

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
 Data File : VY000330.D
 Acq On : 16 Oct 2019 15:21
 Operator : SY/MD
 Sample : K5393-27
 Misc : 8.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 01:37:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	278094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	467399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	371409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	127949	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	155035	52.85	ug/l	0.00
Spiked Amount			Recovery	=	105.70%	
35) Dibromofluoromethane	7.74	113	136201	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
50) Toluene-d8	10.19	98	536070	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.48	95	148904	36.14	ug/l	0.00
Spiked Amount			Recovery	=	72.28%	

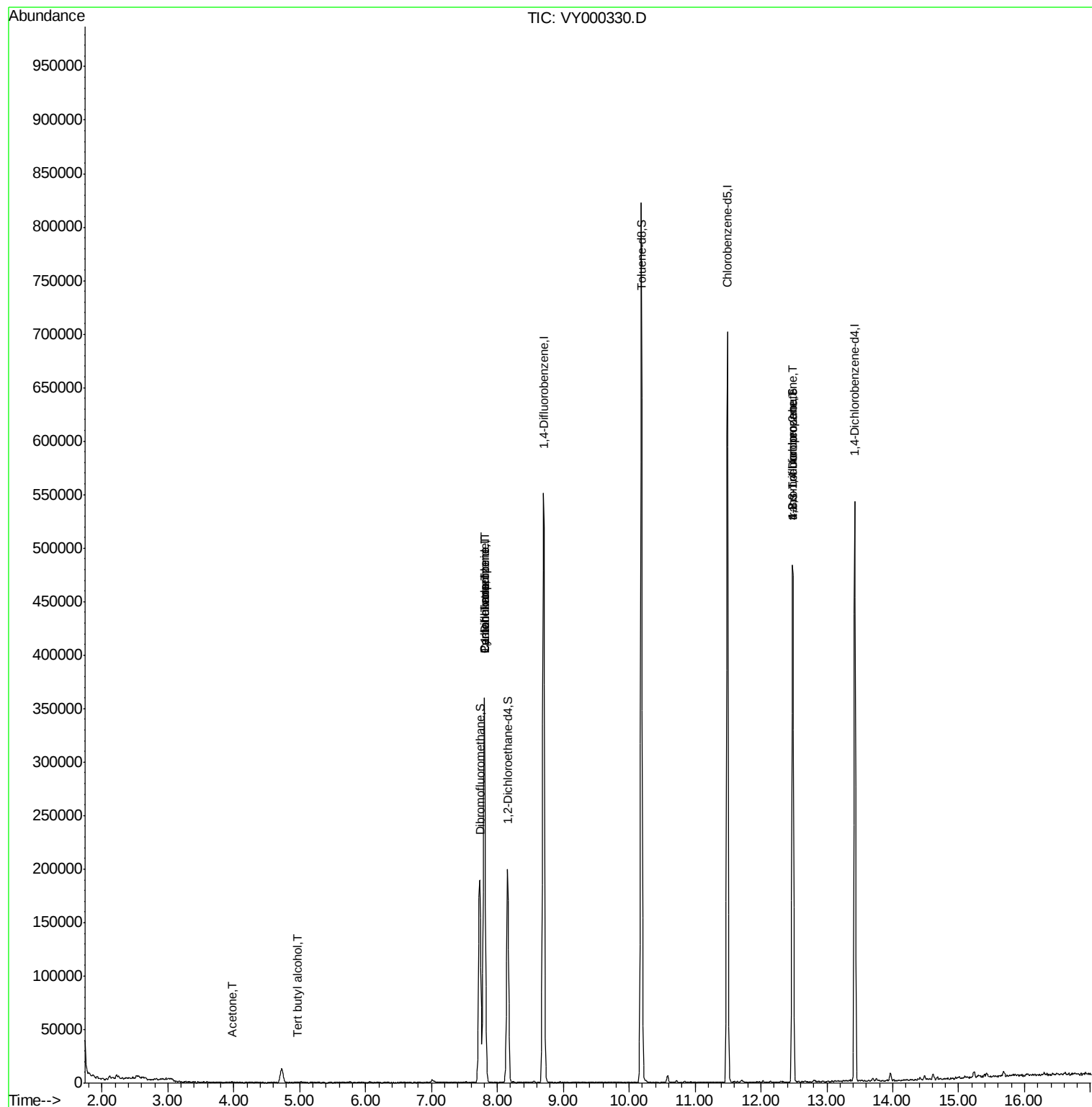
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	61	Below Cal	#	41
11) Tert butyl alcohol	4.96	59	581	1.893	ug/l #	93
16) Acetone	3.97	43	1576	1.659	ug/l #	75
20) Methylene Chloride	4.72	84	10295	Below Cal		94
31) Cyclohexane	7.80	56	6128	1.092	ug/l #	11
36) 1,1-Dichloropropene	7.81	75	21466	4.691	ug/l #	49
38) Carbon Tetrachloride	7.80	117	26201	5.913	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	80051	50.880	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	80051	111.323	ug/l #	14

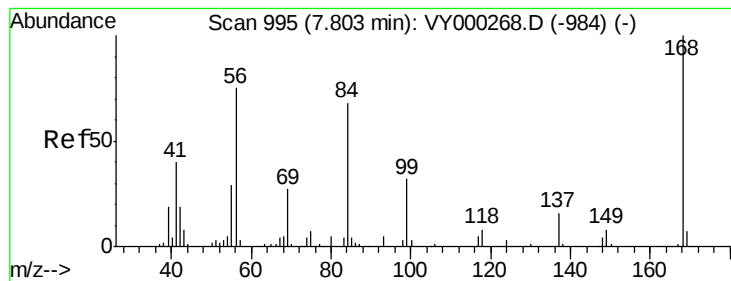
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

Quant Time: Oct 17 01:37:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000330.D

Acq: 16 Oct 2019 15:21

Instrument :

