

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000443.D
 Acq On : 25 Oct 2019 20:43
 Operator : SY/MD
 Sample : K5540-14
 Misc : 3.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 01:47:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

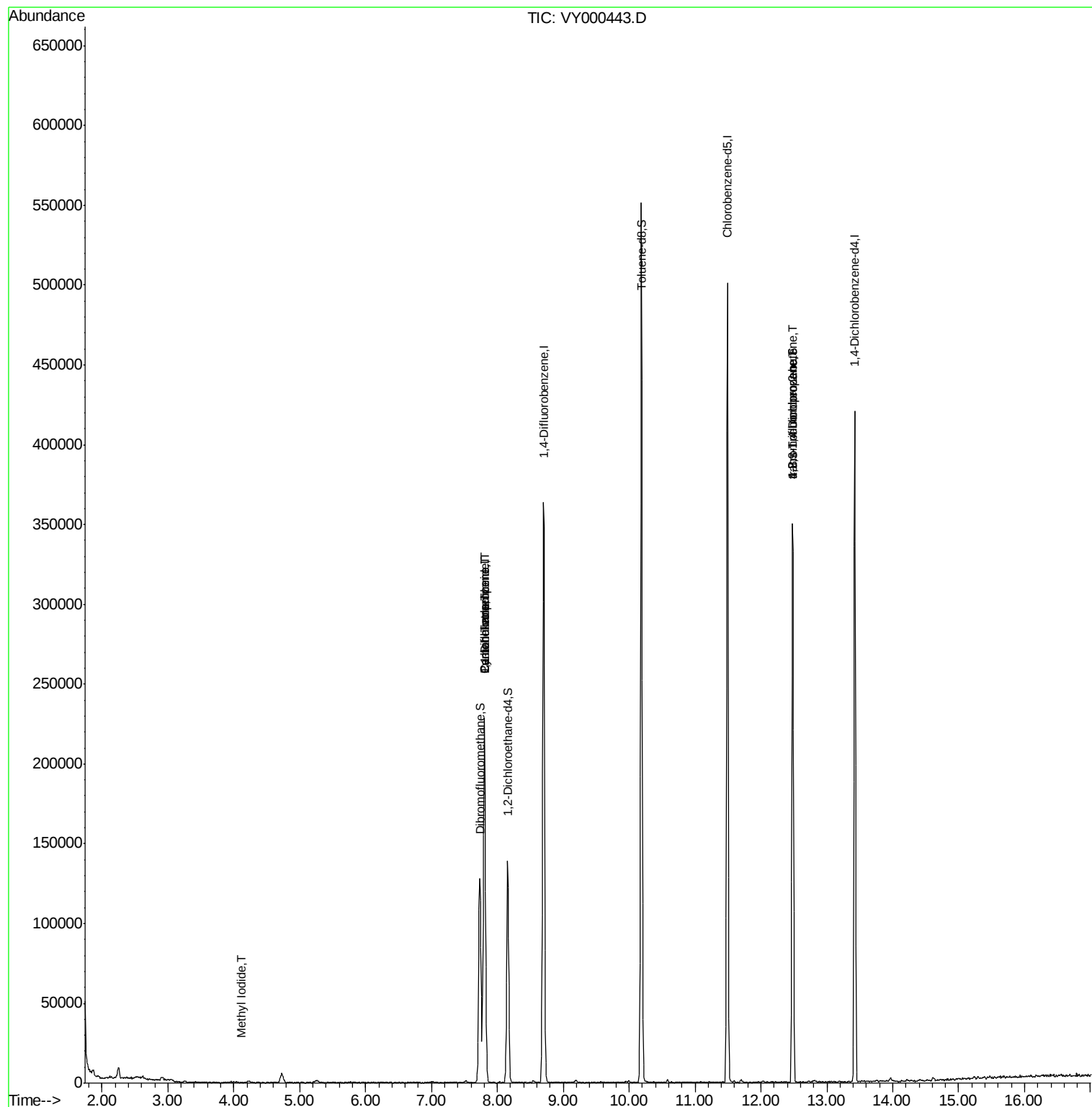
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	180331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	308321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	262154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	98516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	101984	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
35) Dibromofluoromethane	7.73	113	89079	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
50) Toluene-d8	10.19	98	349307	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.48	95	104235	38.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	28	Below Cal	#	41
10) Methyl Iodide	4.12	142	60	1.208	ug/l #	41
20) Methylene Chloride	4.72	84	2421	Below Cal	#	71
31) Cyclohexane	7.81	56	4181	1.149	ug/l #	52
36) 1,1-Dichloropropene	7.80	75	13387	4.435	ug/l #	47
38) Carbon Tetrachloride	7.80	117	18055	6.177	ug/l #	19
76) 1,2,3-Trichloropropane	12.48	75	55259	45.615	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	55259	99.805	ug/l #	14

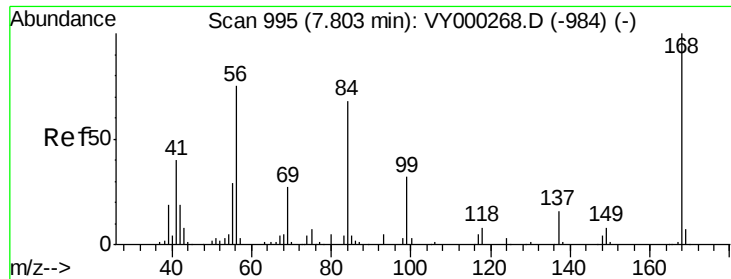
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

Quant Time: Oct 26 01:47:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 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: VY000443.D

