

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
 Data File : VY001494.D
 Acq On : 04 Feb 2020 18:06
 Operator : SY/MD
 Sample : L1390-03
 Misc : 7.96G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Quant Time: Feb 05 05:50:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	190437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	347663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	321126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	154073	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	112025	58.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	116.84%	
35) Dibromofluoromethane	7.74	113	106509	53.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.26%	
50) Toluene-d8	10.19	98	409580	54.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.00%	
62) 4-Bromofluorobenzene	12.48	95	163344	54.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.34%	

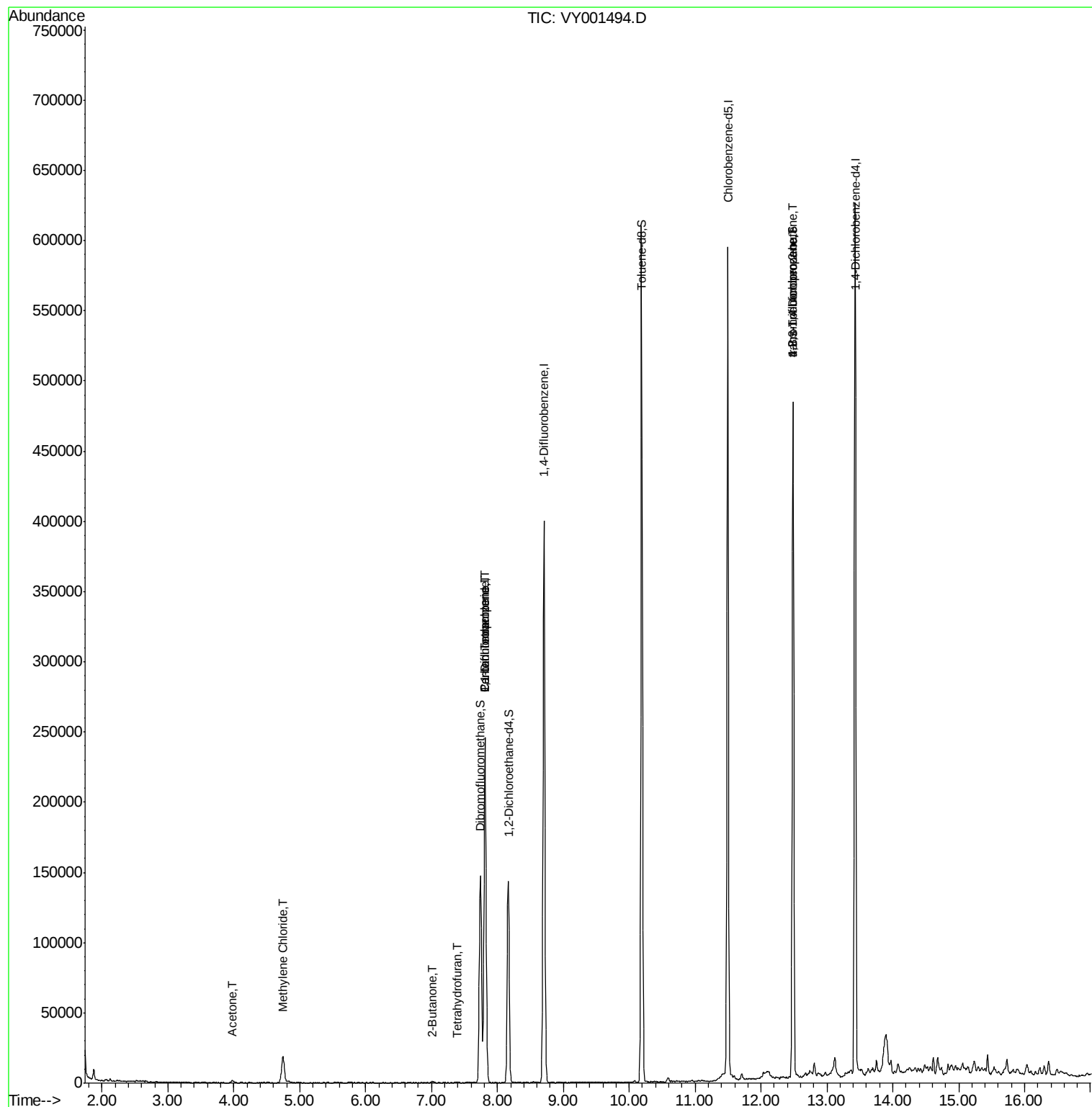
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	158	Below Cal	#	76
16) Acetone	3.97	43	3289	5.930	ug/l	94
20) Methylene Chloride	4.74	84	14786	2.300	ug/l	92
25) 2-Butanone	7.02	43	895	1.244	ug/l #	45
29) Tetrahydrofuran	7.38	42	433	1.004	ug/l #	58
36) 1,1-Dichloropropene	7.82	75	14361	4.515	ug/l #	49
38) Carbon Tetrachloride	7.82	117	19217	6.245	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	78660	47.474	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	78660	91.860	ug/l #	16

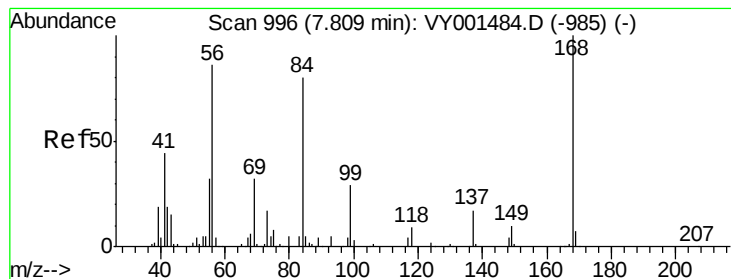
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
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Quant Time: Feb 05 05:50:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001494.D

Acq: 04 Feb 2020 18:06

Instrument :

MSVOA_Y

ClientSampled :

