

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000416.D
 Acq On : 24 Oct 2019 17:45
 Operator : SY/MD
 Sample : K5499-06
 Misc : 3.29G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 06:41:14 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	154795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	247658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	189631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	67596	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	78416	48.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.04%	
35) Dibromofluoromethane	7.73	113	69171	46.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.60%	
50) Toluene-d8	10.18	98	283813	49.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.48	95	73270	33.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	67.12%	

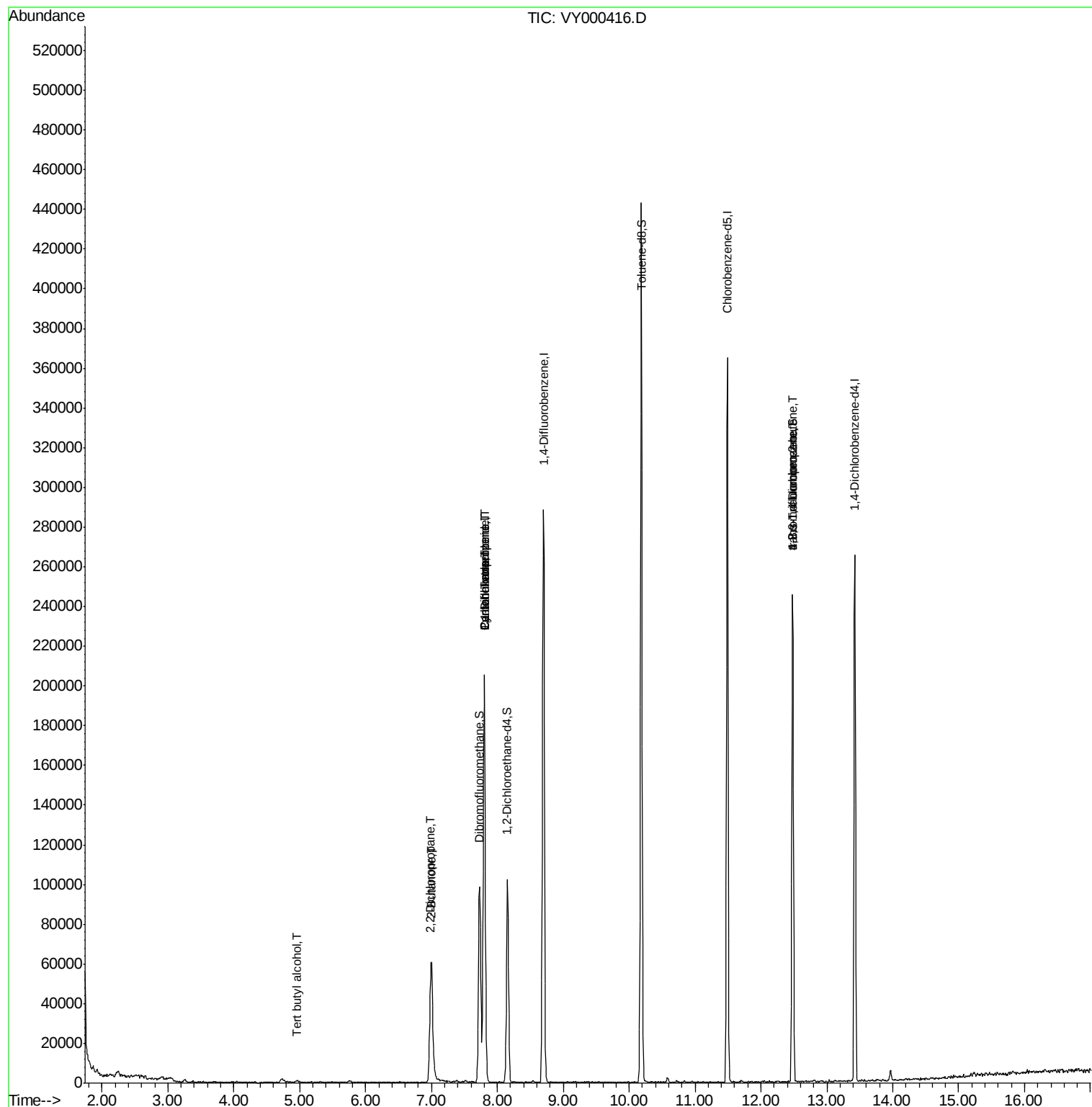
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.10	85	65	Below Cal	#	41
11) Tert butyl alcohol	4.96	59	525	3.072	ug/l #	87
20) Methylene Chloride	4.72	84	1171	Below Cal	#	44
25) 2-Butanone	6.99	43	1513	2.031	ug/l #	73
26) 2,2-Dichloropropane	6.98	77	3072	1.115	ug/l #	52
31) Cyclohexane	7.80	56	3662	1.172	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12630	5.209	ug/l #	50
38) Carbon Tetrachloride	7.80	117	14476	6.166	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	39493	47.513	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	39493	103.957	ug/l #	14

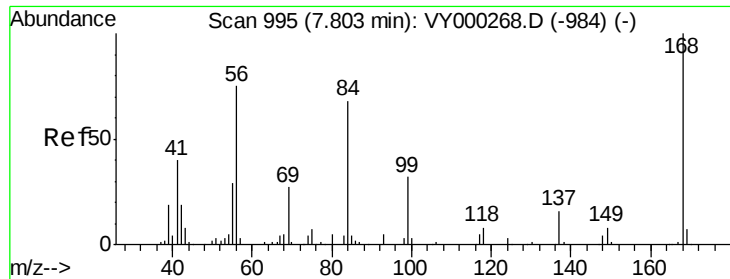
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
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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: VY000416.D

Acq: 24 Oct 2019 17:45

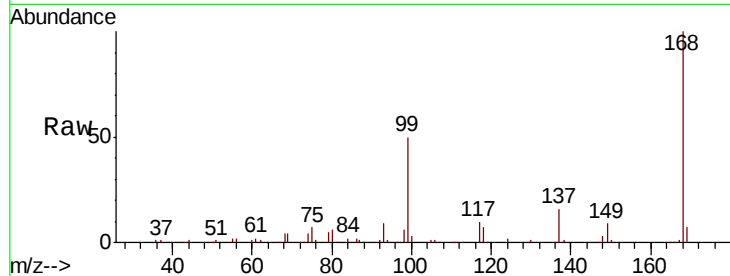
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 154795

