

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121719\
 Data File : VY000974.D
 Acq On : 17 Dec 2019 13:36
 Operator : SY/MD
 Sample : K6328-01
 Misc : 5.14G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OIL-SAMPLE-2-BG24

Quant Time: Dec 18 06:09:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

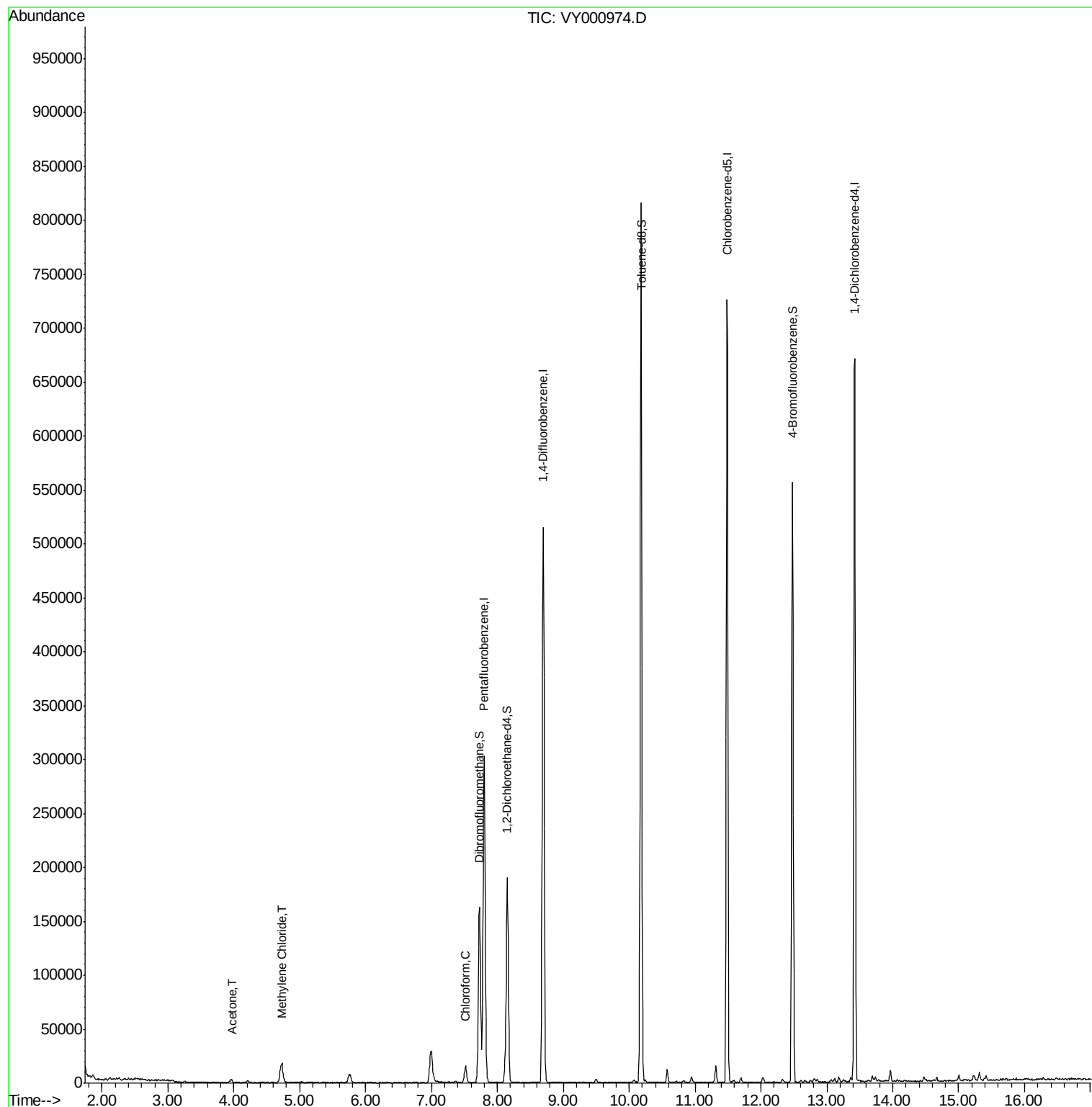
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	235305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	442204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	397221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	170217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	136812	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.44%	
35) Dibromofluoromethane	7.73	113	116070	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
50) Toluene-d8	10.18	98	529209	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.48	95	172263	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
Target Compounds						
16) Acetone	3.97	43	4654	8.114	ug/l #	76
20) Methylene Chloride	4.73	84	13613	4.503	ug/l	91
30) Chloroform	7.52	83	14231	2.831	ug/l	91

