

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000346.D
 Acq On : 18 Oct 2019 12:42
 Operator : SY/MD
 Sample : K5420-01
 Misc : 6.91G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 00:53:16 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

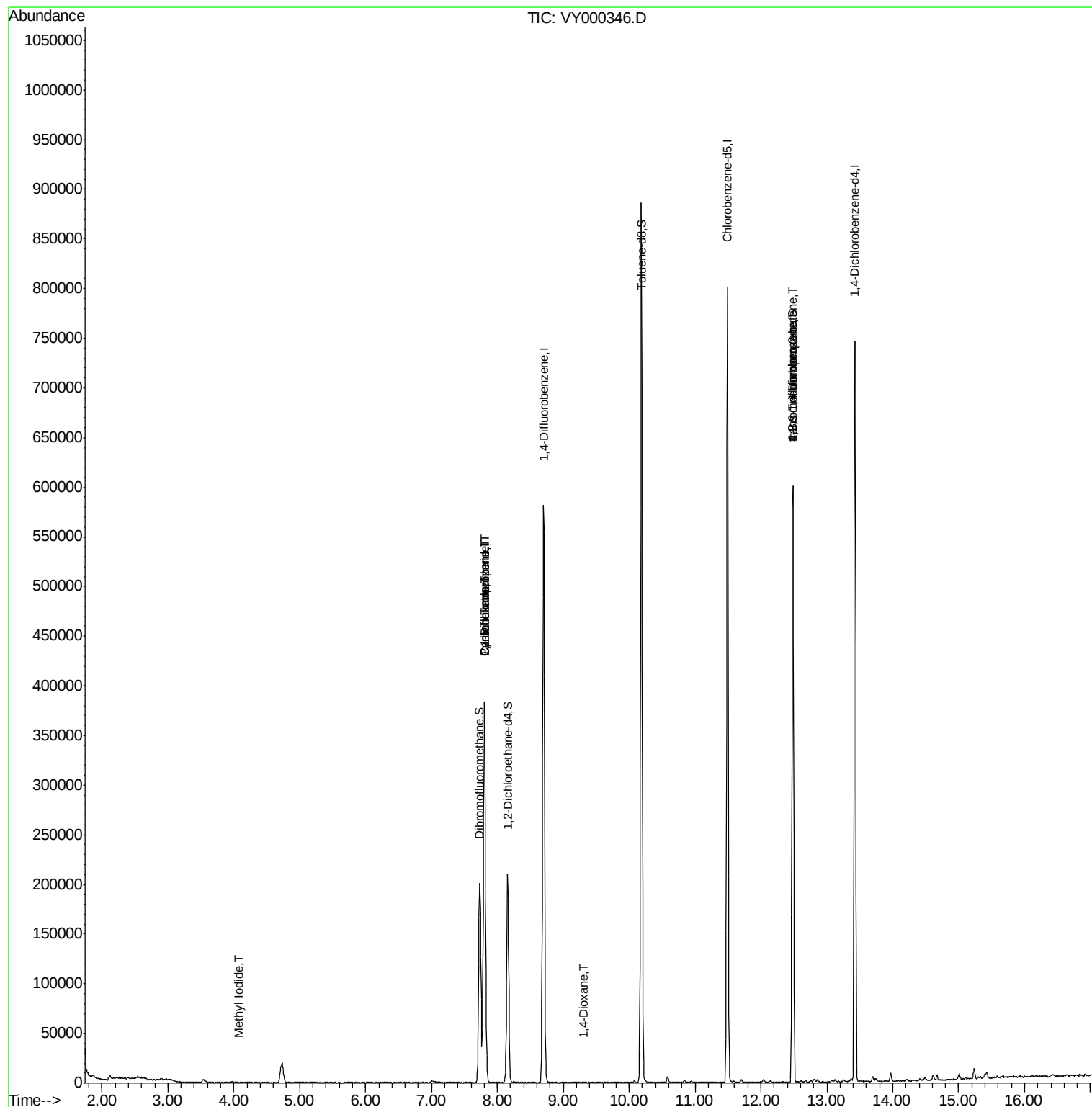
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	290433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	493189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	416745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	179512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	160852	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
35) Dibromofluoromethane	7.73	113	143141	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	10.19	98	568764	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	12.49	95	185300	42.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.24%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.12	85	25	Below Cal	#	41
10) Methyl Iodide	4.08	142	123	1.214	ug/l #	41
20) Methylene Chloride	4.73	84	14800	Below Cal		90
31) Cyclohexane	7.80	56	6918	1.180	ug/l #	17
36) 1,1-Dichloropropene	7.80	75	23433	4.853	ug/l #	48
38) Carbon Tetrachloride	7.80	117	28862	6.173	ug/l #	18
49) 1,4-Dioxane	9.32	88	59	2.056	ug/l #	43
76) 1,2,3-Trichloropropane	12.48	75	96329	43.639	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	96329	95.481	ug/l #	14

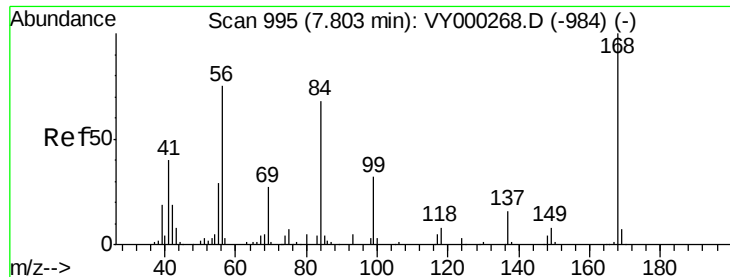
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000346.D

Acq: 18 Oct 2019 12:42

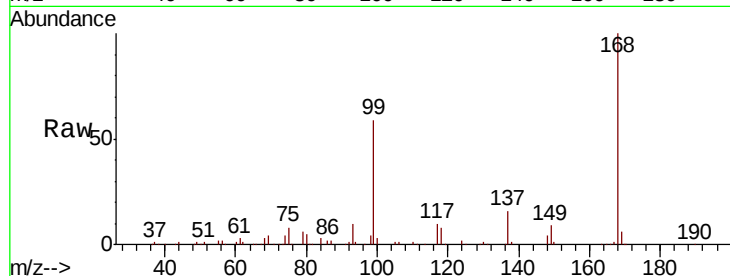
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 290433

