

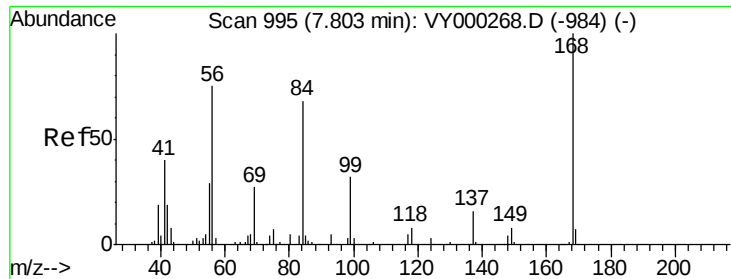
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000398.D
 Acq On : 23 Oct 2019 21:47
 Operator : SY/MD
 Sample : K5498-14
 Misc : 4.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 24 04:49:33 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	210160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	358407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	310495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	128622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	119143	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
35) Dibromofluoromethane	7.74	113	103207	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	10.19	98	415547	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.48	95	128537	40.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.36%	
Target Compounds						
2) Dichlorodifluoromethane	1.91	85	60	Below Cal	#	41
20) Methylene Chloride	4.72	84	10178	Below Cal	#	92
31) Cyclohexane	7.80	56	4813	1.135	ug/l #	54
36) 1,1-Dichloropropene	7.80	75	16337	4.656	ug/l #	48
38) Carbon Tetrachloride	7.80	117	21509	6.331	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	68117	43.068	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	68117	94.231	ug/l #	14

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000398.D

Acq: 23 Oct 2019 21:47

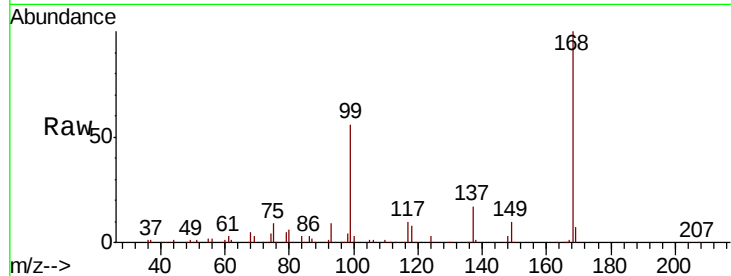
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 210160

Ion Ratio Lower Upper

168 100

99 56.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000398.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000398.D (-946) (-)

7.80

100000

80000

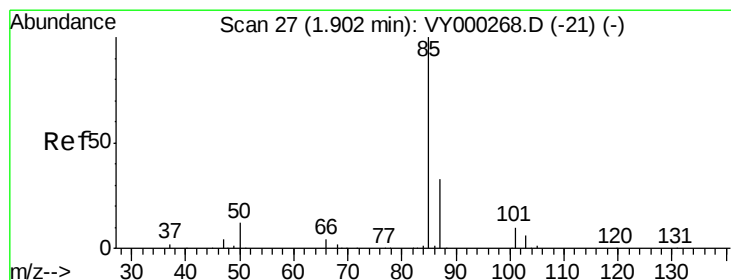
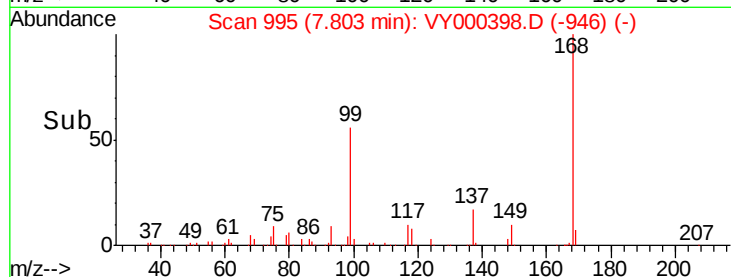
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY000398.D

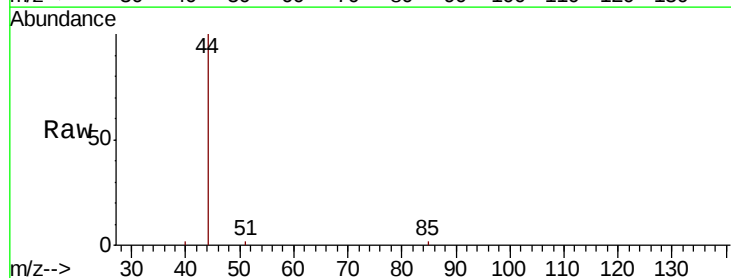
Acq: 23 Oct 2019 21:47

Tgt Ion: 85 Resp: 60

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000398.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000398.D (-1) (-)