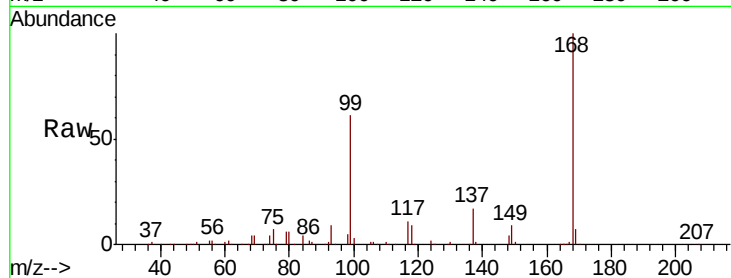
SB-3

Tot Ion:168 Resp: 190437

Ion Ratio Lower Upper

168 100

99 60.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.82

80000

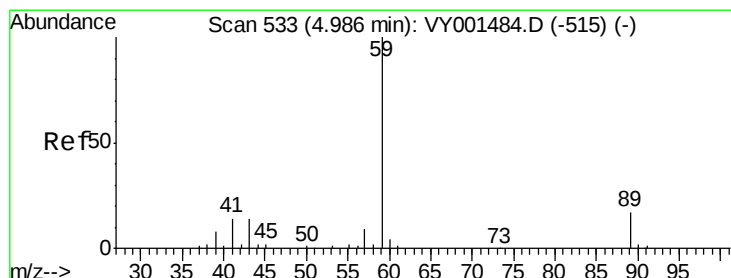
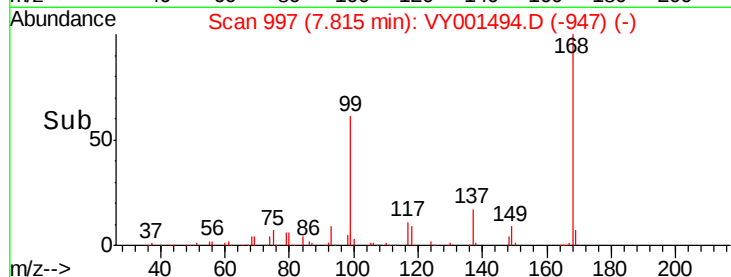
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 534

Delta R.T. 0.01 min

Lab File: VY001494.D

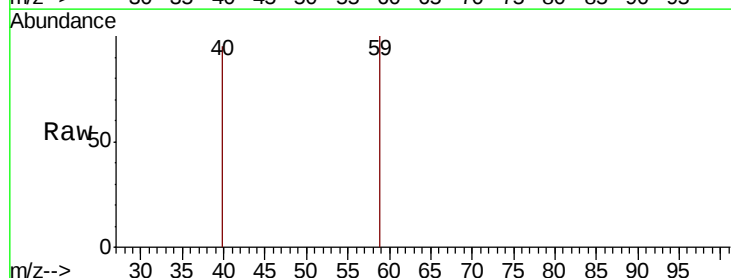
Acq: 04 Feb 2020 18:06

Tgt Ion: 59 Resp: 158

Ion Ratio Lower Upper

59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001484.D (-515) (-)

Ion 57.00 (56.70 to 57.70): VY001484.D (-515) (-)

4.99

120

100

80

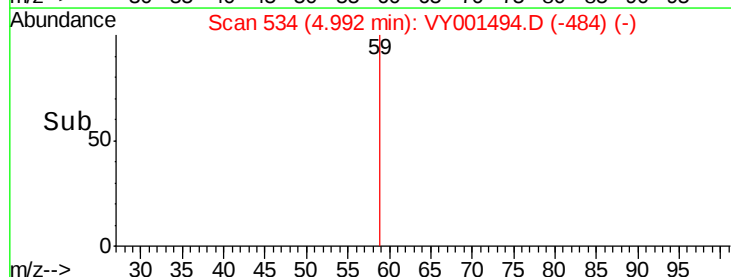
60

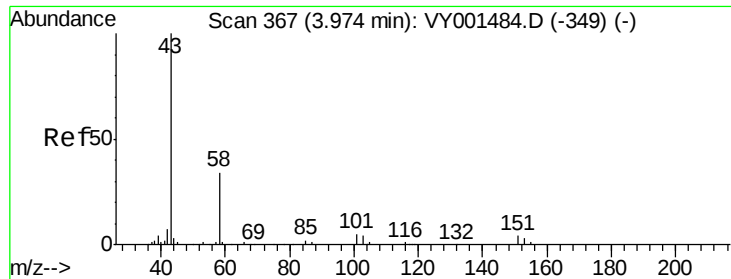
40

20

0

Time-->





#16

Acetone

Concen: 5.930 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001494.D

Acq: 04 Feb 2020 18:06

Instrument :

MSVOA_Y

ClientSampleId :

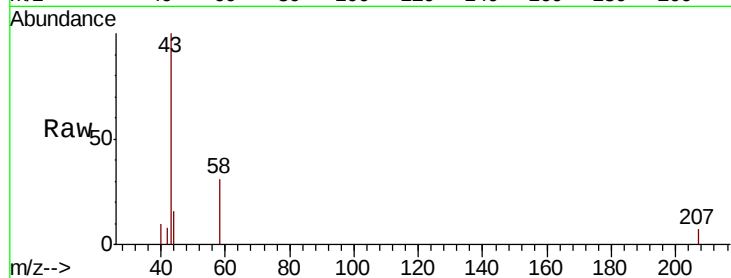
SB-3

Tot Ion: 43 Resp: 3289

Ion Ratio Lower Upper

43 100

58 31.0 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY001484.D (-349) (-)

3.97

1200

1000

800

600

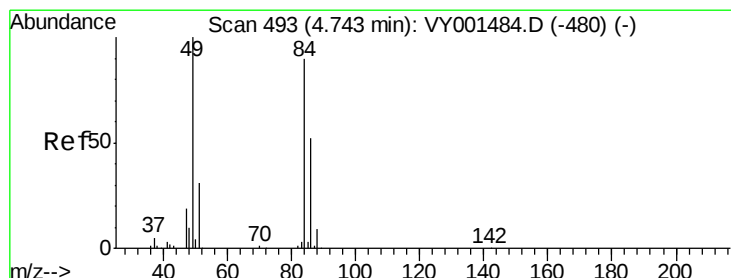
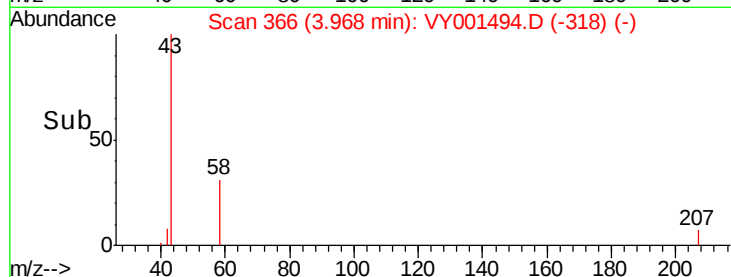
400

