

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000440.D
 Acq On : 25 Oct 2019 19:34
 Operator : SY/MD
 Sample : K5540-08
 Misc : 3.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 01:47:31 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	186980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	326565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	282008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	117504	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	106566	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
35) Dibromofluoromethane	7.74	113	92707	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
50) Toluene-d8	10.19	98	366529	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.48	95	117030	40.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.30%	

Target Compounds

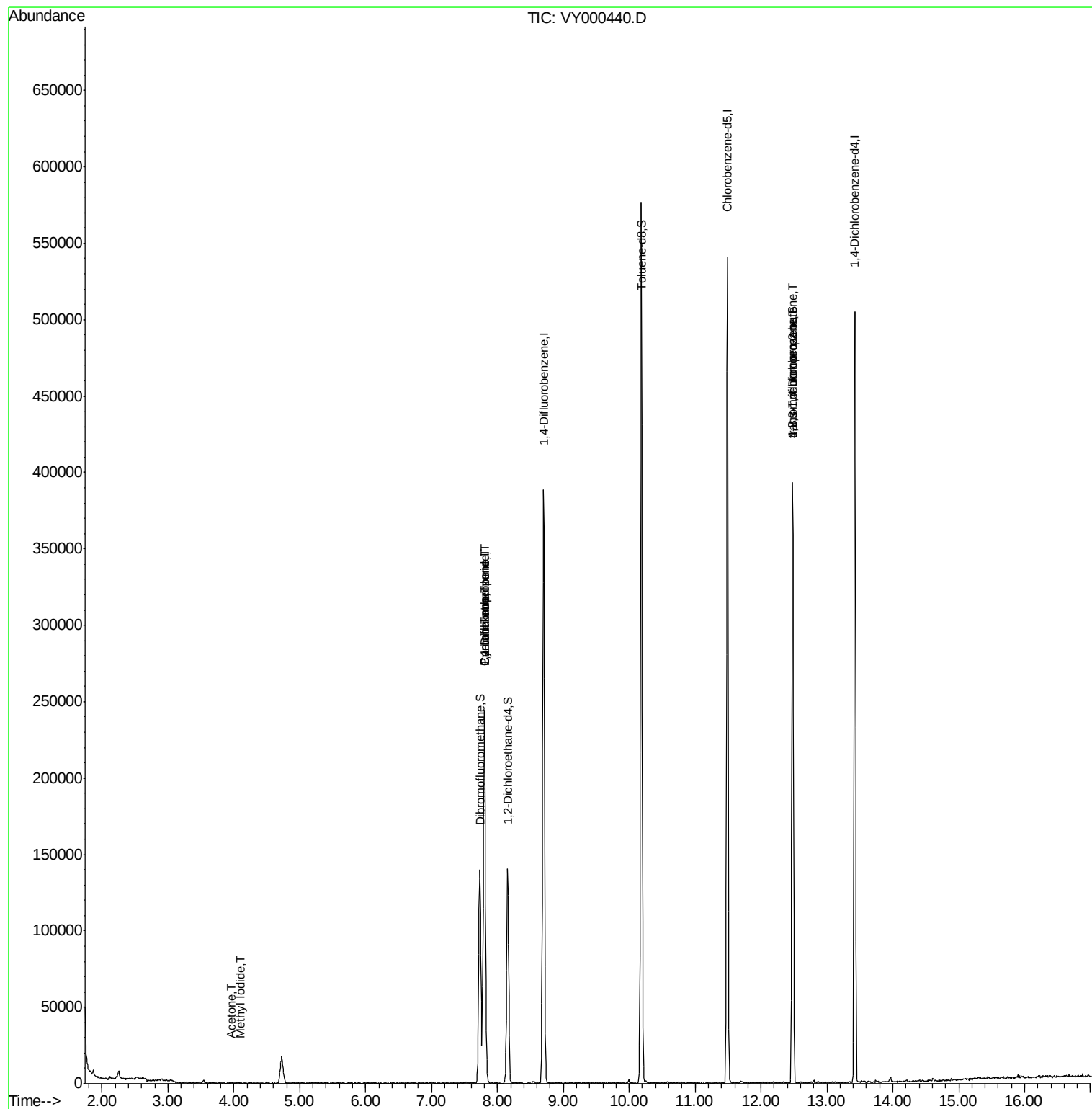
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	145	Below Cal	#	41
10) Methyl Iodide	4.10	142	91	1.219	ug/l #	56
16) Acetone	3.96	43	766	1.199	ug/l #	42
31) Cyclohexane	7.80	56	4338	1.150	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	14694	4.596	ug/l #	50
38) Carbon Tetrachloride	7.80	117	18674	6.032	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	63386	43.869	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	63386	95.983	ug/l #	14

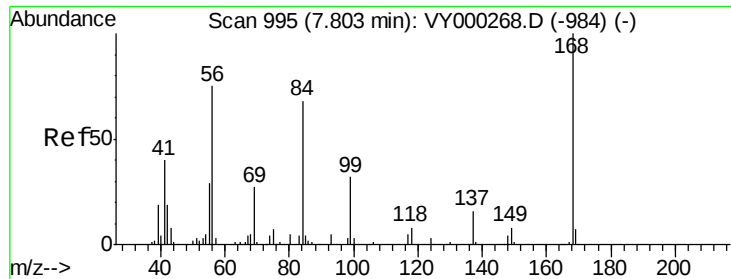
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 26 01:47:31 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: VY000440.D

Acq: 25 Oct 2019 19:34

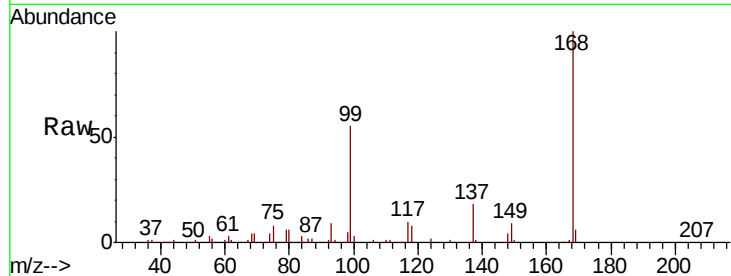
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 186980

