

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
 Data File : VY000478.D
 Acq On : 29 Oct 2019 16:38
 Operator : SY/MD
 Sample : K5587-05RE
 Misc : 5.64G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 07:19:49 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	180307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	322309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	284695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	133518	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	107557	56.55	ug/l	0.00
Spiked Amount			Recovery	=	113.10%	
35) Dibromofluoromethane	7.74	113	92699	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
50) Toluene-d8	10.19	98	371470	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.48	95	124496	43.82	ug/l	0.00
Spiked Amount			Recovery	=	87.64%	

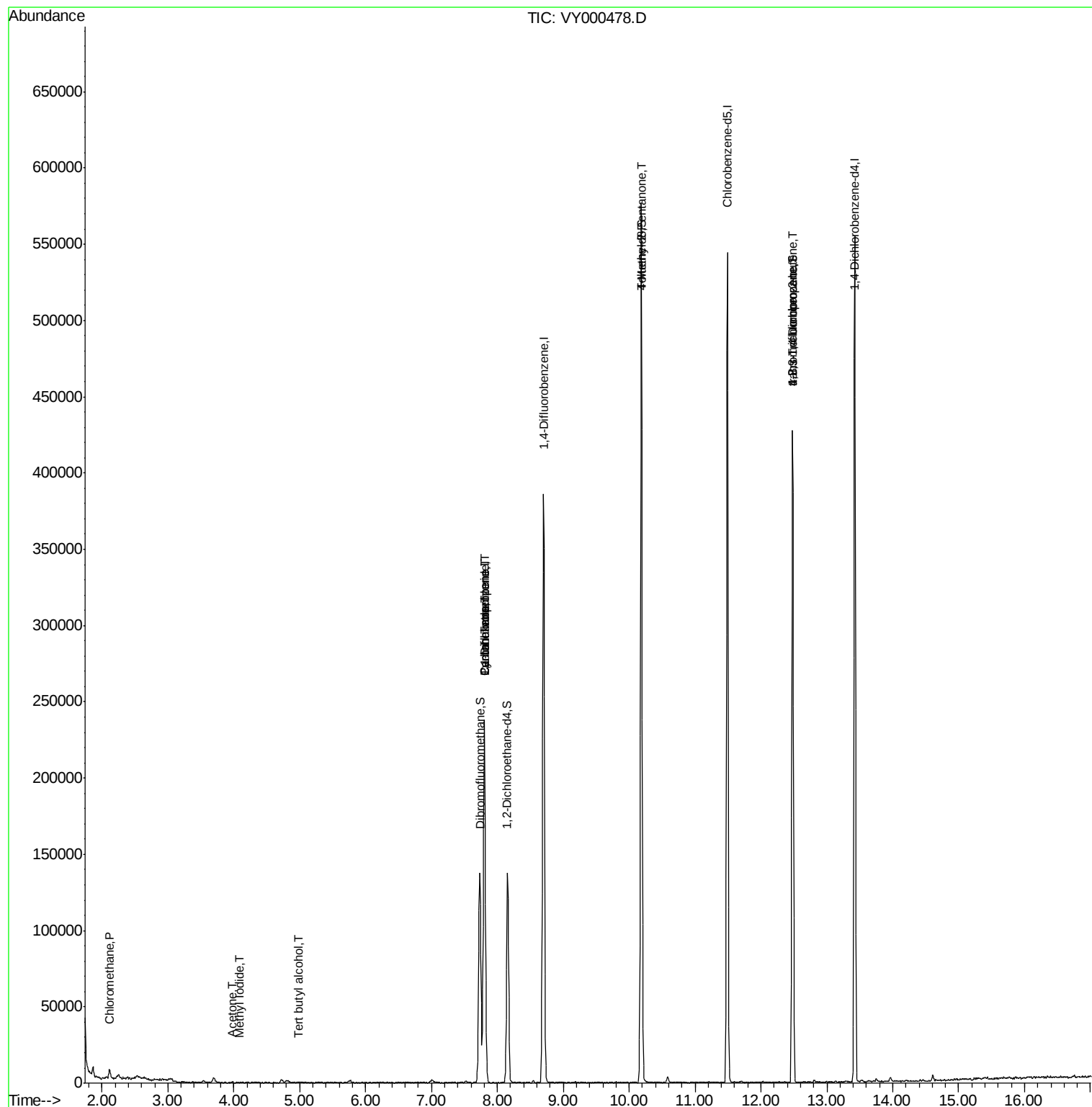
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	5453	2.475	ug/l #	87
10) Methyl Iodide	4.09	142	204	1.262	ug/l #	41
11) Tert butyl alcohol	4.99	59	861	4.326	ug/l #	73
16) Acetone	3.97	43	747	1.213	ug/l #	42
20) Methylene Chloride	4.72	84	745	Below Cal	#	88
31) Cyclohexane	7.80	56	4069	1.118	ug/l #	40
36) 1,1-Dichloropropene	7.80	75	14351	4.548	ug/l #	50
38) Carbon Tetrachloride	7.80	117	17490	5.724	ug/l #	18
51) 4-Methyl-2-Pentanone	10.18	43	2112	1.153	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	66203	40.323	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	66203	88.225	ug/l #	14

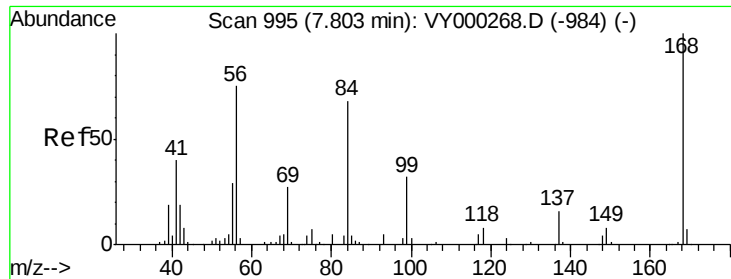
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
Data File : VY000478.D
Acq On : 29 Oct 2019 16:38
Operator : SY/MD
Sample : K5587-05RE
Misc : 5.64G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 30 07:19:49 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: VY000478.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_Y

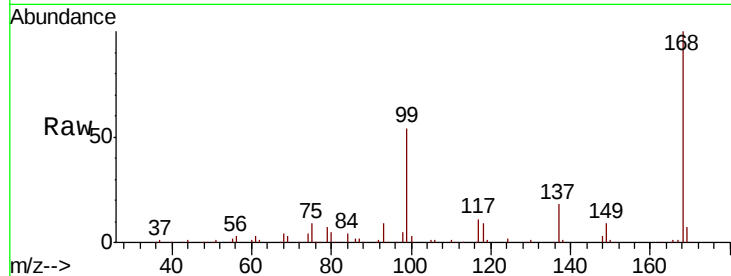
ClientSampleId :

Tot Ion:168 Resp: 180307

Ion Ratio Lower Upper

168 100

99 54.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000478.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000478.D (-946) (-)