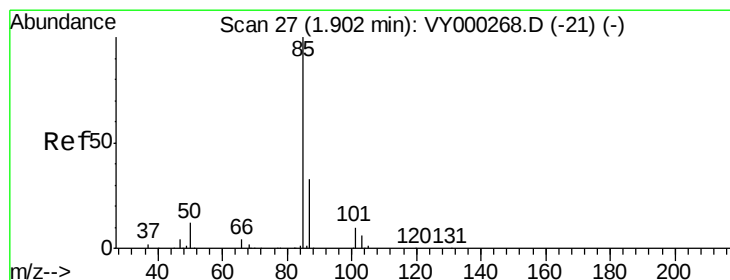
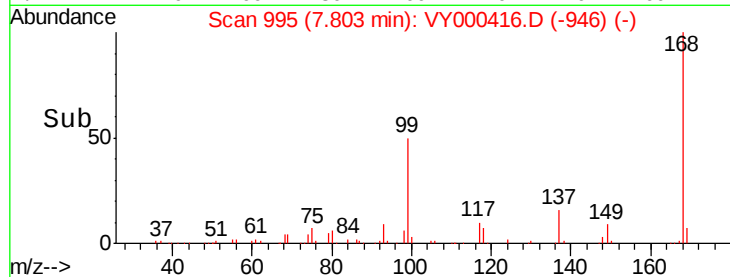
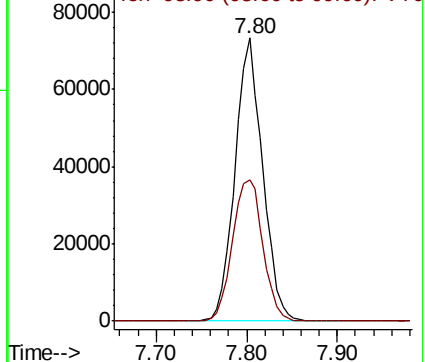
Ion Ratio Lower Upper

168 100

99 49.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000416.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.10 min Scan# 59

Delta R.T. 0.20 min

Lab File: VY000416.D

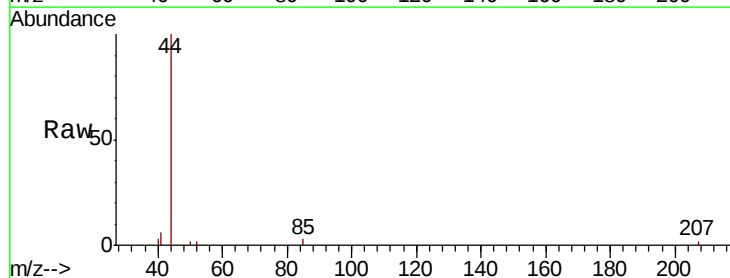
Acq: 24 Oct 2019 17:45

Tgt Ion: 85 Resp: 65

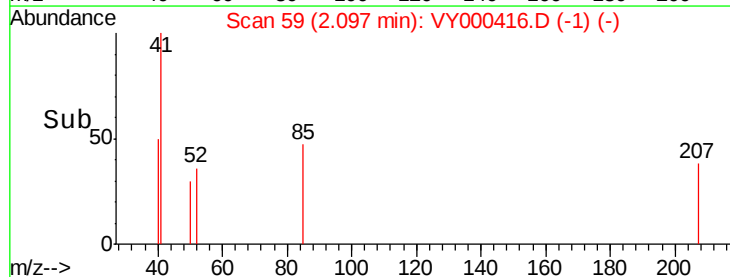
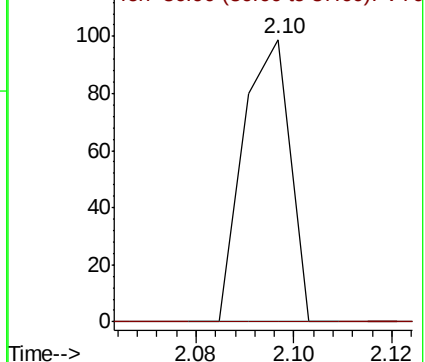
Ion Ratio Lower Upper

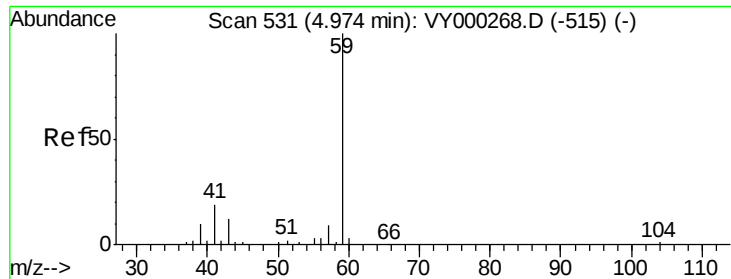
85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000416.D (-1) (-)

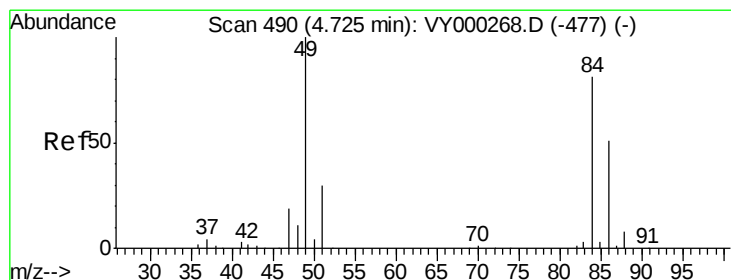
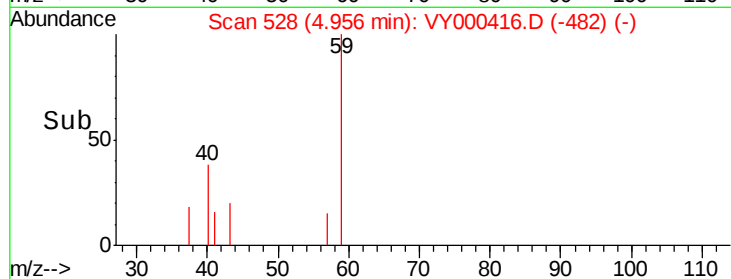
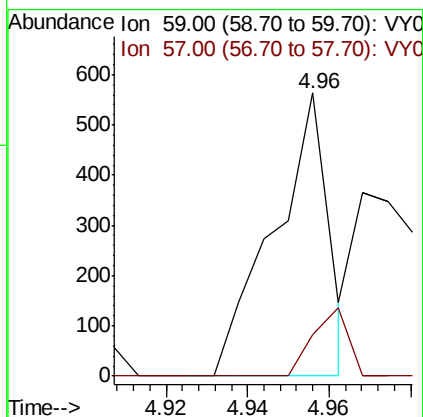
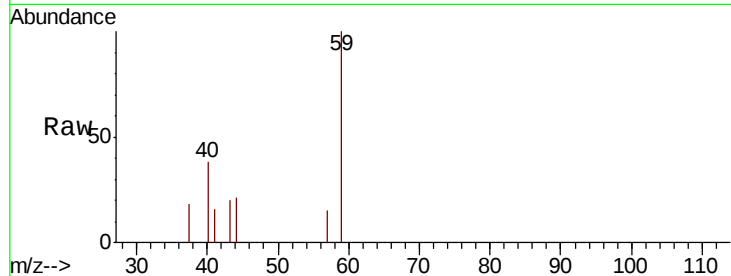