Ion Ratio Lower Upper

168 100

99 59.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000346.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000346.D (-946) (-)

7.80

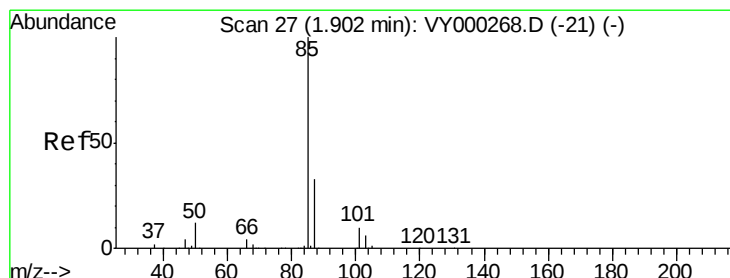
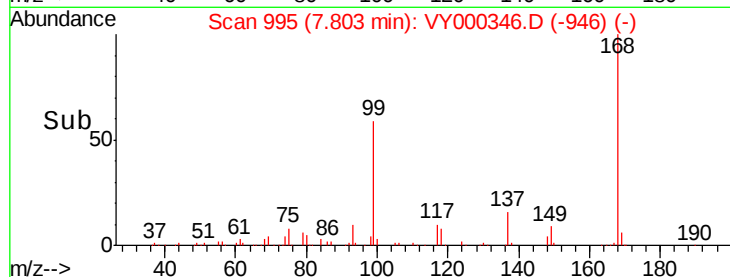
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.12 min Scan# 63

Delta R.T. 0.22 min

Lab File: VY000346.D

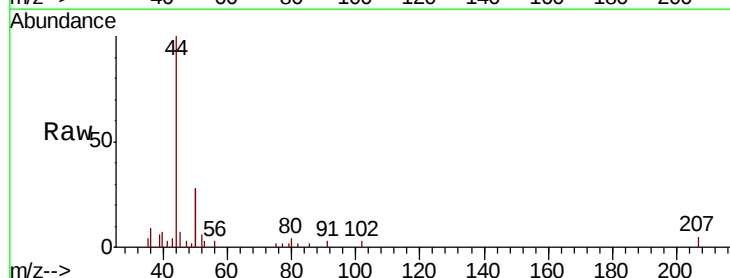
Acq: 18 Oct 2019 12:42

Tgt Ion: 85 Resp: 25

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000346.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000346.D (-1) (-)

2.12

80

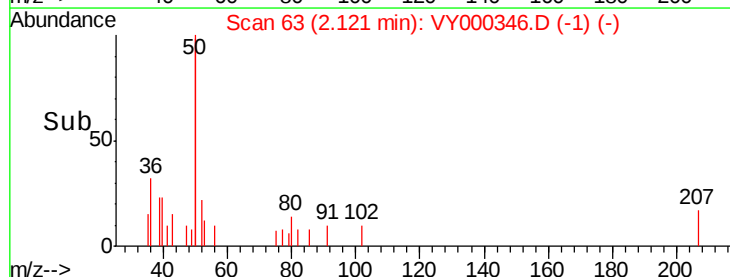
60

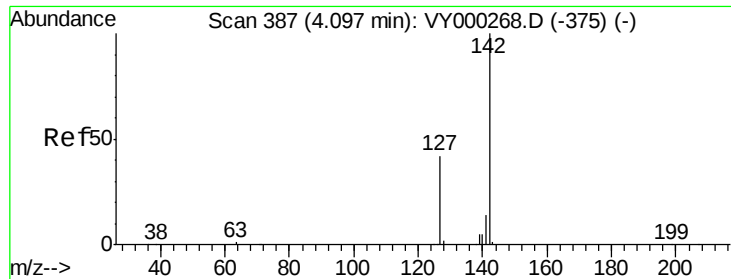
40

20

0

Time-->

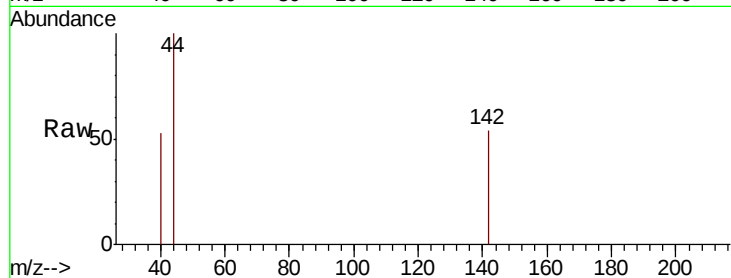




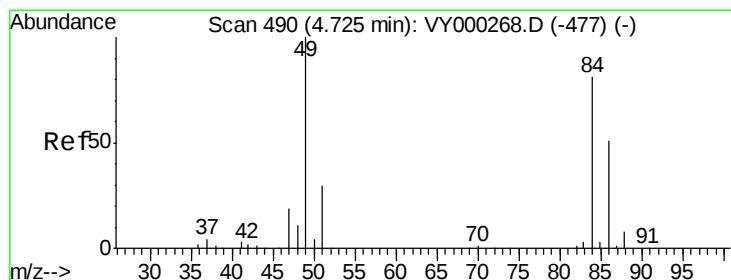
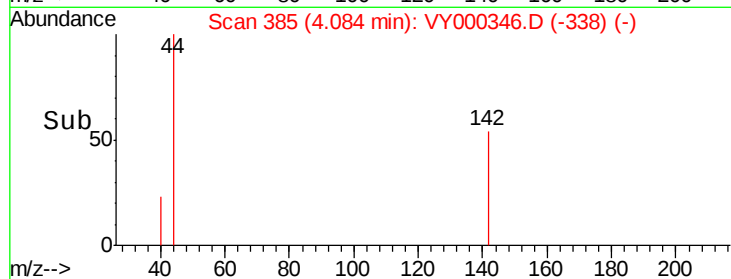
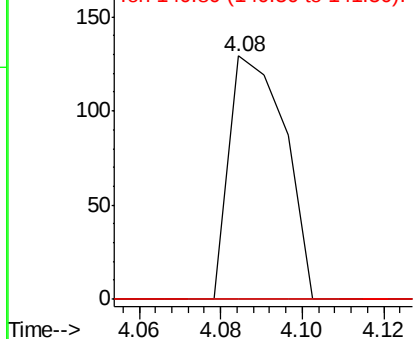
#10
Methyl Iodide
Concen: 1.214 ug/l
RT: 4.08 min Scan# 385
Delta R.T. -0.01 min
Lab File: VY000346.D
Acq: 18 Oct 2019 12:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:142 Resp: 123
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#

