

Data File : VW013992.D
Acq On : 12 Nov 2019 22:34
Operator : SY/VA
Sample : K5791-01
Misc : 5.10G/5.0ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FINES-NORTH-BERGENRE

Quant Time: Nov 13 06:46:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	420857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	123940	60.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.56%	
35) Dibromofluoromethane	7.88	113	122530	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	10.32	98	481363	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.62	95	149441	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds

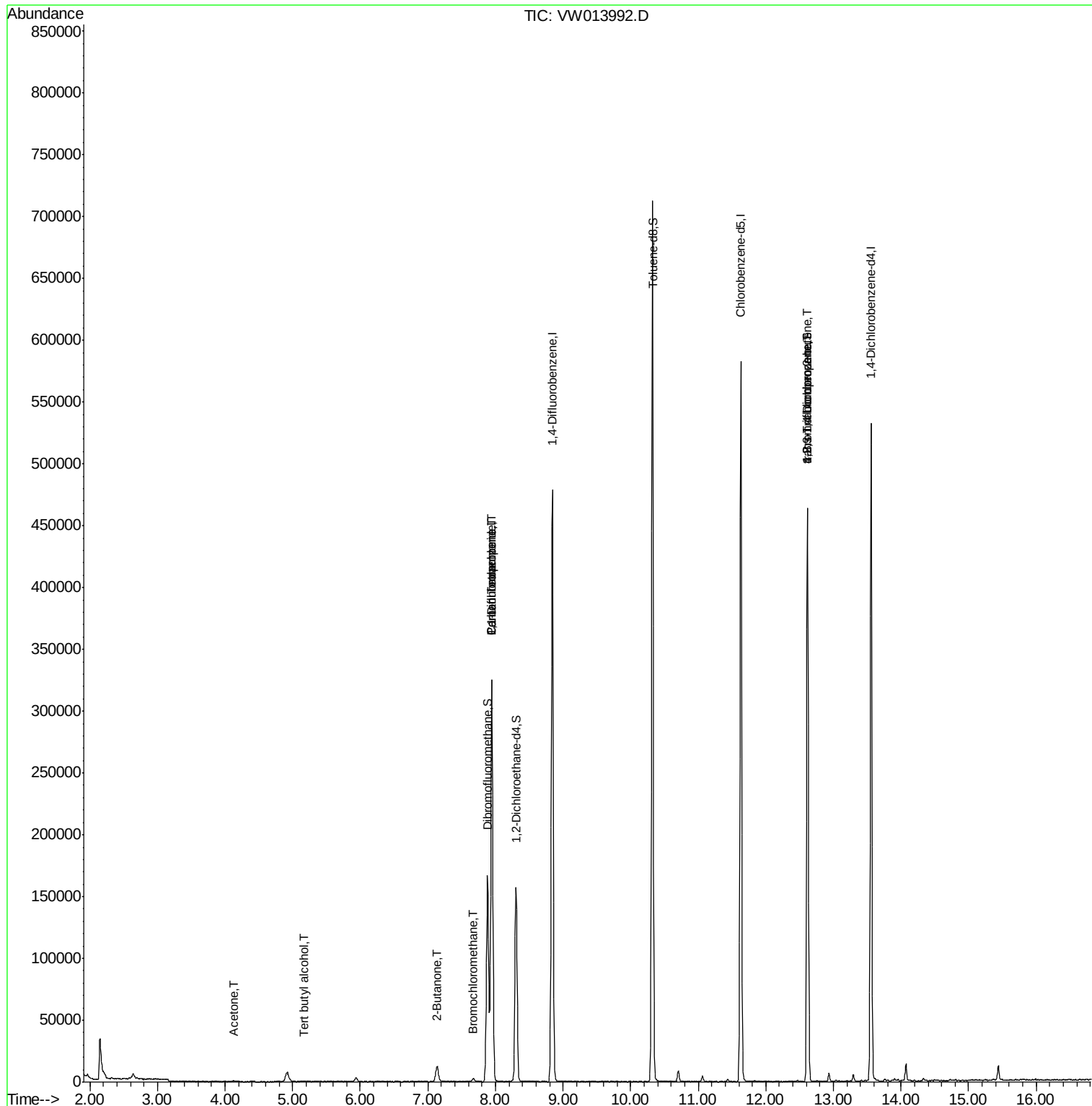
						Qvalue
11) Tert butyl alcohol	5.17	59	143	1.175	ug/l #	71
16) Acetone	4.14	43	1837	4.249	ug/l #	88
20) Methylene Chloride	4.92	84	6272	Below Cal		95
25) 2-Butanone	7.14	43	647	1.041	ug/l #	45
28) Bromochloromethane	7.68	49	86	1.395	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	16689	4.258	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23533	6.667	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	70690	63.832	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	70690	120.633	ug/l #	14

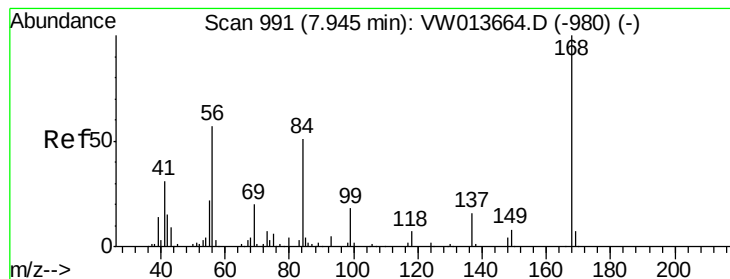
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013992.D

Acq: 12 Nov 2019 22:34

Instrument :

MSVOA_W

ClientSampleId :