200

0

3.90 3.95 4.00 4.05 4.10

Time-->



#20

Methylene Chloride

Concen: 2.300 ug/l

RT: 4.74 min Scan# 493

Delta R.T. 0.00 min

Lab File: VY001494.D

Acq: 04 Feb 2020 18:06

Tgt Ion: 84 Resp: 14786

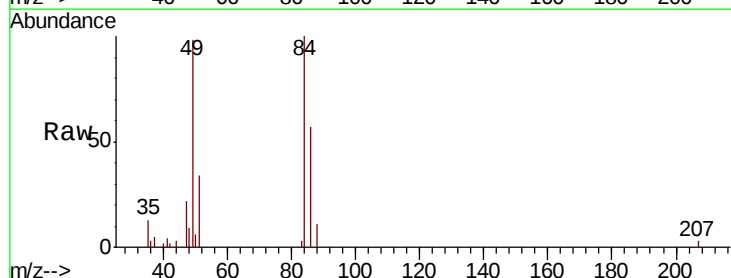
Ion Ratio Lower Upper

84 100

49 98.3 89.0 133.6

51 33.6 27.4 41.2

86 56.6 46.6 70.0



Abundance Ion 83.90 (83.60 to 84.60): VY001484.D (-480) (-)

Ion 48.90 (48.60 to 49.60): VY001484.D (-480) (-)

Ion 50.90 (50.60 to 51.60): VY001484.D (-480) (-)

Ion 85.90 (85.60 to 86.60): VY001484.D (-480) (-)

8000

6000

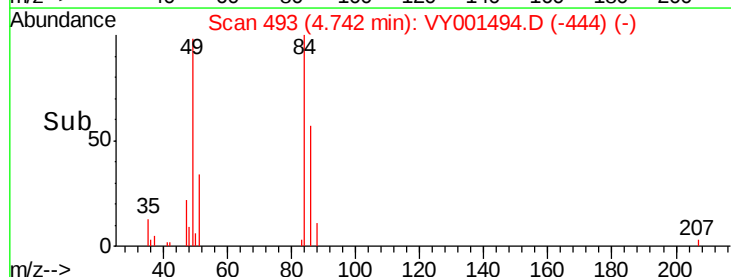
4000

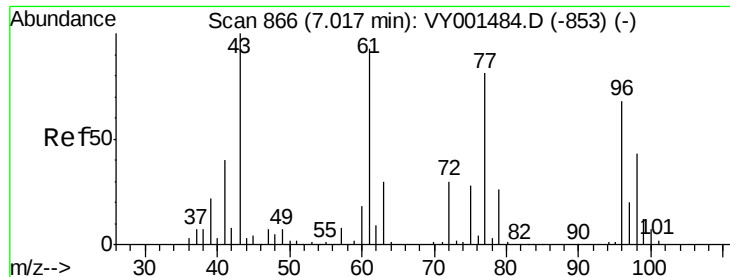
2000

0

4.60 4.70 4.80

Time-->

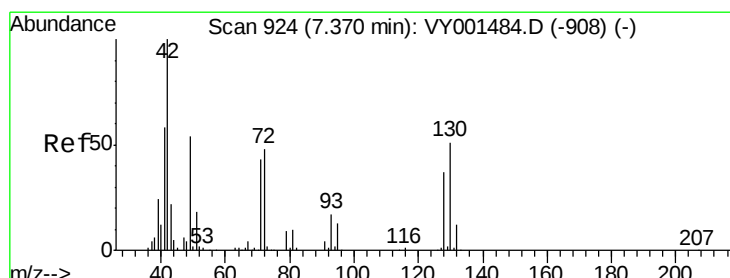
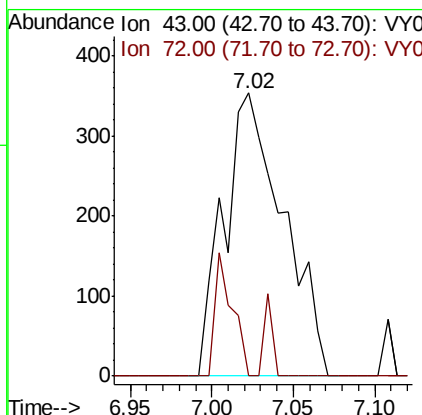
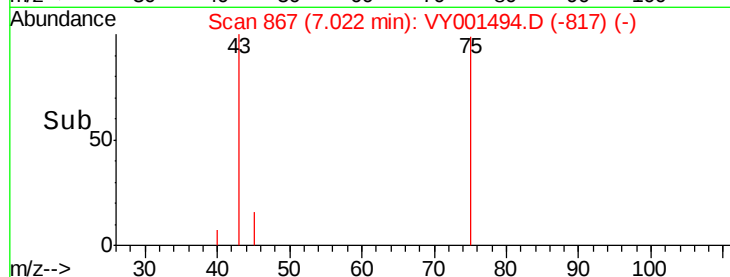
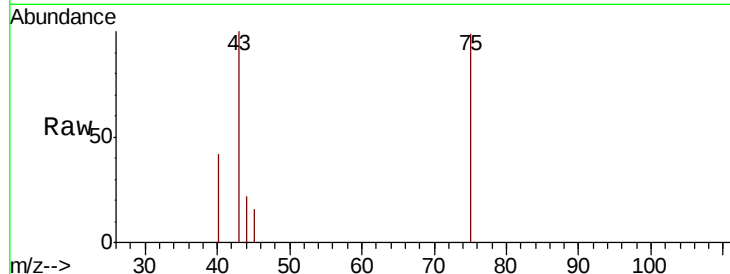




#25
 2-Butanone
 Concen: 1.244 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. 0.01 min
 Lab File: VY001494.D
 Acq: 04 Feb 2020 18:06