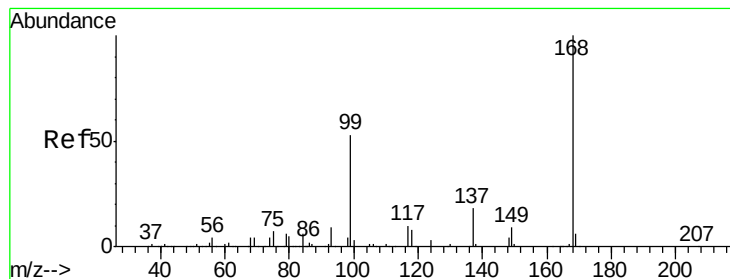
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000974.D

Acq: 17 Dec 2019 13:36

Instrument :

MSVOA_Y

ClientSampleId :

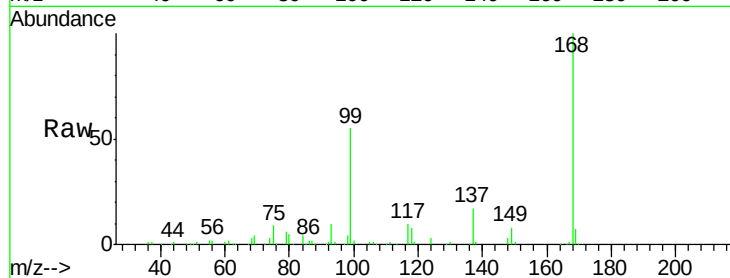
OIL-SAMPLE-2-BG24

Tot Ion:168 Resp: 235305

Ion Ratio Lower Upper

168 100

99 54.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

100000

80000

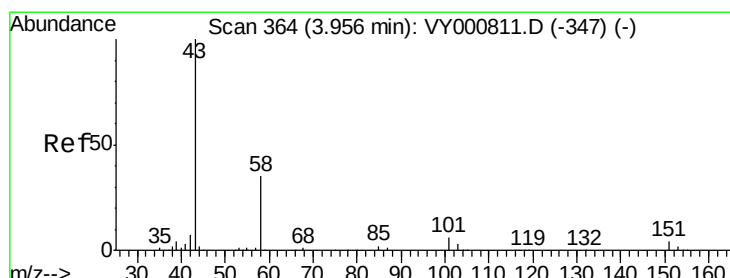
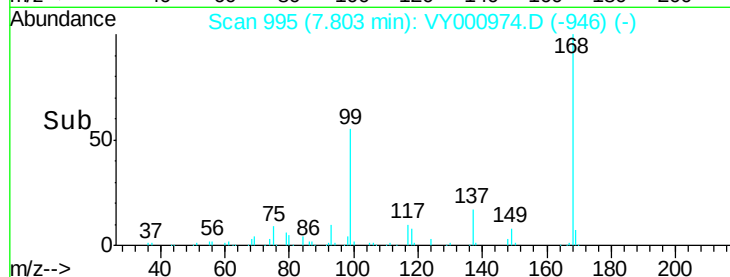
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#16