7.80

80000

60000

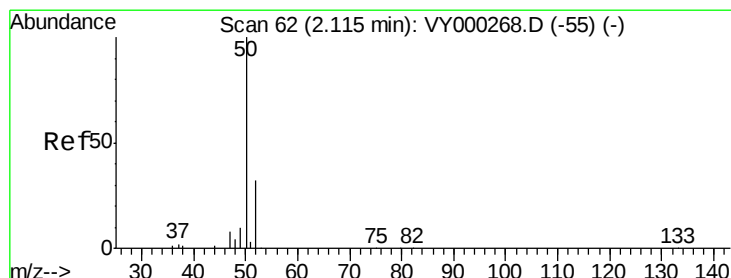
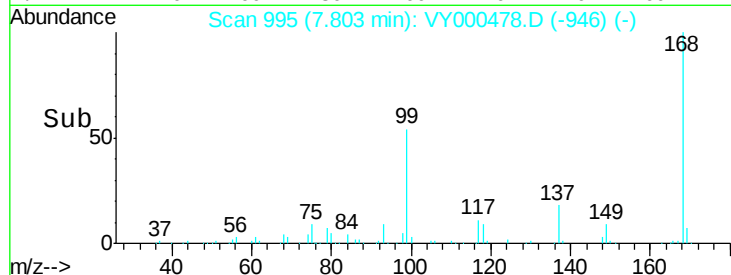
40000

20000

0

Time-->

7.70 7.80 7.90



#3

Chloromethane

Concen: 2.475 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000478.D

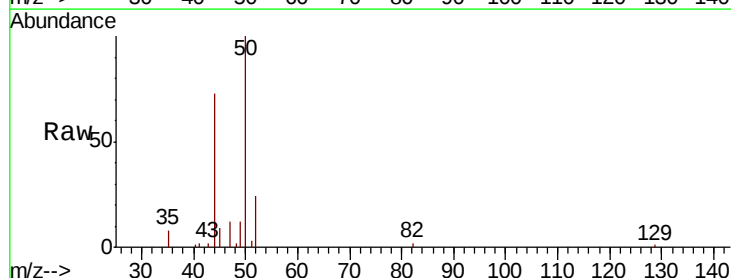
Acq: 29 Oct 2019 16:38

Tgt Ion: 50 Resp: 5453

Ion Ratio Lower Upper

50 100

52 24.2 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VY000478.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY000478.D (-13) (-)

2.11

4000

3000

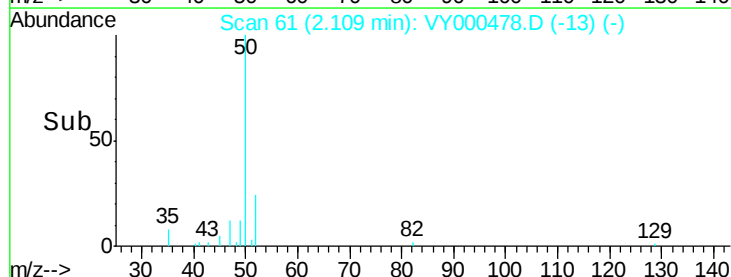
2000

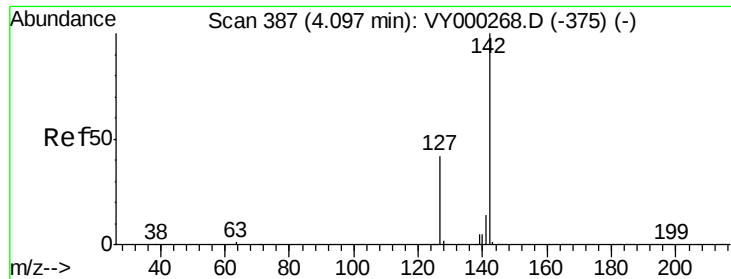
1000

0

Time-->

2.05 2.10 2.15 2.20

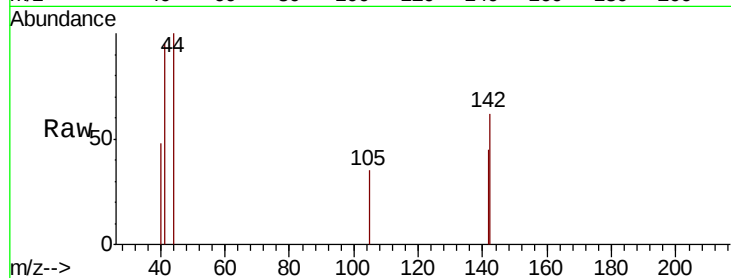




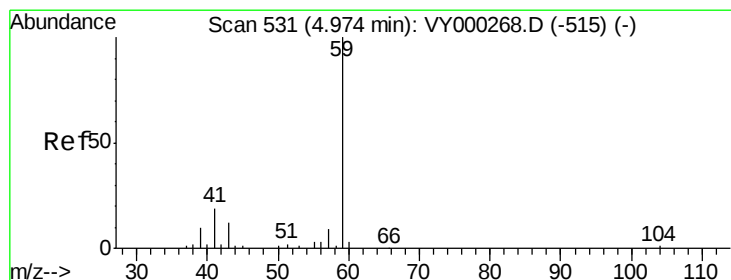
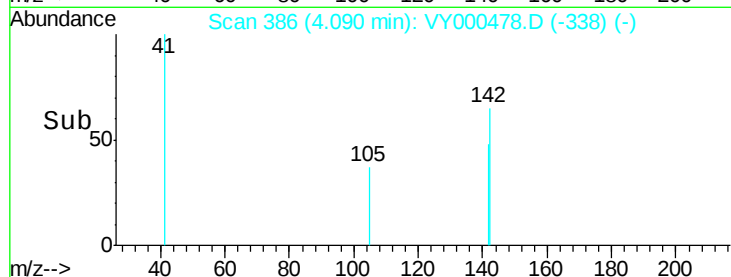
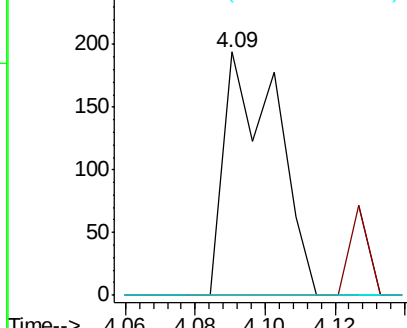
#10
Methyl Iodide
Concen: 1.262 ug/l
RT: 4.09 min Scan# 386
Delta R.T. -0.01 min
Lab File: VY000478.D
Acq: 29 Oct 2019 16:38

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:142 Resp: 204
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#