MSVOA_Y

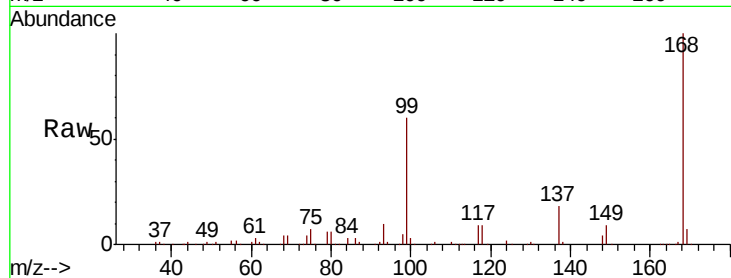
ClientSampleId :

Tot Ion:168 Resp: 278094

Ion Ratio Lower Upper

168 100

99 59.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000330.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000330.D (-946) (-)

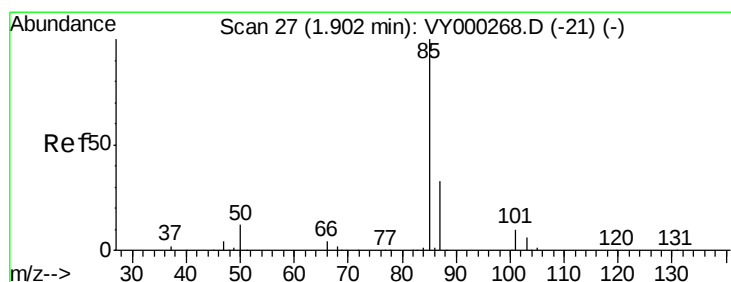
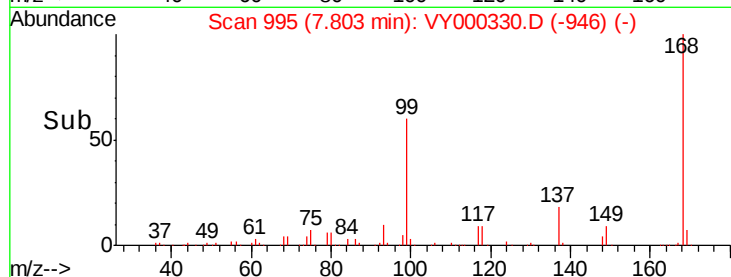
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY000330.D

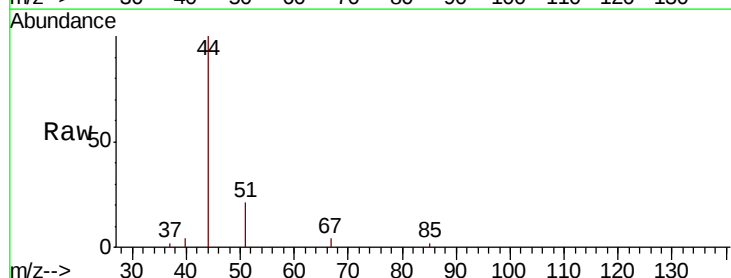
Acq: 16 Oct 2019 15:21

Tgt Ion: 85 Resp: 61

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000330.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000330.D (-1) (-)

1.91

100

80

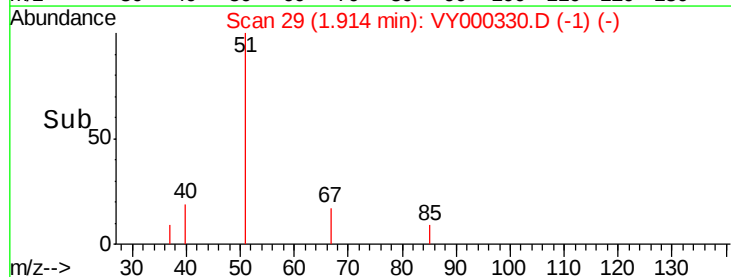
60

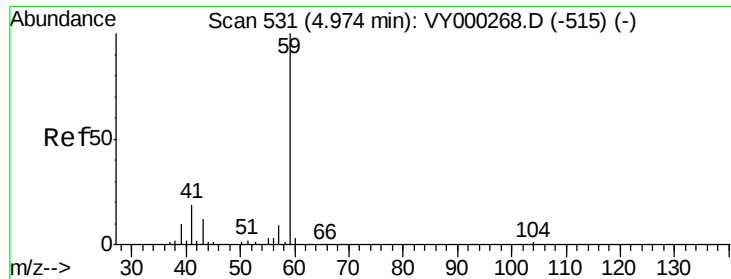
40

20

0

Time-->



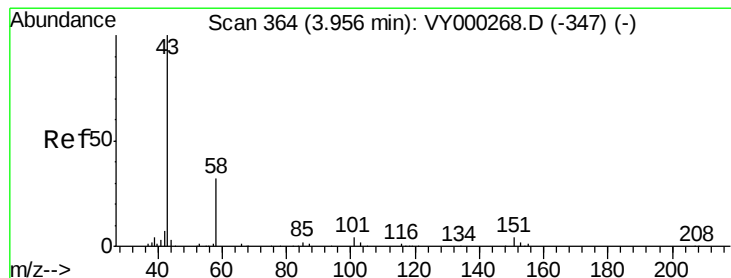
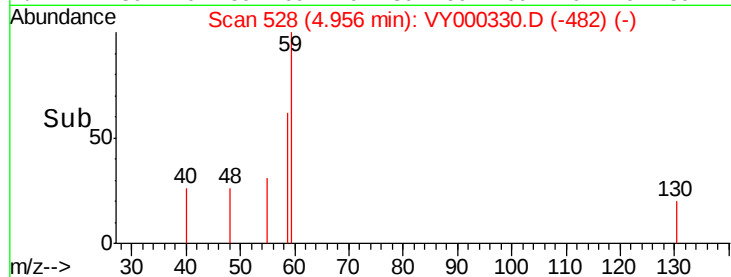
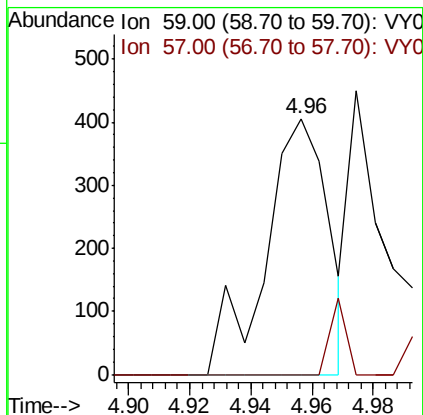
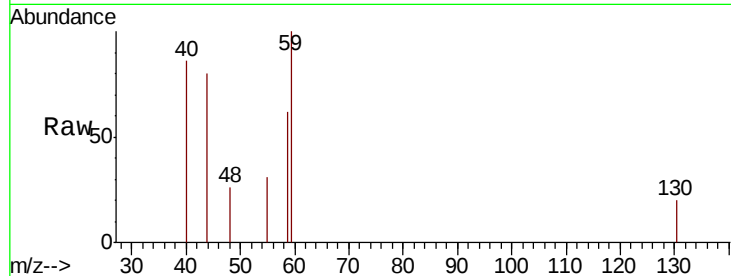