1.91

100

80

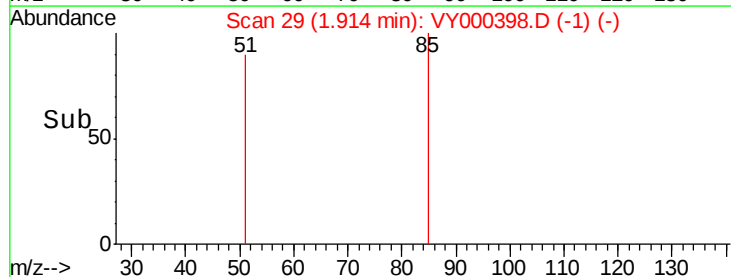
60

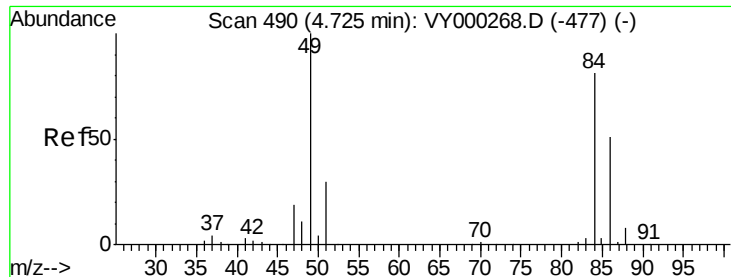
40

20

0

Time-->

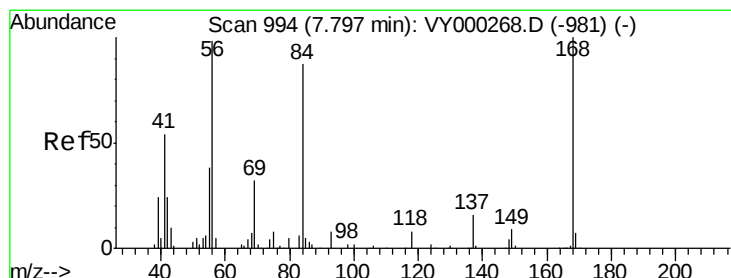
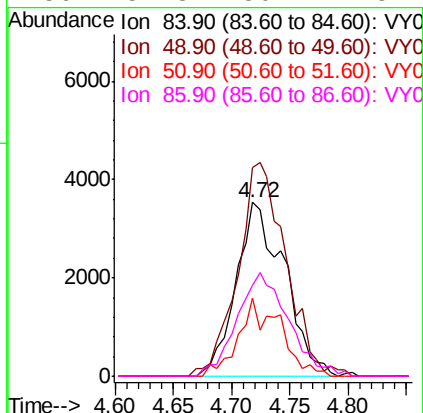
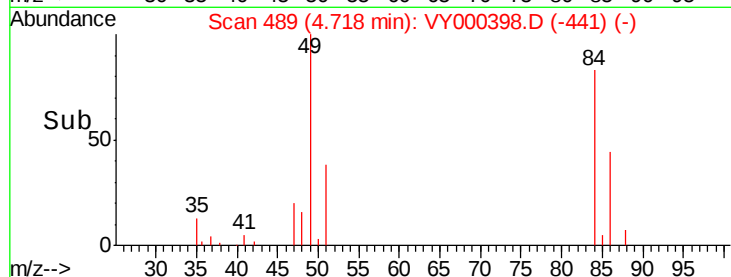
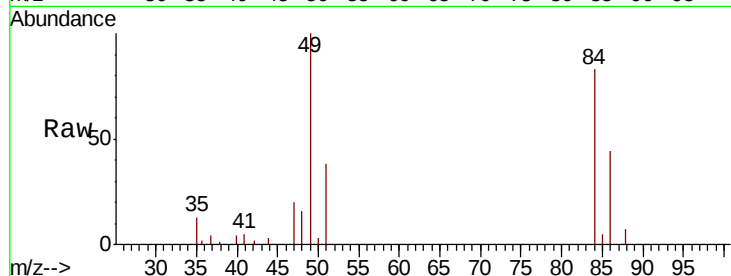




#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000398.D
Acq: 23 Oct 2019 21:47

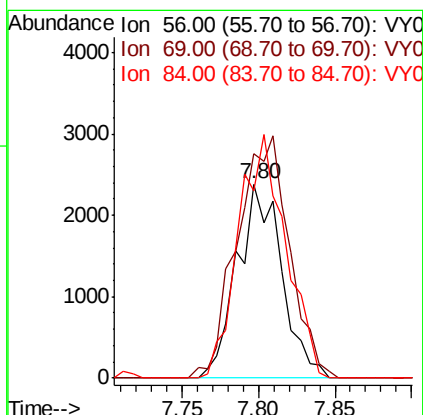
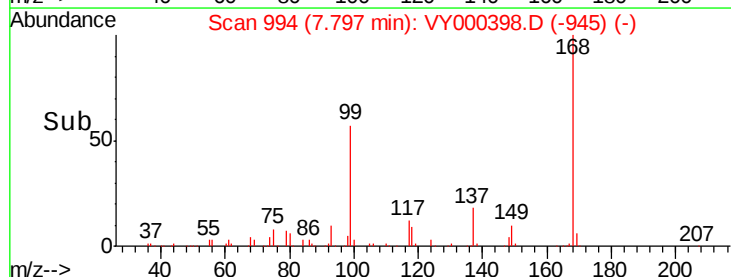
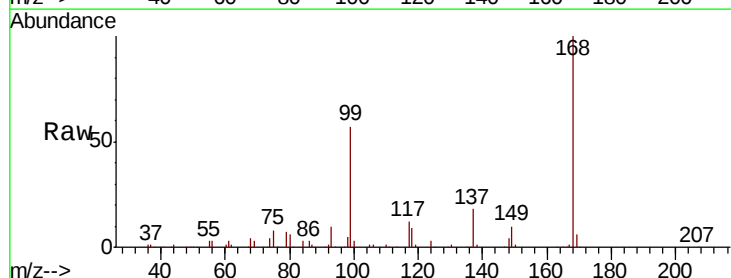
Instrument :
MSVOA_Y
ClientSampleId :