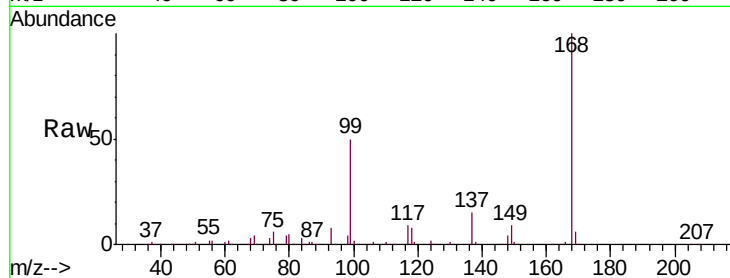
FINES-NORTH-BERGENRE

Tgt Ion: 168 Resp: 271820

Ion Ratio Lower Upper

168 100

99 49.9 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

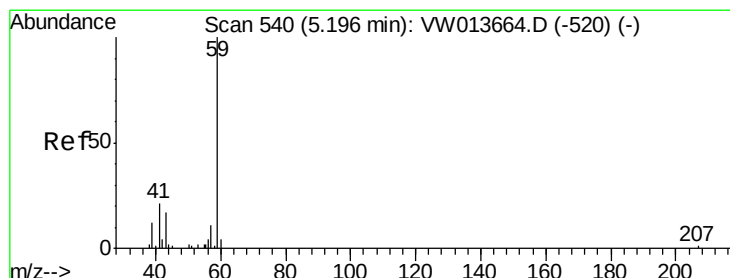
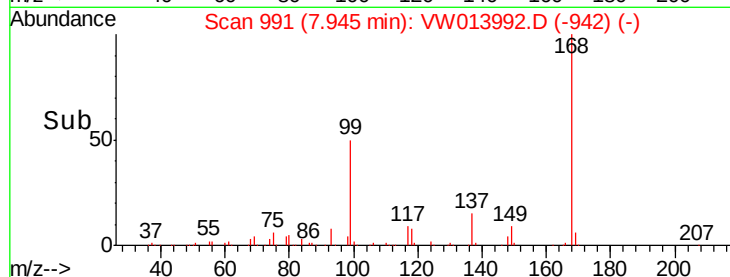
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 1.175 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.02 min

Lab File: VW013992.D

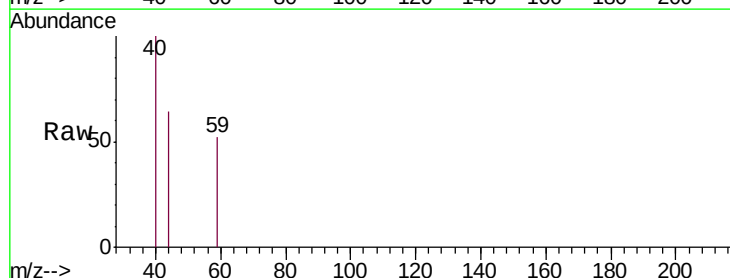
Acq: 12 Nov 2019 22:34

Tgt Ion: 59 Resp: 143

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

200

150

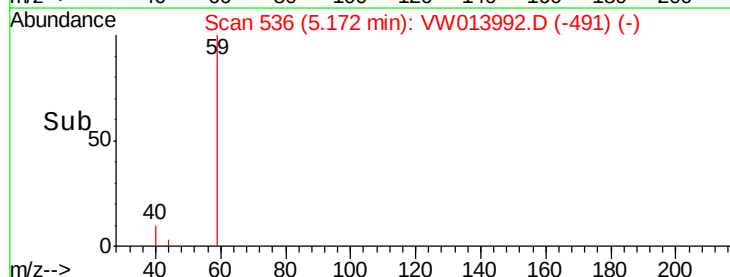
100

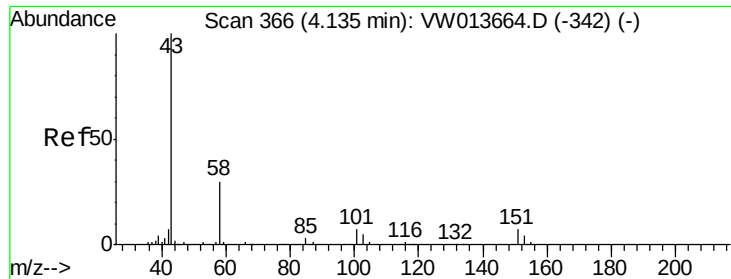
50

0

5.16 5.18 5.20

Time-->

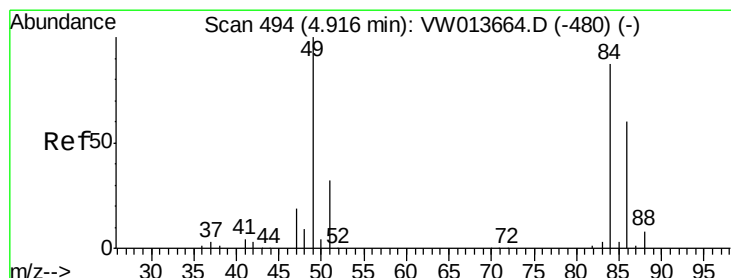
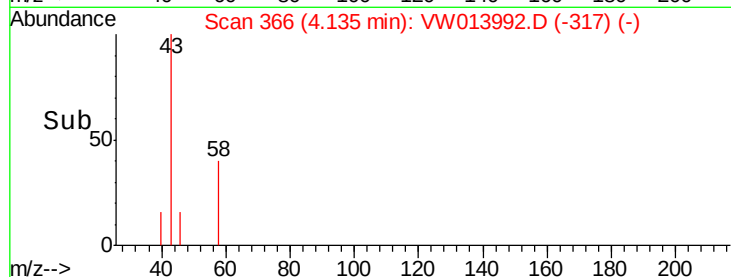
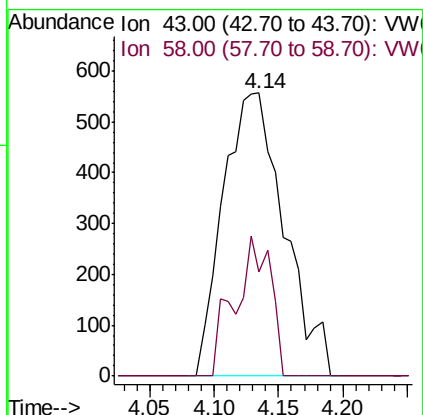
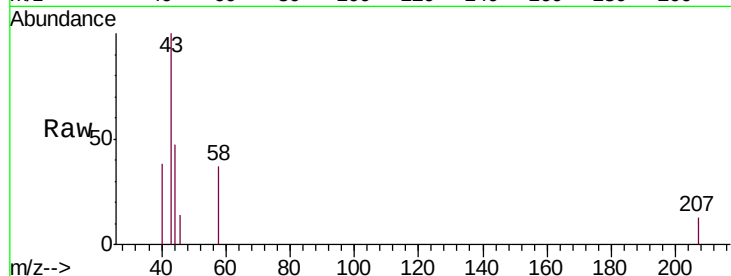




