

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000417.D
 Acq On : 24 Oct 2019 18:08
 Operator : SY/MD
 Sample : K5499-08
 Misc : 4.44G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 06:41:24 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	206624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	347169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	286266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	105570	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	113438	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
35) Dibromofluoromethane	7.73	113	102326	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	10.18	98	396750	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.48	95	113547	37.10	ug/l	0.00
Spiked Amount			Recovery	=	74.20%	

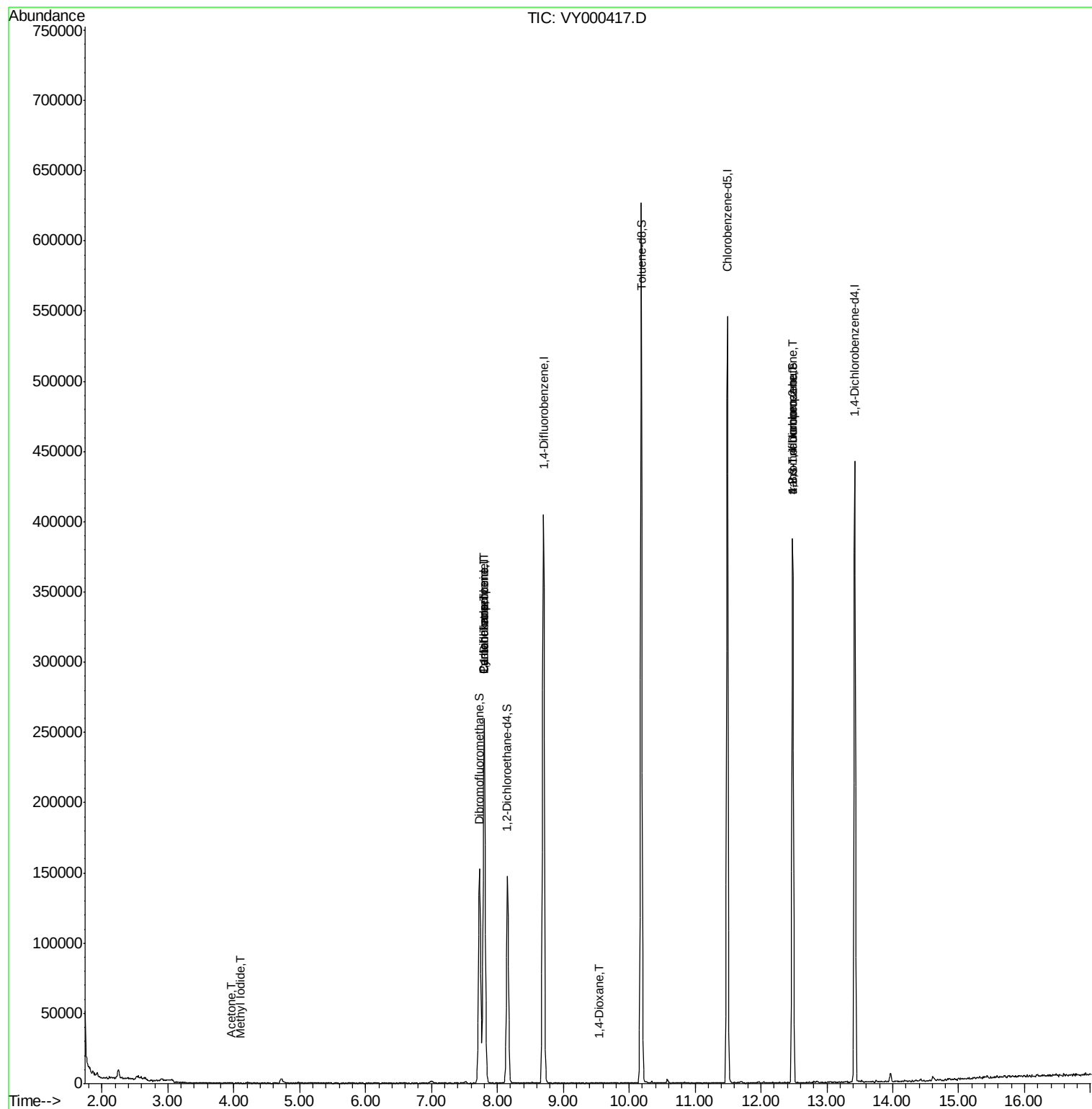
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.93	85	58	Below Cal	#	41
10) Methyl Iodide	4.10	142	89	1.215	ug/l #	41
16) Acetone	3.96	43	781	1.106	ug/l	92
20) Methylene Chloride	4.72	84	2262	Below Cal	#	72
31) Cyclohexane	7.80	56	4606	1.105	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	15192	4.470	ug/l #	49
38) Carbon Tetrachloride	7.80	117	19268	5.855	ug/l #	18
49) 1,4-Dioxane	9.53	88	21	1.039	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	59486	45.824	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	59486	100.260	ug/l #	14

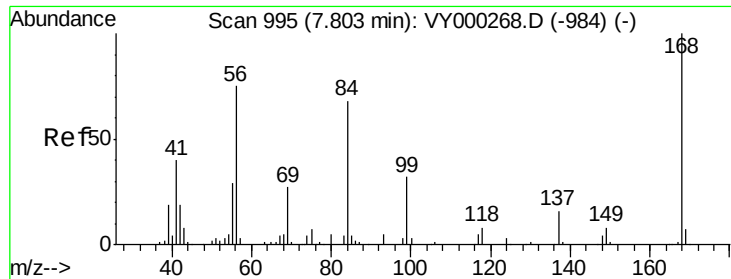
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Oct 25 06:41:24 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# 994

Delta R.T. -0.01 min

Lab File: VY000417.D

Acq: 24 Oct 2019 18:08

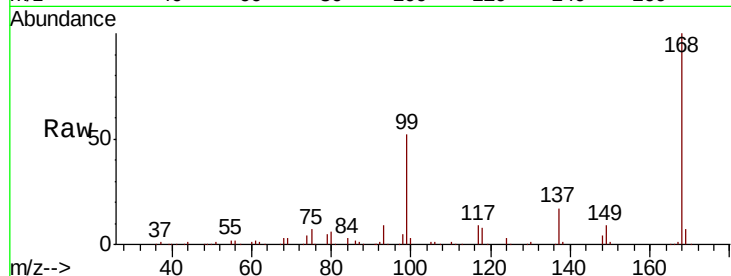
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 206624

