

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005598.D
 Acq On : 24 Sep 2018 20:56
 Operator : VA/AP
 Sample : J4993-04RE
 Misc : 5.20G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NS-SLUDGERE

Quant Time: Sep 25 04:59:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	60227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	110552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	56831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	12720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	37244	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	7.89	113	23660	34.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.06%	
50) Toluene-d8	10.33	98	52451	18.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.06%	
62) 4-Bromofluorobenzene	12.63	95	12476	11.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.82%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.18	59	2199	58.207	ug/l #	77
13) Acrolein	3.89	56	39	Below Cal	#	13
16) Acetone	4.12	43	32833	296.096	ug/l	99
17) Carbon Disulfide	4.37	76	3592	2.096	ug/l	95
18) Methyl Acetate	4.67	43	4823	14.342	ug/l	95
20) Methylene Chloride	4.92	84	5612	5.636	ug/l	88
25) 2-Butanone	7.18	43	13255	76.918	ug/l	99
29) Tetrahydrofuran	7.55	42	152	1.412	ug/l #	35
31) Cyclohexane	7.95	56	3543	3.221	ug/l #	58
36) 1,1-Dichloropropene	7.95	75	4734	4.254	ug/l #	51
37) Ethyl Acetate	7.18	43	13255	28.303	ug/l #	70
38) Carbon Tetrachloride	7.95	117	5880	4.931	ug/l #	16
39) Methylcyclohexane	9.34	83	3492	2.660	ug/l	95
41) Methacrylonitrile	7.51	41	354	1.328	ug/l #	35
51) 4-Methyl-2-Pentanone	10.21	43	1756	3.786	ug/l	93
52) Toluene	10.39	92	27596	14.026	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.97	63	435	1.413	ug/l #	60
59) 2-Hexanone	10.98	43	1110	3.523	ug/l	68
67) Ethyl Benzene	11.73	91	2963	1.384	ug/l	95
68) m/p-Xylenes	11.84	106	1231	1.522	ug/l #	62
70) Styrene	12.19	104	1991	1.561	ug/l	94
74) N-amyl acetate	12.32	43	619	3.099	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.71	83	270	1.843	ug/l #	62
76) 1,2,3-Trichloropropane	12.63	75	6694	61.736	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.96	105	1029	1.342	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.63	75	6694	139.048	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.26	105	1924	2.486	ug/l	73
85) sec-Butylbenzene	13.26	105	1924	2.059	ug/l	98
86) p-Isopropyltoluene	13.50	119	3691	4.406	ug/l #	53
89) n-Butylbenzene	13.82	91	803	1.016	ug/l	87
90) Hexachloroethane	14.10	117	349	2.299	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.38	75	218	7.809	ug/l	87
93) 1,2,4-Trichlorobenzene	15.26	180	305	1.146	ug/l	62
95) Naphthalene	15.38	128	1268	2.832	ug/l #	54

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Response via : Initial Calibration

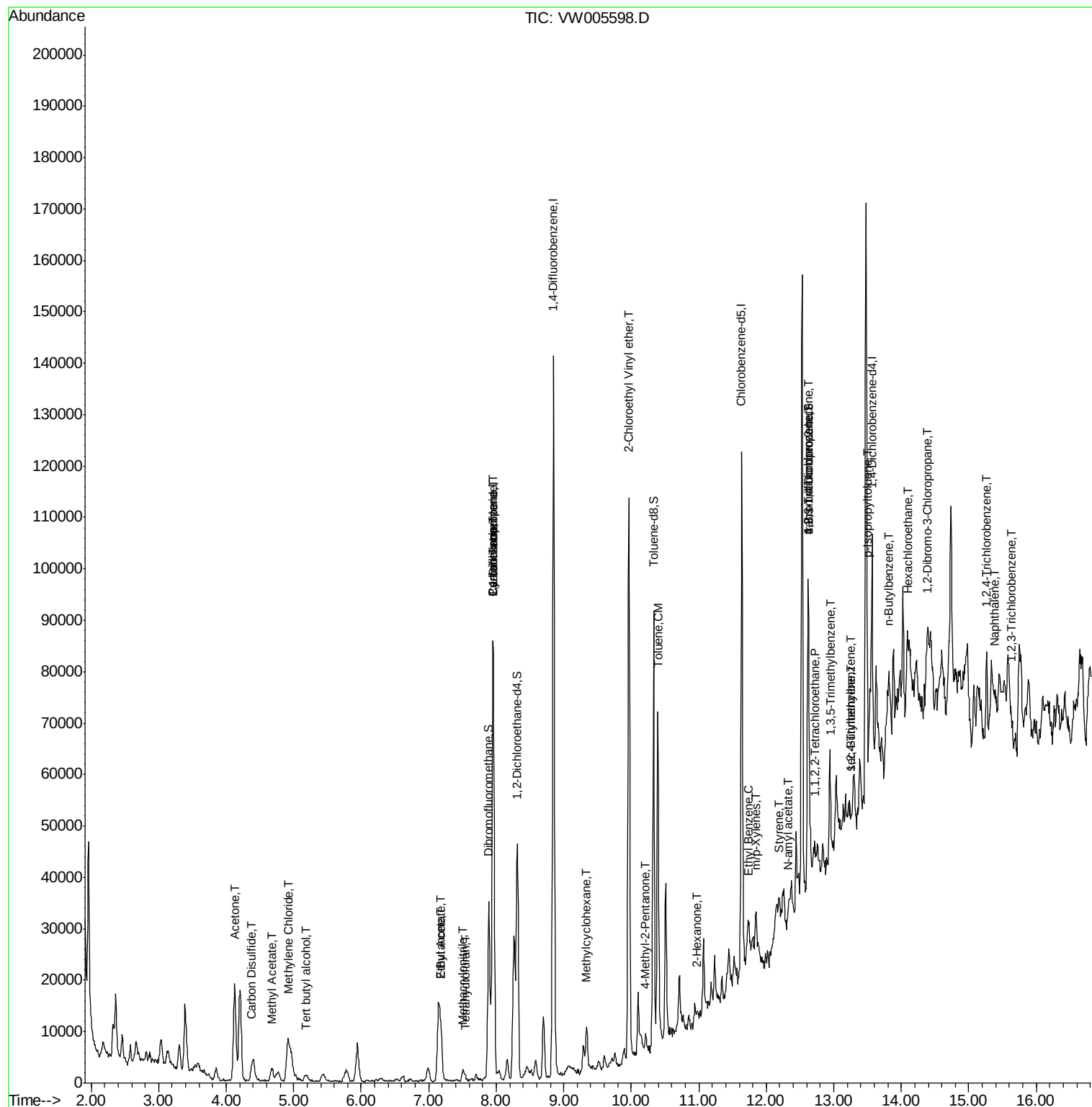
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.63	180	474	2.020	ug/l	57

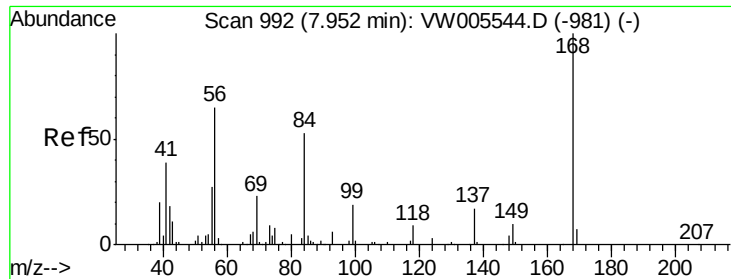
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

Instrument :

MSVOA_W

ClientSampleId :

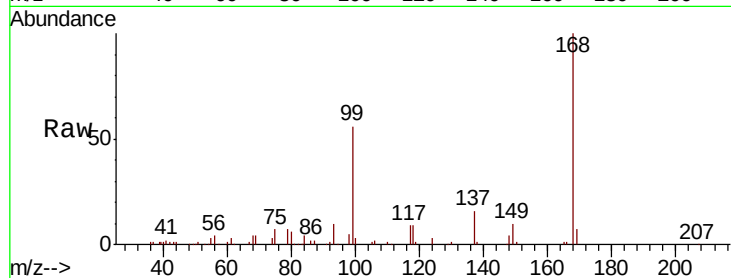
NS-SLUDGERE

Tot Ion:168 Resp: 60227

Ion Ratio Lower Upper

168 100

99 55.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

30000

25000

20000

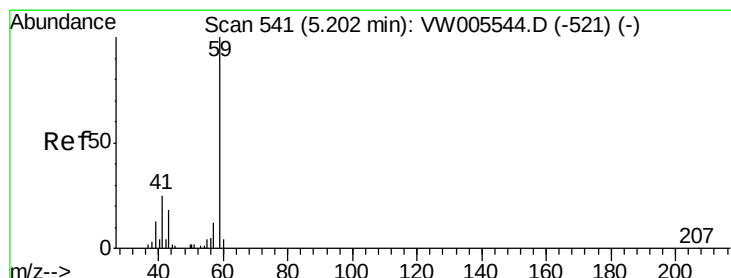
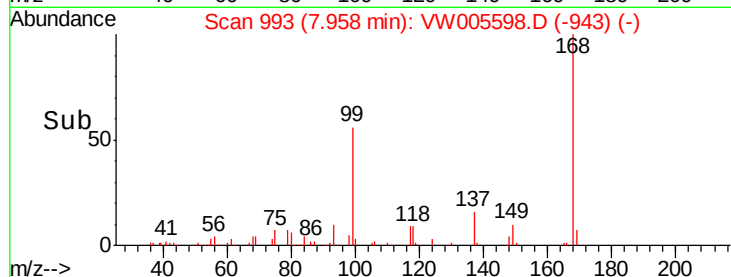
15000

10000

5000

0

Time-->



#11

Tert butyl alcohol

Concen: 58.207 ug/l

RT: 5.18 min Scan# 538

Delta R.T. -0.02 min

Lab File: VW005598.D

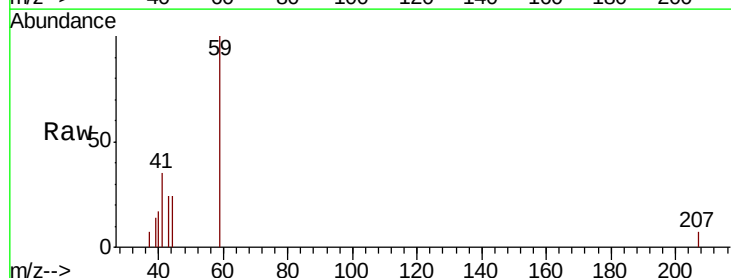
Acq: 24 Sep 2018 20:56

Tgt Ion: 59 Resp: 2199

Ion Ratio Lower Upper

59 100

57 1.7 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

800

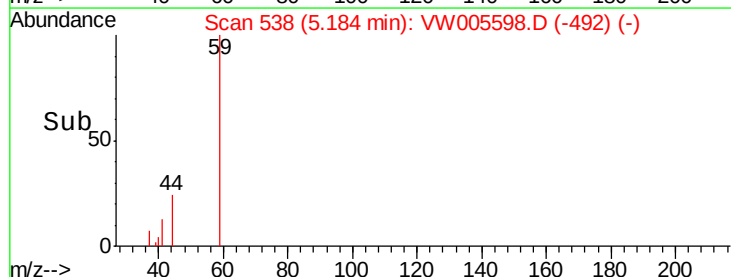
600

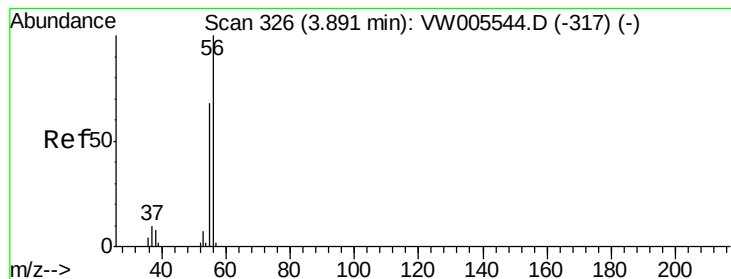
400

200

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

Instrument :

MSVOA_W

ClientSampleId :

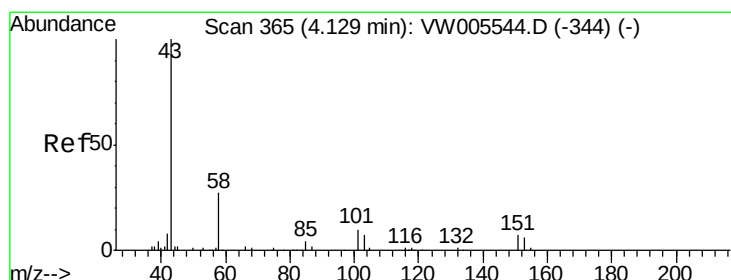
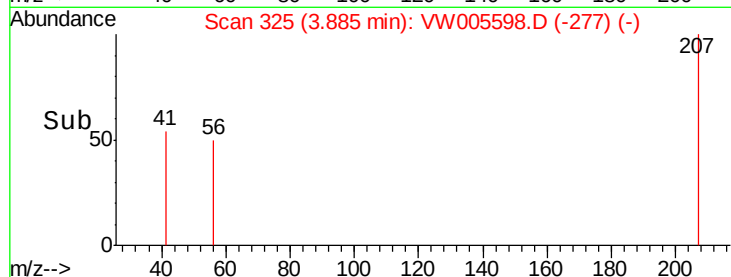
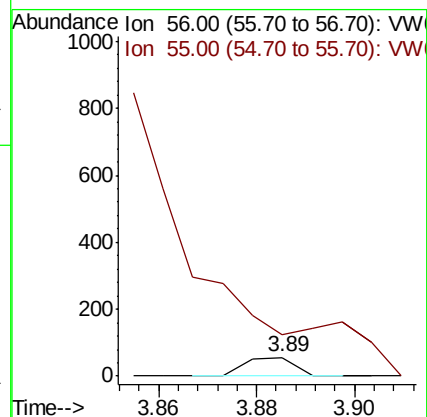
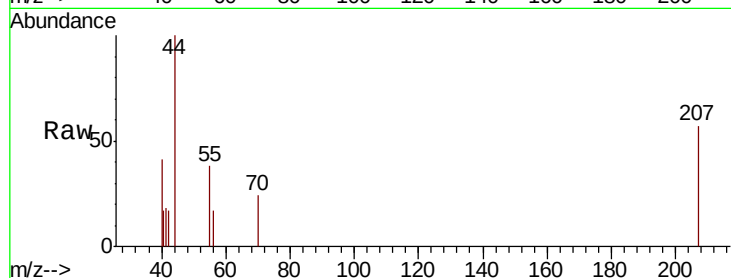
NS-SLUDGERE

