

Data File : VY002437.D
Acq On : 21 Apr 2020 16:48
Operator : SY/MD
Sample : L2327-11RE
Misc : 7.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

Quant Time: Apr 22 02:36:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 15:14:11 2020
Response via : Initial Calibration

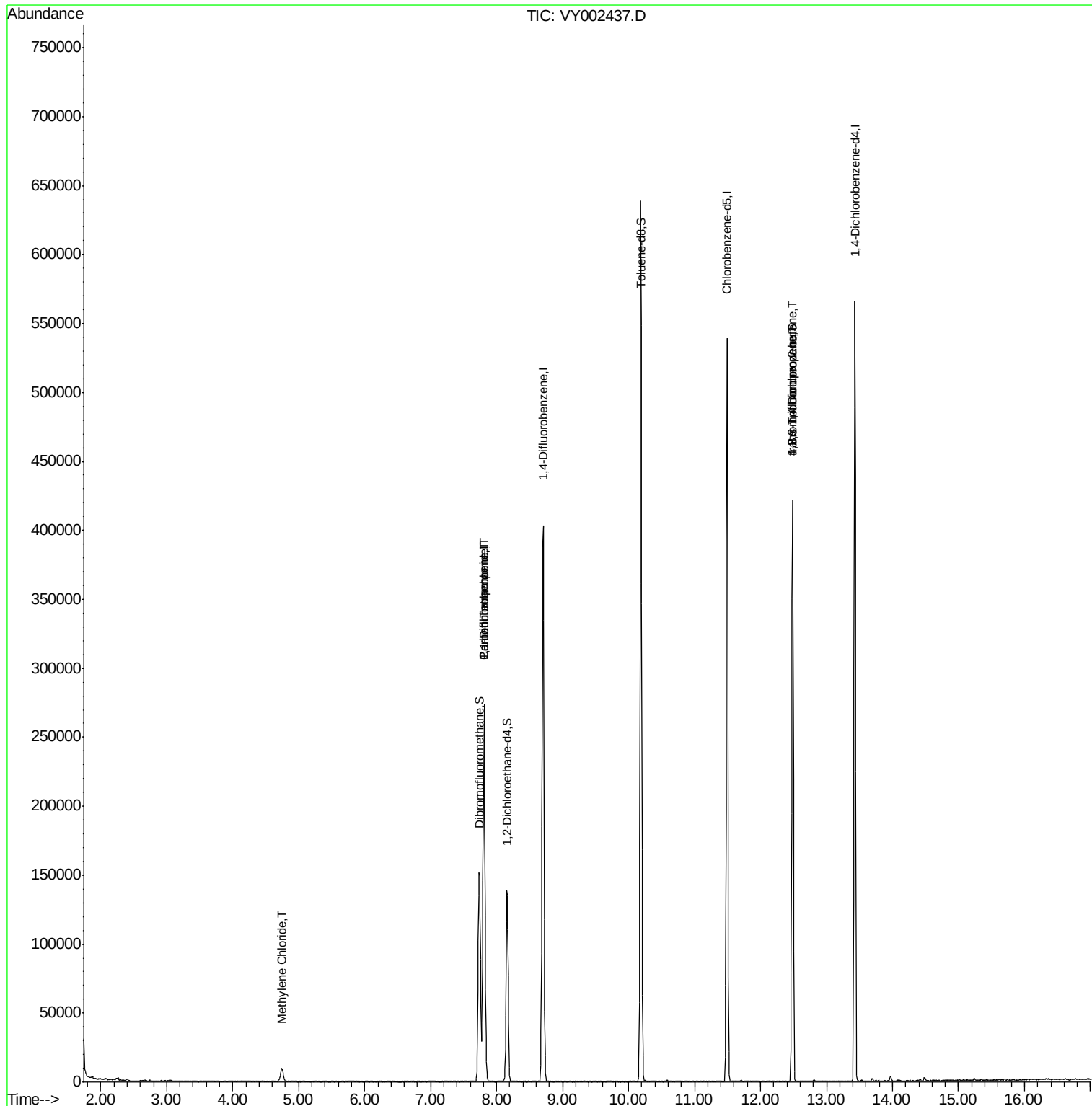
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	238338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	382399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	328711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	153518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	102834	59.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.64%	
35) Dibromofluoromethane	7.74	113	109829	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
50) Toluene-d8	10.19	98	436579	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
62) 4-Bromofluorobenzene	12.49	95	131152	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
Target Compounds						
20) Methylene Chloride	4.74	84	7975	3.077	ug/l	97
36) 1,1-Dichloropropene	7.81	75	14293	4.645	ug/l #	47
38) Carbon Tetrachloride	7.80	117	20832	6.722	ug/l #	14
76) 1,2,3-Trichloropropane	12.49	75	59915	44.301	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	59915	86.338	ug/l #	19

