

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
 Data File : VY000476.D
 Acq On : 29 Oct 2019 15:52
 Operator : SY/MD
 Sample : K5564-05RE
 Misc : 5.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 07:19:27 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	180587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	317098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	256636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	87174	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	104426	54.82	ug/l	0.00
Spiked Amount			Recovery	=	109.64%	
35) Dibromofluoromethane	7.73	113	94231	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
50) Toluene-d8	10.19	98	355273	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.48	95	95738	34.25	ug/l	0.00
Spiked Amount			Recovery	=	68.50%	

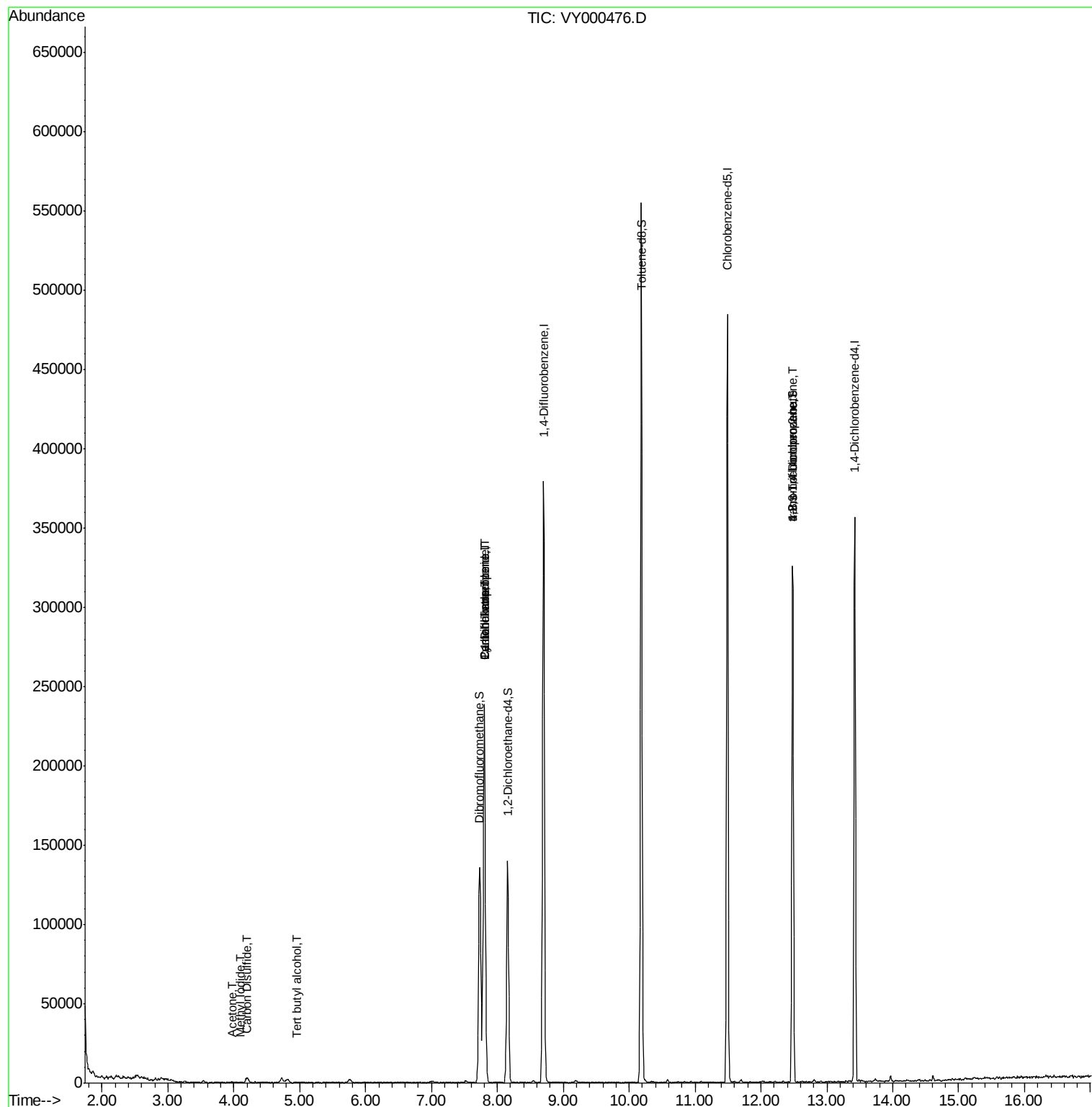
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	44	Below Cal	#	41
10) Methyl Iodide	4.10	142	93	1.220	ug/l #	41
11) Tert butyl alcohol	4.96	59	230	1.154	ug/l #	73
16) Acetone	3.97	43	922	1.495	ug/l #	7
17) Carbon Disulfide	4.19	76	6920	1.205	ug/l	95
20) Methylene Chloride	4.73	84	1923	Below Cal	#	80
31) Cyclohexane	7.80	56	4859	1.333	ug/l #	36
36) 1,1-Dichloropropene	7.80	75	14119	4.548	ug/l #	47
38) Carbon Tetrachloride	7.80	117	18076	6.013	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	52603	49.073	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	52603	107.369	ug/l #	14