Tot Ion: 56 Resp: 39

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.8#



#16

Acetone

Concen: 296.096 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005598.D

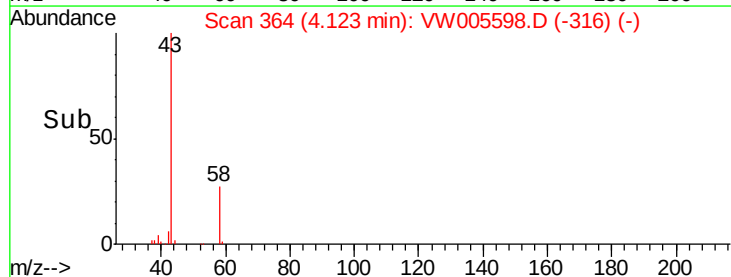
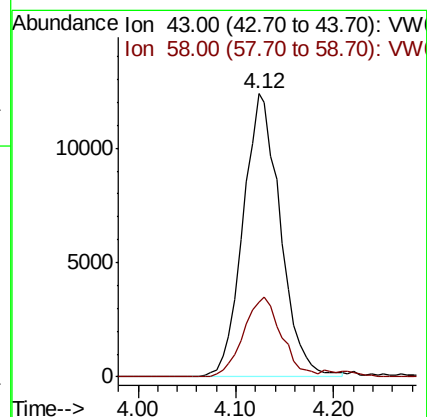
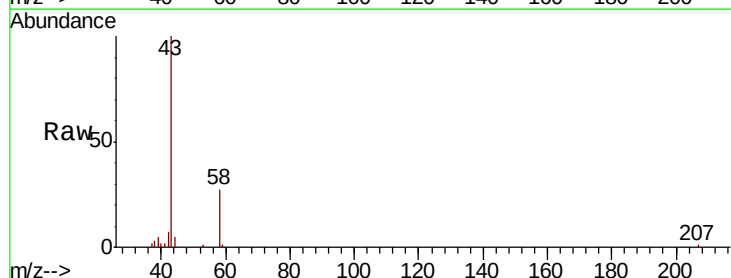
Acq: 24 Sep 2018 20:56

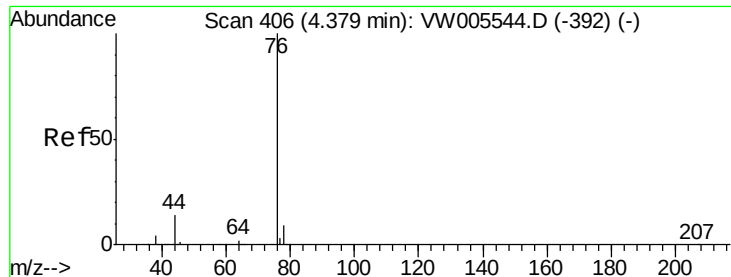
Tgt Ion: 43 Resp: 32833

Ion Ratio Lower Upper

43 100

58 26.6 21.8 32.8





#17

Carbon Disulfide

Concen: 2.096 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

Instrument :

MSVOA_W

ClientSampleId :

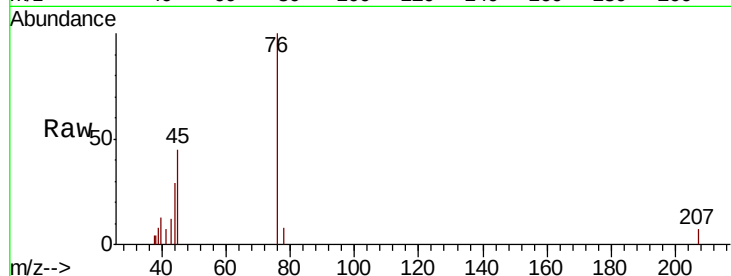
NS-SLUDGERE

Tot Ion: 76 Resp: 3592

Ion Ratio Lower Upper

76 100

78 7.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

1500

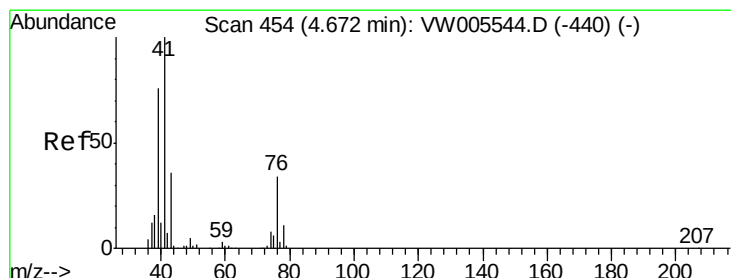
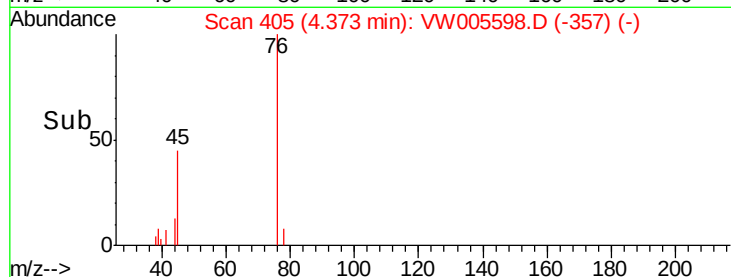
1000

500

0

4.30 4.35 4.40 4.45

Time-->



#18

Methyl Acetate

Concen: 14.342 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW005598.D

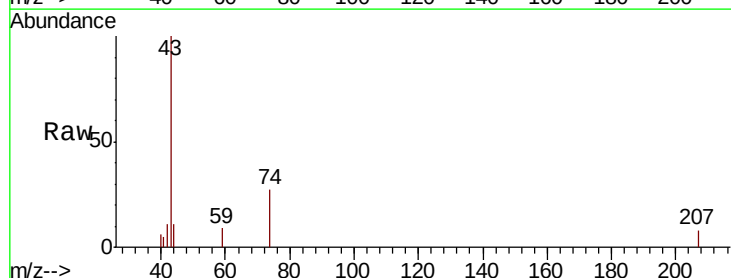
Acq: 24 Sep 2018 20:56

Tgt Ion: 43 Resp: 4823

Ion Ratio Lower Upper

43 100

74 21.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

1500

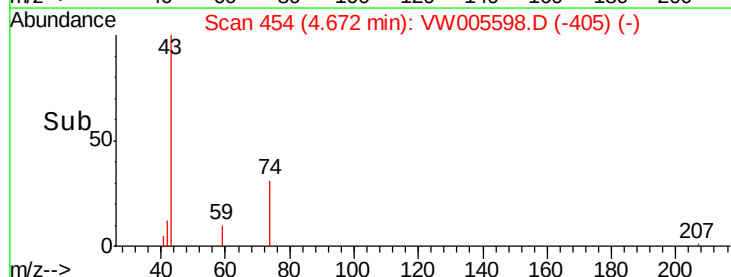
1000

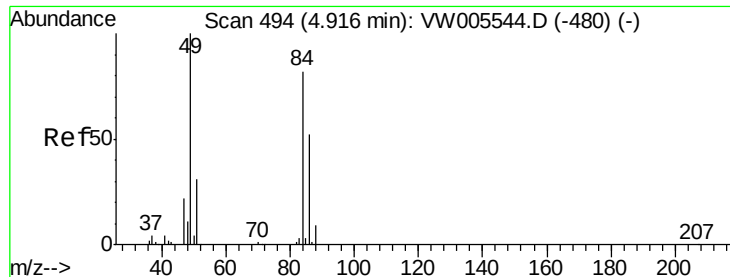
500

0

4.60 4.65 4.70 4.75

Time-->



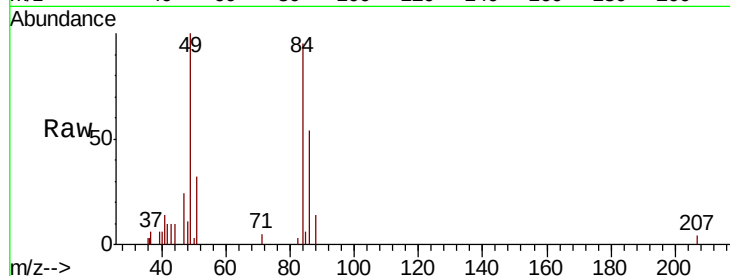


#20
Methylene Chloride
Concen: 5.636 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

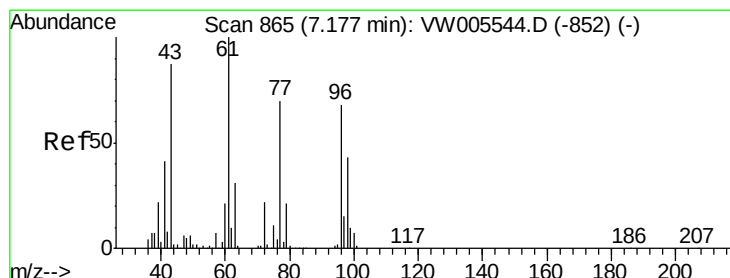
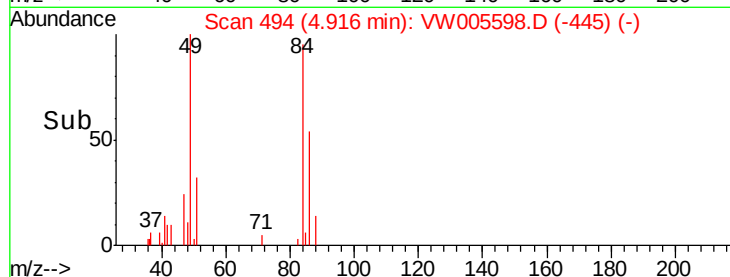
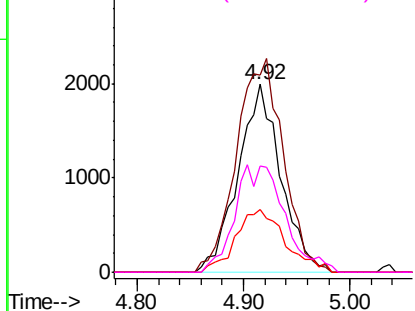
Instrument :
MSVOA_W
ClientSampleId :
NS-SLUDGERE

Tot Ion: 84 Resp: 5612

Ion	Ratio	Lower	Upper
84	100		
49	104.8	97.0	145.6
51	33.3	30.2	45.2
86	56.8	50.2	75.4



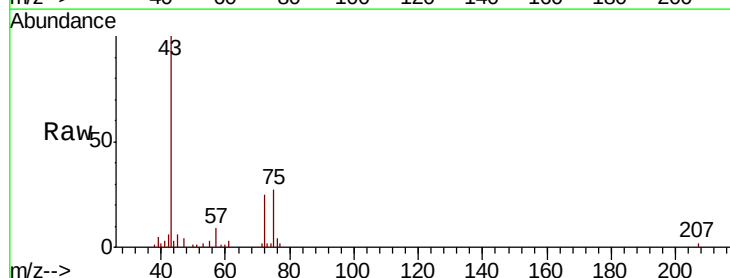
Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW



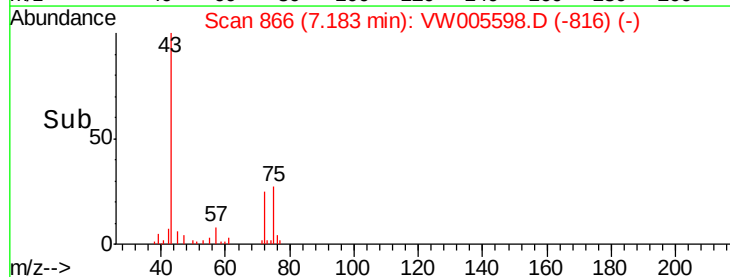
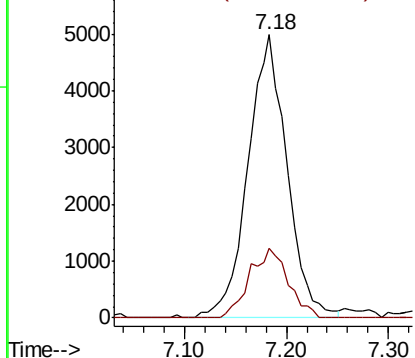
#25
2-Butanone
Concen: 76.918 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

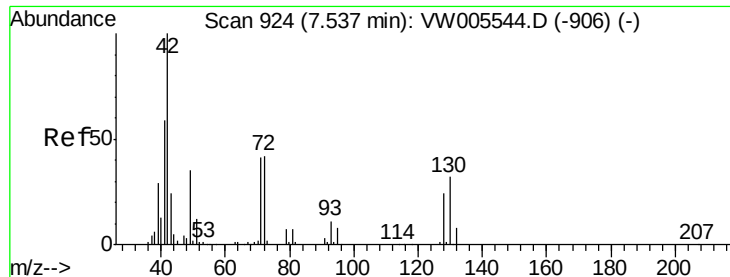
Tgt Ion: 43 Resp: 13255

Ion	Ratio	Lower	Upper
43	100		
72	24.6	19.9	29.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

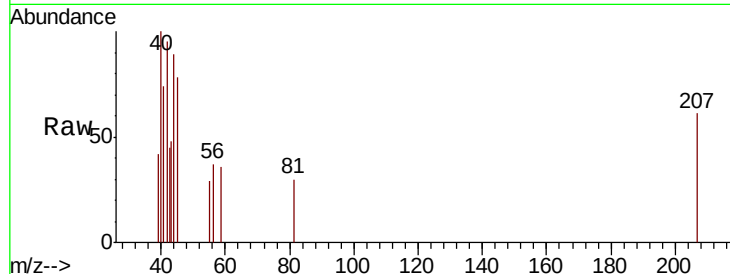




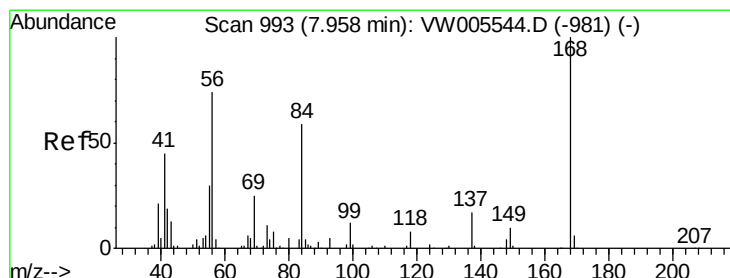
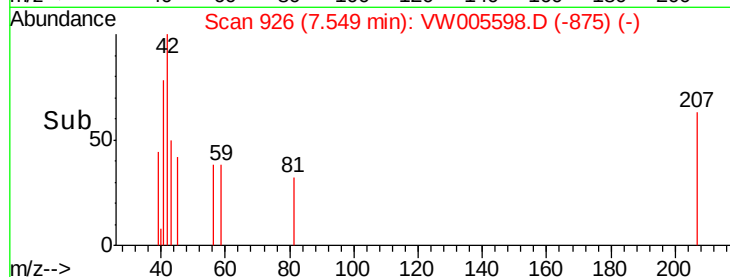
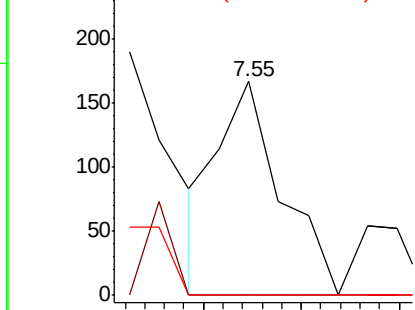
#29
Tetrahydrofuran
Concen: 1.412 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Instrument :
MSVOA_W
ClientSampled :
NS-SLUDGERE

Tot Ion: 42 Resp: 152
Ion Ratio Lower Upper
42 100
72 0.0 33.6 50.4#
71 0.0 31.8 47.6#

