

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000407.D
 Acq On : 24 Oct 2019 14:18
 Operator : SY/MD
 Sample : K5499-04
 Misc : 4.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 06:38:40 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

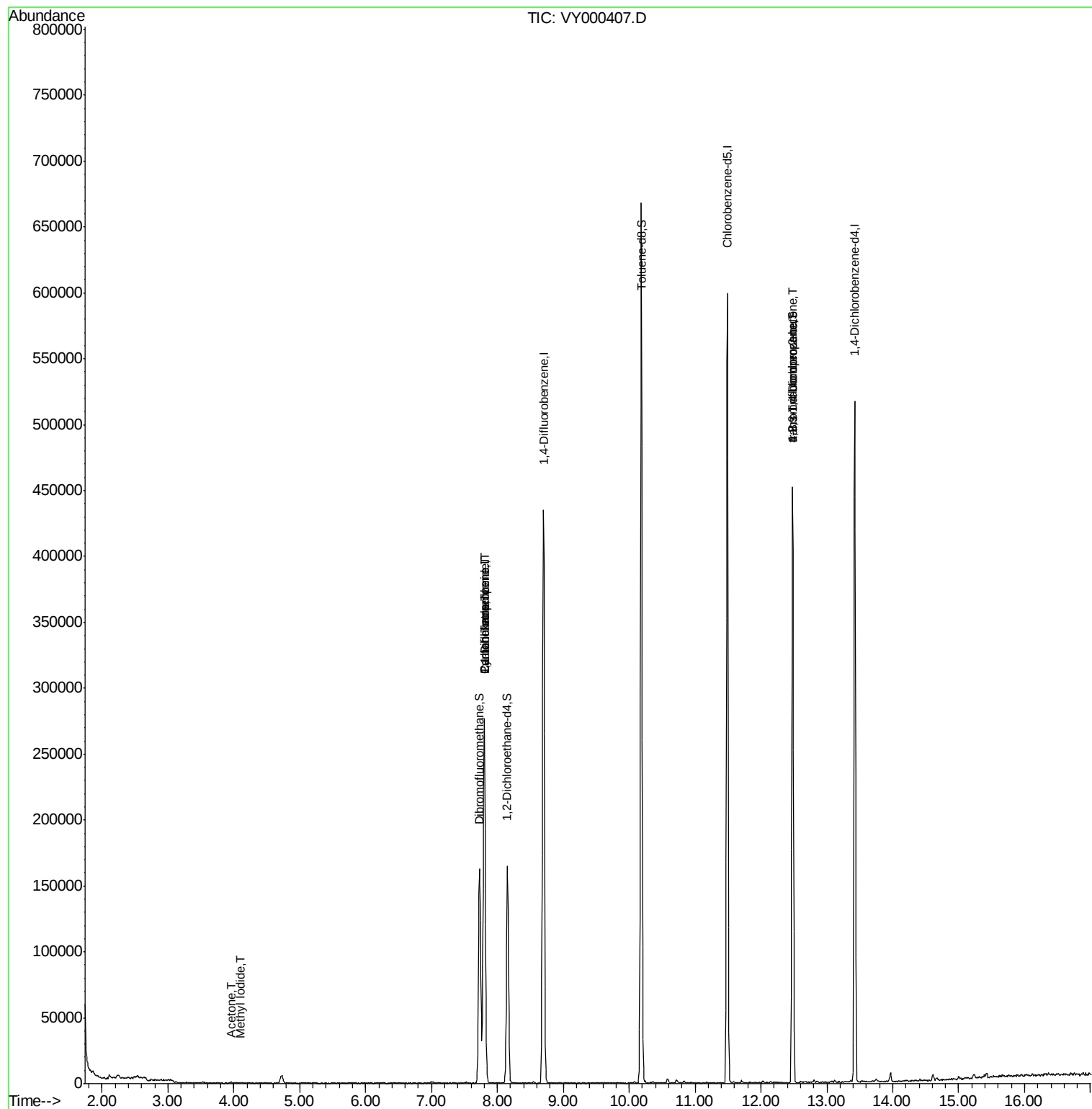
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	223498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	379236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	313420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	124698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	126173	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
35) Dibromofluoromethane	7.73	113	111362	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	10.18	98	435801	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.48	95	130729	39.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.20%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	22	Below Cal	#	1
10) Methyl Iodide	4.09	142	72	1.207	ug/l #	41
16) Acetone	3.96	43	1128	1.477	ug/l #	87
20) Methylene Chloride	4.71	84	2143	Below Cal	#	87
31) Cyclohexane	7.80	56	5396	1.196	ug/l #	40
36) 1,1-Dichloropropene	7.80	75	16663	4.488	ug/l #	45
38) Carbon Tetrachloride	7.80	117	20941	5.825	ug/l #	21
76) 1,2,3-Trichloropropane	12.48	75	71232	46.455	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	71232	101.641	ug/l #	14

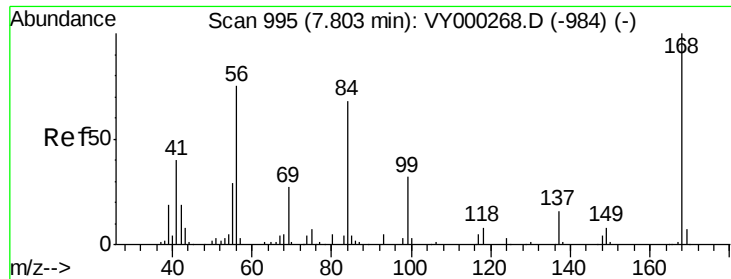
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
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MSVOA_Y
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Quant Time: Oct 25 06:38:40 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: VY000407.D

Acq: 24 Oct 2019 14:18

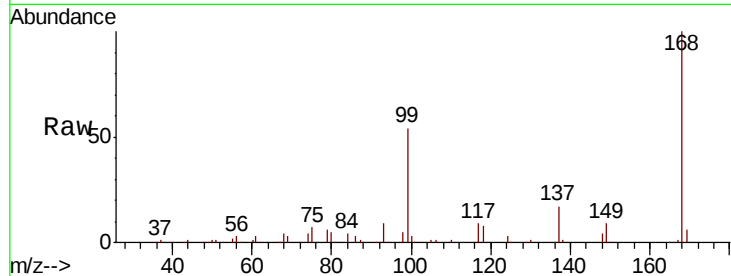
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 223498