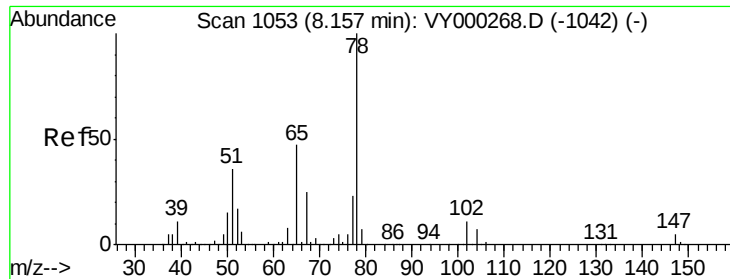
Tot Ion: 84 Resp: 10178
Ion Ratio Lower Upper
84 100
49 120.3 99.0 148.4
51 45.3 29.3 43.9#
86 52.3 50.2 75.4



#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000398.D
Acq: 23 Oct 2019 21:47

Tgt Ion: 56 Resp: 4813
Ion Ratio Lower Upper
56 100
69 115.7 26.3 39.5#
84 96.1 70.8 106.2

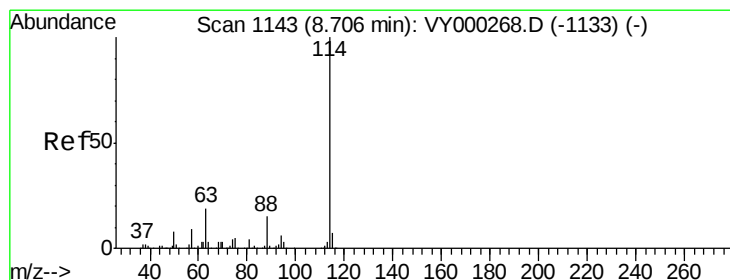
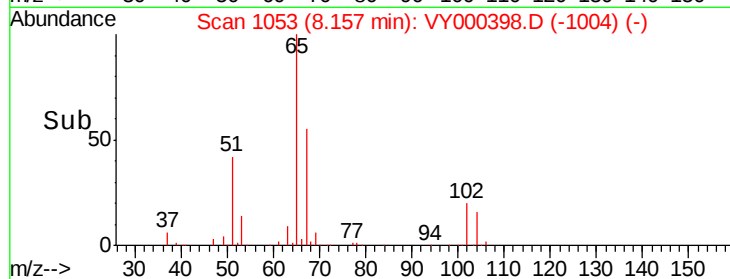
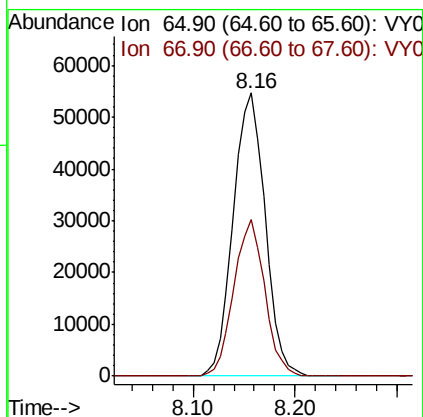
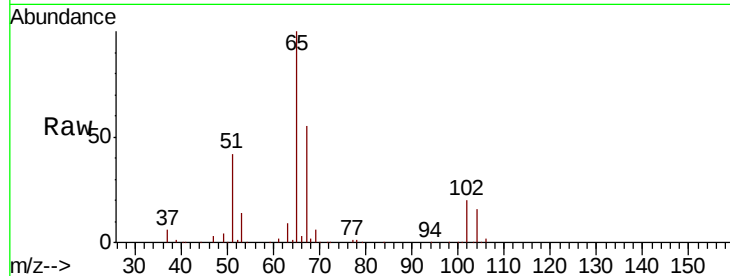




#33
 1,2-Dichloroethane-d4
 Concen: 53.744 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000398.D
 Acq: 23 Oct 2019 21:47

