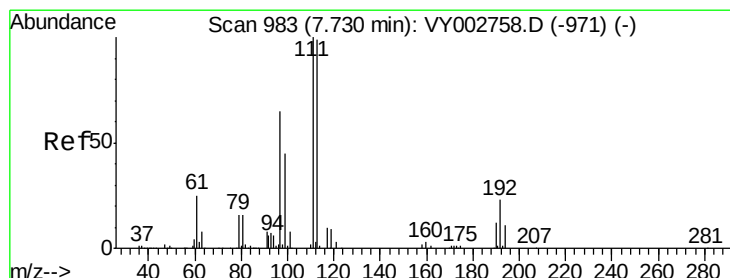
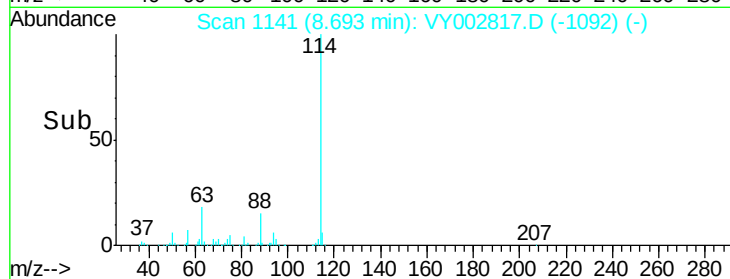
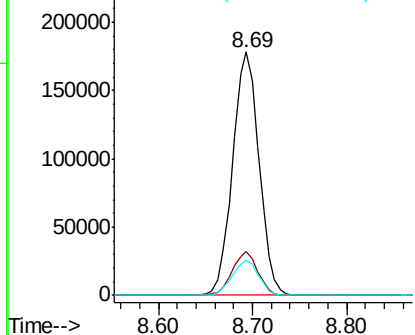
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002817.D
 Acq: 02 Jun 2020 15:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 INF-SLUDGE

Tot Ion:114 Resp: 346474
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.2
 88 14.6 0.0 29.2

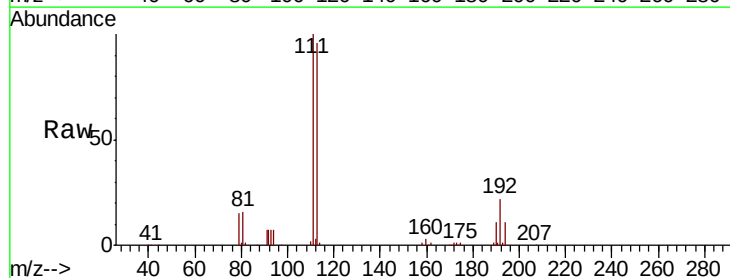


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

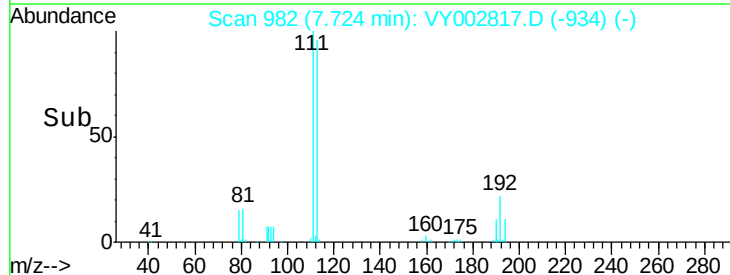
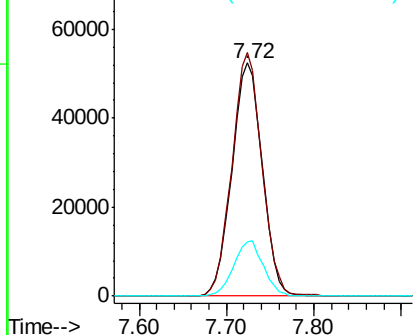


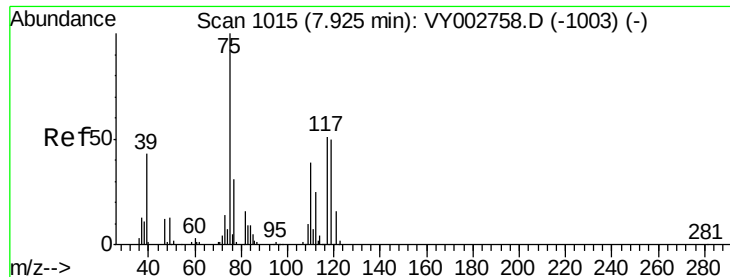
#35
 Dibromofluoromethane
 Concen: 62.229 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002817.D
 Acq: 02 Jun 2020 15:47

Tgt Ion:113 Resp: 126357
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.0 123.0
 192 23.2 18.9 28.3



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

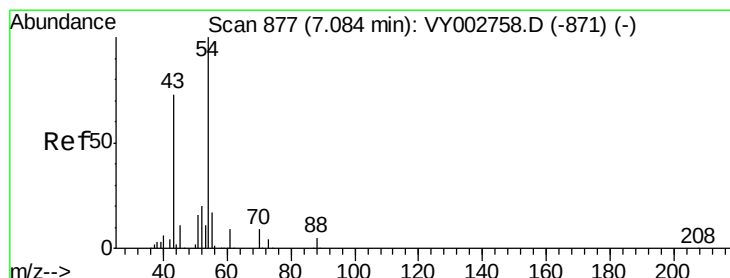
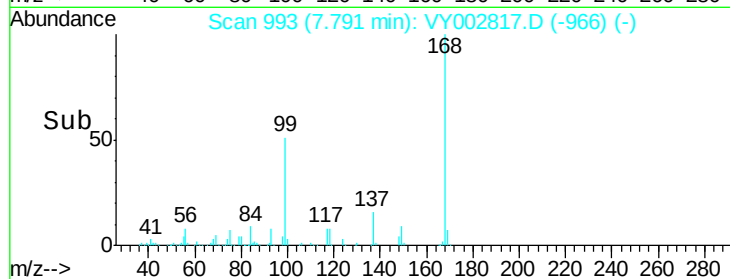
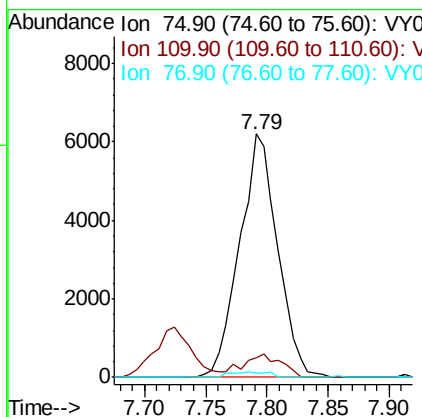
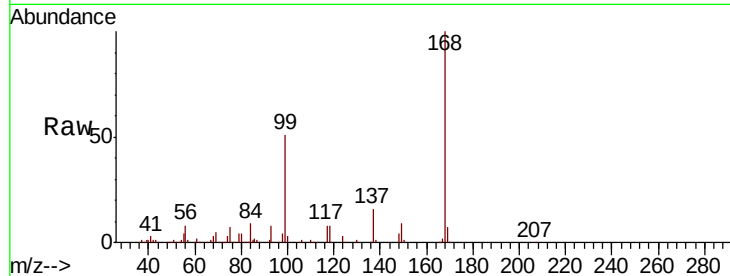




#36
 1,1-Dichloropropene
 Concen: 4.584 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002817.D
 Acq: 02 Jun 2020 15:47

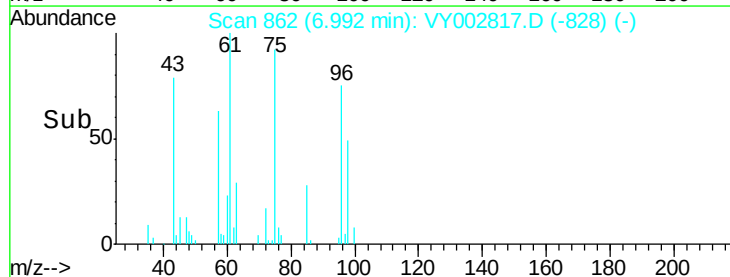
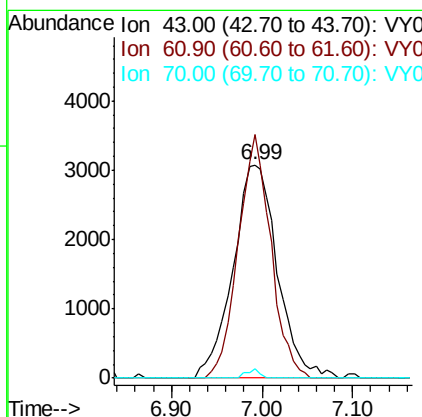
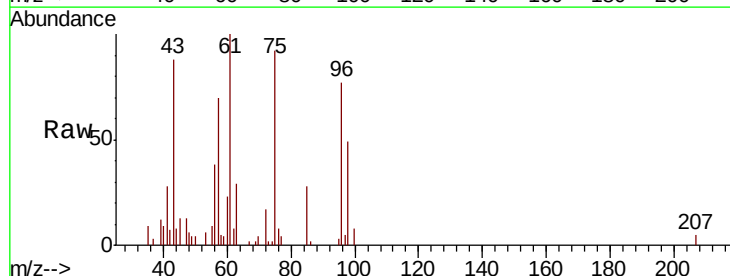
Instrument :
 MSVOA_Y
 ClientSampleId :
 INF-SLUDGE

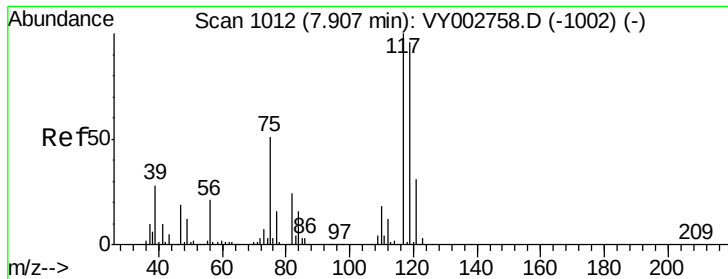
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.3	57.9#
77	0.0	24.8	37.2#



#37
 Ethyl Acetate
 Concen: 6.593 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.09 min
 Lab File: VY002817.D
 Acq: 02 Jun 2020 15:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	84.0	11.9	17.9#
70	1.2	9.1	13.7#

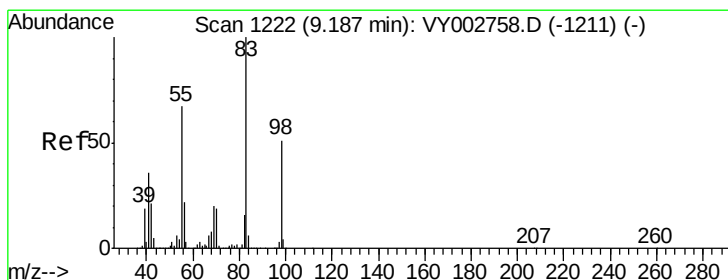
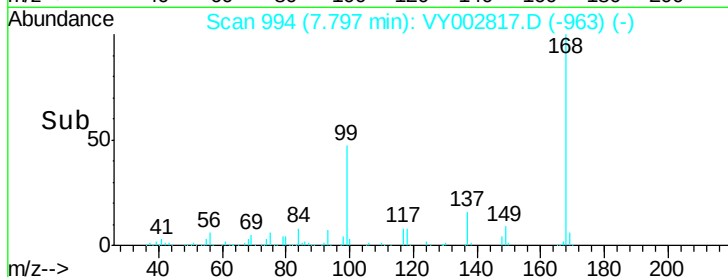
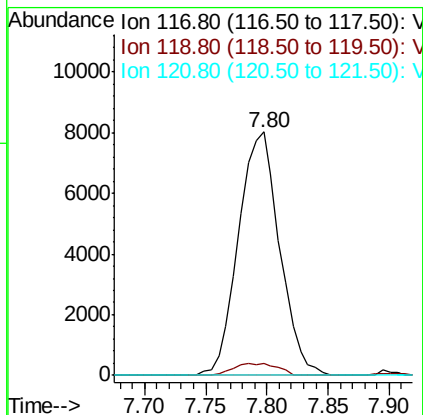
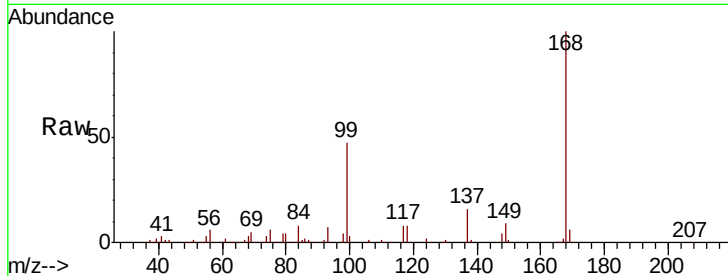




#38
Carbon Tetrachloride
Concen: 5.775 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY002817.D
Acq: 02 Jun 2020 15:47

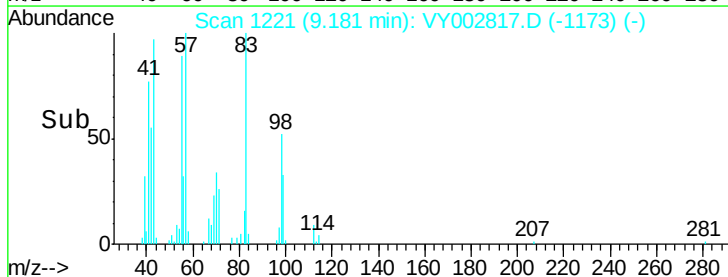
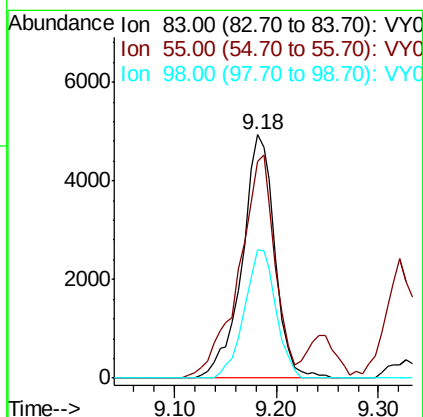
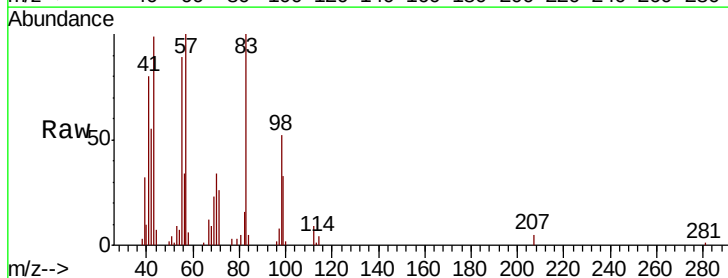
Instrument :
MSVOA_Y
ClientSampled :
INF-SLUDGE

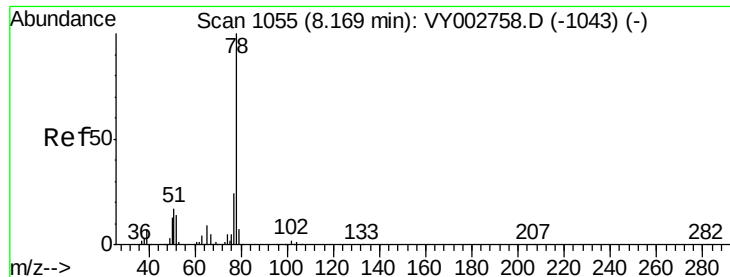
Tot Ion:117 Resp: 18725
Ion Ratio Lower Upper
117 100
119 4.9 76.8 115.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 2.868 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002817.D
Acq: 02 Jun 2020 15:47