Acq: 25 Oct 2019 20:43

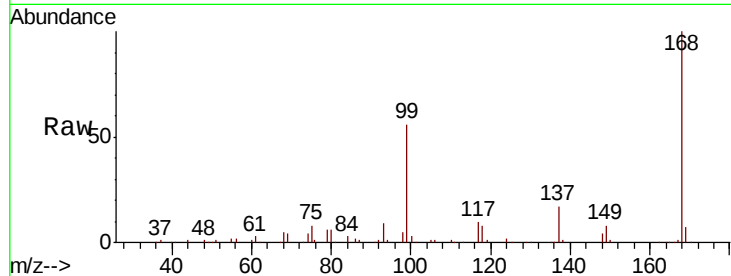
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 180331

Ion Ratio Lower Upper

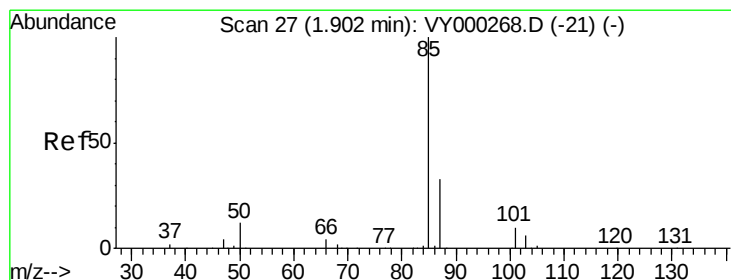
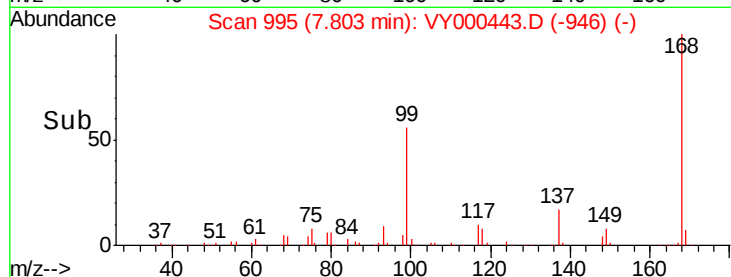
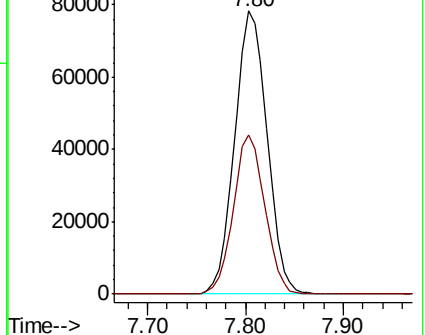
168 100

99 56.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000443.D

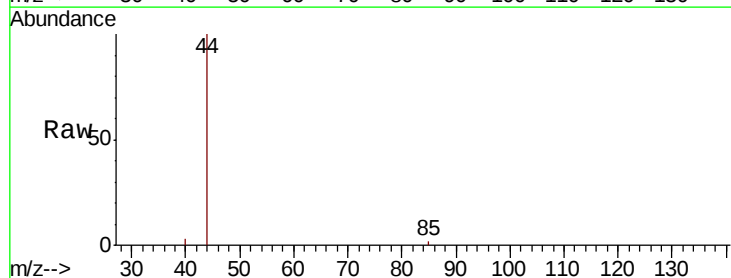
Acq: 25 Oct 2019 20:43

Tgt Ion: 85 Resp: 28

Ion Ratio Lower Upper

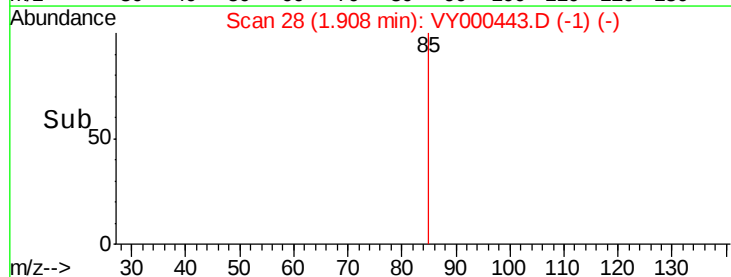
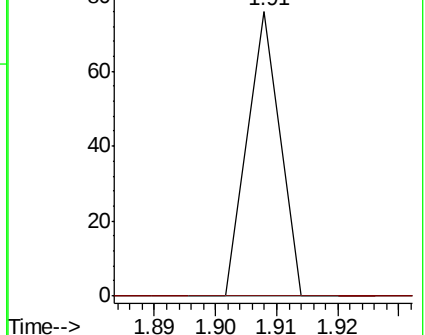
85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