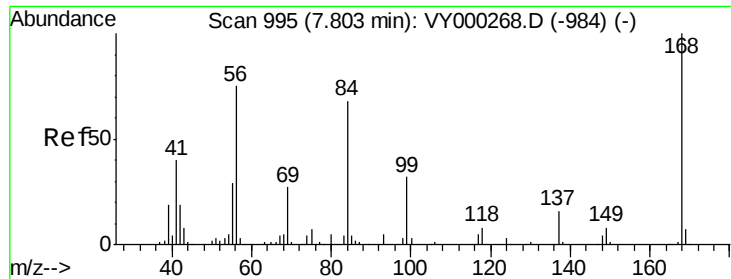
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
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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: VY000476.D

Acq: 29 Oct 2019 15:52

Instrument :

MSVOA_Y

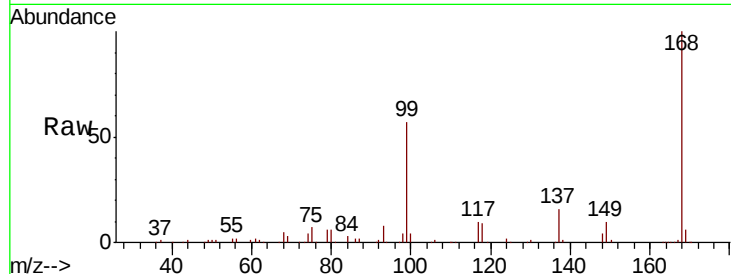
ClientSampleId :

Tot Ion:168 Resp: 180587

Ion Ratio Lower Upper

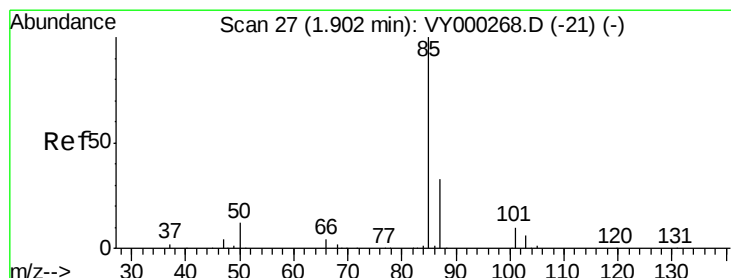
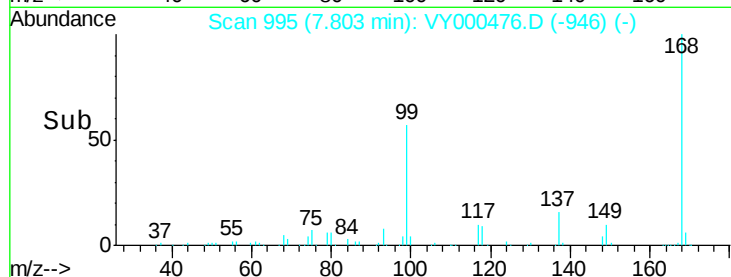
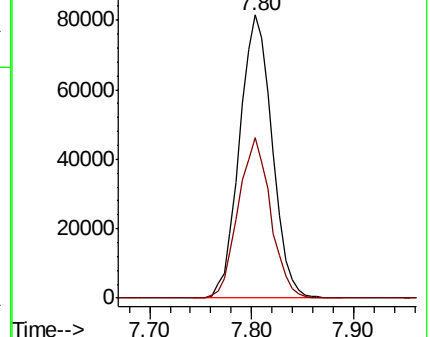
168 100

