

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000573.D
 Acq On : 07 Nov 2019 12:29
 Operator : SY/MD
 Sample : K5725-03
 Misc : 3.86G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SO-3

Quant Time: Nov 08 04:07:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

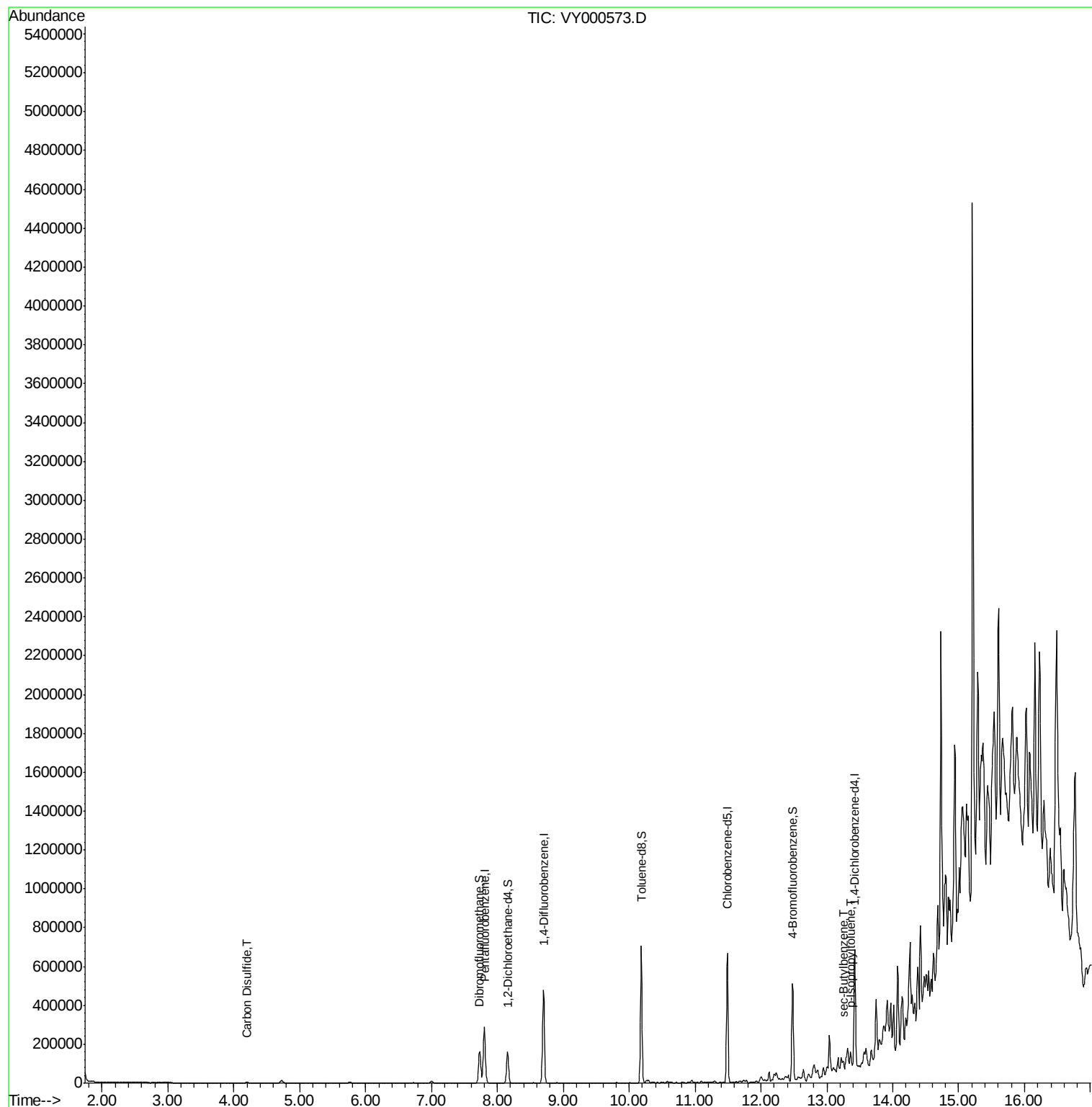
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	217511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	389139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	341655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	149585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	123712	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
35) Dibromofluoromethane	7.73	113	112958	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
50) Toluene-d8	10.18	98	453135	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.48	95	153259	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
Target Compounds						
17) Carbon Disulfide	4.19	76	7807	1.139	ug/l	96
85) sec-Butylbenzene	13.25	105	15503	1.384	ug/l	97
86) p-Isopropyltoluene	13.37	119	10418	1.044	ug/l	91