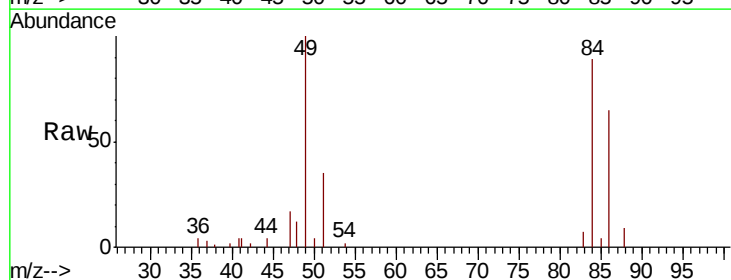


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

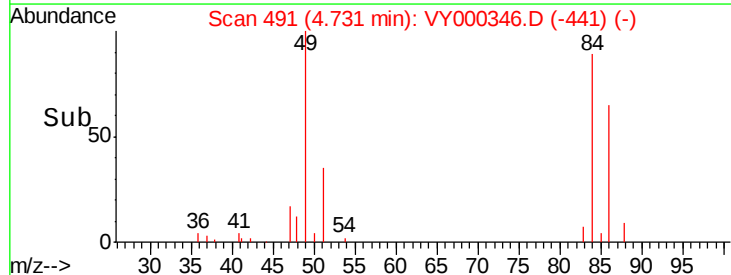
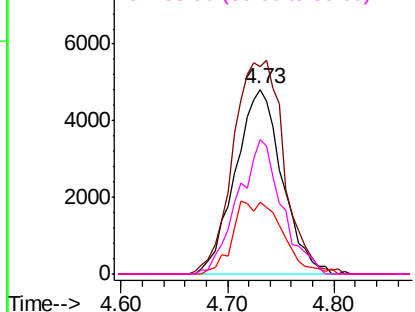


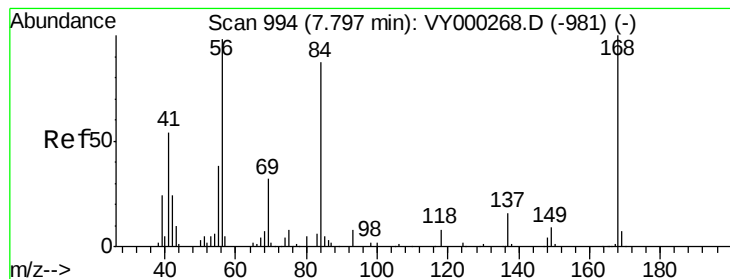
#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000346.D
Acq: 18 Oct 2019 12:42

Tgt Ion: 84 Resp: 14800
Ion Ratio Lower Upper
84 100
49 112.4 99.0 148.4
51 39.1 29.3 43.9
86 72.6 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: 1.180 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000346.D

Acq: 18 Oct 2019 12:42

Instrument :
MSVOA_Y
ClientSampleId :

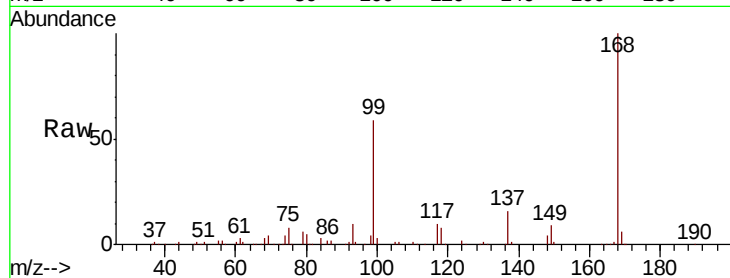
Tot Ion: 56 Resp: 6918

Ion Ratio Lower Upper

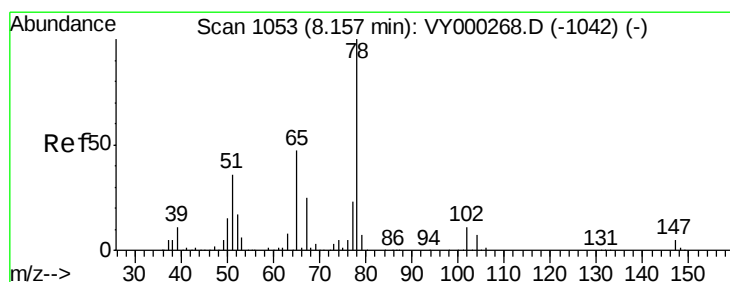
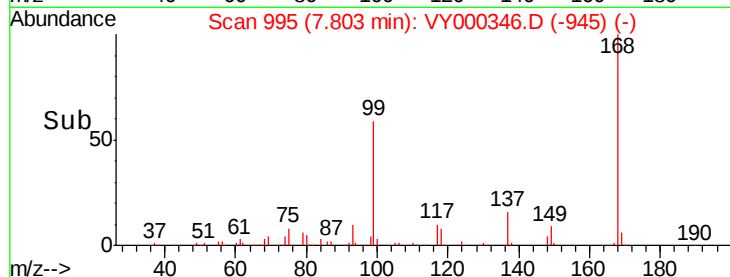
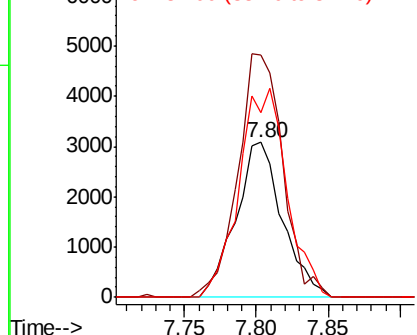
56 100

69 156.9 26.3 39.5#

84 119.0 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: 52.504 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000346.D