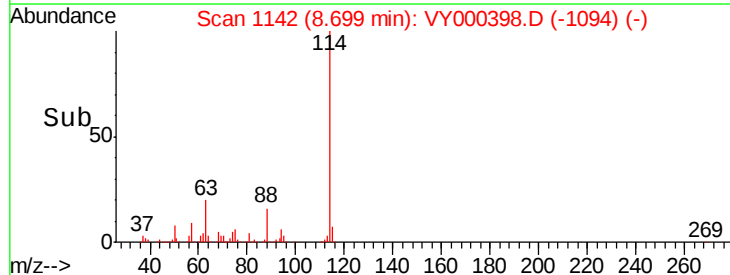
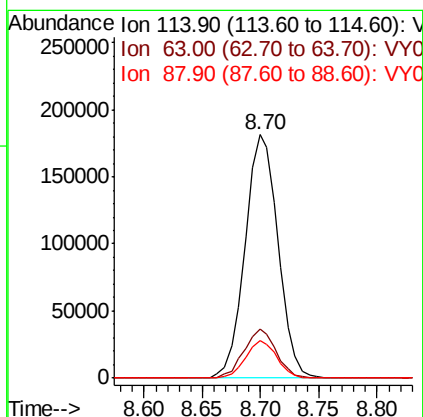
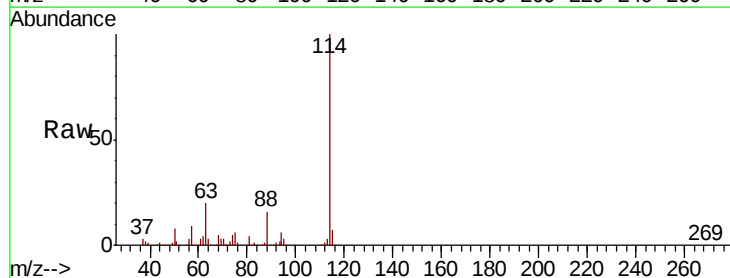
Instrument :
 MSVOA_Y
 ClientSampled :

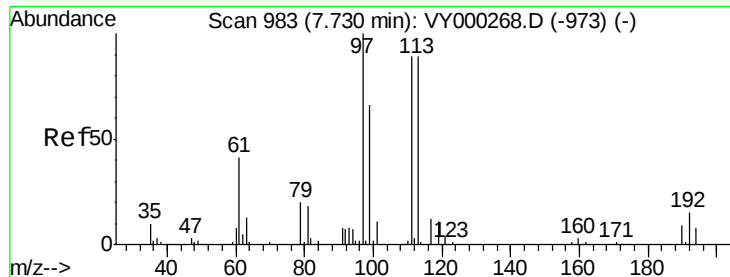
Tot Ion: 65 Resp: 119143
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000398.D
 Acq: 23 Oct 2019 21:47

Tgt Ion: 114 Resp: 358407
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.2
 88 15.6 0.0 30.2

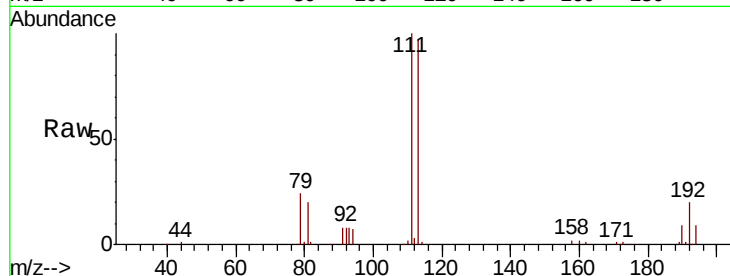




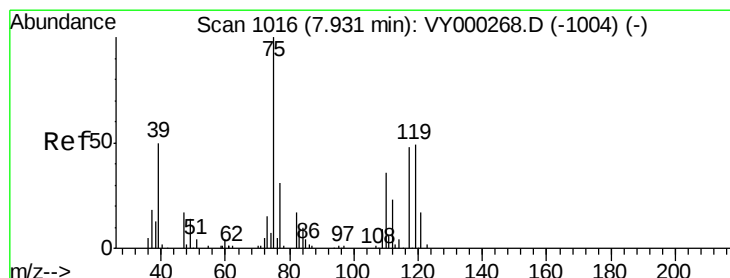
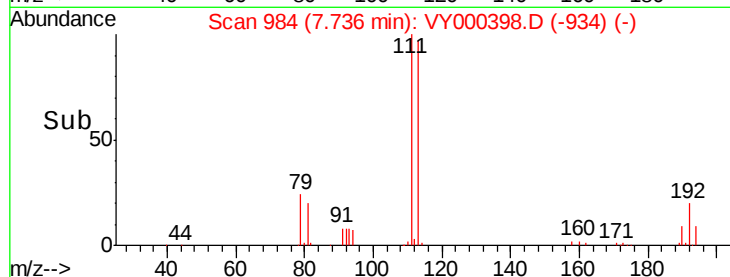
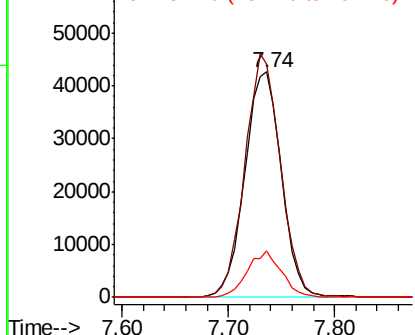
#35
Dibromofluoromethane
Concen: 47.738 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.01 min
Lab File: VY000398.D
Acq: 23 Oct 2019 21:47