#16
Acetone
Concen: 4.249 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.00 min
Lab File: VW013992.D
Acq: 12 Nov 2019 22:34

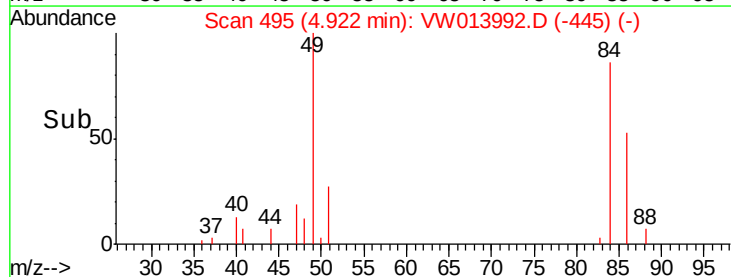
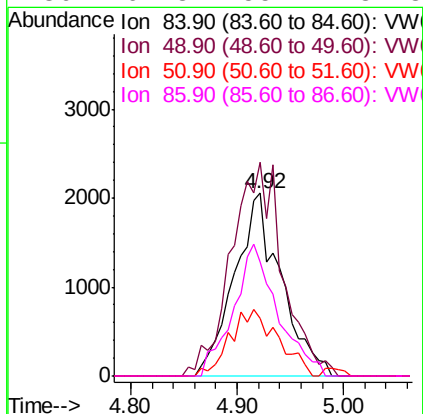
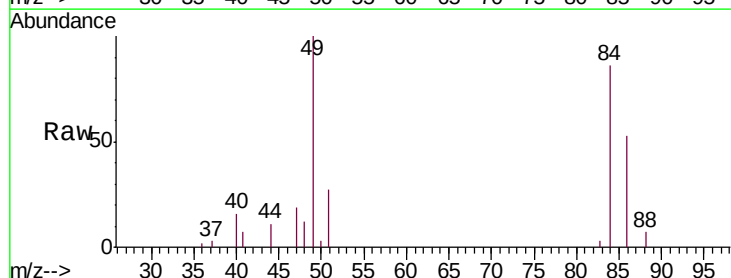
Instrument :
MSVOA_W
ClientSampleId :
FINES-NORTH-BERGENRE

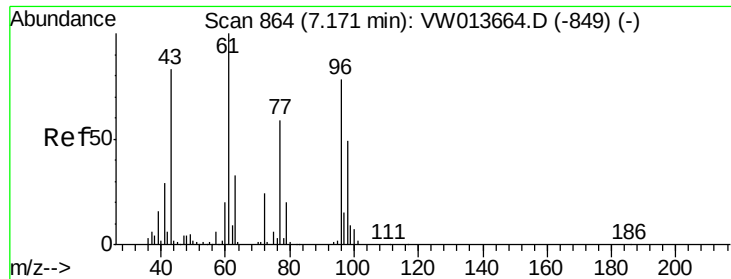
Tgt Ion: 43 Resp: 1837
Ion Ratio Lower Upper
43 100
58 36.6 24.1 36.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013992.D
Acq: 12 Nov 2019 22:34

Tgt Ion: 84 Resp: 6272
Ion Ratio Lower Upper
84 100
49 116.8 91.8 137.6
51 31.6 29.8 44.6
86 62.3 55.2 82.8





#25

2-Butanone

Concen: 1.041 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW013992.D

Acq: 12 Nov 2019 22:34

Instrument :

MSVOA_W

ClientSampleId :

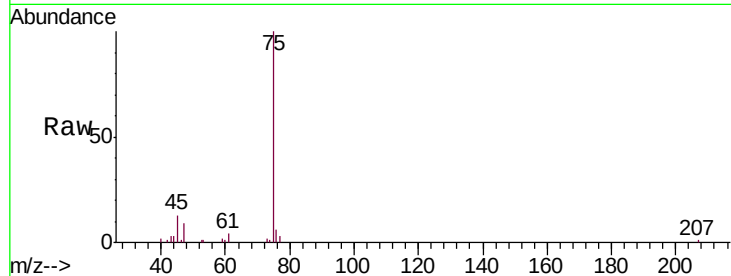
FINES-NORTH-BERGENRE

Tgt Ion: 43 Resp: 647

Ion Ratio Lower Upper

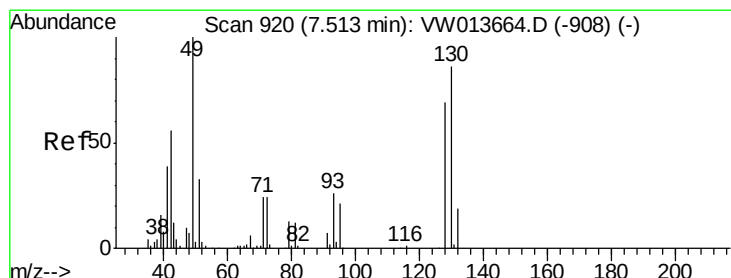
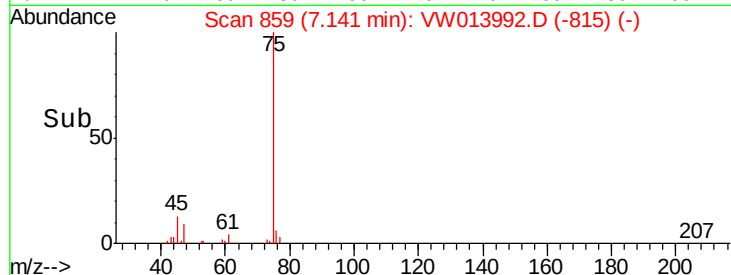
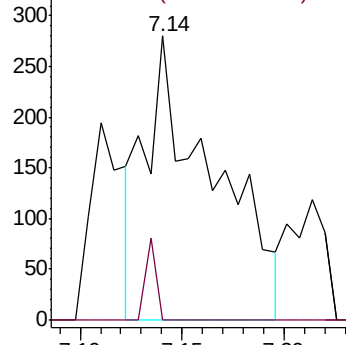
43 100