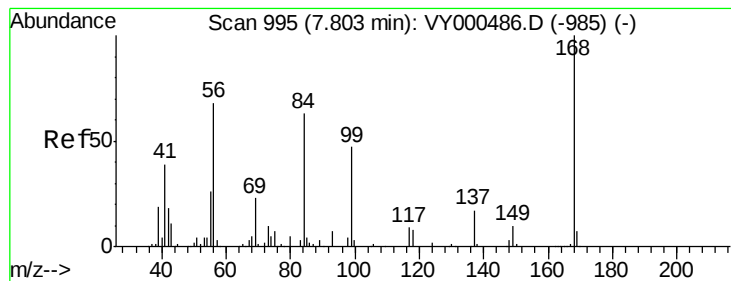
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000573.D

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MSVOA_Y

ClientSampleId :

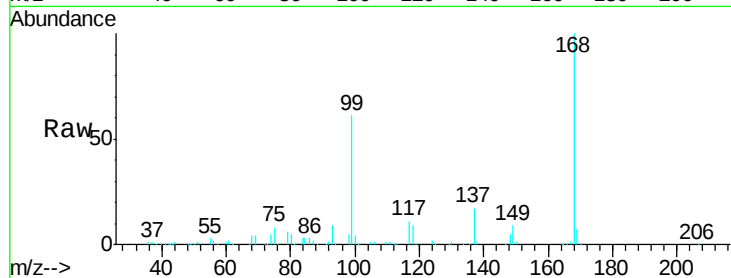
SO-3

Tgt Ion:168 Resp: 217511

Ion Ratio Lower Upper

168 100

99 60.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

100000

80000

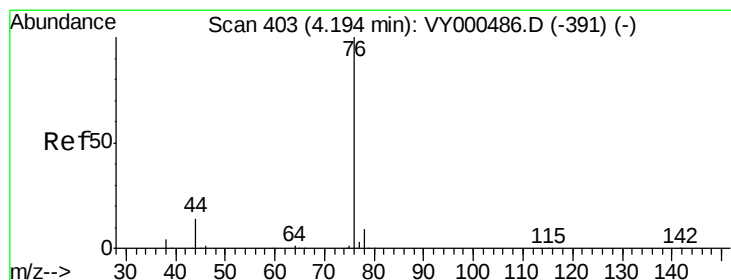
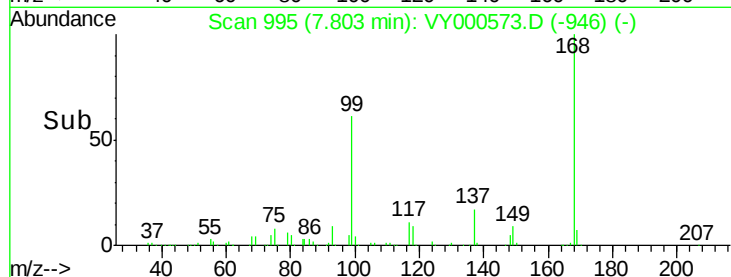
60000

40000

20000

0

Time-->



#17

Carbon Disulfide

Concen: 1.139 ug/l

RT: 4.19 min Scan# 402

Delta R.T. -0.01 min

Lab File: VY000573.D

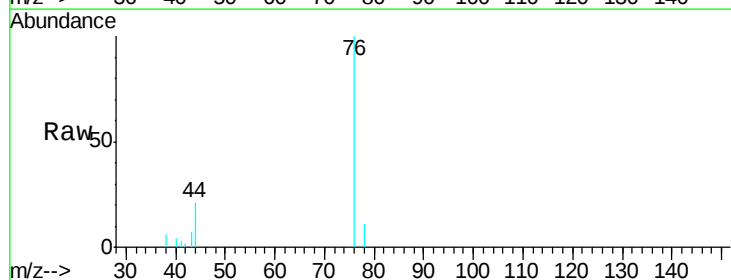
Acq: 07 Nov 2019 12:29

Tgt Ion: 76 Resp: 7807

Ion Ratio Lower Upper

76 100

78 10.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY000486.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VY000486.D (-391) (-)