#11
Tert butyl alcohol
Concen: 3.072 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.02 min
Lab File: VY000416.D
Acq: 24 Oct 2019 17:45

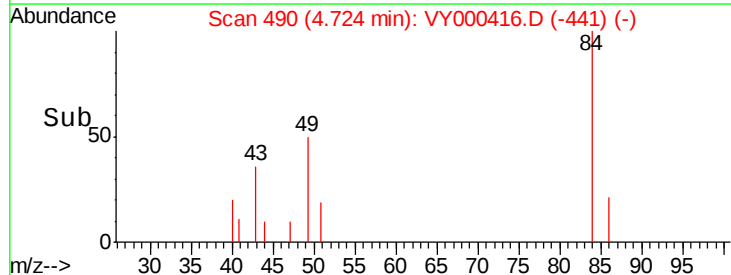
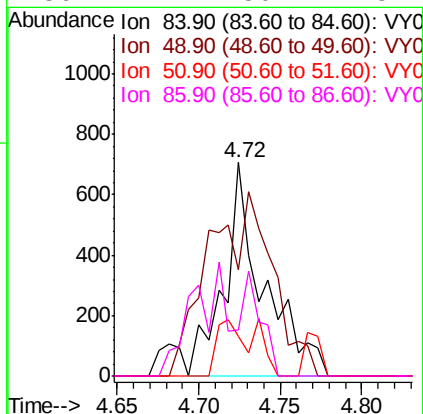
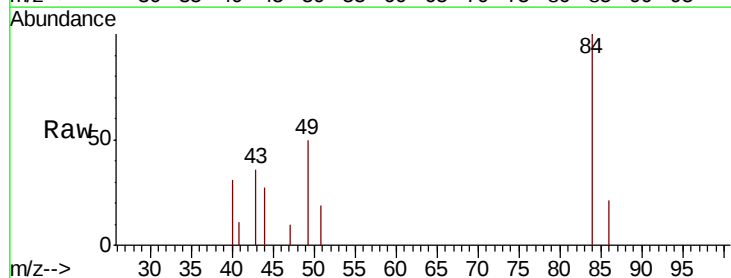
Instrument :
MSVOA_Y
ClientSampleId :

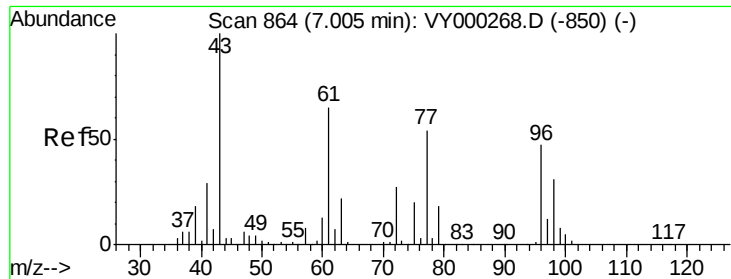
Tot Ion: 59 Resp: 525
Ion Ratio Lower Upper
59 100
57 15.0 8.2 12.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000416.D
Acq: 24 Oct 2019 17:45

Tgt Ion: 84 Resp: 1171
Ion Ratio Lower Upper
84 100
49 49.6 99.0 148.4#
51 18.8 29.3 43.9#
86 21.4 50.2 75.4#

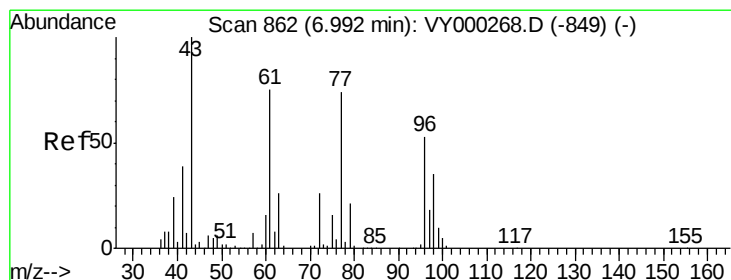
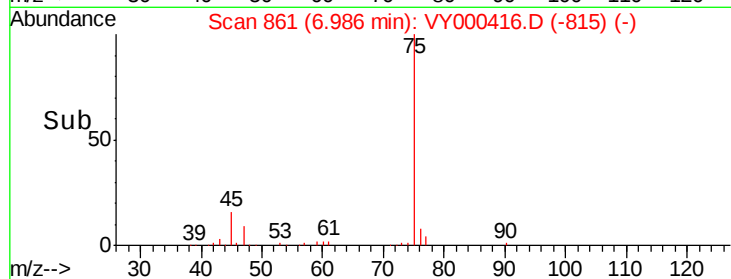
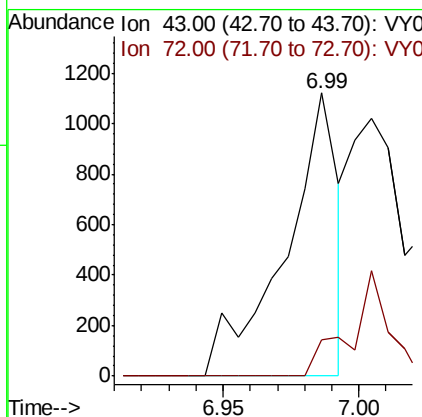
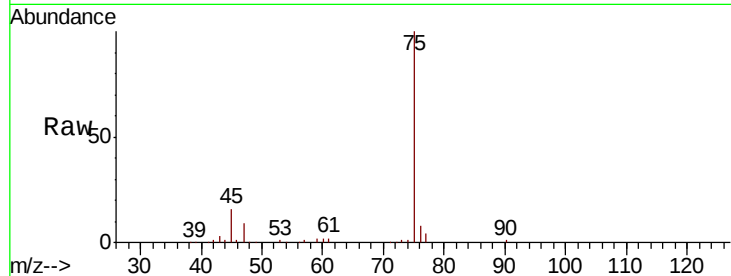




#25
2-Butanone
Concen: 2.031 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.02 min
Lab File: VY000416.D
Acq: 24 Oct 2019 17:45