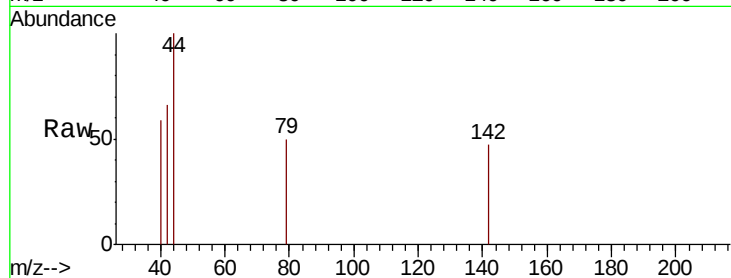




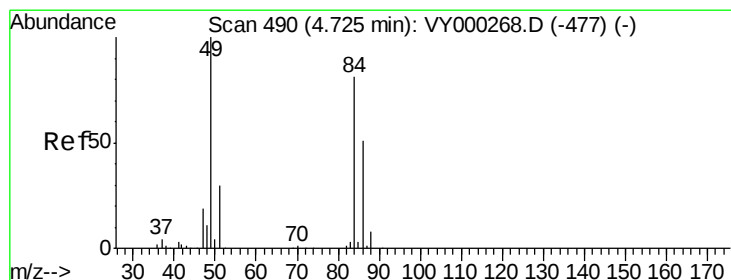
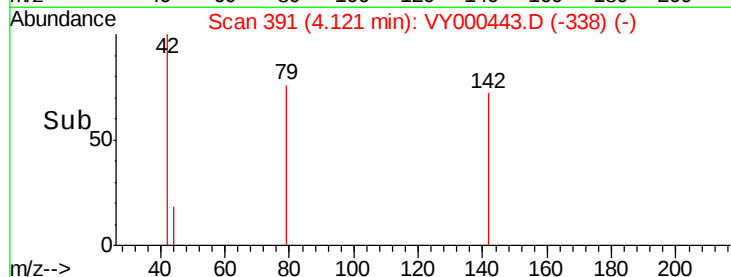
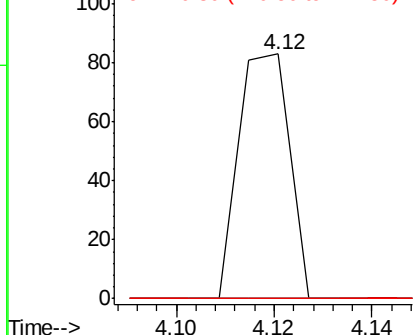
#10
Methyl Iodide
Concen: 1.208 ug/l
RT: 4.12 min Scan# 391
Delta R.T. 0.02 min
Lab File: VY000443.D
Acq: 25 Oct 2019 20:43

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#

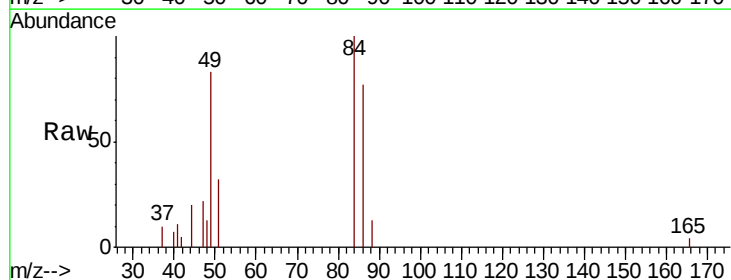


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

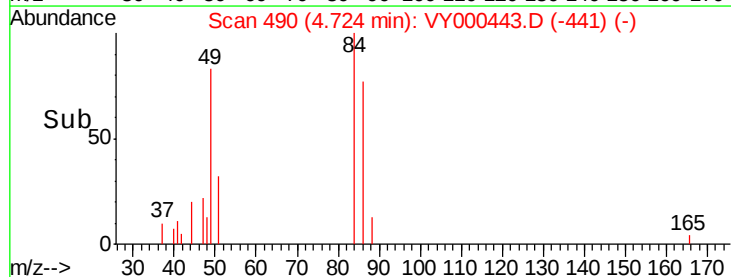
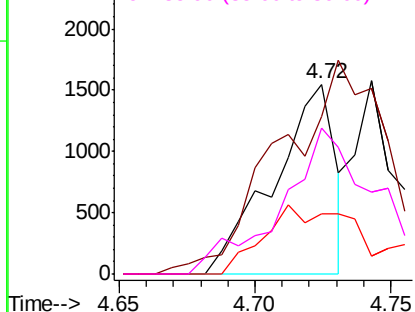


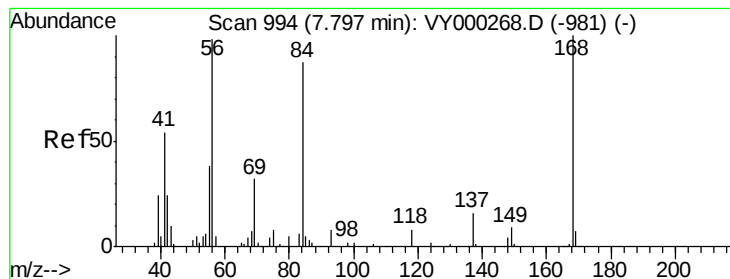
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000443.D
Acq: 25 Oct 2019 20:43

Tgt Ion: 84 Resp: 2421
Ion Ratio Lower Upper
84 100
49 77.8 99.0 148.4#
51 31.9 29.3 43.9
86 76.5 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: 1.149 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY000443.D

Acq: 25 Oct 2019 20:43

Instrument :

MSVOA_Y

ClientSampleId :