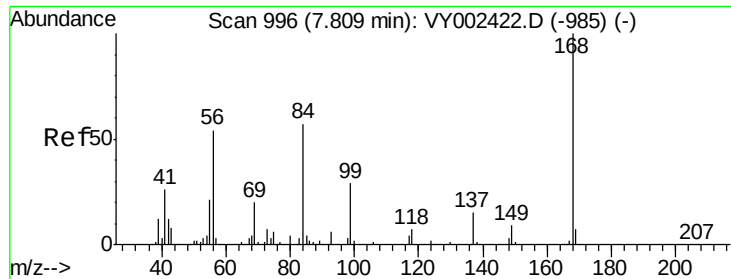
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002437.D

Acq: 21 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

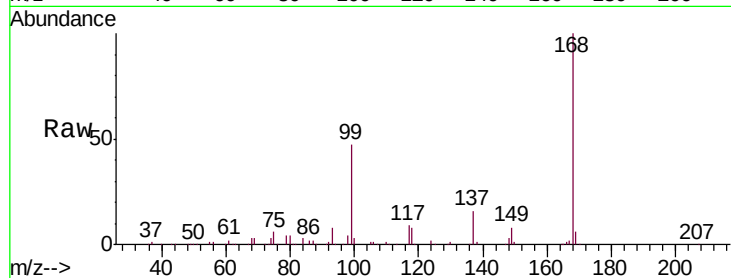
TP-4-S2

Tgt Ion:168 Resp: 238338

Ion Ratio Lower Upper

168 100

99 47.5 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.81

120000

100000

80000

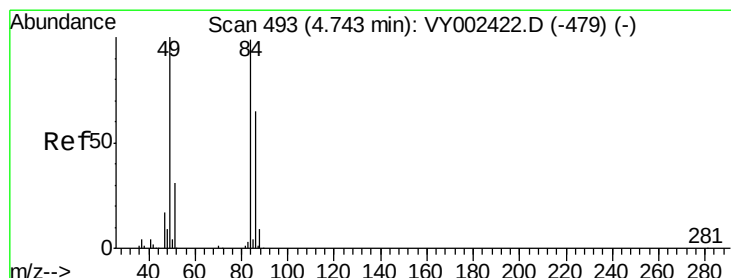
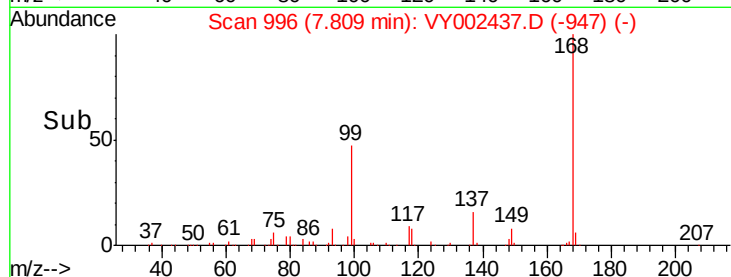
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 3.077 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.00 min

Lab File: VY002437.D

Acq: 21 Apr 2020 16:48

Tgt Ion: 84 Resp: 7975

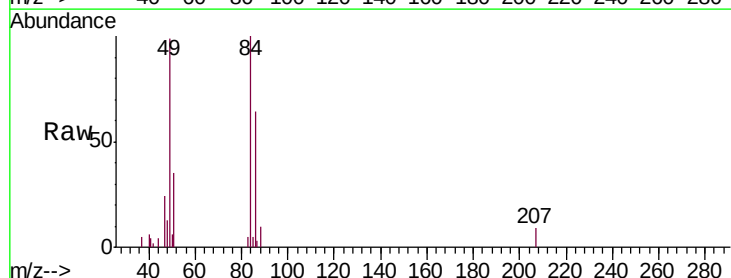
Ion Ratio Lower Upper

84 100

49 99.3 81.0 121.6

51 35.3 24.9 37.3

86 64.5 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VY002422.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002422.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002422.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002422.D (-479) (-)