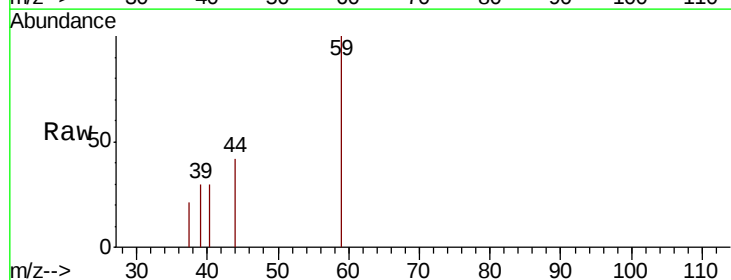


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

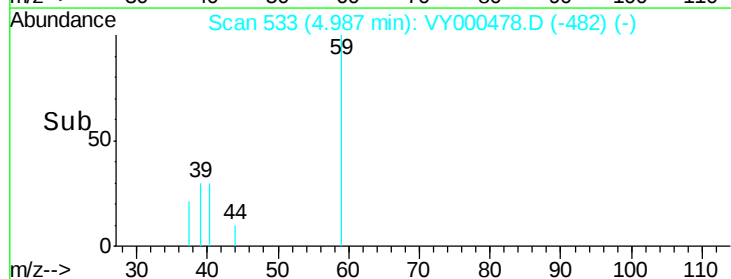
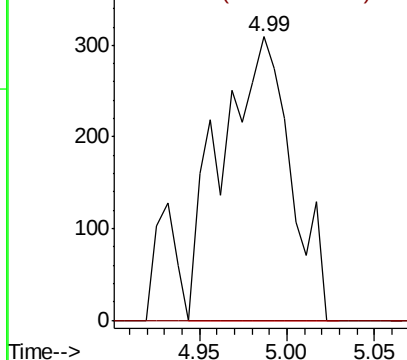


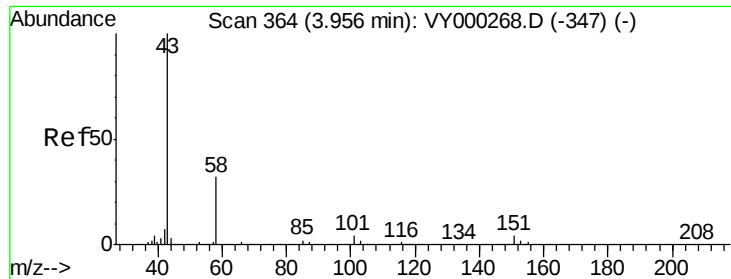
#11
Tert butyl alcohol
Concen: 4.326 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.01 min
Lab File: VY000478.D
Acq: 29 Oct 2019 16:38

Tgt Ion: 59 Resp: 861
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0





#16

Acetone

Concen: 1.213 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VY000478.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_Y

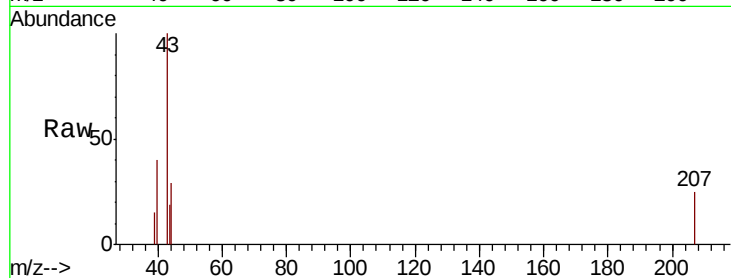
ClientSampleId :

Tot Ion: 43 Resp: 747

Ion Ratio Lower Upper

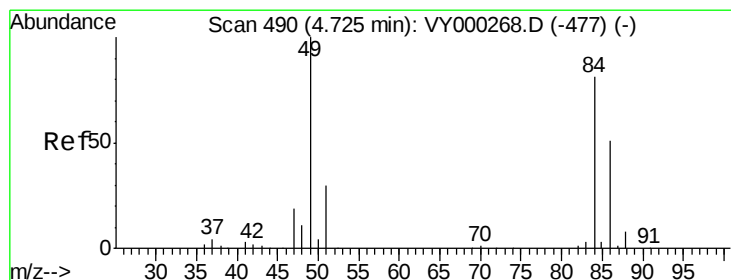
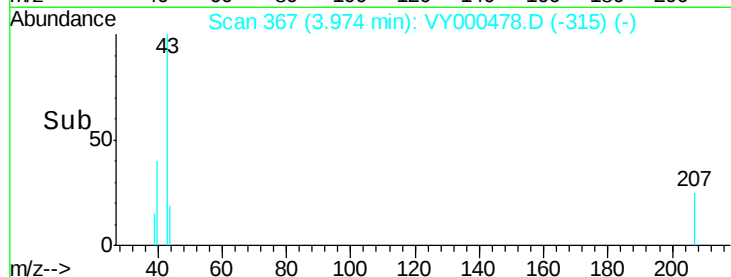
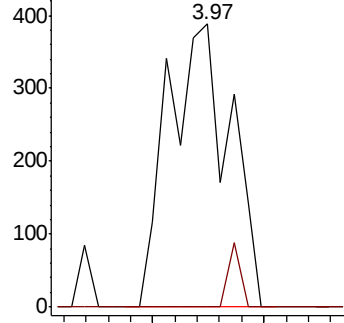
43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000478.D

Acq: 29 Oct 2019 16:38

Tgt Ion: 84 Resp: 745

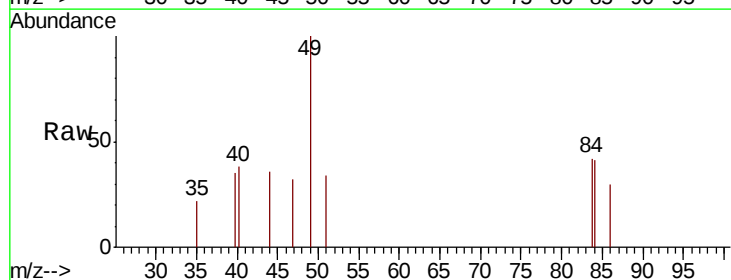
Ion Ratio Lower Upper

84 100

49 121.2 99.0 148.4

51 40.9 29.3 43.9

86 36.0 50.2 75.4#

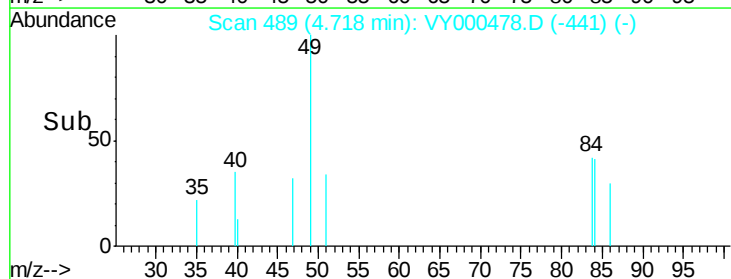
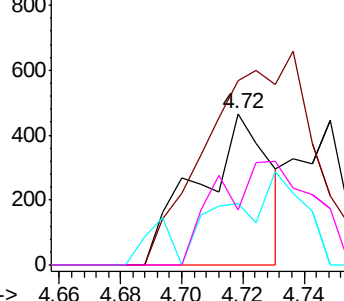