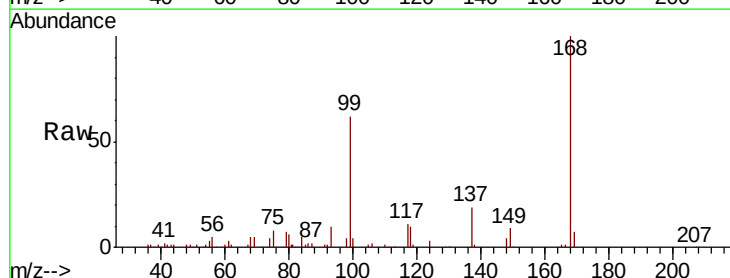


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

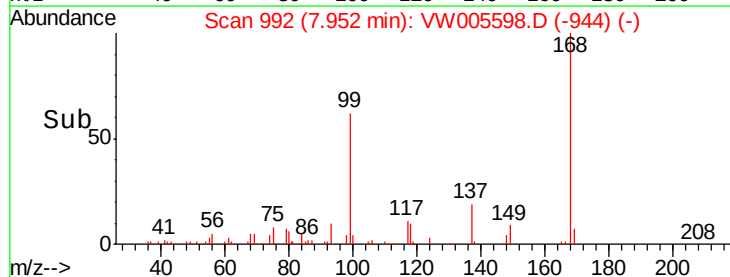
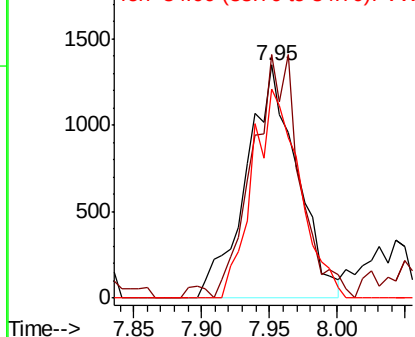


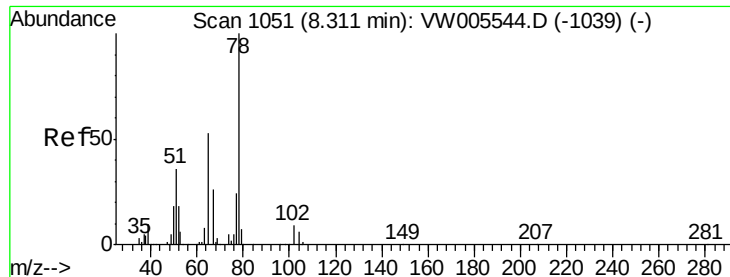
#31
Cyclohexane
Concen: 3.221 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Tgt Ion: 56 Resp: 3543
Ion Ratio Lower Upper
56 100
69 100.1 27.0 40.4#
84 90.0 64.2 96.4



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

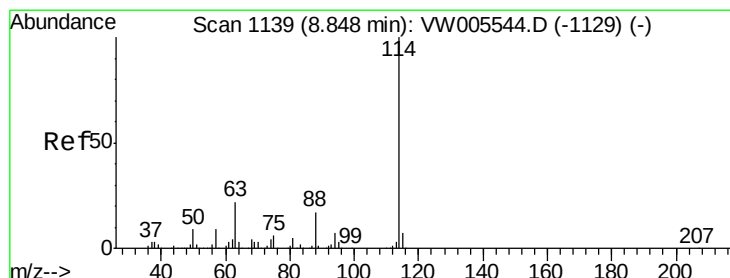
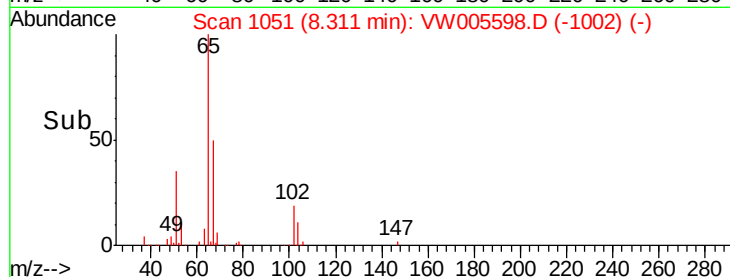
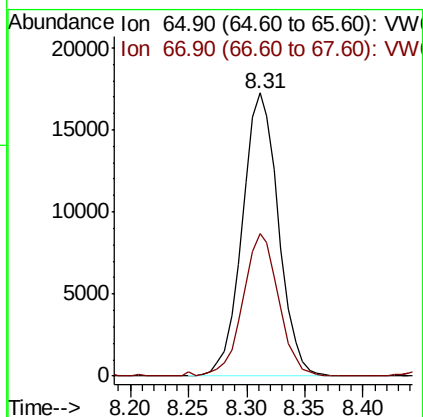
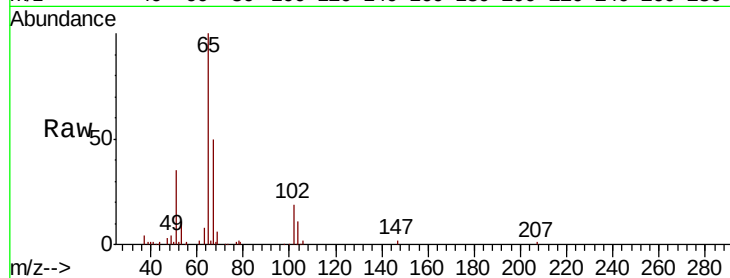




#33
 1,2-Dichloroethane-d4
 Concen: 52.492 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005598.D
 Acq: 24 Sep 2018 20:56

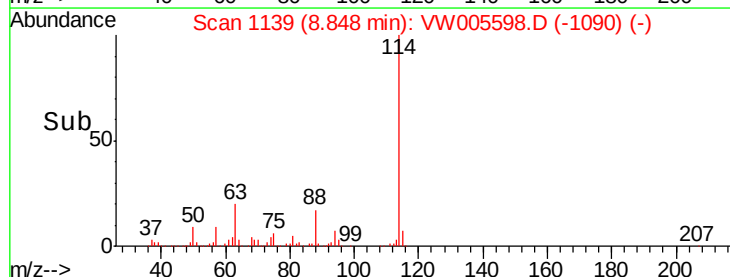
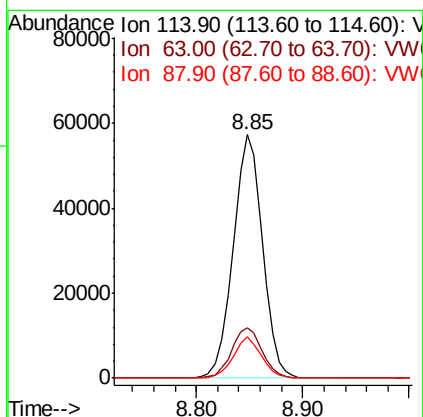
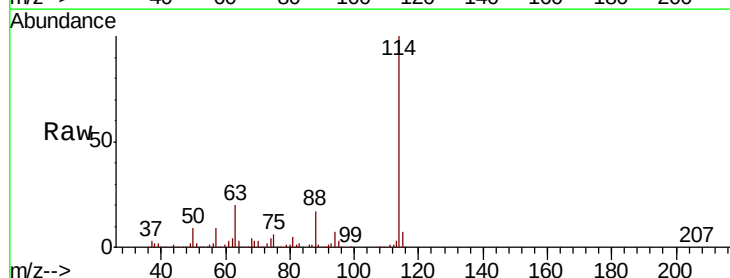
Instrument :
 MSVOA_W
 ClientSampleId :
 NS-SLUDGERE

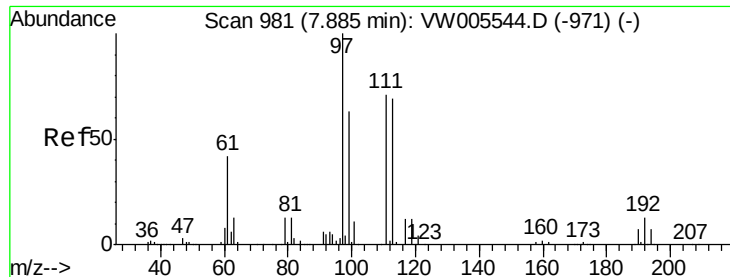
Tot Ion: 65 Resp: 37244
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005598.D
 Acq: 24 Sep 2018 20:56

Tgt Ion: 114 Resp: 110552
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.0
 88 17.2 0.0 33.0

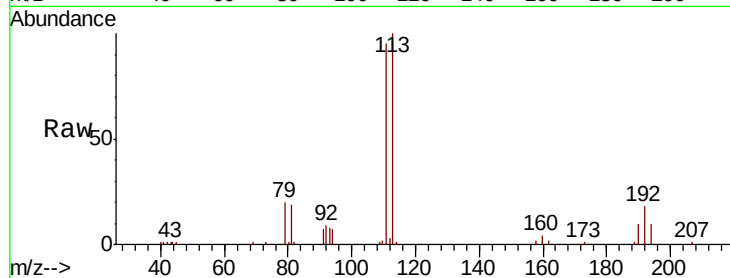




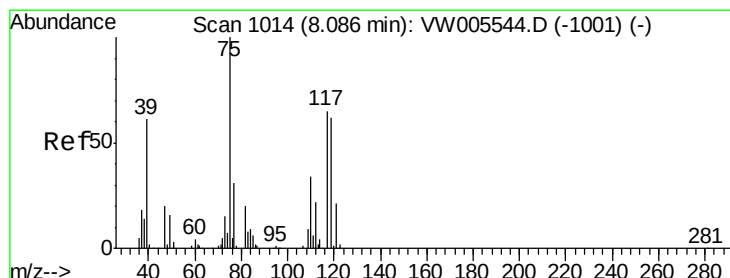
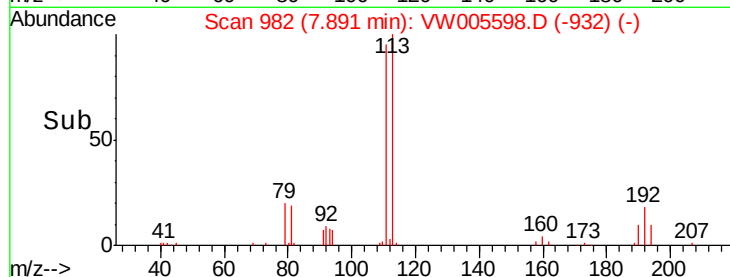
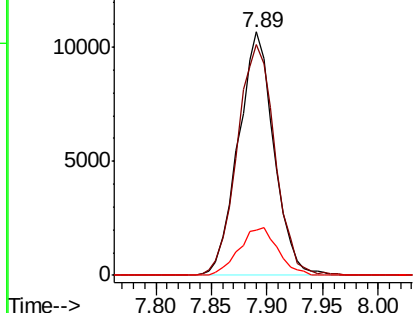
#35
 Dibromofluoromethane
 Concen: 34.032 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005598.D
 Acq: 24 Sep 2018 20:56

Instrument :
 MSVOA_W
 ClientSampleId :
 NS-SLUDGERE

Tot Ion:113 Resp: 23660
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.6 123.8
 192 21.3 17.0 25.4

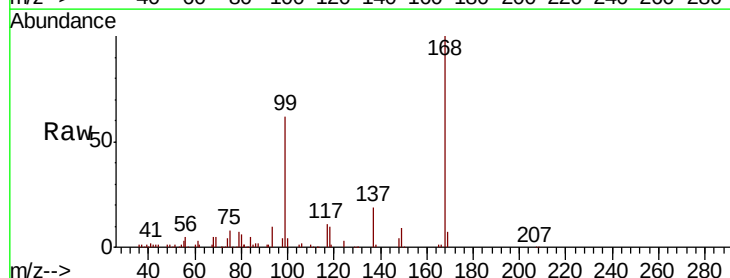


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

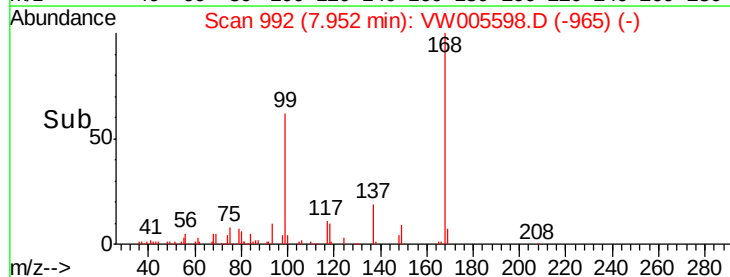
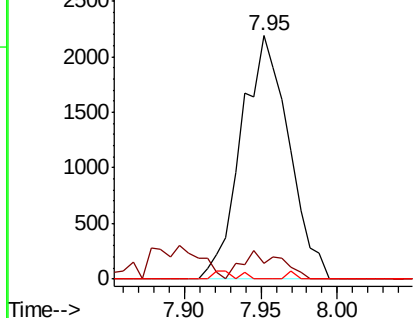


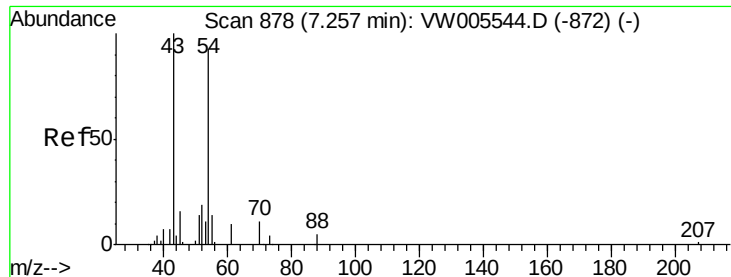
#36
 1,1-Dichloropropene
 Concen: 4.254 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005598.D
 Acq: 24 Sep 2018 20:56

Tgt Ion: 75 Resp: 4734
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.0 50.9#
 77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 28.303 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.07 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

Instrument :

MSVOA_W

ClientSampleId :

NS-SLUDGERE

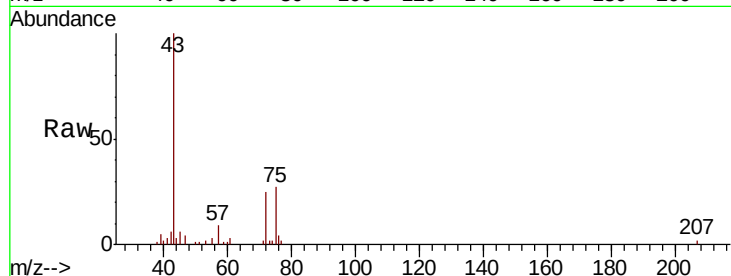
Tot Ion: 43 Resp: 13255

Ion Ratio Lower Upper

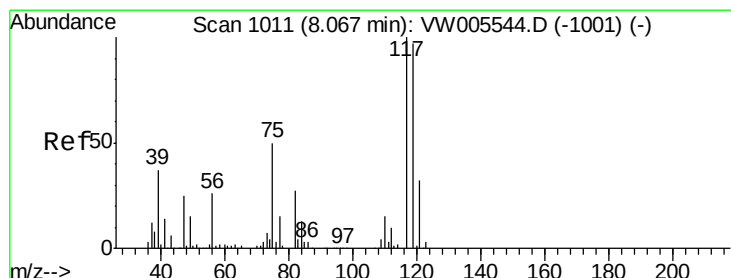
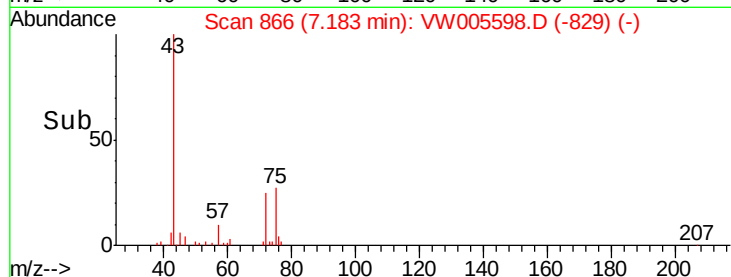
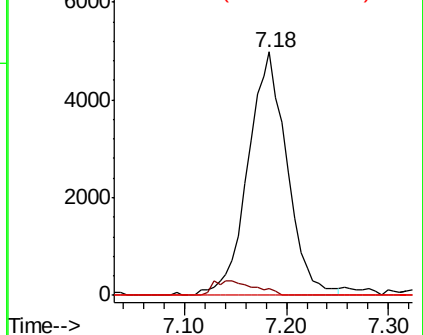
43 100