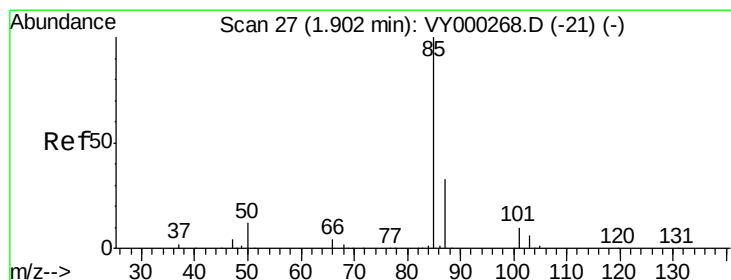
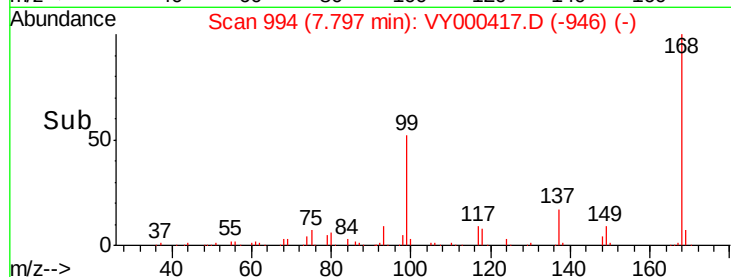
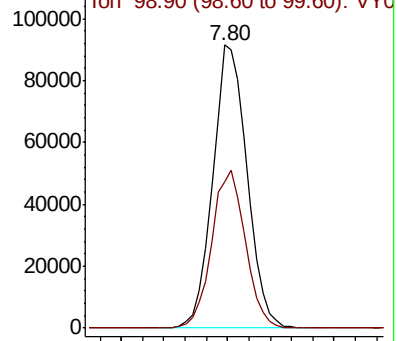
Ion Ratio Lower Upper

168 100

99 51.5 46.6 69.8



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



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.93 min Scan# 32

Delta R.T. 0.03 min

Lab File: VY000417.D

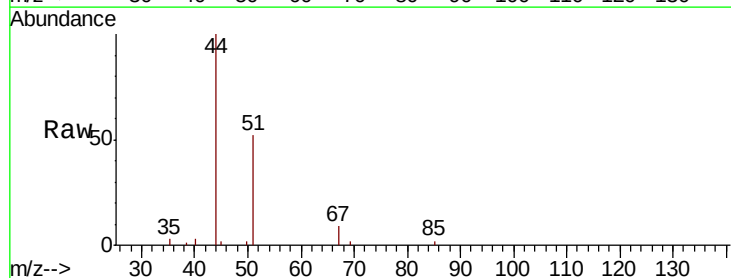
Acq: 24 Oct 2019 18:08

Tgt Ion: 85 Resp: 58

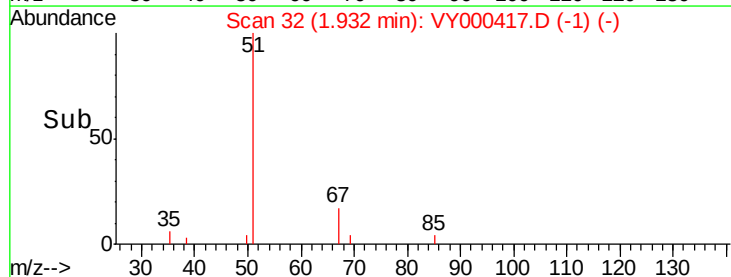
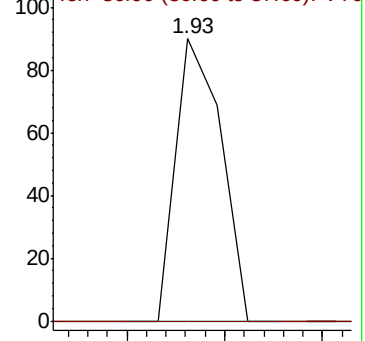
Ion Ratio Lower Upper

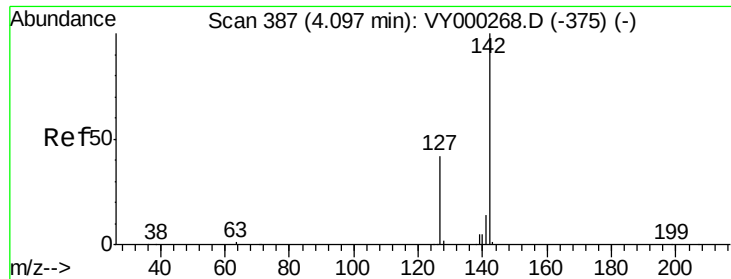
85 100

87 0.0 16.6 49.8#



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

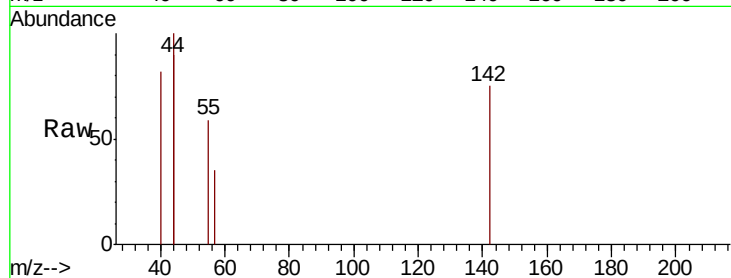




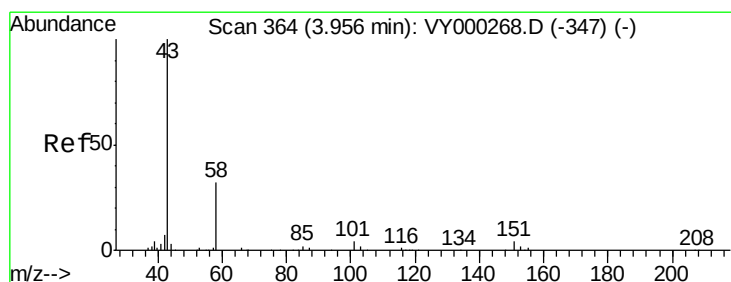
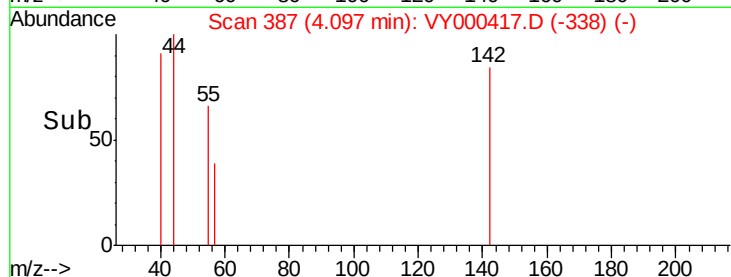
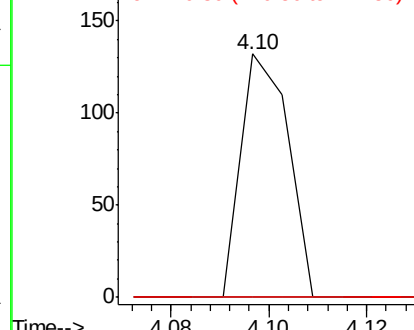
#10
Methvl Iodide
Concen: 1.215 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.00 min
Lab File: VY000417.D
Acq: 24 Oct 2019 18:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:142 Resp: 89
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#