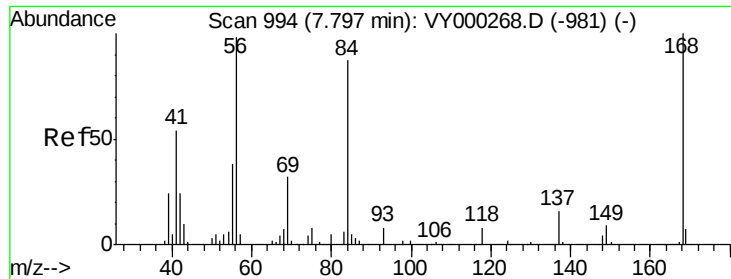
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

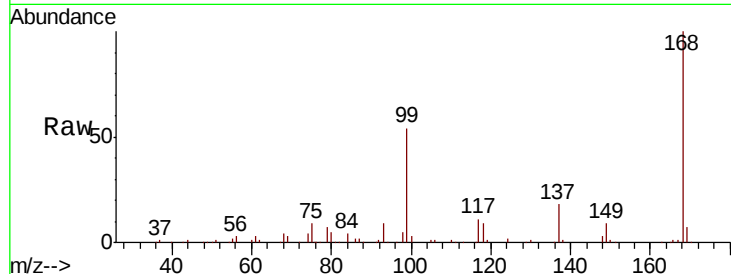




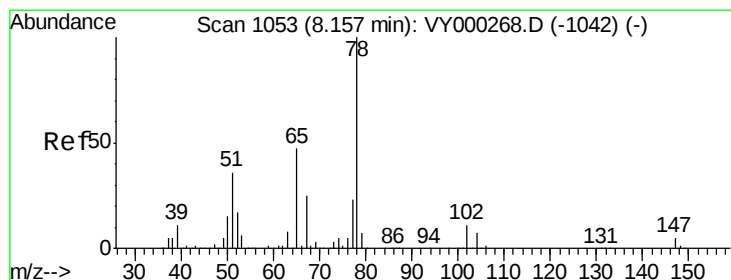
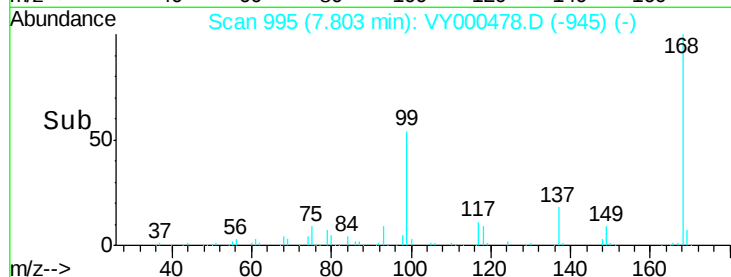
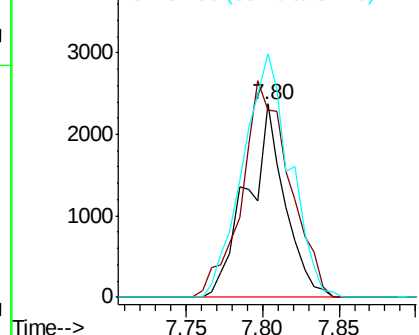
#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000478.D
Acq: 29 Oct 2019 16:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 4069
Ion Ratio Lower Upper
56 100
69 97.1 26.3 39.5#
84 126.0 70.8 106.2#

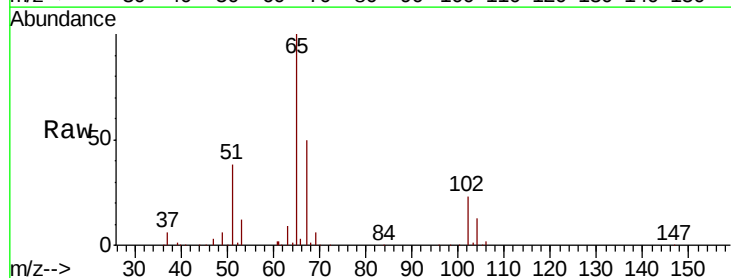


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

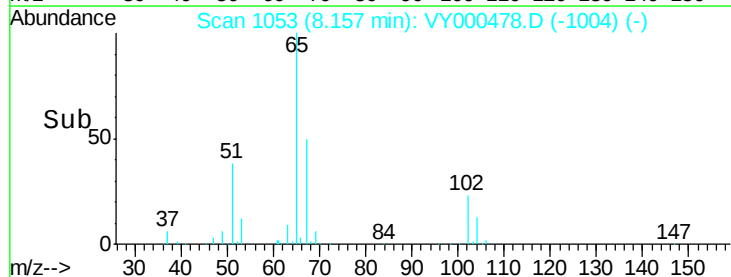
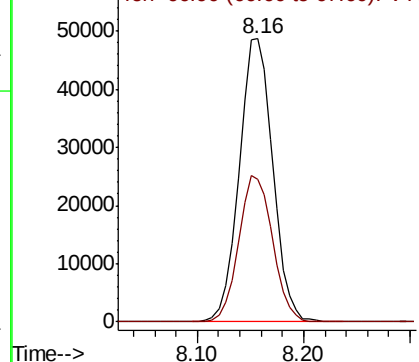


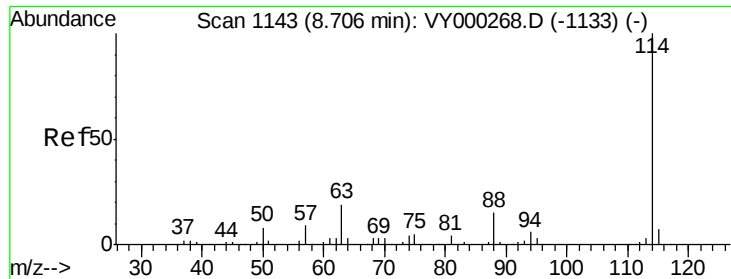
#33
1,2-Dichloroethane-d4
Concen: 56.551 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000478.D
Acq: 29 Oct 2019 16:38