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:113 Resp: 103207
Ion Ratio Lower Upper
113 100
111 104.3 81.6 122.4
192 19.1 15.3 22.9

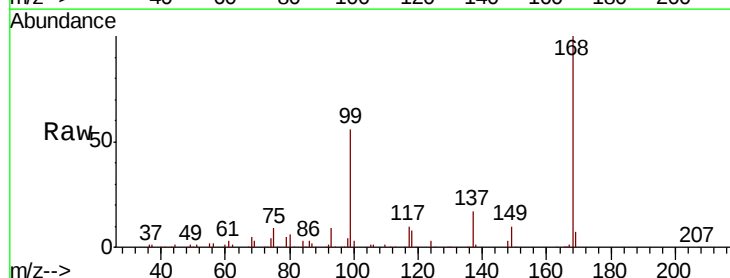


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

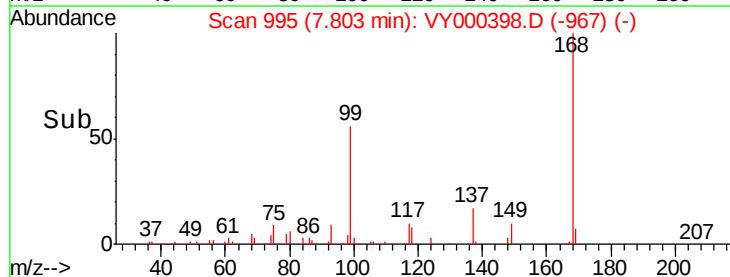
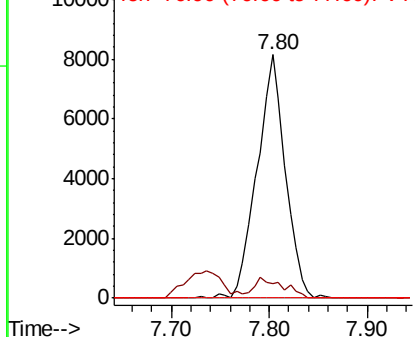


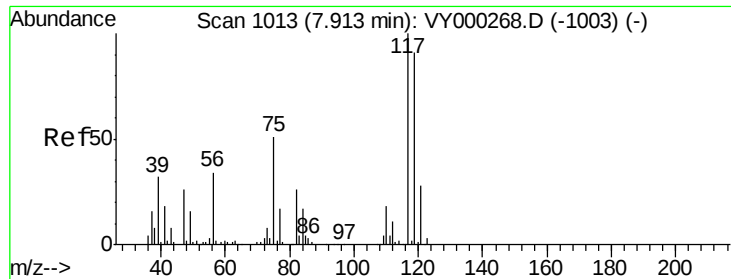
#36
1,1-Dichloropropene
Concen: 4.656 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000398.D
Acq: 23 Oct 2019 21:47

Tgt Ion: 75 Resp: 16337
Ion Ratio Lower Upper
75 100
110 8.9 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

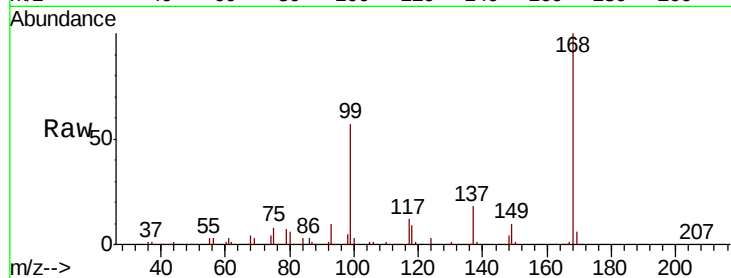




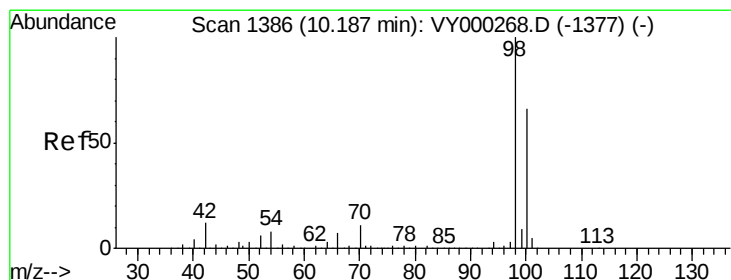
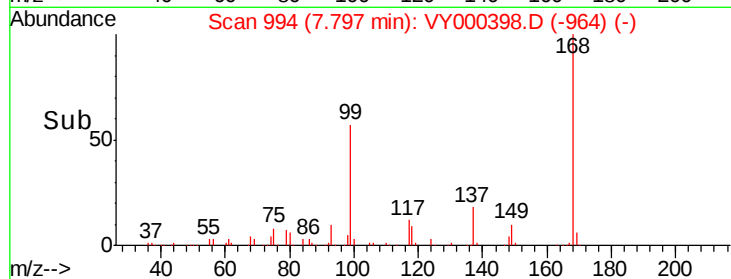
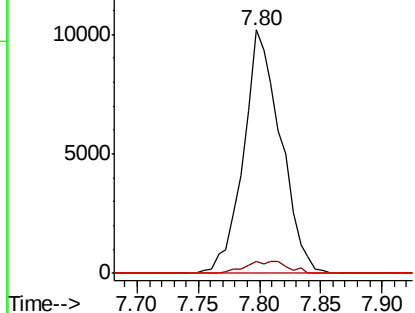
#38
Carbon Tetrachloride
Concen: 6.331 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000398.D
Acq: 23 Oct 2019 21:47