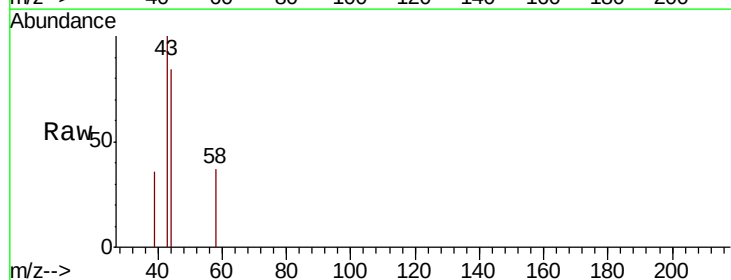


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

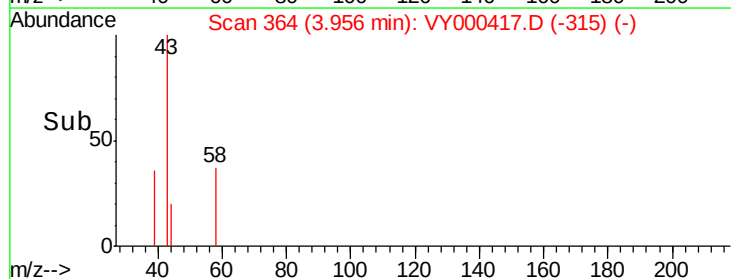
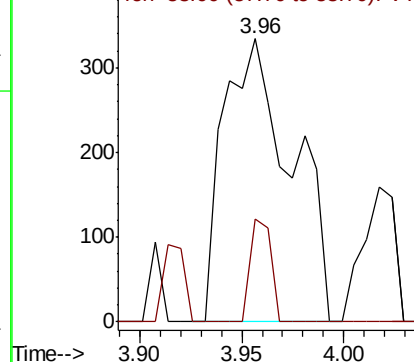


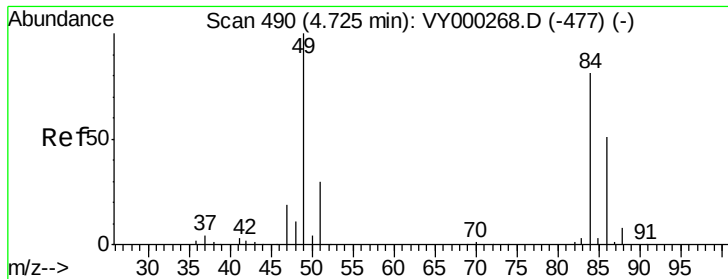
#16
Acetone
Concen: 1.106 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.00 min
Lab File: VY000417.D
Acq: 24 Oct 2019 18:08

Tgt Ion: 43 Resp: 781
Ion Ratio Lower Upper
43 100
58 36.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

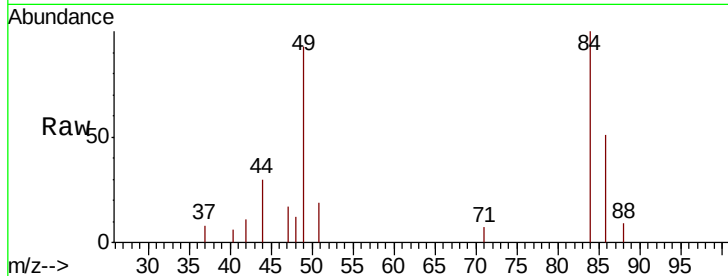




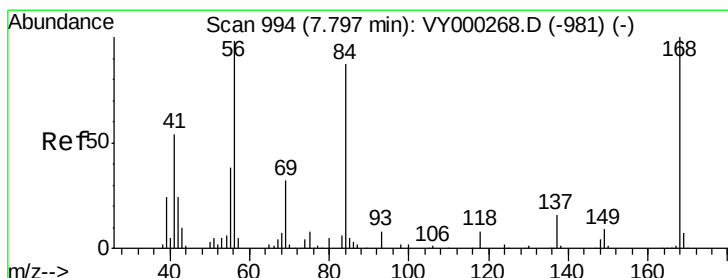
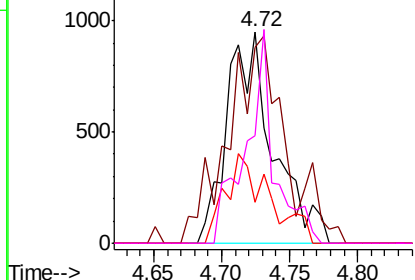
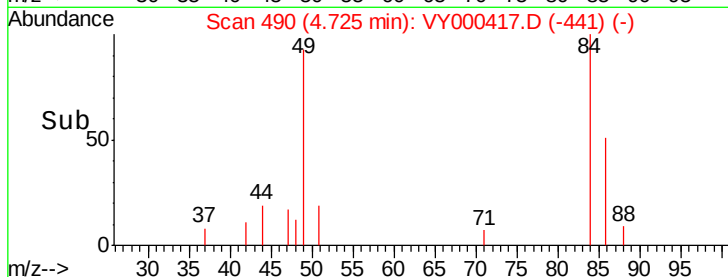
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000417.D
Acq: 24 Oct 2019 18:08

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 84 Resp: 2262
Ion Ratio Lower Upper
84 100
49 84.6 99.0 148.4#
51 19.2 29.3 43.9#
86 50.7 50.2 75.4

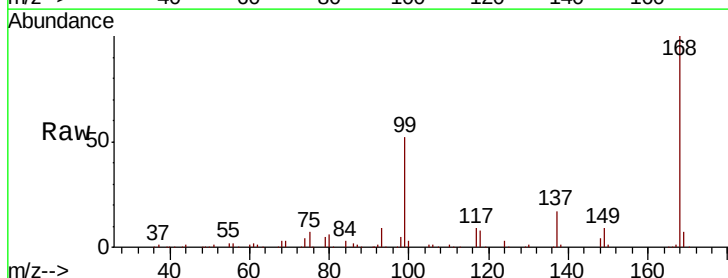


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

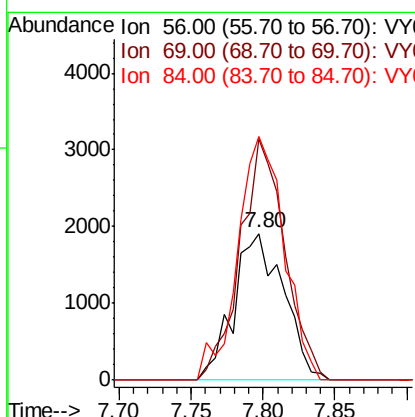
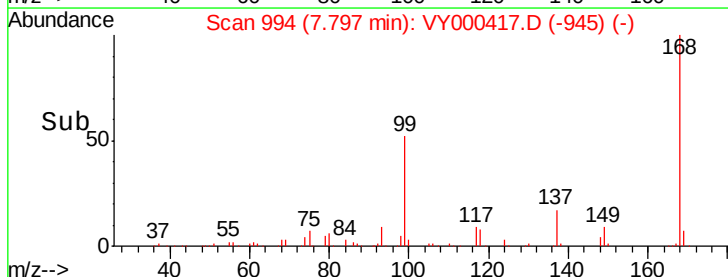