Tgt Ion: 65 Resp: 107557
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.4



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

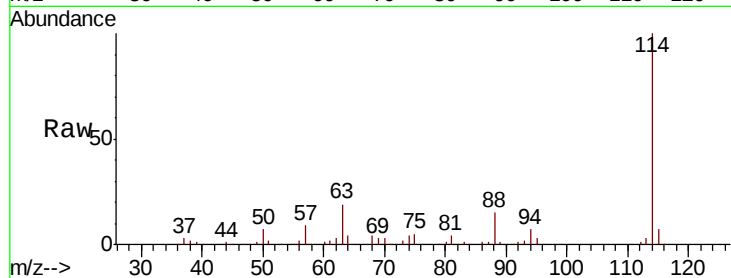




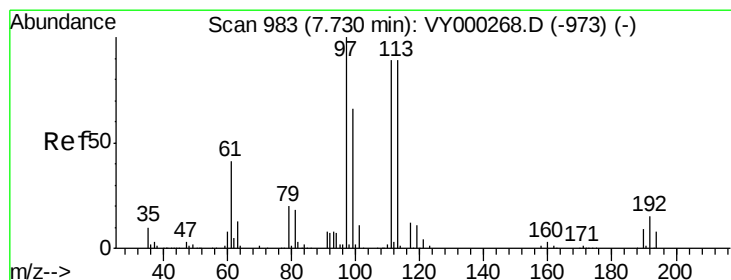
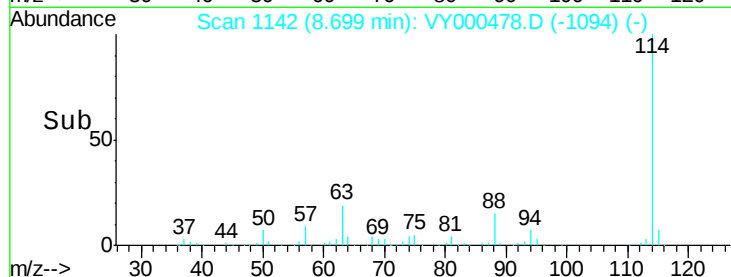
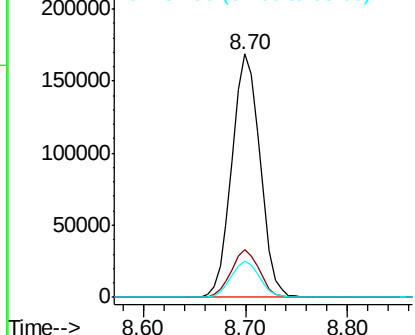
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000478.D
 Acq: 29 Oct 2019 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 322309
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.2
 88 14.8 0.0 30.2

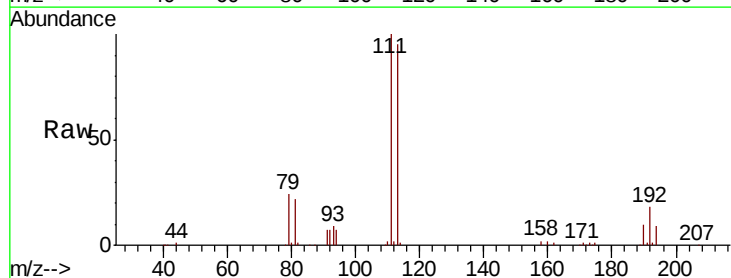


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

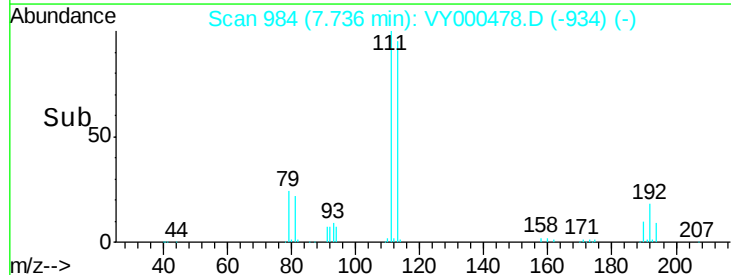
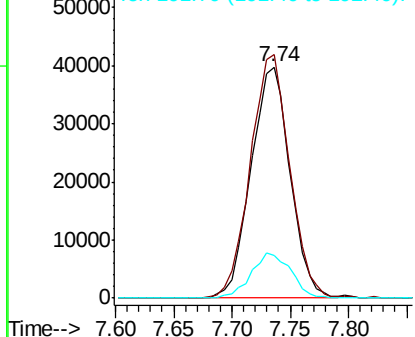


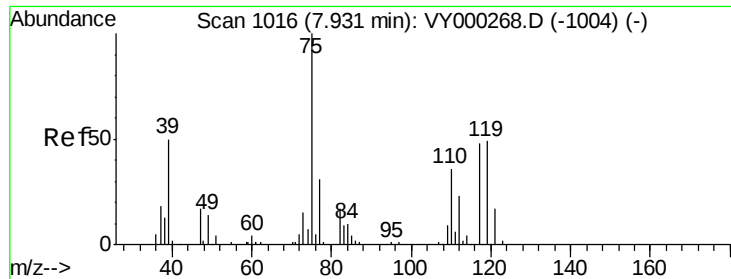
#35
 Dibromofluoromethane
 Concen: 47.680 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000478.D
 Acq: 29 Oct 2019 16:38

Tgt Ion:113 Resp: 92699
 Ion Ratio Lower Upper
 113 100
 111 106.1 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

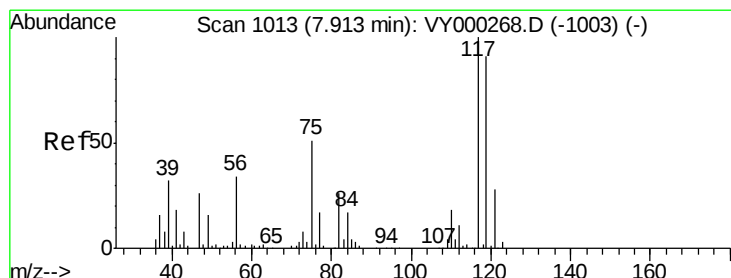
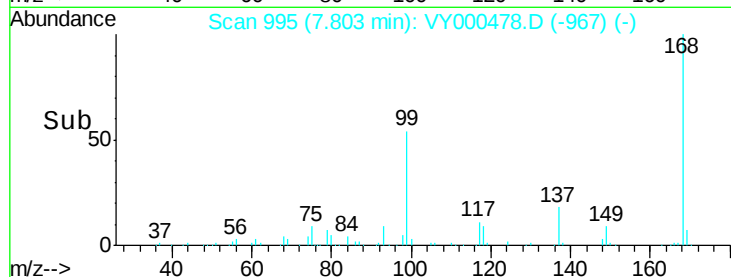
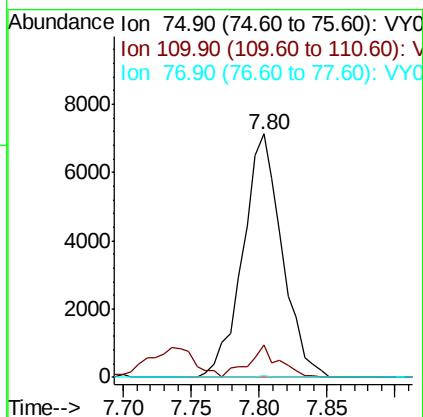
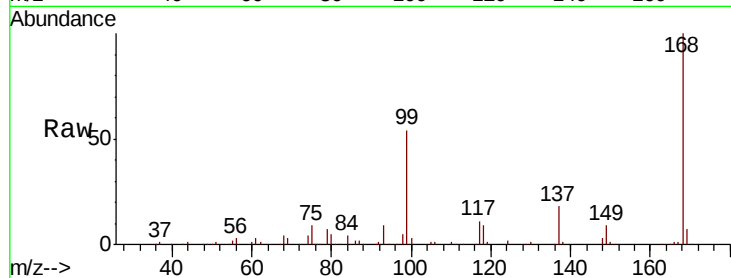