Ion Ratio Lower Upper

168 100

99 54.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000407.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000407.D (-946) (-)

7.80

100000

80000

60000

40000

20000

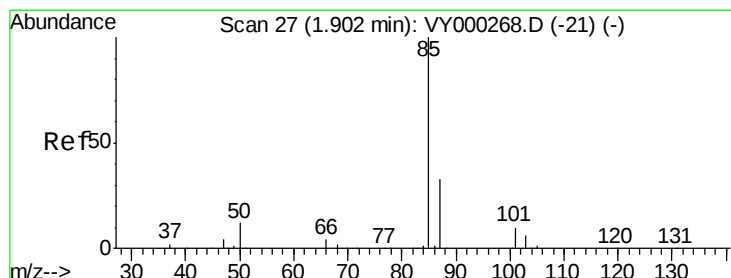
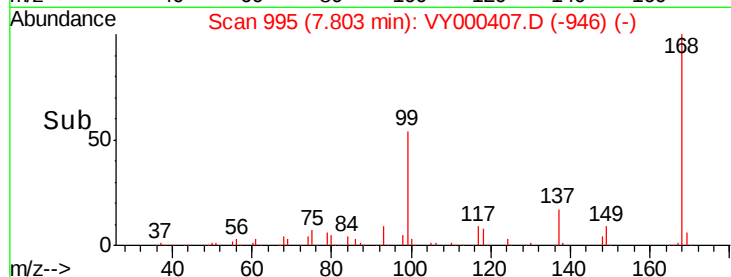
0

Time-->

7.70

7.80

7.90



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.90 min Scan# 26

Delta R.T. -0.01 min

Lab File: VY000407.D

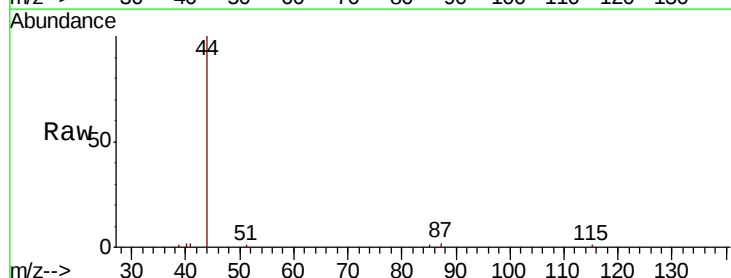
Acq: 24 Oct 2019 14:18

Tgt Ion: 85 Resp: 22

Ion Ratio Lower Upper

85 100

87 172.1 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000407.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000407.D (-1) (-)

120

100

80

60

40

20

0

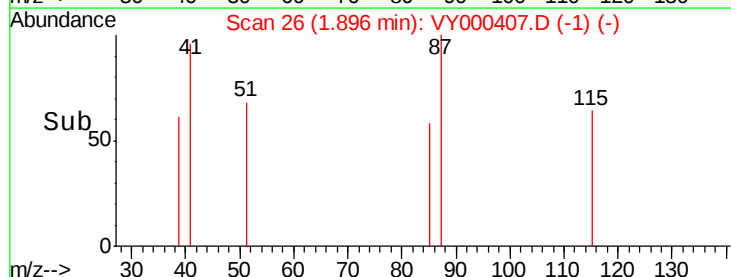
Time-->

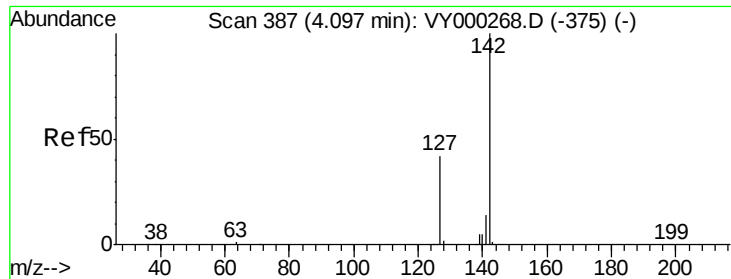
1.88

1.89

1.90

1.91

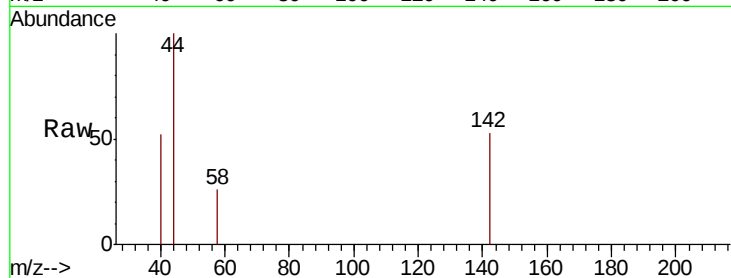




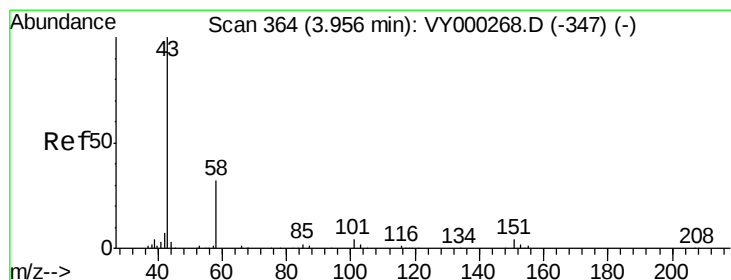
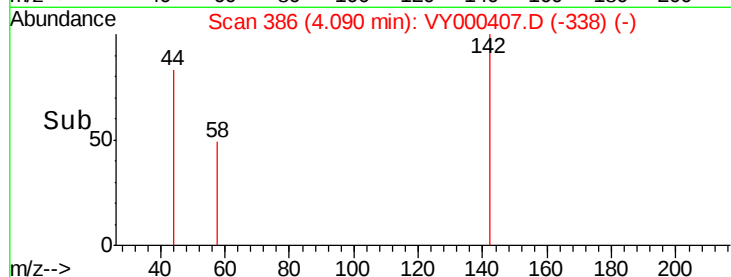
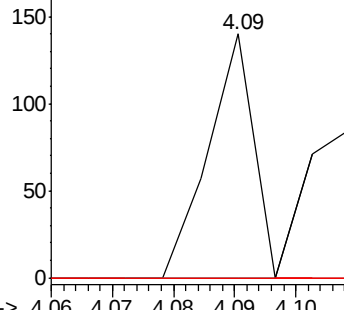
#10
Methvl Iodide
Concen: 1.207 ug/l
RT: 4.09 min Scan# 386
Delta R.T. -0.01 min
Lab File: VY000407.D
Acq: 24 Oct 2019 14:18