4.74

4000

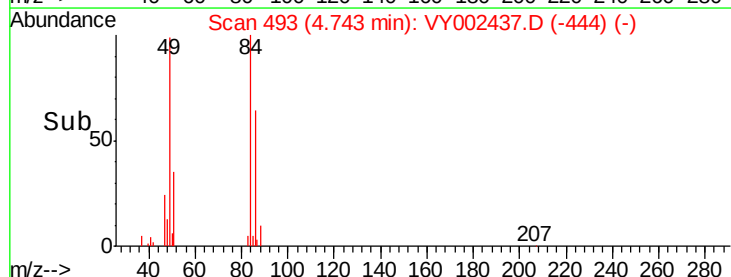
3000

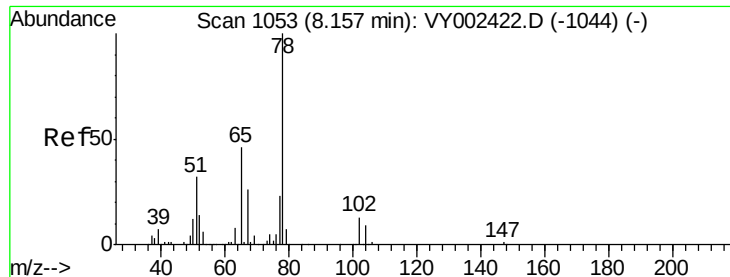
2000

1000

0

Time-->

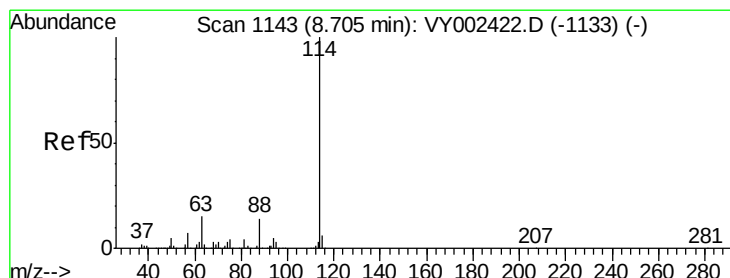
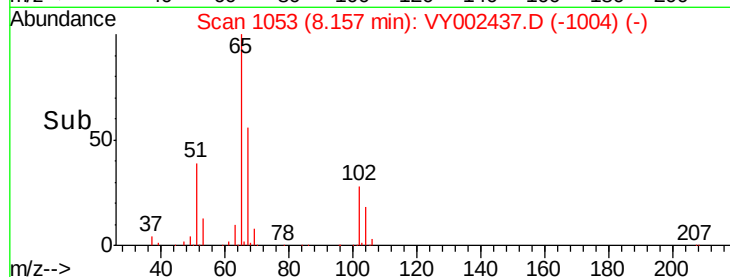
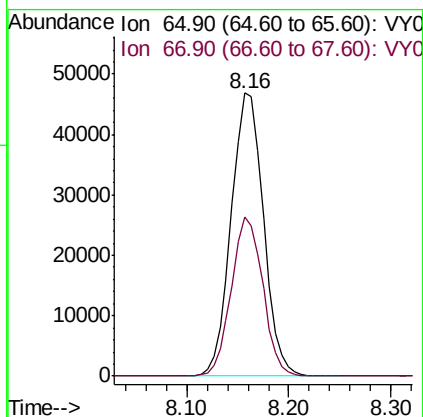
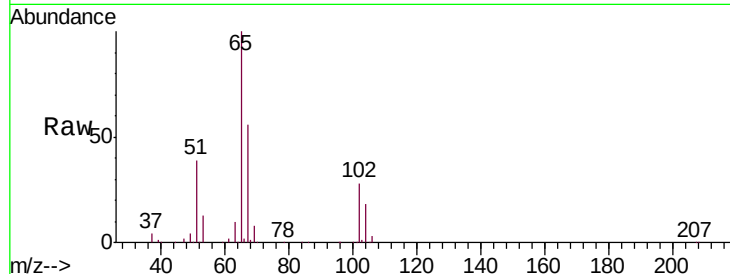




#33
 1,2-Dichloroethane-d4
 Concen: 59.323 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002437.D
 Acq: 21 Apr 2020 16:48

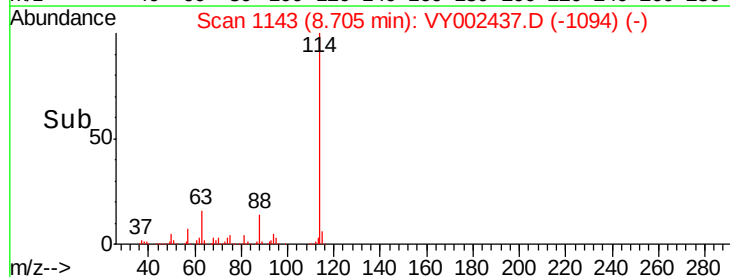
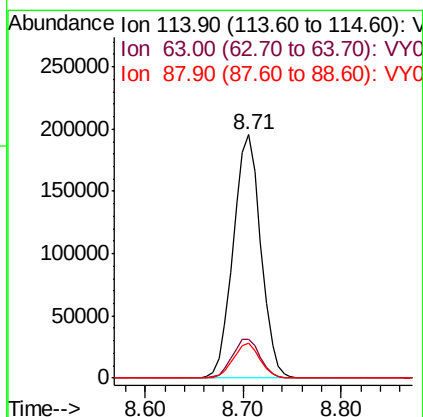
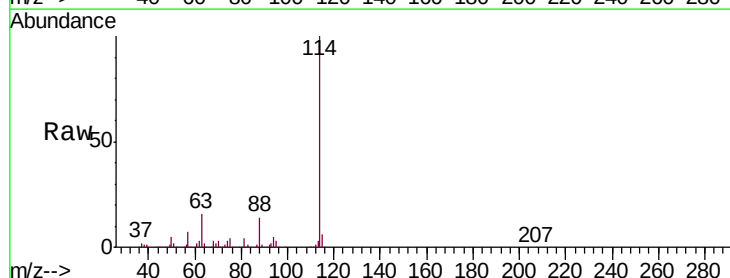
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-S2