99 56.8 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000476.D

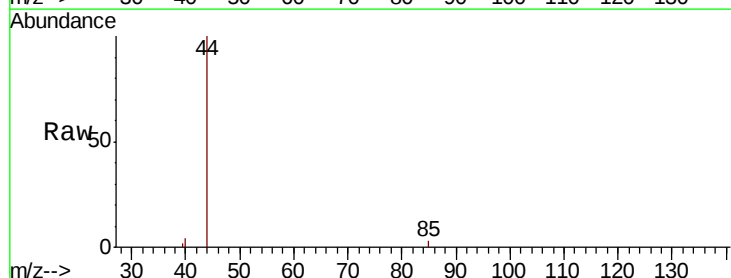
Acq: 29 Oct 2019 15:52

Tgt Ion: 85 Resp: 44

Ion Ratio Lower Upper

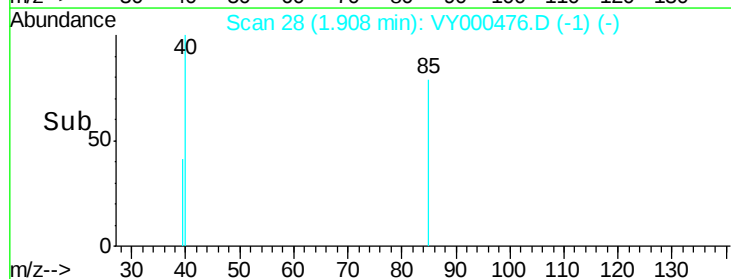
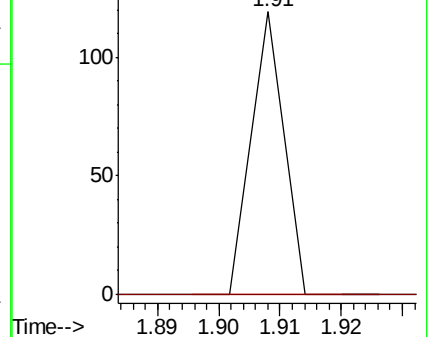
85 100

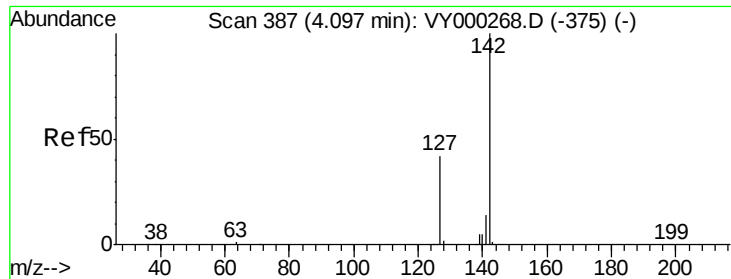
87 0.0 16.6 49.8#



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

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

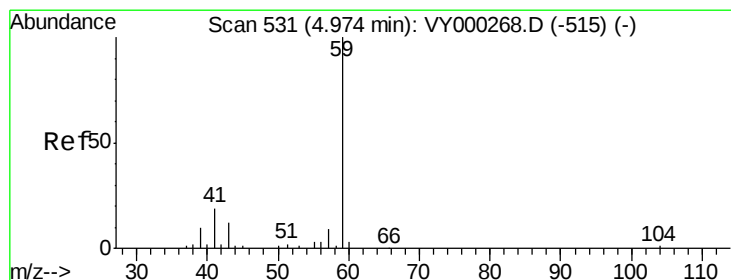
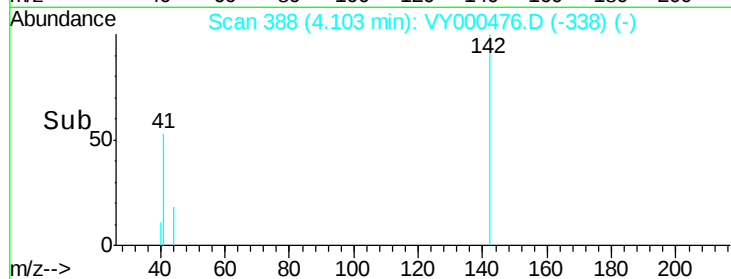
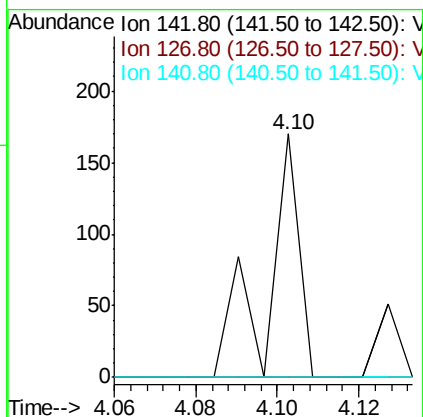
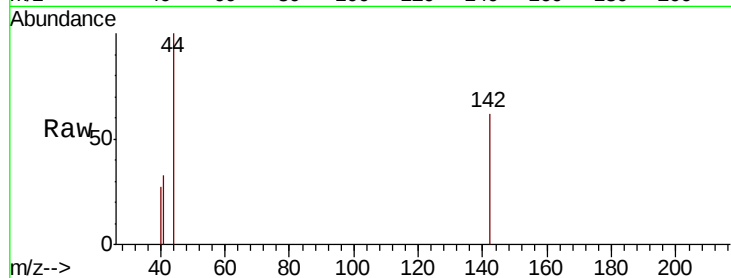