Tgt Ion: 83 Resp: 11035
Ion Ratio Lower Upper
83 100
55 87.6 53.3 79.9#
98 52.5 41.1 61.7





#40

Benzene

Concen: 30.532 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

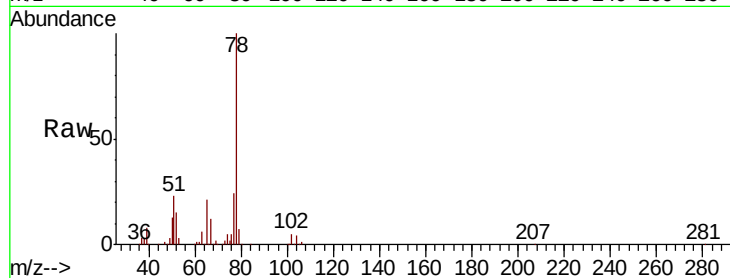
INF-SLUDGE

Tot Ion: 78 Resp: 263308

Ion Ratio Lower Upper

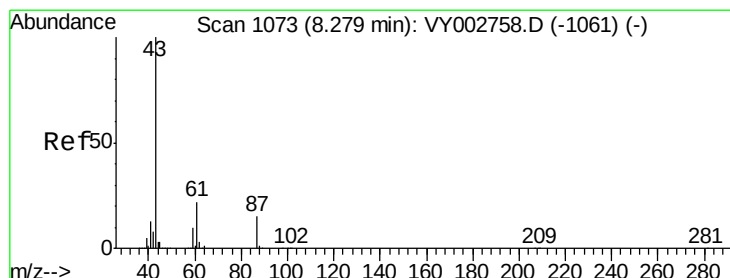
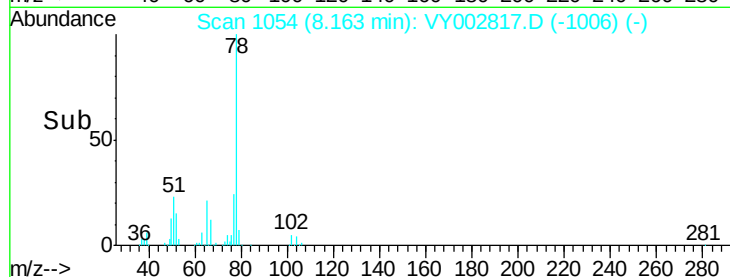
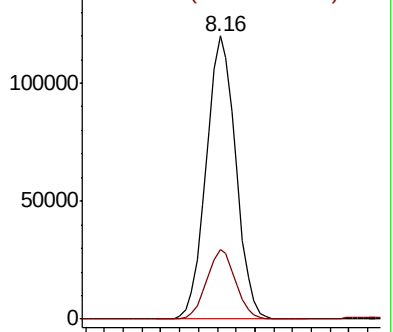
78 100

77 24.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#43

Isopropyl Acetate

Concen: 42.042 ug/l

RT: 8.33 min Scan# 1081

Delta R.T. 0.05 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

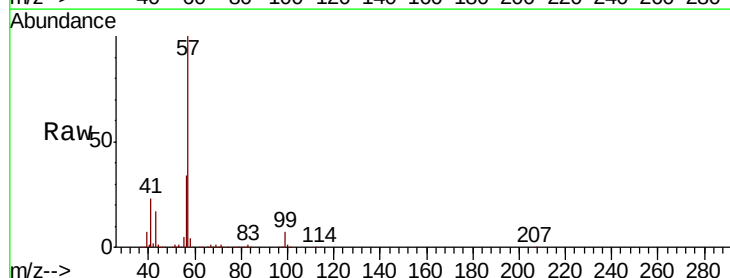
Tgt Ion: 43 Resp: 126511

Ion Ratio Lower Upper

43 100

61 0.0 24.8 37.2#

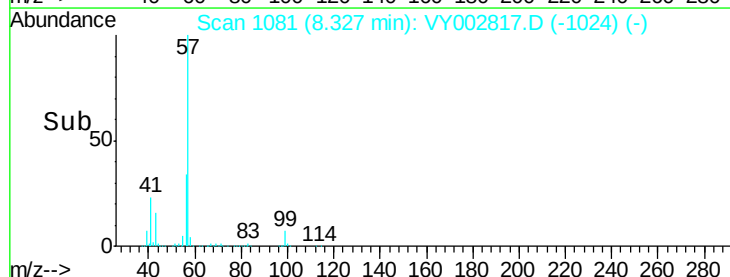
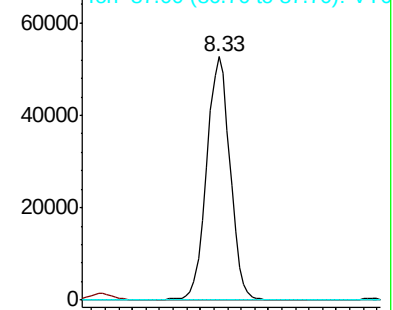
87 0.0 12.4 18.6#

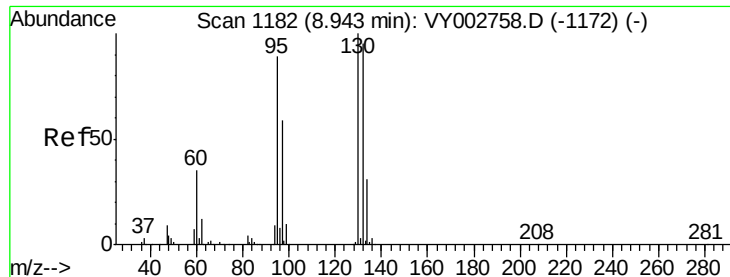


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0





#44

Trichloroethene

Concen: 4.229 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

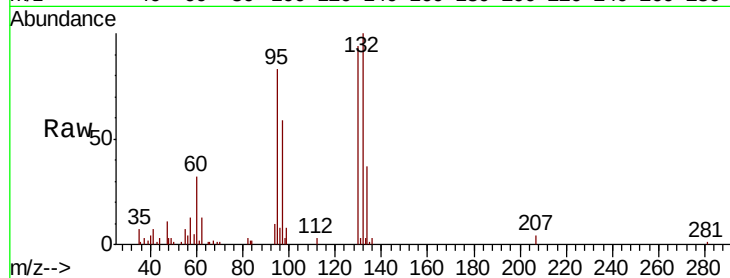
INF-SLUDGE

Tot Ion:130 Resp: 11519

Ion Ratio Lower Upper

130 100

95 87.9 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002817.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY002817.D (-1172) (-)

8.94

6000

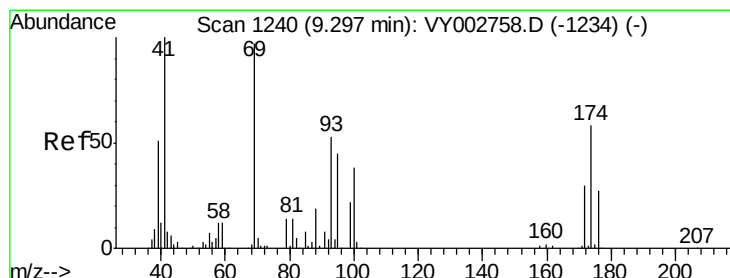
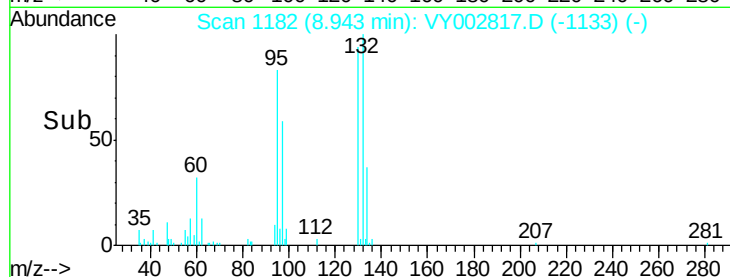
4000

2000

0

8.85 8.90 8.95 9.00

Time-->



#48

Methyl methacrylate

Concen: 13.187 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.02 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

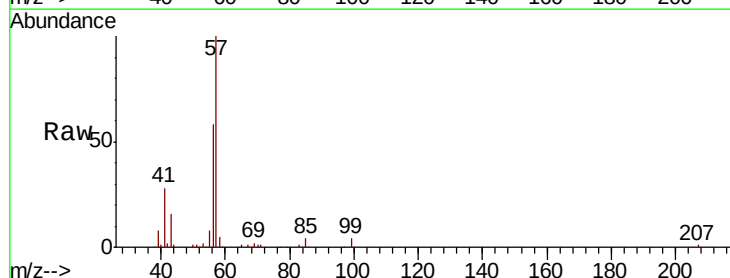
Tgt Ion: 41 Resp: 17913

Ion Ratio Lower Upper

41 100

69 9.0 79.7 119.5#

39 23.5 43.3 64.9#



Abundance Ion 41.00 (40.70 to 41.70): VY002817.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY002817.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY002817.D (-1191) (-)

9.32

10000

8000

6000

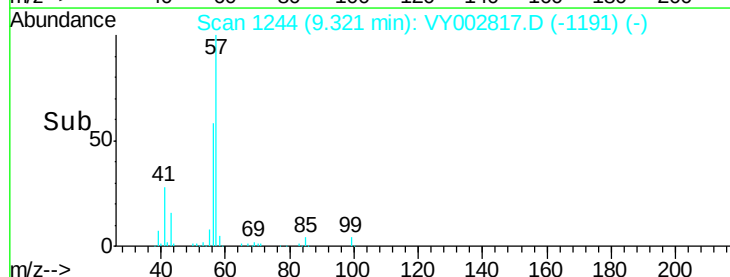
4000

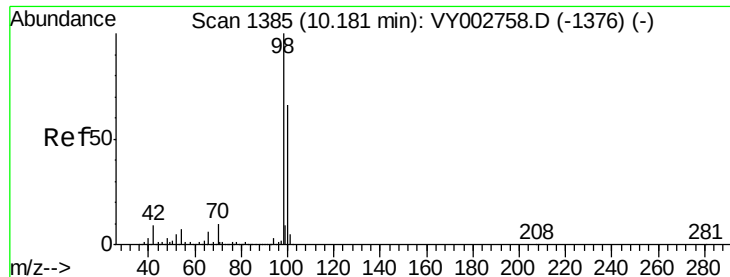
2000

0

9.30 9.40

Time-->





#50

Toluene-d8

Concen: 40.629 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

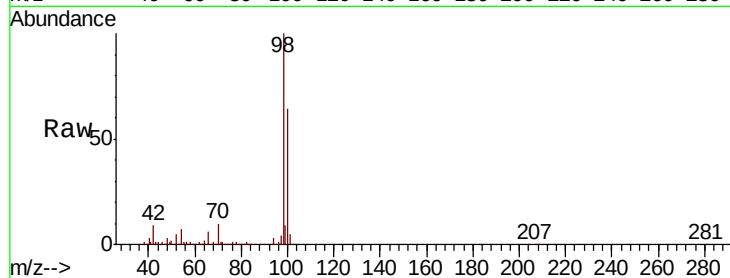
INF-SLUDGE

Tot Ion: 98 Resp: 333562

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

200000

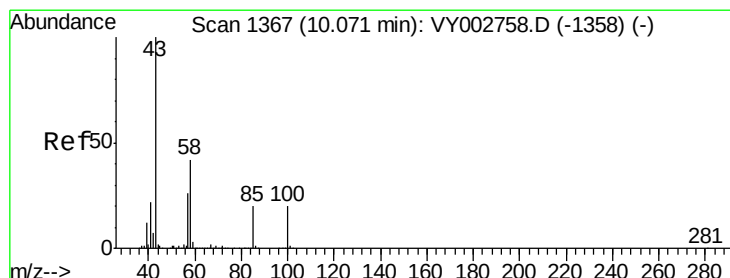
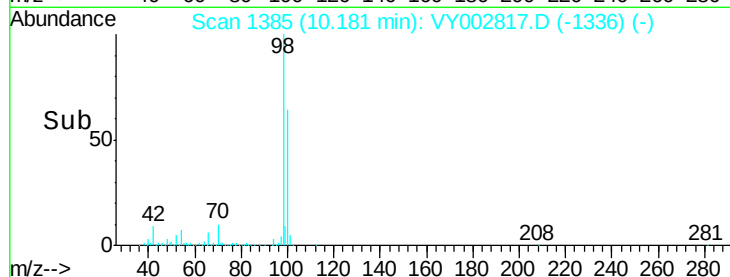
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 10.844 ug/l

RT: 10.11 min Scan# 1374

Delta R.T. 0.04 min

Lab File: VY002817.D

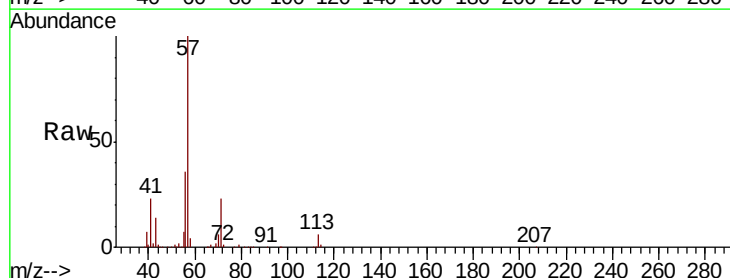
Acq: 02 Jun 2020 15:47

Tgt Ion: 43 Resp: 17279

Ion Ratio Lower Upper

43 100

58 29.8 34.2 51.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.11

10000

8000

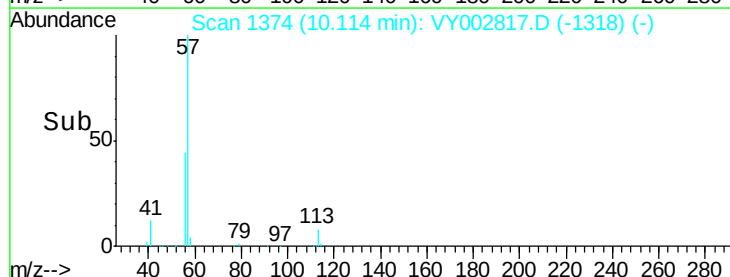
6000

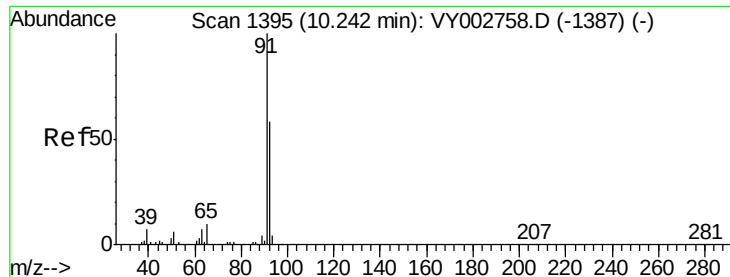
4000

2000

0

Time-->





#52

Toluene

Concen: 5.103 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

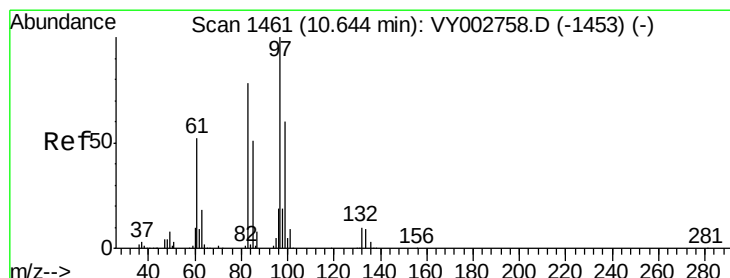
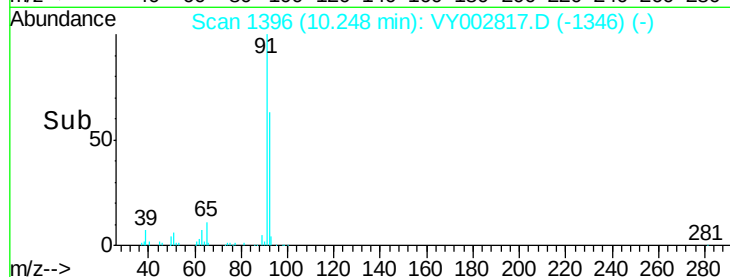
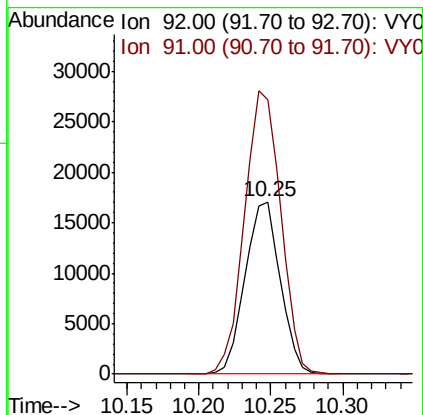
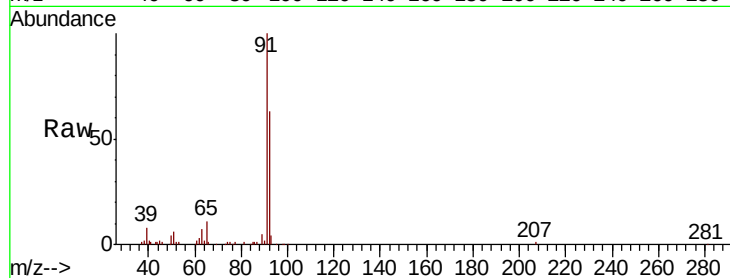
INF-SLUDGE