4.19

3000

2500

2000

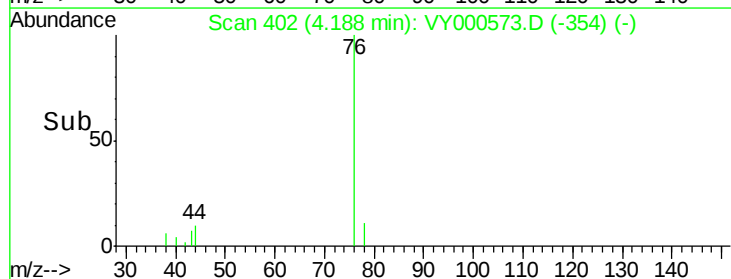
1500

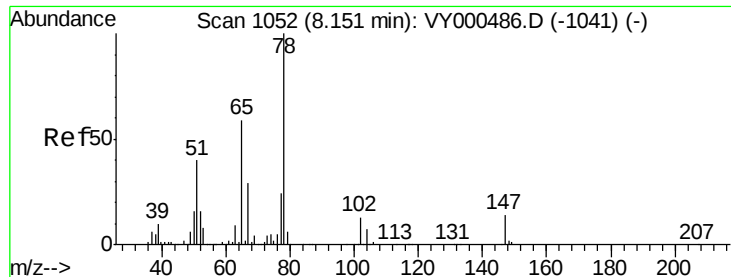
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.960 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000573.D

Acq: 07 Nov 2019 12:29

Instrument :

MSVOA_Y

ClientSampleId :

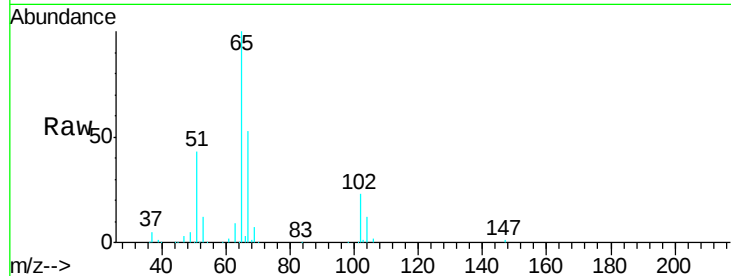
SO-3

Tgt Ion: 65 Resp: 123712

Ion Ratio Lower Upper

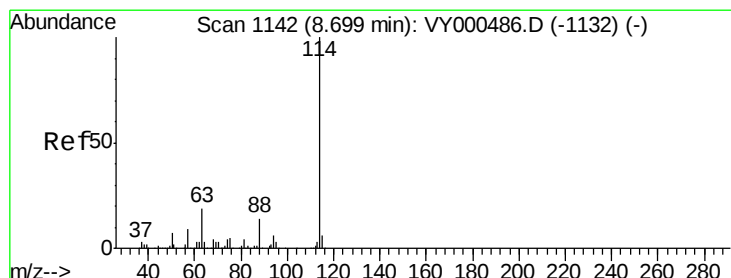
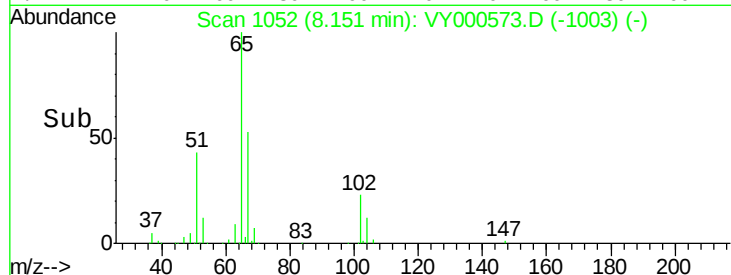
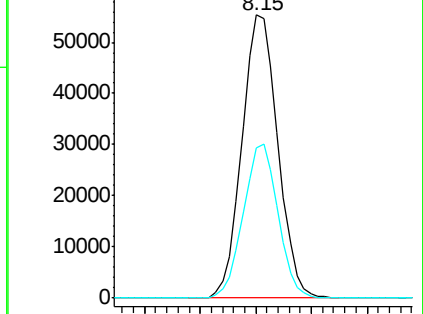
65 100