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 21509
Ion Ratio Lower Upper
117 100
119 5.1 72.8 109.2#
121 0.0 22.2 33.2#

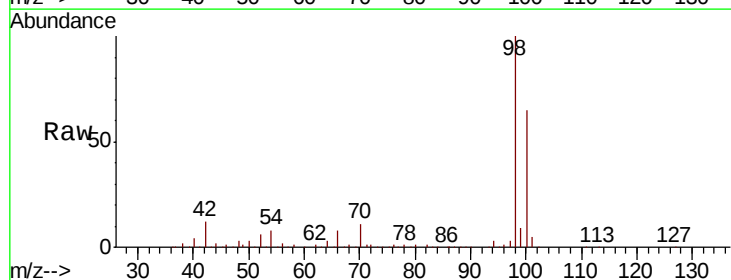


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

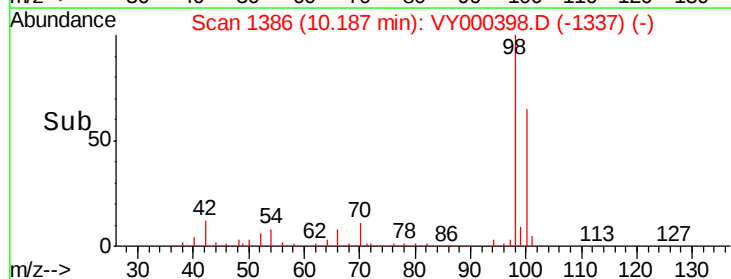
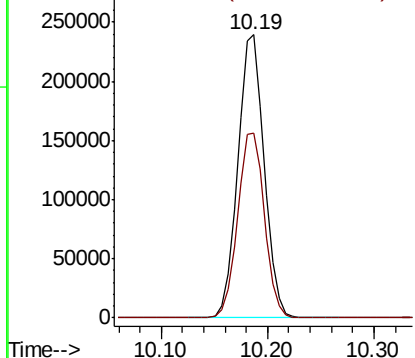


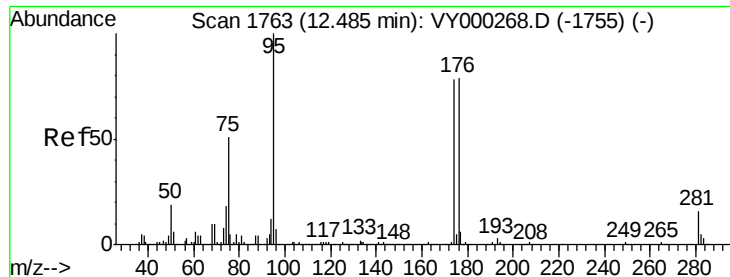
#50
Toluene-d8
Concen: 49.967 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000398.D
Acq: 23 Oct 2019 21:47

Tgt Ion: 98 Resp: 415547
Ion Ratio Lower Upper
98 100
100 66.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

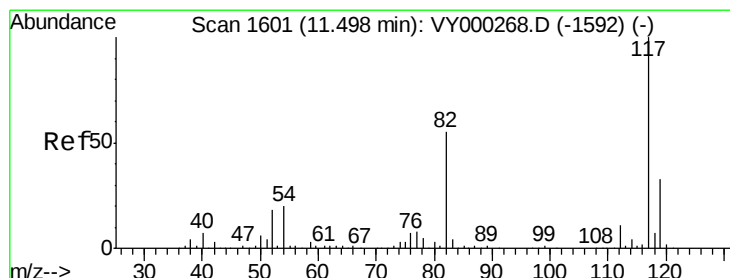
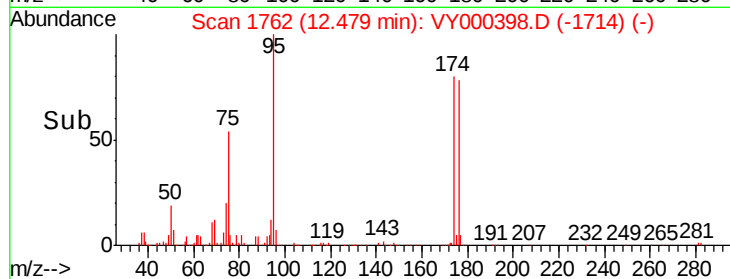
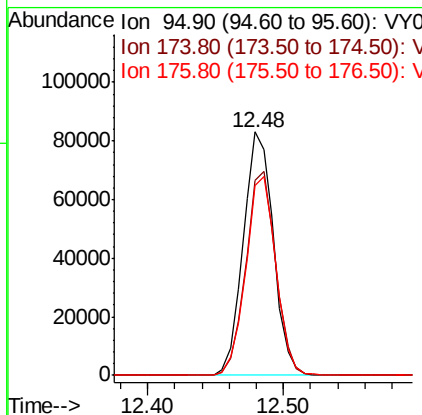
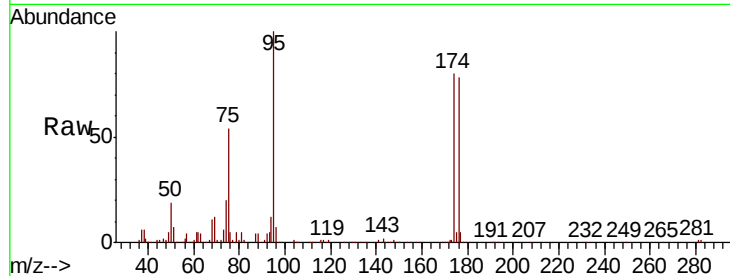