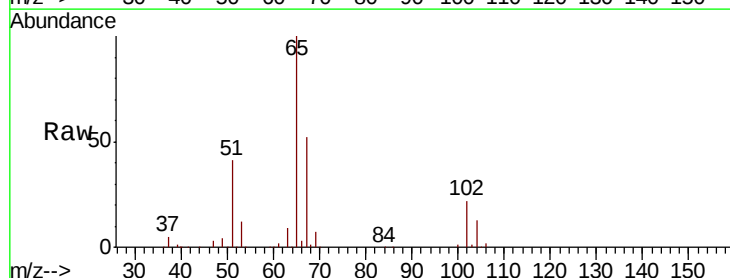
Acq: 18 Oct 2019 12:42

Tgt Ion: 65 Resp: 160852

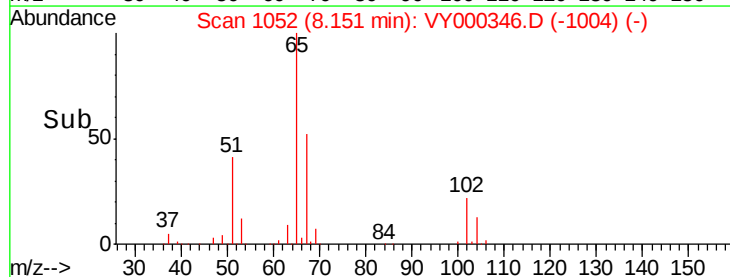
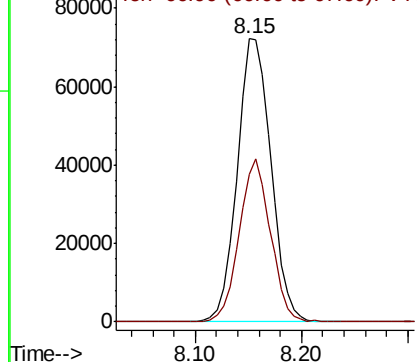
Ion Ratio Lower Upper

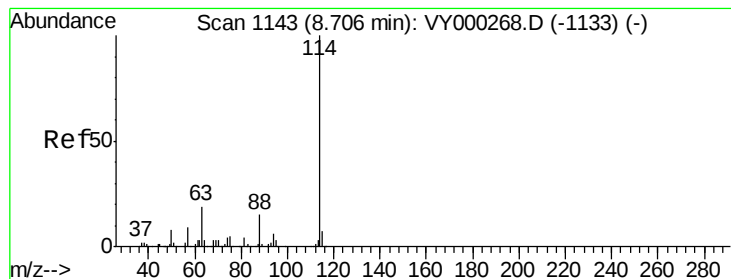
65 100

67 53.3 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: VY000346.D

Acq: 18 Oct 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

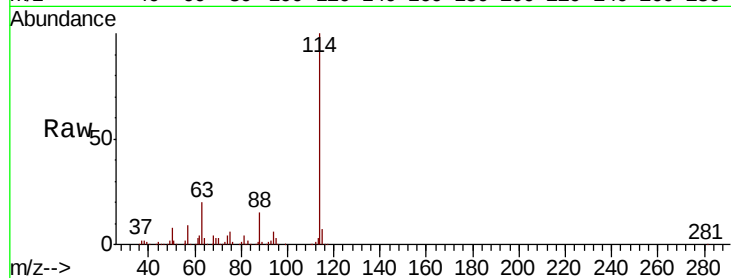
Tot Ion:114 Resp: 493189

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.2

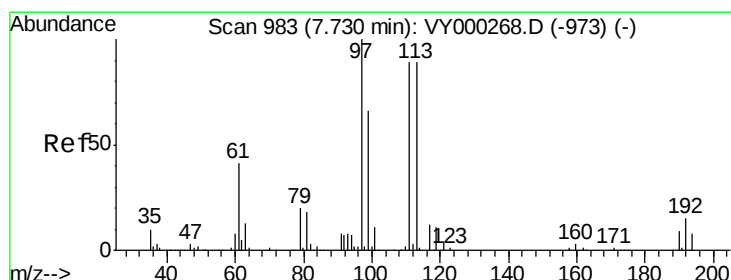
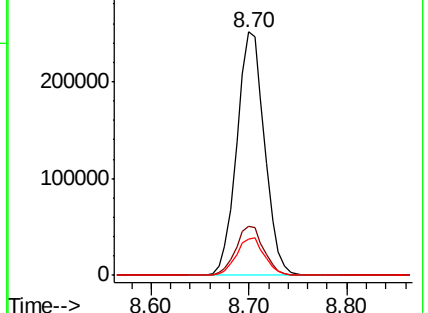
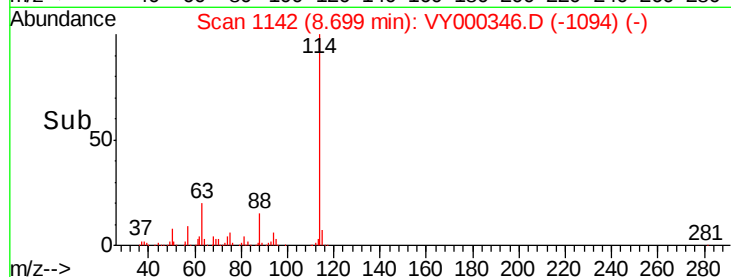
88 14.9 0.0 30.2



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: 48.115 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000346.D