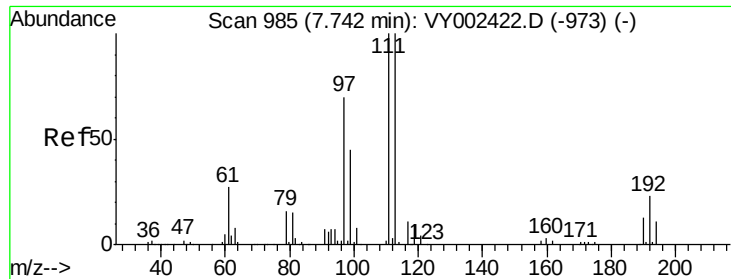
Tgt Ion: 65 Resp: 102834
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002437.D
 Acq: 21 Apr 2020 16:48

Tgt Ion: 114 Resp: 382399
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.0
 88 14.2 0.0 28.2

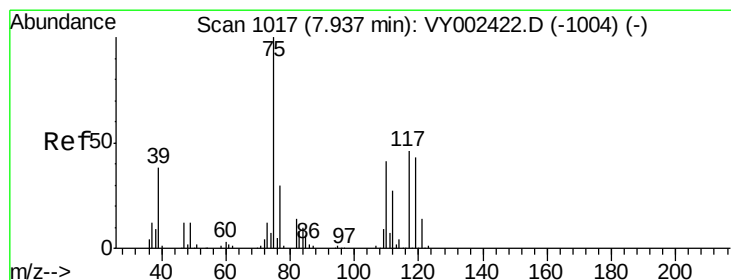
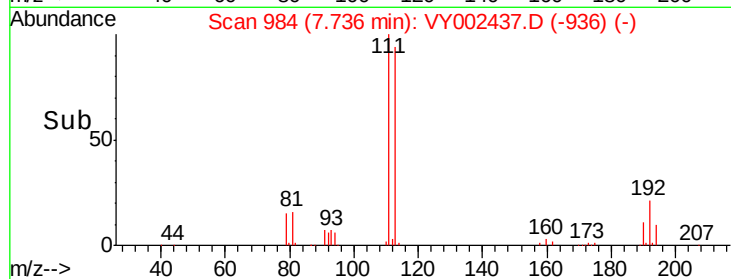
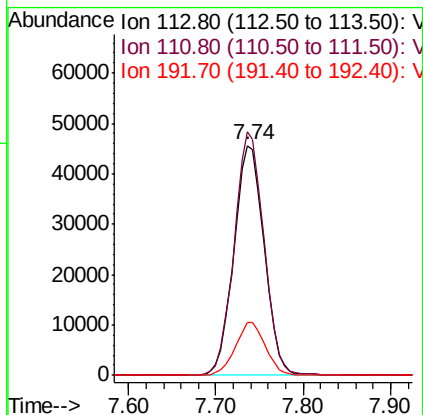
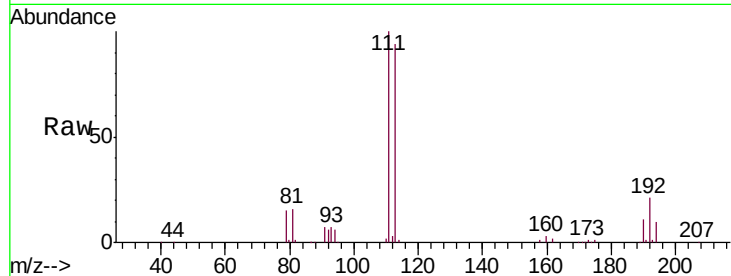




#35
 Dibromofluoromethane
 Concen: 54.605 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002437.D
 Acq: 21 Apr 2020 16:48

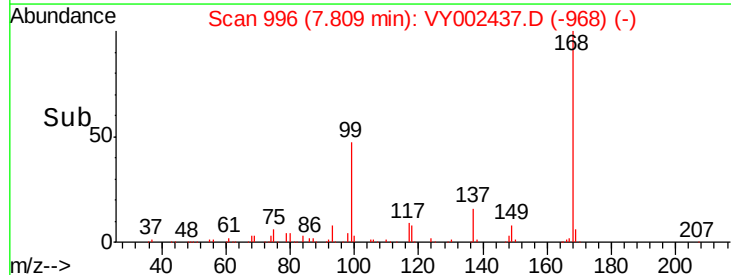
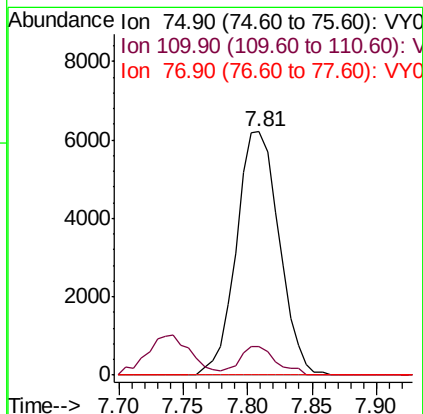
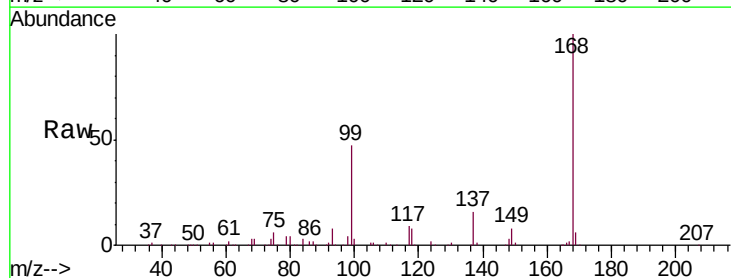
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-S2