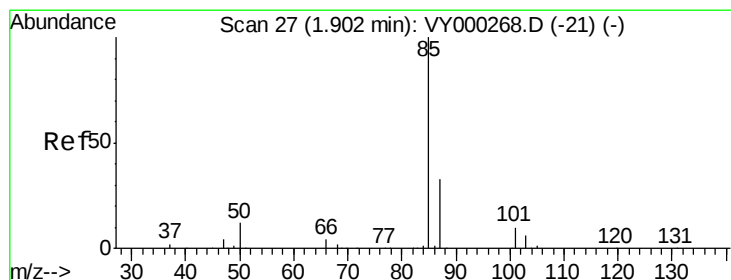
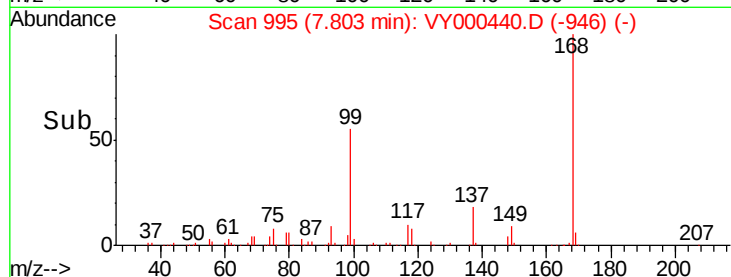
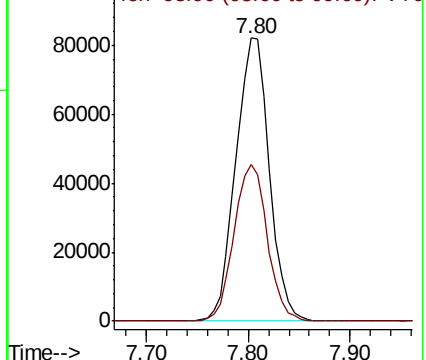
Ion Ratio Lower Upper

168 100

99 55.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000440.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY000440.D

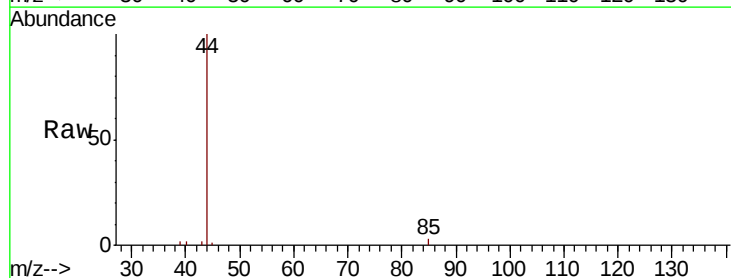
Acq: 25 Oct 2019 19:34

Tgt Ion: 85 Resp: 145

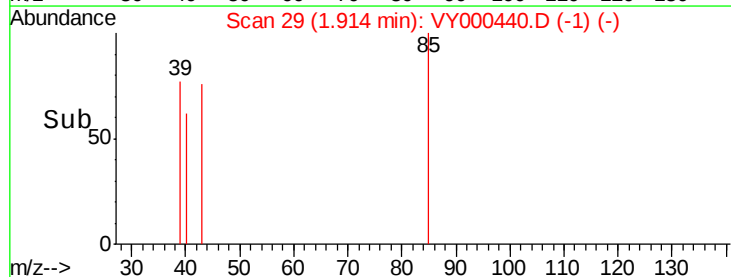
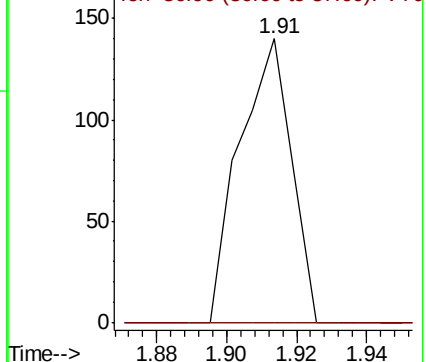
Ion Ratio Lower Upper

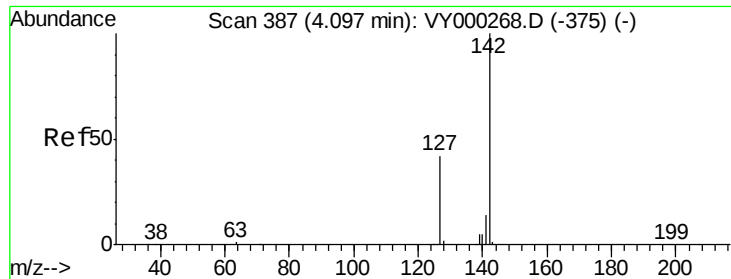
85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000440.D (-1) (-)