Tot Ion: 92 Resp: 28791

Ion Ratio Lower Upper

92 100

91 170.0 138.5 207.7



#55

1,1,2-Trichloroethane

Concen: 1.429 ug/l

RT: 10.62 min Scan# 1457

Delta R.T. -0.02 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Tgt Ion: 97 Resp: 2687

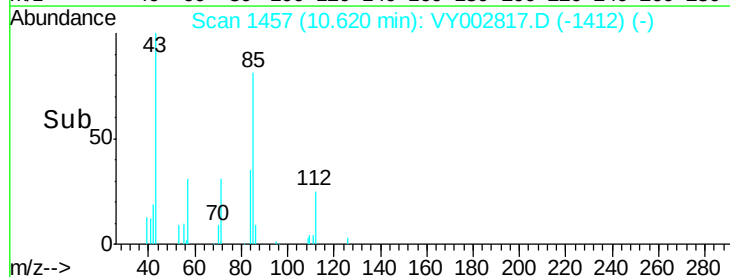
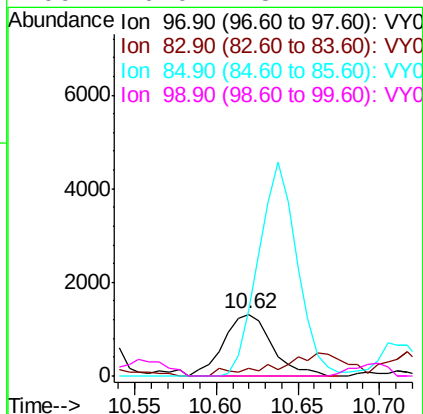
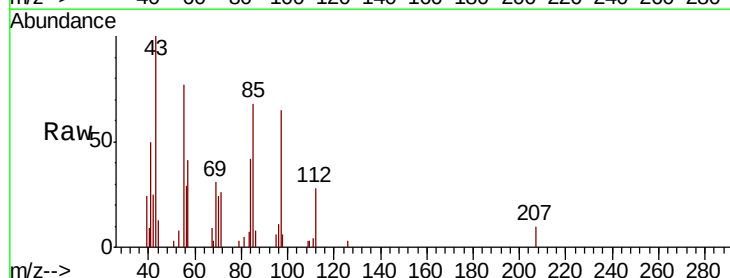
Ion Ratio Lower Upper

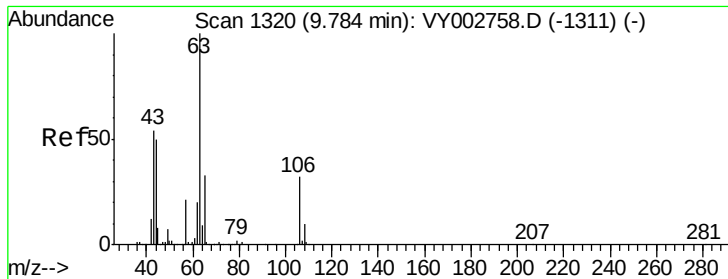
97 100

83 11.4 62.7 94.1#

85 105.1 40.6 60.8#

99 0.0 48.2 72.4#

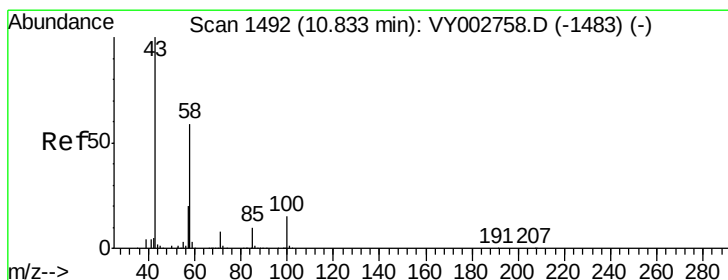
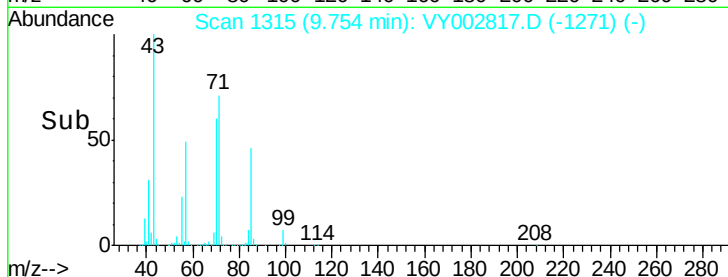
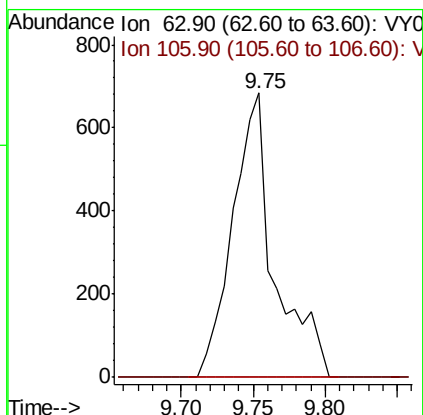
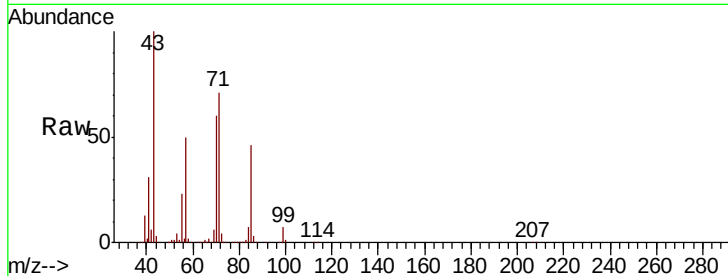




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.110 ug/l
 RT: 9.75 min Scan# 1315
 Delta R.T. -0.03 min
 Lab File: VY002817.D
 Acq: 02 Jun 2020 15:47

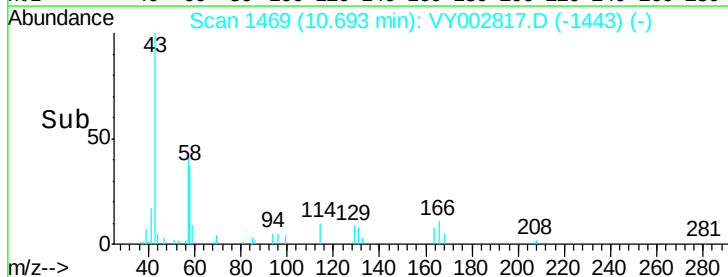
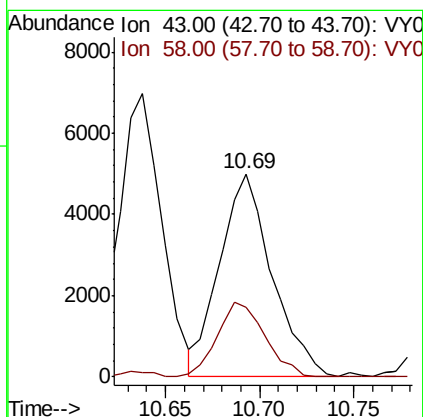
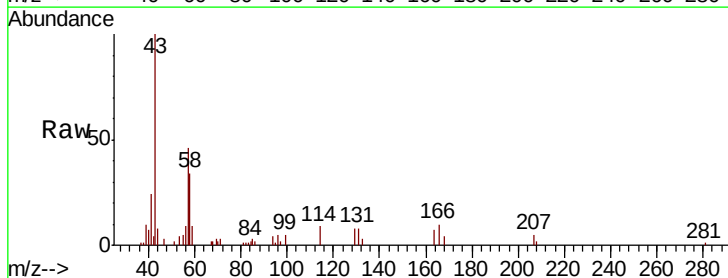
Instrument :
 MSVOA_Y
 ClientSampleId :
 INF-SLUDGE

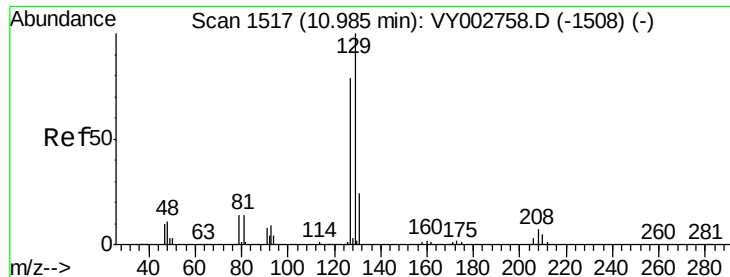
Tot Ion: 63 Resp: 1366
 Ion Ratio Lower Upper
 63 100
 106 0.0 25.4 38.2#



#59
 2-Hexanone
 Concen: 8.515 ug/l
 RT: 10.69 min Scan# 1469
 Delta R.T. -0.14 min
 Lab File: VY002817.D
 Acq: 02 Jun 2020 15:47

Tgt Ion: 43 Resp: 9627
 Ion Ratio Lower Upper
 43 100
 58 33.5 29.5 88.5

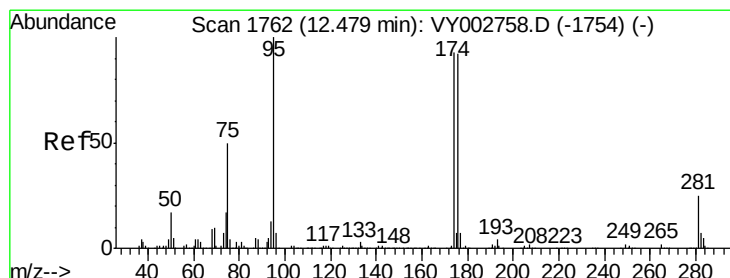
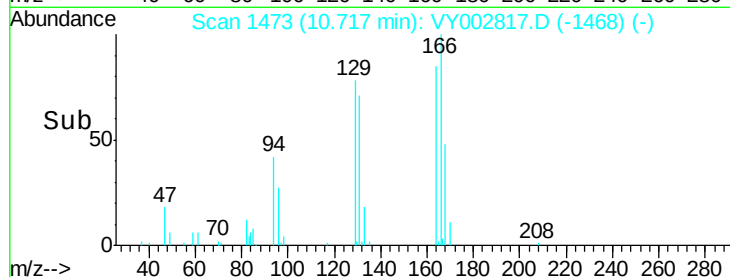
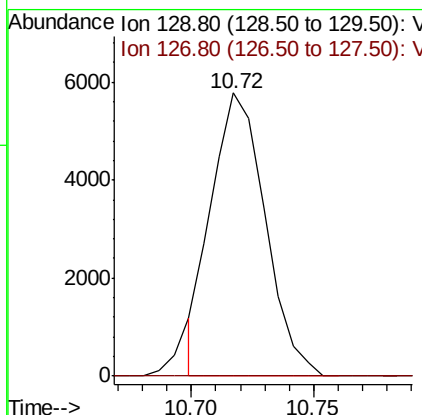
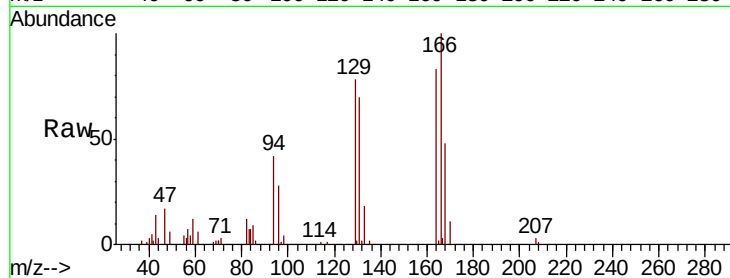




#60
Dibromochloromethane
Concen: 3.706 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.27 min
Lab File: VY002817.D
Acq: 02 Jun 2020 15:47

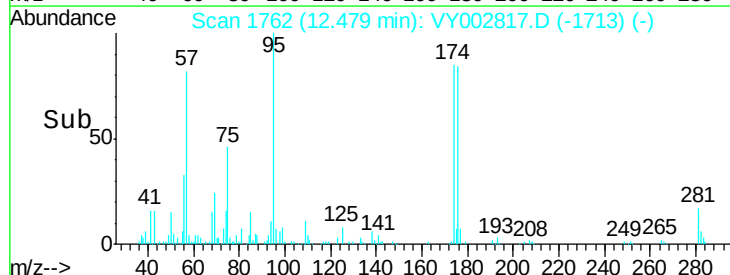
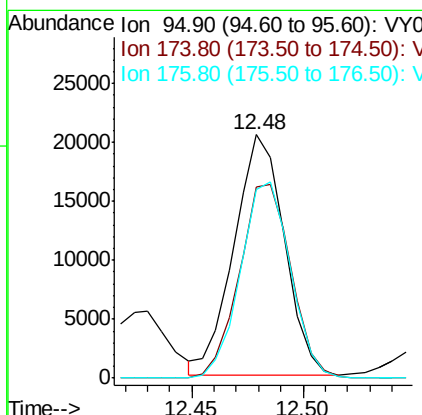
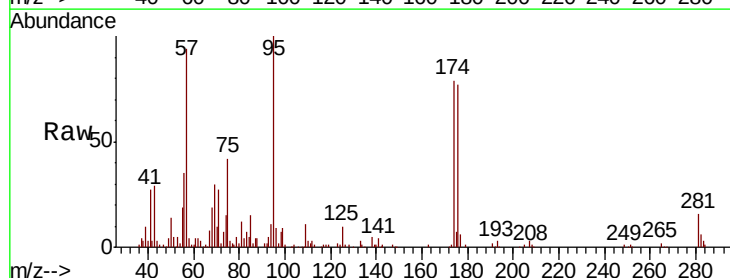
Instrument :
MSVOA_Y
ClientSampleId :
INF-SLUDGE