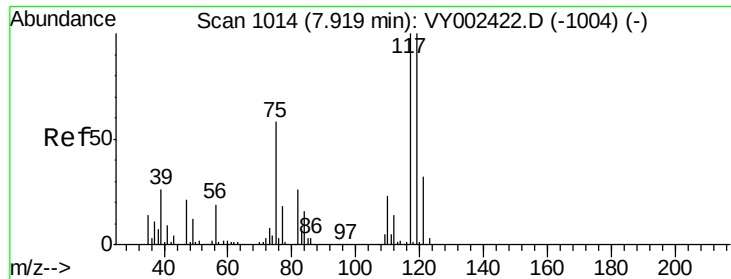
Tgt Ion: 113 Resp: 109829
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.7 122.5
 192 22.7 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 4.645 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002437.D
 Acq: 21 Apr 2020 16:48

Tgt Ion: 75 Resp: 14293
 Ion Ratio Lower Upper
 75 100
 110 10.0 20.4 61.2#
 77 0.0 25.5 38.3#

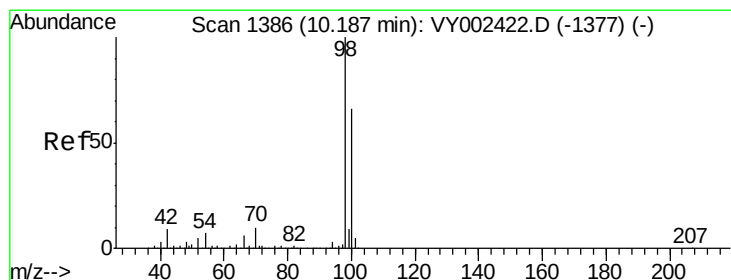
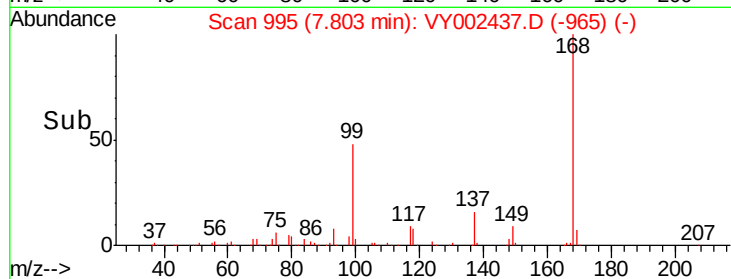
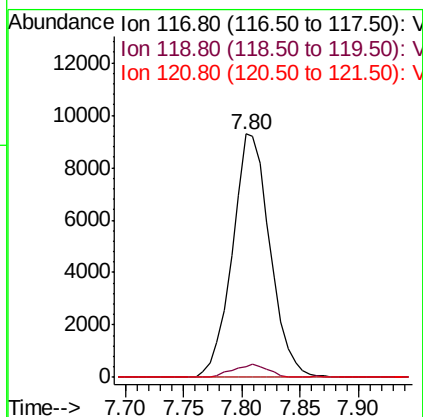
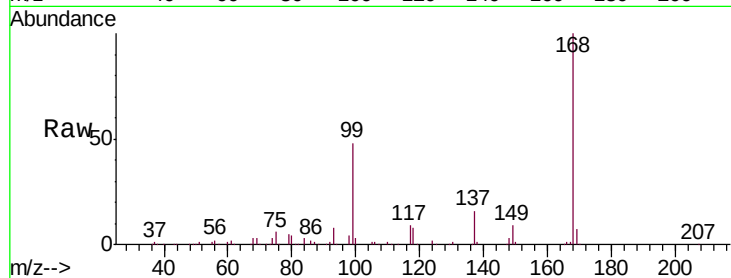




#38
Carbon Tetrachloride
Concen: 6.722 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002437.D
Acq: 21 Apr 2020 16:48