61 0.0 10.4 15.6#

70 0.0 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 4.931 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

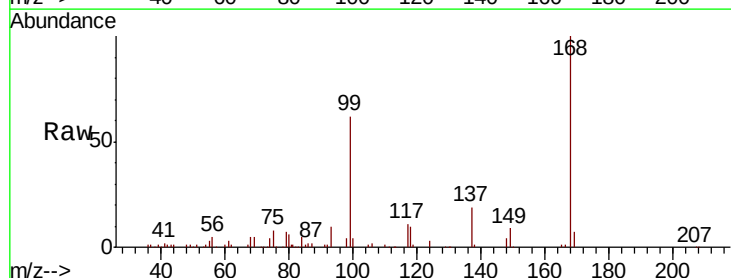
Tgt Ion: 117 Resp: 5880

Ion Ratio Lower Upper

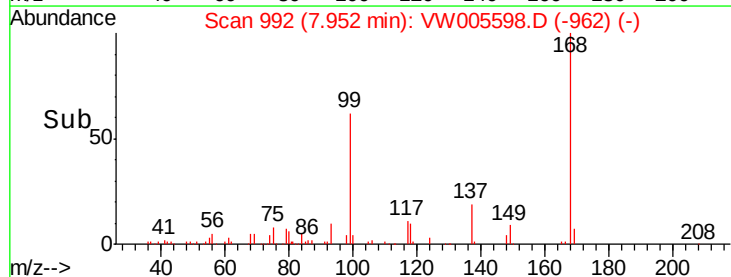
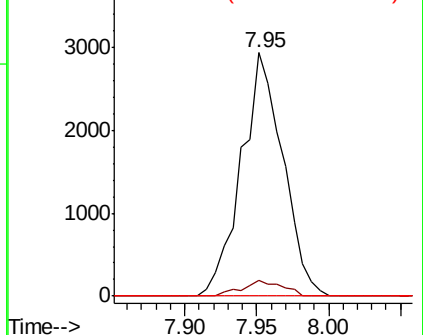
117 100

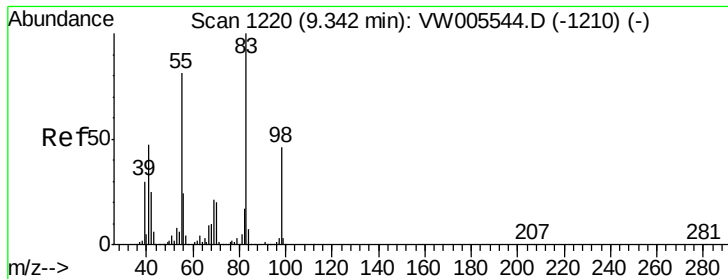
119 6.3 77.6 116.4#

121 0.0 25.7 38.5#



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

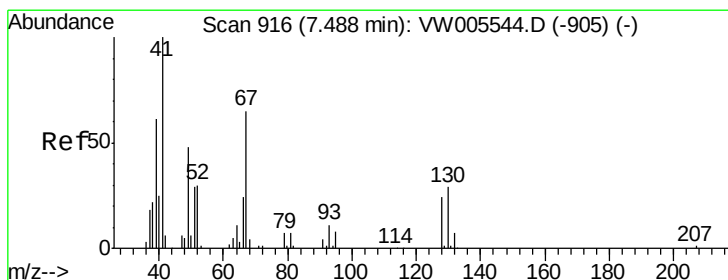
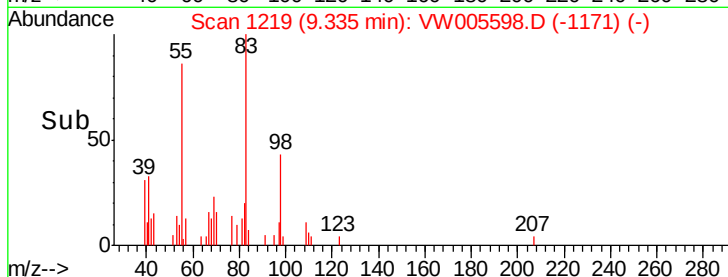
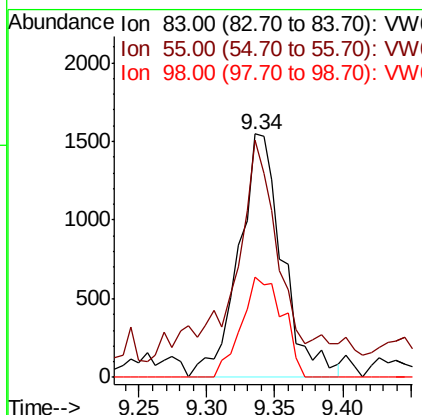
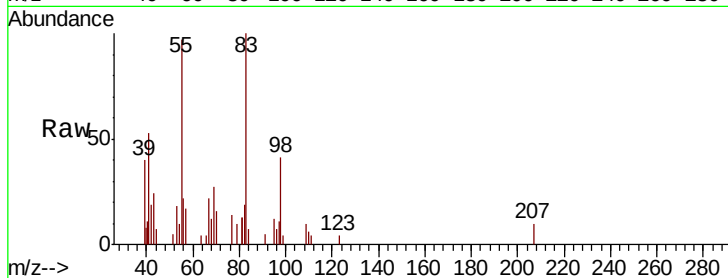




#39
Methylcyclohexane
Concen: 2.660 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

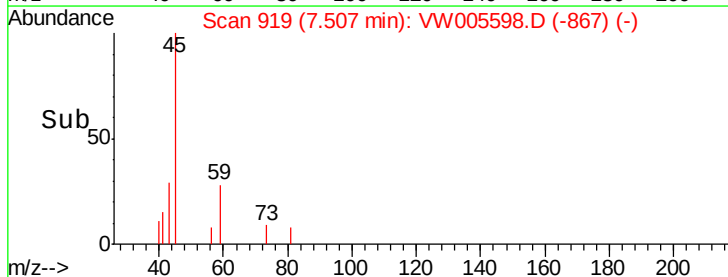
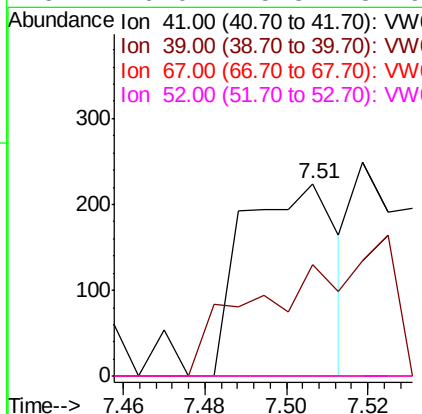
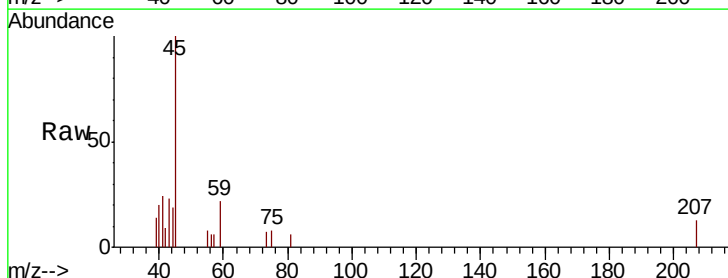
Instrument :
MSVOA_W
ClientSampled :
NS-SLUDGERE

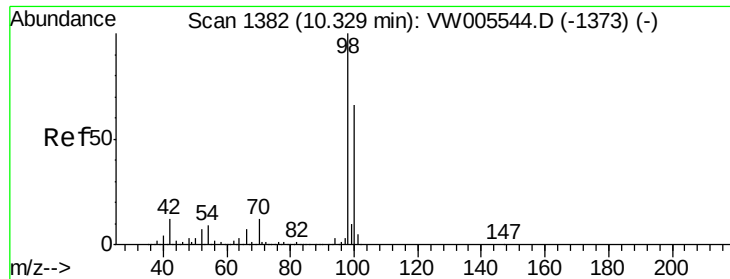
Tot Ion: 83 Resp: 3492
Ion Ratio Lower Upper
83 100
55 83.3 64.6 97.0
98 41.1 37.0 55.6



#41
Methacrylonitrile
Concen: 1.328 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.02 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Tgt Ion: 41 Resp: 354
Ion Ratio Lower Upper
41 100
39 89.3 45.4 68.2#
67 0.0 55.2 82.8#
52 0.0 25.3 37.9#

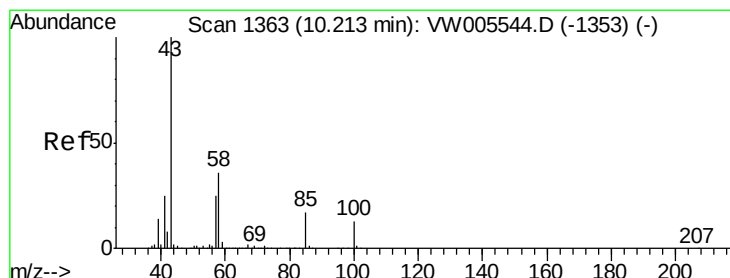
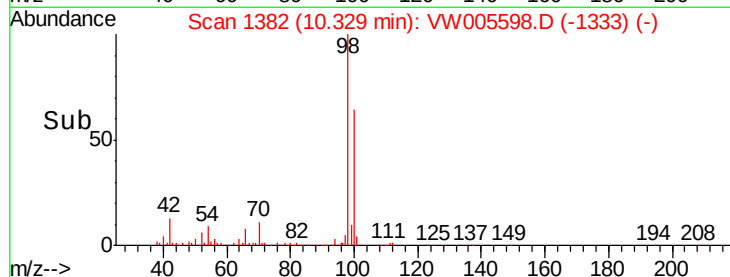
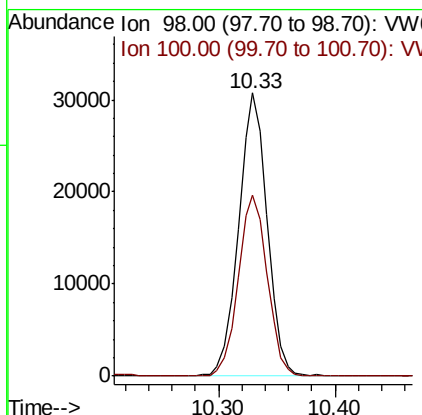
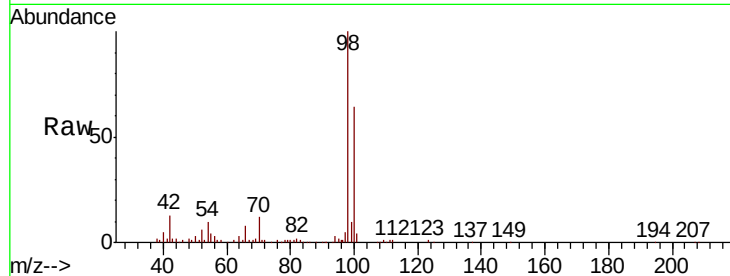




#50
Toluene-d8
Concen: 18.529 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

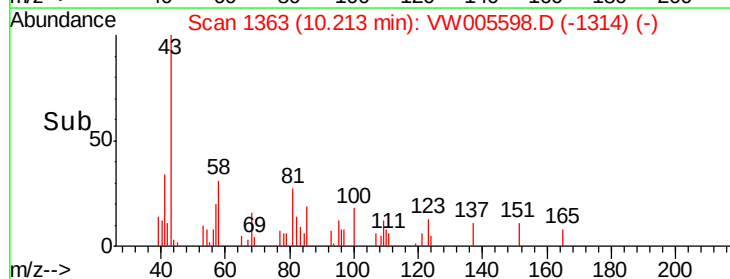
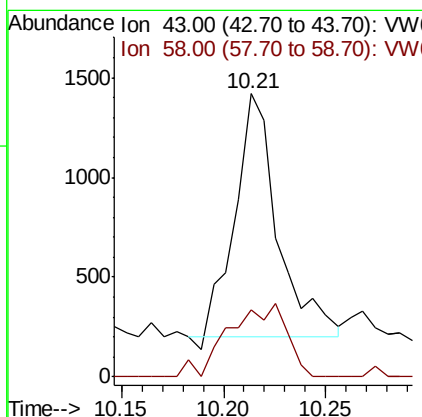
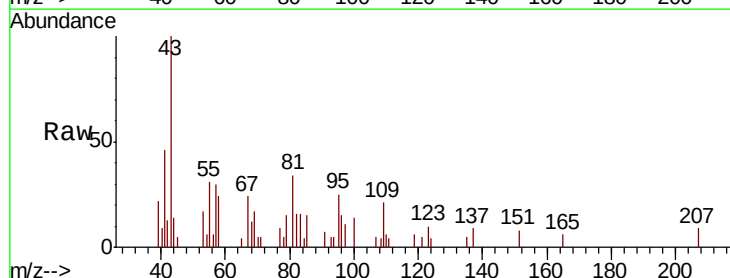
Instrument :
MSVOA_W
ClientSampleId :
NS-SLUDGERE

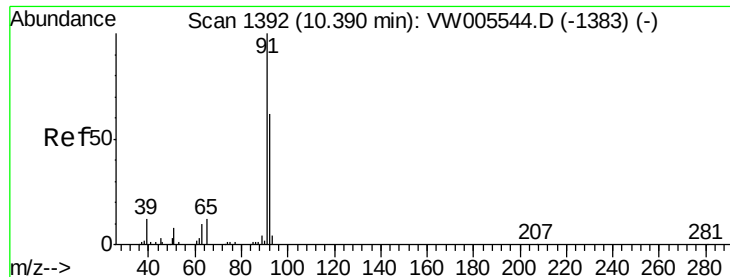
Tot Ion: 98 Resp: 52451
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 3.786 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Tgt Ion: 43 Resp: 1756
Ion Ratio Lower Upper
43 100
58 41.6 30.0 45.0





#52

Toluene

Concen: 14.026 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

Instrument :

MSVOA_W

ClientSampleId :