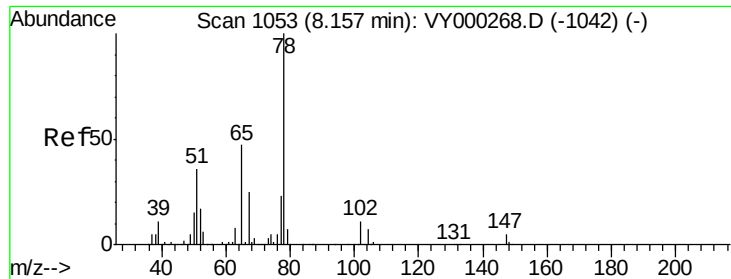
#31
Cyclohexane
Concen: 1.105 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY000417.D
Acq: 24 Oct 2019 18:08

Tgt Ion: 56 Resp: 4606
Ion Ratio Lower Upper
56 100
69 164.4 26.3 39.5#
84 166.0 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

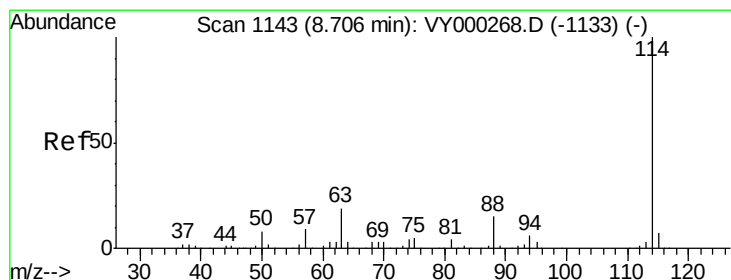
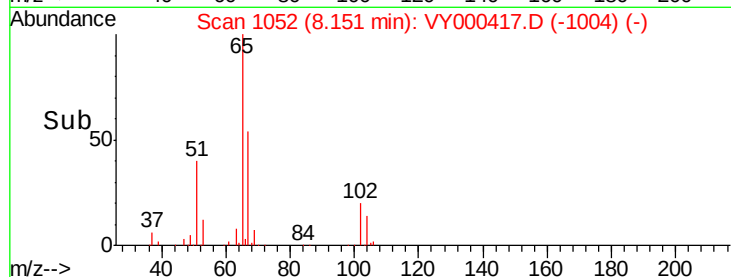
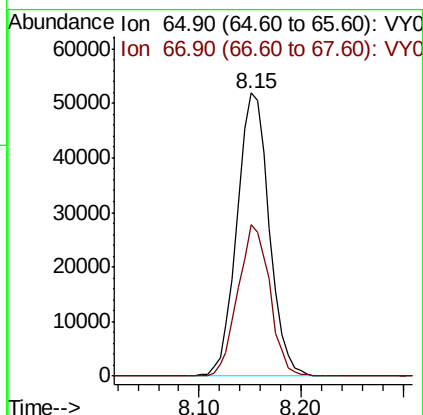
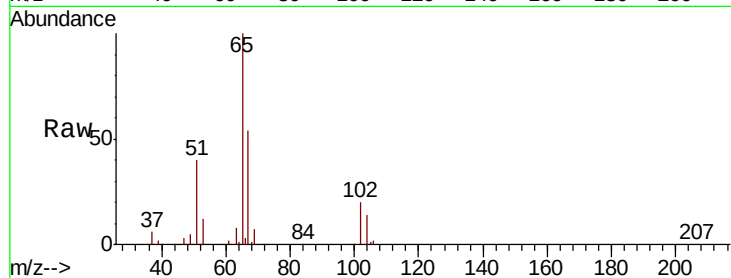




#33
 1,2-Dichloroethane-d4
 Concen: 52.046 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000417.D
 Acq: 24 Oct 2019 18:08

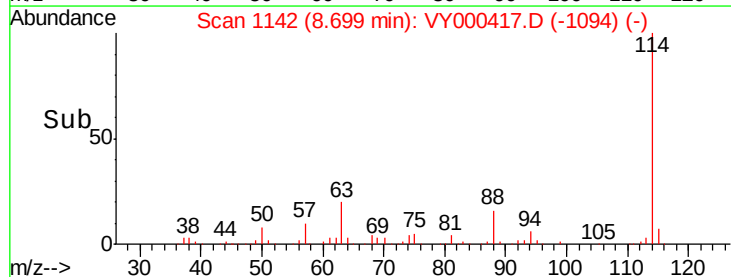
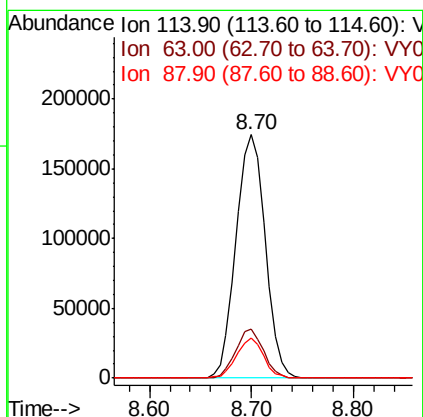
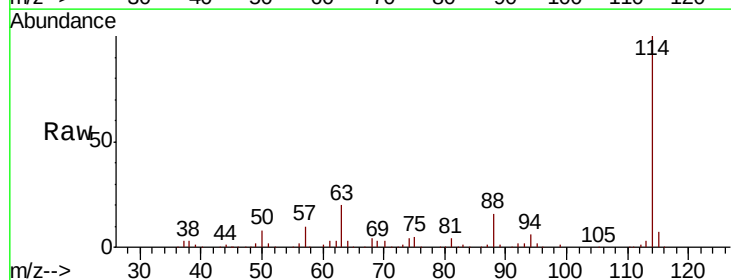
Instrument :
 MSVOA_Y
 ClientSampleId :