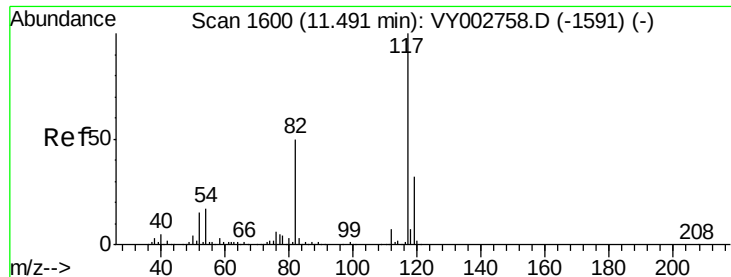
Tot Ion:129 Resp: 8835
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 11.454 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002817.D
Acq: 02 Jun 2020 15:47

Tgt Ion: 95 Resp: 32136
Ion Ratio Lower Upper
95 100
174 82.8 0.0 191.2
176 80.9 0.0 188.8

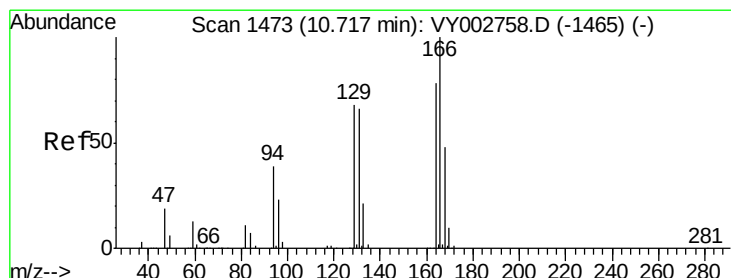
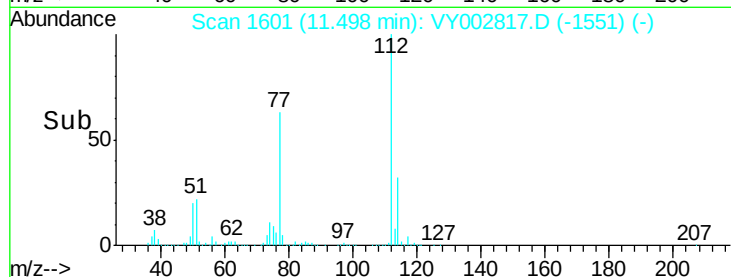
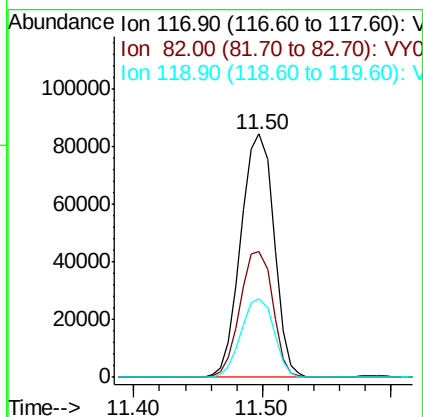
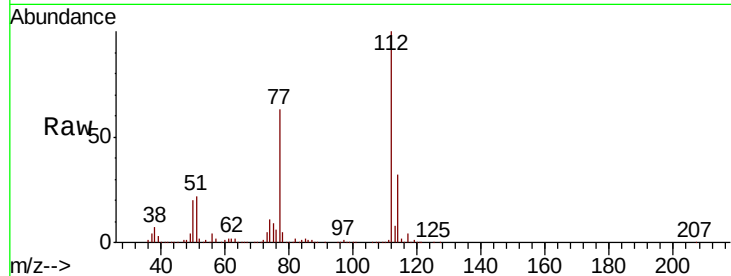




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002817.D
Acq: 02 Jun 2020 15:47

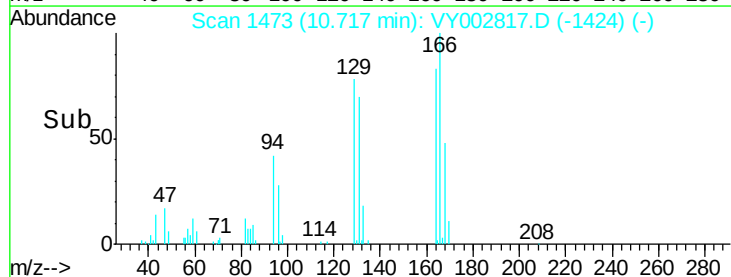
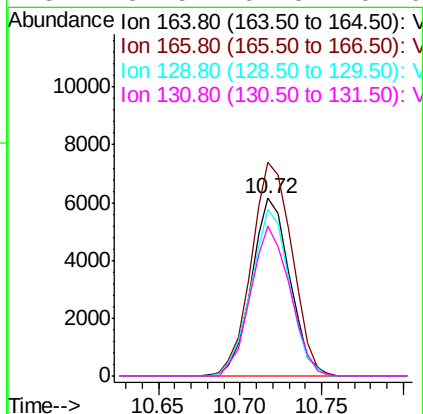
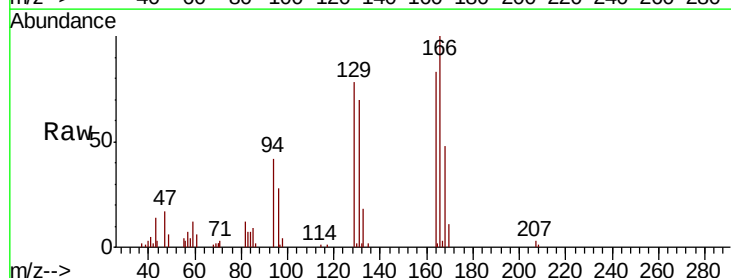
Instrument :
MSVOA_Y
ClientSampleId :
INF-SLUDGE

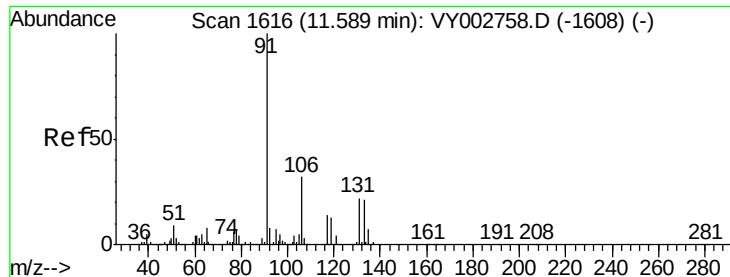
Tot Ion:117 Resp: 150554
Ion Ratio Lower Upper
117 100
82 51.5 40.2 60.4
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 7.359 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002817.D
Acq: 02 Jun 2020 15:47

Tgt Ion:164 Resp: 10070
Ion Ratio Lower Upper
164 100
166 120.3 102.3 153.5
129 93.9 69.4 104.2
131 84.5 67.8 101.6





#67

Ethyl Benzene

Concen: 11.144 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

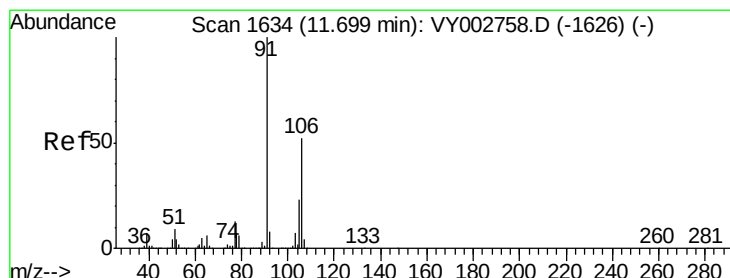
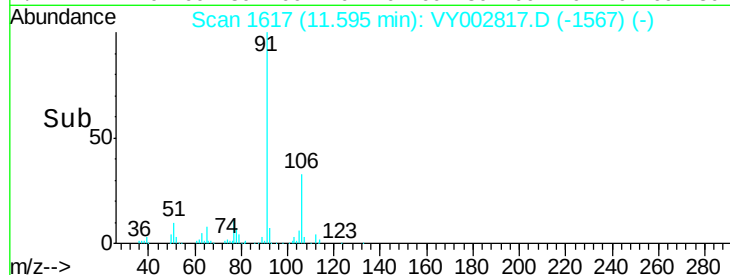
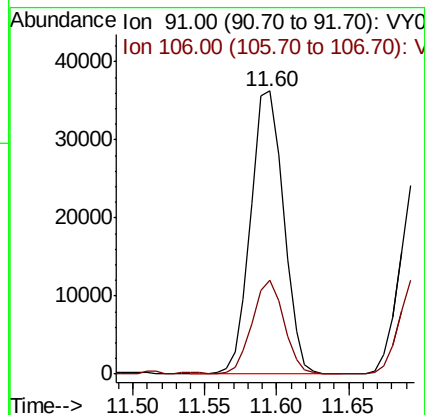
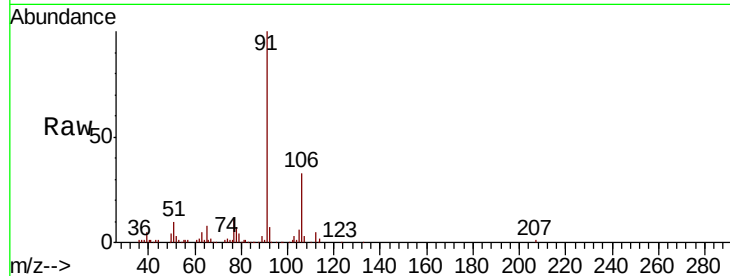
INF-SLUDGE

Tot Ion: 91 Resp: 57488

Ion Ratio Lower Upper

91 100

106 33.2 25.7 38.5



#68

m/p-Xylenes

Concen: 13.497 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002817.D

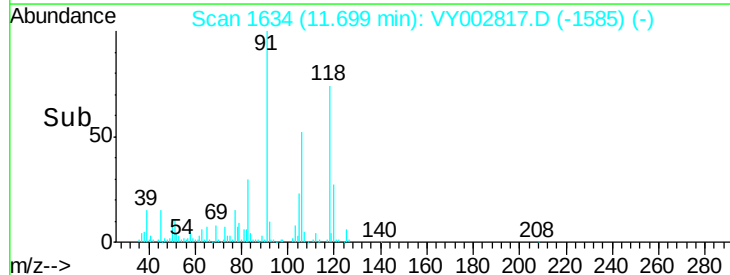
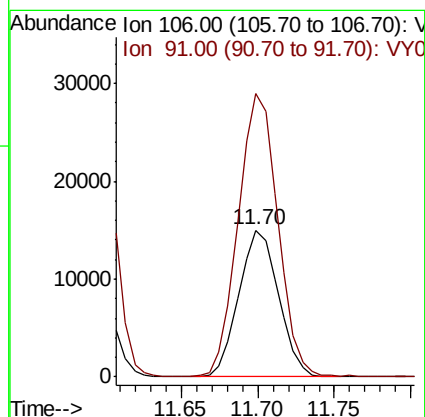
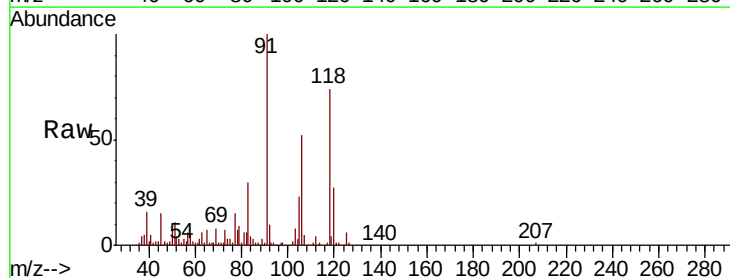
Acq: 02 Jun 2020 15:47

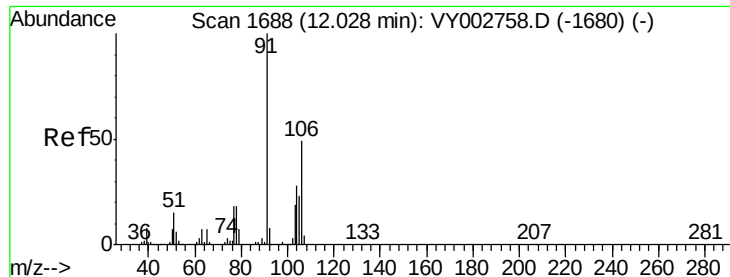
Tgt Ion: 106 Resp: 26995

Ion Ratio Lower Upper

106 100

91 193.3 156.0 234.0

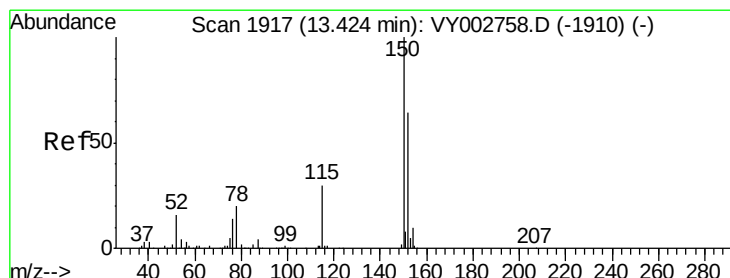
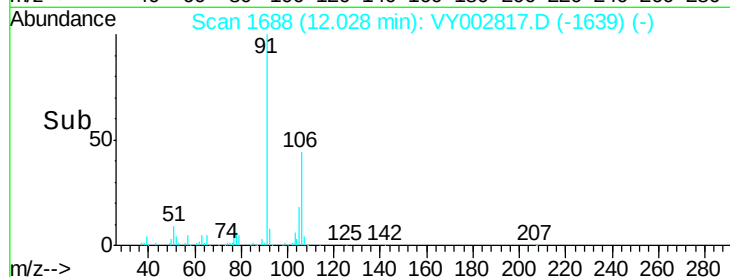
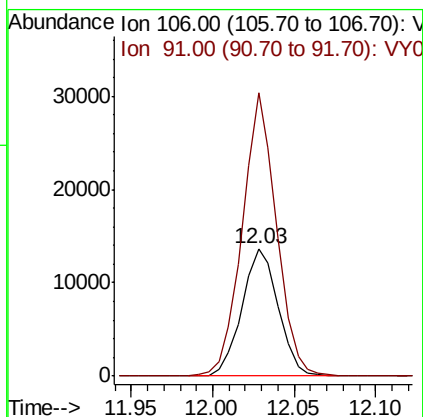
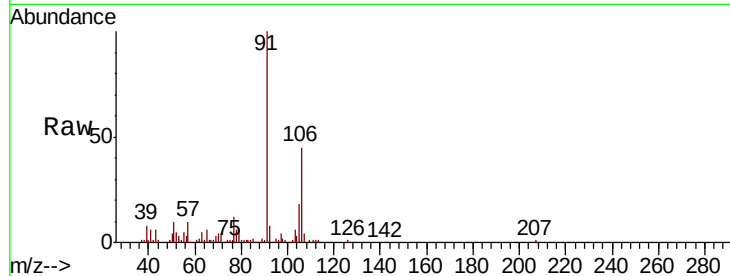




#69
o-Xylene
Concen: 11.214 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002817.D
Acq: 02 Jun 2020 15:47