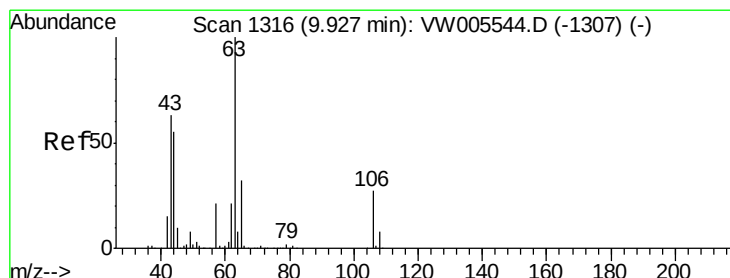
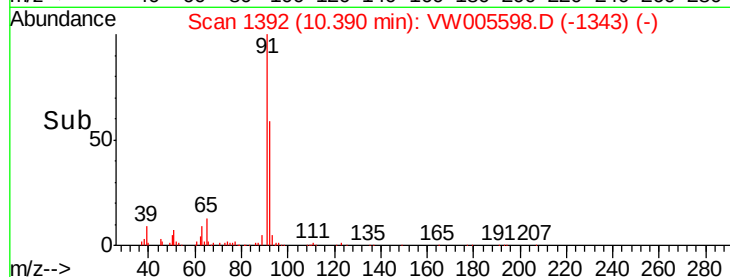
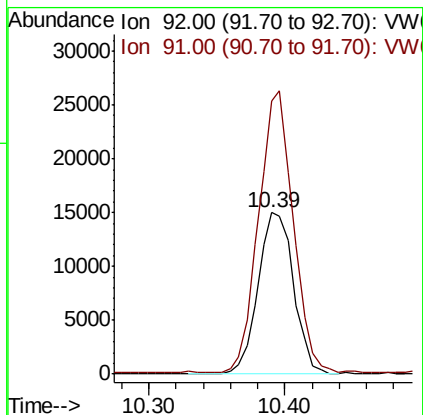
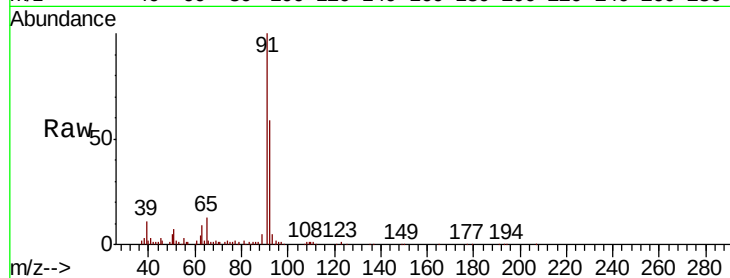
NS-SLUDGERE

Tot Ion: 92 Resp: 27596

Ion Ratio Lower Upper

92 100

91 168.4 137.1 205.7



#58

2-Chloroethyl Vinyl ether

Concen: 1.413 ug/l

RT: 9.97 min Scan# 1323

Delta R.T. 0.04 min

Lab File: VW005598.D

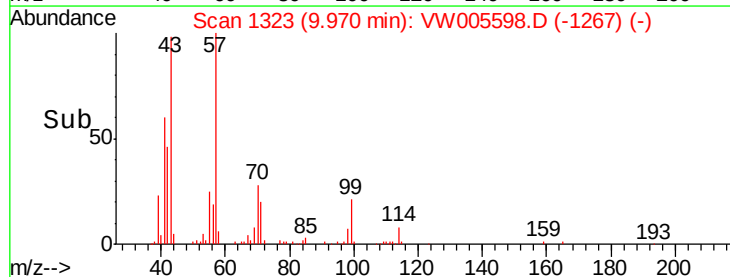
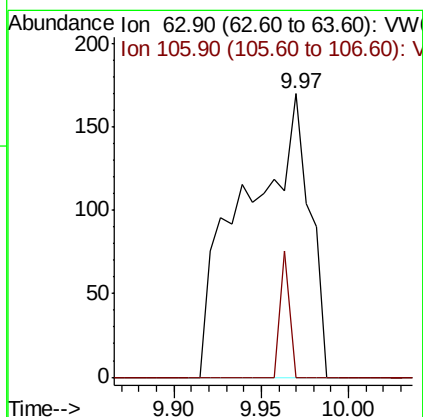
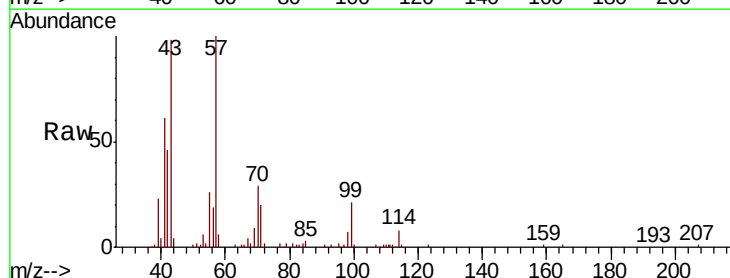
Acq: 24 Sep 2018 20:56

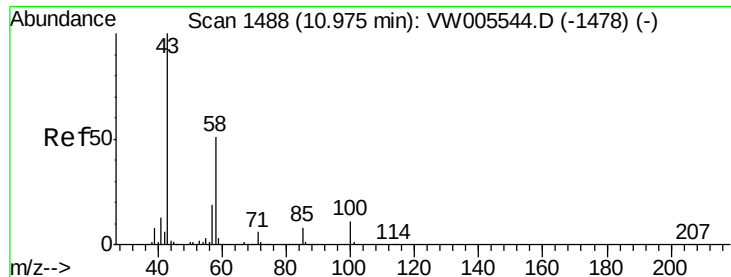
Tgt Ion: 63 Resp: 435

Ion Ratio Lower Upper

63 100

106 6.4 21.6 32.4#

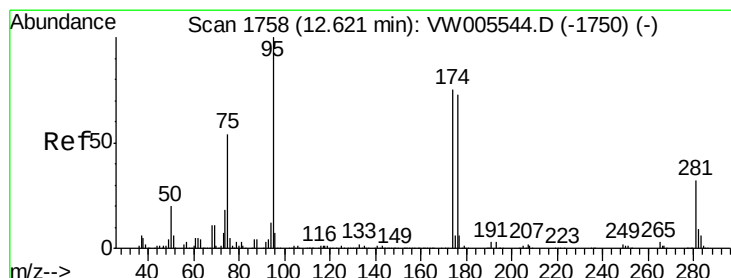
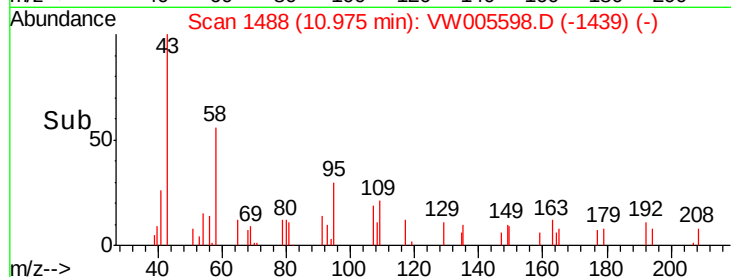
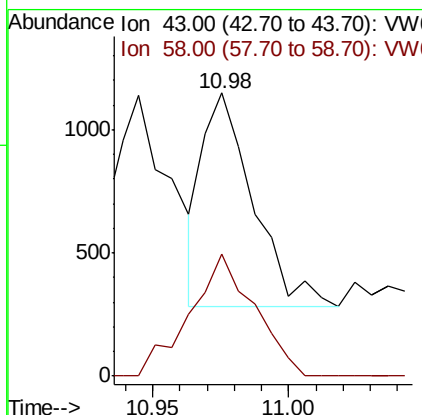
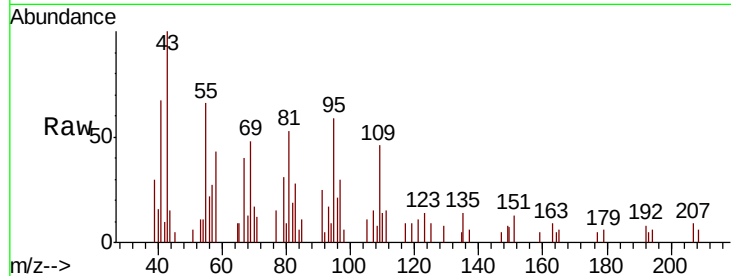




#59
2-Hexanone
Concen: 3.523 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

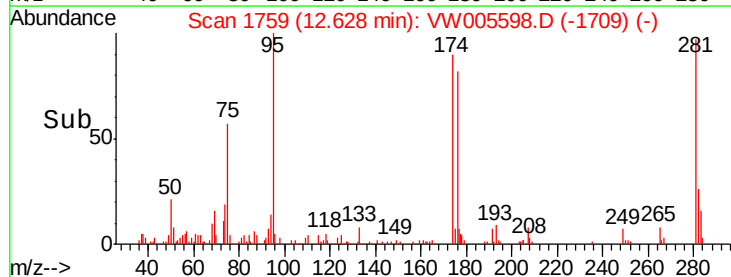
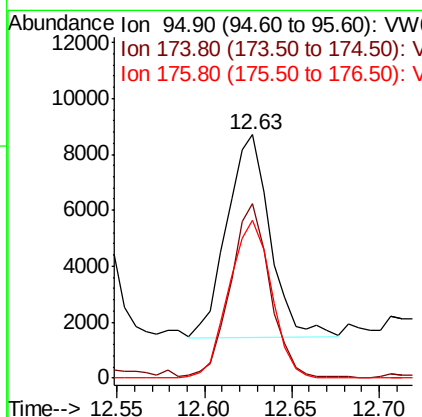
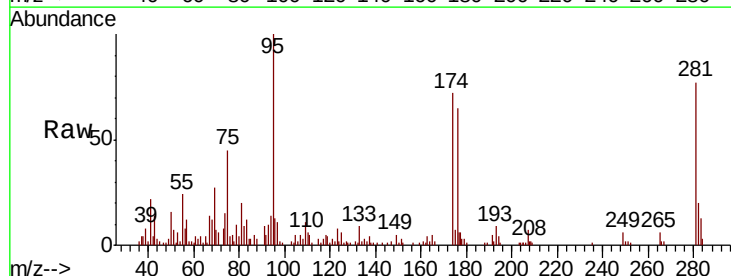
Instrument :
MSVOA_W
ClientSampleId :
NS-SLUDGERE

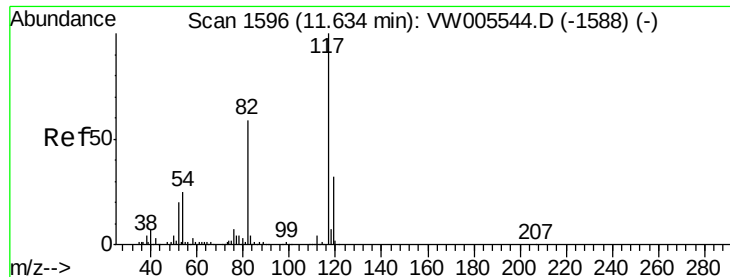
Tot Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
58 72.7 25.3 75.9



#62
4-Bromofluorobenzene
Concen: 11.911 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Tgt Ion: 95 Resp: 12476
Ion Ratio Lower Upper
95 100
174 79.0 0.0 163.8
176 76.1 0.0 158.0

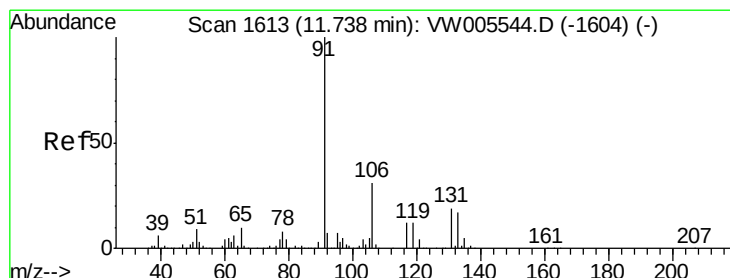
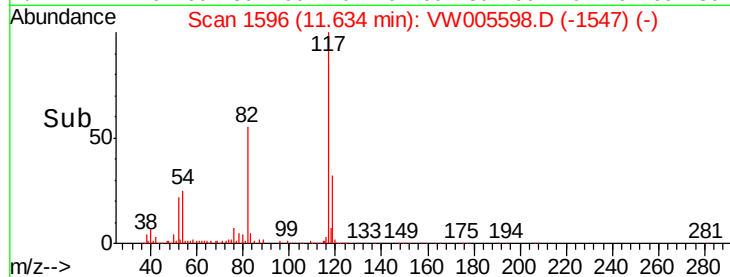
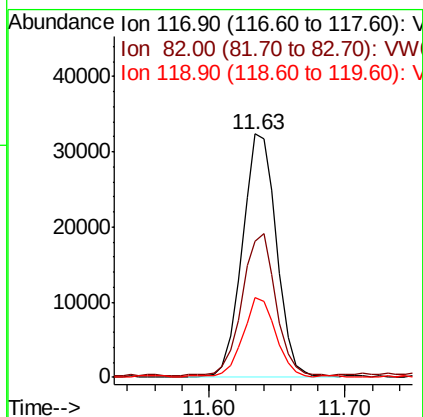
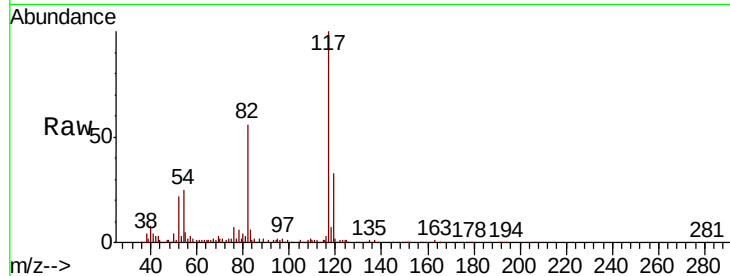




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

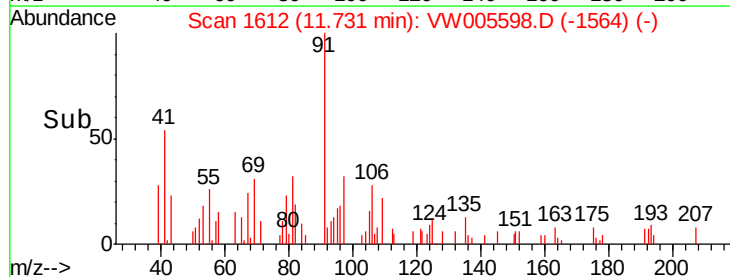
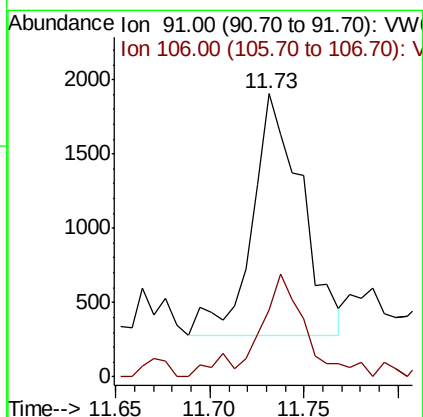
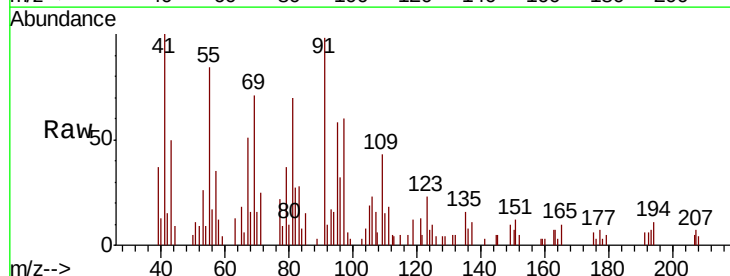
Instrument :
MSVOA_W
ClientSampleId :
NS-SLUDGERE

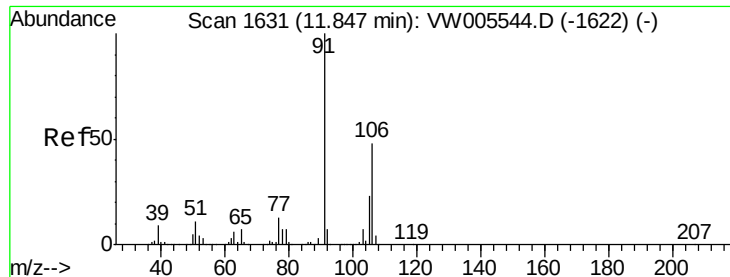
Tot Ion:117 Resp: 56831
Ion Ratio Lower Upper
117 100
82 54.9 46.9 70.3
119 32.1 25.7 38.5