#11

Tert butyl alcohol
 Concen: 1.893 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VY000330.D
 Acq: 16 Oct 2019 15:21

Instrument :
 MSVOA_Y
 ClientSampled :

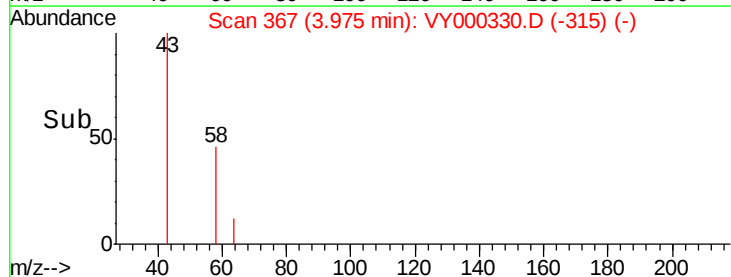
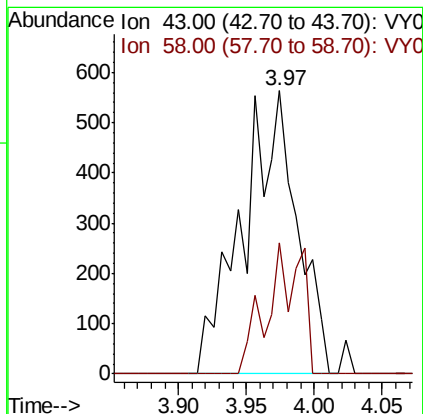
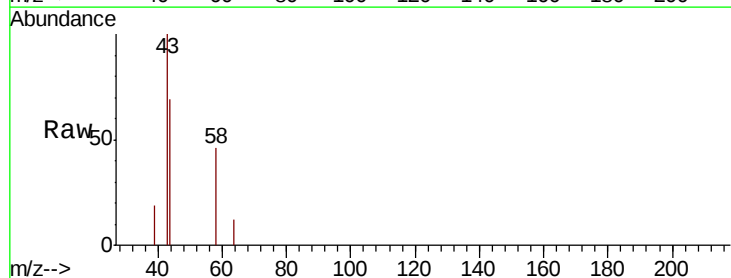
Tot Ion: 59 Resp: 581
 Ion Ratio Lower Upper
 59 100
 57 7.6 8.2 12.2#

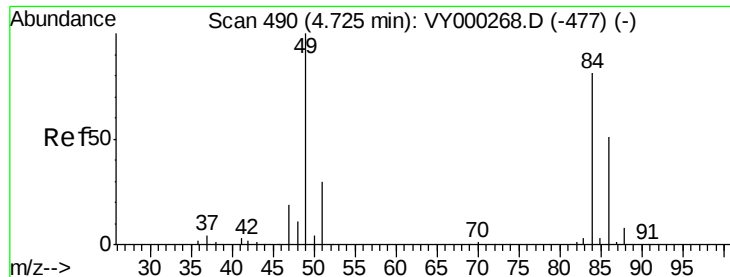


#16

Acetone
 Concen: 1.659 ug/l
 RT: 3.97 min Scan# 367
 Delta R.T. 0.02 min
 Lab File: VY000330.D
 Acq: 16 Oct 2019 15:21

Tgt Ion: 43 Resp: 1576
 Ion Ratio Lower Upper
 43 100
 58 46.4 25.8 38.6#





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY000330.D

Acq: 16 Oct 2019 15:21

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 84 Resp: 10295

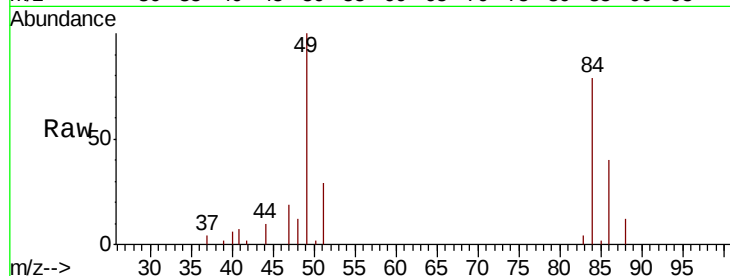
Ion Ratio Lower Upper

84 100

49 126.1 99.0 148.4

51 36.3 29.3 43.9

86 50.3 50.2 75.4

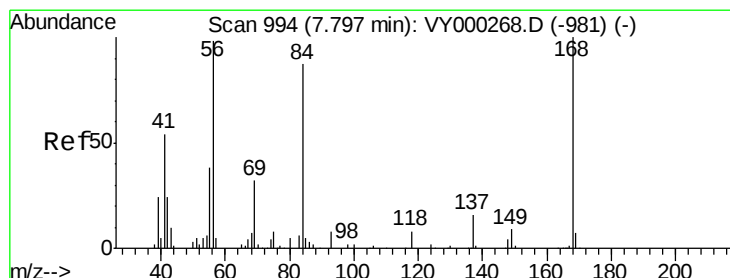
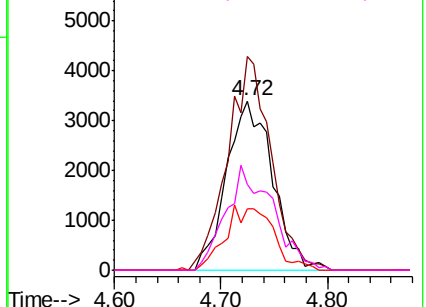
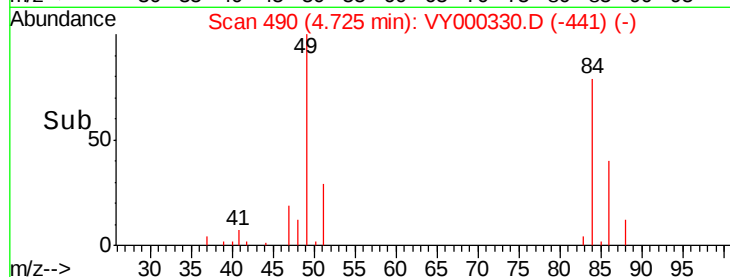