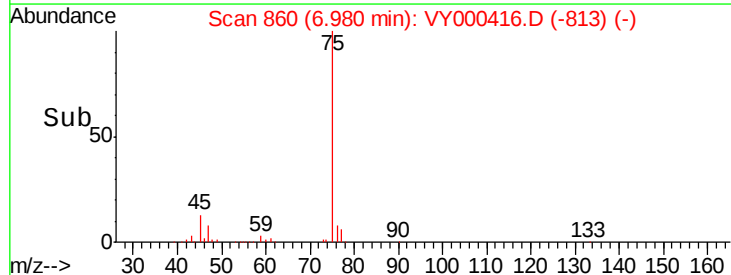
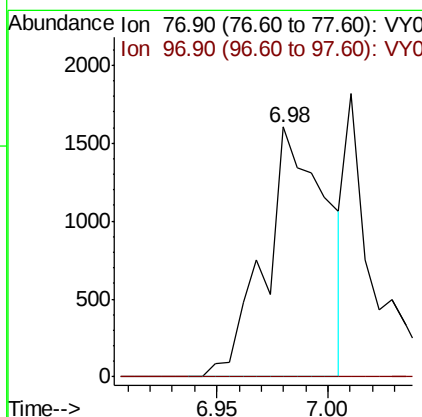
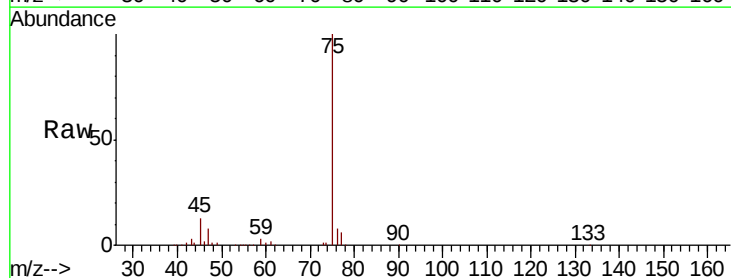
Instrument :
MSVOA_Y
ClientSampleId :

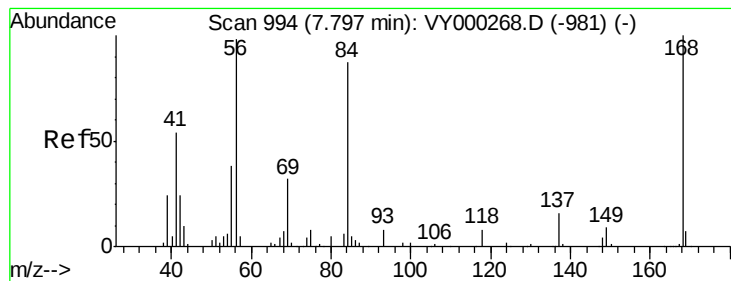
Tot Ion: 43 Resp: 1513
Ion Ratio Lower Upper
43 100
72 12.9 21.4 32.2#



#26
2,2-Dichloropropane
Concen: 1.115 ug/l
RT: 6.98 min Scan# 860
Delta R.T. -0.01 min
Lab File: VY000416.D
Acq: 24 Oct 2019 17:45

Tgt Ion: 77 Resp: 3072
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#





#31

Cyclohexane

Concen: 1.172 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

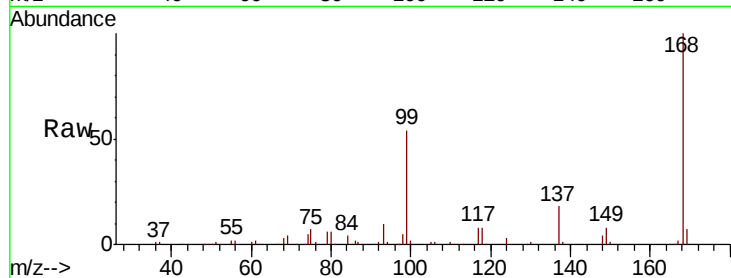
Lab File: VY000416.D

Acq: 24 Oct 2019 17:45

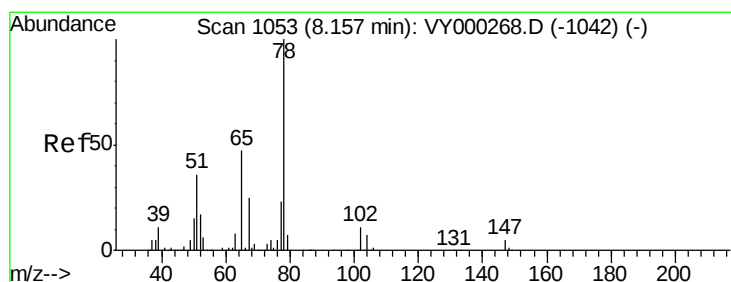
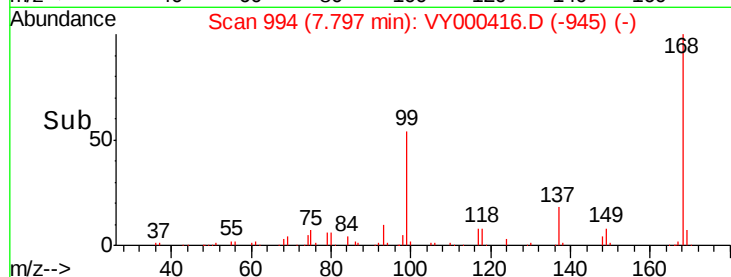
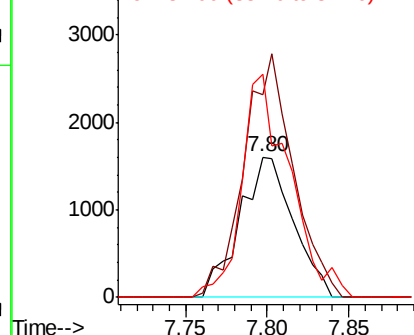
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 3662

Ion	Ratio	Lower	Upper
56	100		
69	144.5	26.3	39.5#
84	159.0	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: 48.024 ug/l