Acetone

Concen: 8.114 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000974.D

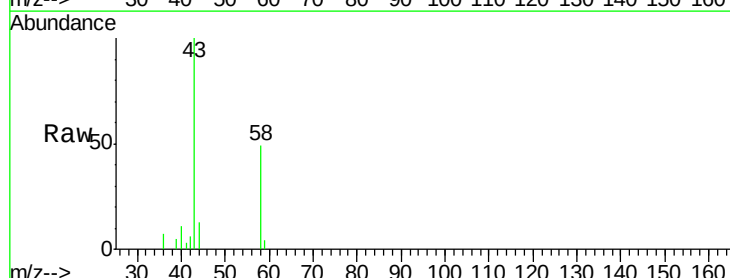
Acq: 17 Dec 2019 13:36

Tgt Ion: 43 Resp: 4654

Ion Ratio Lower Upper

43 100

58 49.0 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

2000

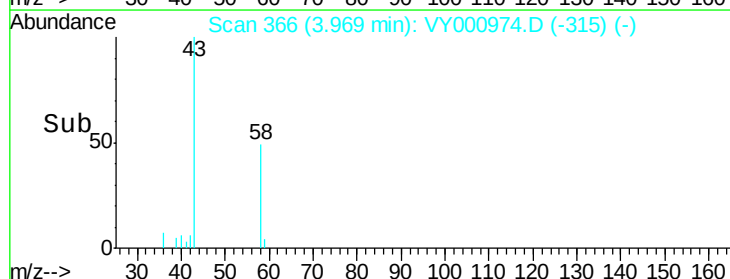
1500

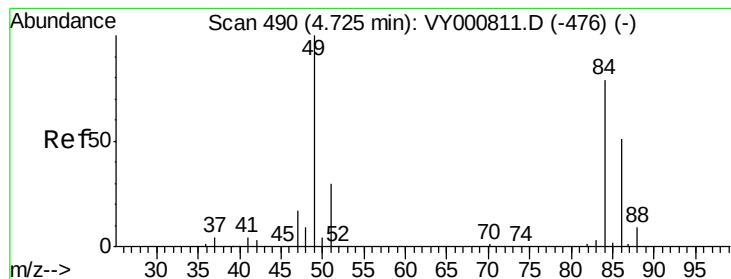
1000

500

0

Time--> 3.85 3.90 3.95 4.00 4.05





#20

Methylene Chloride

Concen: 4.503 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY000974.D

Acq: 17 Dec 2019 13:36

Instrument :

MSVOA_Y

ClientSampleId :

OIL-SAMPLE-2-BG24

Tot Ion: 84 Resp: 13613

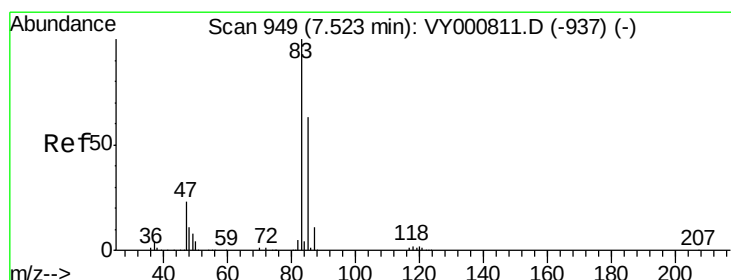
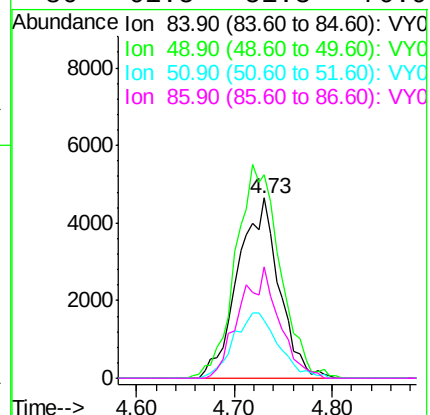
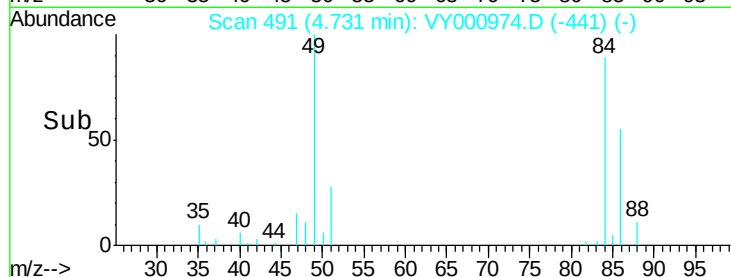
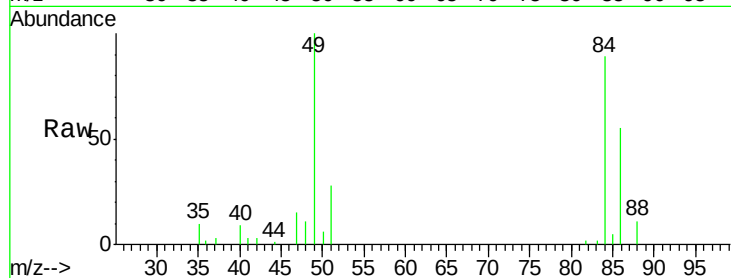
Ion Ratio Lower Upper