Acq: 18 Oct 2019 12:42

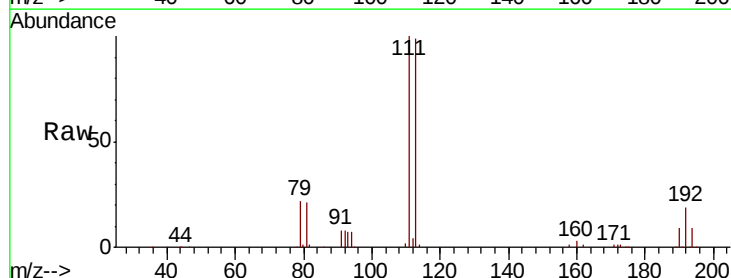
Tgt Ion:113 Resp: 143141

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

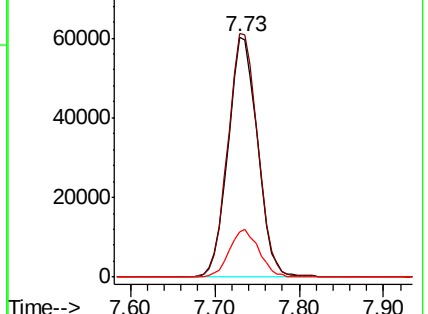
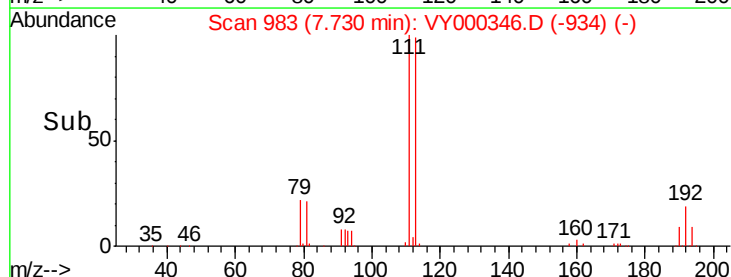
192 19.8 15.3 22.9

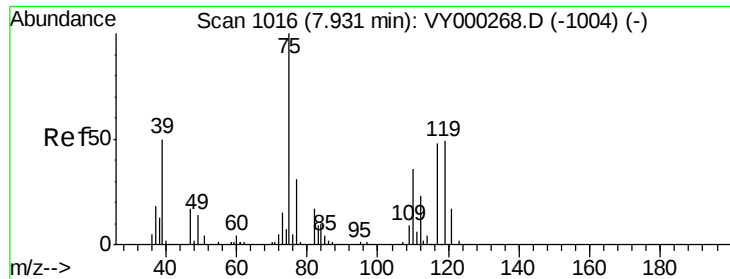


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

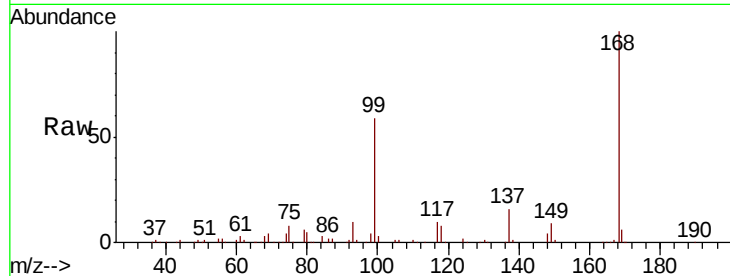




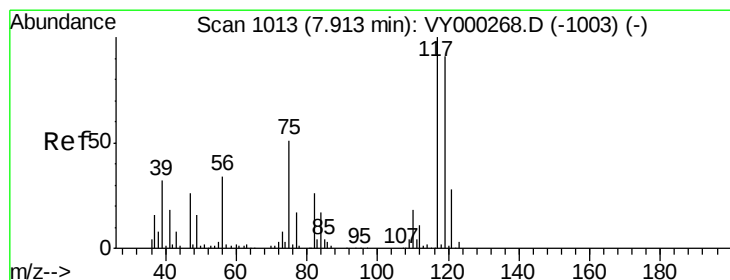
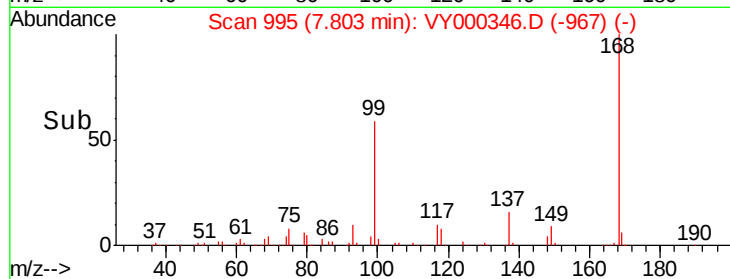
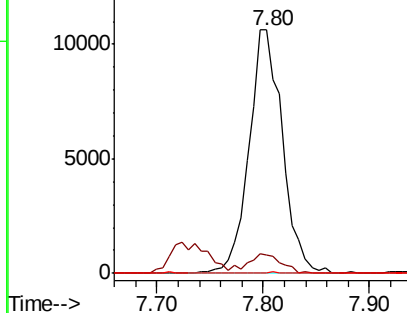
#36
 1,1-Dichloropropene
 Concen: 4.853 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000346.D
 Acq: 18 Oct 2019 12:42

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.4	55.4#
77	0.1	25.0	37.6#

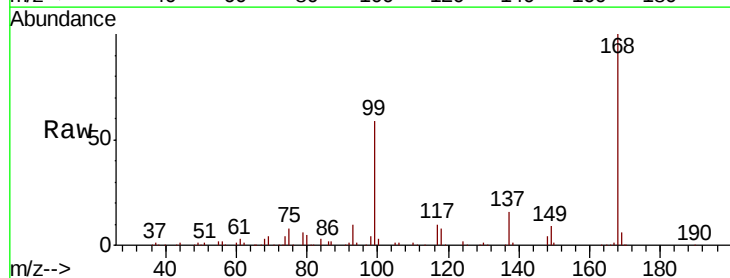


Abundance Ion 74.90 (74.60 to 75.60): VY000346.D (-967) (-)
 Ion 109.90 (109.60 to 110.60): VY000346.D (-967) (-)
 Ion 76.90 (76.60 to 77.60): VY000346.D (-967) (-)

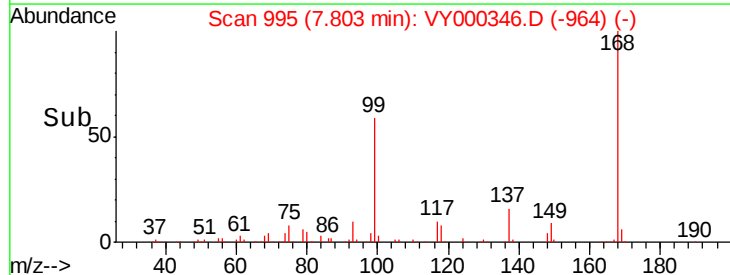
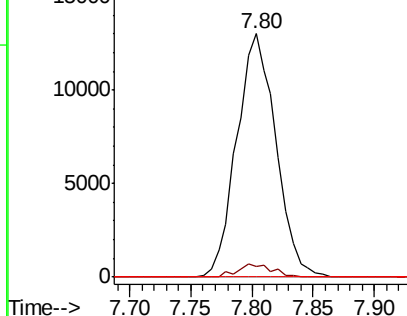