RT: 8.16 min Scan# 1053

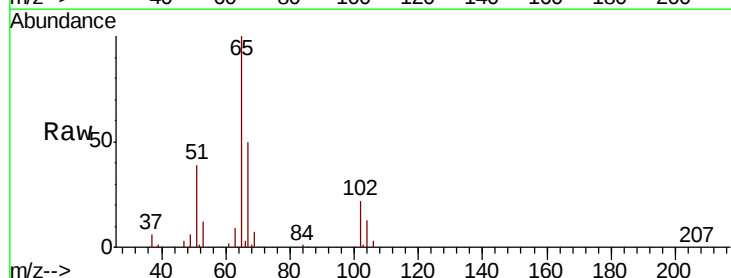
Delta R.T. -0.00 min

Lab File: VY000416.D

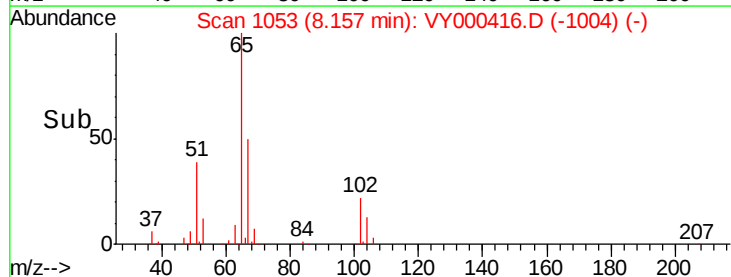
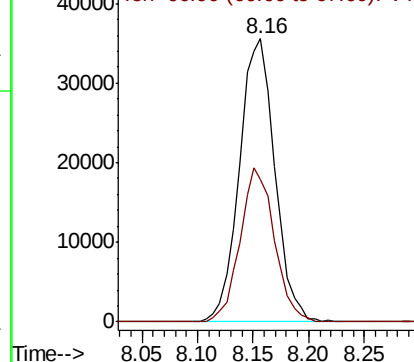
Acq: 24 Oct 2019 17:45

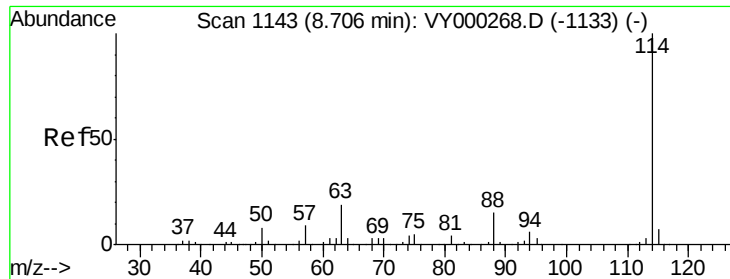
Tgt Ion: 65 Resp: 78416

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

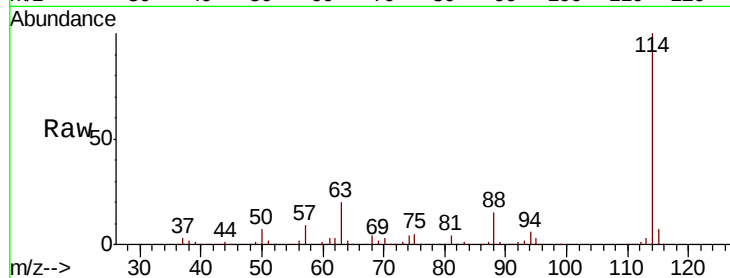




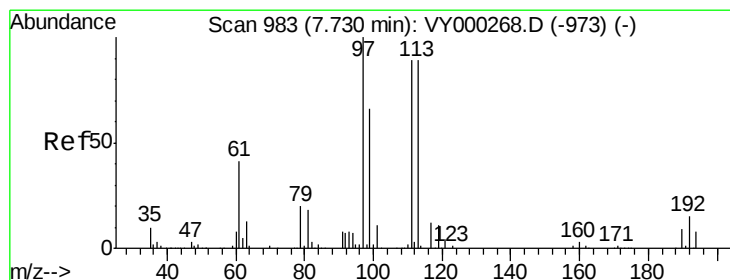
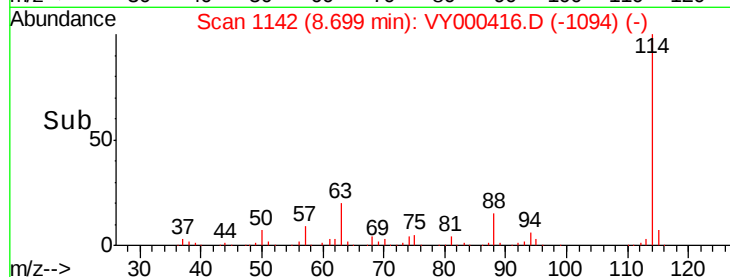
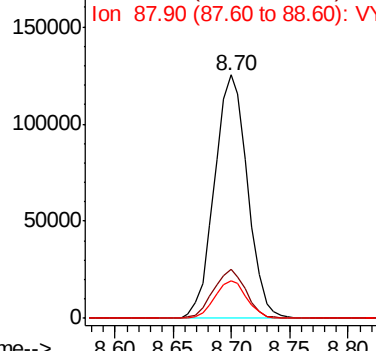
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000416.D
Acq: 24 Oct 2019 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:114 Resp: 247658
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.2
88 15.3 0.0 30.2

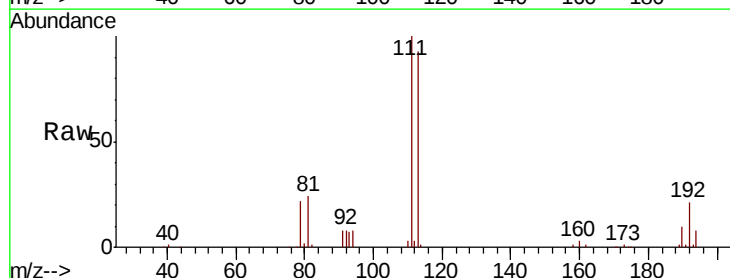


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

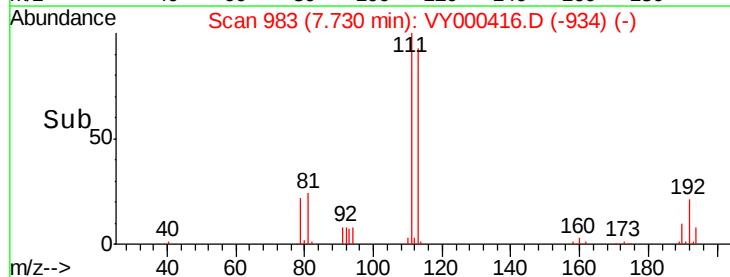
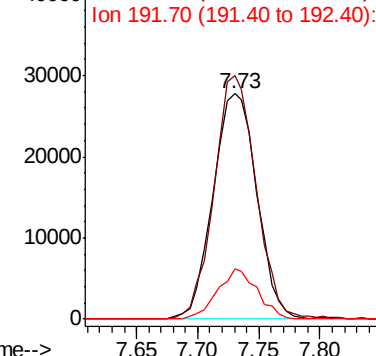