84 100

49 112.9 101.3 151.9

51 31.8 30.6 45.8

86 61.5 51.3 76.9



#30

Chloroform

Concen: 2.831 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY000974.D

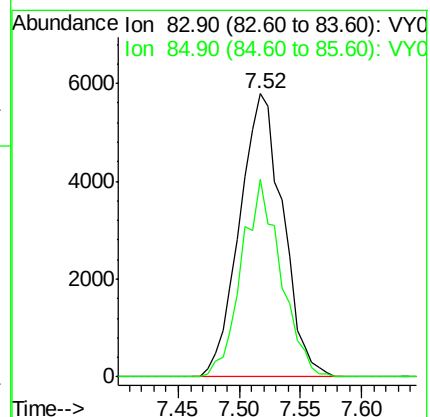
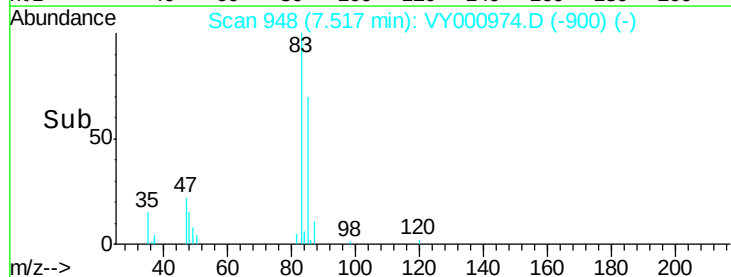
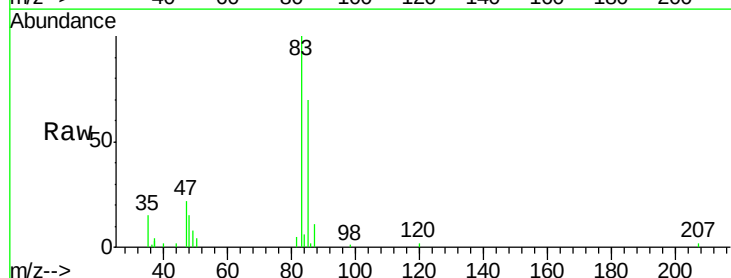
Acq: 17 Dec 2019 13:36