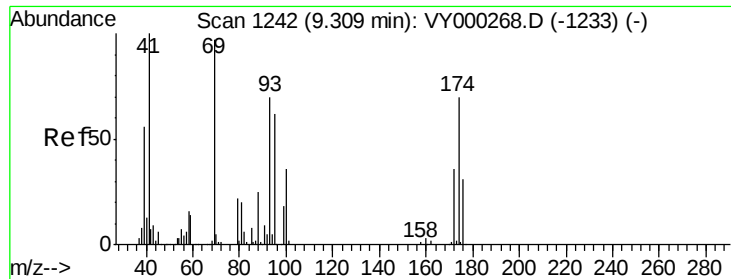
#38
 Carbon Tetrachloride
 Concen: 6.173 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000346.D
 Acq: 18 Oct 2019 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	72.8	109.2#
121	0.0	22.2	33.2#



Abundance Ion 116.80 (116.50 to 117.50): VY000346.D (-964) (-)
 Ion 118.80 (118.50 to 119.50): VY000346.D (-964) (-)
 Ion 120.80 (120.50 to 121.50): VY000346.D (-964) (-)

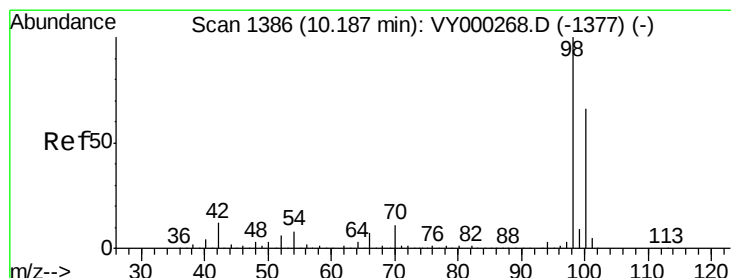
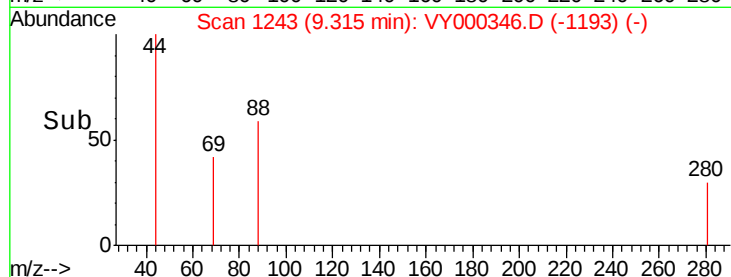
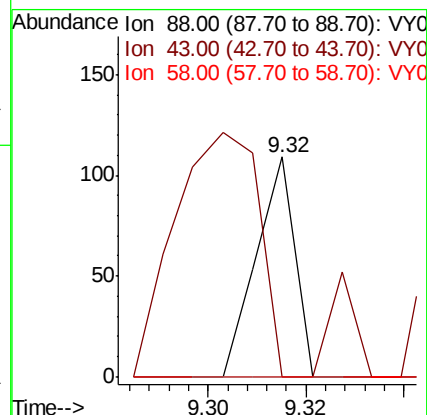
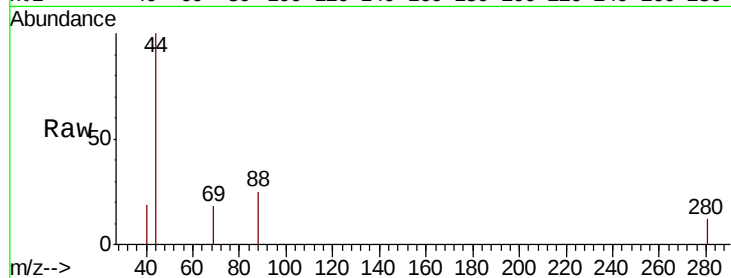




#49
1,4-Dioxane
Concen: 2.056 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY000346.D
Acq: 18 Oct 2019 12:42

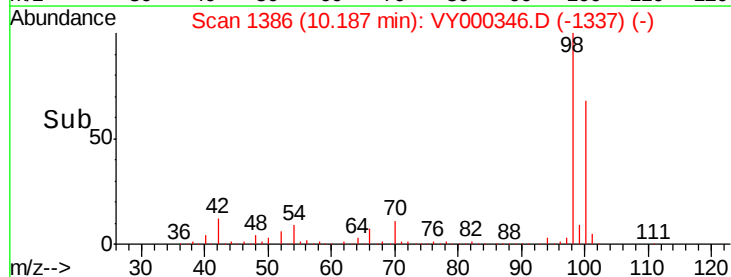
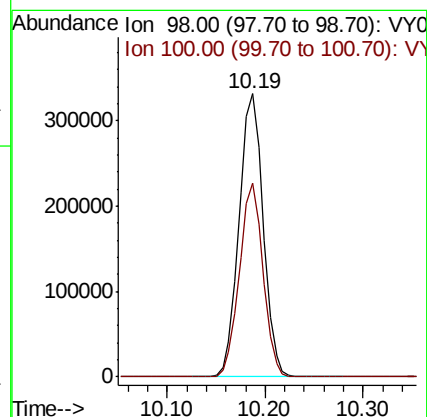
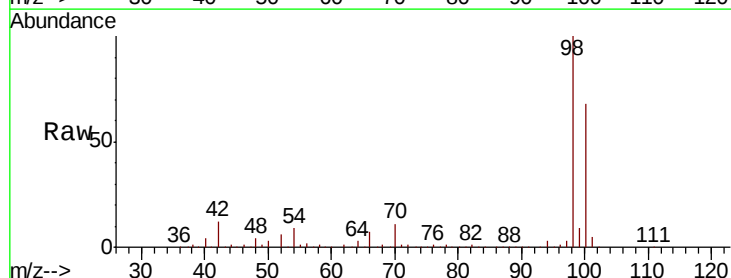
Instrument :
MSVOA_Y
ClientSampleId :