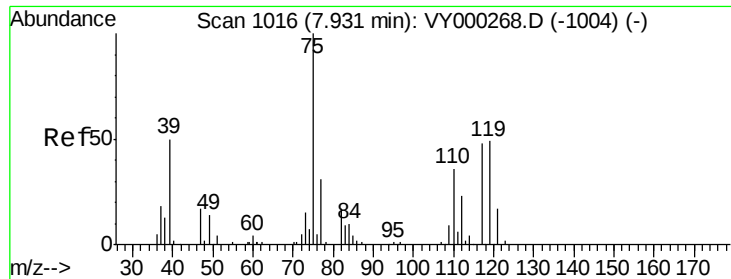
#35
Dibromofluoromethane
Concen: 46.302 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000416.D
Acq: 24 Oct 2019 17:45

Tgt Ion:113 Resp: 69171
Ion Ratio Lower Upper
113 100
111 103.7 81.6 122.4
192 20.4 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

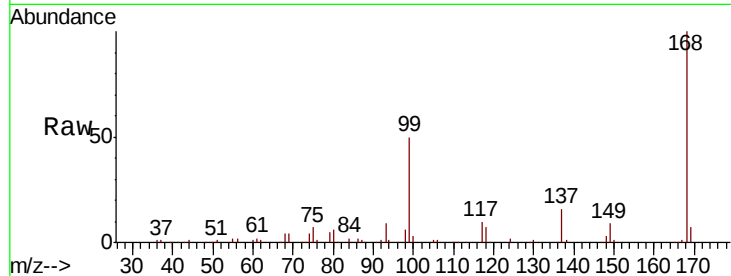




#36
 1,1-Dichloropropene
 Concen: 5.209 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000416.D
 Acq: 24 Oct 2019 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :

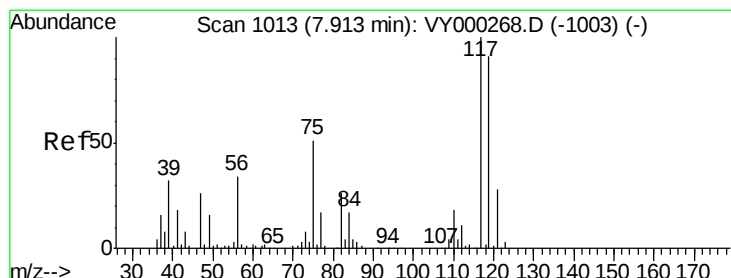
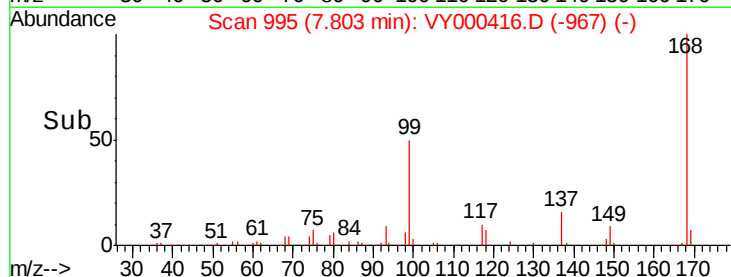
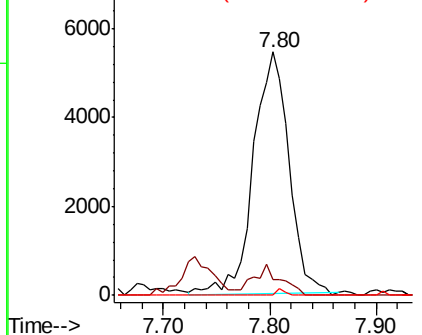
Tot Ion	75	Resp	12630
Ion Ratio	Lower	Upper	
75	100		
110	9.8	18.4	55.4#
77	0.6	25.0	37.6#



Abundance Ion 74.90 (74.60 to 75.60): VY000416.D (-967) (-)

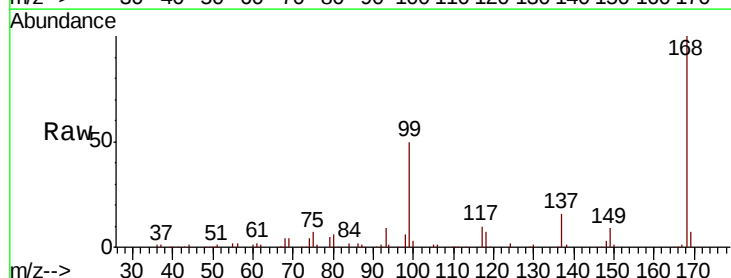
Ion 109.90 (109.60 to 110.60): VY000416.D (-967) (-)

Ion 76.90 (76.60 to 77.60): VY000416.D (-967) (-)



#38
 Carbon Tetrachloride
 Concen: 6.166 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000416.D
 Acq: 24 Oct 2019 17:45

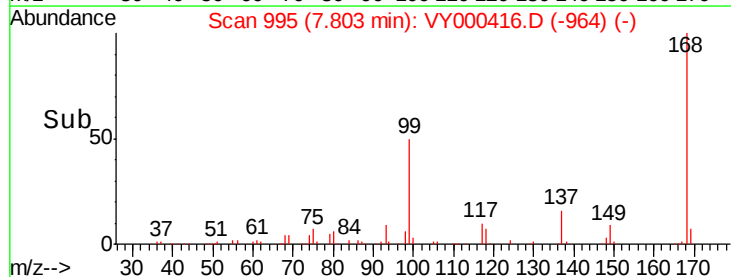
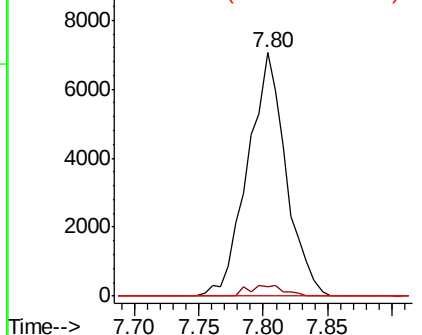
Tgt Ion	117	Resp	14476
Ion Ratio	Lower	Upper	
117	100		
119	4.0	72.8	109.2#
121	0.0	22.2	33.2#

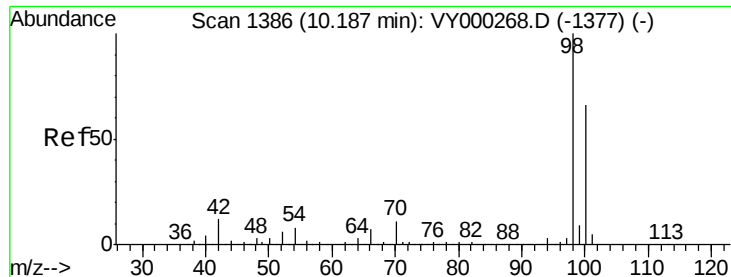


Abundance Ion 116.80 (116.50 to 117.50): VY000416.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY000416.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY000416.D (-964) (-)





#50

Toluene-d8

Concen: 49.388 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000416.D

Acq: 24 Oct 2019 17:45

Instrument :