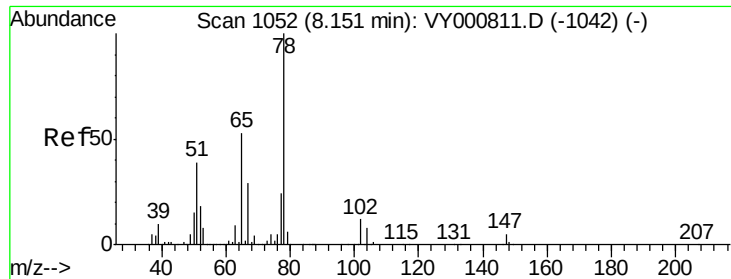
Tgt Ion: 83 Resp: 14231

Ion Ratio Lower Upper

83 100

85 69.9 50.4 75.6

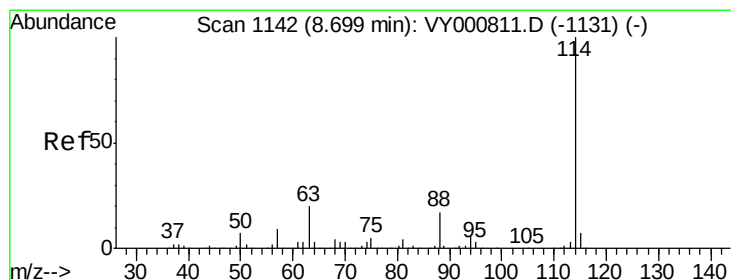
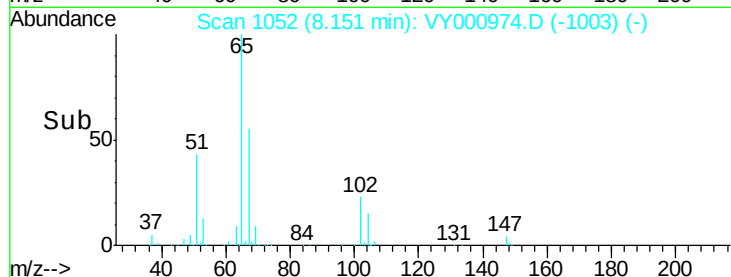
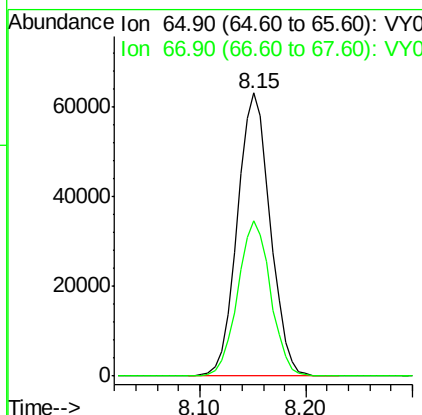
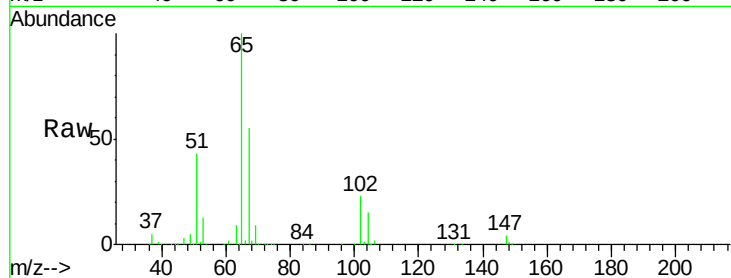




#33
 1,2-Dichloroethane-d4
 Concen: 54.718 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000974.D
 Acq: 17 Dec 2019 13:36

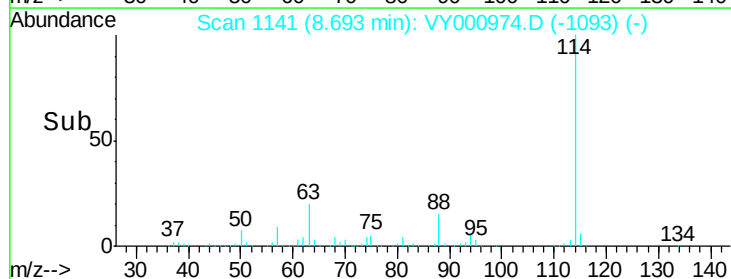
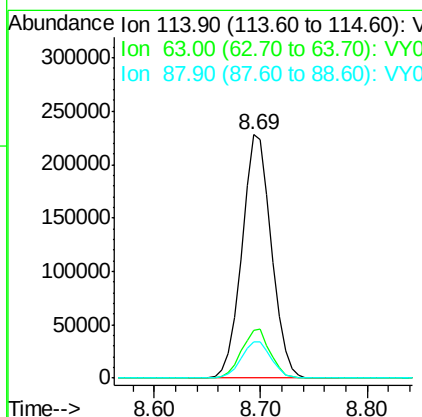
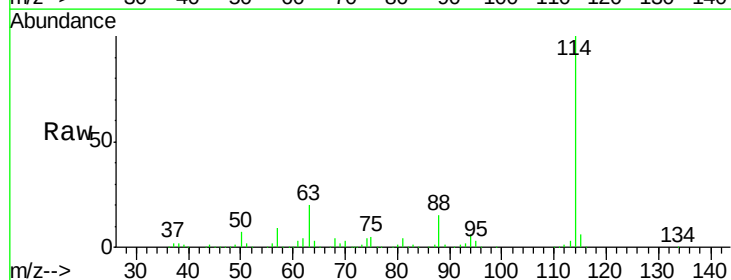
Instrument :
 MSVOA_Y
 ClientSampleId :
 OIL-SAMPLE-2-BG24