#67
Ethyl Benzene
Concen: 1.384 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Tgt Ion: 91 Resp: 2963
Ion Ratio Lower Upper
91 100
106 27.5 24.4 36.6

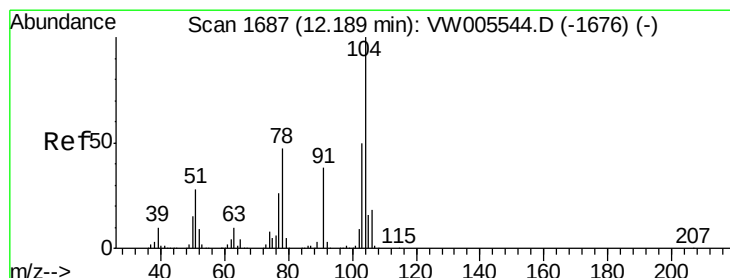
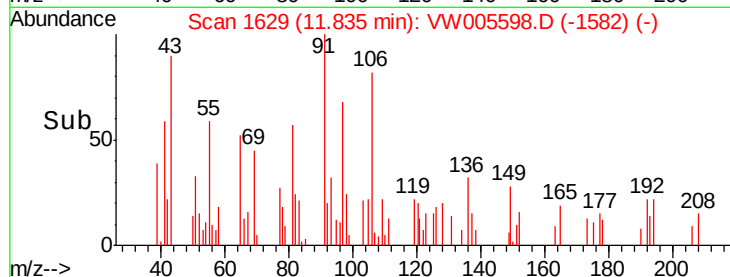
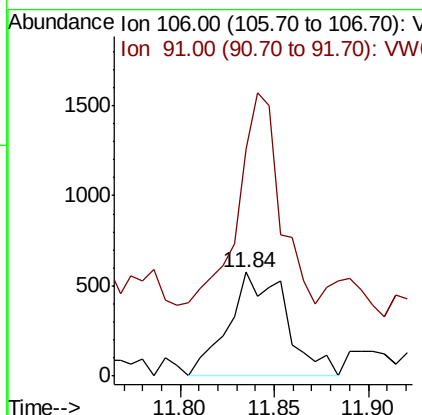
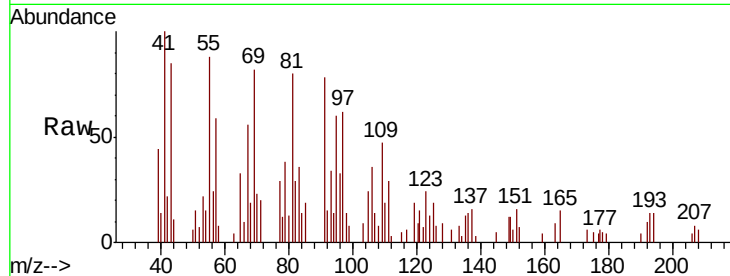




#68
m/p-Xvlenes
Concen: 1.522 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

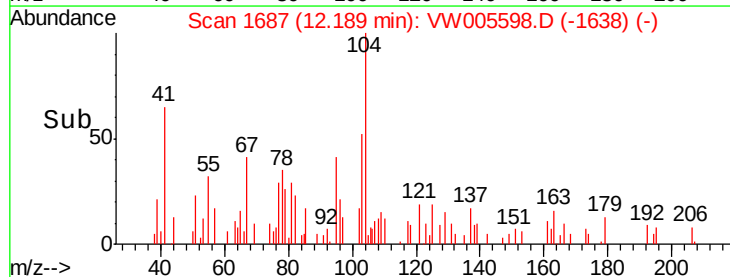
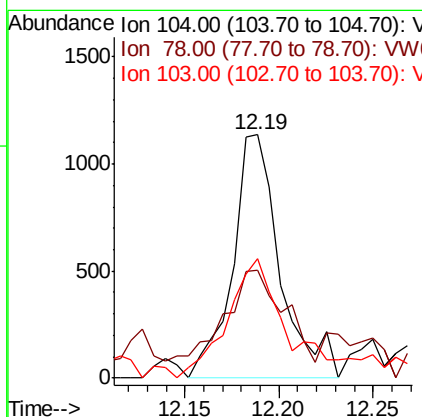
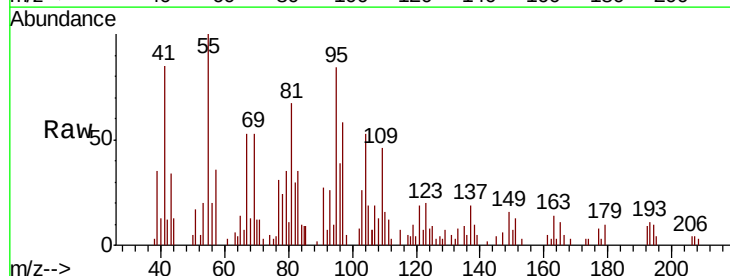
Instrument :
MSVOA_W
ClientSampleId :
NS-SLUDGERE

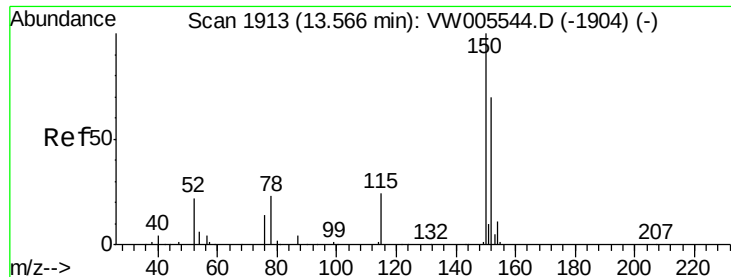
Tot Ion:106 Resp: 1231
Ion Ratio Lower Upper
106 100
91 150.5 167.8 251.8#



#70
Styrene
Concen: 1.561 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Tgt Ion:104 Resp: 1991
Ion Ratio Lower Upper
104 100
78 46.8 42.2 63.4
103 59.1 44.6 66.8



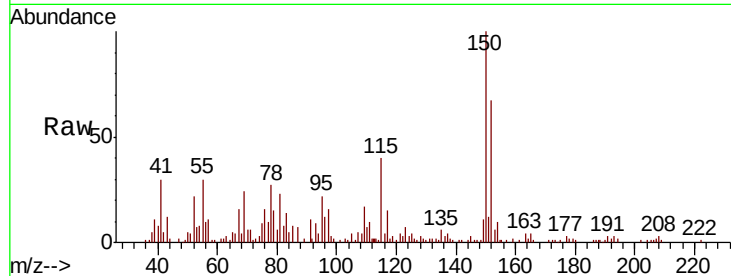


#72

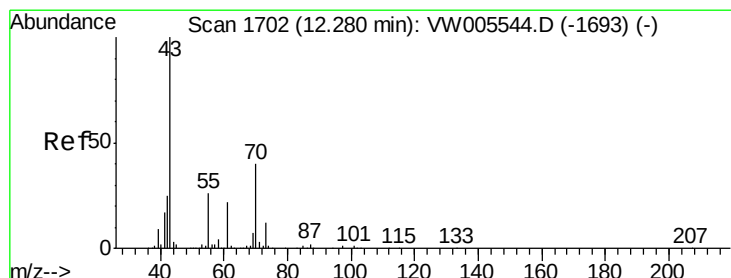
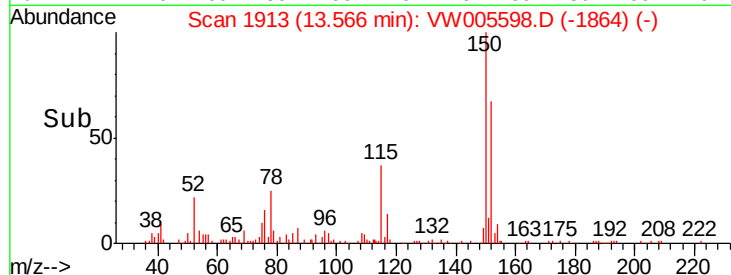
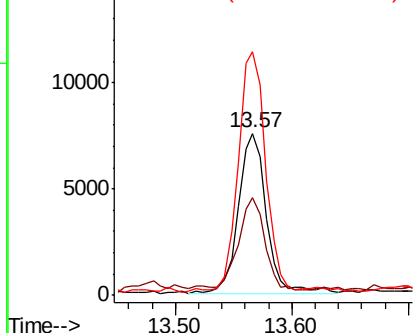
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Instrument :
MSVOA_W
ClientSampleId :
NS-SLUDGERE

Tot Ion:152 Resp: 12720
Ion Ratio Lower Upper
152 100
115 54.7 30.0 90.0
150 145.3 0.0 348.6



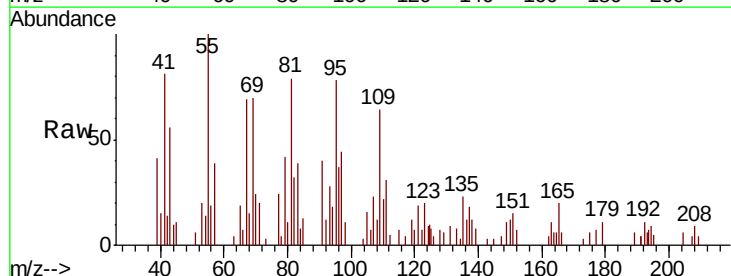
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



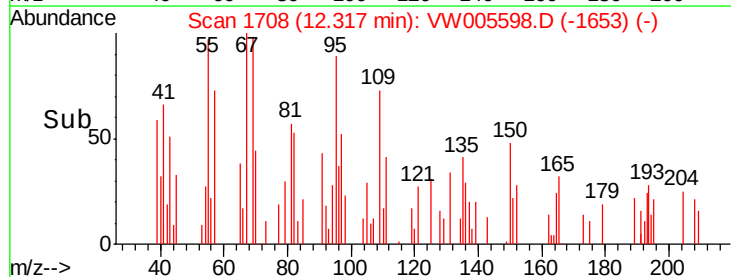
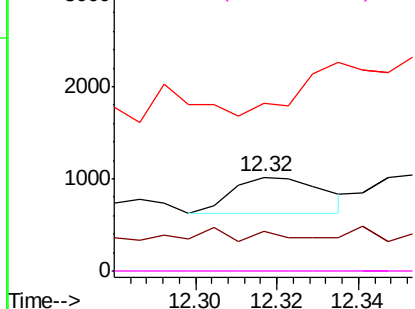
#74

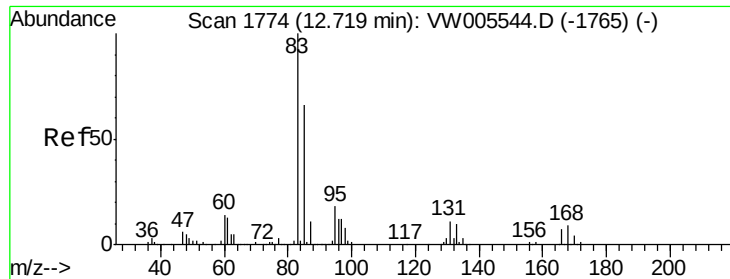
N-amil acetate
Concen: 3.099 ug/l
RT: 12.32 min Scan# 1708
Delta R.T. 0.04 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Tgt Ion: 43 Resp: 619
Ion Ratio Lower Upper
43 100
70 15.3 31.4 47.0#
55 0.0 20.9 31.3#
61 0.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 70.00 (69.70 to 70.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 1.843 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

Instrument :

MSVOA_W

ClientSampleId :

NS-SLUDGERE

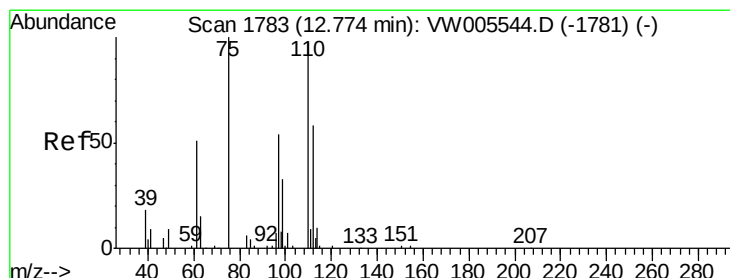
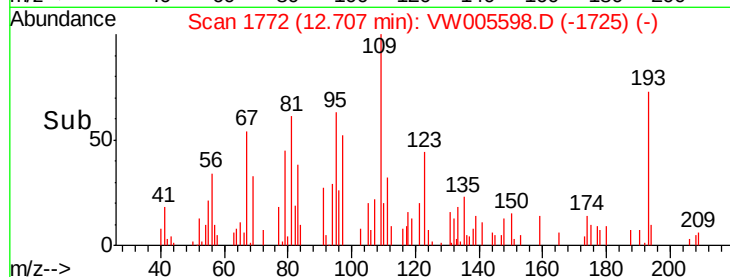
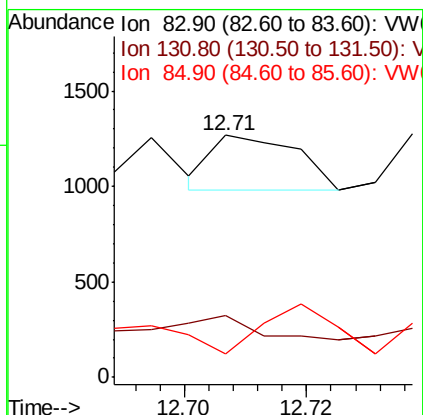
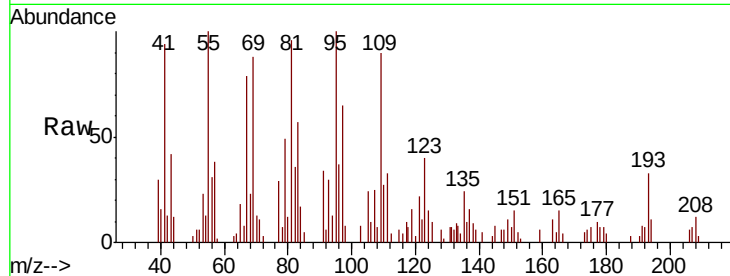
Tot Ion: 83 Resp: 270

Ion Ratio Lower Upper

83 100

131 71.1 5.5 16.7#

85 78.1 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 61.736 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW005598.D