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#

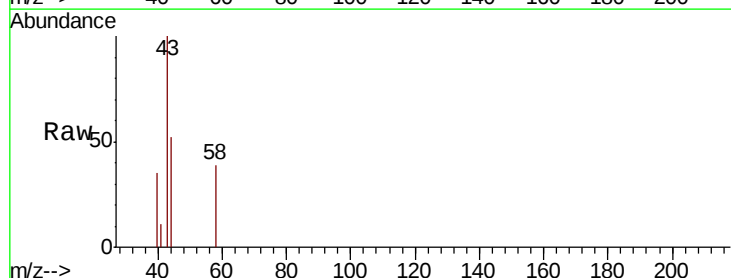


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

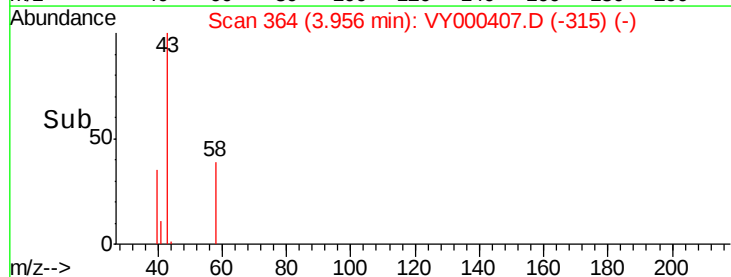
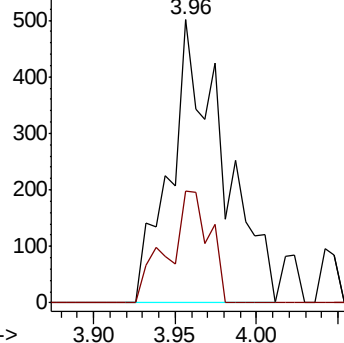


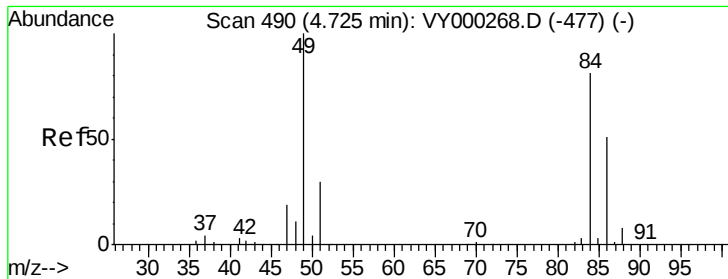
#16
Acetone
Concen: 1.477 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.00 min
Lab File: VY000407.D
Acq: 24 Oct 2019 14:18

Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
58 39.3 25.8 38.6#



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

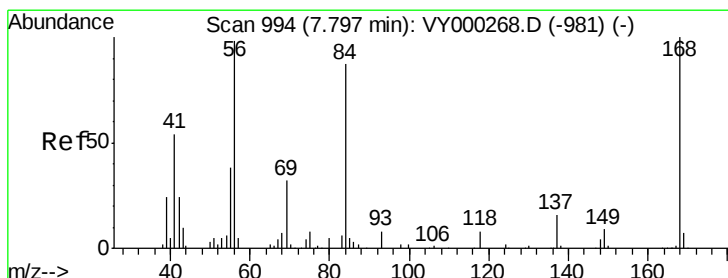
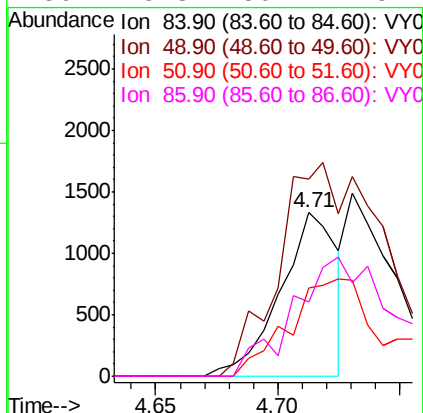
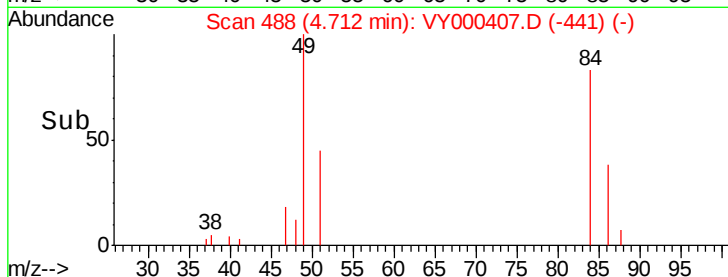
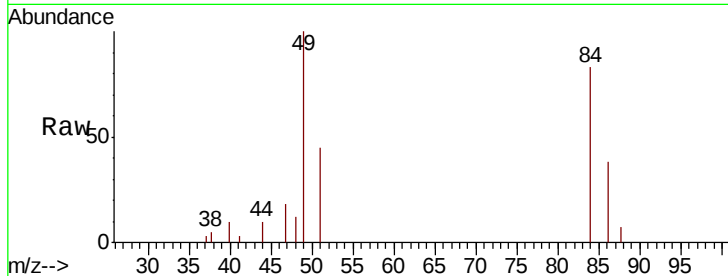




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY000407.D
Acq: 24 Oct 2019 14:18