#62
4-Bromofluorobenzene
Concen: 40.683 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000398.D
Acq: 23 Oct 2019 21:47

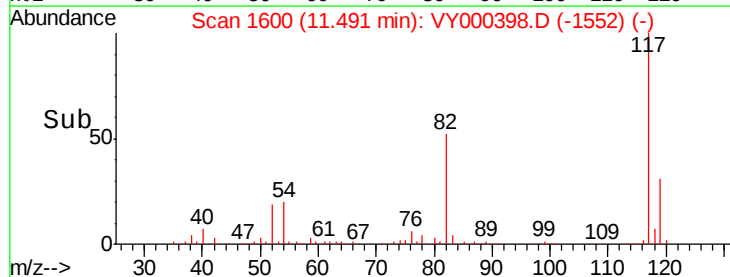
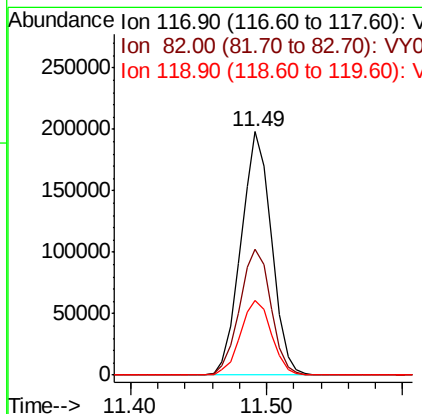
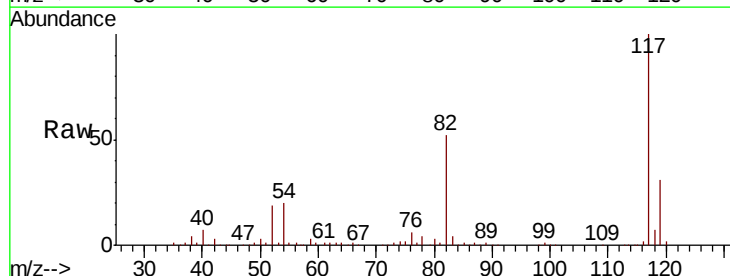
Instrument :
MSVOA_Y
ClientSampled :

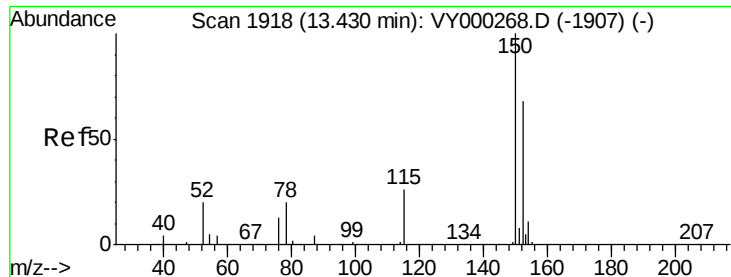
Tot Ion	95	Resp	128537
Ion Ratio	Lower	Upper	
95	100		
174	83.4	0.0	159.6
176	81.9	0.0	153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000398.D
Acq: 23 Oct 2019 21:47

Tgt Ion	117	Resp	310495
Ion Ratio	Lower	Upper	
117	100		
82	51.5	43.7	65.5
119	30.8	26.6	39.8