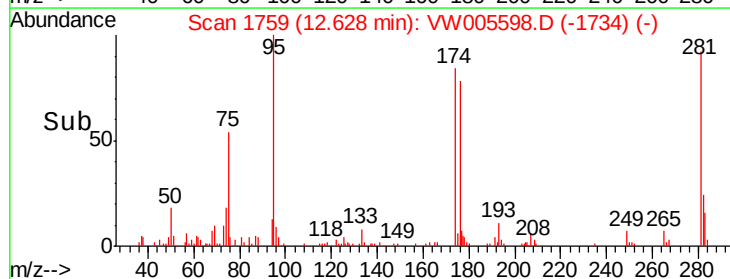
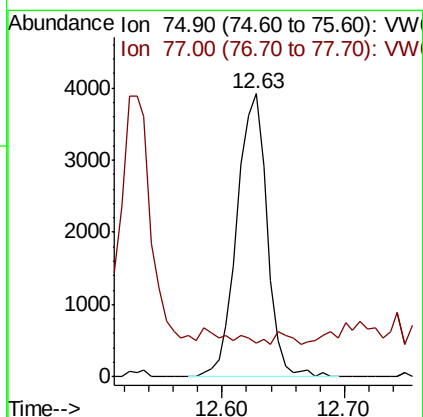
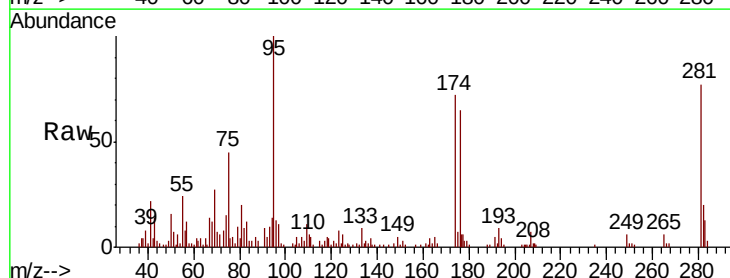
Acq: 24 Sep 2018 20:56

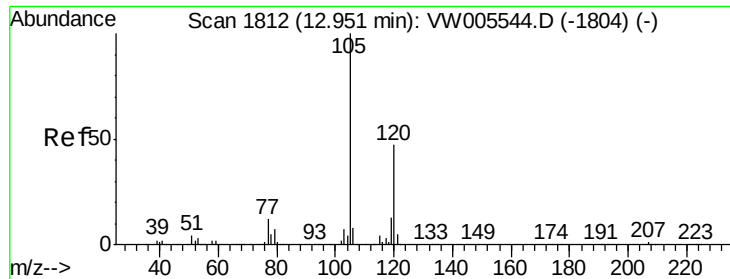
Tgt Ion: 75 Resp: 6694

Ion Ratio Lower Upper

75 100

77 2.9 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 1.342 ug/l

RT: 12.96 min Scan# 1813

Delta R.T. 0.01 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

Instrument :

MSVOA_W

ClientSampleId :

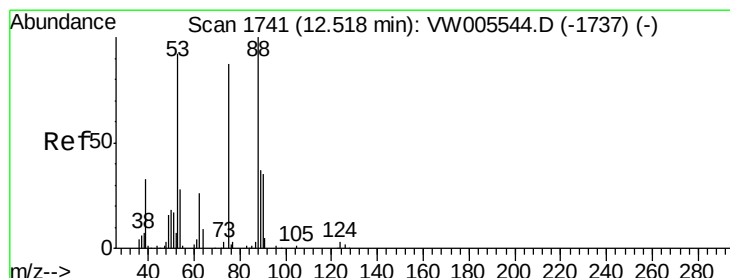
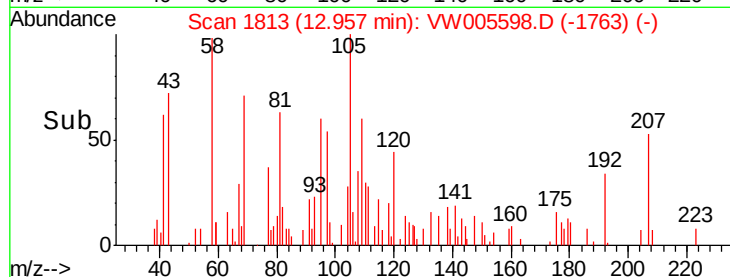
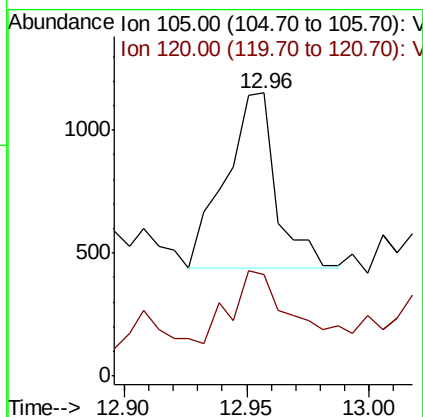
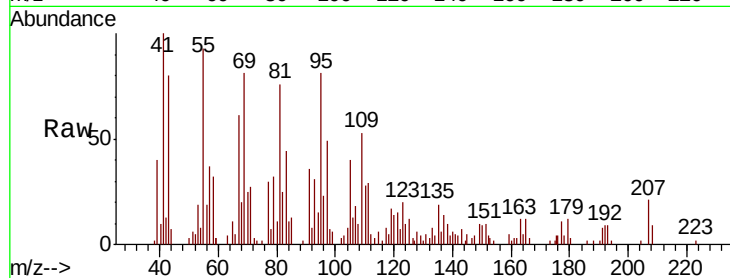
NS-SLUDGERE

Tot Ion:105 Resp: 1029

Ion Ratio Lower Upper

105 100

120 51.8 23.6 70.8



#81

trans-1,4-Dichloro-2-butene

Concen: 139.048 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

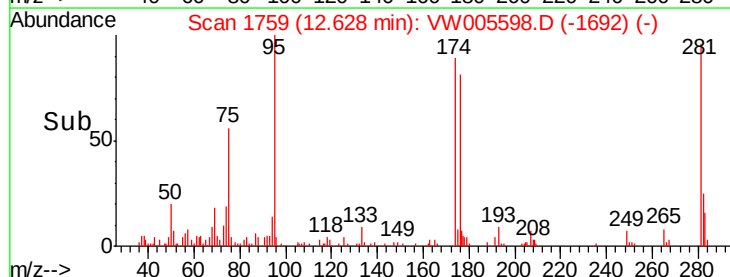
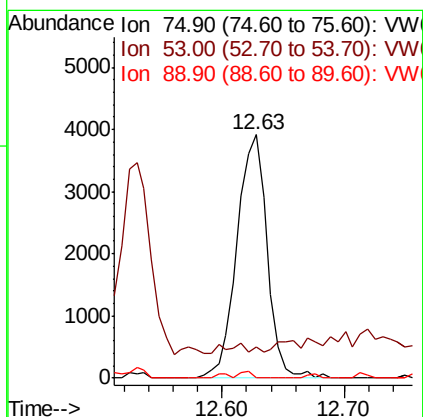
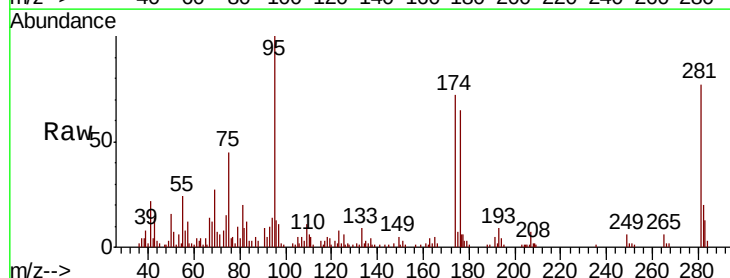
Tgt Ion: 75 Resp: 6694

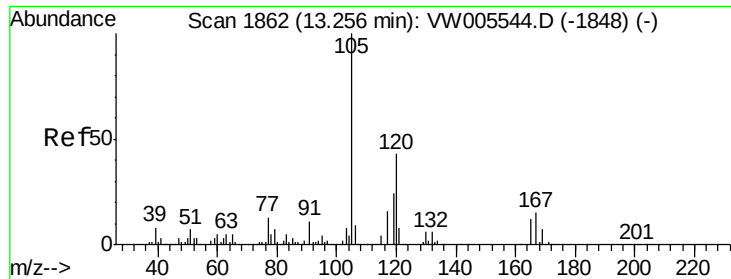
Ion Ratio Lower Upper

75 100

53 3.7 85.8 128.6#

89 1.9 37.3 55.9#

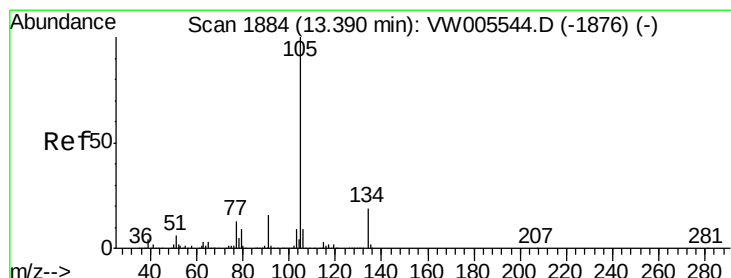
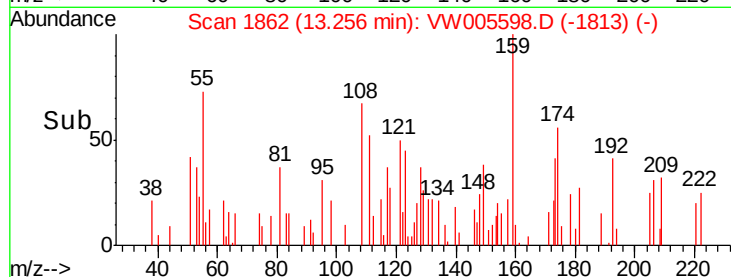
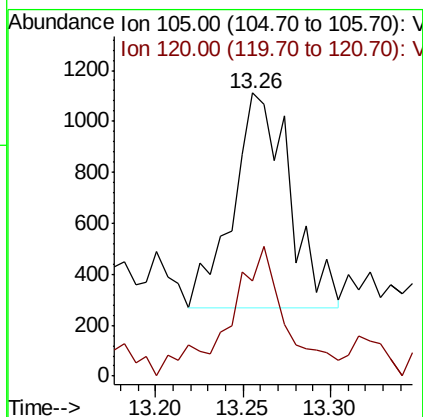
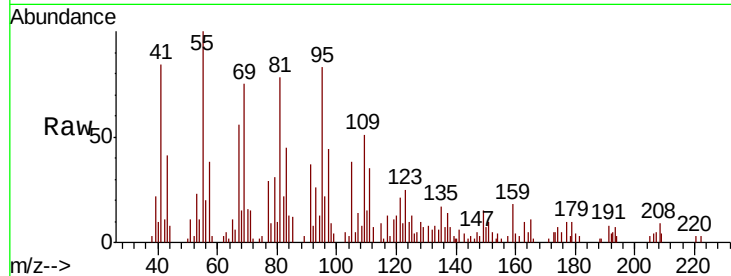




#84
 1,2,4-Trimethylbenzene
 Concen: 2.486 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005598.D
 Acq: 24 Sep 2018 20:56

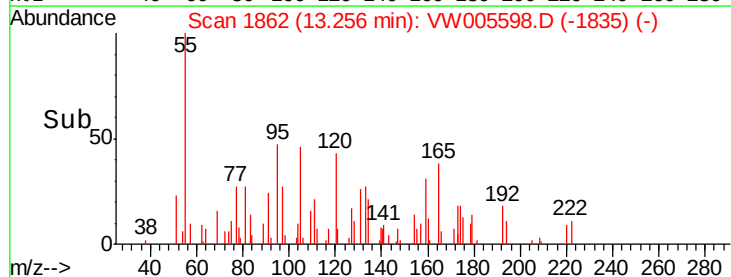
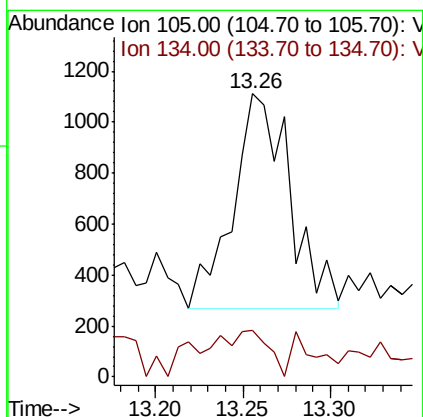
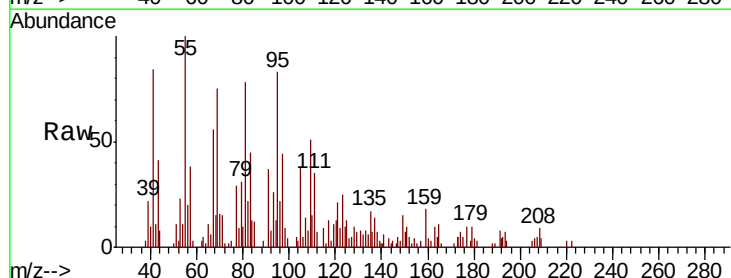
Instrument :
 MSVOA_W
 ClientSampled :
 NS-SLUDGERE

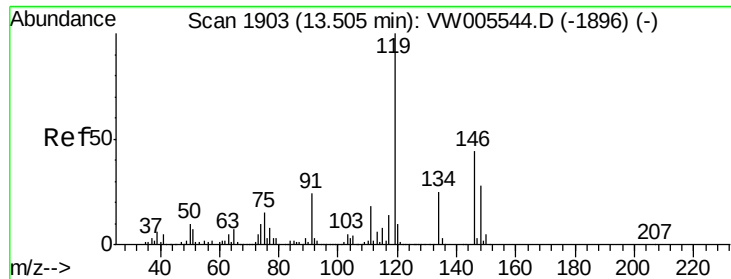
Tot Ion:105 Resp: 1924
 Ion Ratio Lower Upper
 105 100
 120 60.2 21.5 64.5



#85
 sec-Butylbenzene
 Concen: 2.059 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.13 min
 Lab File: VW005598.D
 Acq: 24 Sep 2018 20:56

Tgt Ion:105 Resp: 1924
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.5

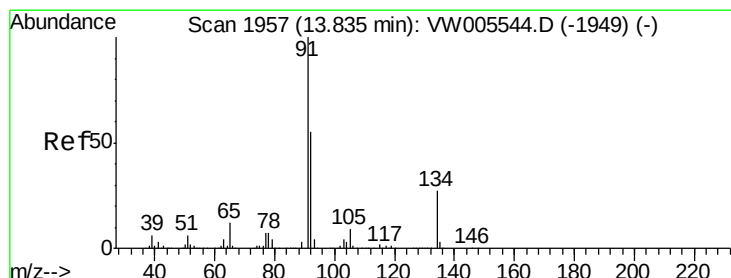
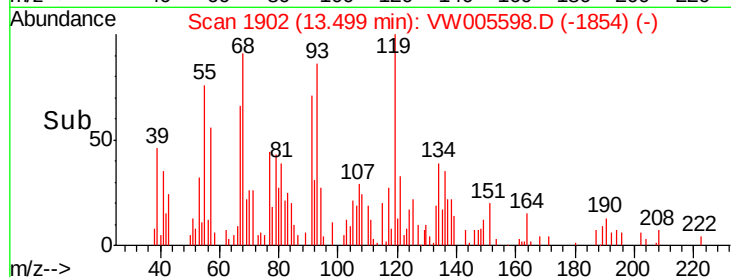
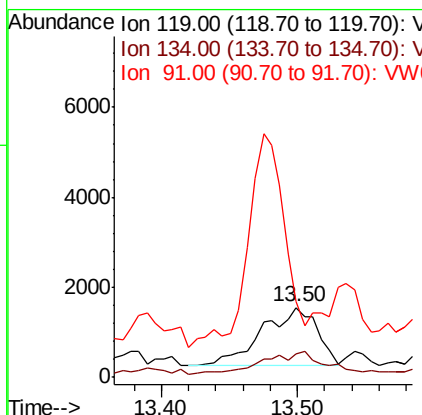
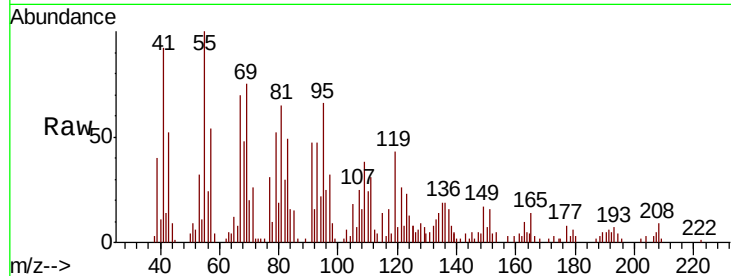