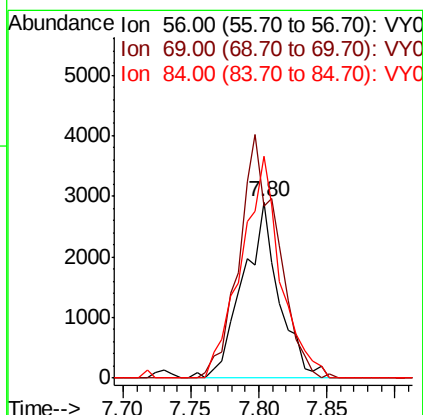
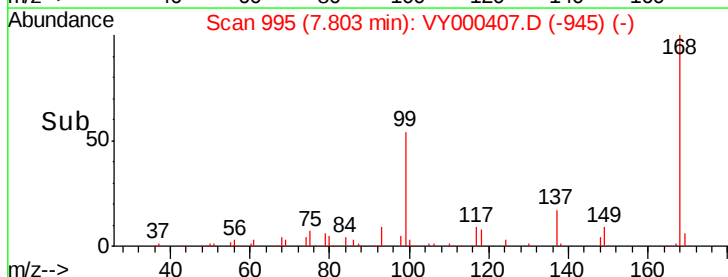
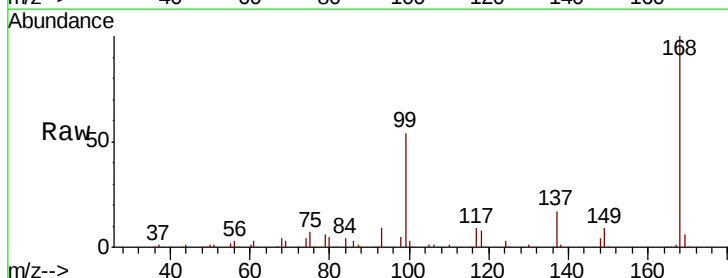
Instrument :
MSVOA_Y
ClientSampleId :

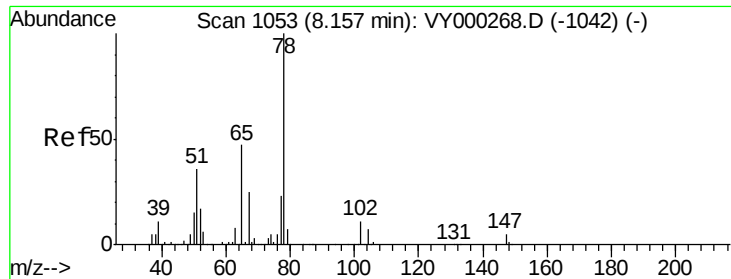
Tot Ion: 84 Resp: 2143
Ion Ratio Lower Upper
84 100
49 120.5 99.0 148.4
51 54.1 29.3 43.9#
86 45.3 50.2 75.4#



#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000407.D
Acq: 24 Oct 2019 14:18

Tgt Ion: 56 Resp: 5396
Ion Ratio Lower Upper
56 100
69 97.7 26.3 39.5#
84 126.0 70.8 106.2#

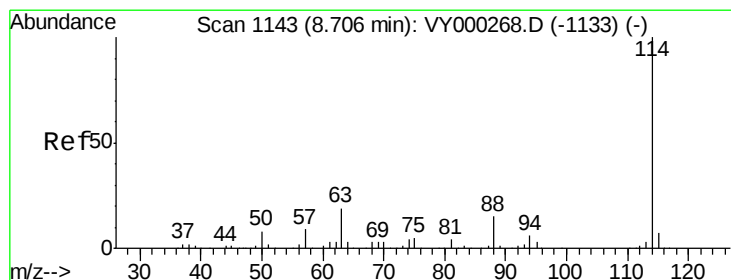
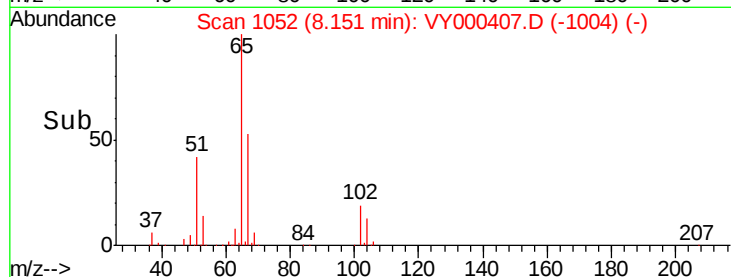
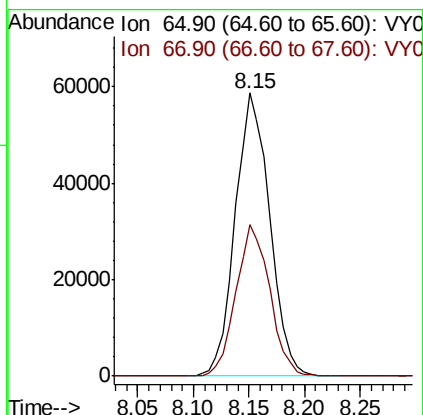
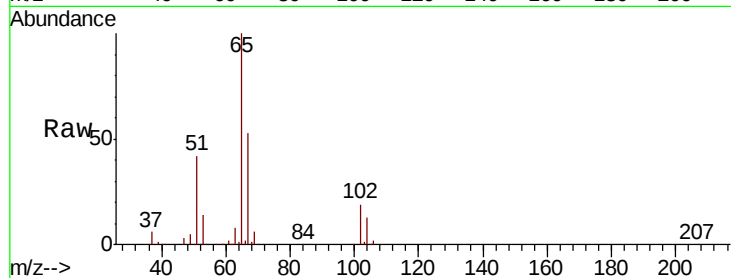




#33
 1,2-Dichloroethane-d4
 Concen: 53.519 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000407.D
 Acq: 24 Oct 2019 14:18