#36
 1,1-Dichloropropene
 Concen: 4.548 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000478.D
 Acq: 29 Oct 2019 16:38

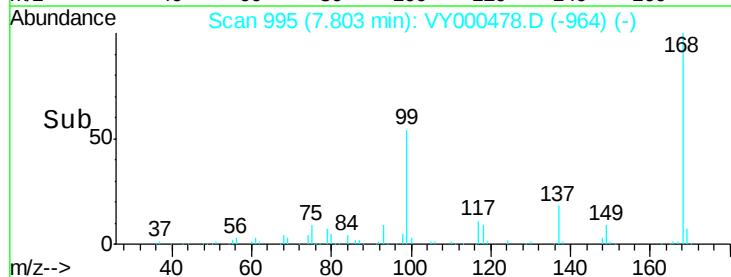
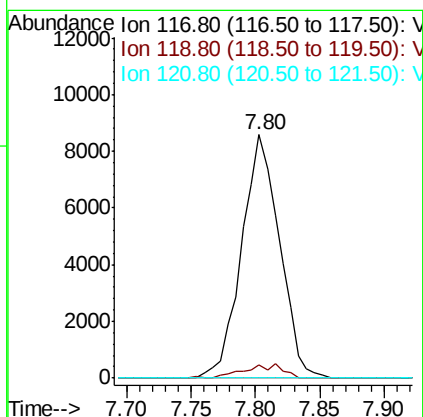
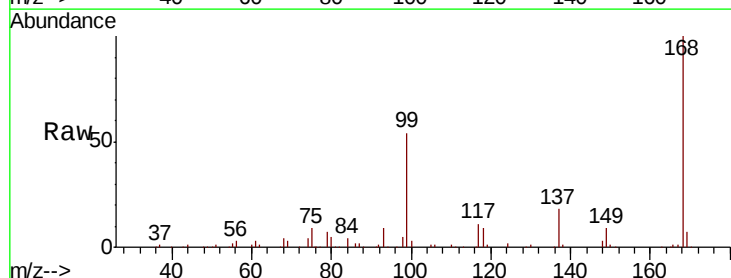
Instrument :
 MSVOA_Y
 ClientSampleId :

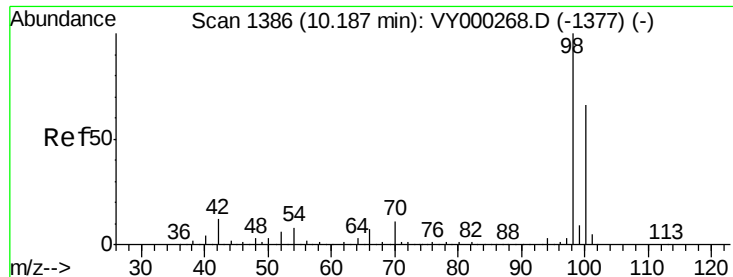
Tot Ion: 75 Resp: 14351
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.4 55.4#
 77 0.1 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.724 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000478.D
 Acq: 29 Oct 2019 16:38

Tgt Ion: 117 Resp: 17490
 Ion Ratio Lower Upper
 117 100
 119 5.2 72.8 109.2#
 121 0.0 22.2 33.2#





#50

Toluene-d8

Concen: 49.670 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000478.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_Y

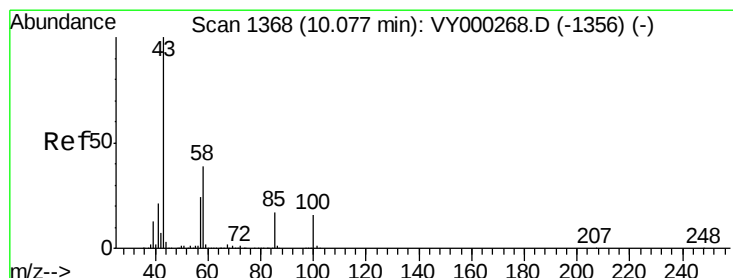
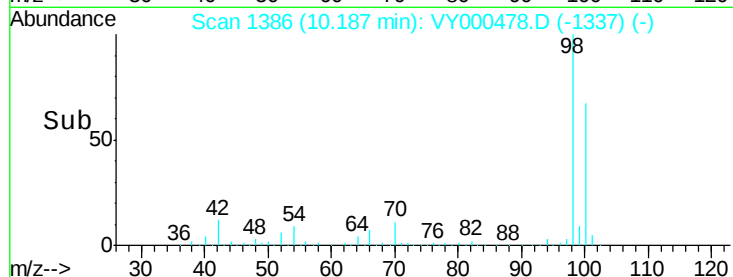
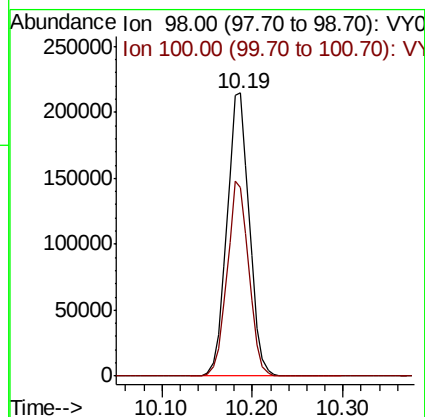
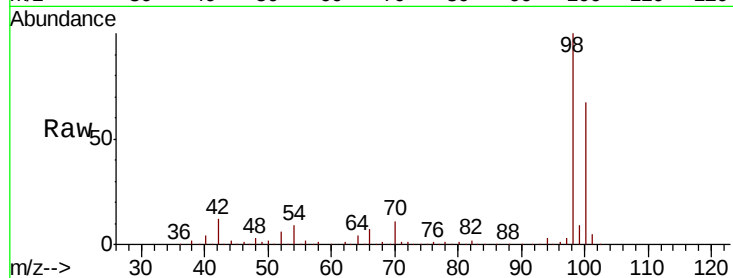
ClientSampleId :