72 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#28

Bromochloromethane

Concen: 1.395 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.17 min

Lab File: VW013992.D

Acq: 12 Nov 2019 22:34

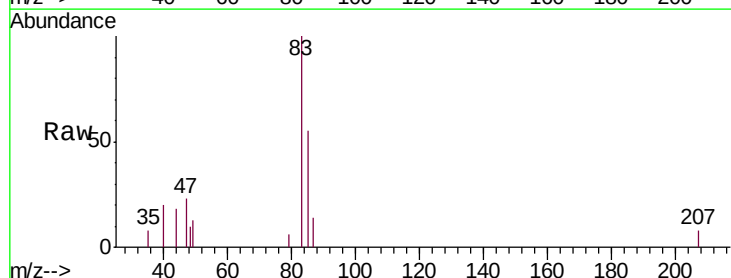
Tgt Ion: 49 Resp: 86

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.6

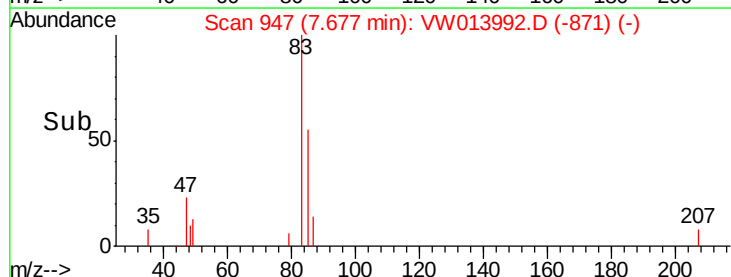
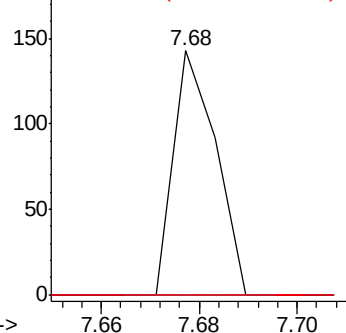
130 0.0 67.5 101.3#

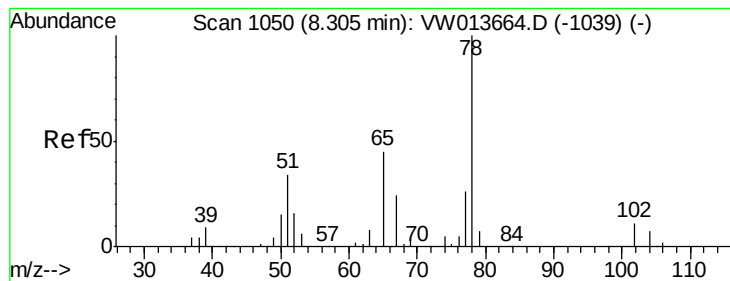


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#33

1,2-Dichloroethane-d4

Concen: 60.782 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013992.D

Acq: 12 Nov 2019 22:34

Instrument :

MSVOA_W

ClientSampleId :

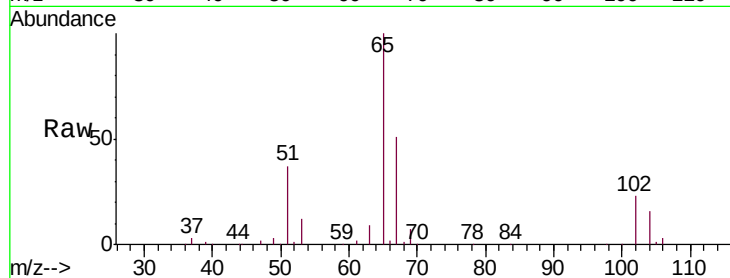
FINES-NORTH-BERGENRE

Tgt Ion: 65 Resp: 123940

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

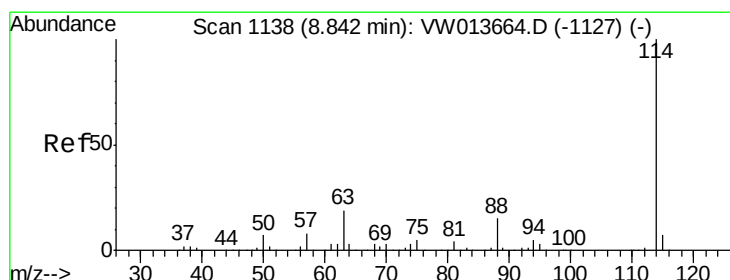
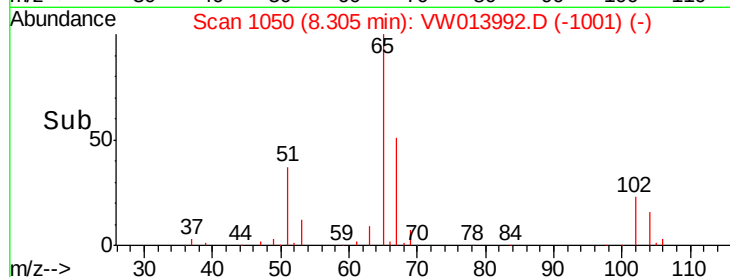
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013992.D