MSVOA_Y

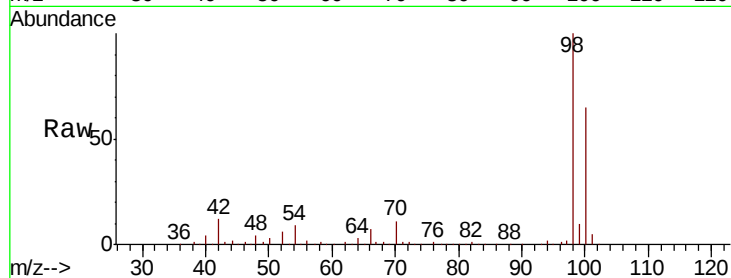
ClientSampleId :

Tot Ion: 98 Resp: 283813

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY000268.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY000268.D (-1377) (-)

10.18

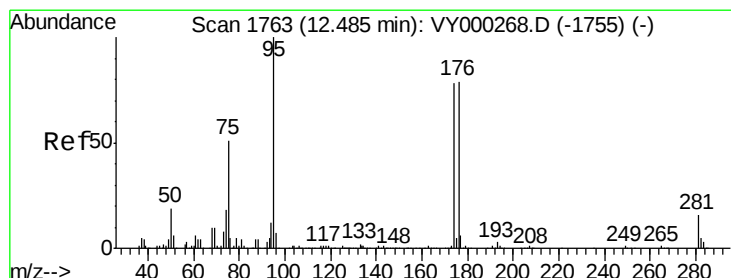
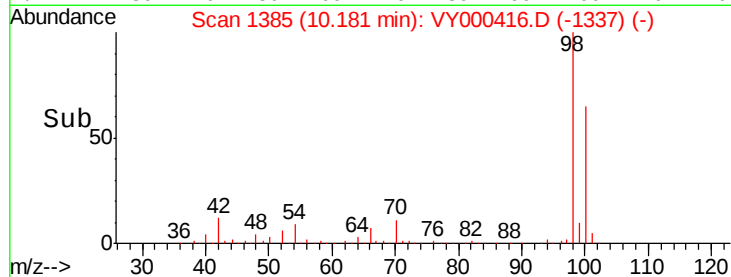
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 33.561 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000416.D

Acq: 24 Oct 2019 17:45

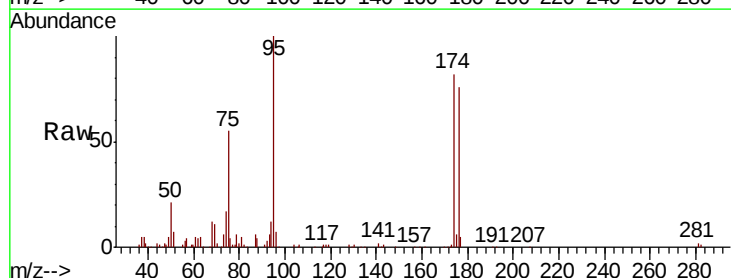
Tgt Ion: 95 Resp: 73270

Ion Ratio Lower Upper

95 100

174 82.7 0.0 159.6

176 80.1 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000268.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY000268.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY000268.D (-1755) (-)

12.48

60000

50000

40000

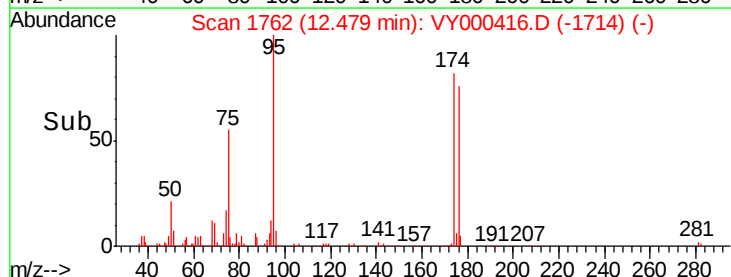
30000

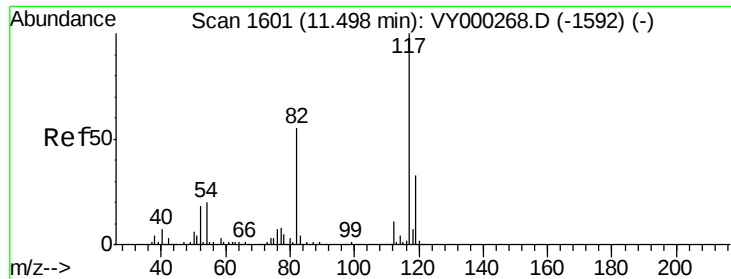
20000

10000

0

Time-->

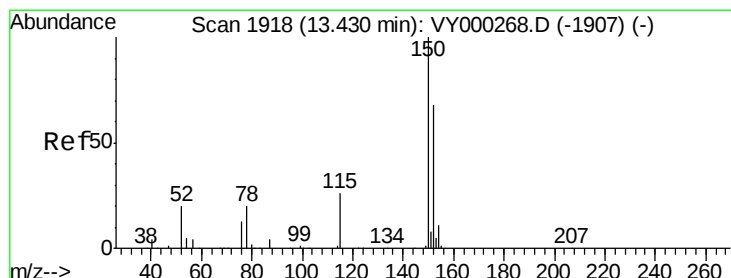
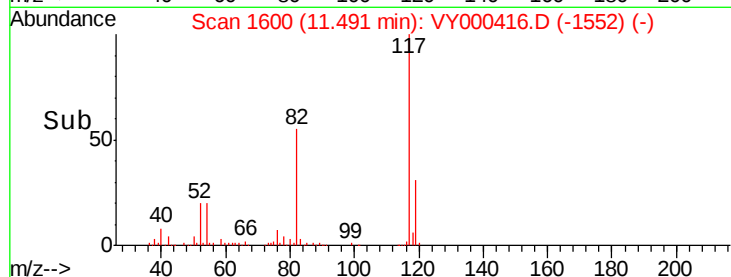
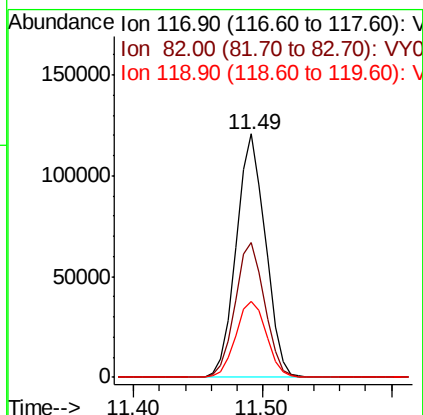
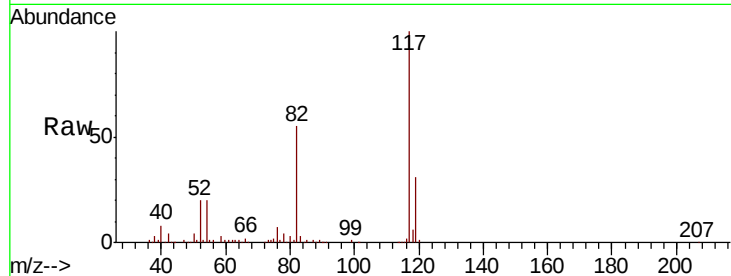