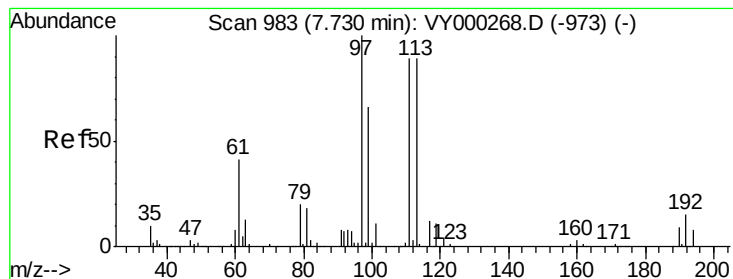
Tot Ion: 65 Resp: 113438
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000417.D
 Acq: 24 Oct 2019 18:08

Tgt Ion: 114 Resp: 347169
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.2
 88 16.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.863 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000417.D

Acq: 24 Oct 2019 18:08

Instrument :
MSVOA_Y
ClientSampled :

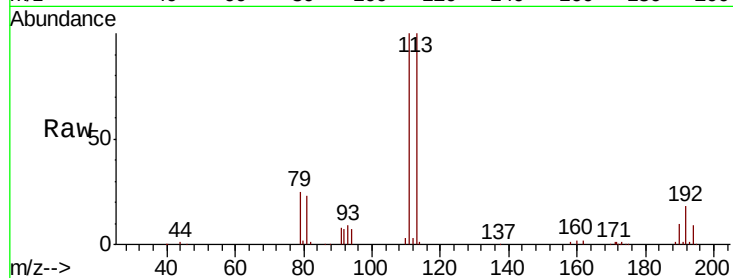
Tot Ion:113 Resp: 102326

Ion Ratio Lower Upper

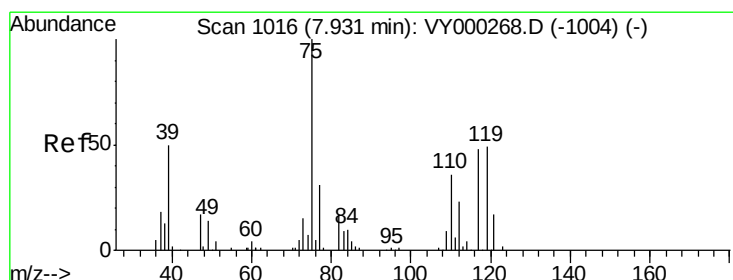
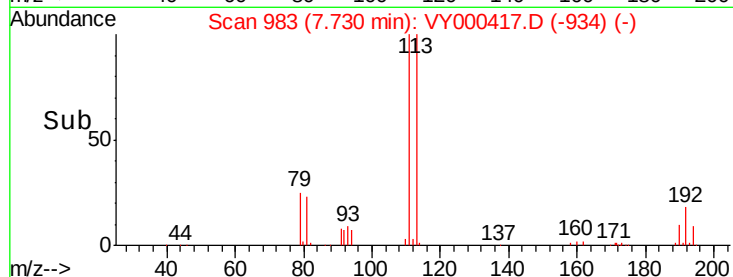
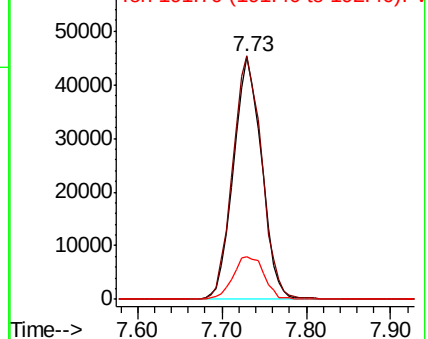
113 100

111 103.5 81.6 122.4

192 19.1 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: 4.470 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000417.D

Acq: 24 Oct 2019 18:08

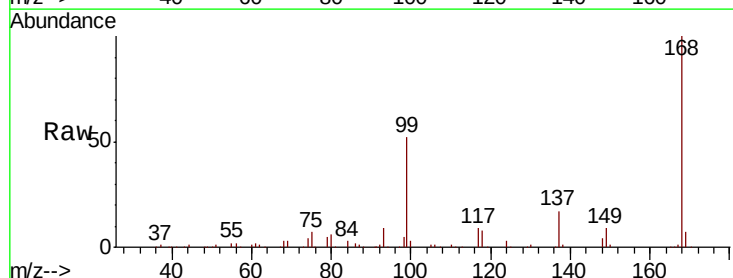
Tgt Ion: 75 Resp: 15192

Ion Ratio Lower Upper

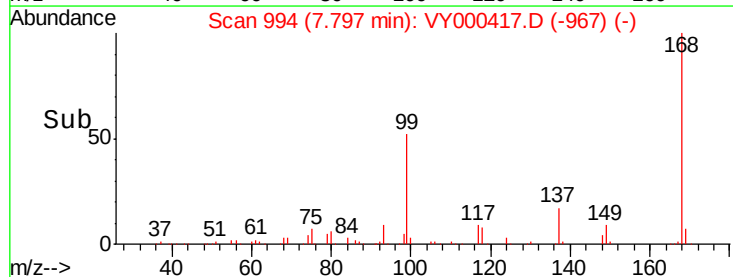
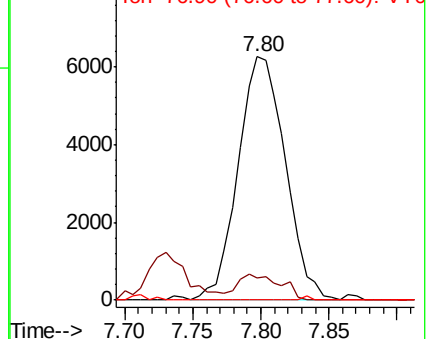
75 100

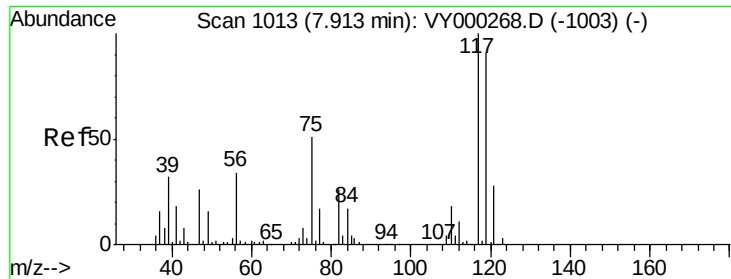
110 9.6 18.4 55.4#

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: 5.855 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY000417.D

Acq: 24 Oct 2019 18:08

Instrument :

MSVOA_Y

ClientSampled :