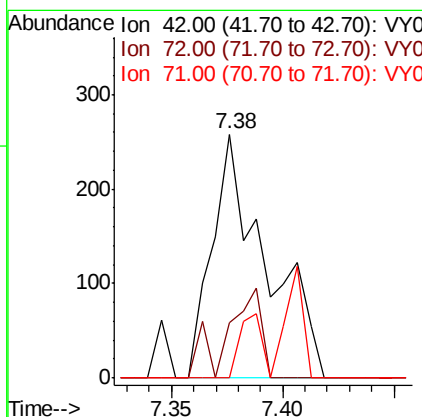
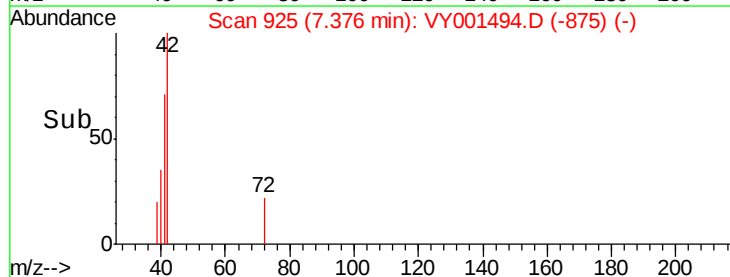
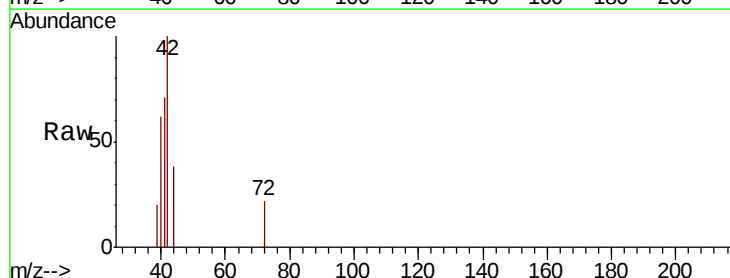
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-3

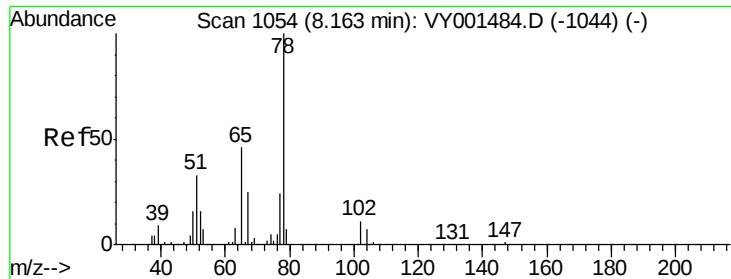
Tot Ion: 43 Resp: 895
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.8 35.8#



#29
 Tetrahydrofuran
 Concen: 1.004 ug/l
 RT: 7.38 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: VY001494.D
 Acq: 04 Feb 2020 18:06

Tgt Ion: 42 Resp: 433
 Ion Ratio Lower Upper
 42 100
 72 24.0 37.8 56.6#
 71 10.9 34.8 52.2#

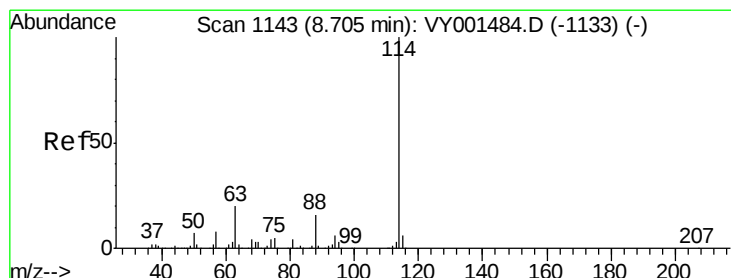
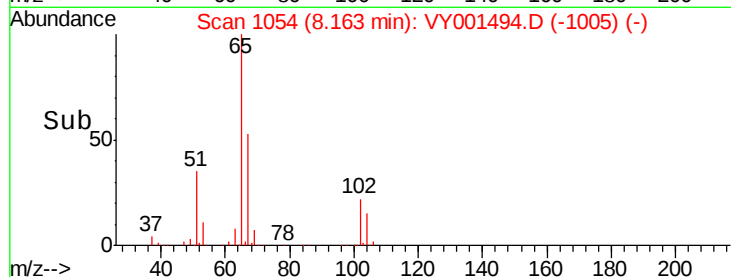
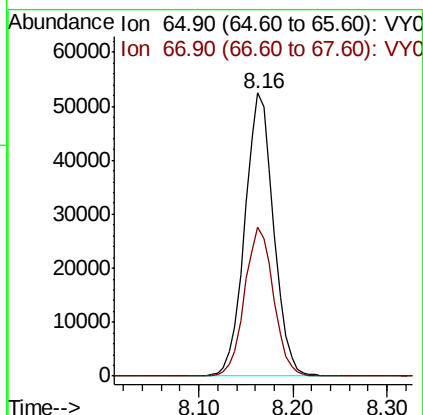
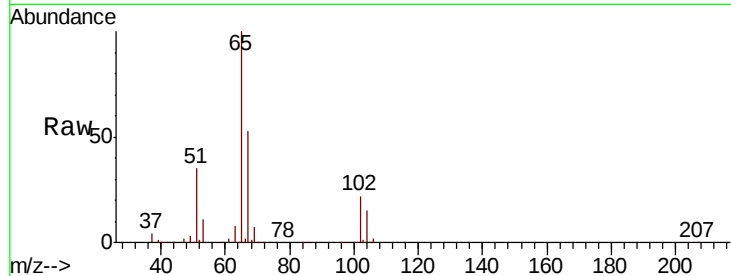




#33
 1,2-Dichloroethane-d4
 Concen: 58.425 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY001494.D
 Acq: 04 Feb 2020 18:06