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#31

Cyclohexane

Concen: 1.092 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY000330.D

Acq: 16 Oct 2019 15:21

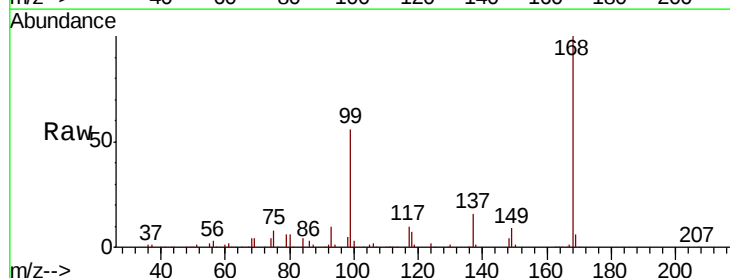
Tgt Ion: 56 Resp: 6128

Ion Ratio Lower Upper

56 100

69 145.6 26.3 39.5#

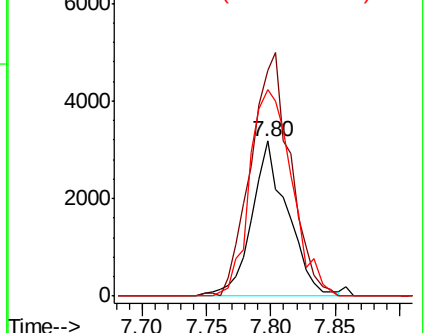
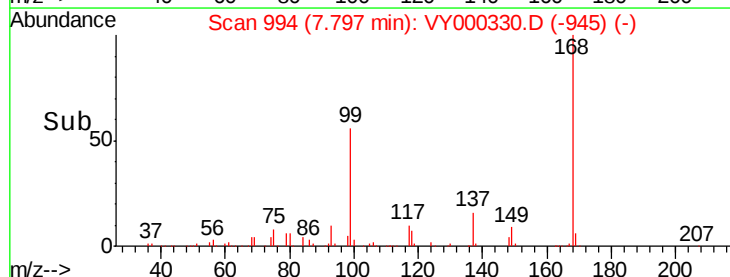
84 133.0 70.8 106.2#

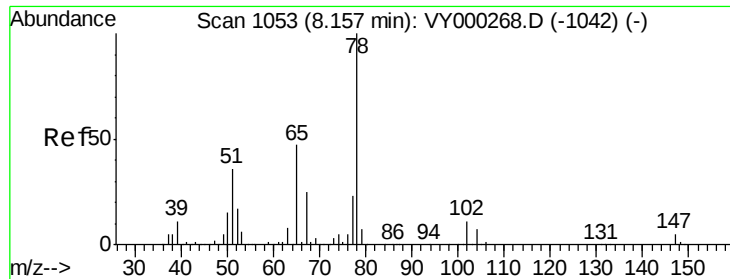


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

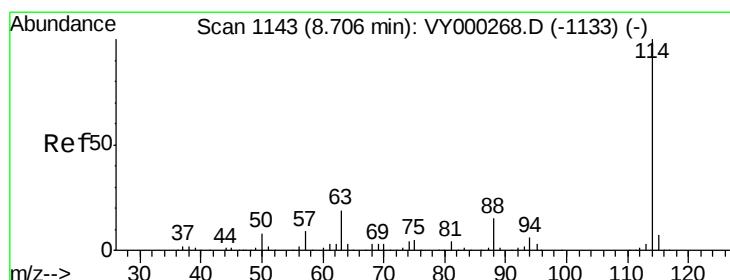
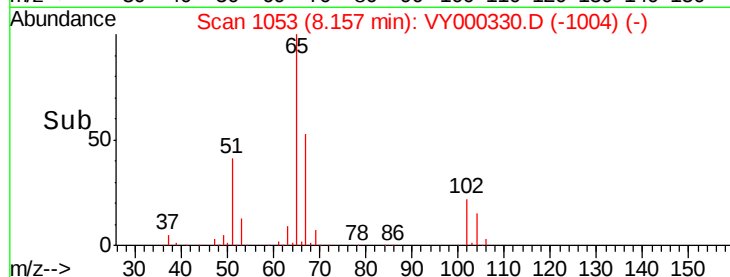
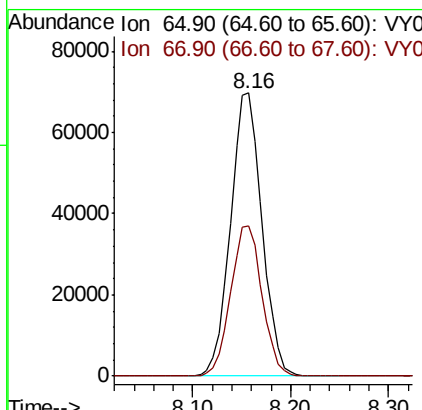
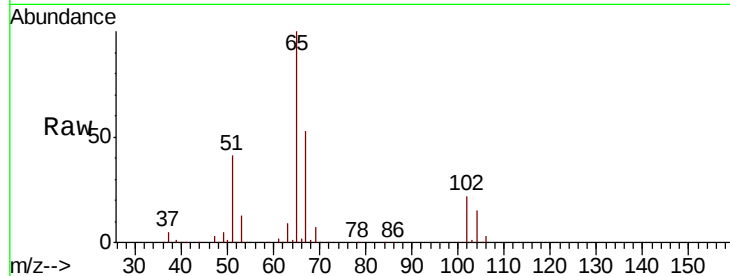




#33
 1,2-Dichloroethane-d4
 Concen: 52.851 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY000330.D
 Acq: 16 Oct 2019 15:21