67 52.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000573.D

Acq: 07 Nov 2019 12:29

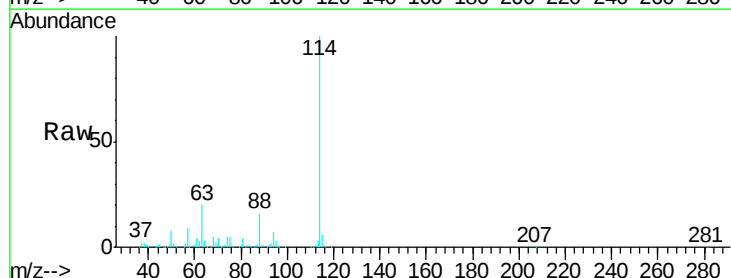
Tgt Ion: 114 Resp: 389139

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.0

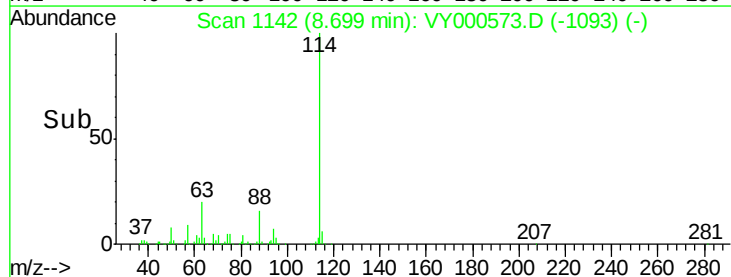
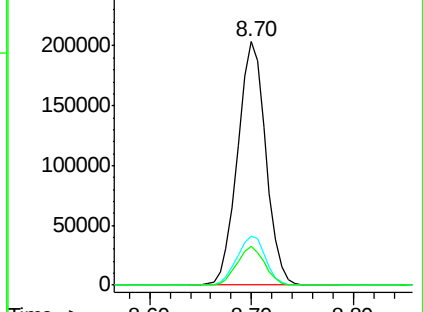
88 15.8 0.0 28.6

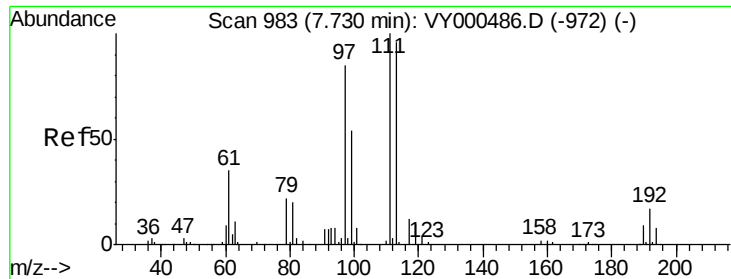


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

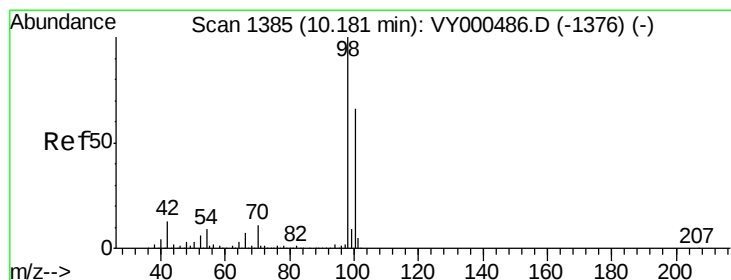
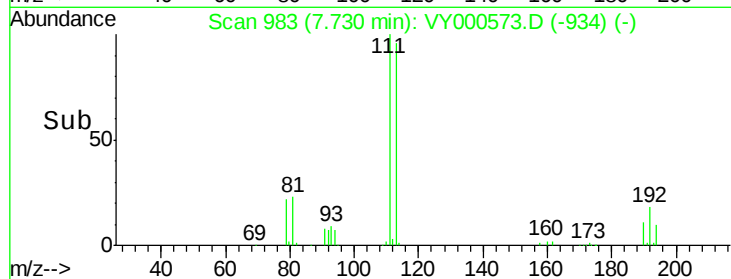
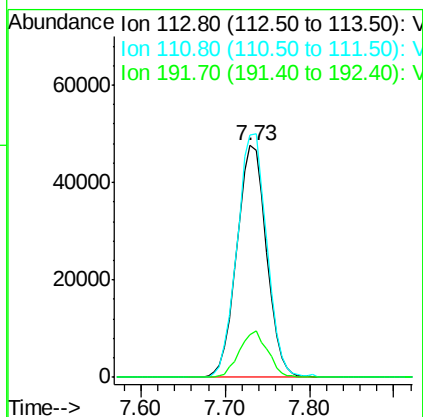
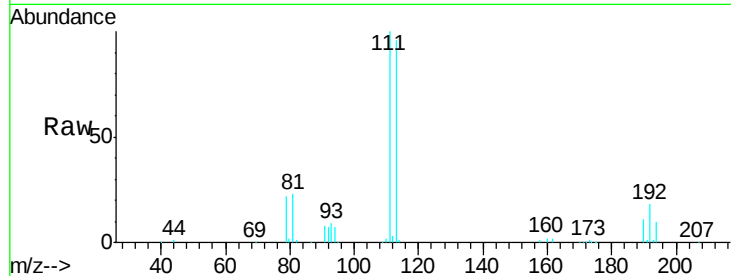