Acq: 12 Nov 2019 22:34

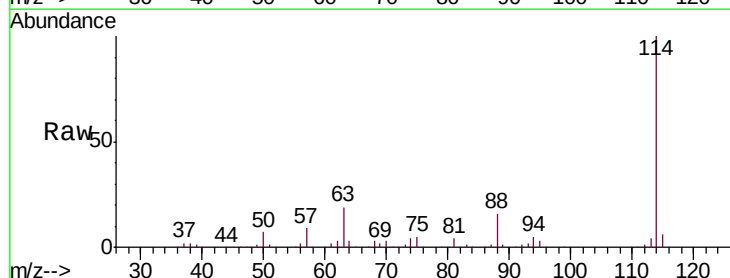
Tgt Ion: 114 Resp: 420857

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

88 15.6 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

300000

250000

200000

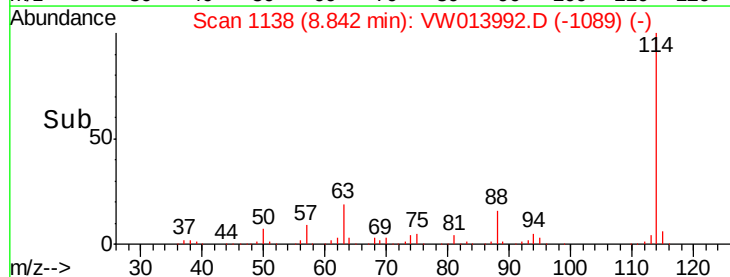
150000

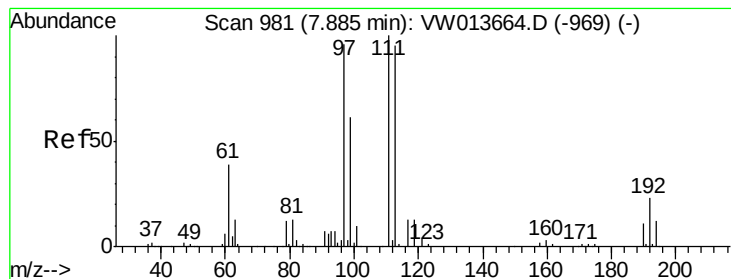
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 52.397 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013992.D

Acq: 12 Nov 2019 22:34

Instrument :

MSVOA_W

ClientSampleId :

FINES-NORTH-BERGENRE

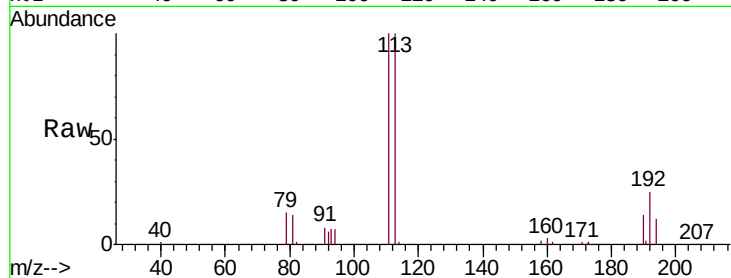
Tgt Ion:113 Resp: 122530

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.6

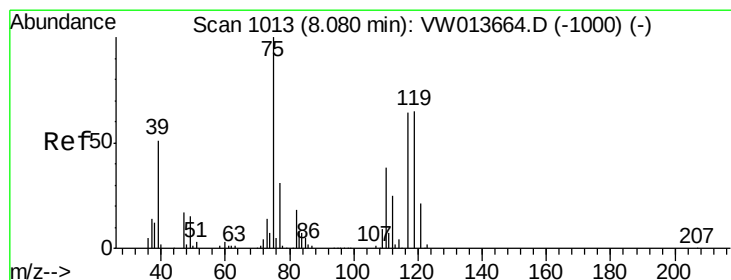
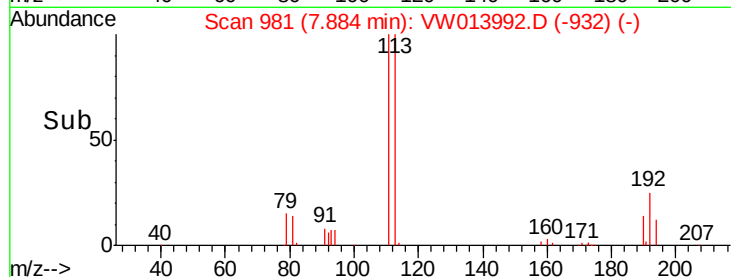
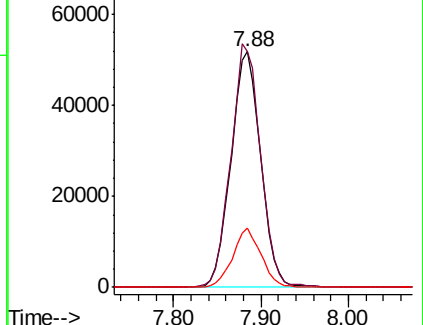
192 24.0 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.258 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013992.D

Acq: 12 Nov 2019 22:34

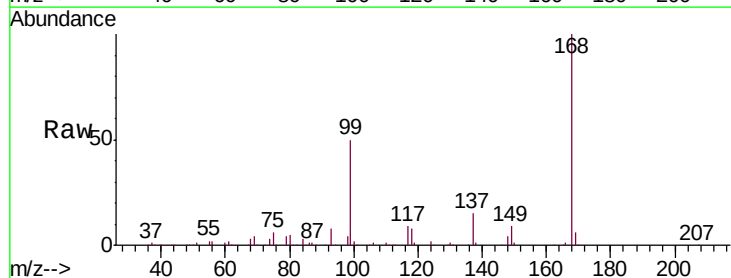
Tgt Ion: 75 Resp: 16689

Ion Ratio Lower Upper

75 100

110 10.1 18.7 56.1#

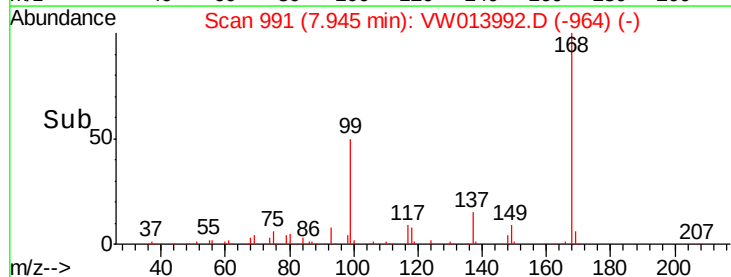
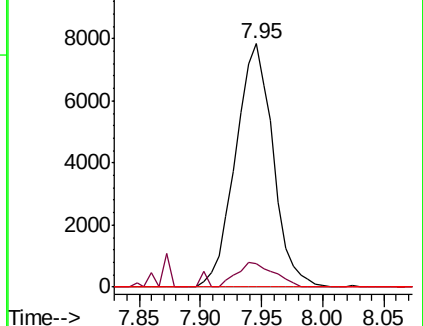
77 0.0 25.4 38.0#