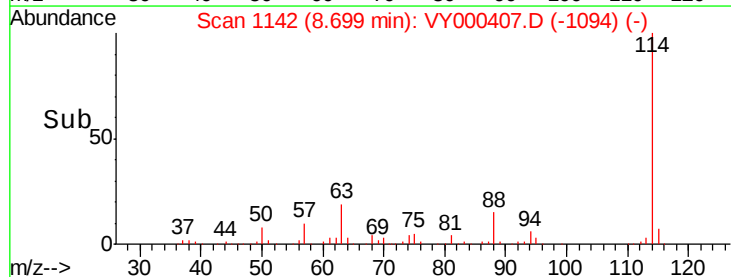
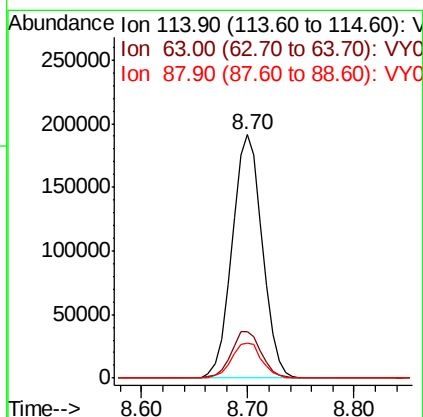
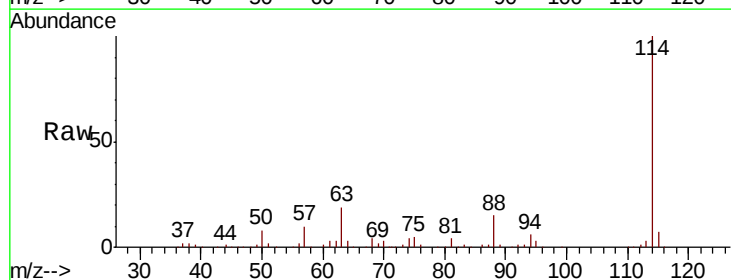
Instrument :
 MSVOA_Y
 ClientSampleId :

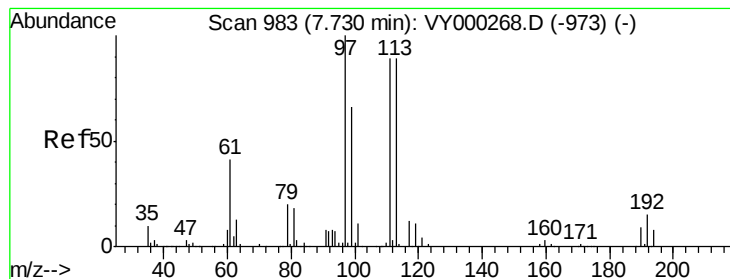
Tot Ion: 65 Resp: 126173
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000407.D
 Acq: 24 Oct 2019 14:18

Tgt Ion: 114 Resp: 379236
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.2
 88 14.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.681 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000407.D

Acq: 24 Oct 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

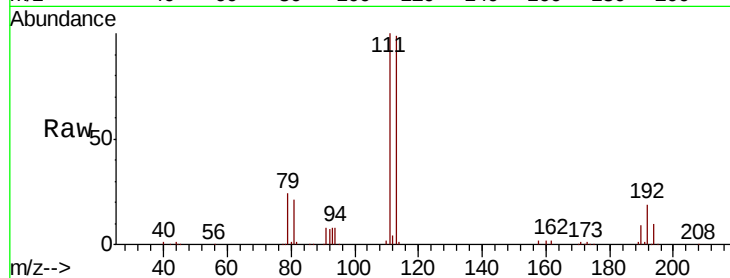
Tot Ion:113 Resp: 111362

Ion Ratio Lower Upper

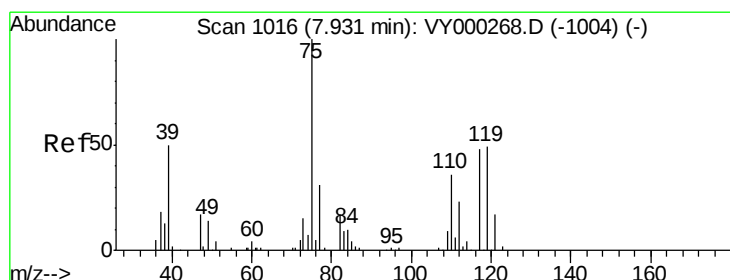
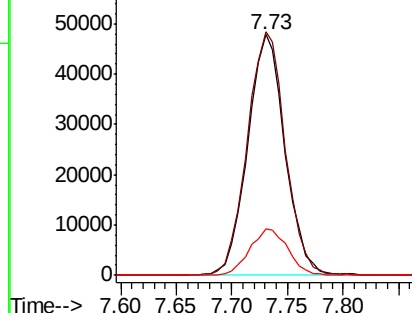
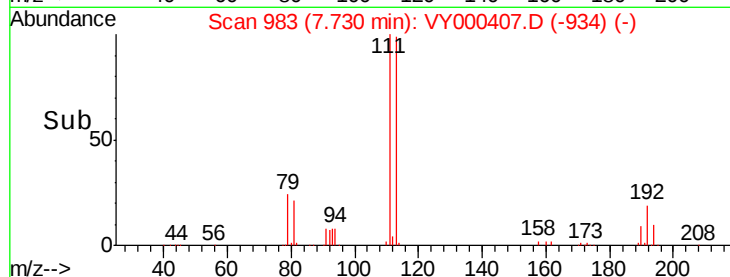
113 100

111 103.4 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: 4.488 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000407.D

Acq: 24 Oct 2019 14:18

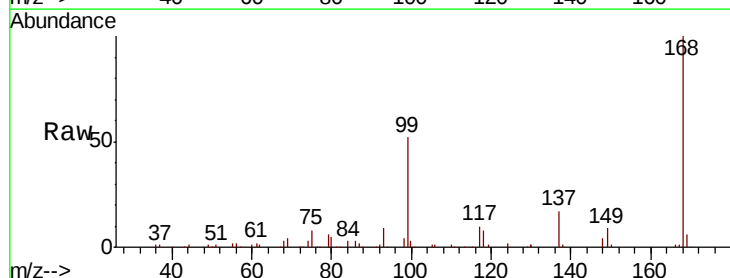
Tgt Ion: 75 Resp: 16663

Ion Ratio Lower Upper

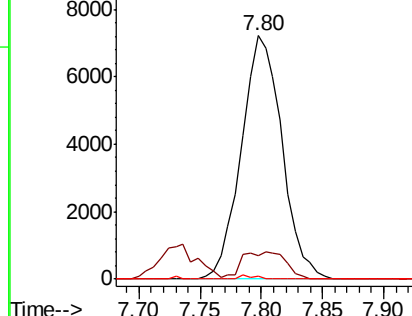
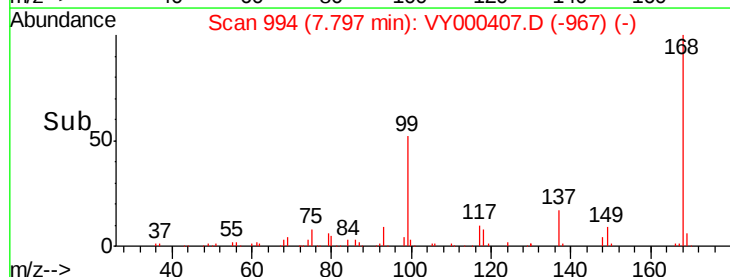
75 100