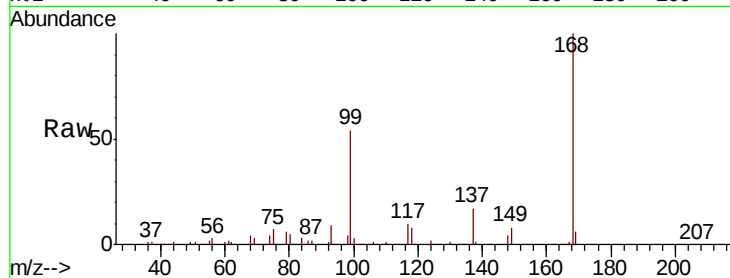
Tot Ion: 56 Resp: 4181

Ion Ratio Lower Upper

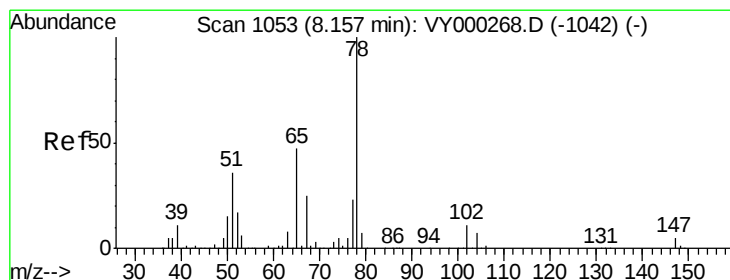
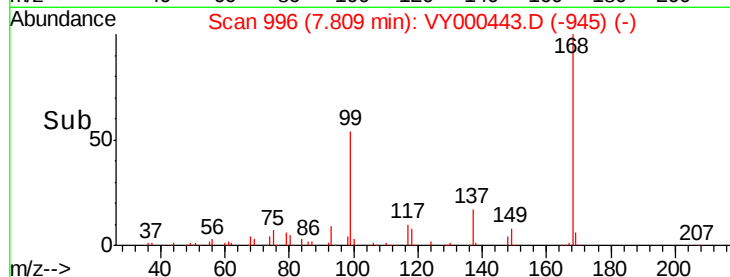
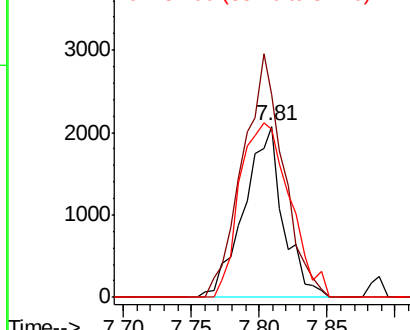
56 100

69 118.6 26.3 39.5#

84 97.9 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: 53.613 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000443.D

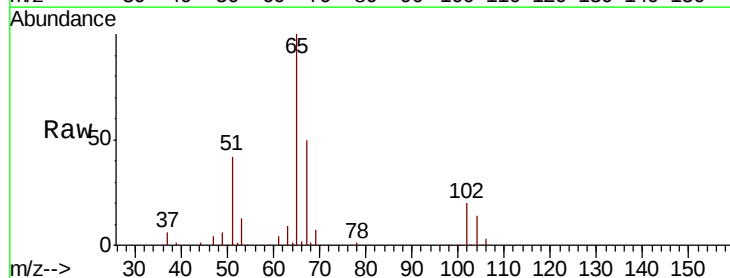
Acq: 25 Oct 2019 20:43

Tgt Ion: 65 Resp: 101984

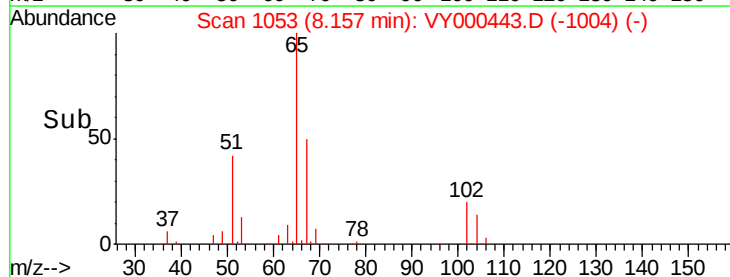
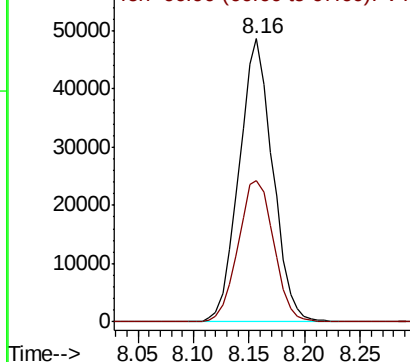
Ion Ratio Lower Upper

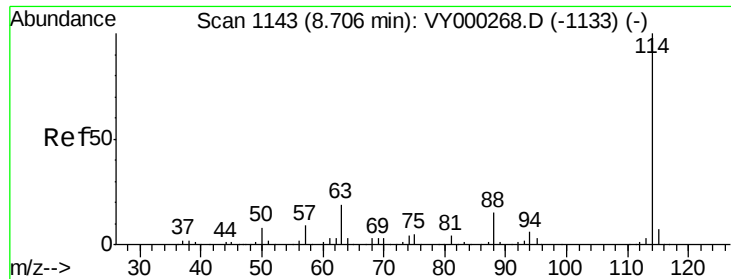
65 100

67 53.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

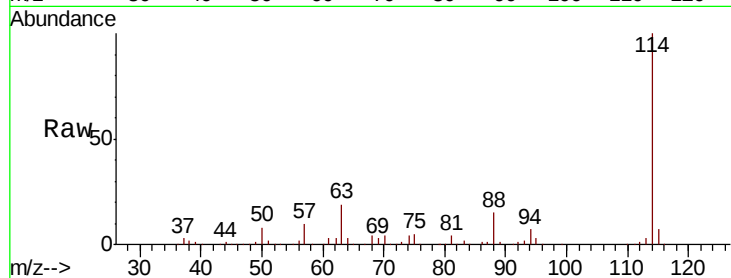




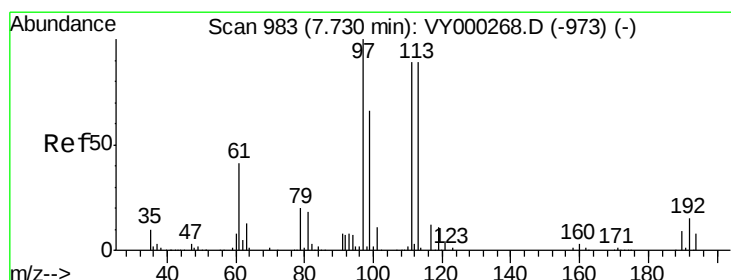
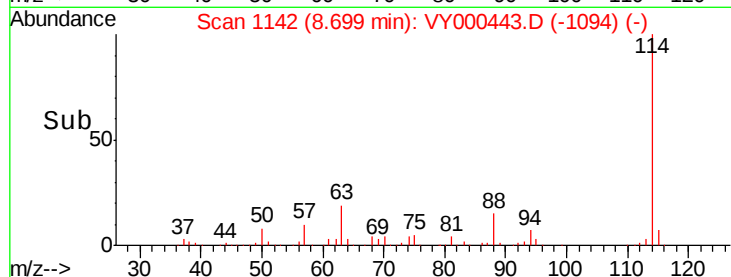
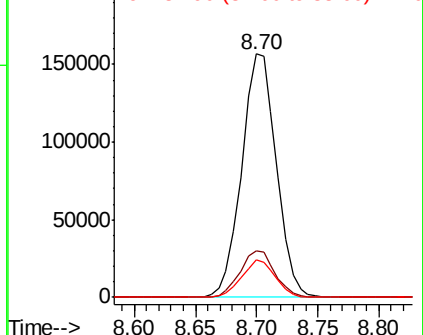
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000443.D
 Acq: 25 Oct 2019 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 308321
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.2
 88 15.4 0.0 30.2