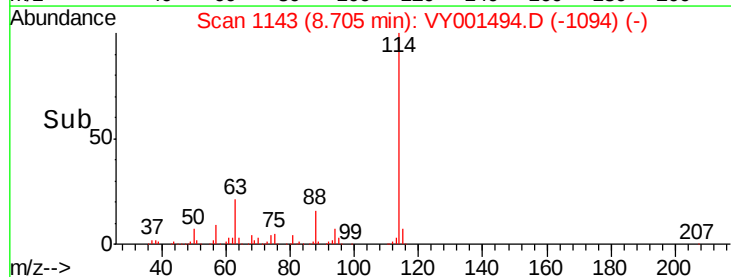
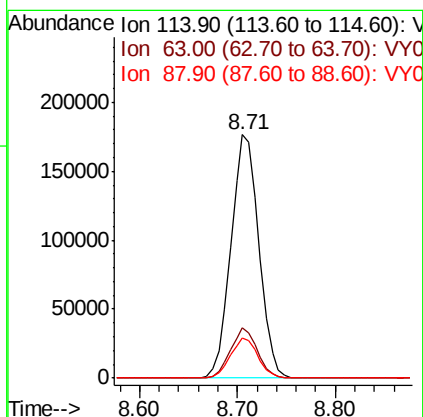
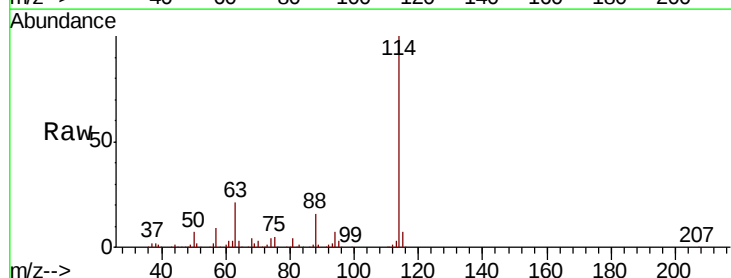
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

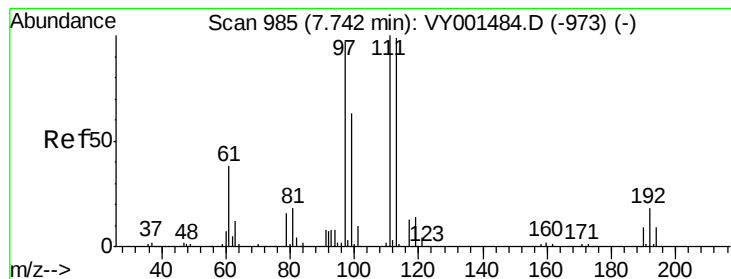
Tot Ion: 65 Resp: 112025
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY001494.D
 Acq: 04 Feb 2020 18:06

Tgt Ion: 114 Resp: 347663
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.127 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.00 min

Lab File: VY001494.D

Acq: 04 Feb 2020 18:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

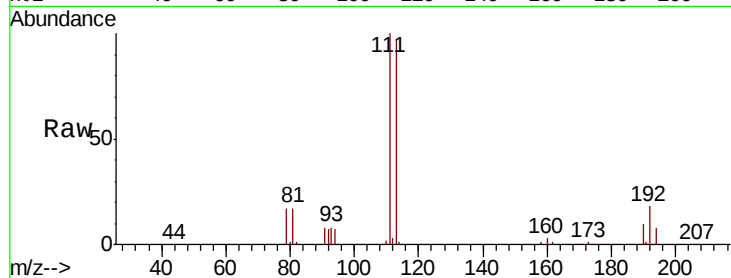
Tot Ion:113 Resp: 106509

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

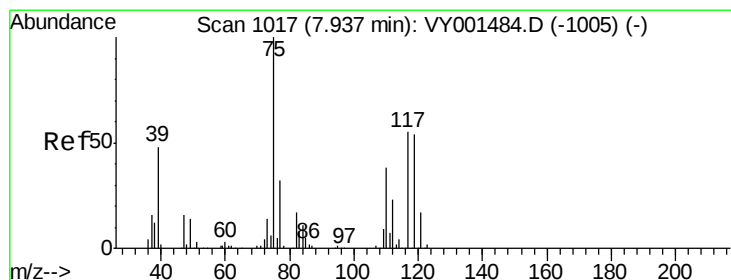
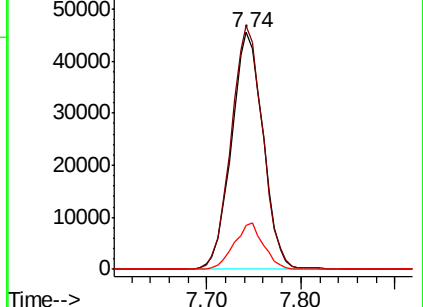
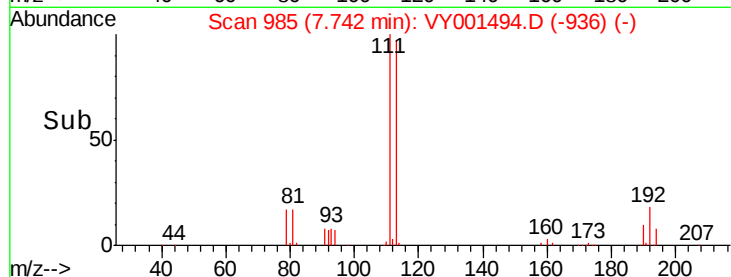
192 18.2 14.6 22.0



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: 4.515 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.12 min