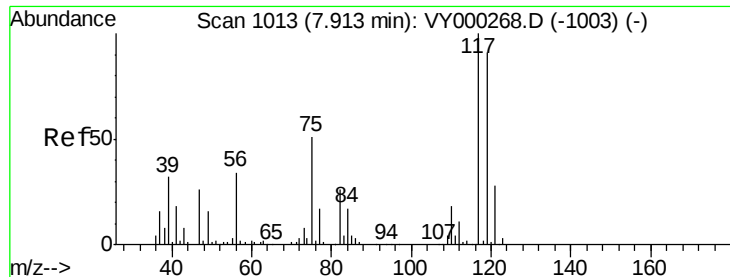
110 4.7 18.4 55.4#

77 0.6 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: 5.825 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY000407.D

Acq: 24 Oct 2019 14:18

Instrument :

MSVOA_Y

ClientSampleId :

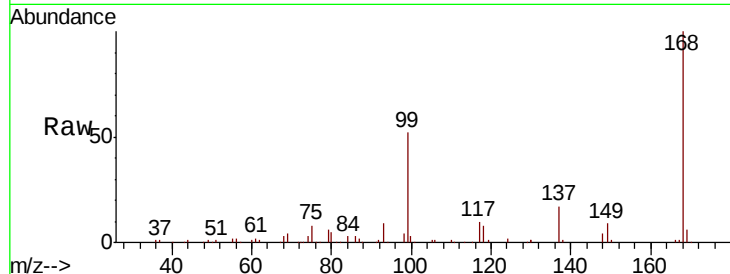
Tot Ion: 117 Resp: 20941

Ion Ratio Lower Upper

117 100

119 8.1 72.8 109.2#

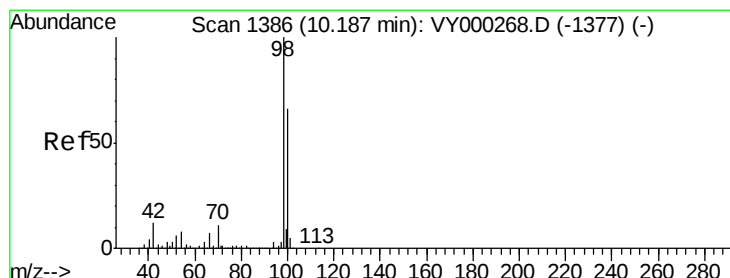
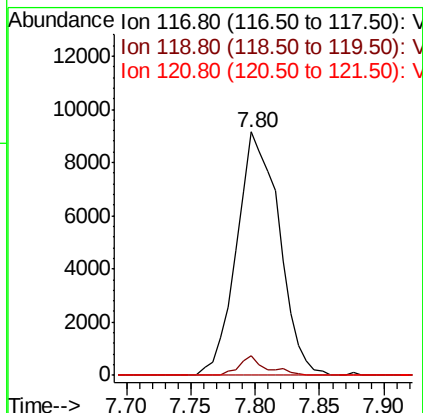
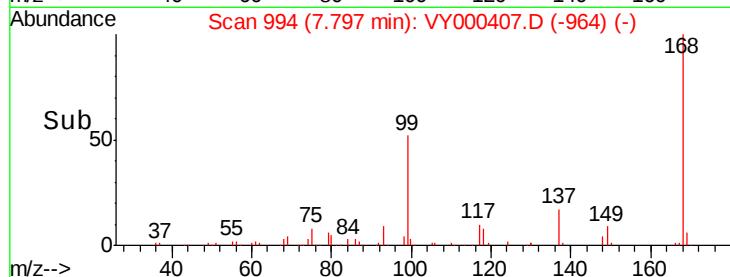
121 0.0 22.2 33.2#



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: 49.524 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000407.D

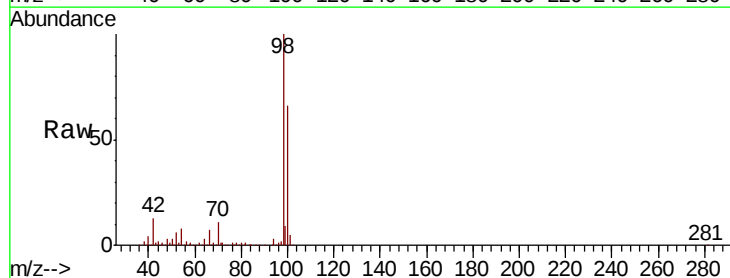
Acq: 24 Oct 2019 14:18

Tgt Ion: 98 Resp: 435801

Ion Ratio Lower Upper

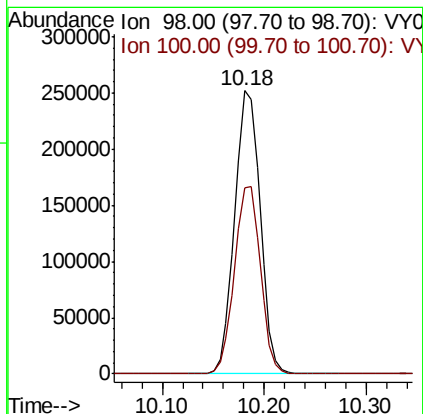
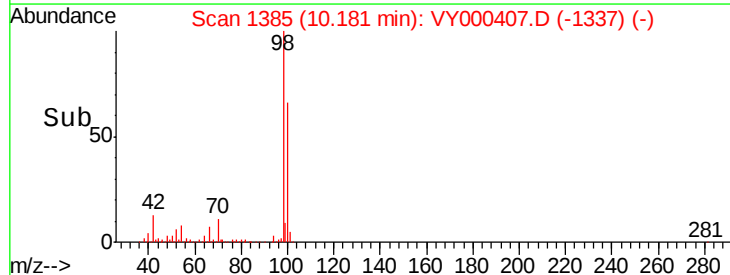
98 100