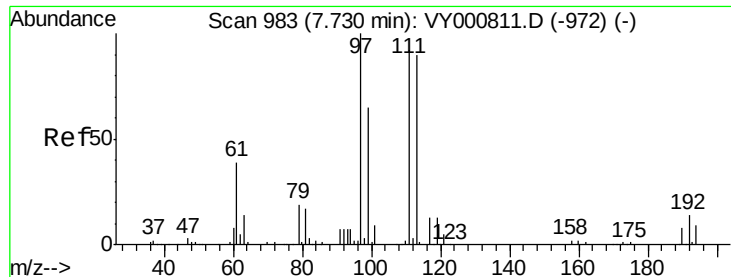
Tot Ion: 65 Resp: 136812
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000974.D
 Acq: 17 Dec 2019 13:36

Tgt Ion: 114 Resp: 442204
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 14.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 45.038 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000974.D

Acq: 17 Dec 2019 13:36

Instrument :

MSVOA_Y

ClientSampleId :

OIL-SAMPLE-2-BG24

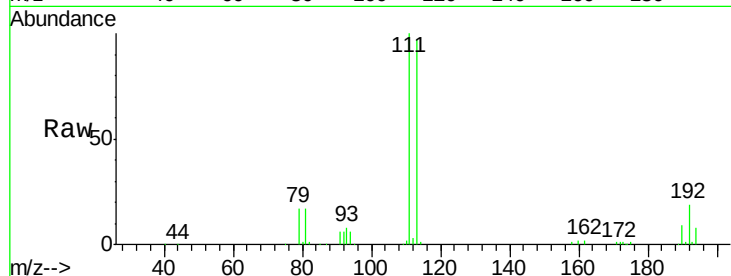
Tot Ion:113 Resp: 116070

Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

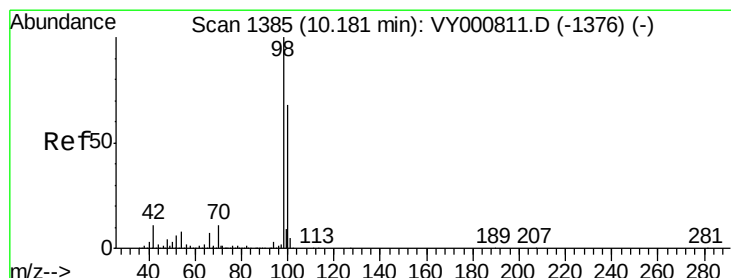
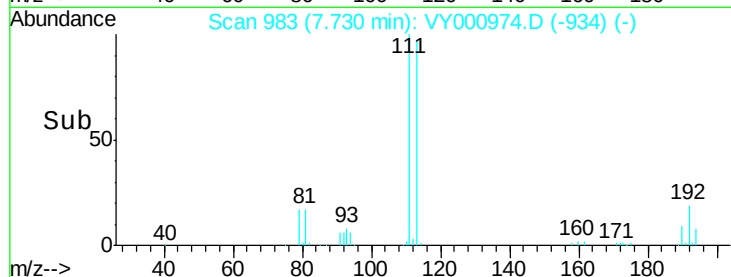
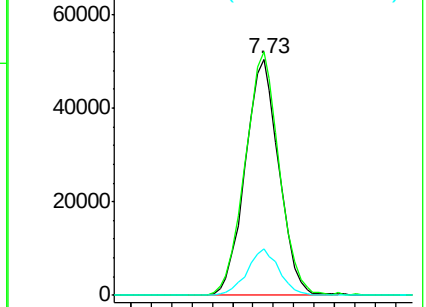
192 18.7 14.2 21.2