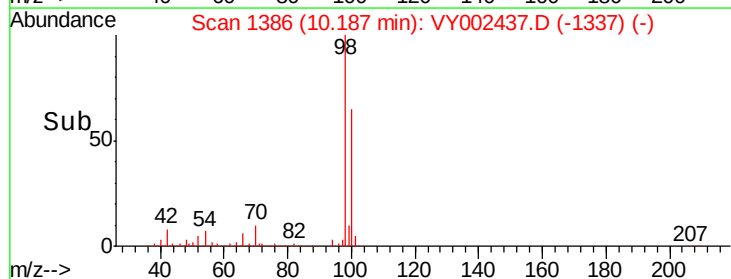
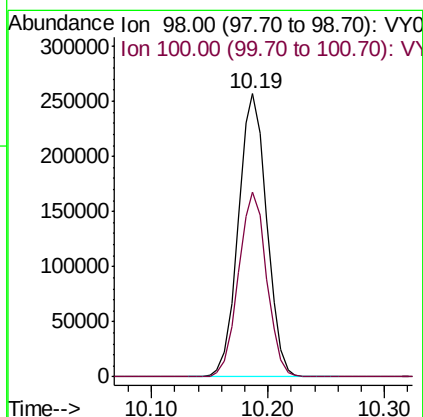
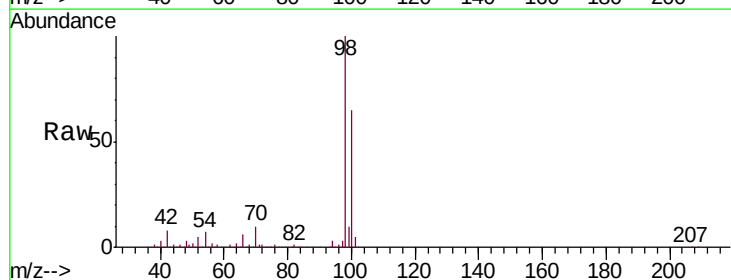
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

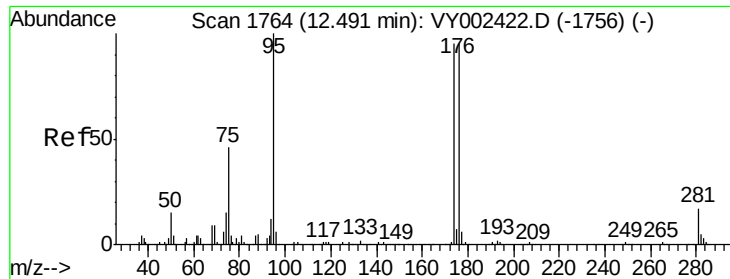
Tgt Ion: 117 Resp: 20832
Ion Ratio Lower Upper
117 100
119 4.6 79.6 119.4#
121 0.0 25.4 38.2#



#50
Toluene-d8
Concen: 53.666 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002437.D
Acq: 21 Apr 2020 16:48

Tgt Ion: 98 Resp: 436579
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4

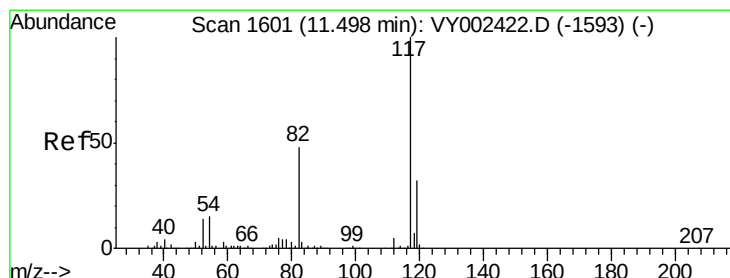
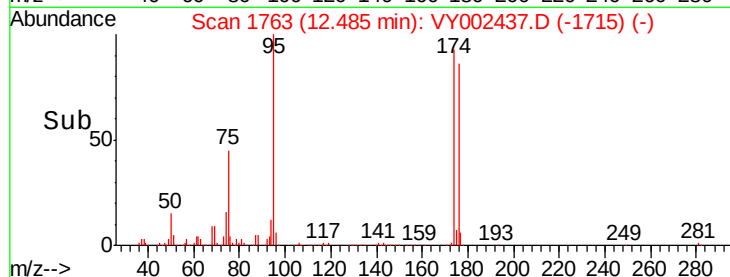
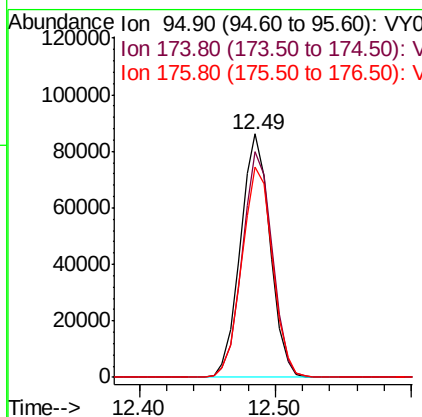
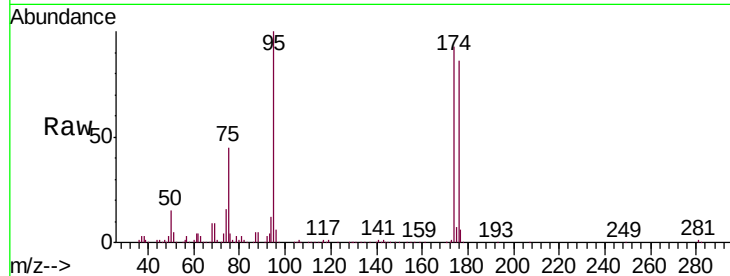