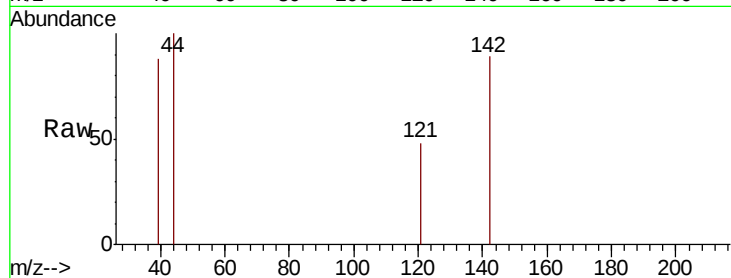




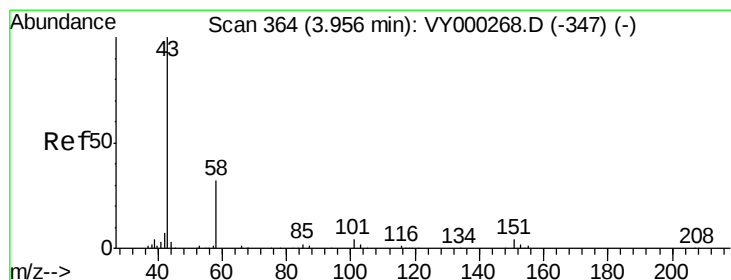
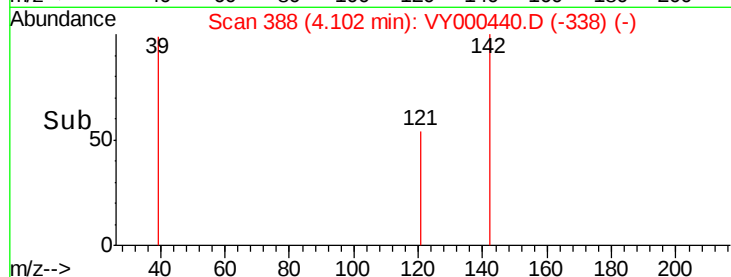
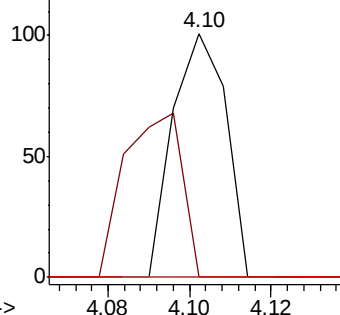
#10
Methvl Iodide
Concen: 1.219 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000440.D
Acq: 25 Oct 2019 19:34

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:142 Resp: 91
Ion Ratio Lower Upper
142 100
127 72.5 33.9 50.9#
141 0.0 11.2 16.8#

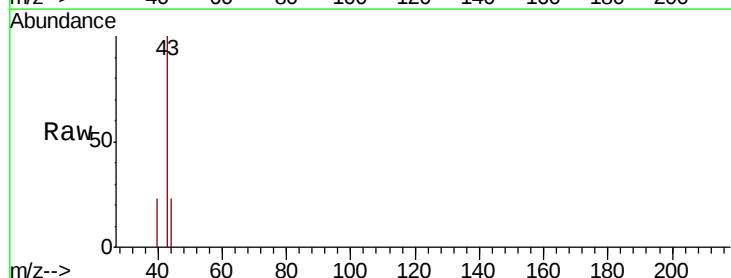


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

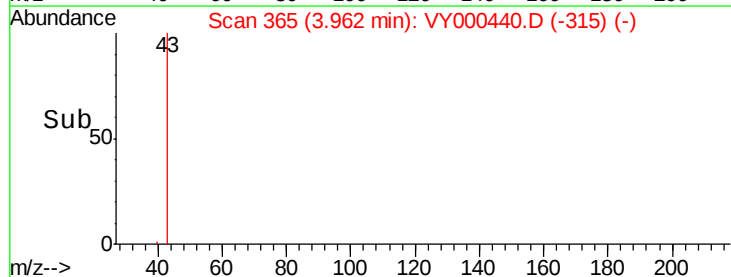
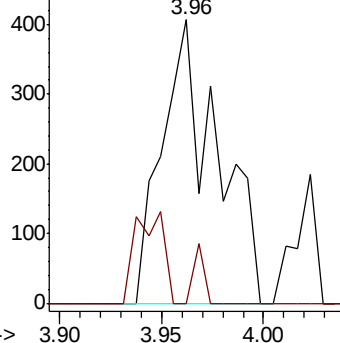


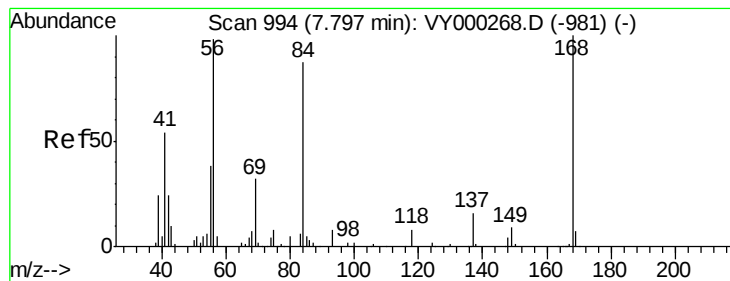
#16
Acetone
Concen: 1.199 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000440.D
Acq: 25 Oct 2019 19:34

Tgt Ion: 43 Resp: 766
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





#31

Cyclohexane

Concen: 1.150 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000440.D

Acq: 25 Oct 2019 19:34

Instrument :
MSVOA_Y
ClientSampled :