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



#50

Toluene-d8

Concen: 51.363 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000974.D

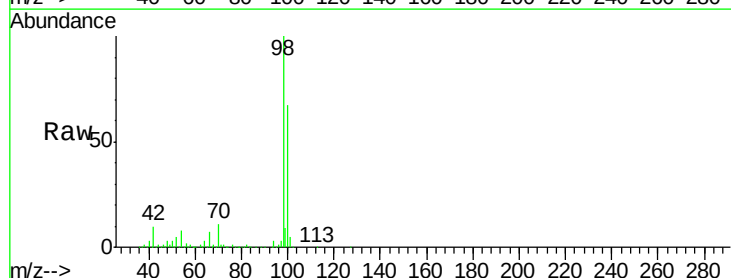
Acq: 17 Dec 2019 13:36

Tgt Ion: 98 Resp: 529209

Ion Ratio Lower Upper

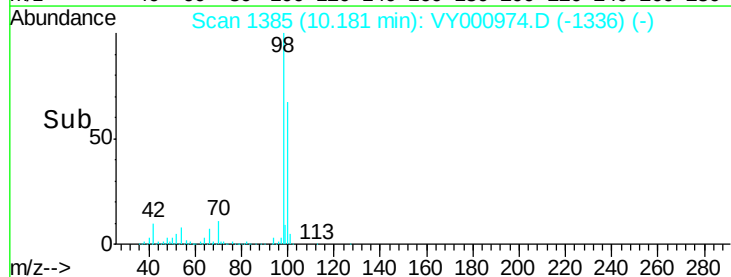
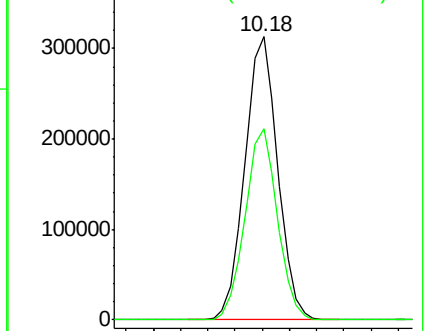
98 100

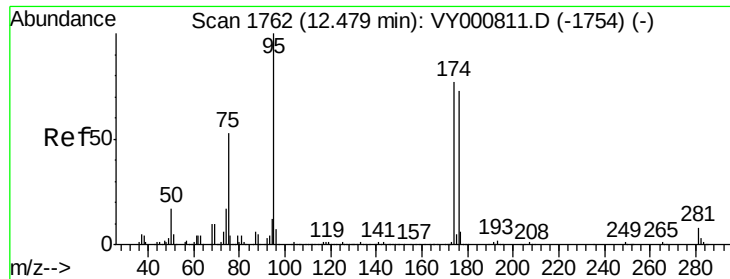
100 66.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 44.519 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000974.D

Acq: 17 Dec 2019 13:36

Instrument :

MSVOA_Y

ClientSampleId :

OIL-SAMPLE-2-BG24

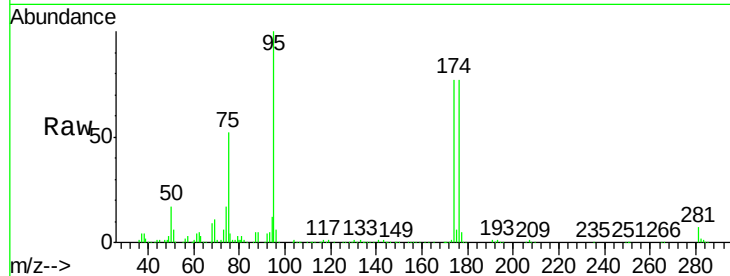
Tot Ion: 95 Resp: 172263

Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.6

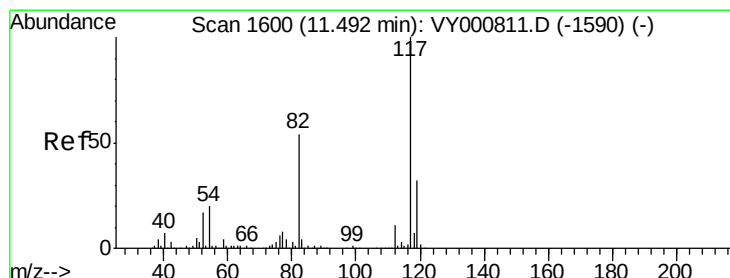
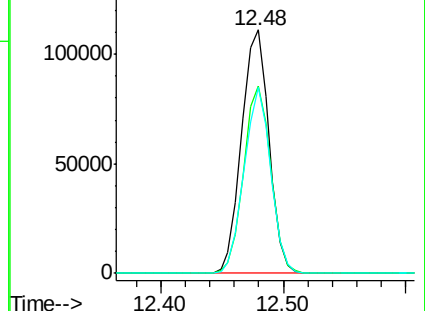
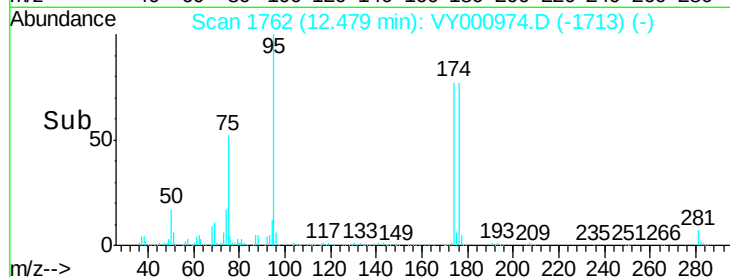
176 74.4 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VY000974.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000974.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000974.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000974.D