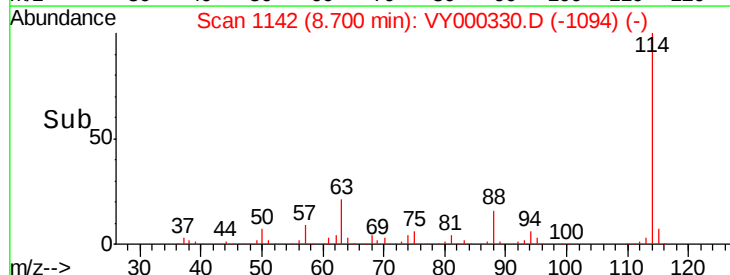
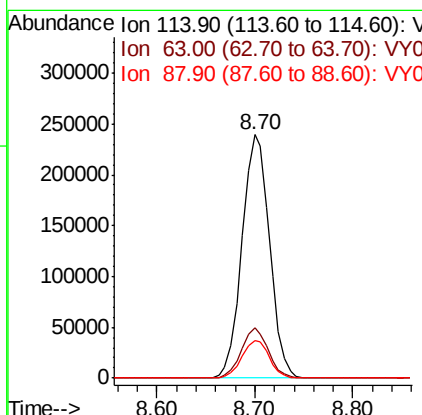
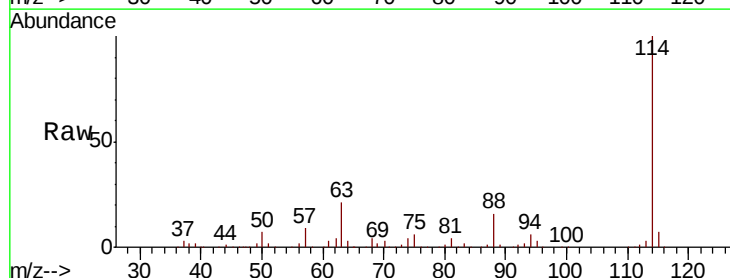
Instrument :
 MSVOA_Y
 ClientSampleId :

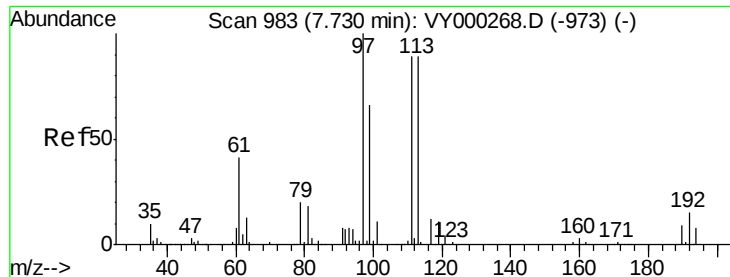
Tot Ion: 65 Resp: 155035
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000330.D
 Acq: 16 Oct 2019 15:21

Tgt Ion: 114 Resp: 467399
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 37.2
 88 15.5 0.0 30.2

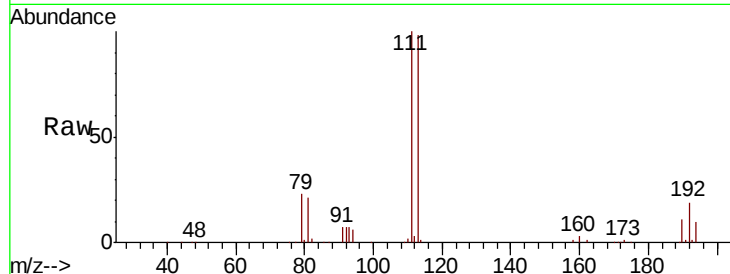




#35
 Dibromofluoromethane
 Concen: 48.309 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000330.D
 Acq: 16 Oct 2019 15:21

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.6	122.4
192	19.3	15.3	22.9

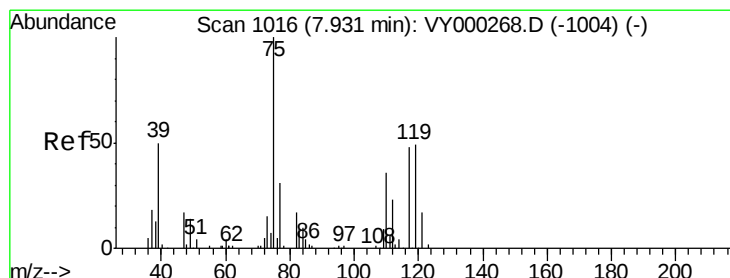
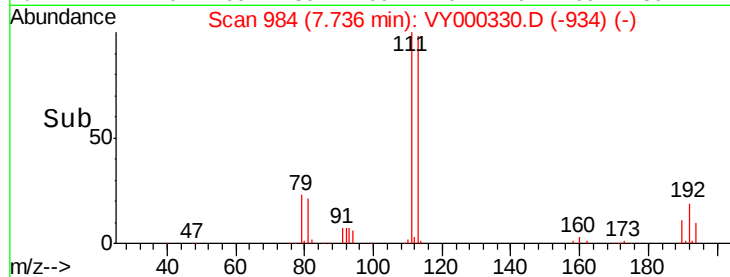
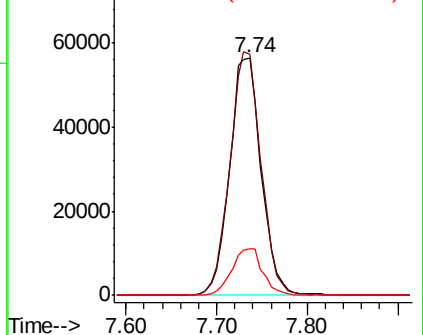


Abundance

Ion 112.80 (112.50 to 113.50): V

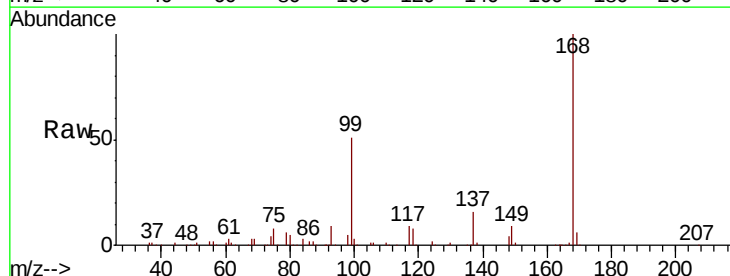
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.691 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY000330.D
 Acq: 16 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.4	55.4#
77	0.0	25.0	37.6#