Tot Ion: 98 Resp: 371470

Ion Ratio Lower Upper

98 100

100 66.6 52.8 79.2



#51

4-Methyl-2-Pentanone

Concen: 1.153 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY000478.D

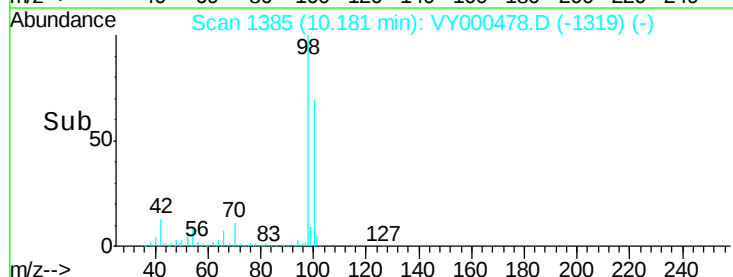
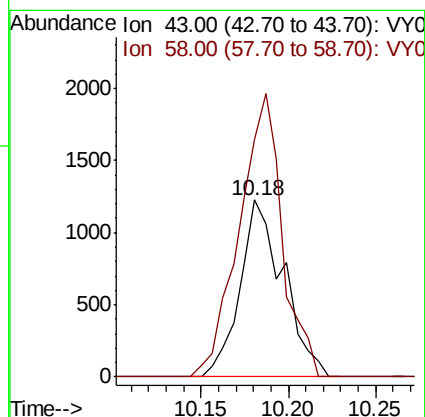
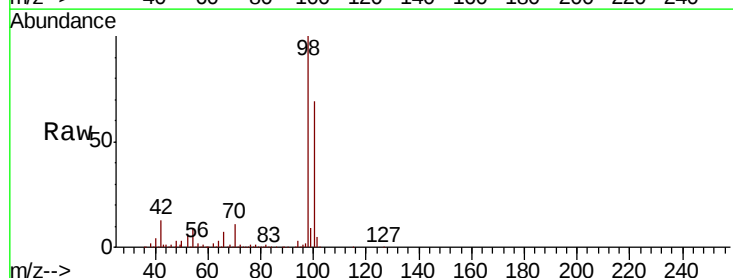
Acq: 29 Oct 2019 16:38

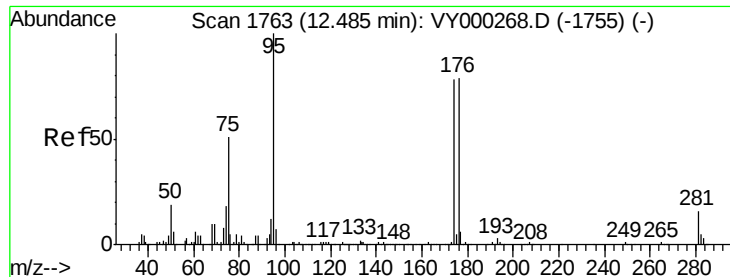
Tgt Ion: 43 Resp: 2112

Ion Ratio Lower Upper

43 100

58 158.7 31.0 46.6#

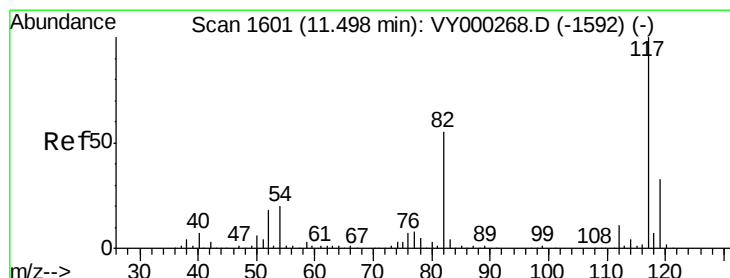
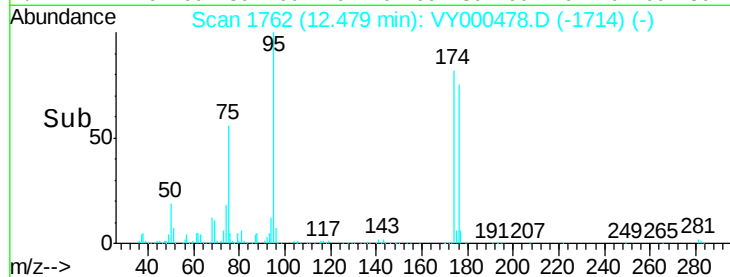
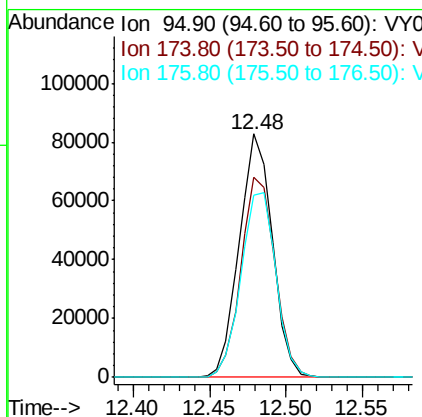
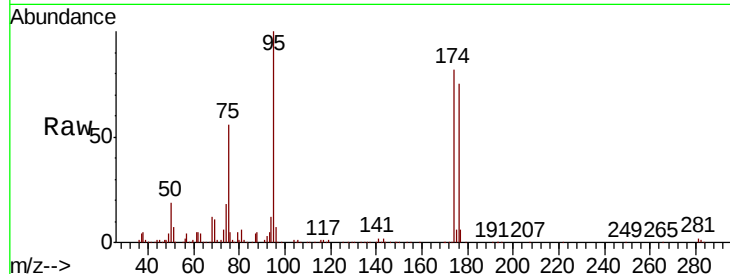




#62
4-Bromofluorobenzene
Concen: 43.817 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000478.D
Acq: 29 Oct 2019 16:38

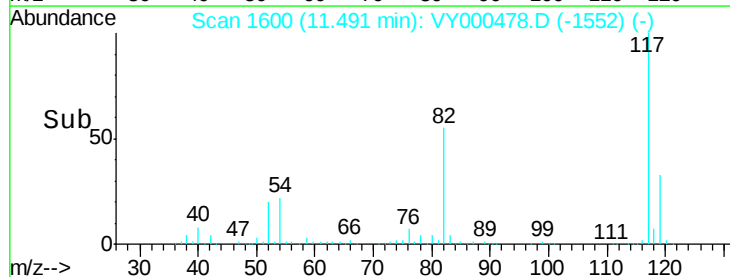
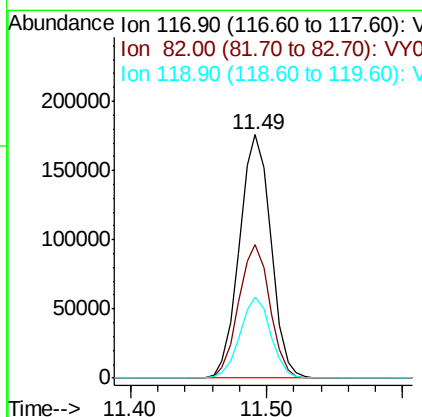
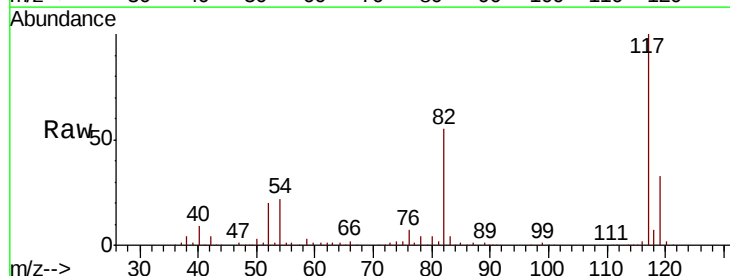
Instrument :
MSVOA_Y
ClientSampled :