Acq: 17 Dec 2019 13:36

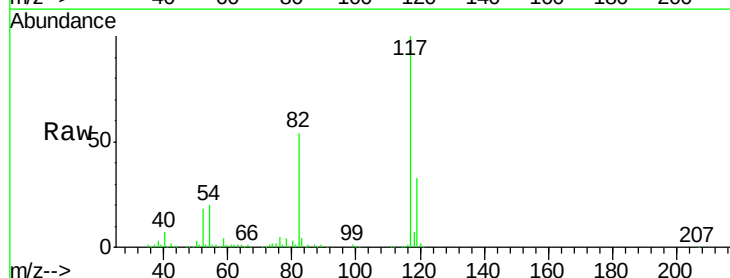
Tgt Ion: 117 Resp: 397221

Ion Ratio Lower Upper

117 100

82 53.9 43.1 64.7

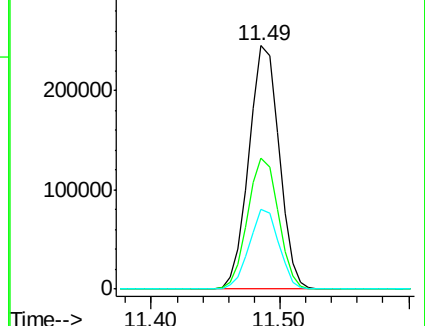
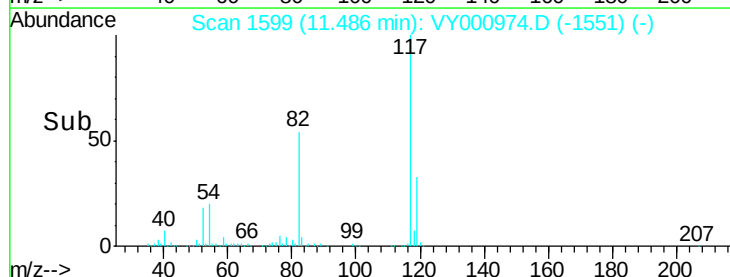
119 32.7 25.3 37.9

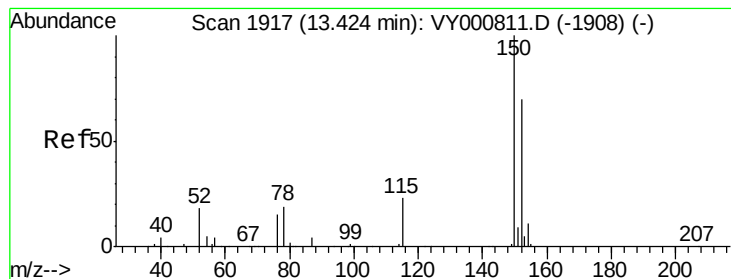


Abundance Ion 116.90 (116.60 to 117.60): VY000974.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000974.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000974.D (-1551) (-)



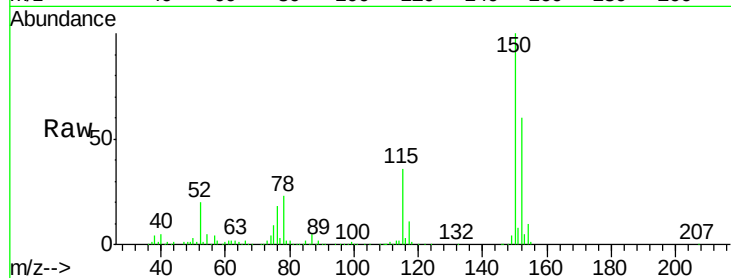


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000974.D
Acq: 17 Dec 2019 13:36

Instrument :
MSVOA_Y
ClientSampleId :
OIL-SAMPLE-2-BG24

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.3	87.8
150	160.2	0.0	351.2



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