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000416.D
Acq: 24 Oct 2019 17:45

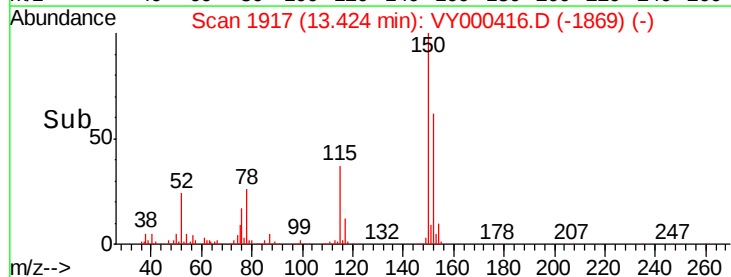
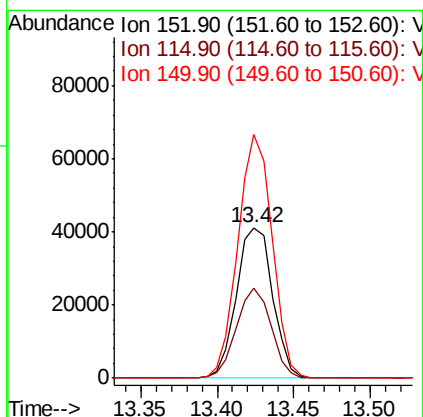
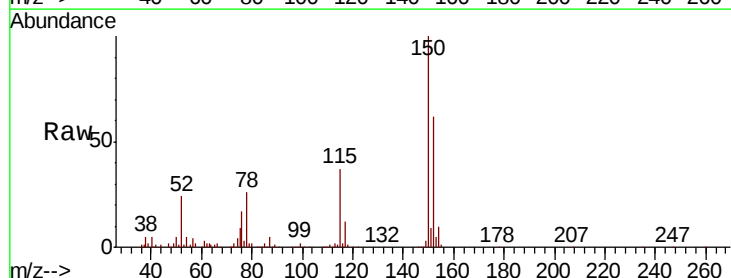
Instrument :
MSVOA_Y
ClientSampleId :

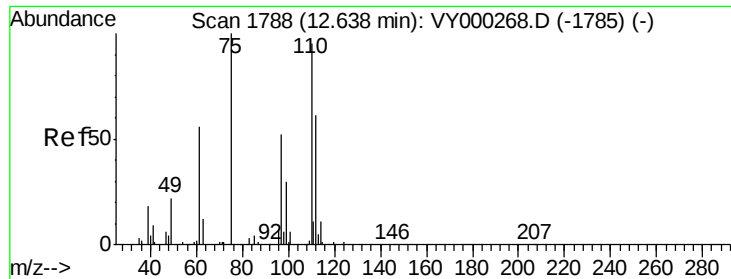
Tot Ion:117 Resp: 189631
Ion Ratio Lower Upper
117 100
82 55.3 43.7 65.5
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000416.D
Acq: 24 Oct 2019 17:45

Tgt Ion:152 Resp: 67596
Ion Ratio Lower Upper
152 100
115 57.2 29.3 88.0
150 153.2 0.0 348.4

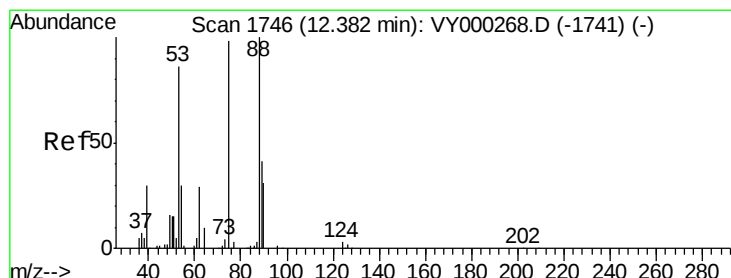
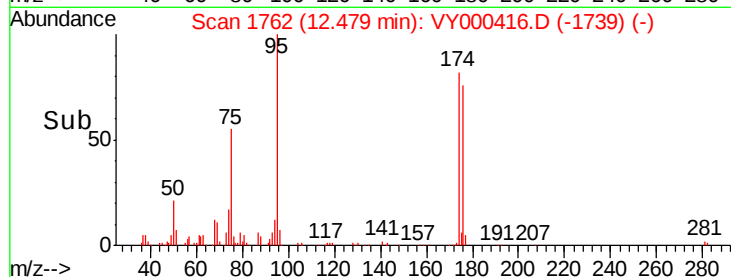
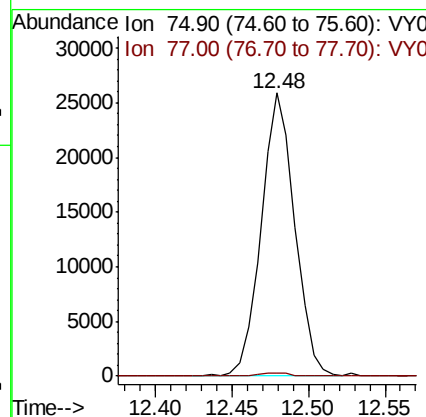
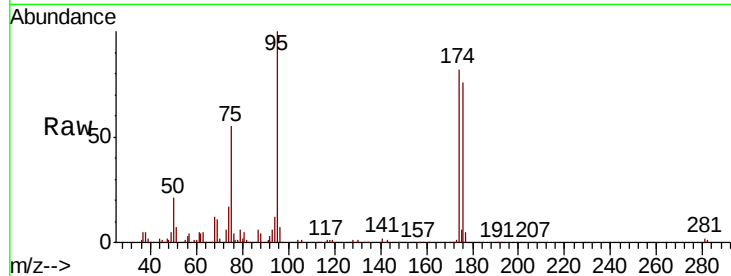




#76
 1,2,3-Trichloropropane
 Concen: 47.513 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.16 min
 Lab File: VY000416.D
 Acq: 24 Oct 2019 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 39493
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.957 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000416.D
 Acq: 24 Oct 2019 17:45

Tgt Ion: 75 Resp: 39493
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.0 35.1 52.7#