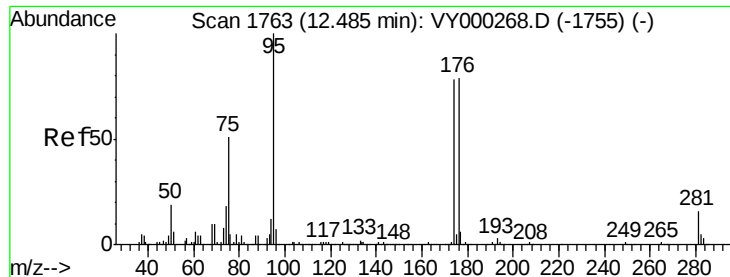
100 67.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

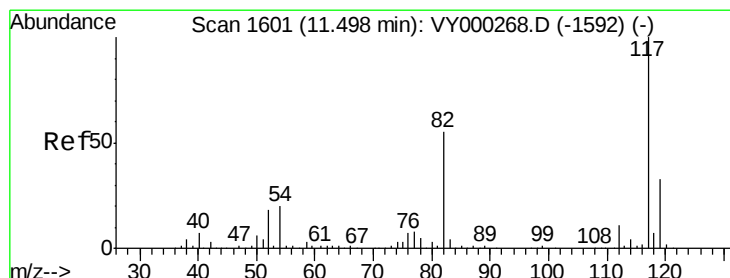
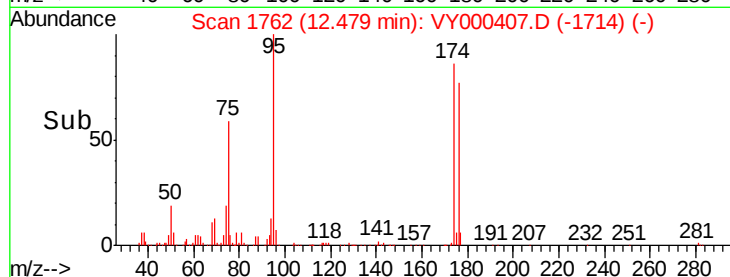
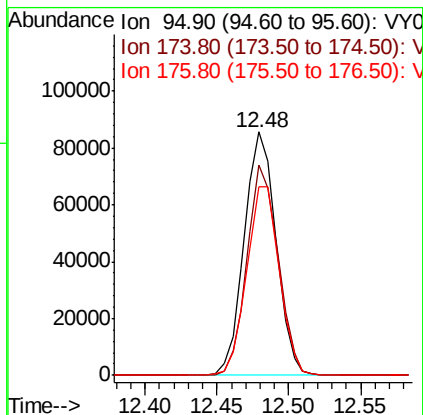
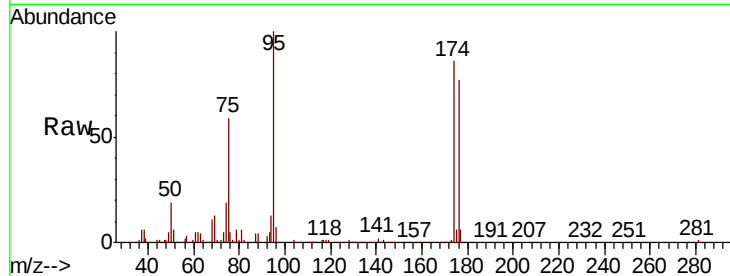




#62
4-Bromofluorobenzene
Concen: 39.104 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000407.D
Acq: 24 Oct 2019 14:18

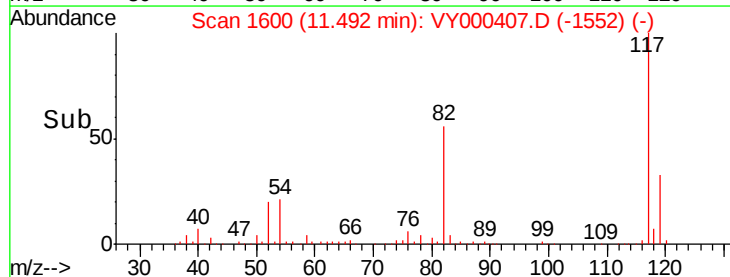
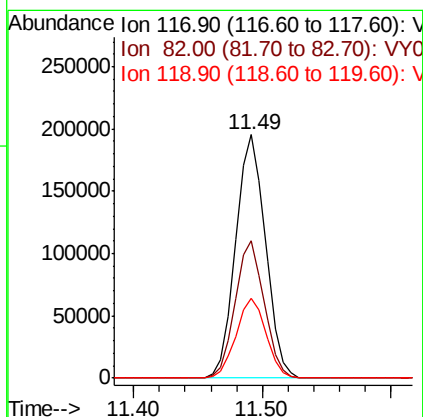
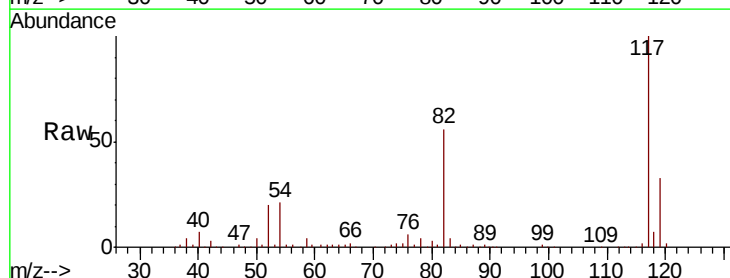
Instrument :
MSVOA_Y
ClientSampled :