#10
Methvl Iodide
Concen: 1.220 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000476.D
Acq: 29 Oct 2019 15:52

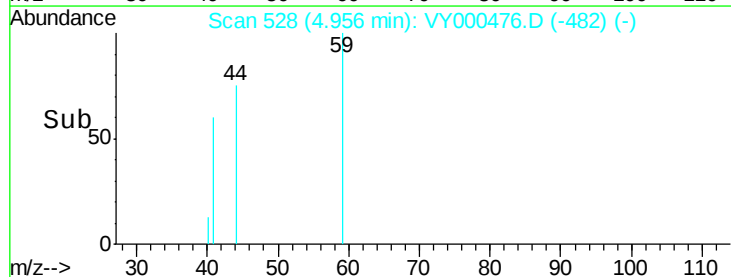
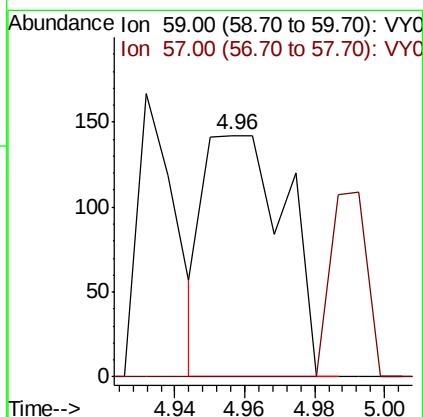
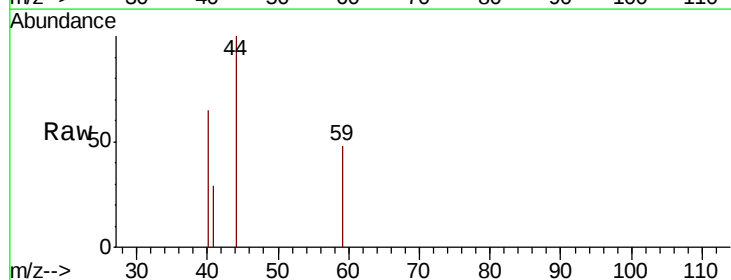
Instrument :
MSVOA_Y
ClientSampled :

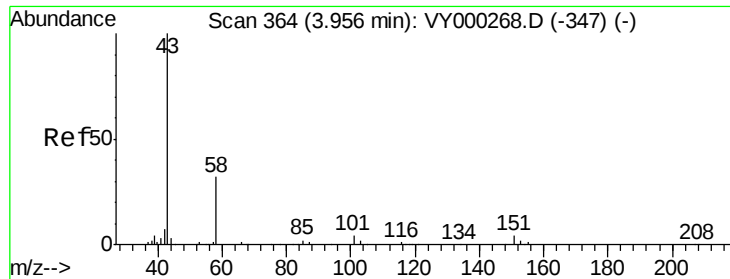
Tot Ion:142 Resp: 93
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 1.154 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.02 min
Lab File: VY000476.D
Acq: 29 Oct 2019 15:52