#35
 Dibromofluoromethane
 Concen: 49.445 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000573.D
 Acq: 07 Nov 2019 12:29

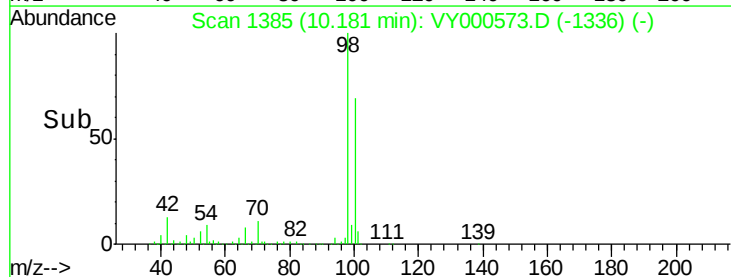
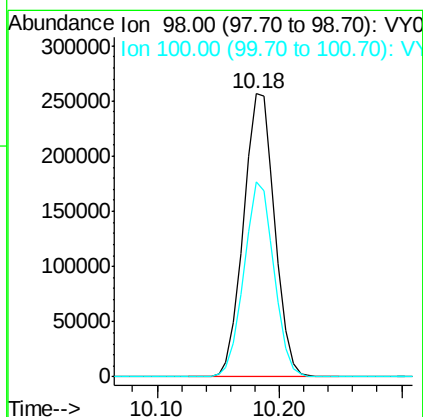
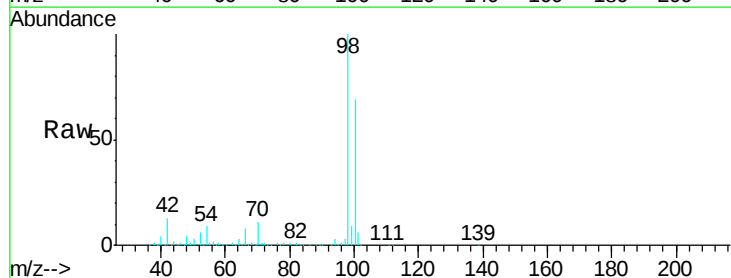
Instrument :
 MSVOA_Y
 ClientSampleId :
 SO-3

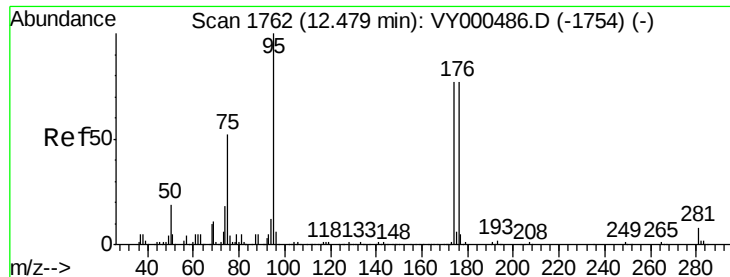
Tgt Ion:113 Resp: 112958
 Ion Ratio Lower Upper
 113 100
 111 105.3 81.7 122.5
 192 19.1 15.0 22.4