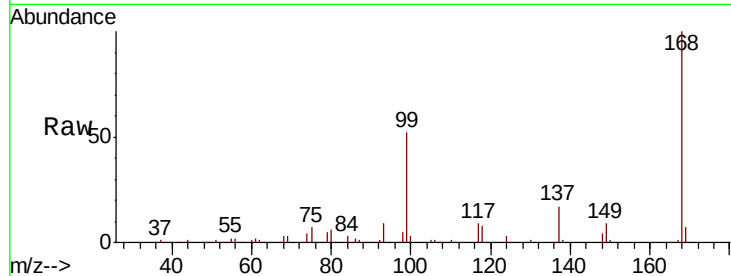
Tot Ion:117 Resp: 19268

Ion Ratio Lower Upper

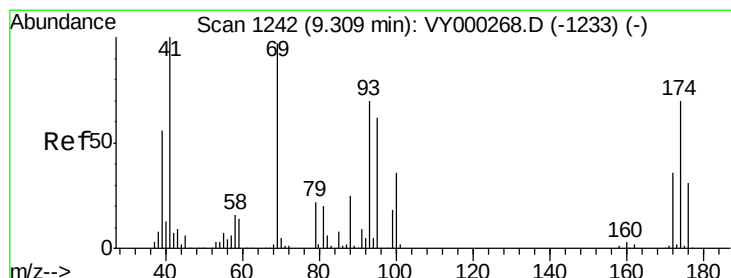
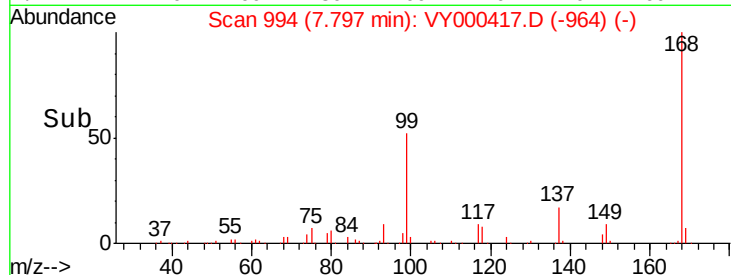
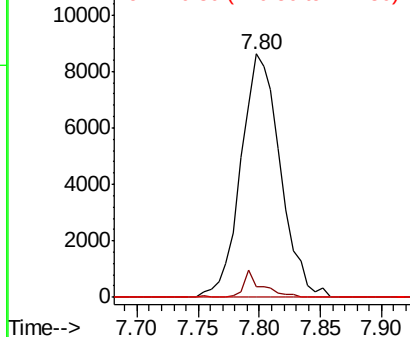
117 100

119 4.5 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



#49

1,4-Dioxane

Concen: 1.039 ug/l

RT: 9.53 min Scan# 1279

Delta R.T. 0.23 min

Lab File: VY000417.D

Acq: 24 Oct 2019 18:08

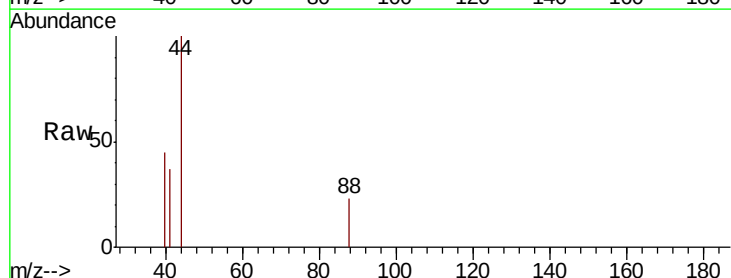
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

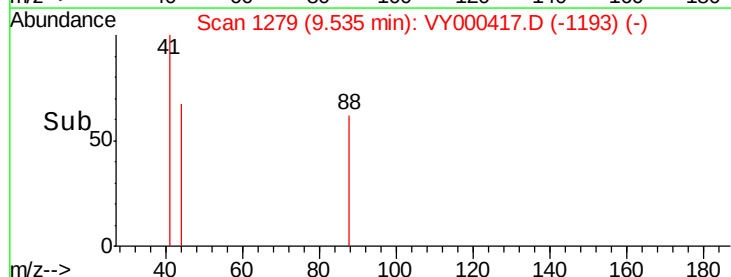
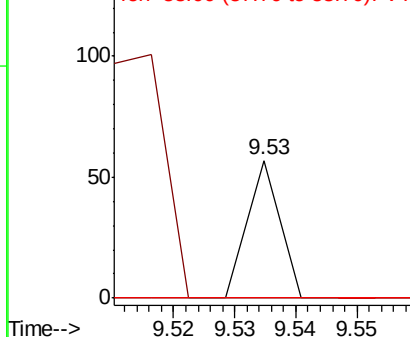
88 100

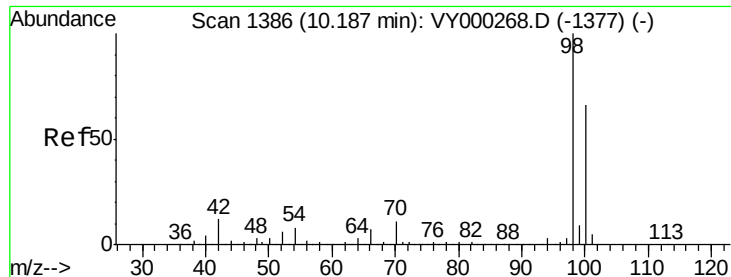
43 490.5 25.6 38.4#

58 0.0 54.6 81.8#



Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 49.251 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000417.D

Acq: 24 Oct 2019 18:08

Instrument :