Lab File: VY001494.D

Acq: 04 Feb 2020 18:06

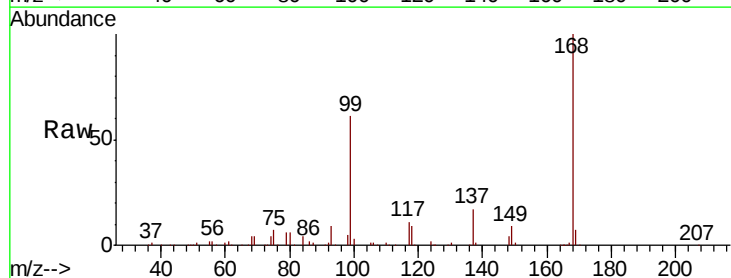
Tgt Ion: 75 Resp: 14361

Ion Ratio Lower Upper

75 100

110 8.9 18.2 54.6#

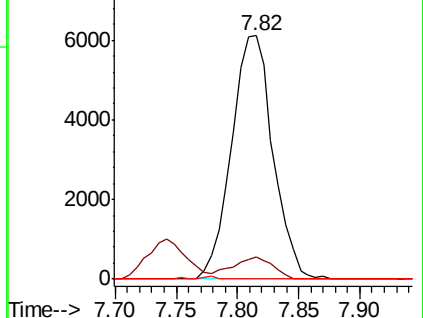
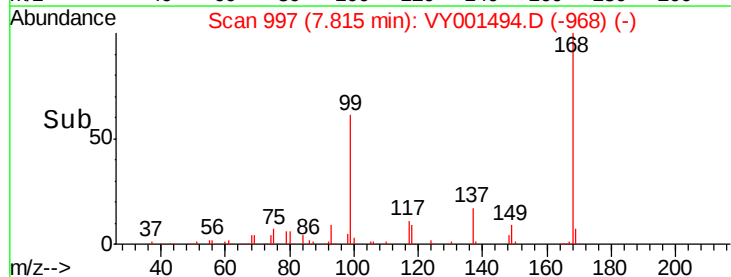
77 0.0 25.0 37.4#

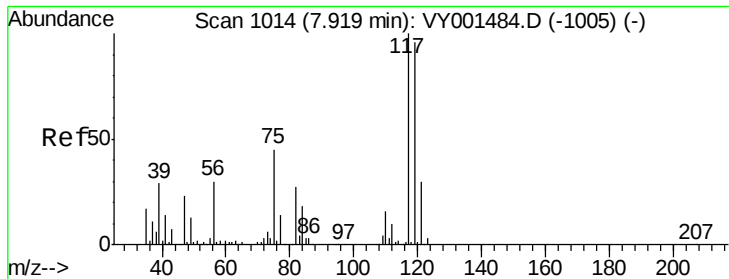


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.245 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.10 min

Lab File: VY001494.D

Acq: 04 Feb 2020 18:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

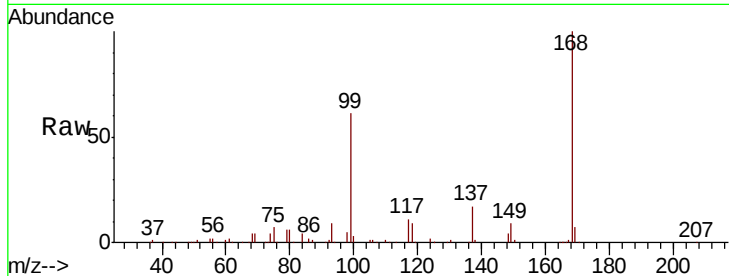
Tot Ion:117 Resp: 19217

Ion Ratio Lower Upper

117 100

119 3.5 76.4 114.6#

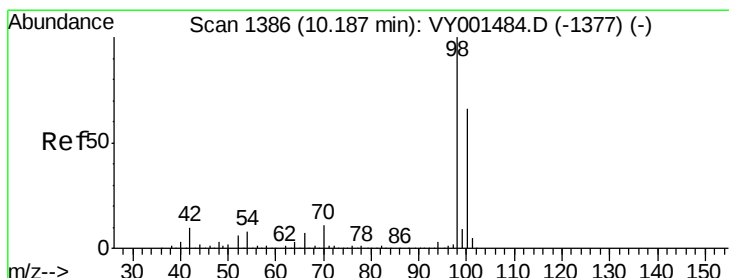
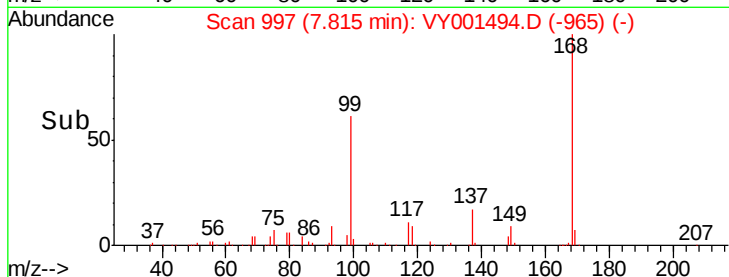
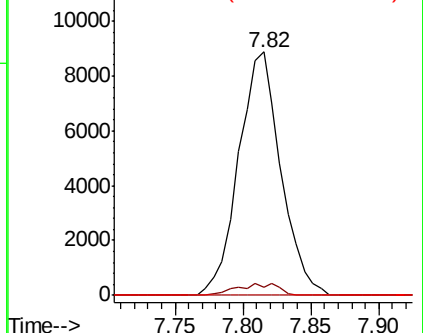
121 0.0 24.2 36.4#



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: 53.999 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001494.D

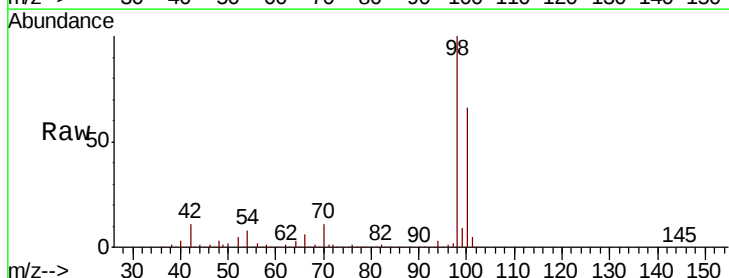
Acq: 04 Feb 2020 18:06

Tgt Ion: 98 Resp: 409580

Ion Ratio Lower Upper

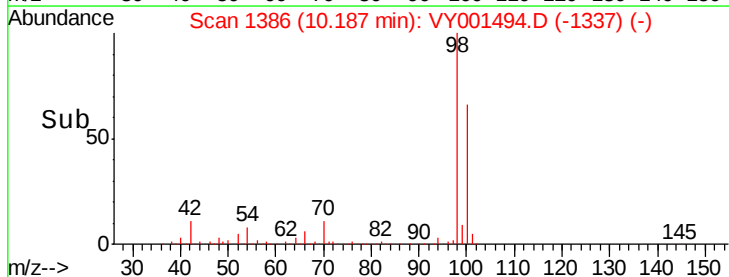
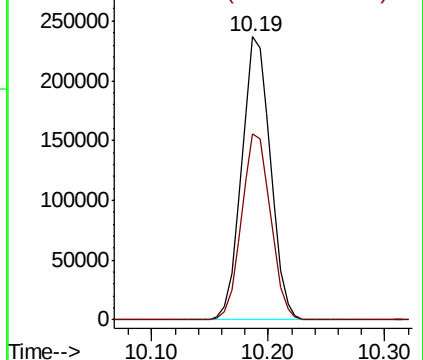
98 100