#50
 Toluene-d8
 Concen: 52.274 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000573.D
 Acq: 07 Nov 2019 12:29

Tgt Ion: 98 Resp: 453135
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 46.442 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000573.D

Acq: 07 Nov 2019 12:29

Instrument :

MSVOA_Y

ClientSampleId :

SO-3

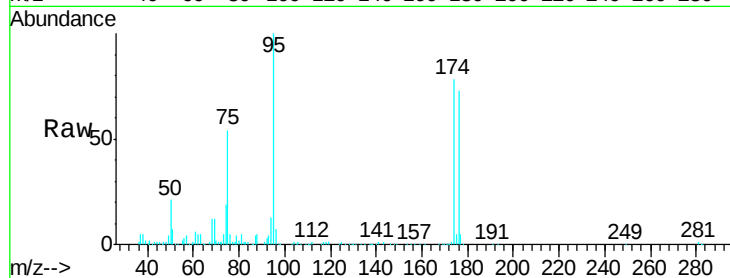
Tgt Ion: 95 Resp: 153259

Ion Ratio Lower Upper

95 100

174 78.9 0.0 161.6

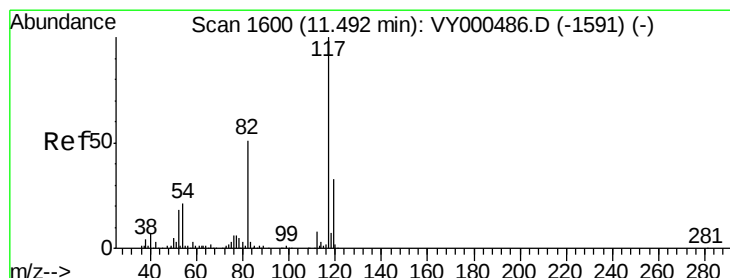
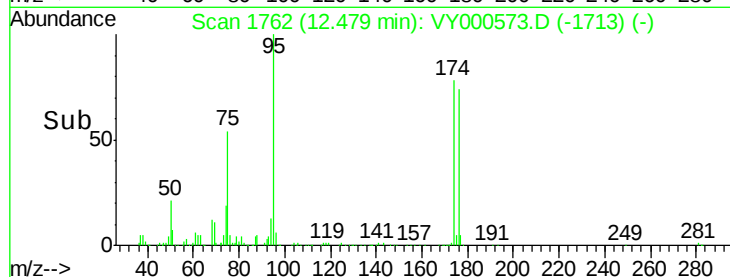
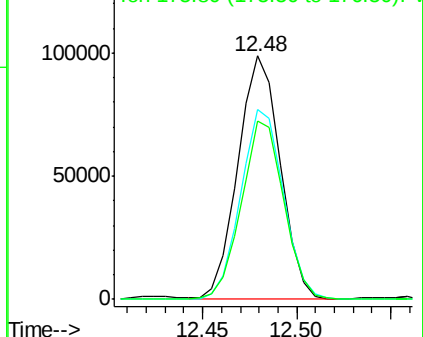
176 73.5 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY000573.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000573.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000573.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000573.D