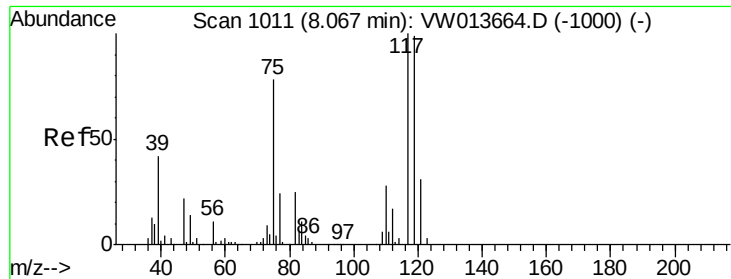


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.667 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013992.D

Acq: 12 Nov 2019 22:34

Instrument :

MSVOA_W

ClientSampleId :

FINES-NORTH-BERGENRE

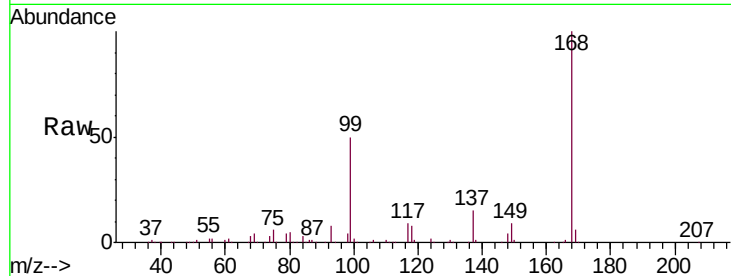
Tgt Ion:117 Resp: 23533

Ion Ratio Lower Upper

117 100

119 6.0 79.0 118.4#

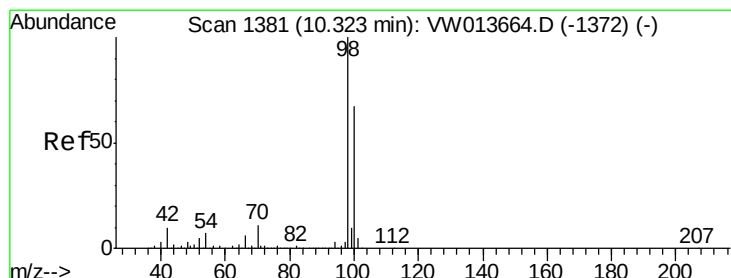
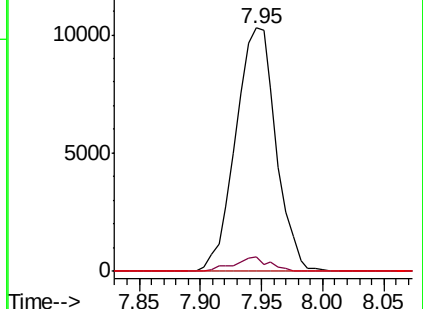
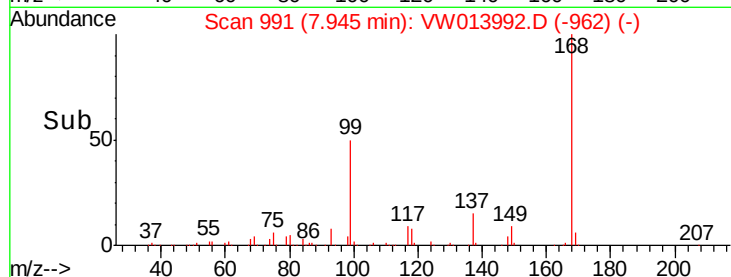
121 0.0 24.5 36.7#



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



#50

Toluene-d8

Concen: 50.516 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013992.D

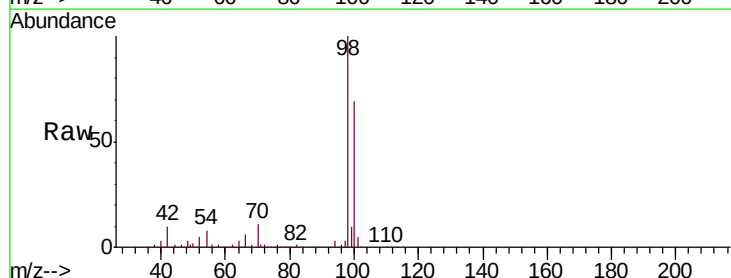
Acq: 12 Nov 2019 22:34

Tgt Ion: 98 Resp: 481363

Ion Ratio Lower Upper

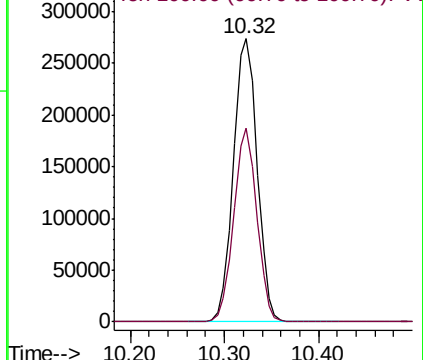
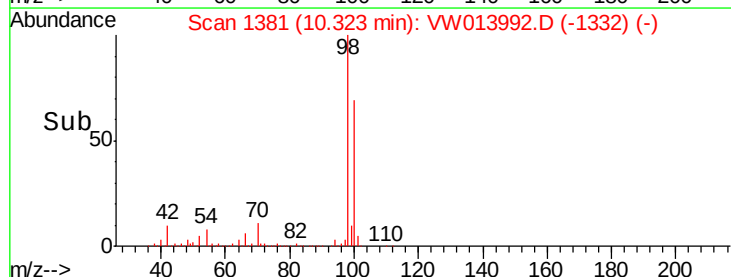
98 100

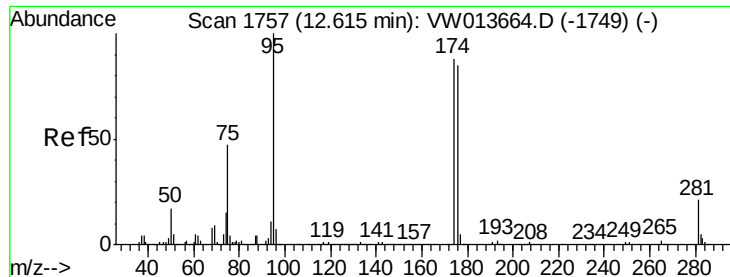
100 66.3 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