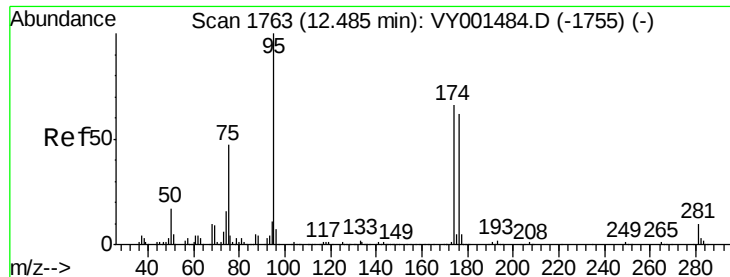
100 66.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

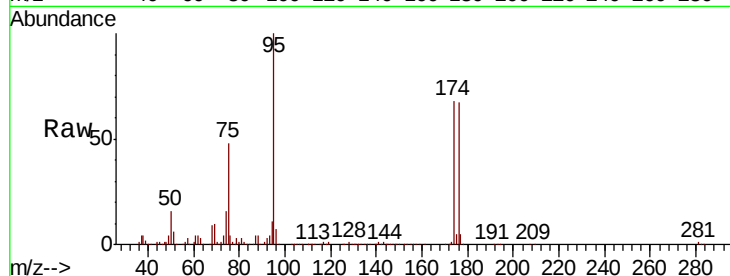




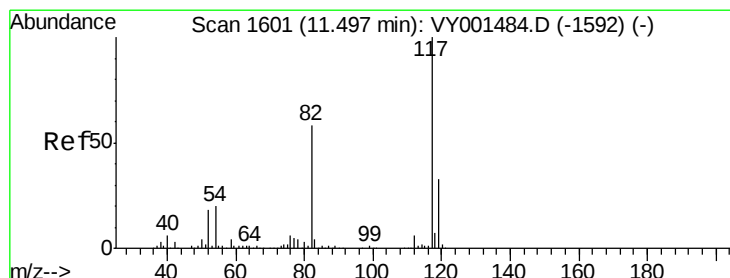
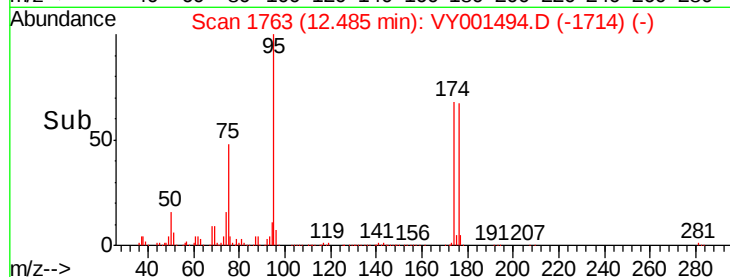
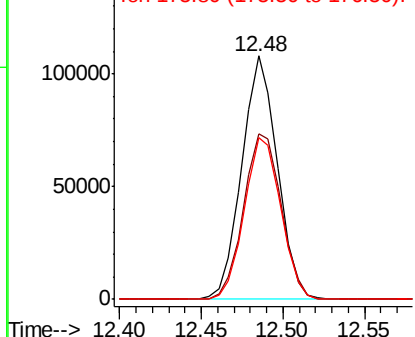
#62
4-Bromofluorobenzene
Concen: 54.665 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001494.D
Acq: 04 Feb 2020 18:06

Instrument :
MSVOA_Y
ClientSampled :
SB-3

Tot Ion: 95 Resp: 163344
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.4
176 68.8 0.0 135.4

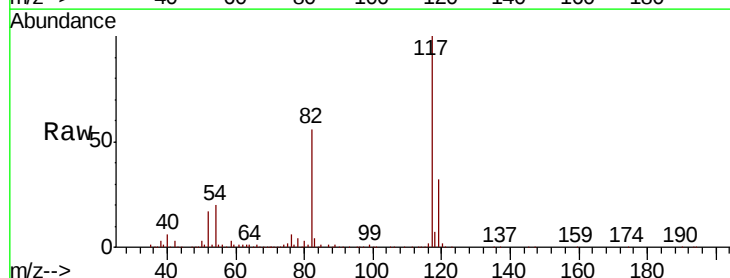


Abundance Ion 94.90 (94.60 to 95.60): VY0
Ion 173.80 (173.50 to 174.50): VY0
Ion 175.80 (175.50 to 176.50): VY0

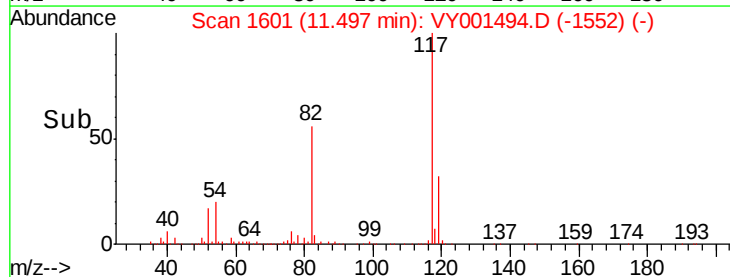
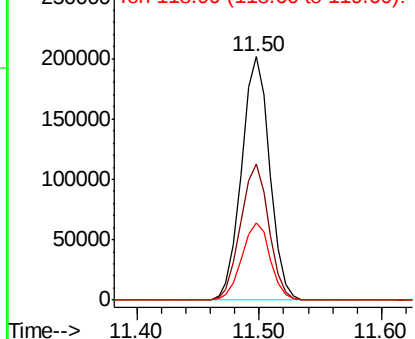