Tgt Ion: 59 Resp: 230
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 1.495 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000476.D

Acq: 29 Oct 2019 15:52

Instrument :

MSVOA_Y

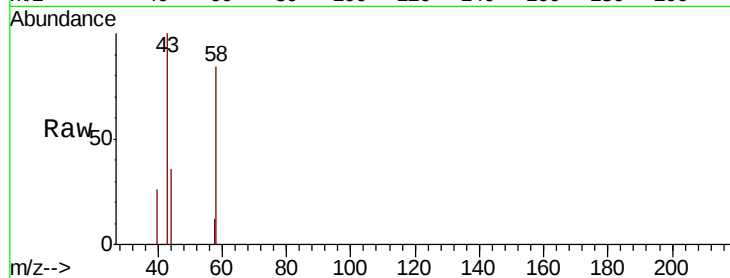
ClientSampled :

Tot Ion: 43 Resp: 922

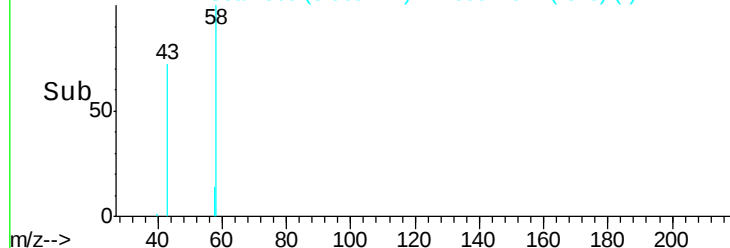
Ion Ratio Lower Upper

43 100

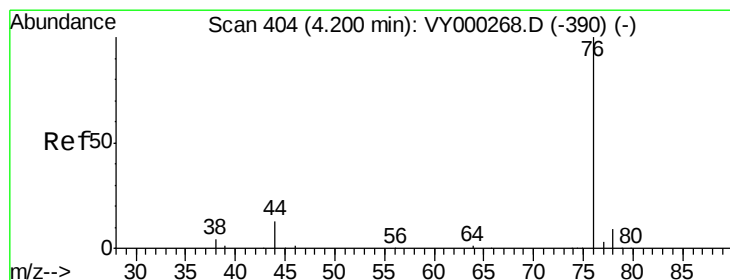
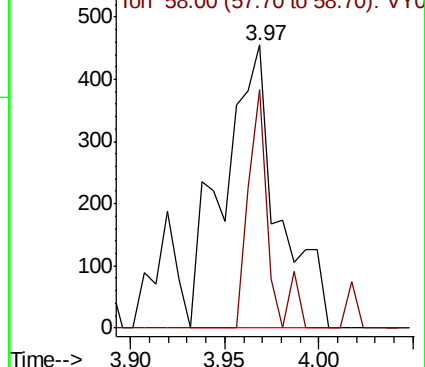
58 84.4 25.8 38.6#



Scan 366 (3.969 min): VY000476.D (-315) (-)