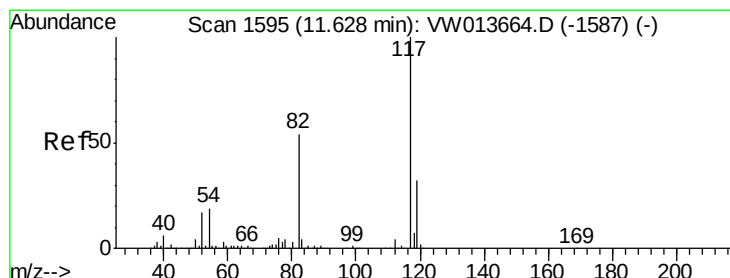
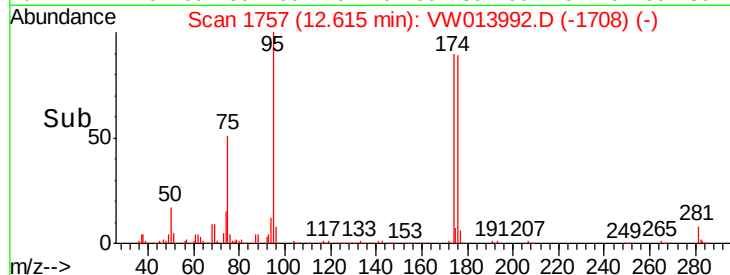
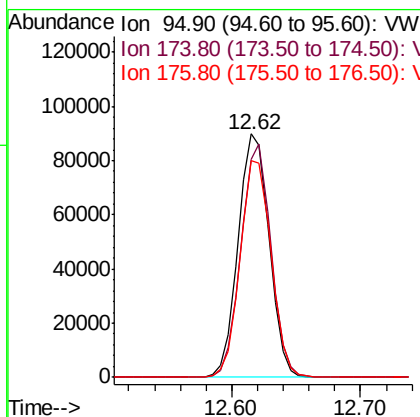
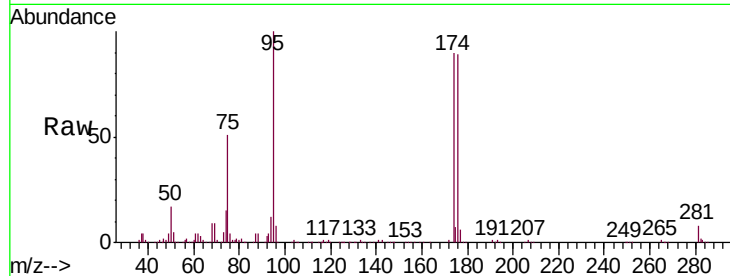




#62
4-Bromofluorobenzene
Concen: 46.317 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013992.D
Acq: 12 Nov 2019 22:34

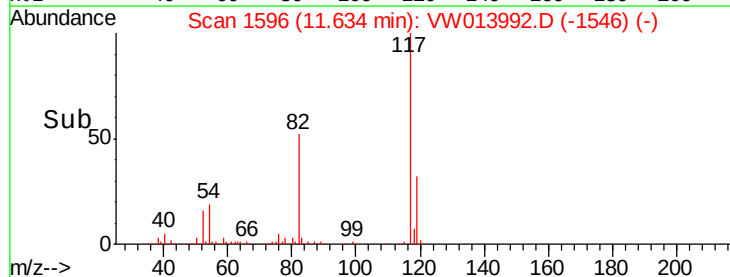
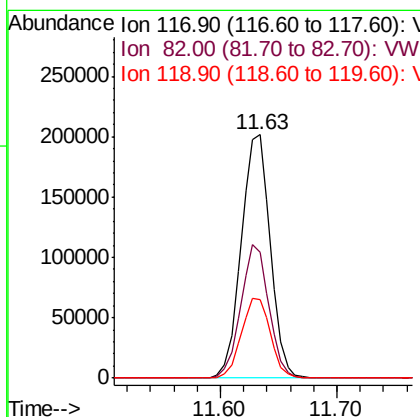
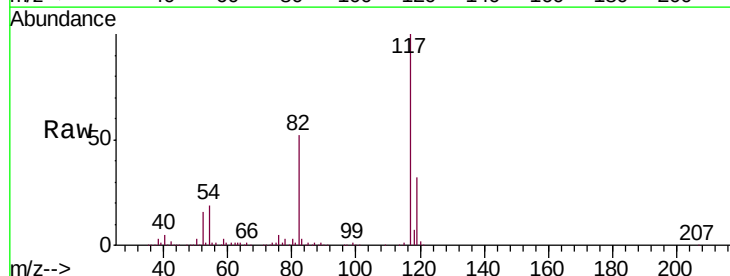
Instrument :
MSVOA_W
ClientSampleId :
FINES-NORTH-BERGENRE

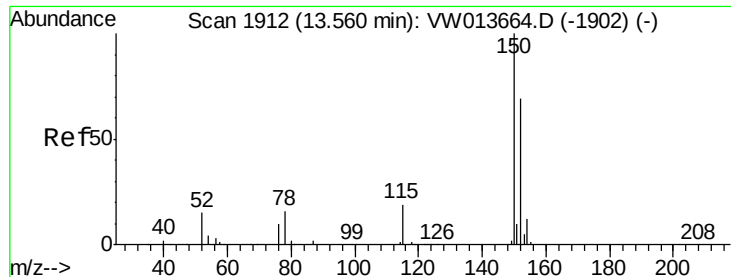
Tgt Ion: 95 Resp: 149441
Ion Ratio Lower Upper
95 100
174 92.7 0.0 183.6
176 88.9 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013992.D
Acq: 12 Nov 2019 22:34

Tgt Ion: 117 Resp: 350477
Ion Ratio Lower Upper
117 100
82 52.0 43.6 65.4
119 32.1 25.4 38.2