MSVOA_Y

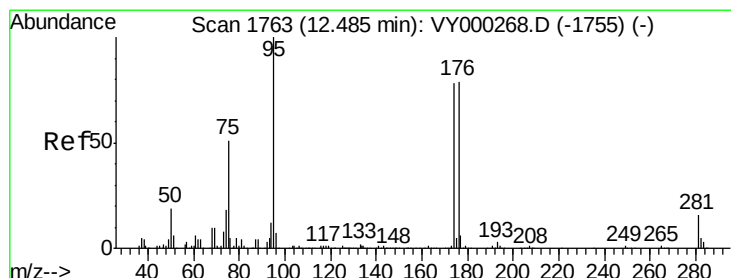
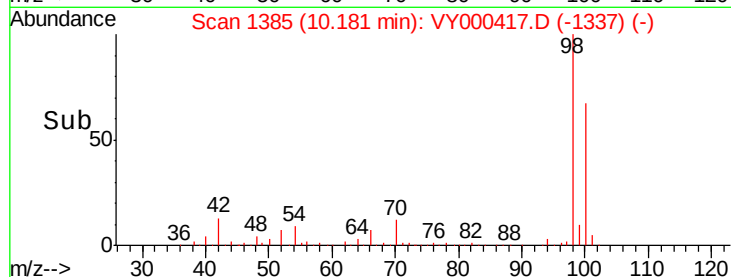
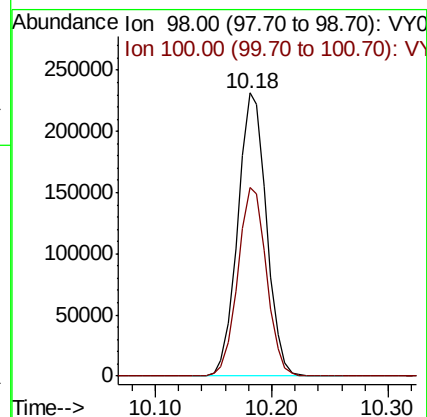
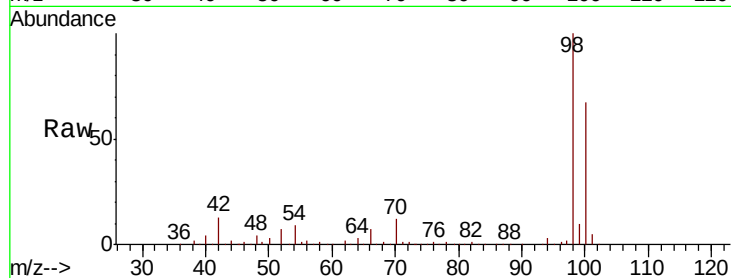
ClientSampled :

Tot Ion: 98 Resp: 396750

Ion Ratio Lower Upper

98 100

100 66.5 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 37.102 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000417.D

Acq: 24 Oct 2019 18:08

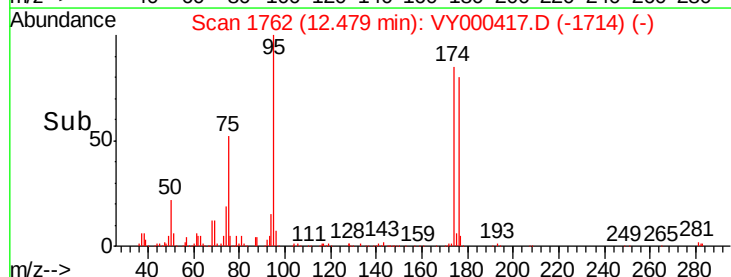
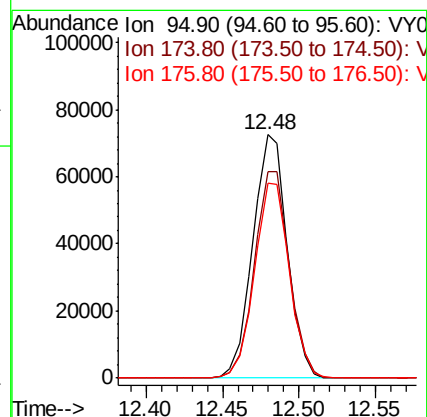
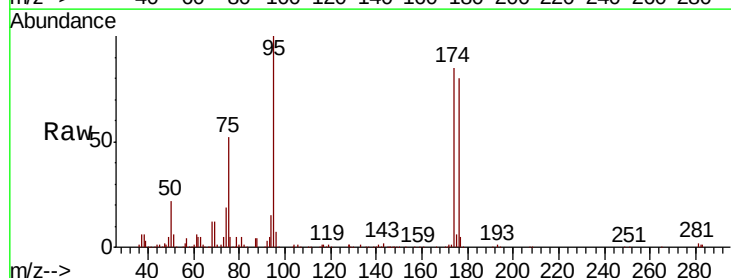
Tgt Ion: 95 Resp: 113547

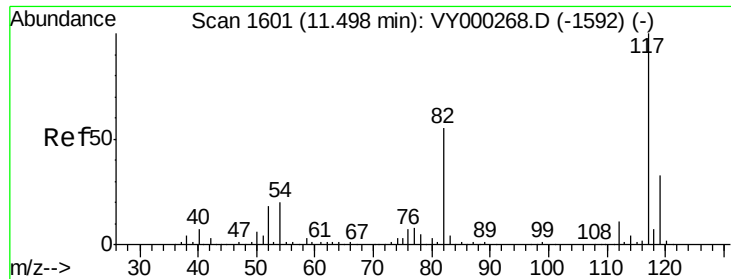
Ion Ratio Lower Upper

95 100

174 85.7 0.0 159.6

176 81.0 0.0 153.8

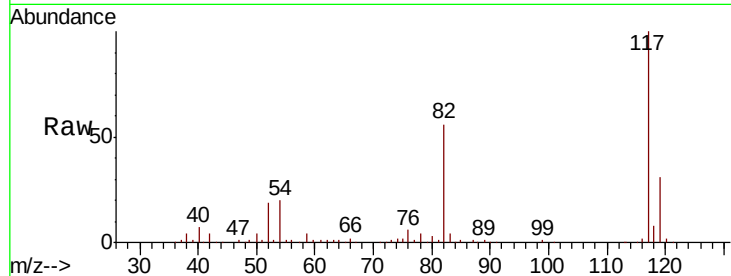




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000417.D
Acq: 24 Oct 2019 18:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.7	65.5
119	31.3	26.6	39.8

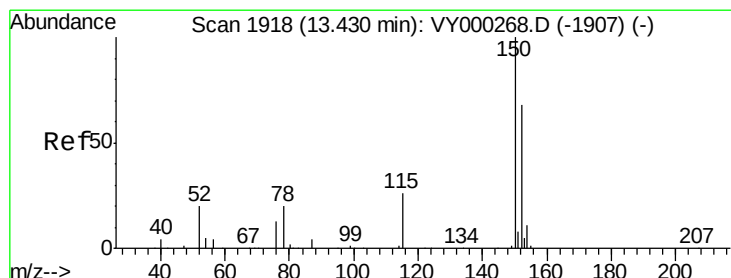
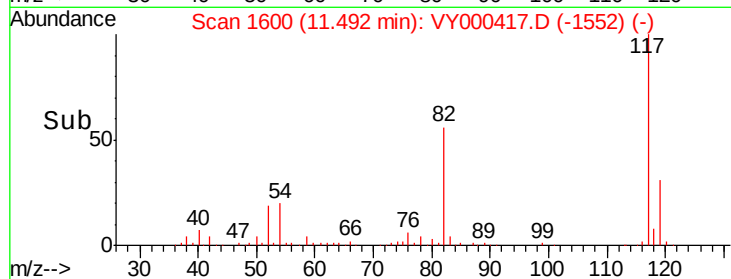
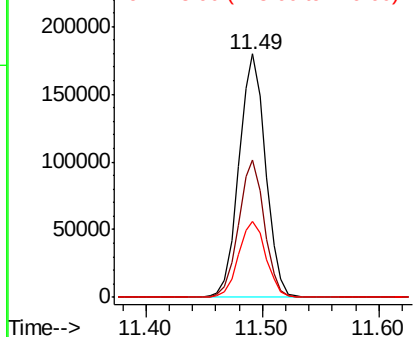