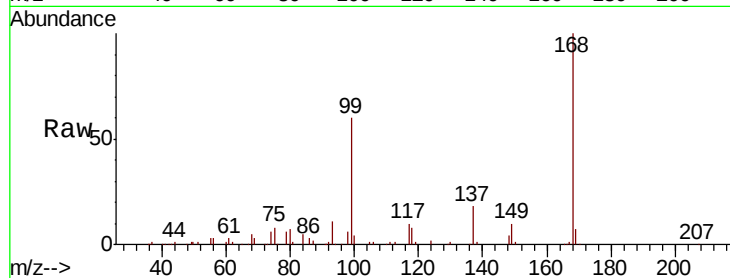
Tot Ion: 56 Resp: 4338

Ion Ratio Lower Upper

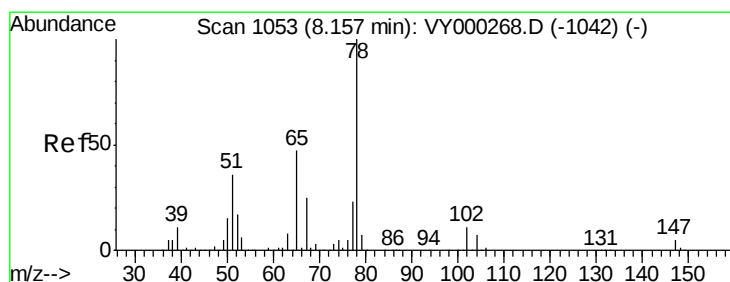
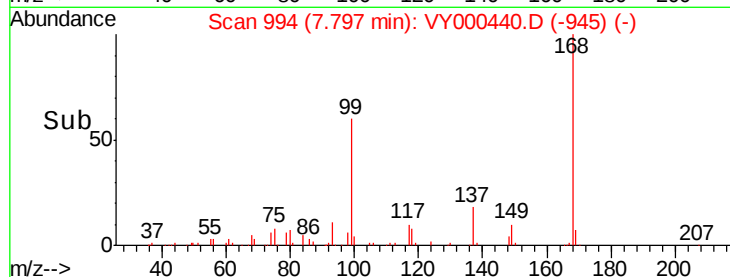
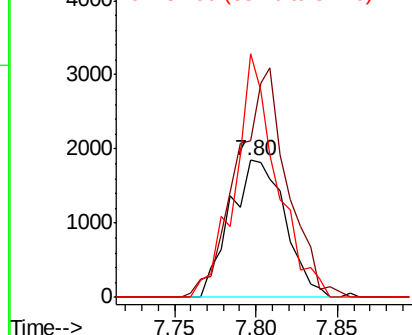
56 100

69 111.9 26.3 39.5#

84 178.0 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: 54.030 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000440.D

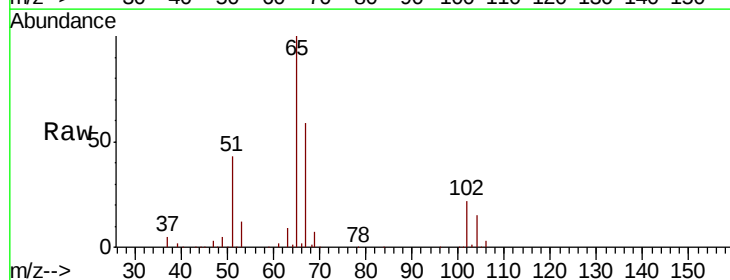
Acq: 25 Oct 2019 19:34

Tgt Ion: 65 Resp: 106566

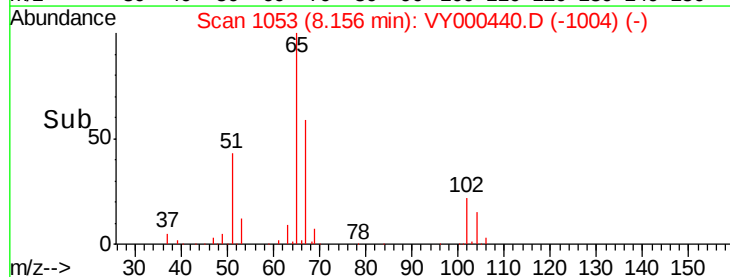
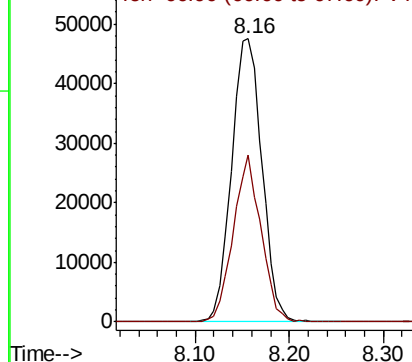
Ion Ratio Lower Upper

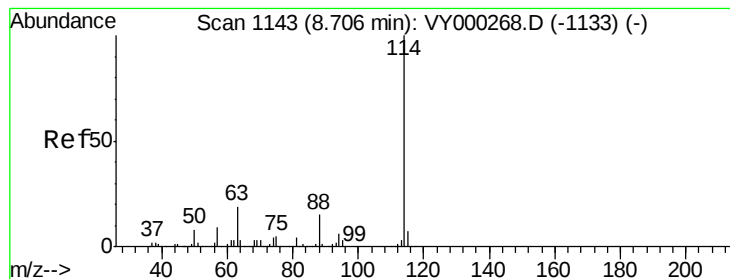
65 100

67 53.8 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: VY000440.D

Acq: 25 Oct 2019 19:34

Instrument :

MSVOA_Y

ClientSampleId :