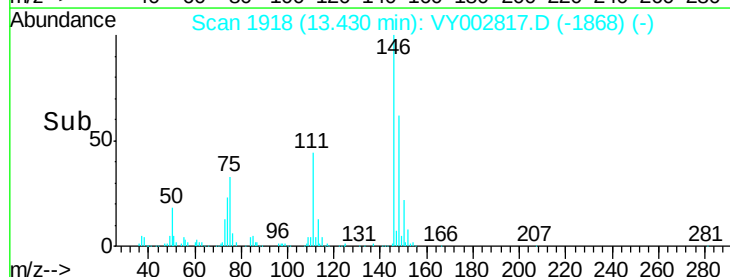
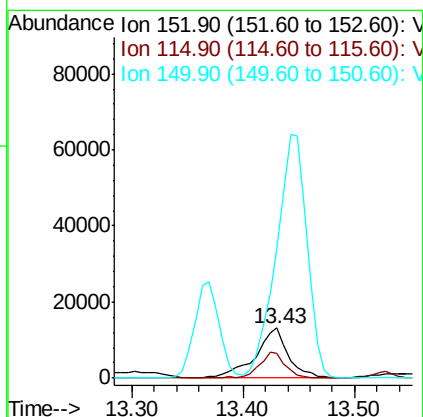
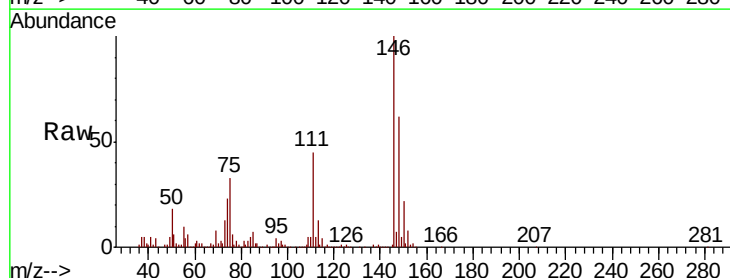
Instrument :
MSVOA_Y
ClientSampled :
INF-SLUDGE

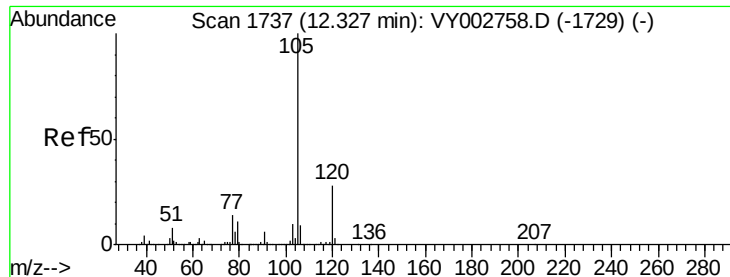
Tot Ion:106 Resp: 21175
Ion Ratio Lower Upper
106 100
91 210.6 102.4 307.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.01 min
Lab File: VY002817.D
Acq: 02 Jun 2020 15:47

Tgt Ion:152 Resp: 26444
Ion Ratio Lower Upper
152 100
115 44.1 27.0 81.0
150 465.7 0.0 344.8#





#73

Isopropylbenzene

Concen: 23.933 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

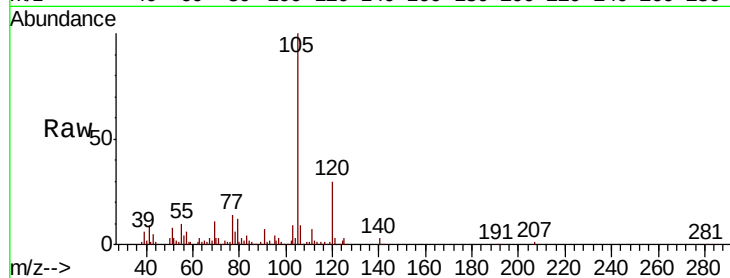
INF-SLUDGE

Tot Ion:105 Resp: 40557

Ion Ratio Lower Upper

105 100

120 28.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

25000

20000

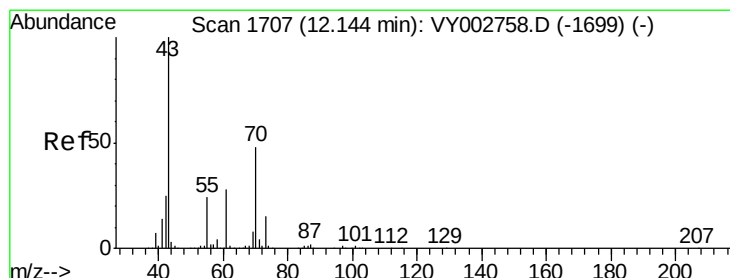
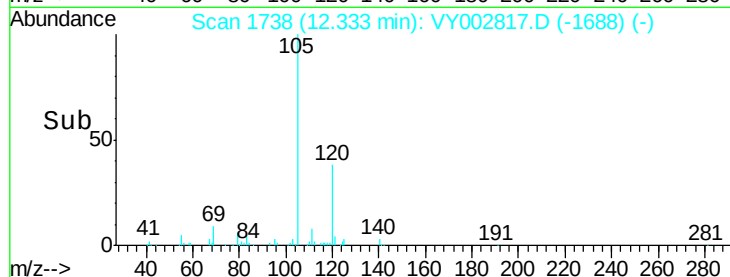
15000

10000

5000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 37.602 ug/l

RT: 12.12 min Scan# 1703

Delta R.T. -0.02 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Tgt Ion: 43 Resp: 16350

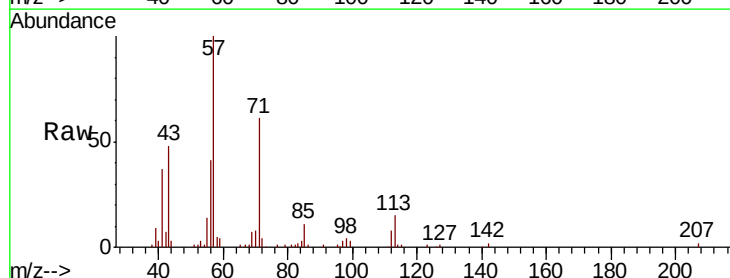
Ion Ratio Lower Upper

43 100

70 15.0 37.7 56.5#

55 0.0 19.8 29.6#

61 0.0 21.7 32.5#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

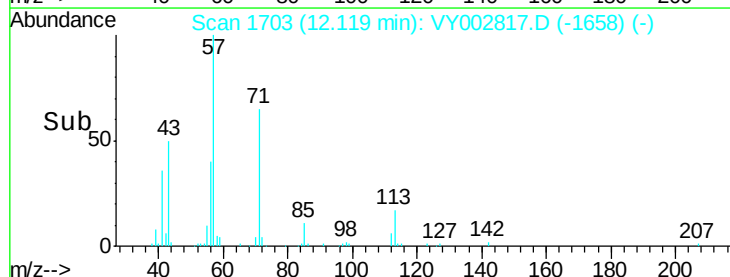
12.12

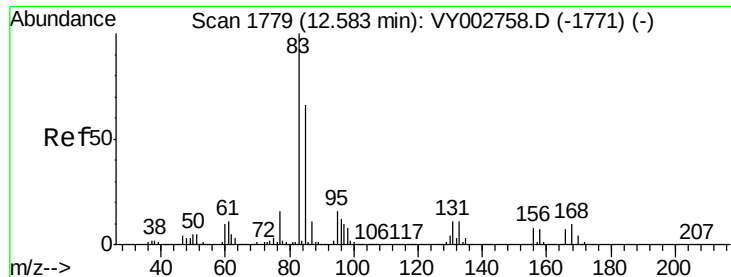
10000

5000

0

Time--> 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 12.958 ug/l

RT: 12.54 min Scan# 1772

Delta R.T. -0.04 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampled :

INF-SLUDGE

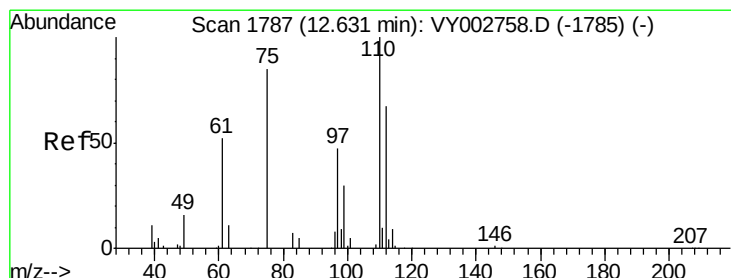
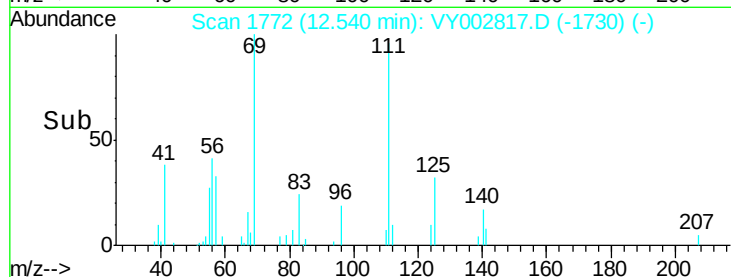
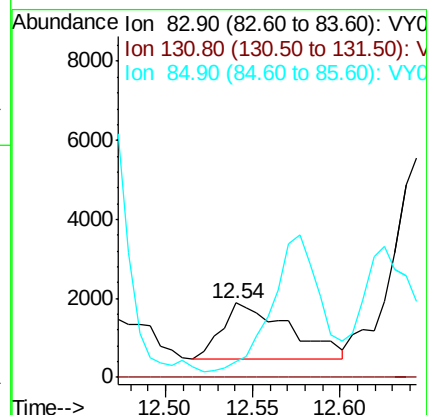
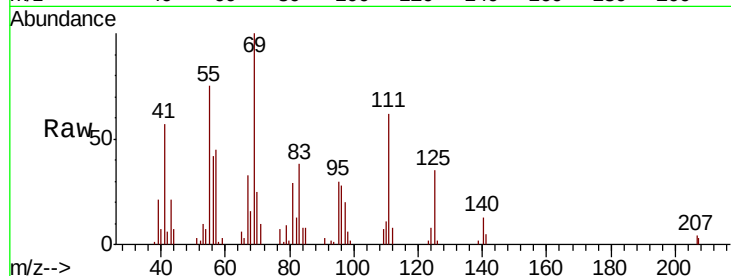
Tot Ion: 83 Resp: 3853

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

85 0.0 32.6 98.0#



#76

1,2,3-Trichloropropane

Concen: 2.027 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.04 min

Lab File: VY002817.D

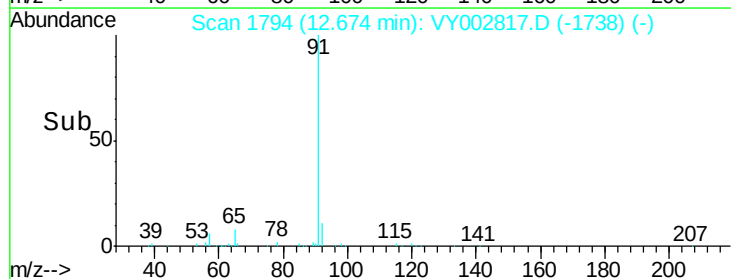
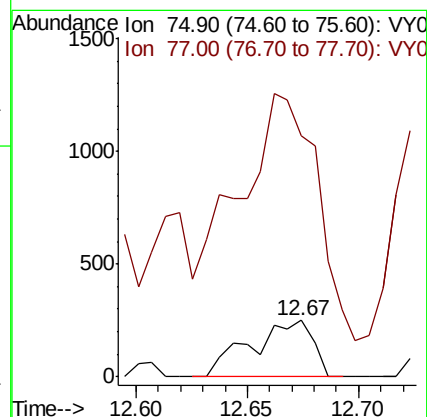
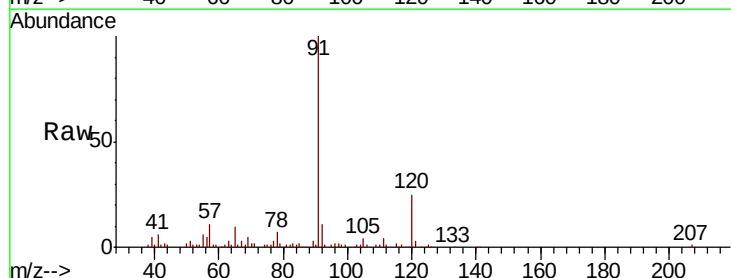
Acq: 02 Jun 2020 15:47

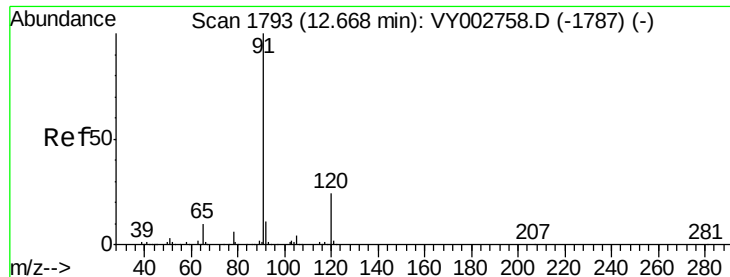
Tgt Ion: 75 Resp: 483

Ion Ratio Lower Upper

75 100

77 570.6 0.0 0.0#





#78

n-propylbenzene

Concen: 26.289 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

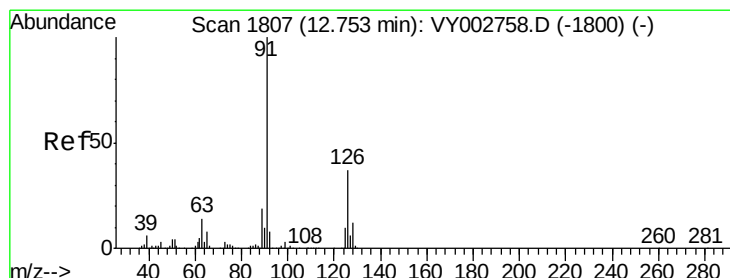
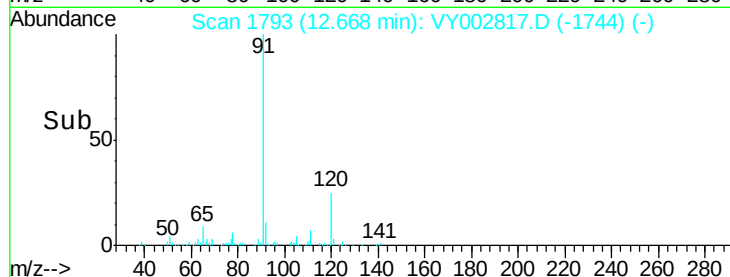
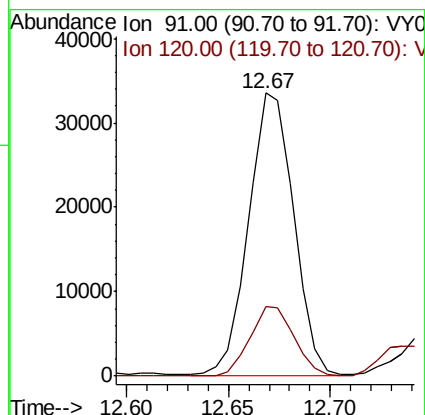
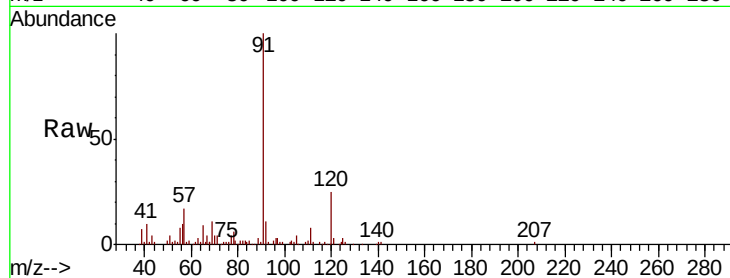
INF-SLUDGE