#86
p-Isopropyltoluene
Concen: 4.406 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.01 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

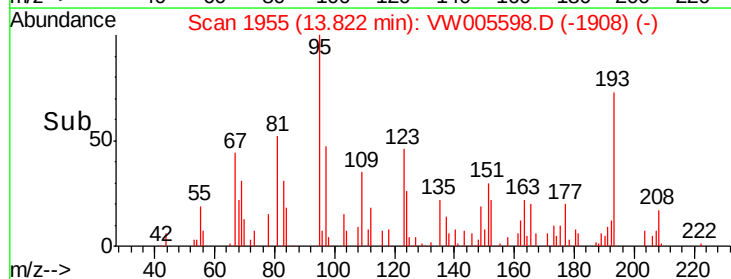
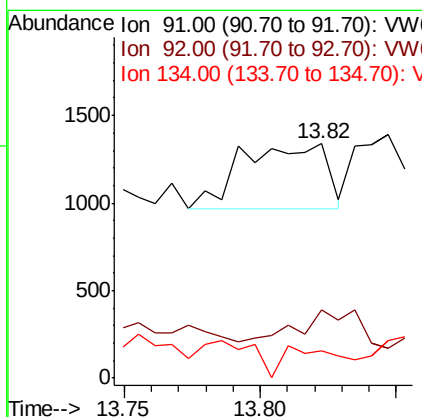
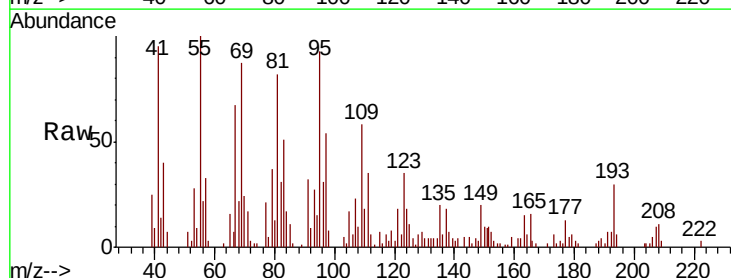
Instrument :
MSVOA_W
ClientSampleId :
NS-SLUDGERE

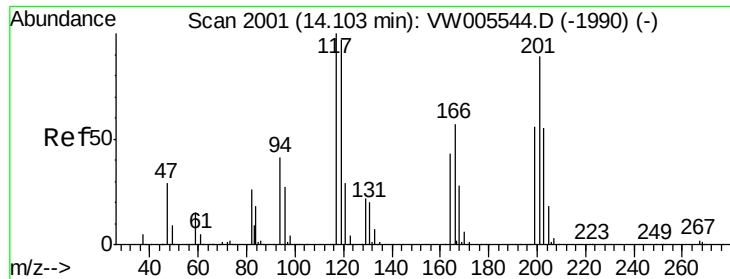
Tot Ion: 119 Resp: 3691
Ion Ratio Lower Upper
119 100
134 48.4 12.7 38.1#
91 0.0 12.2 36.4#



#89
n-Butylbenzene
Concen: 1.016 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VW005598.D
Acq: 24 Sep 2018 20:56

Tgt Ion: 91 Resp: 803
Ion Ratio Lower Upper
91 100
92 44.0 26.5 79.5
134 32.4 12.9 38.7





#90

Hexachloroethane

Concen: 2.299 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

Instrument :

MSVOA_W

ClientSampleId :

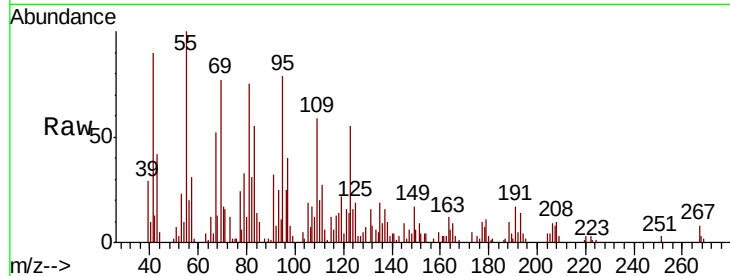
NS-SLUDGERE

Tot Ion:117 Resp: 349

Ion Ratio Lower Upper

117 100

201 0.0 42.8 128.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

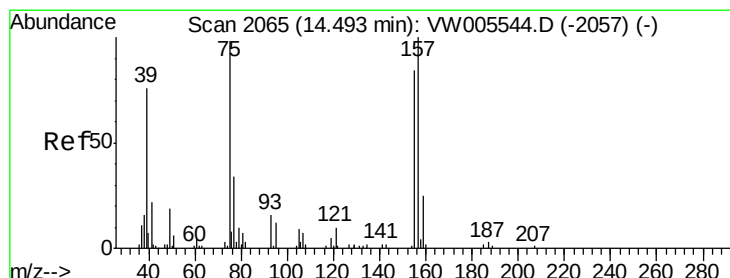
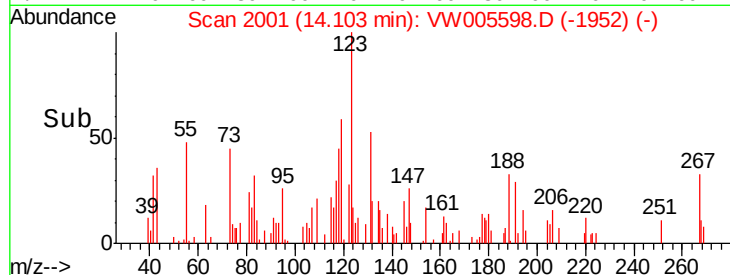
14.10

400

200

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.809 ug/l

RT: 14.38 min Scan# 2046

Delta R.T. -0.12 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

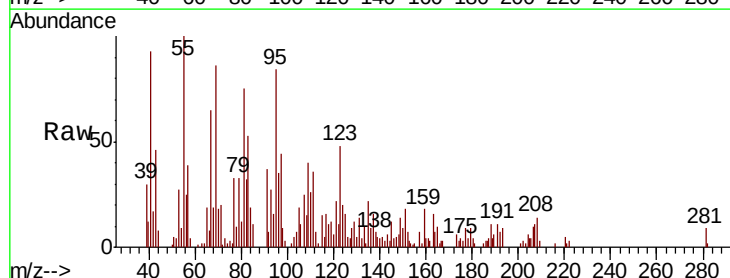
Tgt Ion: 75 Resp: 218

Ion Ratio Lower Upper

75 100

155 84.4 39.1 117.5

157 83.0 50.8 152.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

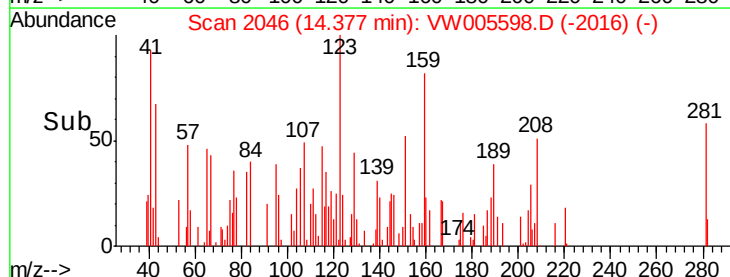
300

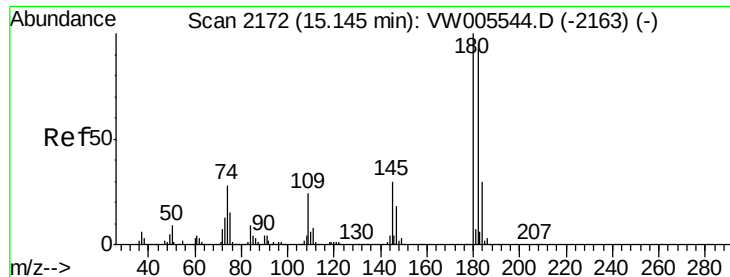
200

100

0

Time-->

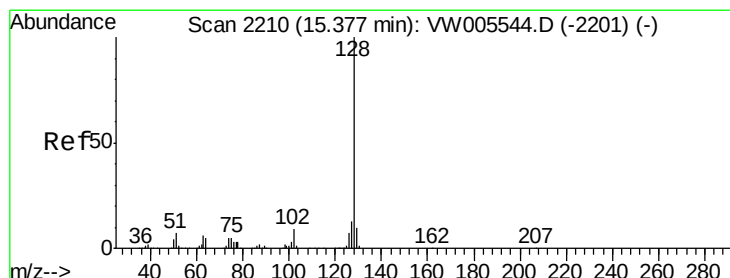
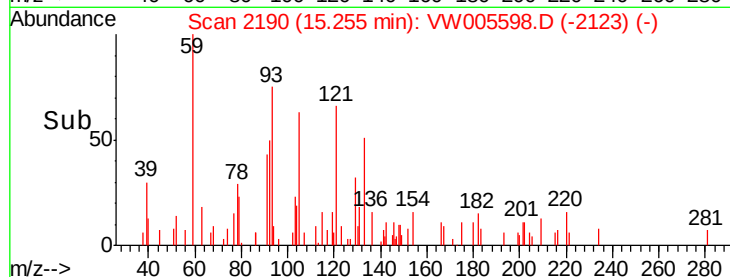
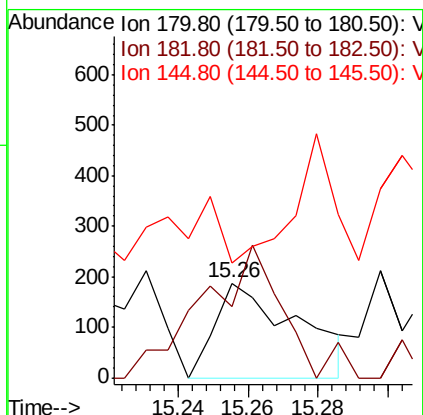
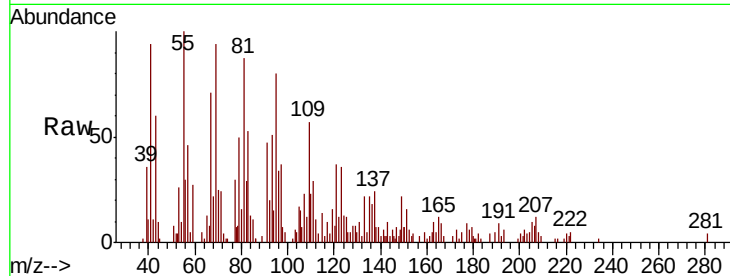




#93
 1,2,4-Trichlorobenzene
 Concen: 1.146 ug/l
 RT: 15.26 min Scan# 2190
 Delta R.T. 0.11 min
 Lab File: VW005598.D
 Acq: 24 Sep 2018 20:56

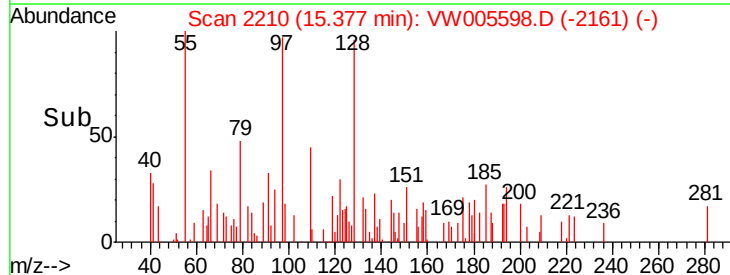
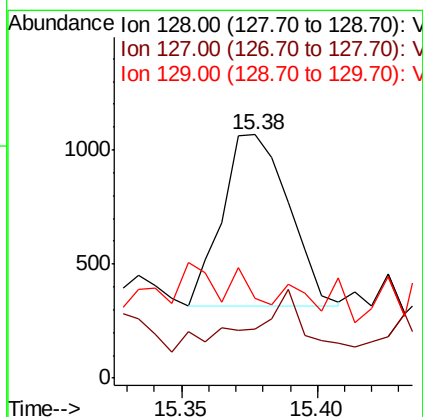
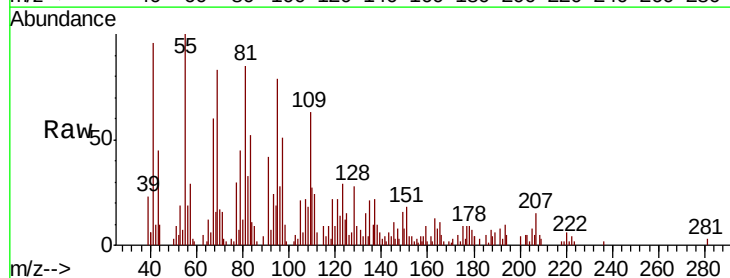
Instrument :
 MSVOA_W
 ClientSampleId :
 NS-SLUDGERE

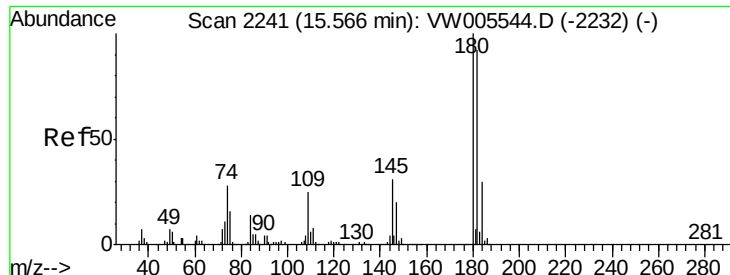
Tot Ion:180 Resp: 305
 Ion Ratio Lower Upper
 180 100
 182 138.4 47.7 143.1
 145 41.0 15.0 45.1



#95
 Naphthalene
 Concen: 2.832 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW005598.D
 Acq: 24 Sep 2018 20:56

Tgt Ion:128 Resp: 1268
 Ion Ratio Lower Upper
 128 100
 127 37.6 10.9 16.3#
 129 0.0 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 2.020 ug/l

RT: 15.63 min Scan# 2252

Delta R.T. 0.07 min

Lab File: VW005598.D

Acq: 24 Sep 2018 20:56

Instrument :

MSVOA_W

ClientSampleId :

NS-SLUDGERE

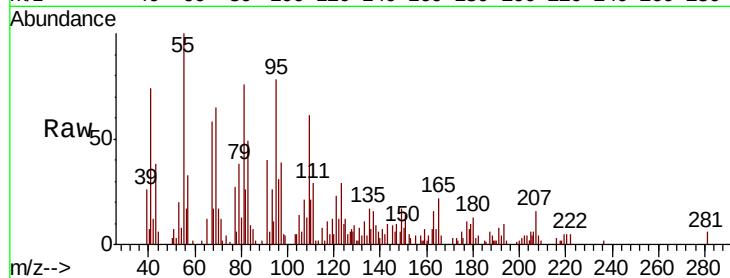
Tot Ion:180 Resp: 474

Ion Ratio Lower Upper

180 100

182 47.9 47.3 141.9

145 47.5 16.0 47.9



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