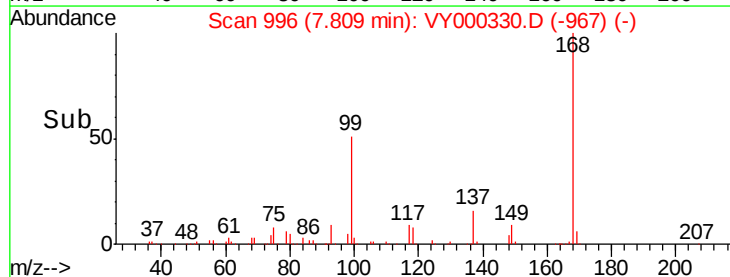
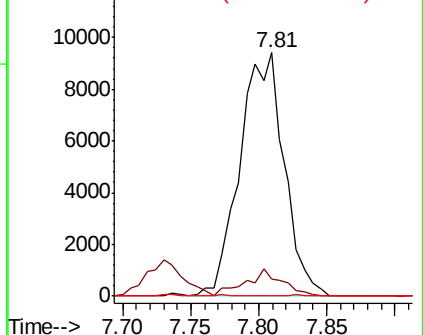


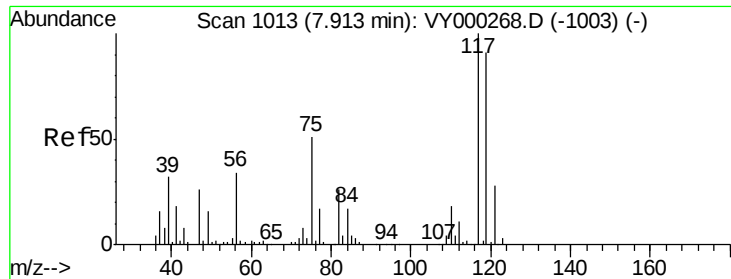
Abundance

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

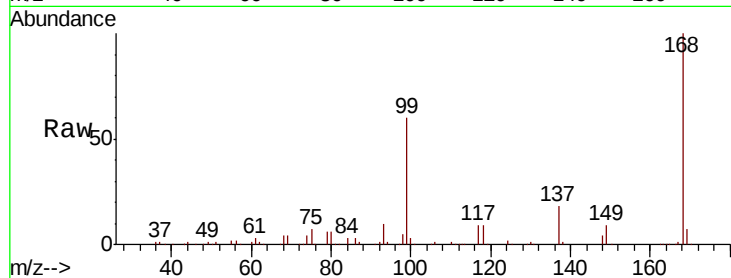




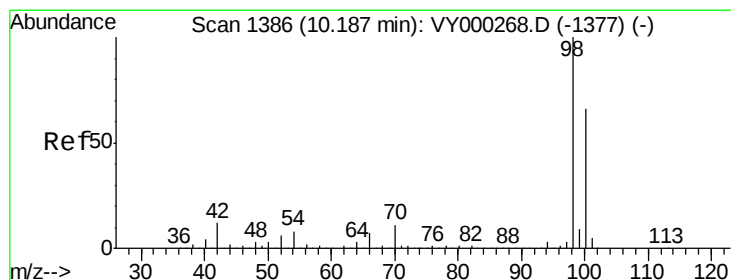
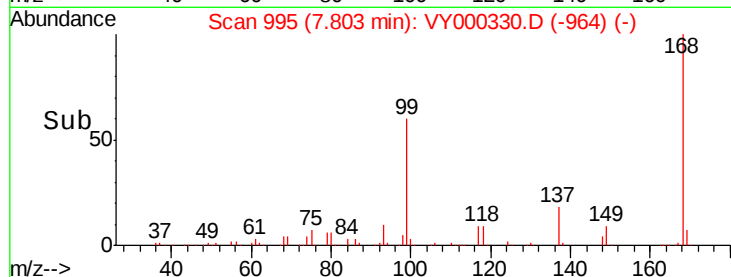
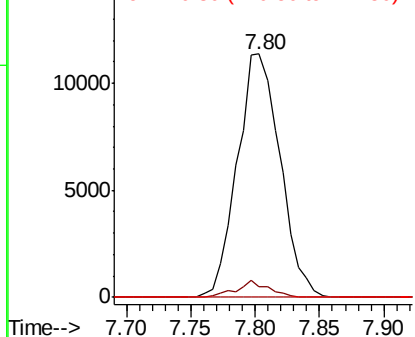
#38
Carbon Tetrachloride
Concen: 5.913 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000330.D
Acq: 16 Oct 2019 15:21

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 26201
Ion Ratio Lower Upper
117 100
119 4.4 72.8 109.2#
121 0.0 22.2 33.2#

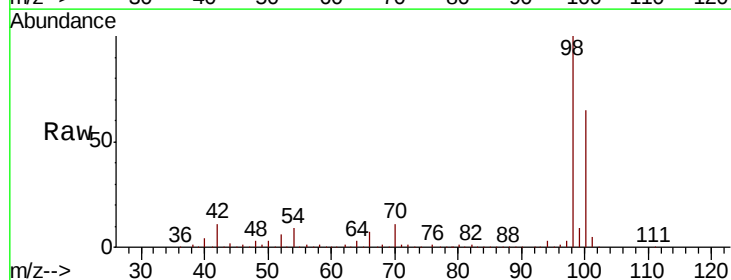


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

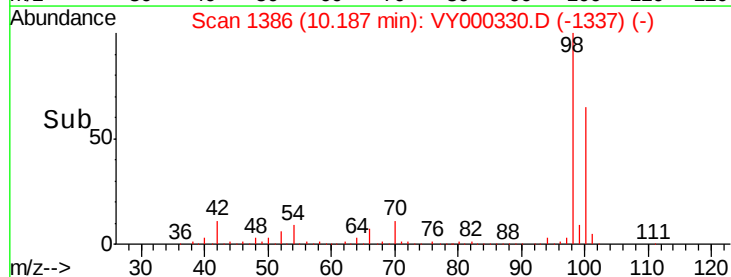
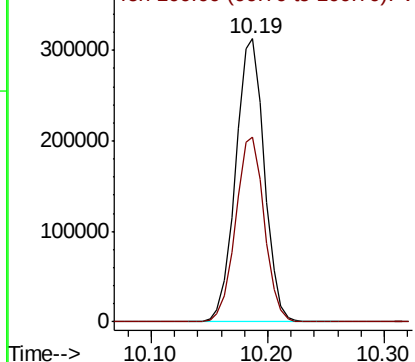