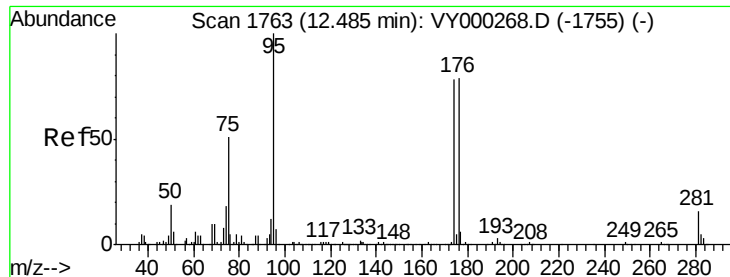
Tot Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 32.2 25.6 38.4
58 0.0 54.6 81.8#



#50
Toluene-d8
Concen: 49.700 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000346.D
Acq: 18 Oct 2019 12:42

Tgt Ion: 98 Resp: 568764
Ion Ratio Lower Upper
98 100
100 66.9 52.8 79.2

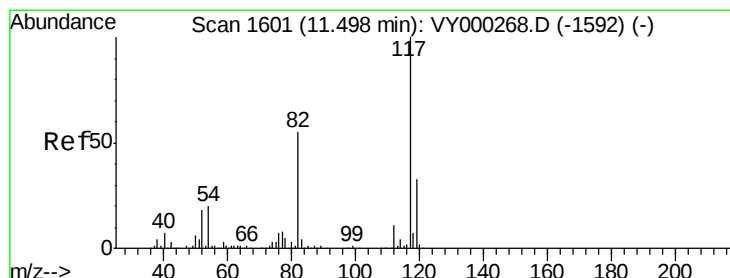
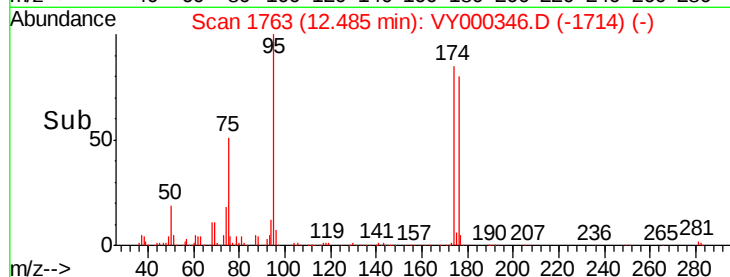
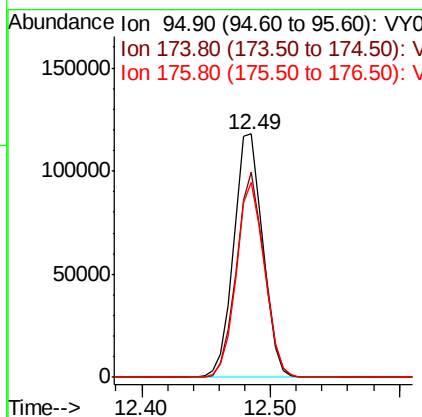
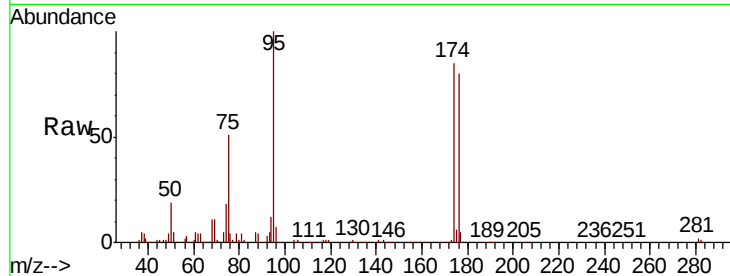




#62
4-Bromofluorobenzene
Concen: 42.621 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY000346.D
Acq: 18 Oct 2019 12:42

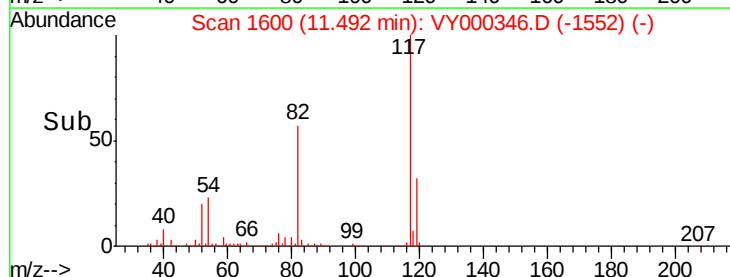
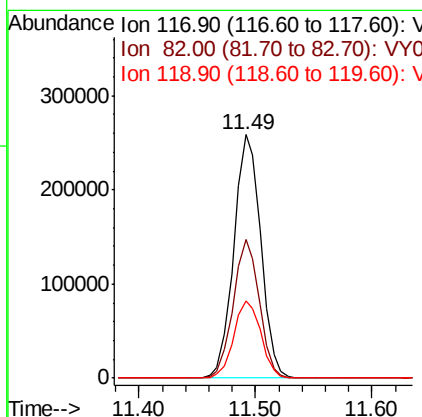
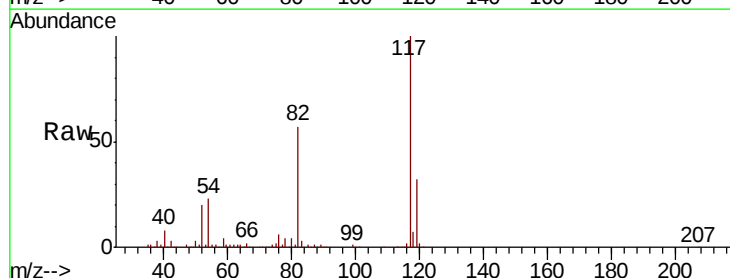
Instrument :
MSVOA_Y
ClientSampleId :

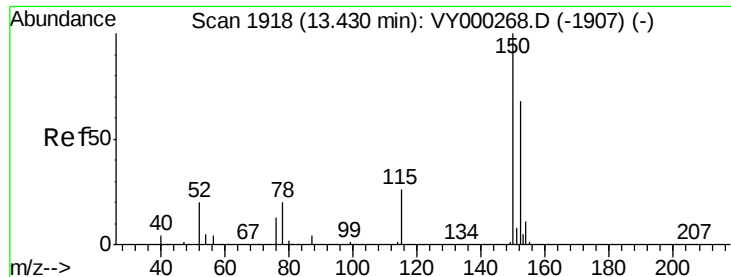
Tot Ion	95	Resp	185300
Ion Ratio	Lower	Upper	
95	100		
174	80.4	0.0	159.6
176	77.6	0.0	153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000346.D
Acq: 18 Oct 2019 12:42