Acq: 07 Nov 2019 12:29

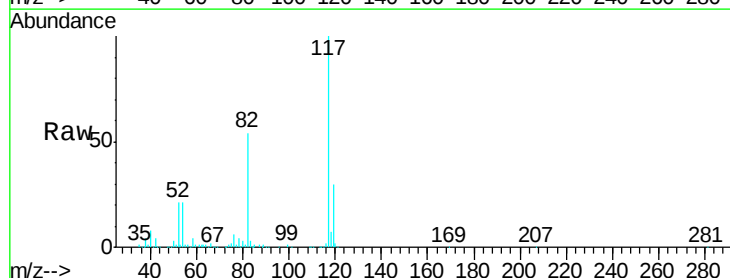
Tgt Ion: 117 Resp: 341655

Ion Ratio Lower Upper

117 100

82 54.2 40.8 61.2

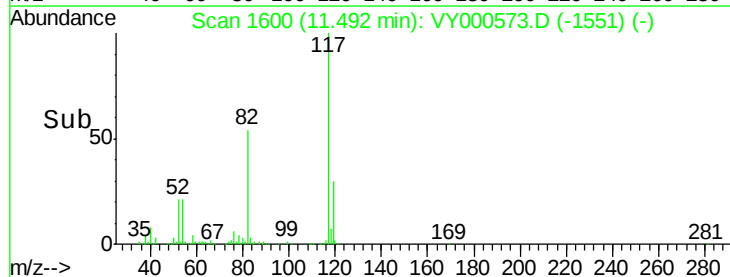
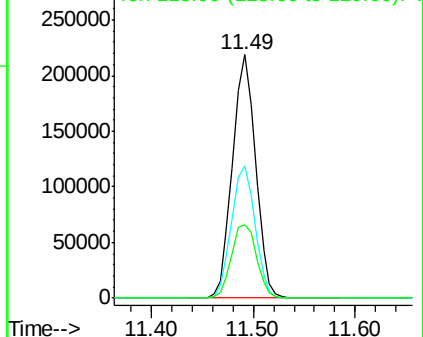
119 30.4 26.2 39.2

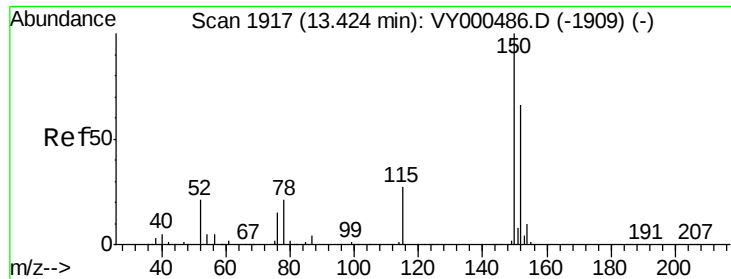


Abundance Ion 116.90 (116.60 to 117.60): VY000573.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000573.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000573.D (-1551) (-)



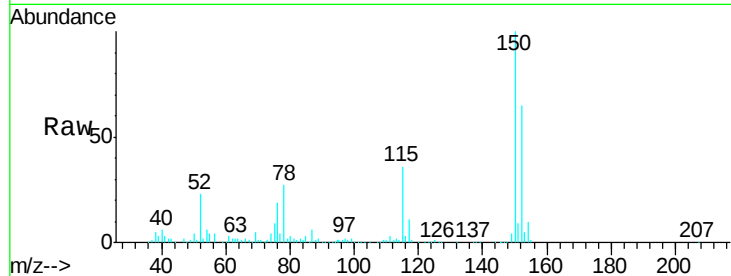


#72

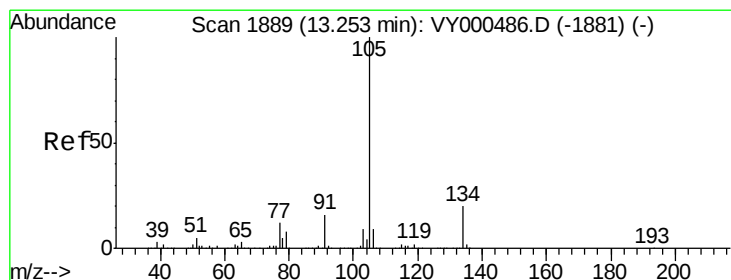
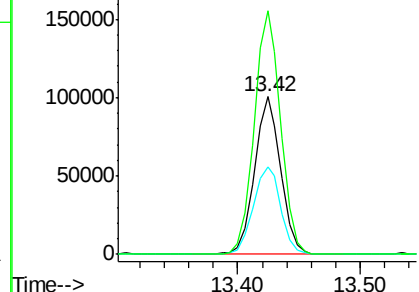
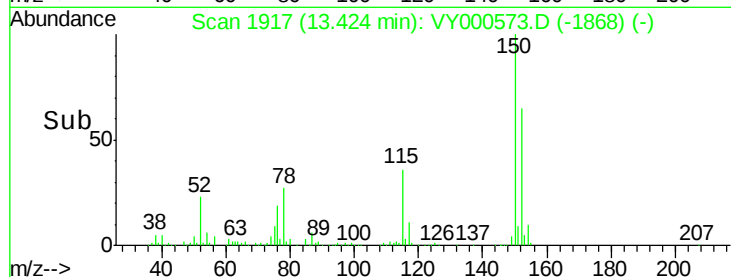
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000573.D
Acq: 07 Nov 2019 12:29