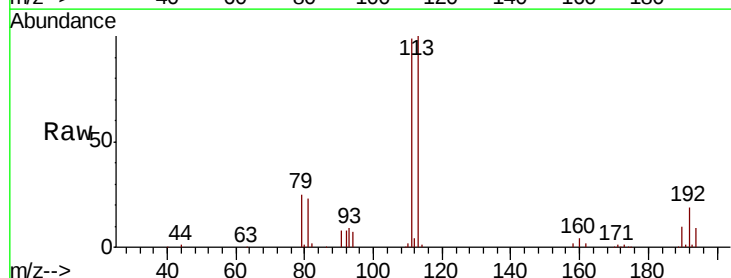


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

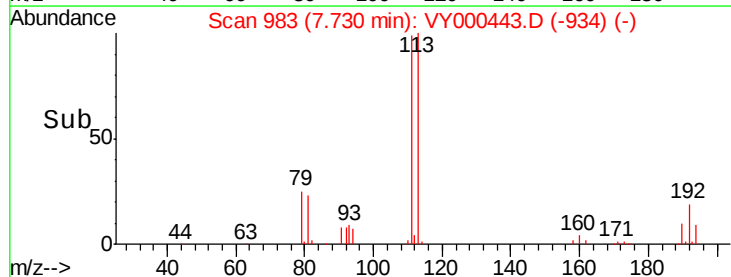
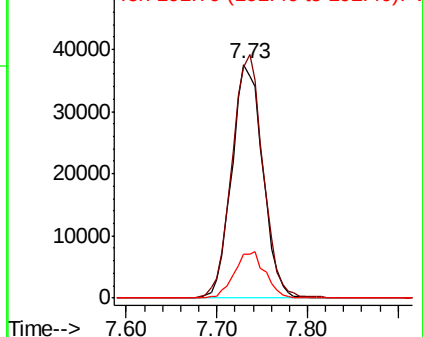


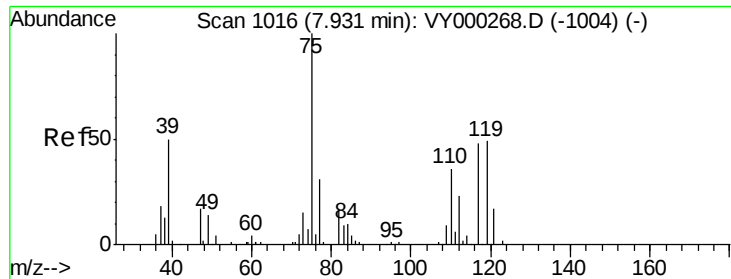
#35
 Dibromofluoromethane
 Concen: 47.897 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000443.D
 Acq: 25 Oct 2019 20:43

Tgt Ion:113 Resp: 89079
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.6 122.4
 192 19.7 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

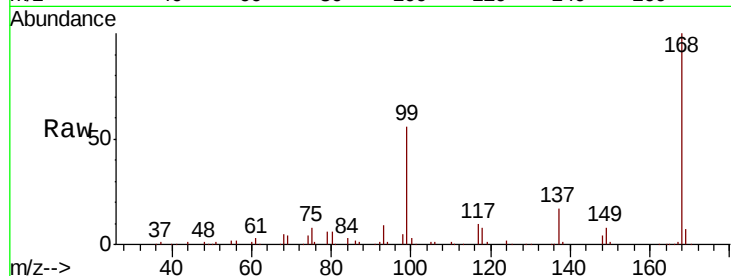




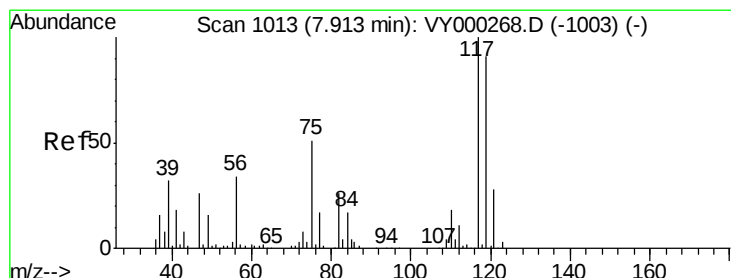
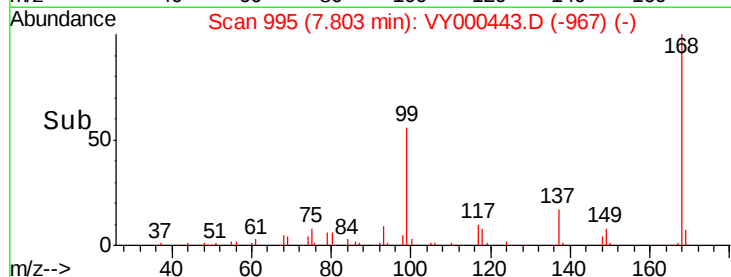
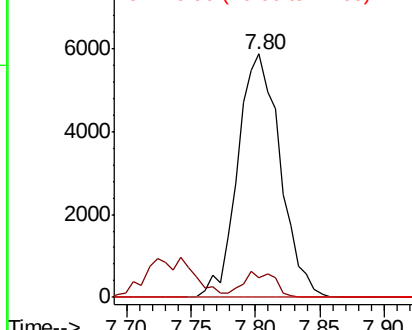
#36
 1,1-Dichloropropene
 Concen: 4.435 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000443.D
 Acq: 25 Oct 2019 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	75	Resp	13387
Ion Ratio	Lower	Upper	
75	100		
110	7.7	18.4	55.4#
77	0.0	25.0	37.6#