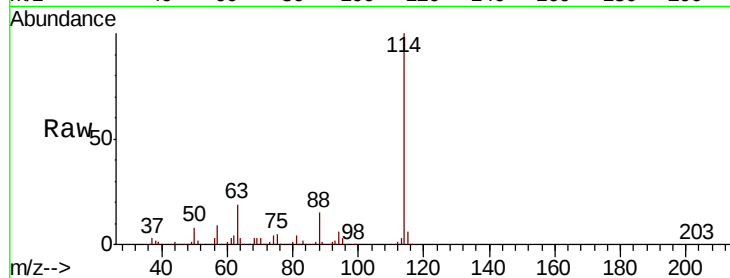
Tot Ion:114 Resp: 326565

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.2

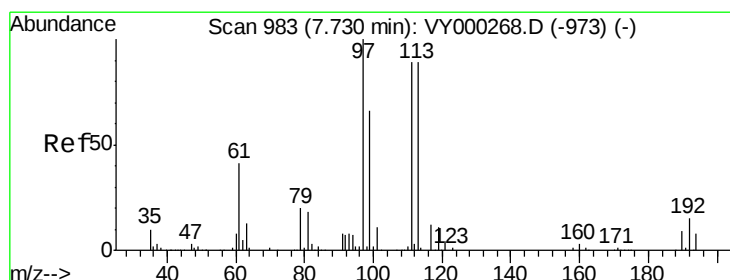
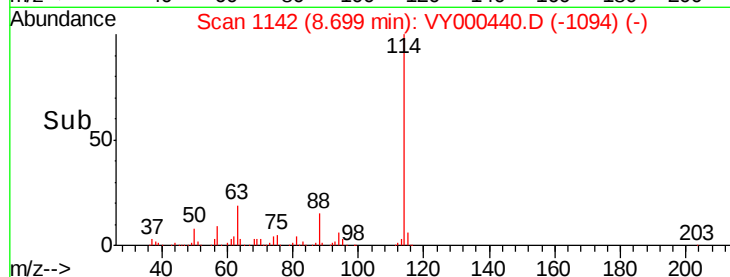
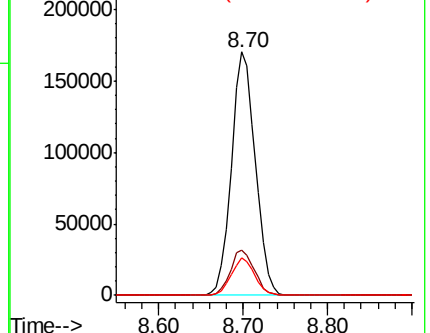
88 15.3 0.0 30.2



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: 47.063 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000440.D

Acq: 25 Oct 2019 19:34

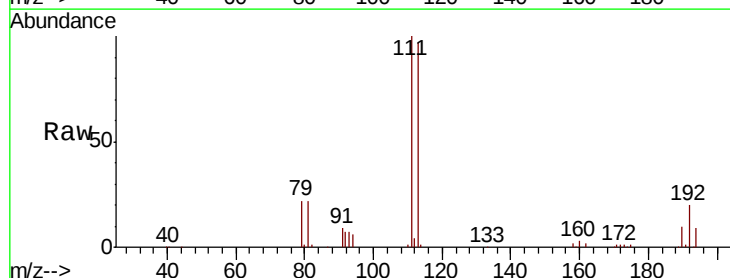
Tgt Ion:113 Resp: 92707

Ion Ratio Lower Upper

113 100

111 104.5 81.6 122.4

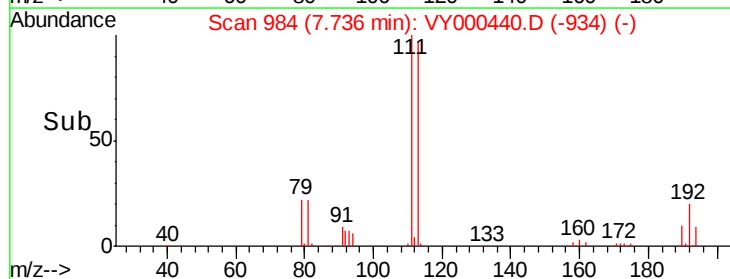
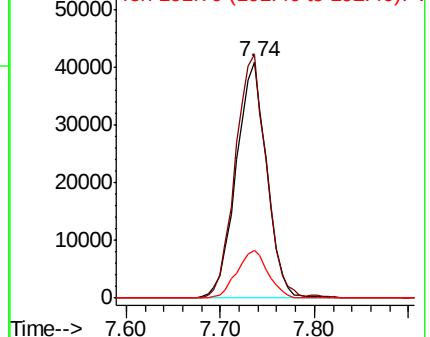
192 20.6 15.3 22.9

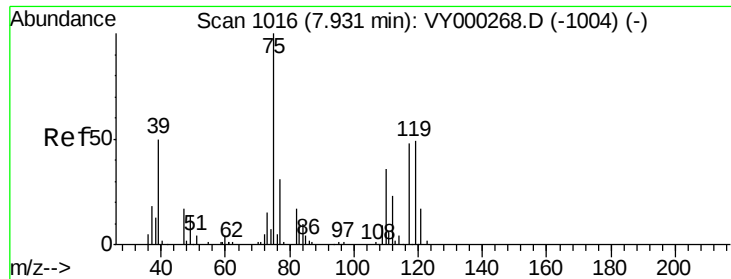


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

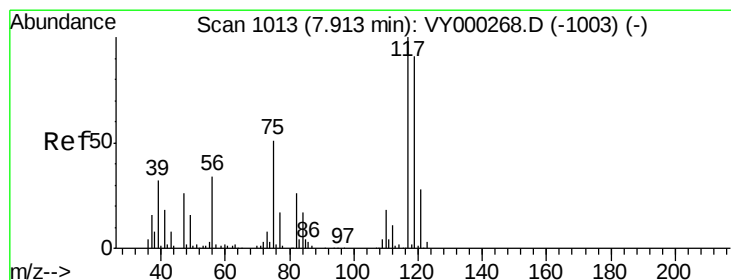
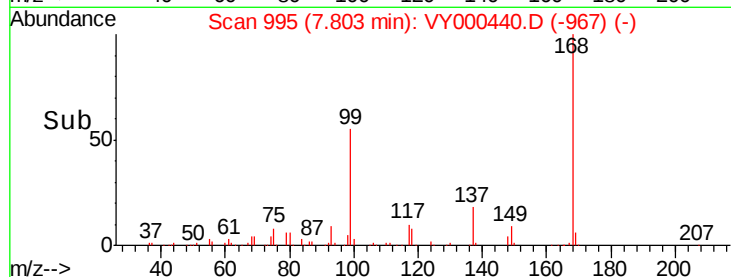
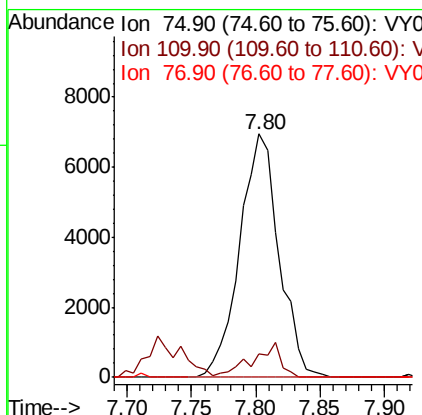
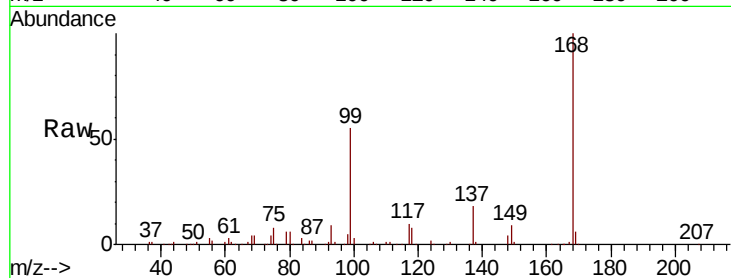