#62
4-Bromofluorobenzene
Concen: 48.830 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002437.D
Acq: 21 Apr 2020 16:48

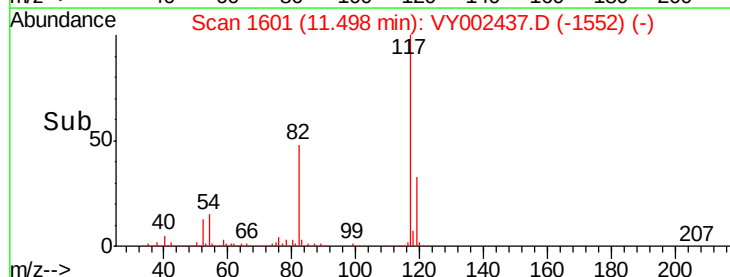
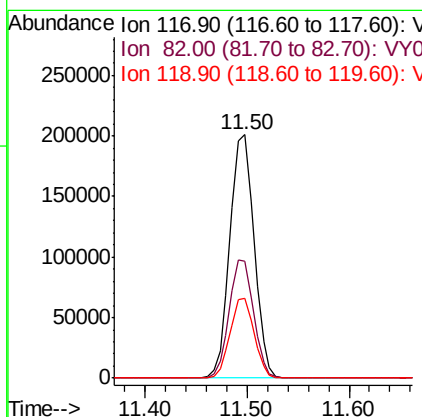
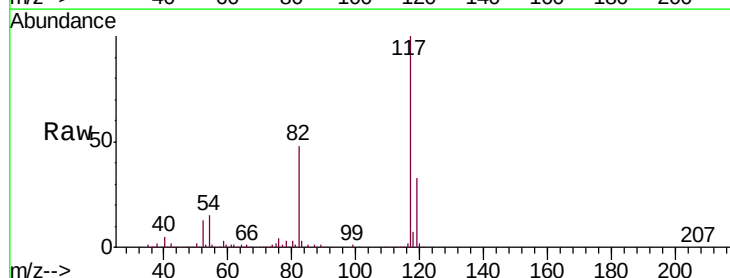
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

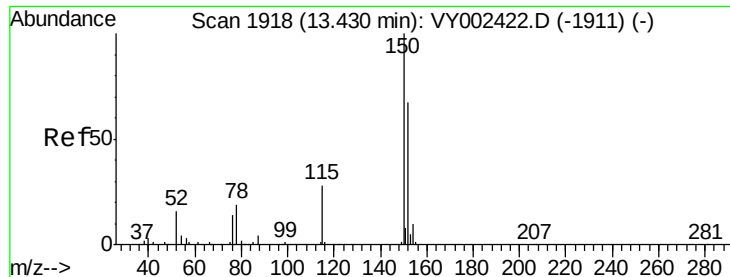
Tgt Ion: 95 Resp: 131152
Ion Ratio Lower Upper
95 100
174 93.9 0.0 185.8
176 89.4 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002437.D
Acq: 21 Apr 2020 16:48

Tgt Ion: 117 Resp: 328711
Ion Ratio Lower Upper
117 100
82 47.9 38.4 57.6
119 32.7 25.3 37.9