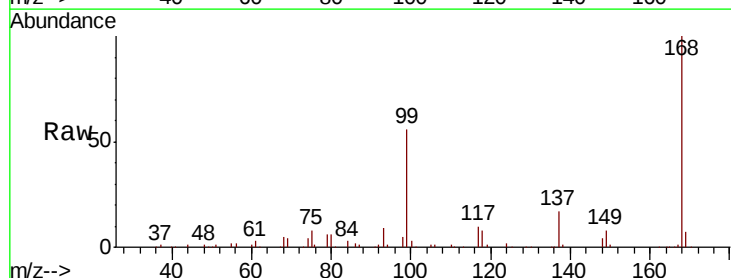


Abundance Ion 74.90 (74.60 to 75.60): VY000443.D (-967) (-)

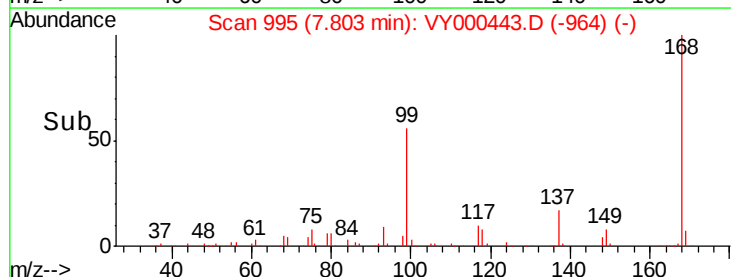
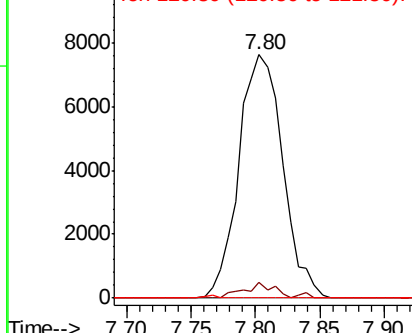


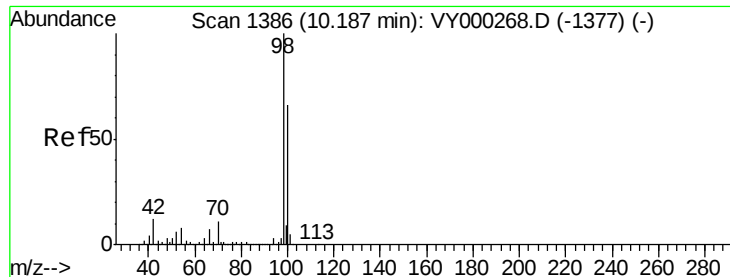
#38
 Carbon Tetrachloride
 Concen: 6.177 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000443.D
 Acq: 25 Oct 2019 20:43

Tgt Ion	117	Resp	18055
Ion Ratio	Lower	Upper	
117	100		
119	6.5	72.8	109.2#
121	0.0	22.2	33.2#



Abundance Ion 116.80 (116.50 to 117.50): VY000443.D (-964) (-)





#50

Toluene-d8

Concen: 48.825 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000443.D

Acq: 25 Oct 2019 20:43

Instrument :

MSVOA_Y

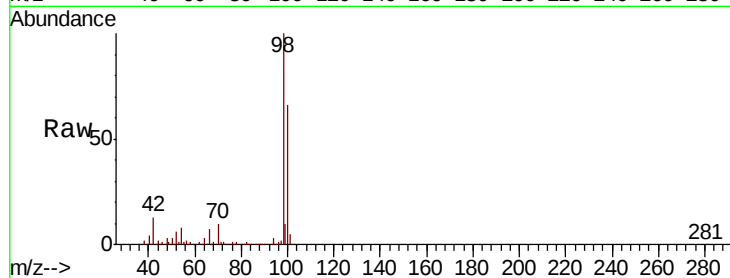
ClientSampleId :

Tot Ion: 98 Resp: 349307

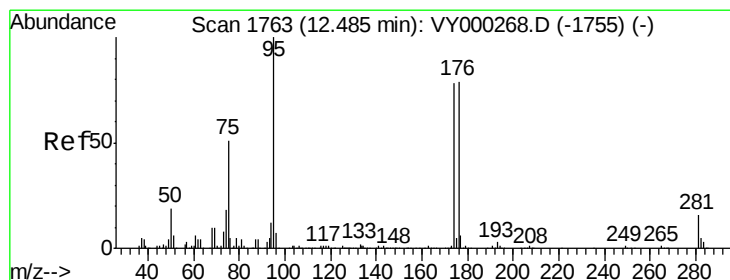
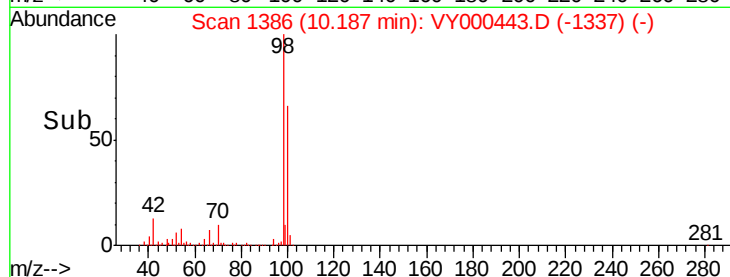
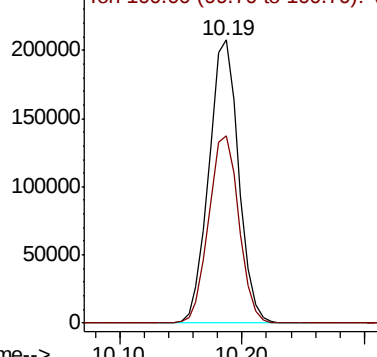
Ion Ratio Lower Upper