Abundance Ion 43.00 (42.70 to 43.70): VY0



#17

Carbon Disulfide

Concen: 1.205 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000476.D

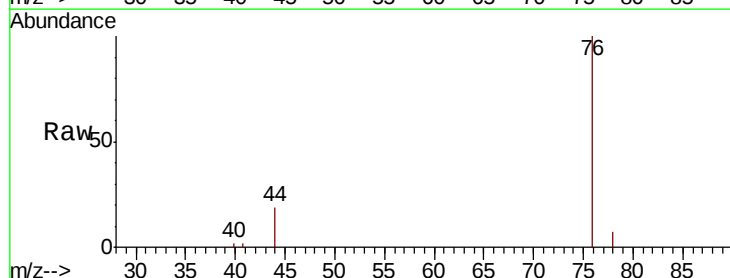
Acq: 29 Oct 2019 15:52

Tgt Ion: 76 Resp: 6920

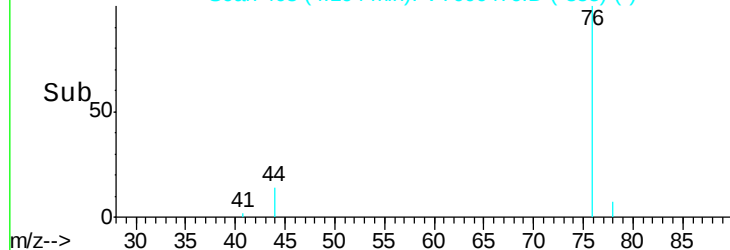
Ion Ratio Lower Upper

76 100

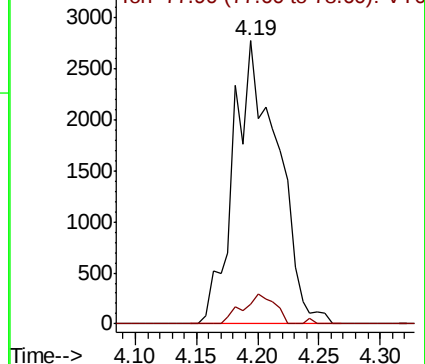
78 7.1 7.0 10.4

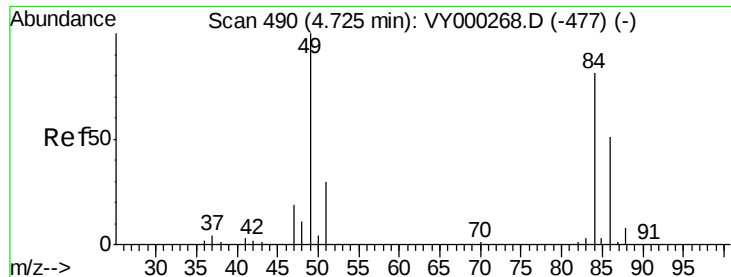


Scan 403 (4.194 min): VY000476.D (-355) (-)



Abundance Ion 75.90 (75.60 to 76.60): VY0

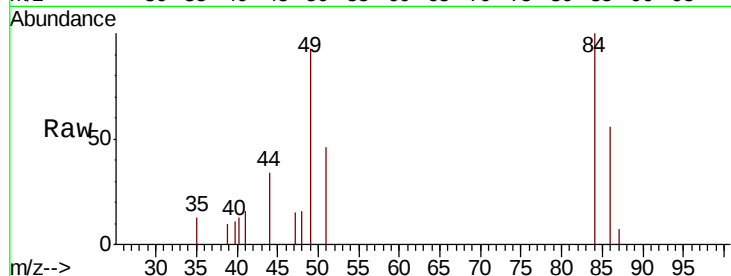




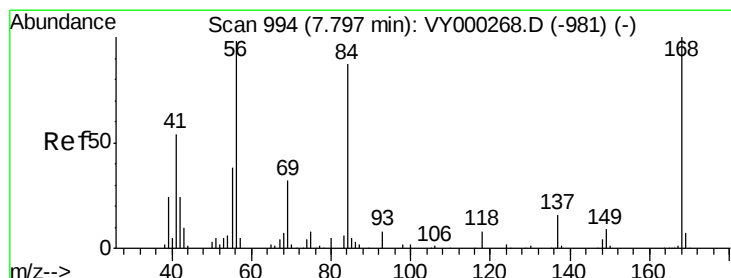
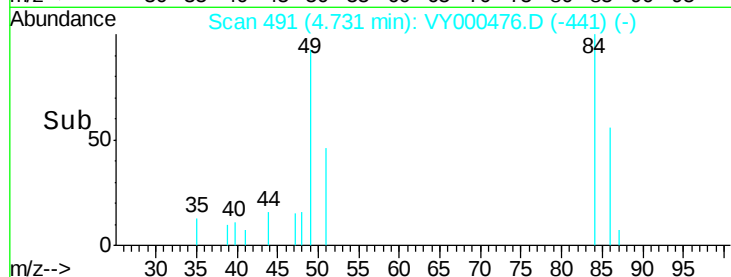
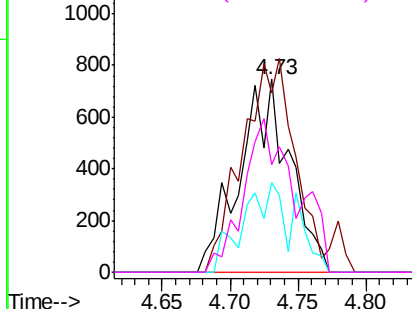
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000476.D
Acq: 29 Oct 2019 15:52