Abundance

Ion 116.90 (116.60 to 117.60): V

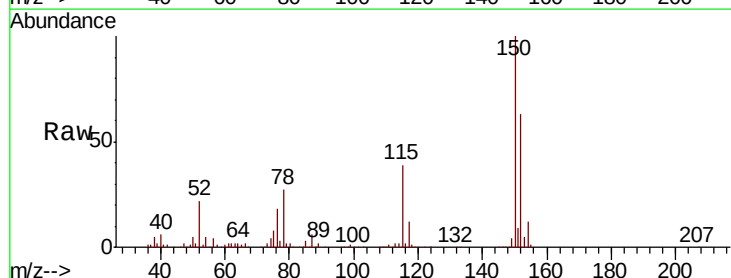
Ion 82.00 (81.70 to 82.70): VY0

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: VY000417.D
Acq: 24 Oct 2019 18:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.3	88.0
150	156.6	0.0	348.4

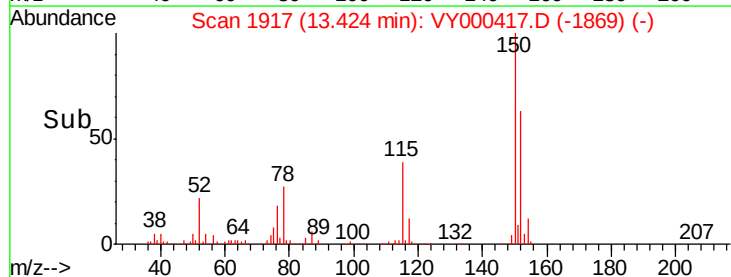
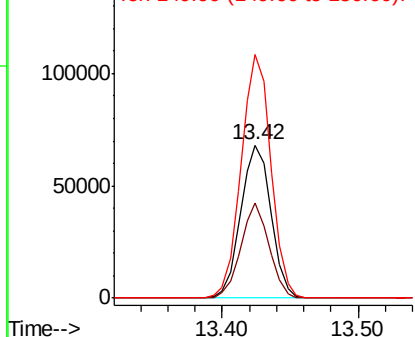


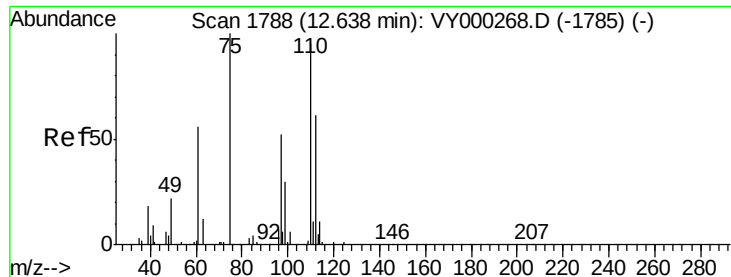
Abundance

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: 45.824 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000417.D

Acq: 24 Oct 2019 18:08

Instrument :

MSVOA_Y

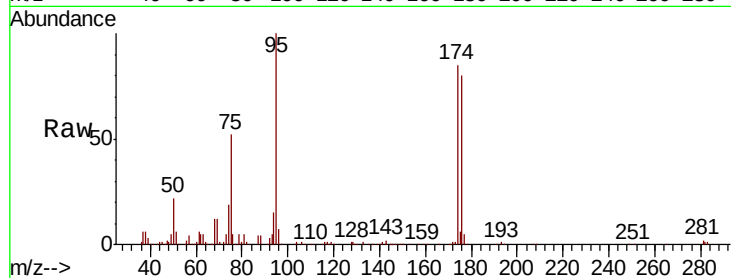
ClientSampleId :

Tot Ion: 75 Resp: 59486

Ion Ratio Lower Upper

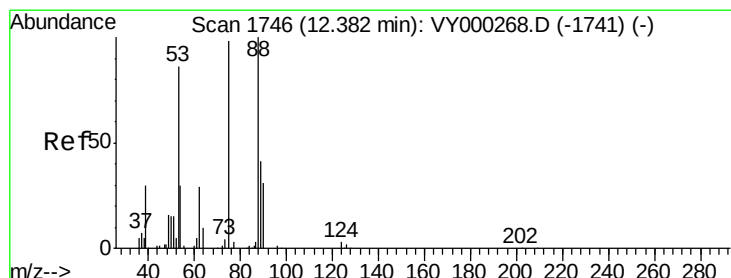
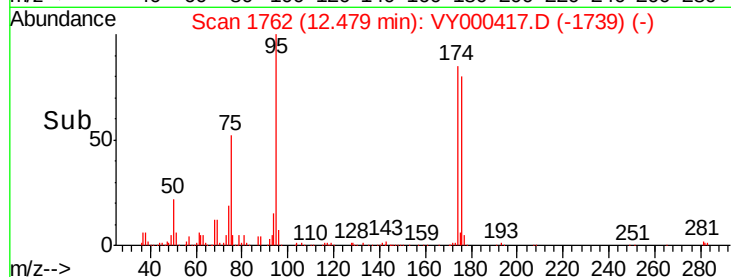
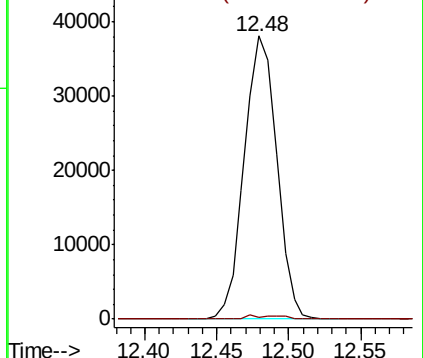
75 100

77 1.6 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: 100.260 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000417.D

Acq: 24 Oct 2019 18:08

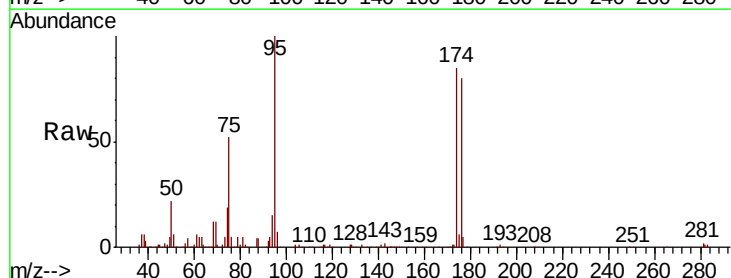
Tgt Ion: 75 Resp: 59486

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.1 35.1 52.7#



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