Tot Ion: 91 Resp: 51461

Ion Ratio Lower Upper

91 100

120 24.3 12.3 36.9



#79

2-Chlorotoluene

Concen: 14.903 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002817.D

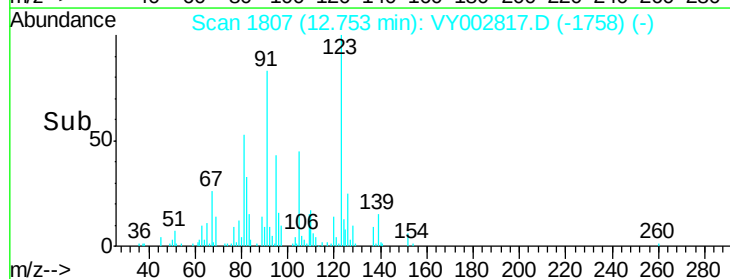
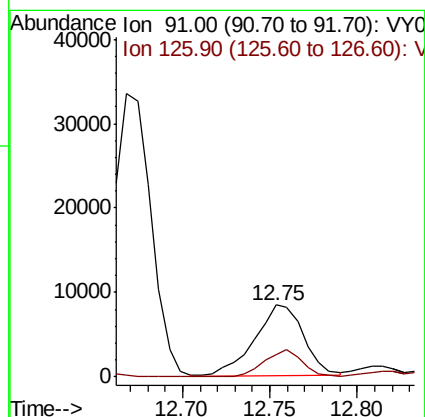
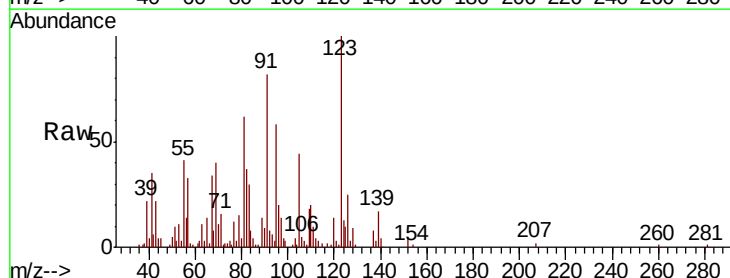
Acq: 02 Jun 2020 15:47

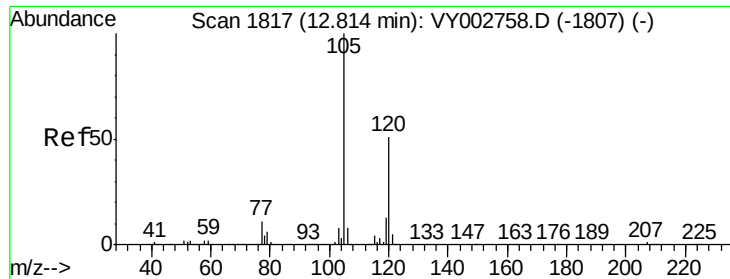
Tgt Ion: 91 Resp: 16364

Ion Ratio Lower Upper

91 100

126 30.6 18.4 55.4

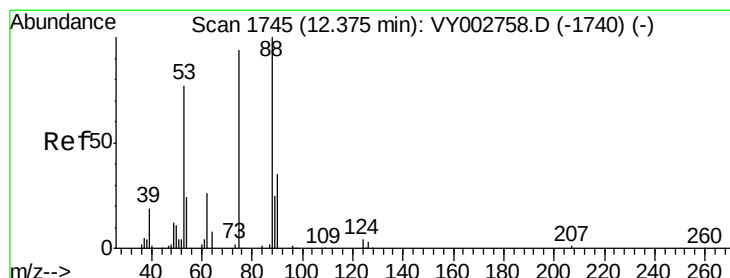
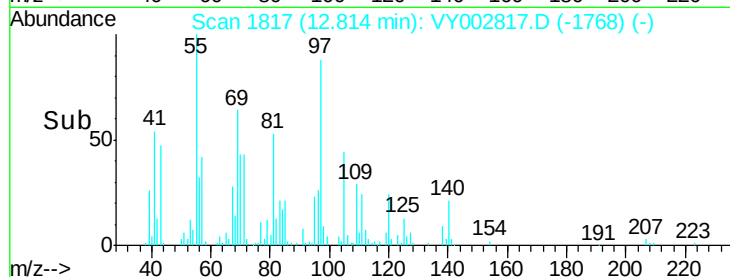
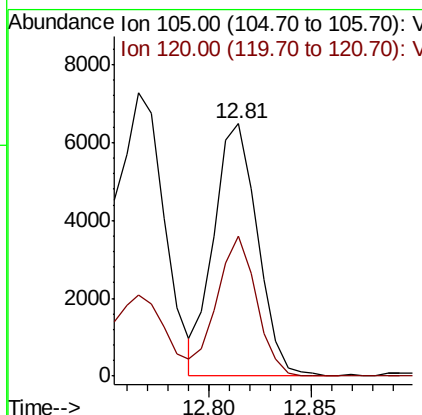
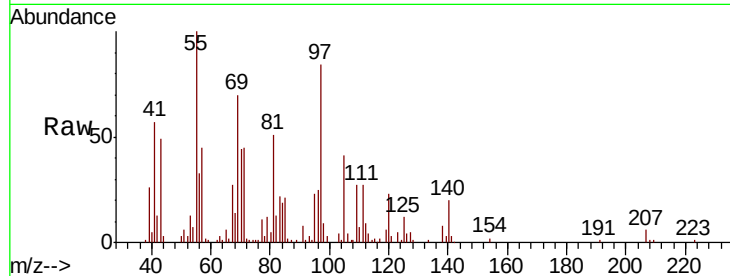




#80
 1,3,5-Trimethylbenzene
 Concen: 6.808 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002817.D
 Acq: 02 Jun 2020 15:47

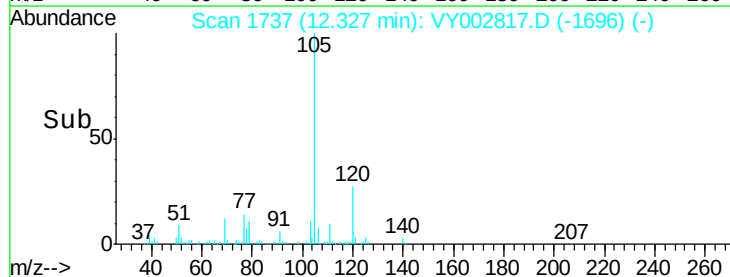
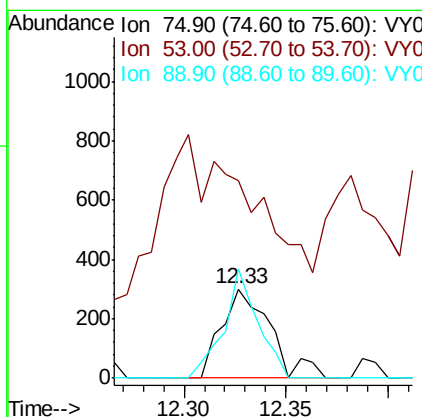
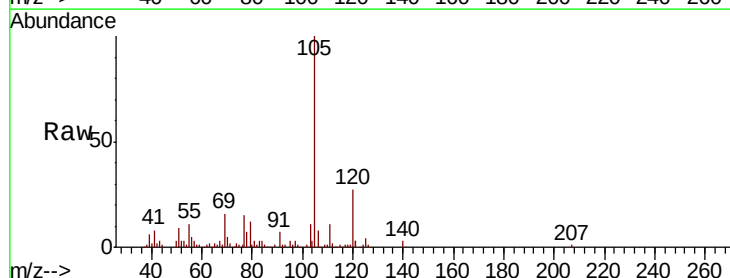
Instrument :
 MSVOA_Y
 ClientSampled :
 INF-SLUDGE

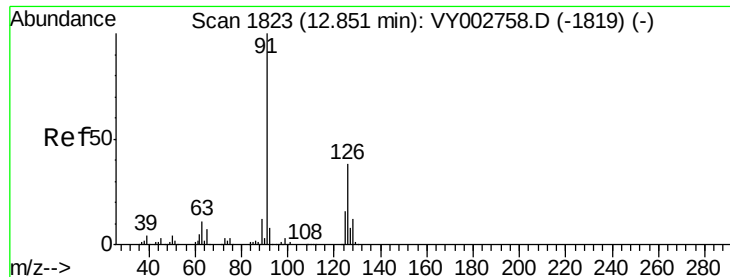
Tot Ion:105 Resp: 9633
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.922 ug/l
 RT: 12.33 min Scan# 1737
 Delta R.T. -0.05 min
 Lab File: VY002817.D
 Acq: 02 Jun 2020 15:47

Tgt Ion: 75 Resp: 496
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.0 96.0#
 89 85.5 37.4 56.2#

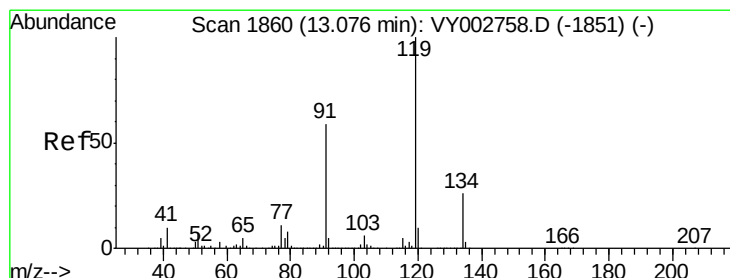
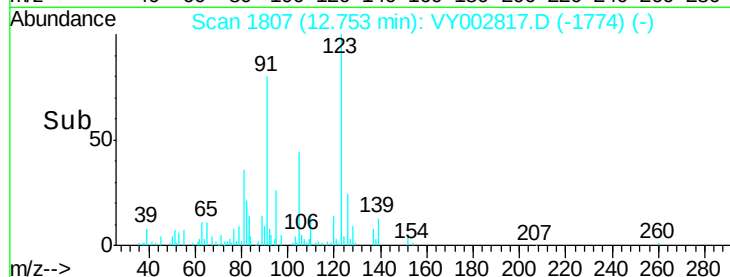
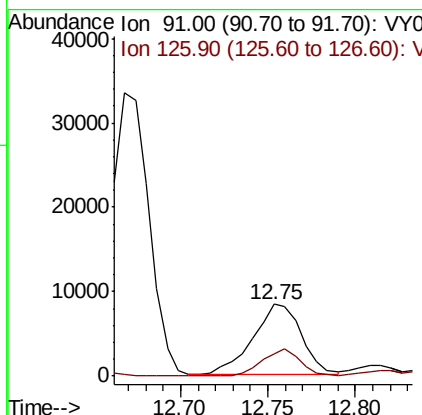
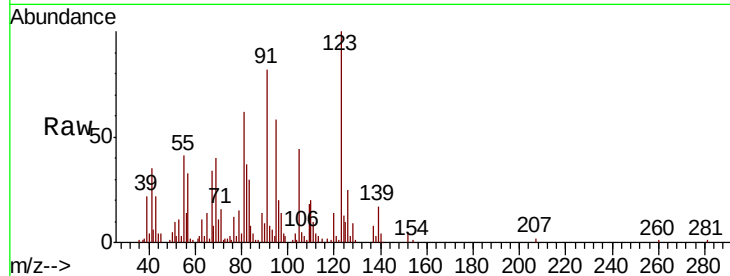




#82
4-Chlorotoluene
Concen: 14.050 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.10 min
Lab File: VY002817.D
Acq: 02 Jun 2020 15:47

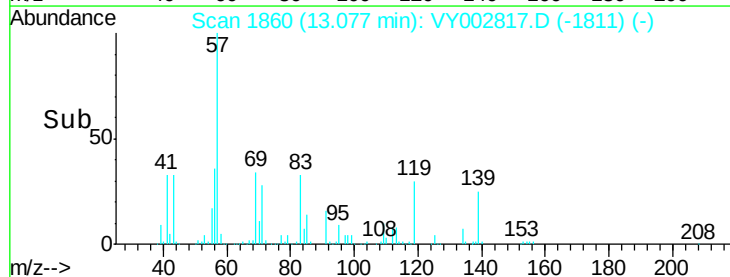
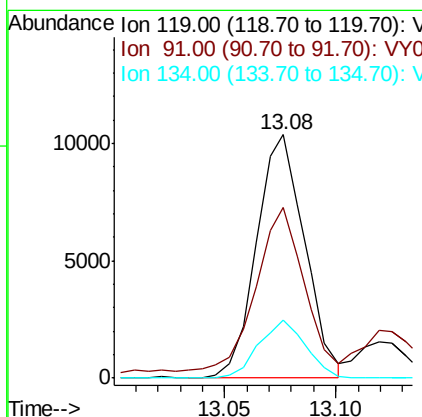
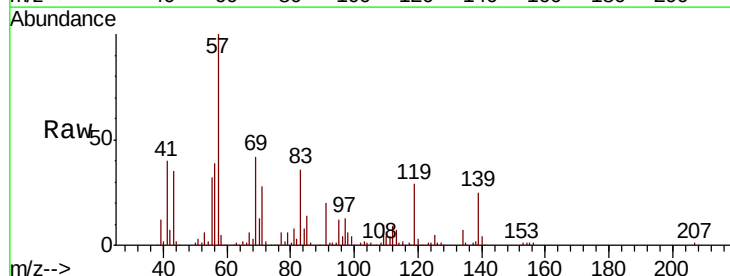
Instrument :
MSVOA_Y
ClientSampleId :
INF-SLUDGE

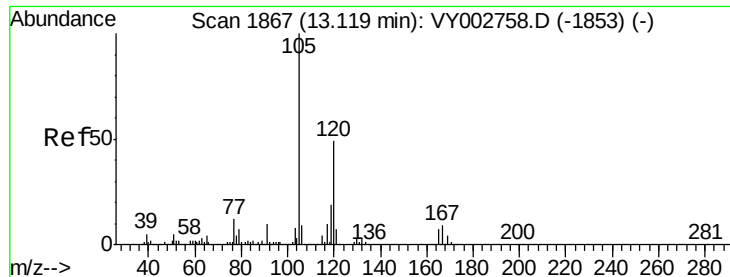
Tot Ion: 91 Resp: 16164
Ion Ratio Lower Upper
91 100
126 31.0 18.5 55.5



#83
tert-Butylbenzene
Concen: 12.355 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002817.D
Acq: 02 Jun 2020 15:47

Tgt Ion: 119 Resp: 15594
Ion Ratio Lower Upper
119 100
91 67.8 29.8 89.4
134 22.9 13.3 39.8





#84

1,2,4-Trimethylbenzene

Concen: 13.874 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampled :

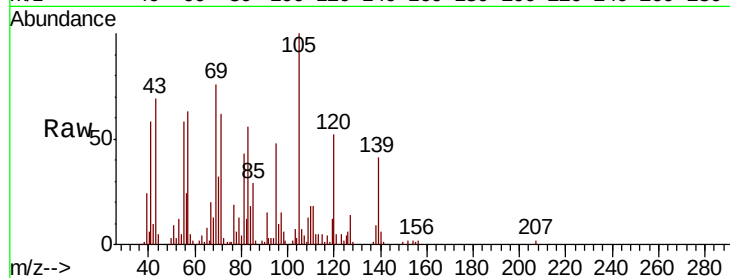
INF-SLUDGE

Tot Ion:105 Resp: 19739

Ion Ratio Lower Upper

105 100

120 48.1 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.12

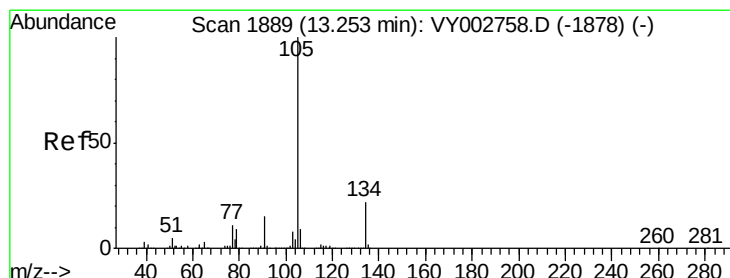
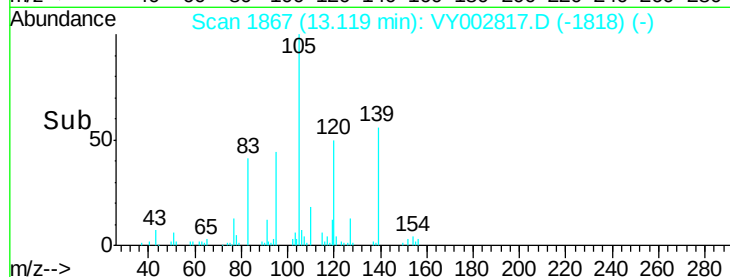
15000