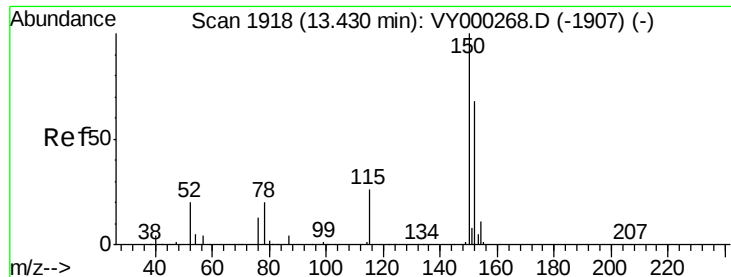
Tot Ion: 95 Resp: 130729
Ion Ratio Lower Upper
95 100
174 84.5 0.0 159.6
176 79.4 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000407.D
Acq: 24 Oct 2019 14:18

Tgt Ion: 117 Resp: 313420
Ion Ratio Lower Upper
117 100
82 56.2 43.7 65.5
119 32.5 26.6 39.8



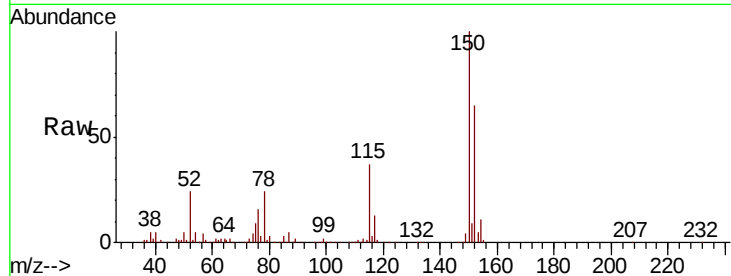


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000407.D
Acq: 24 Oct 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.3	88.0
150	157.5	0.0	348.4

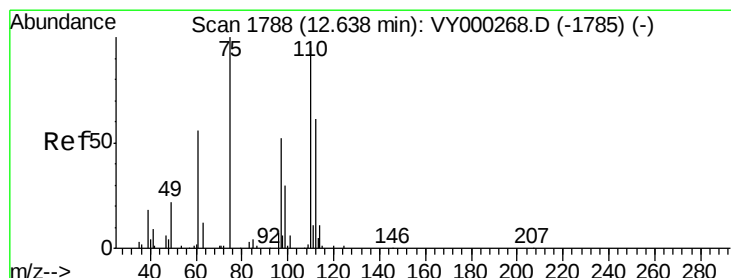
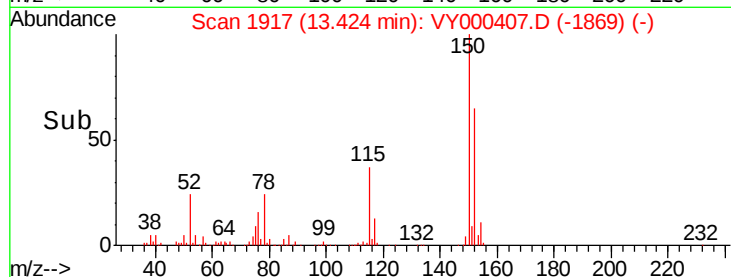
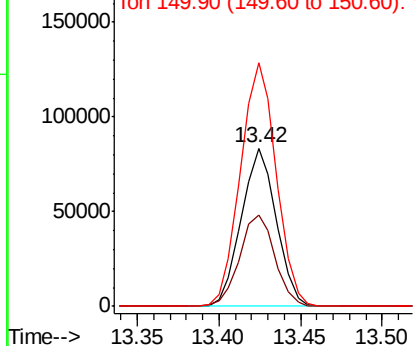


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

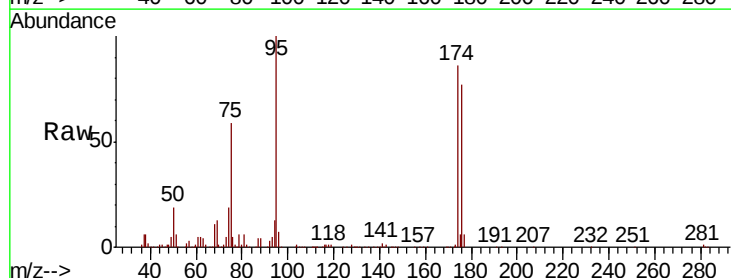
Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane
Concen: 46.455 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000407.D
Acq: 24 Oct 2019 14:18

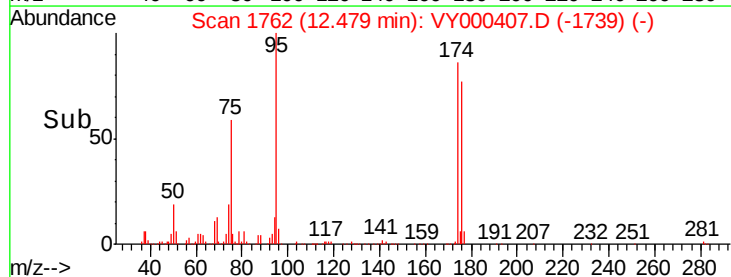
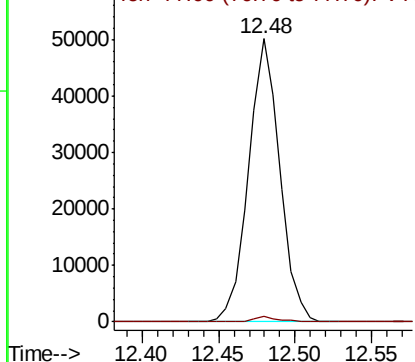
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

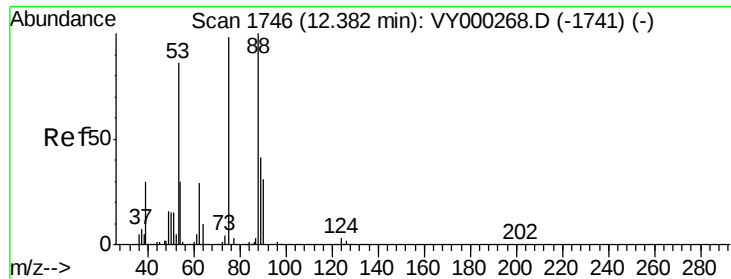


Abundance

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: 101.641 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000407.D
 Acq: 24 Oct 2019 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 71232
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.0 35.1 52.7#