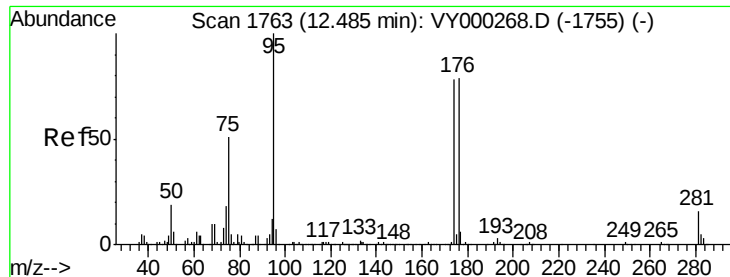
#50
Toluene-d8
Concen: 49.428 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000330.D
Acq: 16 Oct 2019 15:21

Tgt Ion: 98 Resp: 536070
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

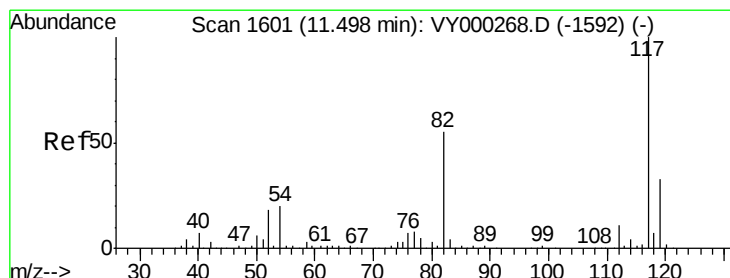
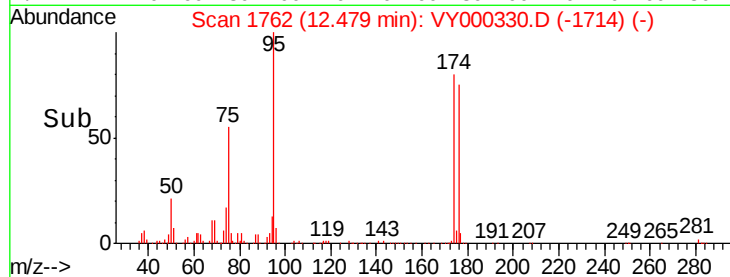
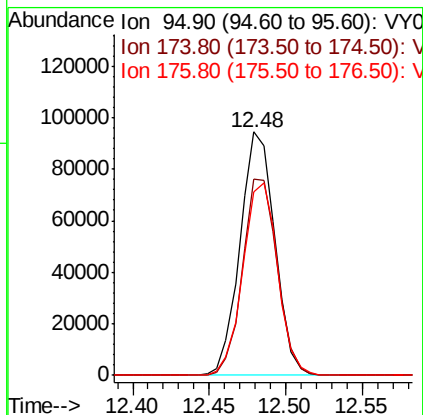
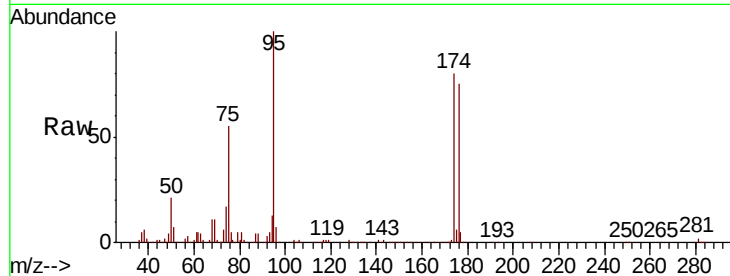




#62
4-Bromofluorobenzene
Concen: 36.139 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000330.D
Acq: 16 Oct 2019 15:21

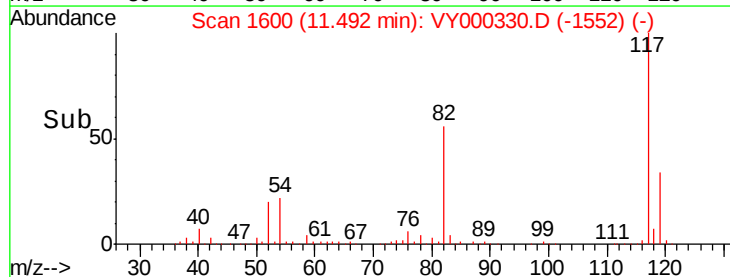
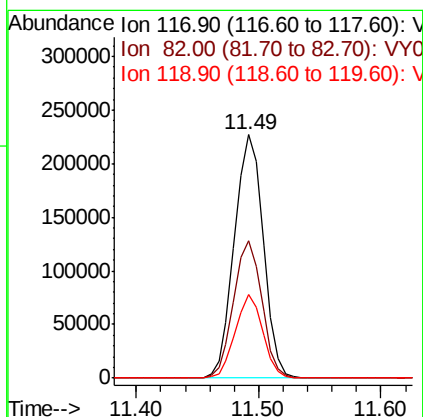
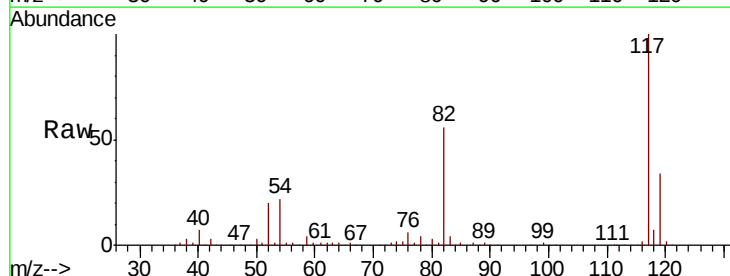
Instrument :
MSVOA_Y
ClientSampleId :