10000

5000

0

Time--> 13.00 13.10 13.20



#85

sec-Butylbenzene

Concen: 16.832 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002817.D

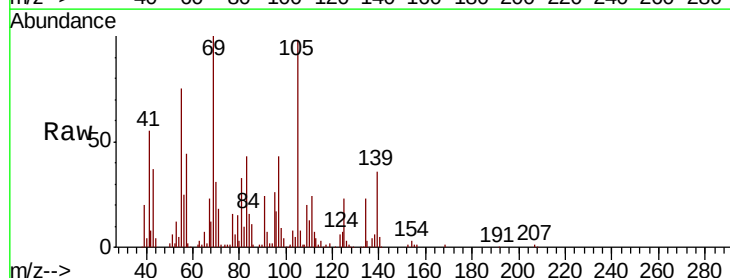
Acq: 02 Jun 2020 15:47

Tgt Ion:105 Resp: 29047

Ion Ratio Lower Upper

105 100

134 43.2 10.8 32.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

20000

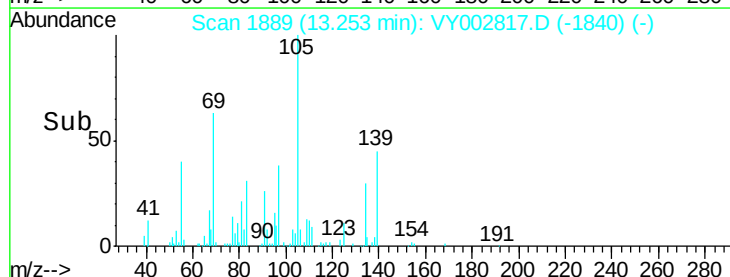
15000

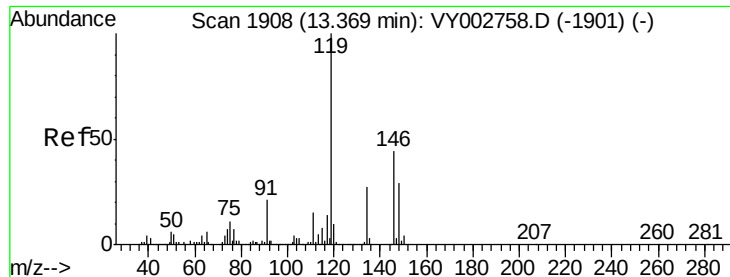
10000

5000

0

Time--> 13.20 13.25 13.30

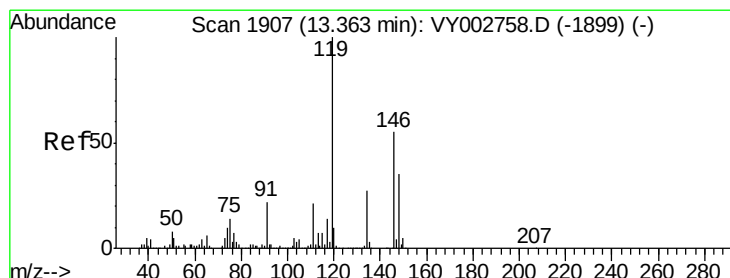
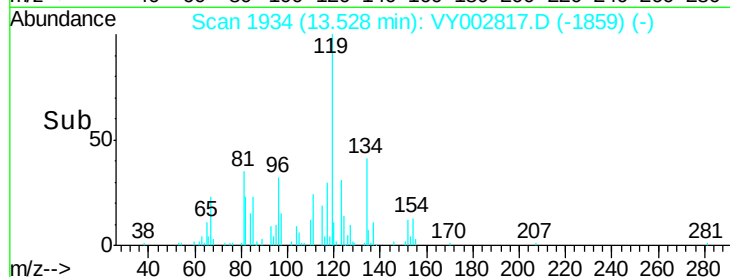
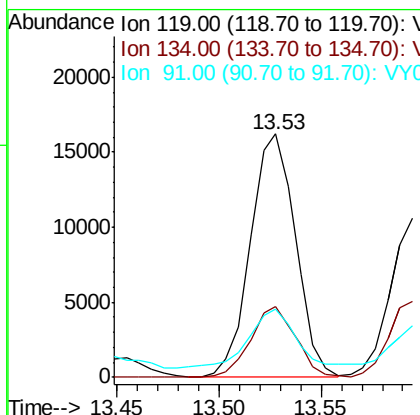
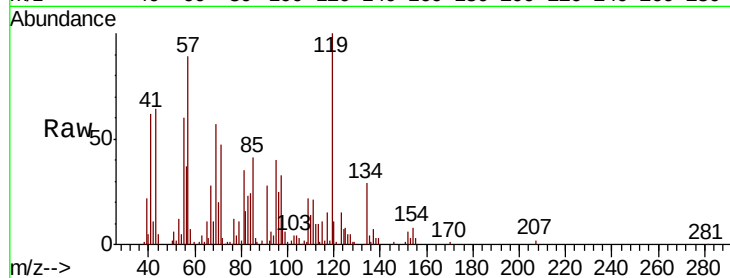




#86
 p-Isopropyltoluene
 Concen: 15.521 ug/l
 RT: 13.53 min Scan# 1934
 Delta R.T. 0.16 min
 Lab File: VY002817.D
 Acq: 02 Jun 2020 15:47

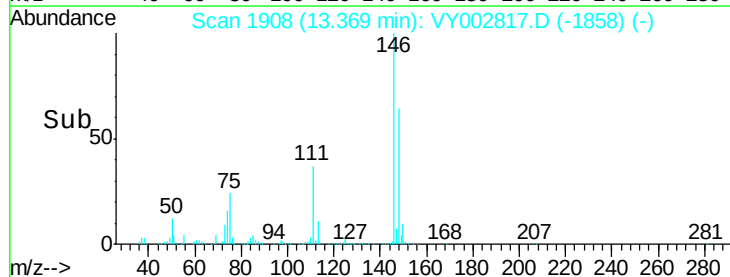
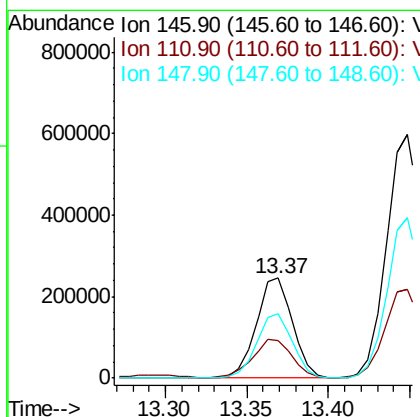
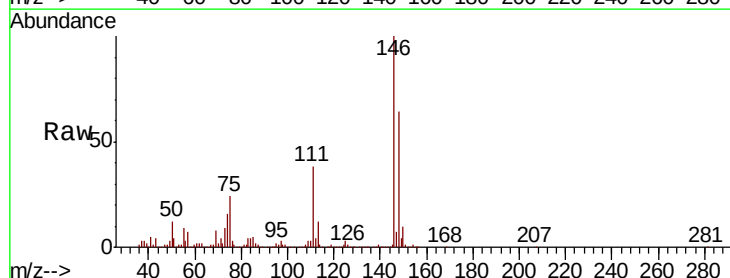
Instrument :
 MSVOA_Y
 ClientSampled :
 INF-SLUDGE

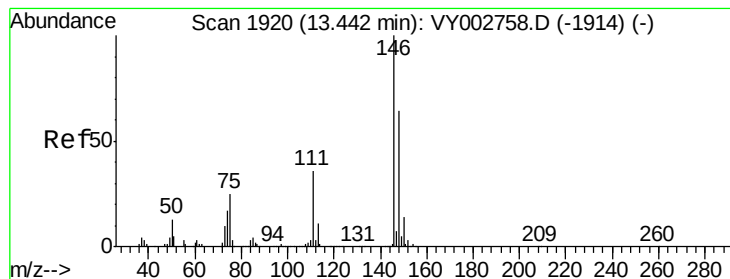
Tot Ion:119 Resp: 24924
 Ion Ratio Lower Upper
 119 100
 134 29.1 13.7 41.0
 91 26.2 10.8 32.4



#87
 1,3-Dichlorobenzene
 Concen: 452.566 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY002817.D
 Acq: 02 Jun 2020 15:47

Tgt Ion:146 Resp: 378271
 Ion Ratio Lower Upper
 146 100
 111 41.2 18.4 55.0
 148 63.9 31.9 95.7





#88

1,4-Dichlorobenzene

Concen: 1096.020 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

INF-SLUDGE

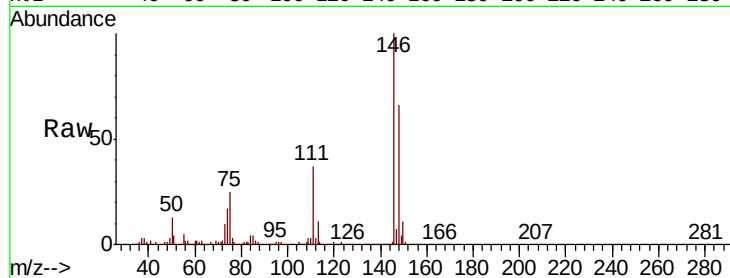
Tot Ion:146 Resp: 916403

Ion Ratio Lower Upper

146 100

111 37.3 18.1 54.3

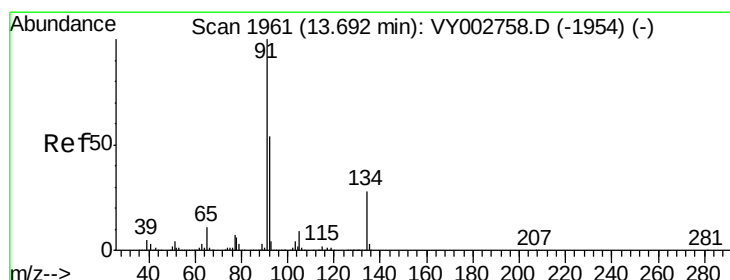
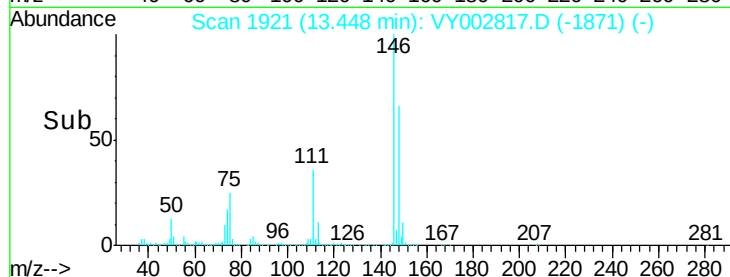
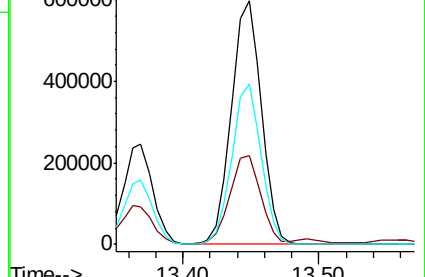
148 64.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 5.115 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

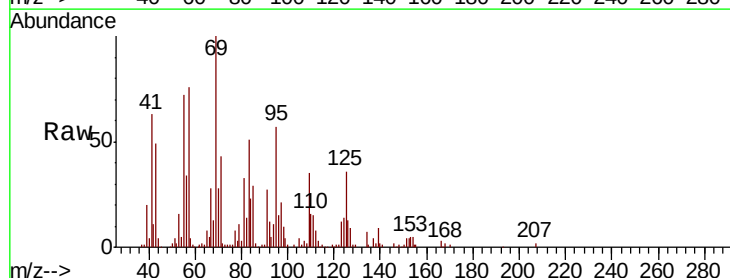
Tgt Ion: 91 Resp: 7457

Ion Ratio Lower Upper

91 100

92 45.3 27.1 81.2

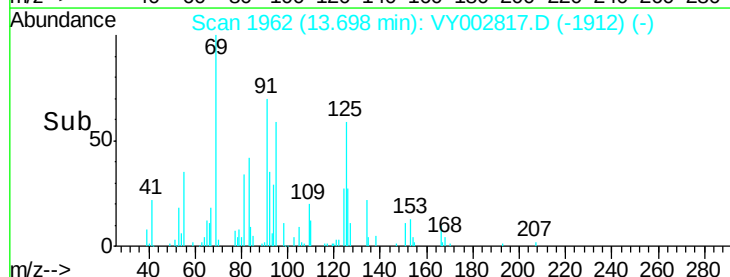
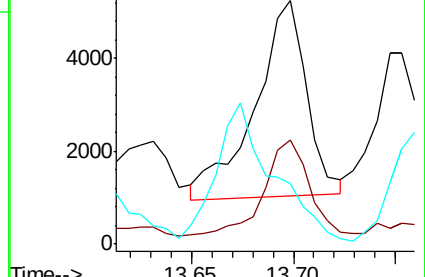
134 0.0 14.3 42.9#

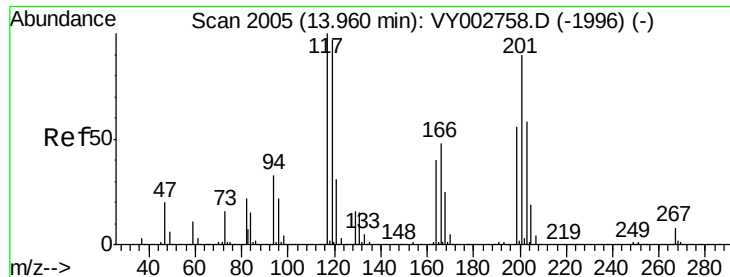


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 6.610 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampled :

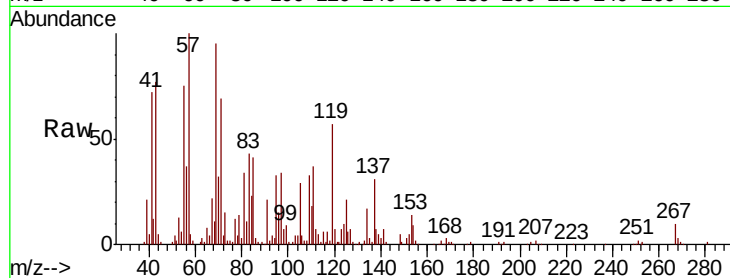
INF-SLUDGE

Tot Ion:117 Resp: 1987

Ion Ratio Lower Upper

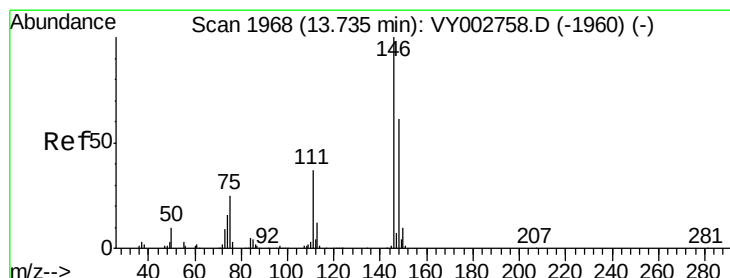
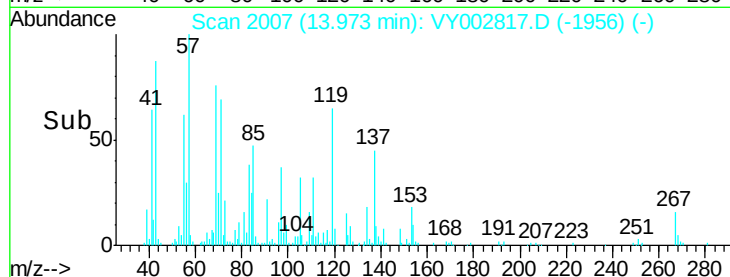
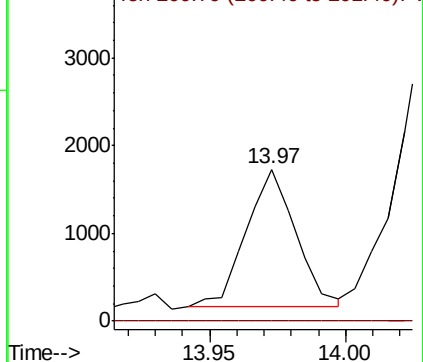
117 100