#36
 1,1-Dichloropropene
 Concen: 4.596 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000440.D
 Acq: 25 Oct 2019 19:34

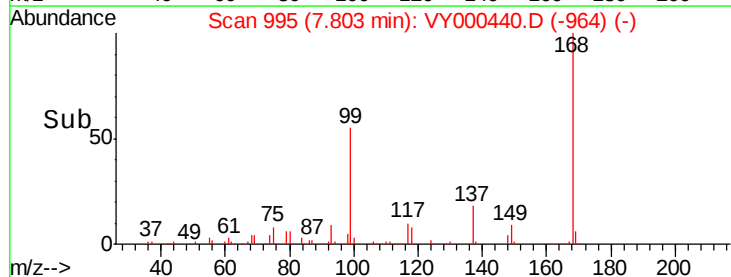
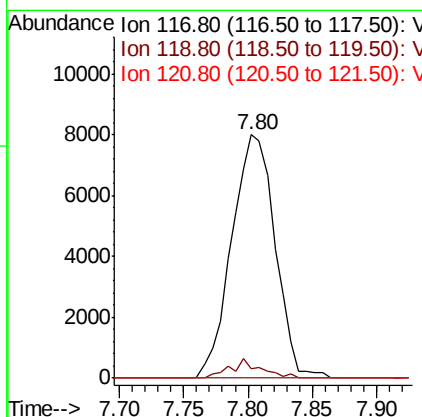
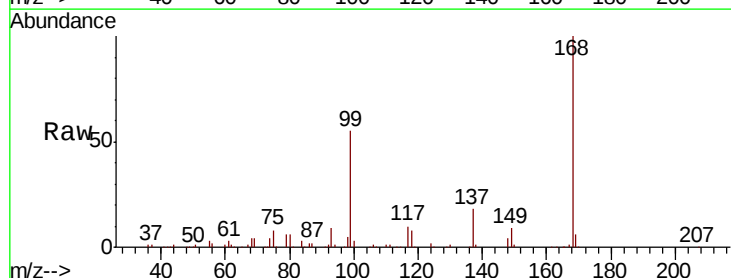
Instrument :
 MSVOA_Y
 ClientSampleId :

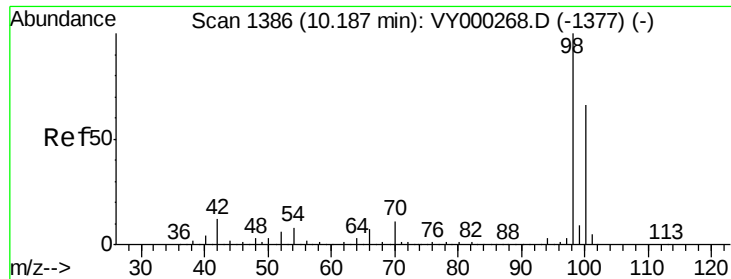
Tot Ion: 75 Resp: 14694
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.4 55.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 6.032 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000440.D
 Acq: 25 Oct 2019 19:34

Tgt Ion: 117 Resp: 18674
 Ion Ratio Lower Upper
 117 100
 119 3.6 72.8 109.2#
 121 0.0 22.2 33.2#





#50

Toluene-d8

Concen: 48.370 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000440.D

Acq: 25 Oct 2019 19:34

Instrument :

MSVOA_Y

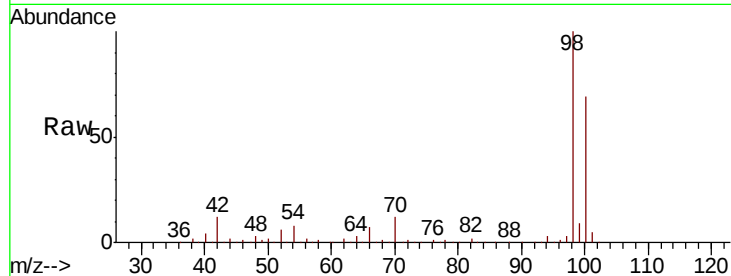
ClientSampleId :

Tot Ion: 98 Resp: 366529

Ion Ratio Lower Upper

98 100

100 67.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY000440.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY000440.D (-1377) (-)