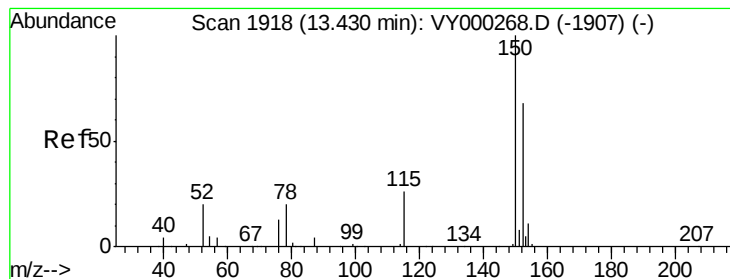
Tot Ion: 95 Resp: 148904
Ion Ratio Lower Upper
95 100
174 80.4 0.0 159.6
176 79.2 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000330.D
Acq: 16 Oct 2019 15:21

Tgt Ion: 117 Resp: 371409
Ion Ratio Lower Upper
117 100
82 56.4 43.7 65.5
119 34.4 26.6 39.8



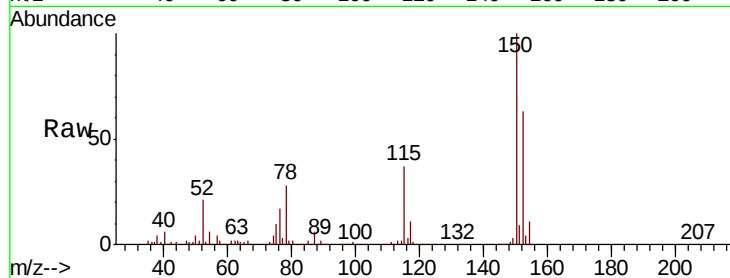


#72

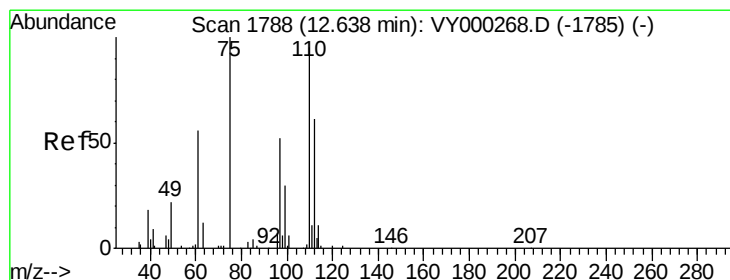
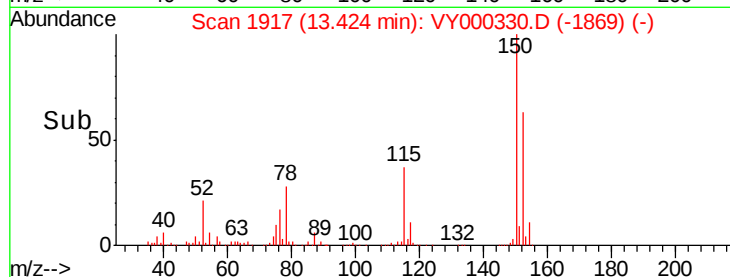
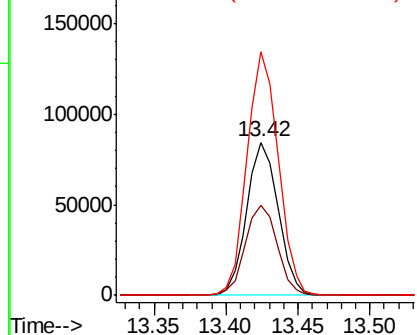
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000330.D
Acq: 16 Oct 2019 15:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.3	88.0
150	157.8	0.0	348.4



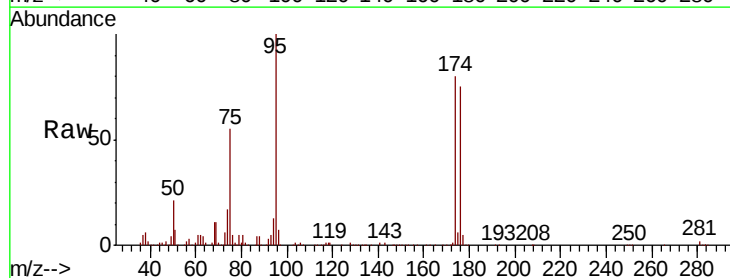
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



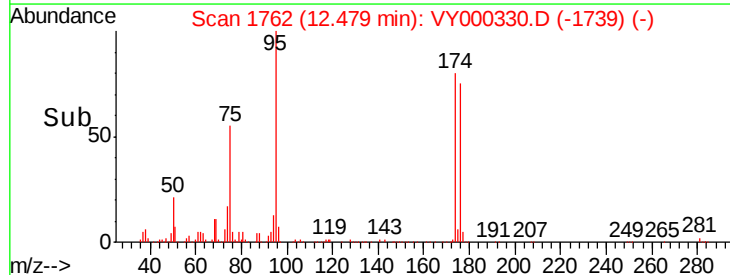
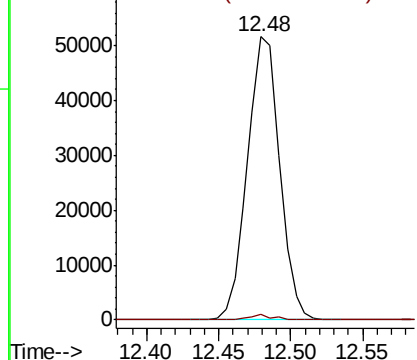
#76

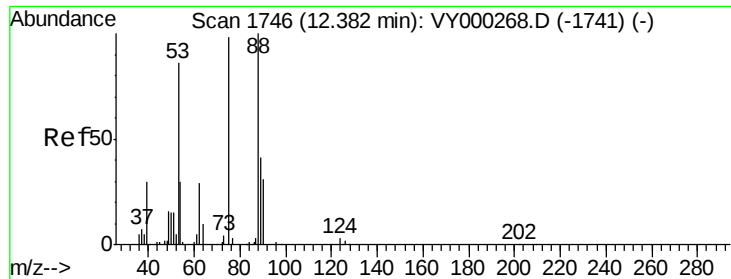
1,2,3-Trichloropropane
Concen: 50.880 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000330.D
Acq: 16 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	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: 111.323 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000330.D
 Acq: 16 Oct 2019 15:21

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 80051
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.2 35.1 52.7#