Instrument :
MSVOA_Y
ClientSampleId :
SO-3

Tgt Ion:152 Resp: 149585
Ion Ratio Lower Upper
152 100
115 58.4 29.1 87.4
150 155.0 0.0 348.8



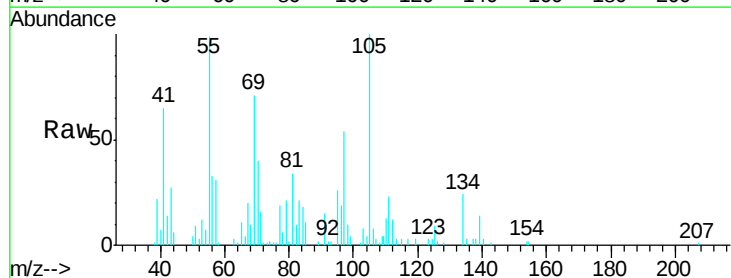
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



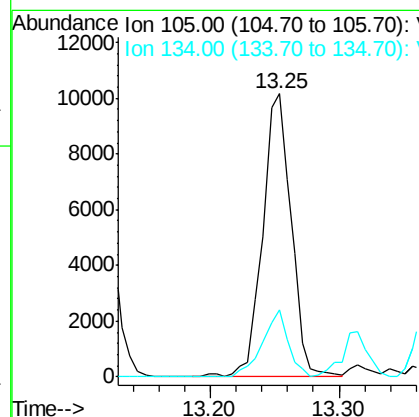
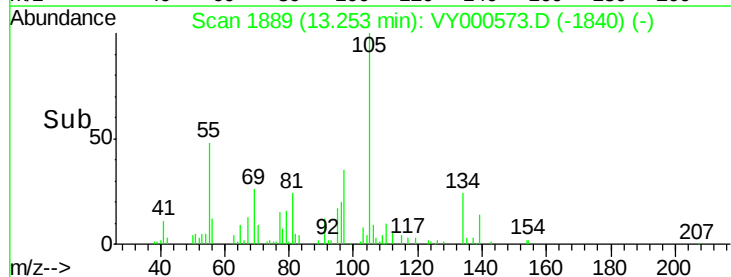
#85

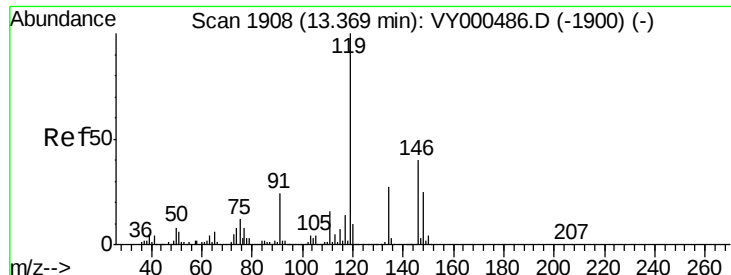
sec-Butylbenzene
Concen: 1.384 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. -0.00 min
Lab File: VY000573.D
Acq: 07 Nov 2019 12:29

Tgt Ion:105 Resp: 15503
Ion Ratio Lower Upper
105 100
134 21.4 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V

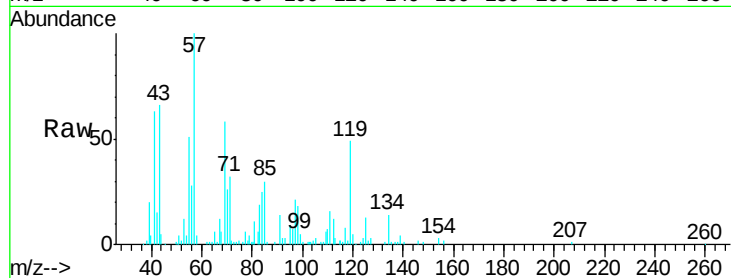




#86
 p-Isopropyltoluene
 Concen: 1.044 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000573.D
 Acq: 07 Nov 2019 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 SO-3

Tgt Ion	Resp	Lower	Upper
119	10418		
134	31.2	13.6	40.8
91	29.1	12.0	36.1



Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