250000

200000

150000

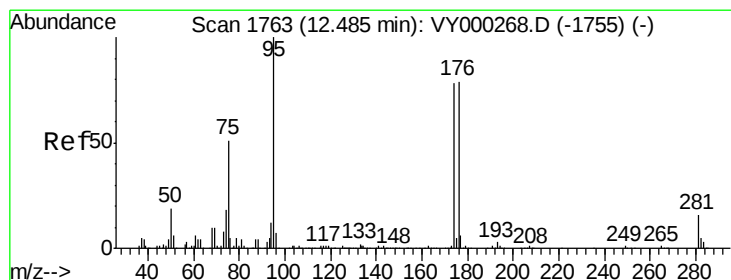
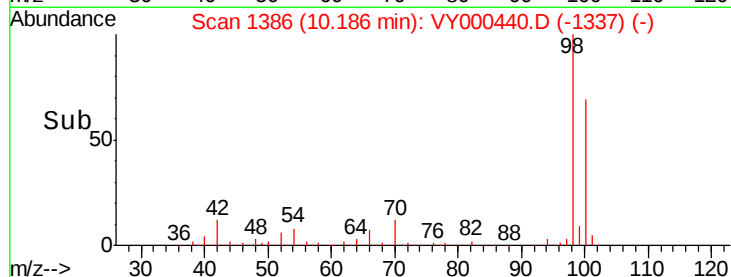
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 40.652 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000440.D

Acq: 25 Oct 2019 19:34

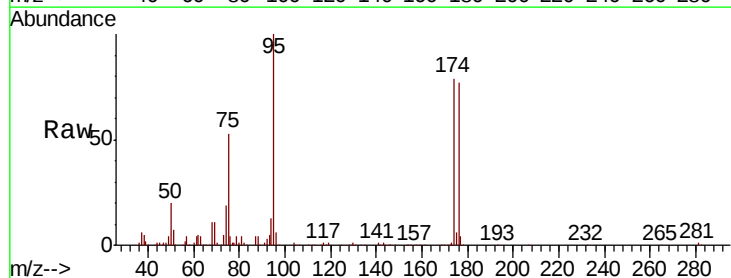
Tgt Ion: 95 Resp: 117030

Ion Ratio Lower Upper

95 100

174 82.6 0.0 159.6

176 81.2 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000440.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY000440.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY000440.D (-1714) (-)

100000

80000

60000

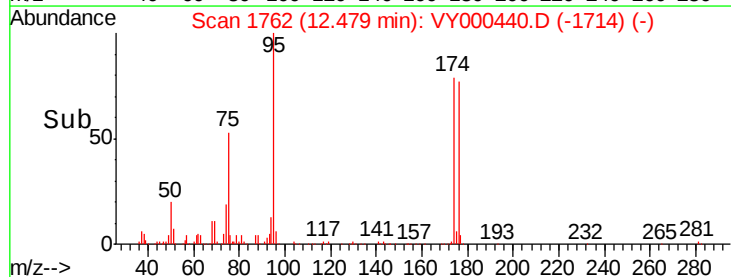
40000

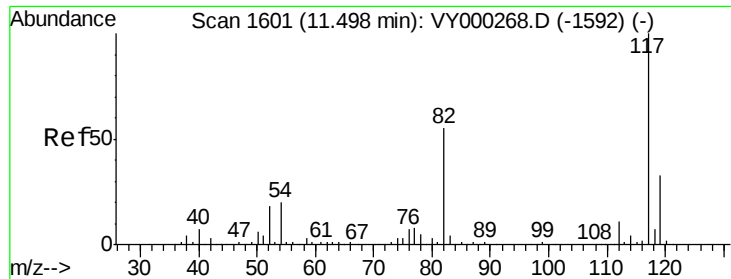
20000

0

12.40 12.45 12.50 12.55

Time-->

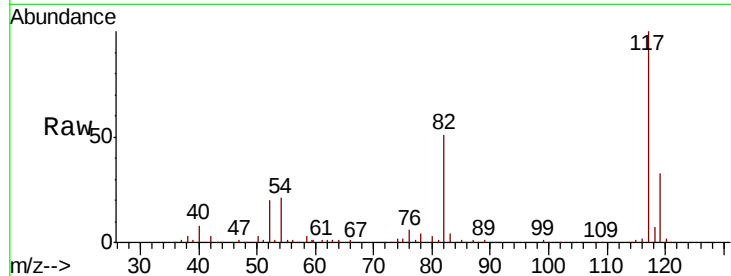




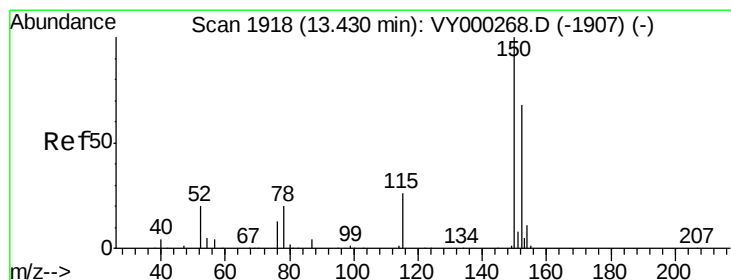
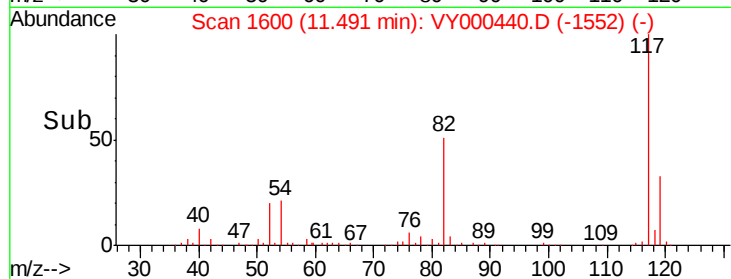
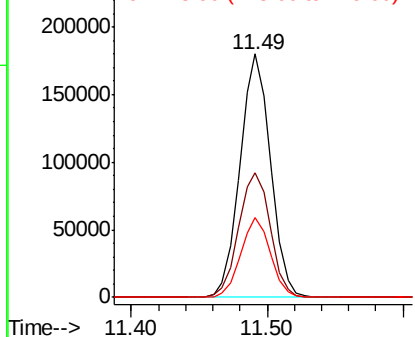
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000440.D
Acq: 25 Oct 2019 19:34