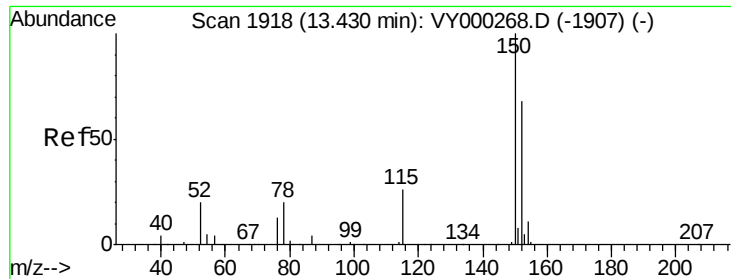
Tot Ion: 95 Resp: 124496
Ion Ratio Lower Upper
95 100
174 84.3 0.0 159.6
176 80.3 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000478.D
Acq: 29 Oct 2019 16:38

Tgt Ion: 117 Resp: 284695
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 33.3 26.6 39.8



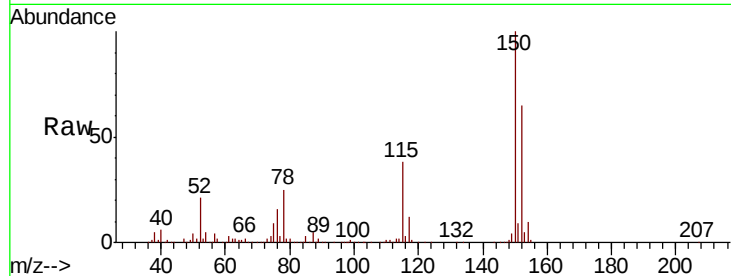


#72

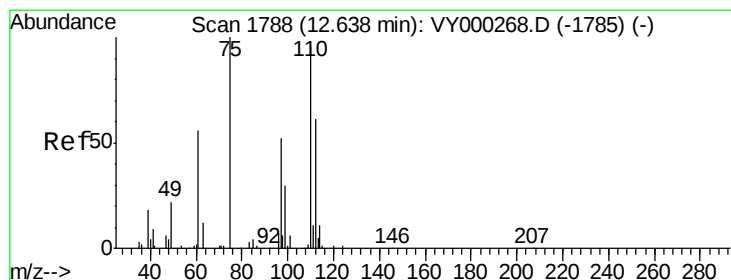
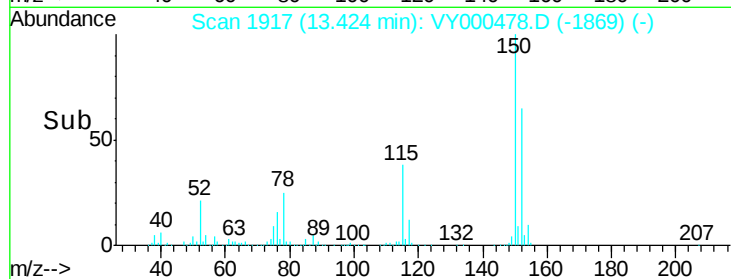
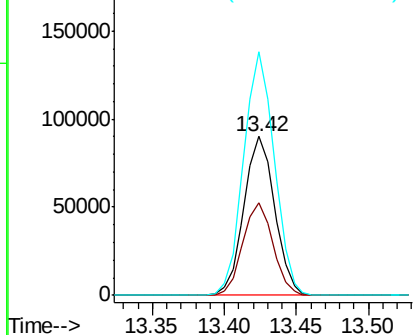
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000478.D
Acq: 29 Oct 2019 16:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 133518
Ion Ratio Lower Upper
152 100
115 57.4 29.3 88.0
150 152.5 0.0 348.4



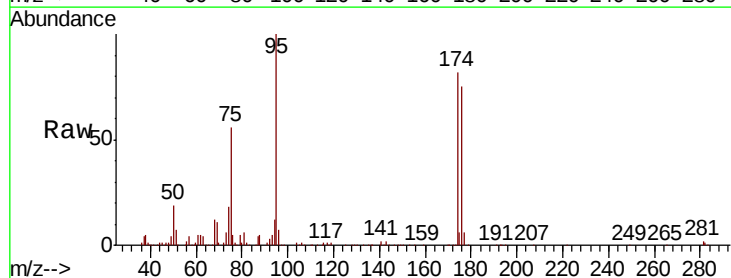
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



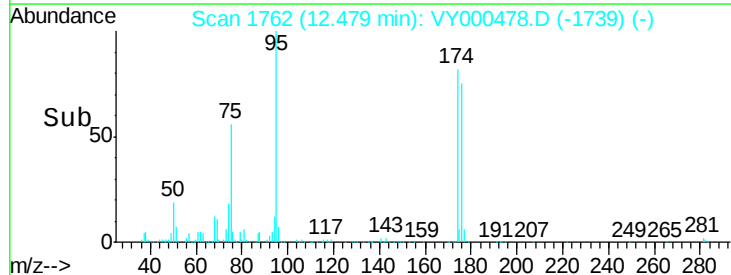
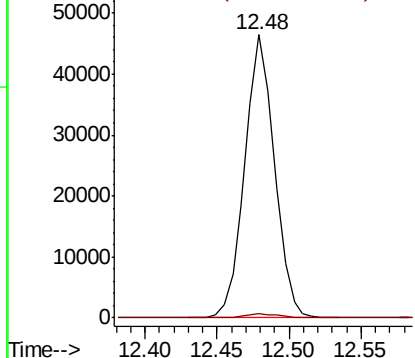
#76

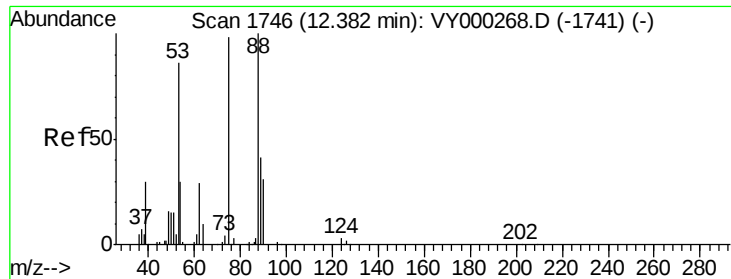
1,2,3-Trichloropropane
Concen: 40.323 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000478.D
Acq: 29 Oct 2019 16:38

Tgt Ion: 75 Resp: 66203
Ion Ratio Lower Upper
75 100
77 1.7 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: 88.225 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000478.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 66203

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 35.1 52.7#