98 100

100 67.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY000443.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 38.350 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000443.D

Acq: 25 Oct 2019 20:43

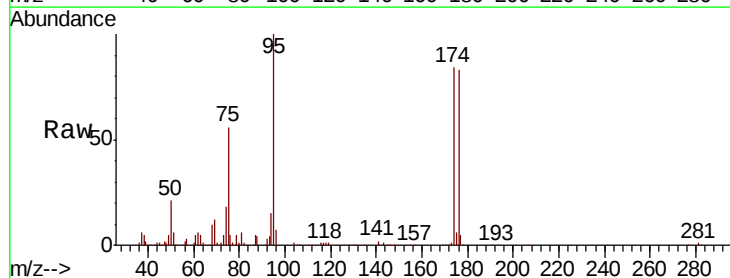
Tgt Ion: 95 Resp: 104235

Ion Ratio Lower Upper

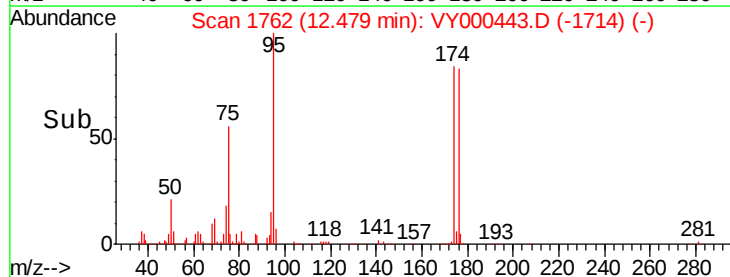
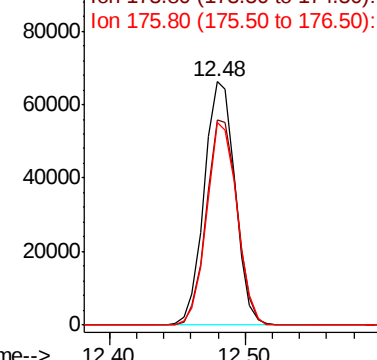
95 100

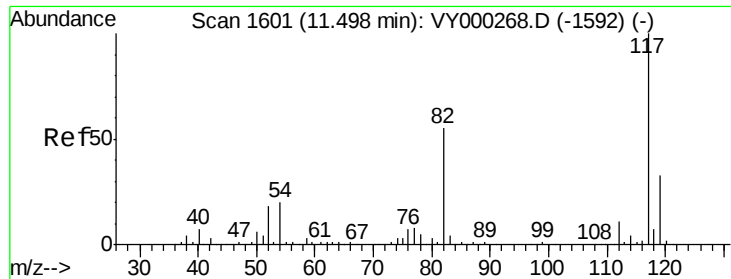
174 84.5 0.0 159.6

176 82.6 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000443.D (-1714) (-)

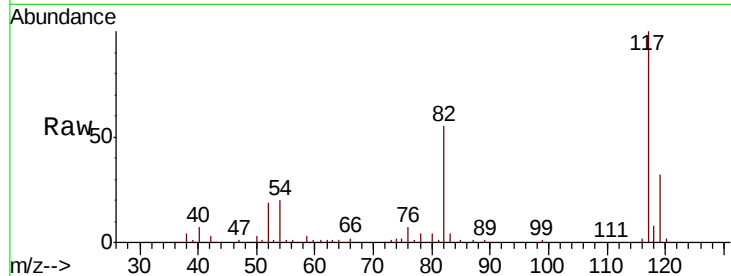




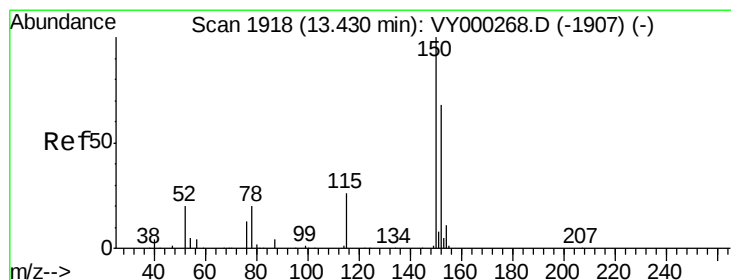
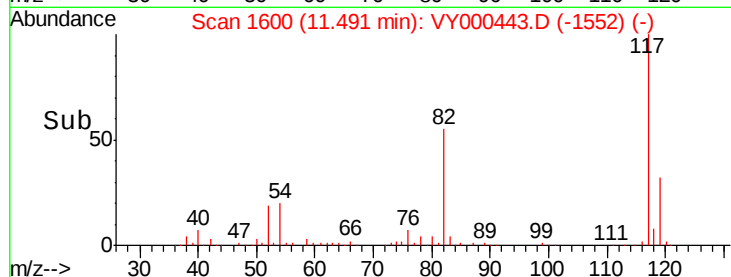
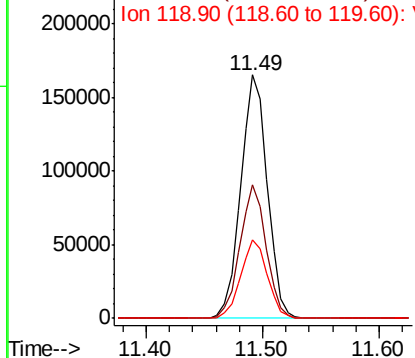
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000443.D
Acq: 25 Oct 2019 20:43