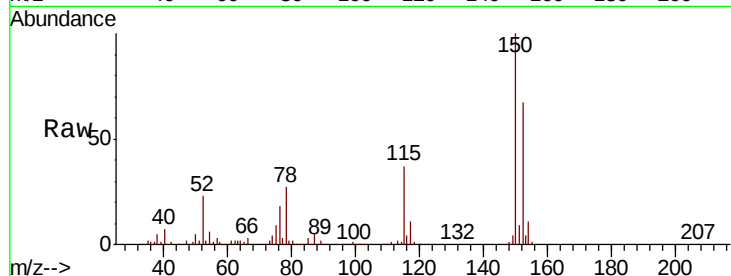


#72

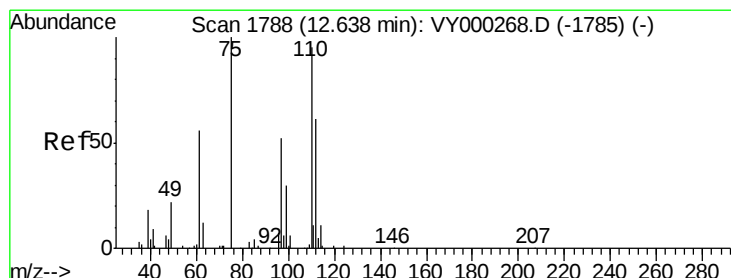
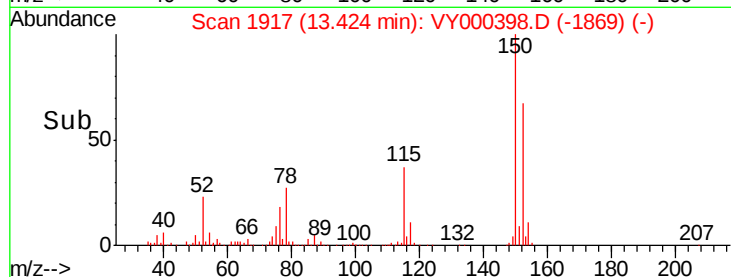
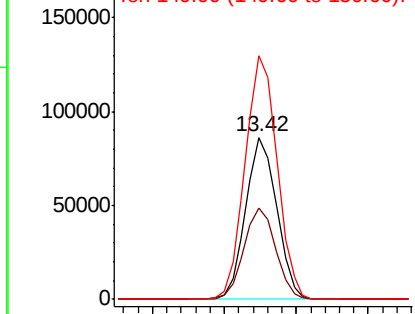
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000398.D
Acq: 23 Oct 2019 21:47

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 128622
Ion Ratio Lower Upper
152 100
115 57.1 29.3 88.0
150 155.0 0.0 348.4



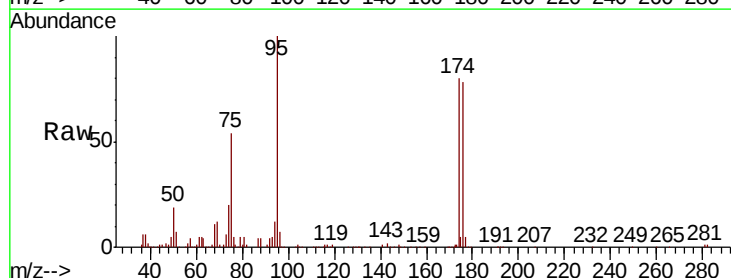
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



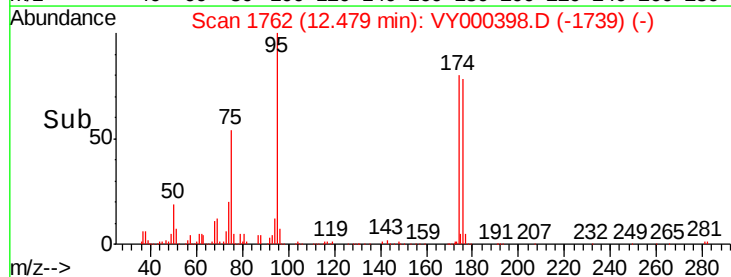
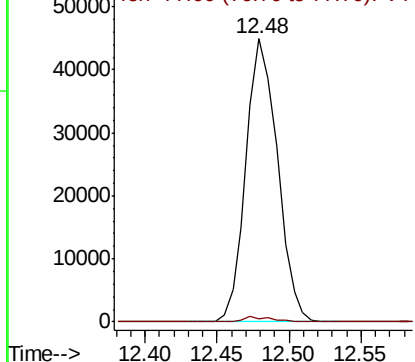
#76

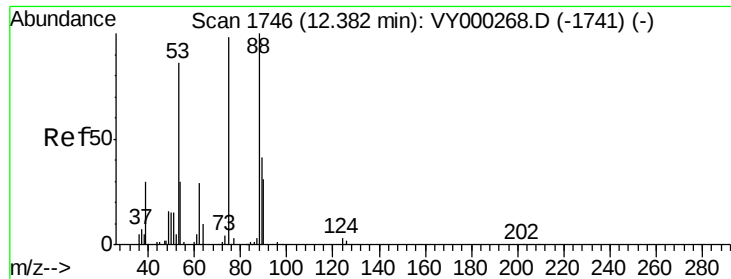
1,2,3-Trichloropropane
Concen: 43.068 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000398.D
Acq: 23 Oct 2019 21:47

Tgt Ion: 75 Resp: 68117
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: 94.231 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000398.D

Acq: 23 Oct 2019 21:47

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 68117

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 35.1 52.7#