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 282008
Ion Ratio Lower Upper
117 100
82 51.4 43.7 65.5
119 32.7 26.6 39.8

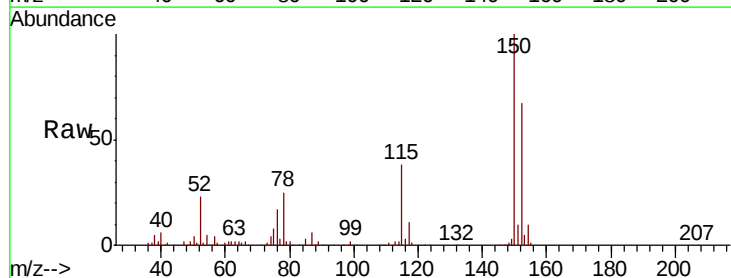


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

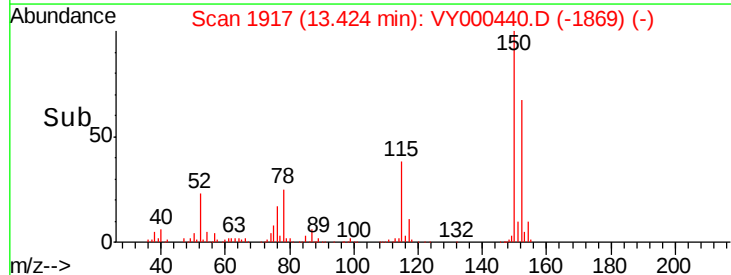
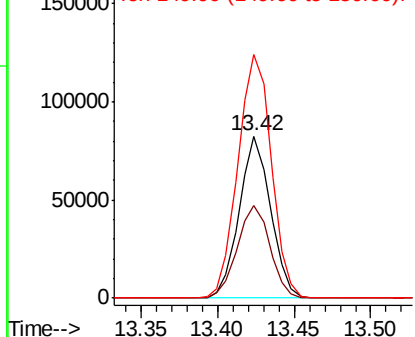


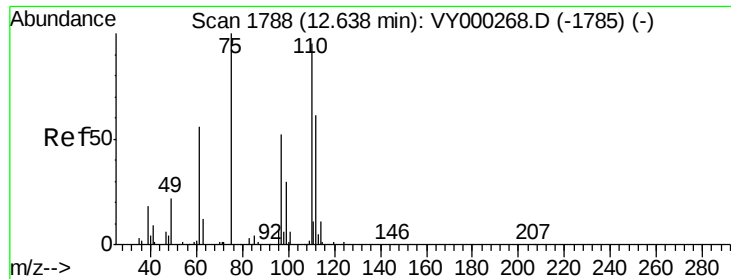
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000440.D
Acq: 25 Oct 2019 19:34

Tgt Ion:152 Resp: 117504
Ion Ratio Lower Upper
152 100
115 59.5 29.3 88.0
150 160.3 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: 43.869 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000440.D

Acq: 25 Oct 2019 19:34

Instrument :

MSVOA_Y

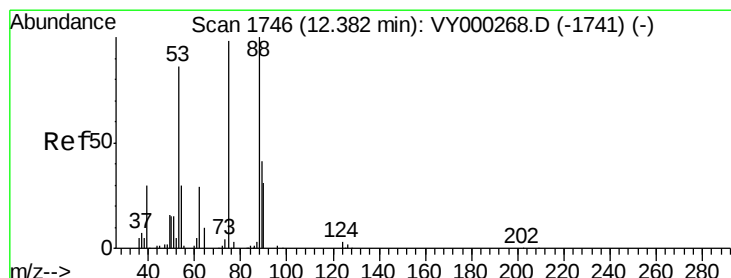
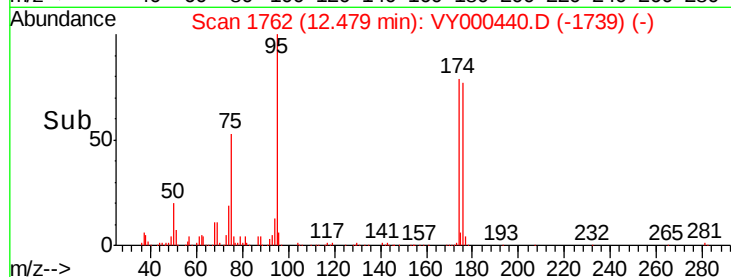
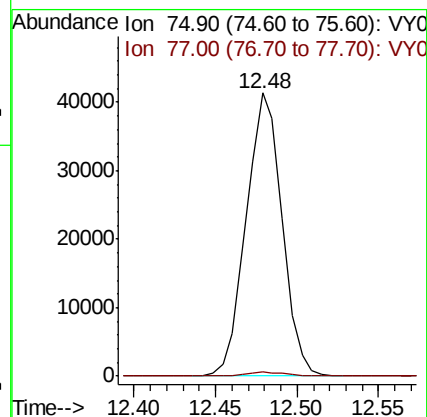
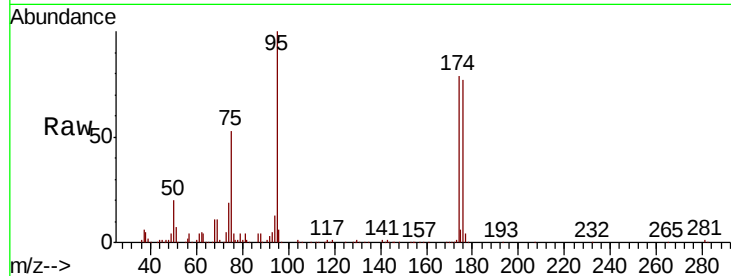
ClientSampleId :

Tot Ion: 75 Resp: 63386

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.983 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000440.D

Acq: 25 Oct 2019 19:34

Tgt Ion: 75 Resp: 63386

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.2 35.1 52.7#