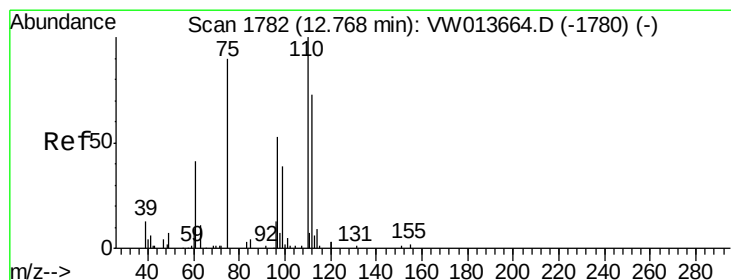
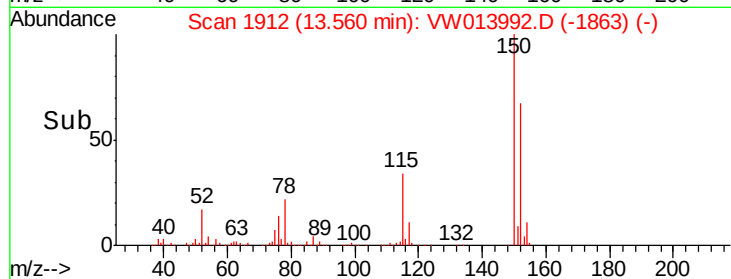
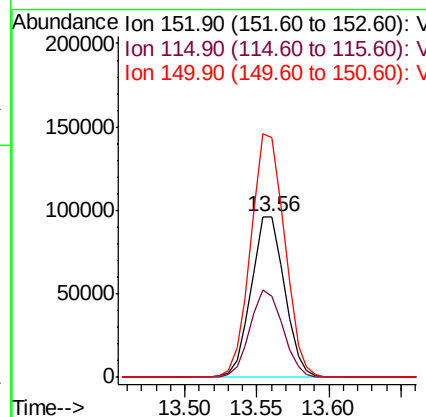
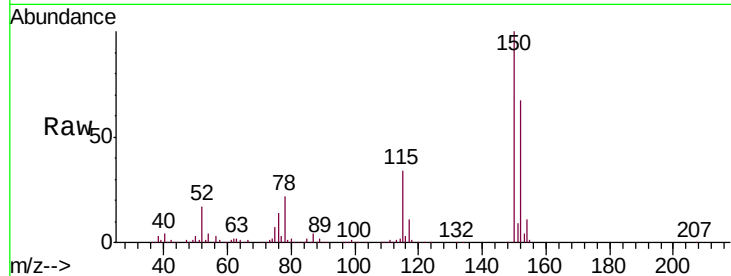




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW013992.D
 Acq: 12 Nov 2019 22:34

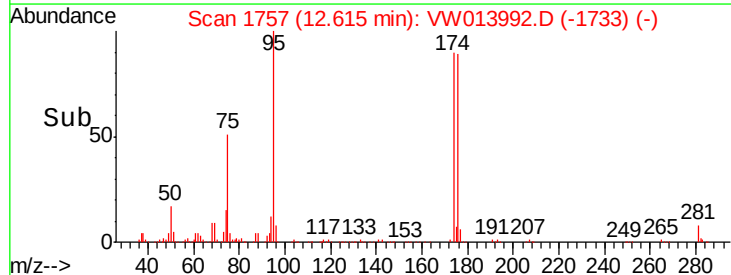
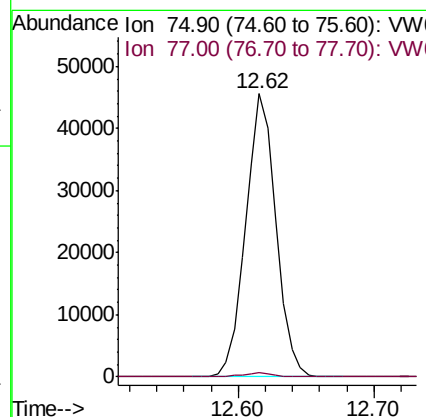
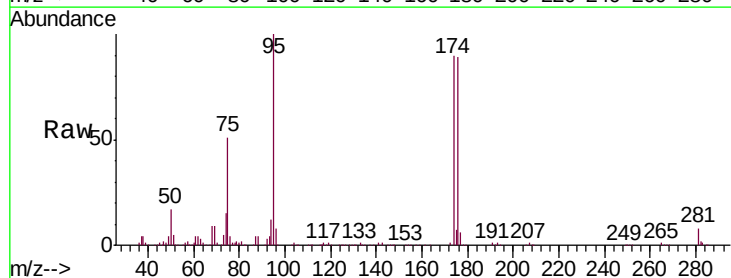
Instrument :
 MSVOA_W
 ClientSampleId :
 FINES-NORTH-BERGENRE

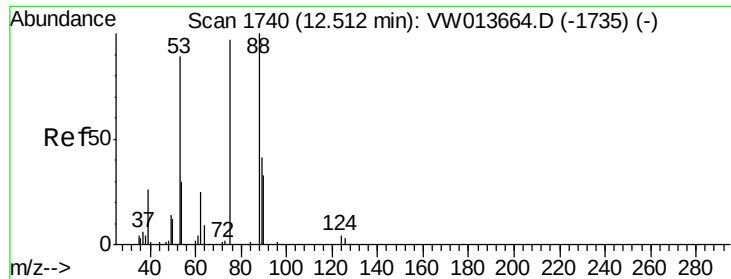
Tgt Ion:152 Resp: 154210
 Ion Ratio Lower Upper
 152 100
 115 53.5 27.4 82.2
 150 153.5 0.0 345.4



#76
 1,2,3-Trichloropropane
 Concen: 63.832 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013992.D
 Acq: 12 Nov 2019 22:34

Tgt Ion: 75 Resp: 70690
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 120.633 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013992.D

Acq: 12 Nov 2019 22:34

Instrument :

MSVOA_W

ClientSampleId :

FINES-NORTH-BERGENRE

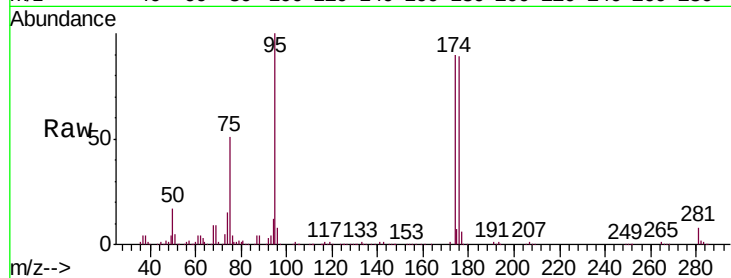
Tgt Ion: 75 Resp: 70690

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.1 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