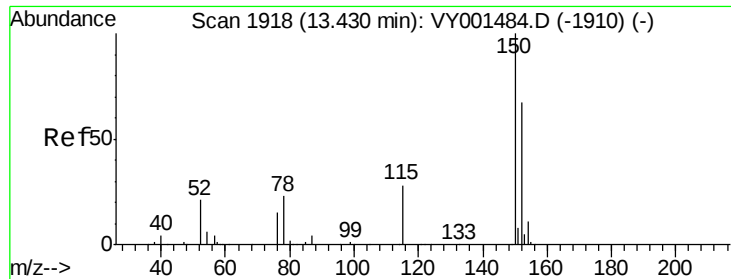
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001494.D
Acq: 04 Feb 2020 18:06

Tgt Ion: 117 Resp: 321126
Ion Ratio Lower Upper
117 100
82 55.9 46.1 69.1
119 31.6 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VY0
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): VY0



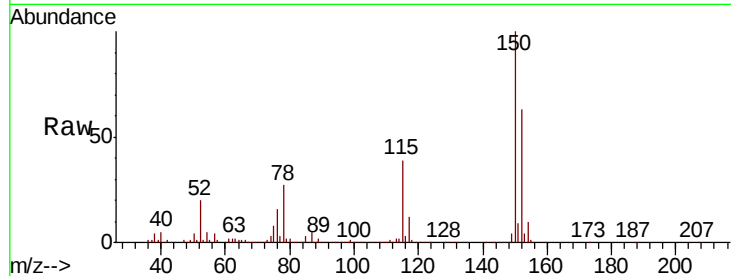


#72

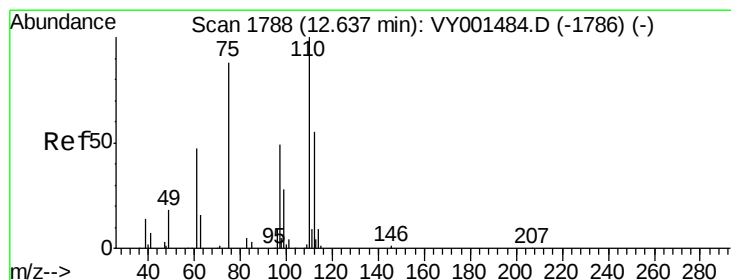
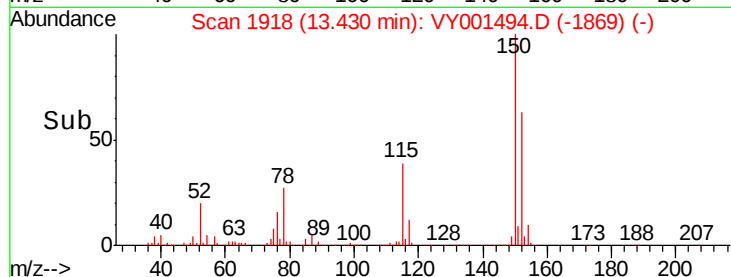
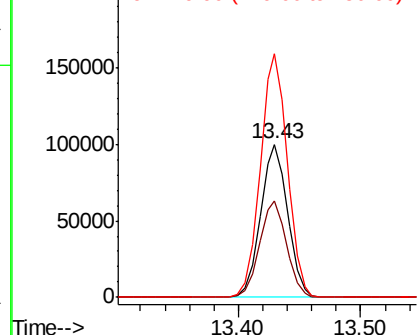
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001494.D
Acq: 04 Feb 2020 18:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-3

Tot Ion:152 Resp: 154073
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.3
150 158.6 0.0 346.8



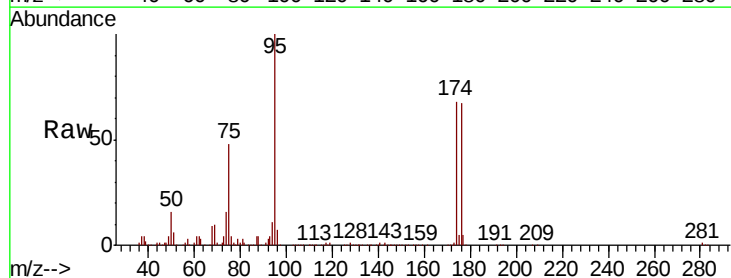
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



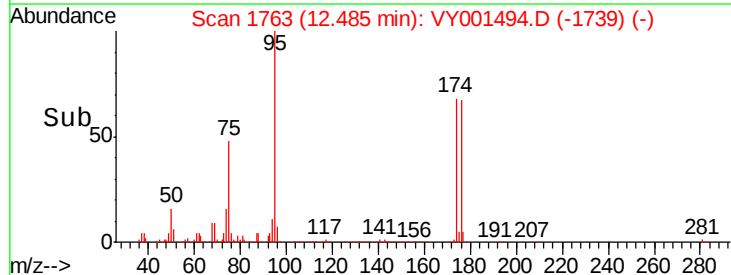
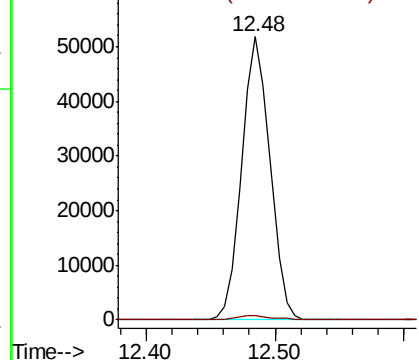
#76

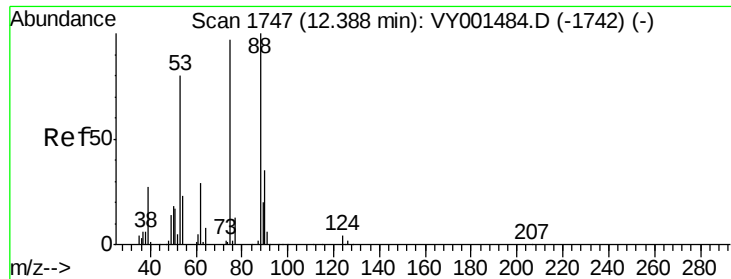
1,2,3-Trichloropropane
Concen: 47.474 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY001494.D
Acq: 04 Feb 2020 18:06

Tgt Ion: 75 Resp: 78660
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 91.860 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001494.D

Acq: 04 Feb 2020 18:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

Tot Ion: 75 Resp: 78660

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.1 34.6 52.0#