Tgt Ion	117	Resp	416745
Ion Ratio	Lower	Upper	
117	100		
82	56.8	43.7	65.5
119	31.5	26.6	39.8



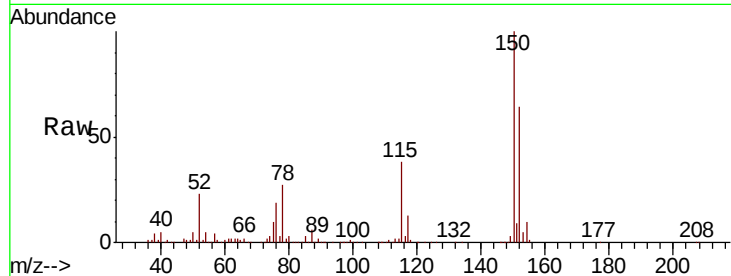


#72

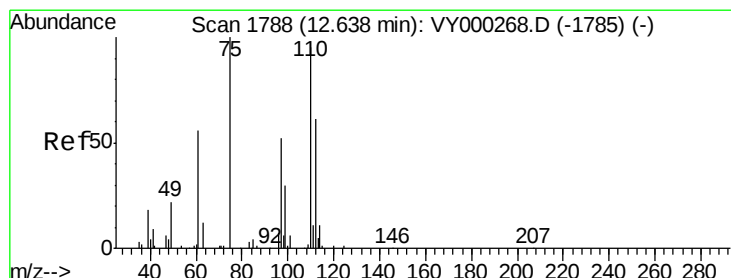
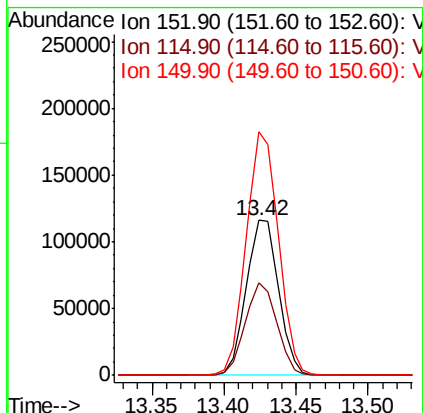
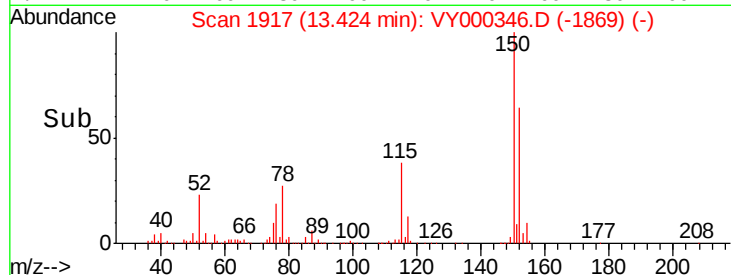
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000346.D
Acq: 18 Oct 2019 12:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.3	88.0
150	156.8	0.0	348.4



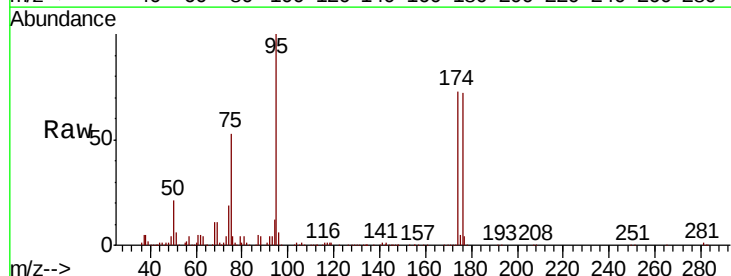
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



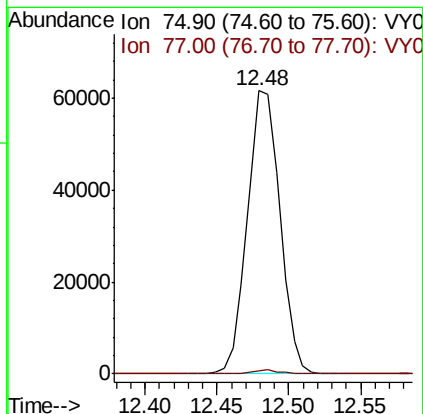
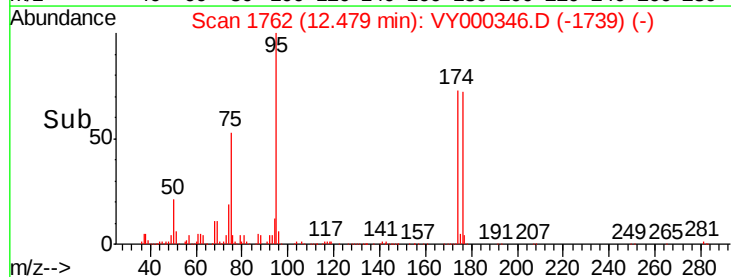
#76

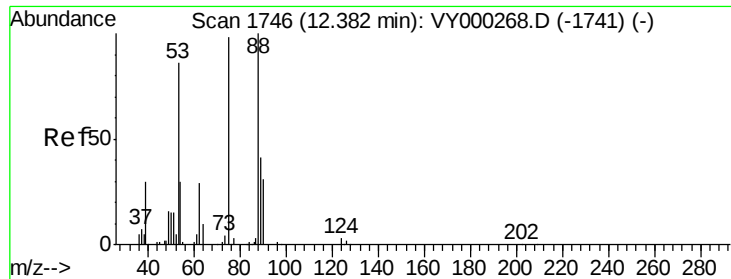
1,2,3-Trichloropropane
Concen: 43.639 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000346.D
Acq: 18 Oct 2019 12:42

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: 95.481 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000346.D

Acq: 18 Oct 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 96329

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.1 35.1 52.7#