201 0.0 43.9 131.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 2370.551 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

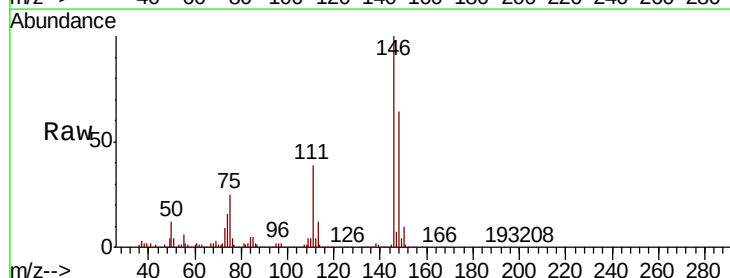
Tgt Ion:146 Resp: 1796928

Ion Ratio Lower Upper

146 100

111 39.8 18.9 56.9

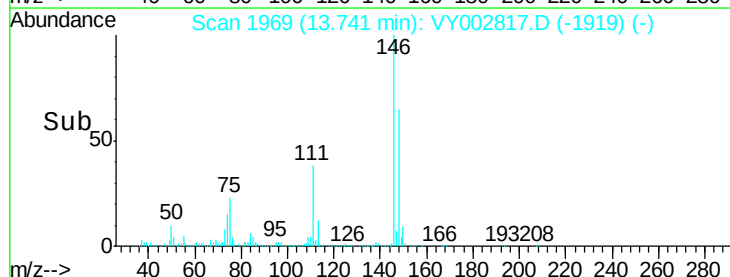
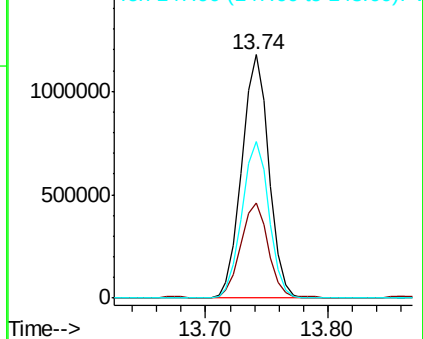
148 64.5 31.9 95.5

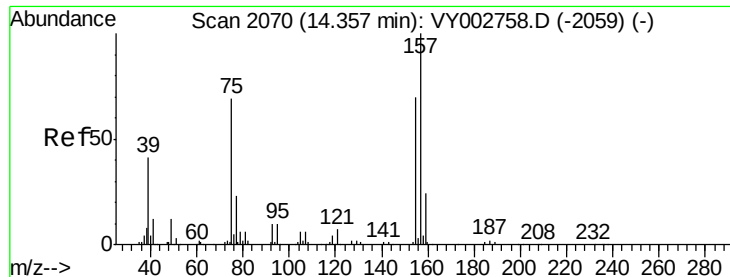


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 6.975 ug/l

RT: 14.40 min Scan# 2077

Delta R.T. 0.04 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

INF-SLUDGE

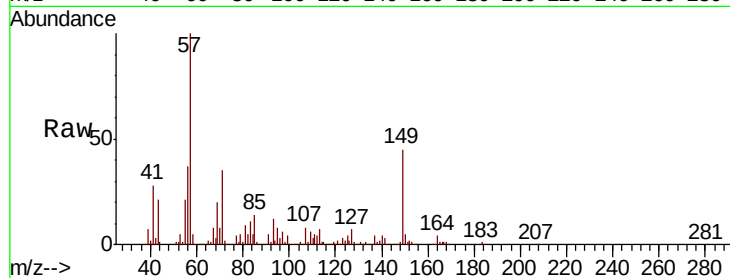
Tot Ion: 75 Resp: 399

Ion Ratio Lower Upper

75 100

155 92.7 53.5 160.5

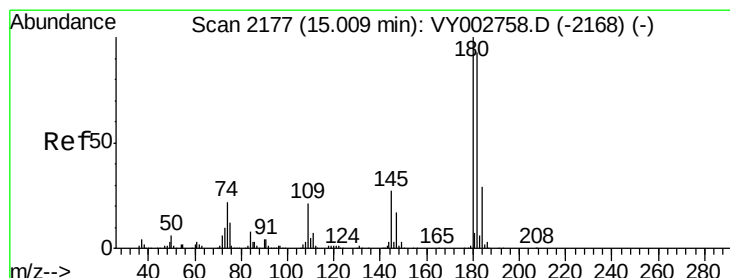
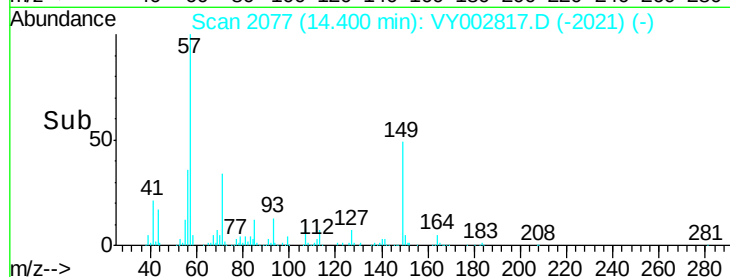
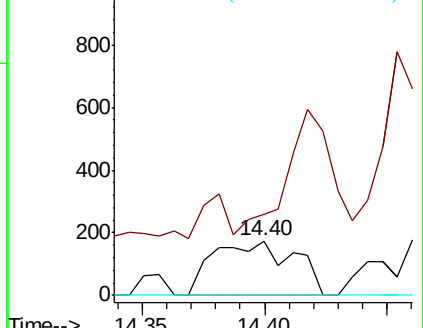
157 0.0 69.9 209.7#



Abundance Ion 74.90 (74.60 to 75.60): VY002817.D (-2021) (-)

Ion 154.80 (154.50 to 155.50): VY002817.D (-2021) (-)

Ion 156.80 (156.50 to 157.50): VY002817.D (-2021) (-)



#93

1,2,4-Trichlorobenzene

Concen: 7.794 ug/l

RT: 15.01 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

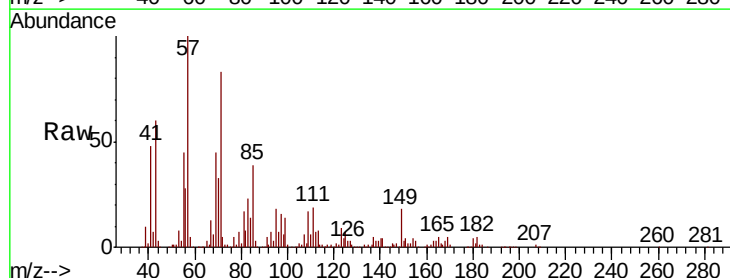
Tgt Ion:180 Resp: 4453

Ion Ratio Lower Upper

180 100

182 163.8 47.3 141.9#

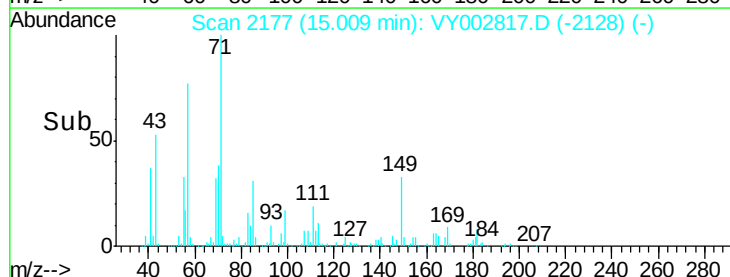
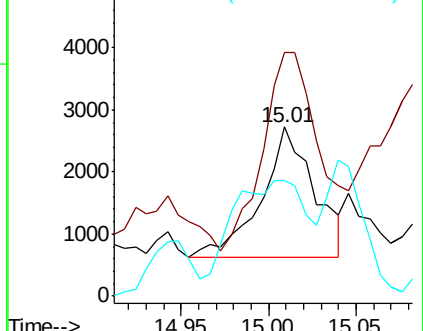
145 125.3 14.1 42.3#

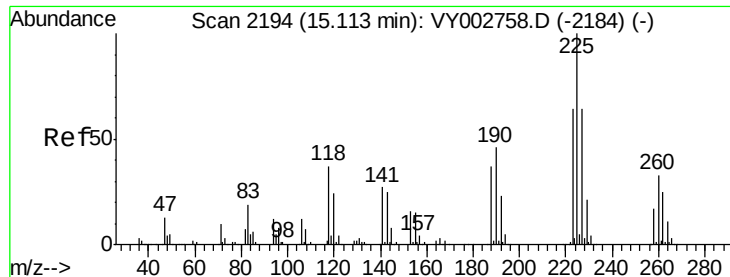


Abundance Ion 179.80 (179.50 to 180.50): VY002817.D (-2128) (-)

Ion 181.80 (181.50 to 182.50): VY002817.D (-2128) (-)

Ion 144.80 (144.50 to 145.50): VY002817.D (-2128) (-)





#94

Hexachlorobutadiene

Concen: 1.349 ug/l

RT: 15.11 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

INF-SLUDGE

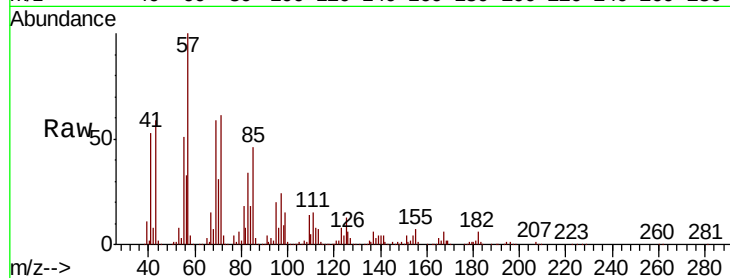
Tot Ion:225 Resp: 437

Ion Ratio Lower Upper

225 100

223 68.0 31.6 95.0

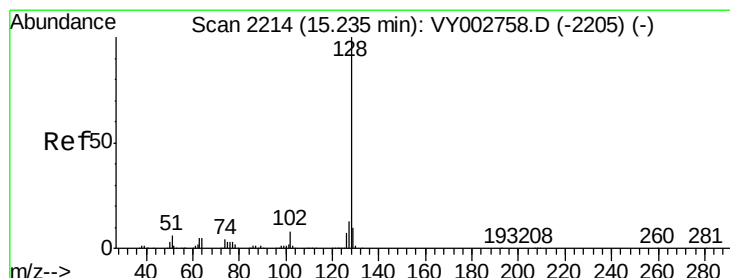
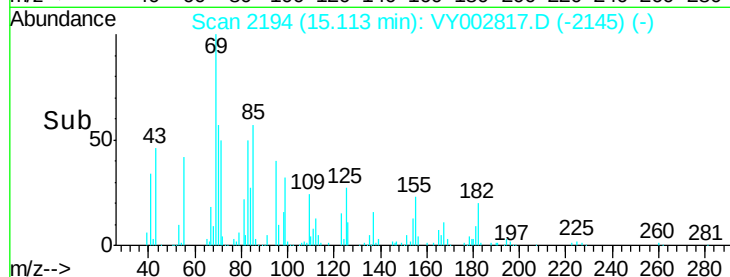
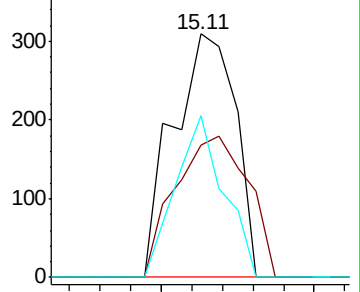
227 51.3 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 16.719 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

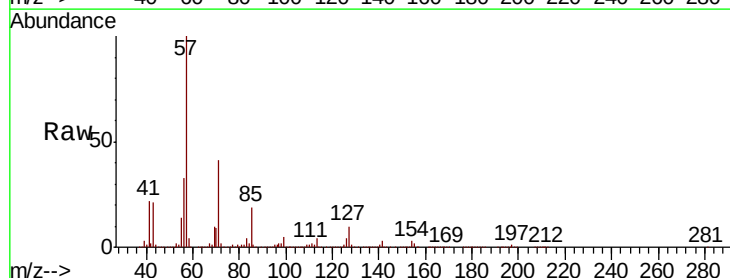
Tgt Ion:128 Resp: 19153

Ion Ratio Lower Upper

128 100

127 906.9 10.3 15.5#

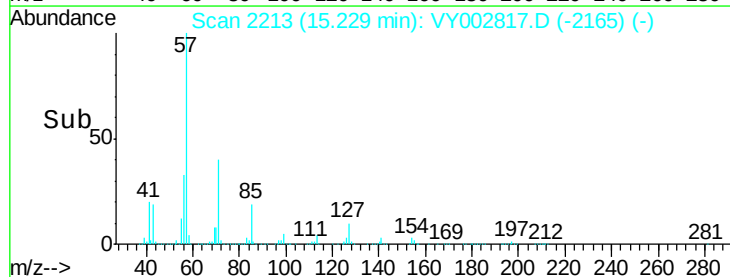
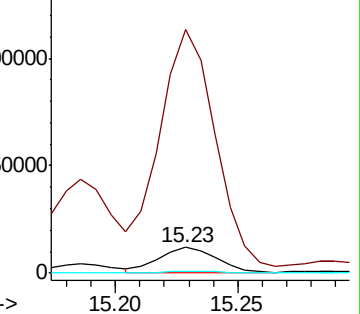
129 7.2 8.7 13.1#

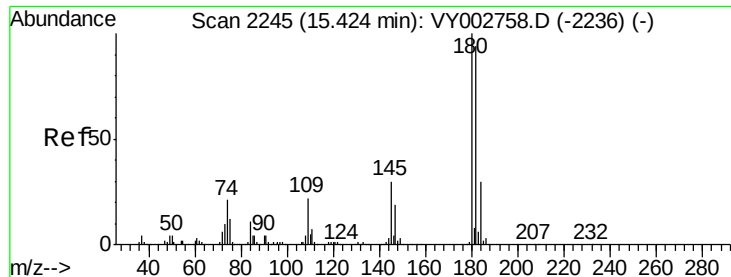


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 8.398 ug/l

RT: 15.40 min Scan# 2241

Delta R.T. -0.02 min

Lab File: VY002817.D

Acq: 02 Jun 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

INF-SLUDGE

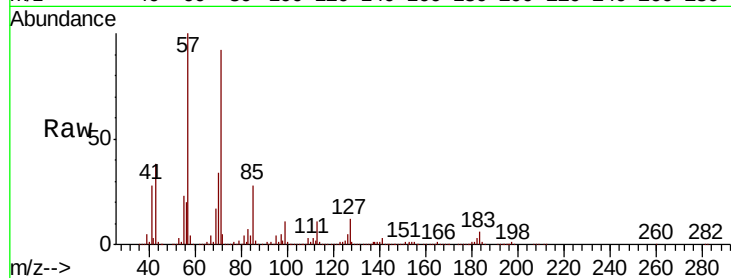
Tot Ion:180 Resp: 4285

Ion Ratio Lower Upper

180 100

182 720.3 48.1 144.4#

145 51.3 15.1 45.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