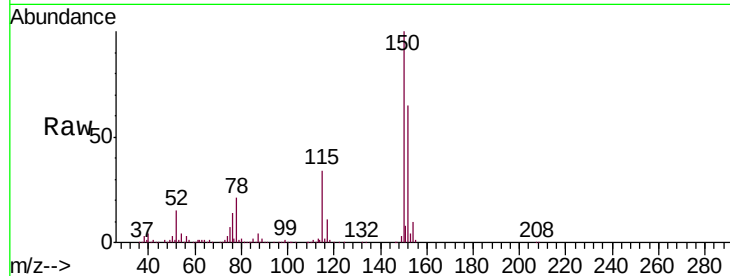


#72

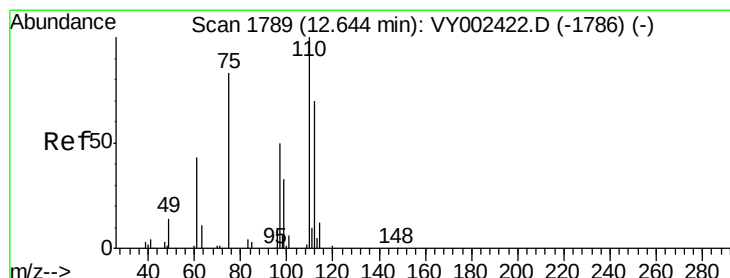
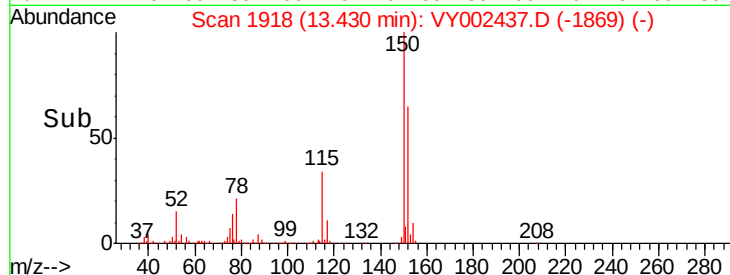
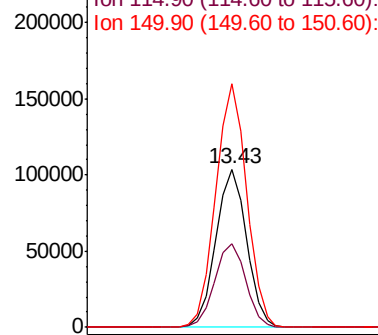
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002437.D
Acq: 21 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

Tgt Ion:152 Resp: 153518
Ion Ratio Lower Upper
152 100
115 53.5 27.3 81.8
150 154.5 0.0 344.0



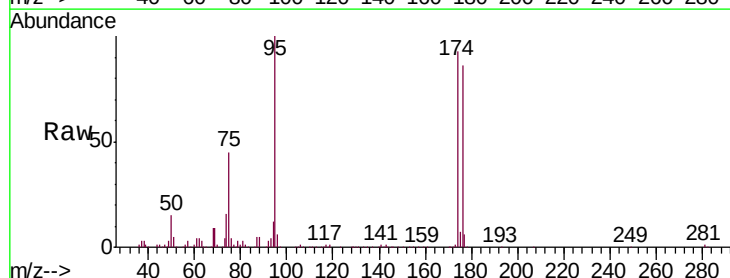
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



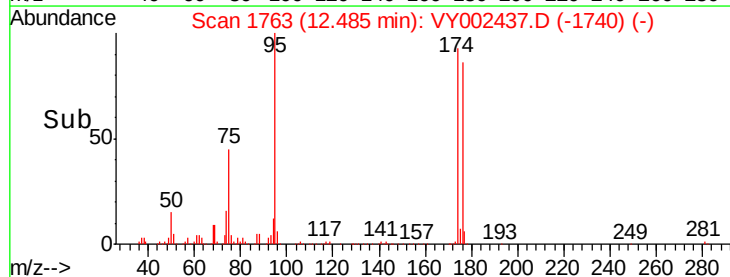
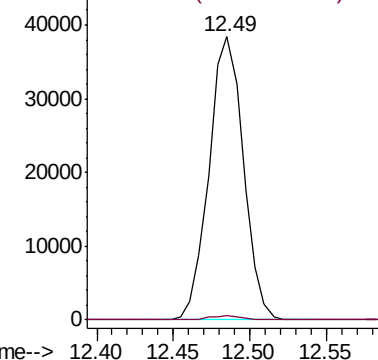
#76

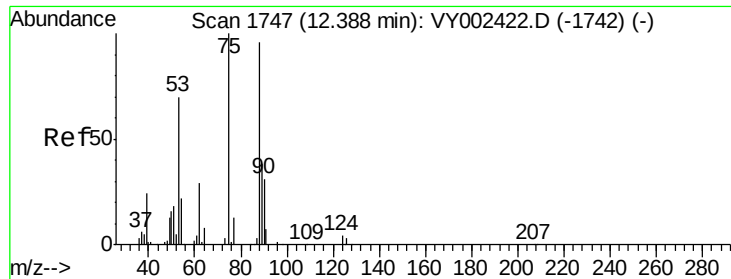
1,2,3-Trichloropropane
Concen: 44.301 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.16 min
Lab File: VY002437.D
Acq: 21 Apr 2020 16:48

Tgt Ion: 75 Resp: 59915
Ion Ratio Lower Upper
75 100
77 1.3 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: 86.338 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002437.D

Acq: 21 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

TP-4-S2

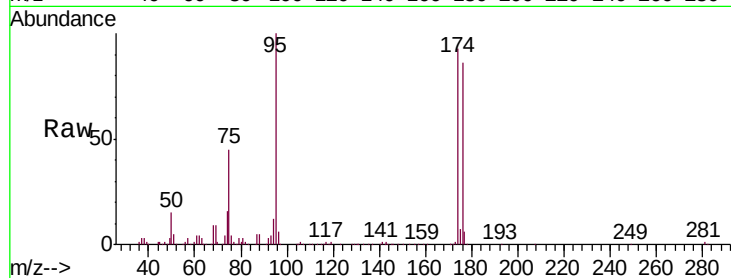
Tgt Ion: 75 Resp: 59915

Ion Ratio Lower Upper

75 100

53 0.0 58.7 88.1#

89 0.0 37.9 56.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