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 262154
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 32.0 26.6 39.8

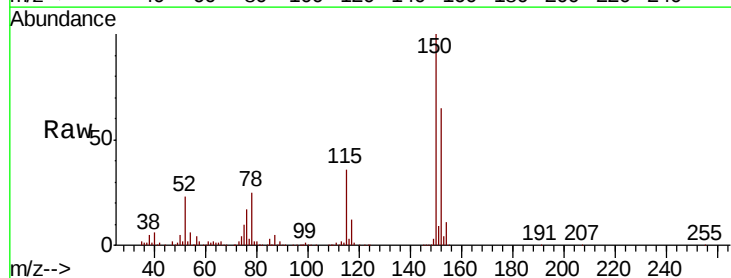


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

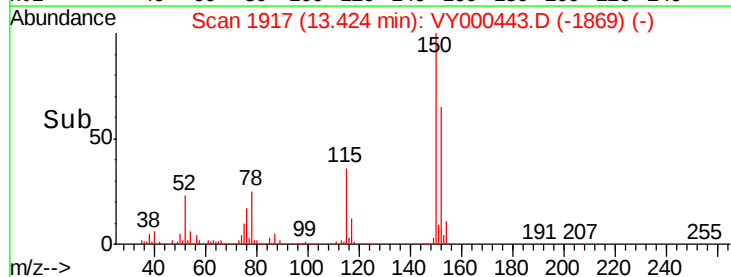
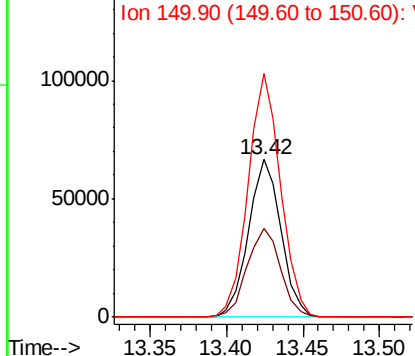


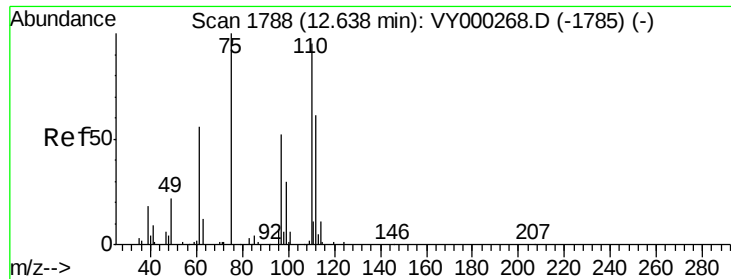
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000443.D
Acq: 25 Oct 2019 20:43

Tgt Ion:152 Resp: 98516
Ion Ratio Lower Upper
152 100
115 57.5 29.3 88.0
150 153.8 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: 45.615 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000443.D

Acq: 25 Oct 2019 20:43

Instrument :

MSVOA_Y

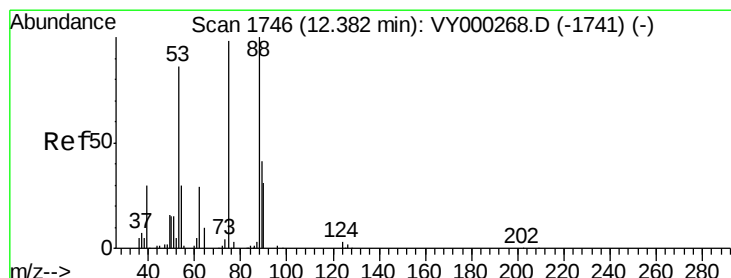
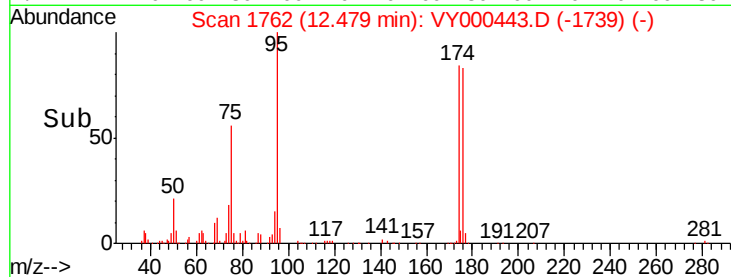
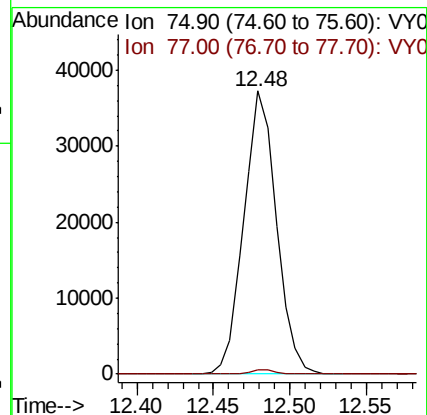
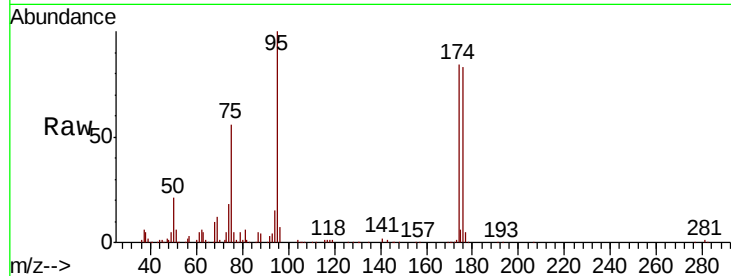
ClientSampleId :

Tot Ion: 75 Resp: 55259

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 99.805 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000443.D

Acq: 25 Oct 2019 20:43

Tgt Ion: 75 Resp: 55259

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 35.1 52.7#