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 1923
Ion Ratio Lower Upper
84 100
49 92.8 99.0 148.4#
51 46.3 29.3 43.9#
86 55.8 50.2 75.4

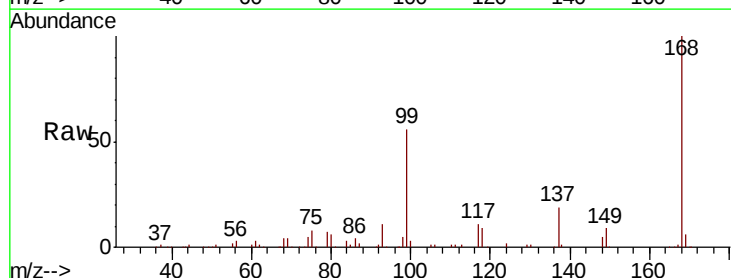


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

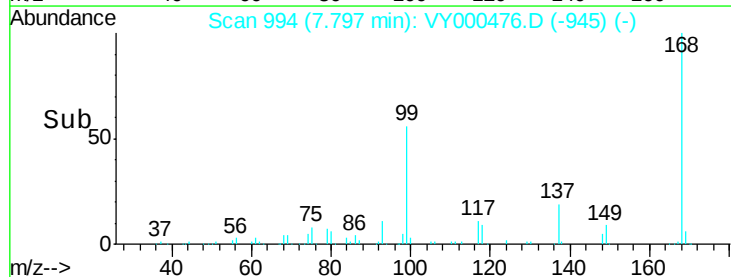
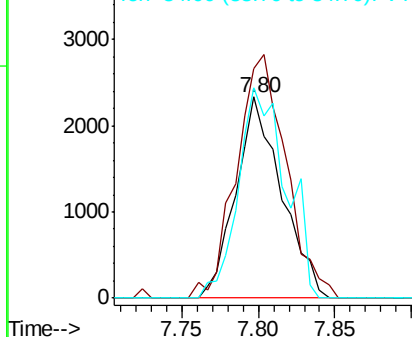


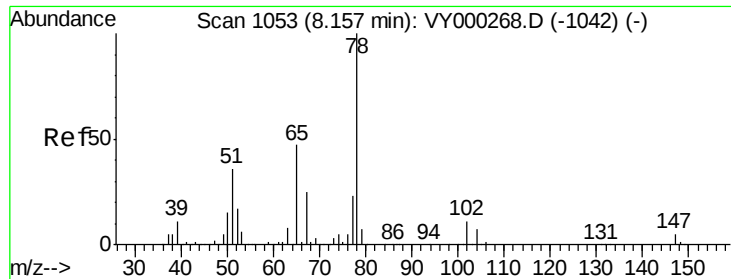
#31
Cyclohexane
Concen: 1.333 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000476.D
Acq: 29 Oct 2019 15:52

Tgt Ion: 56 Resp: 4859
Ion Ratio Lower Upper
56 100
69 114.5 26.3 39.5#
84 120.7 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

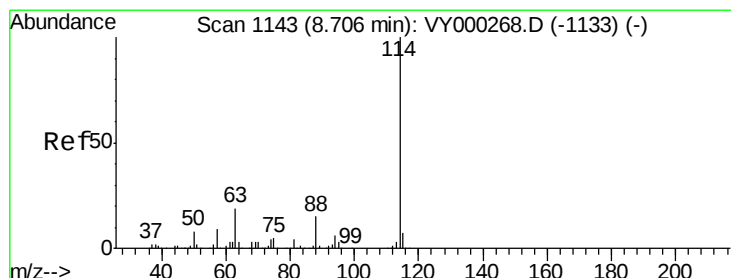
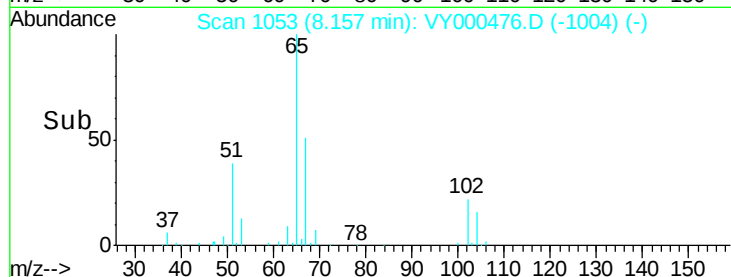
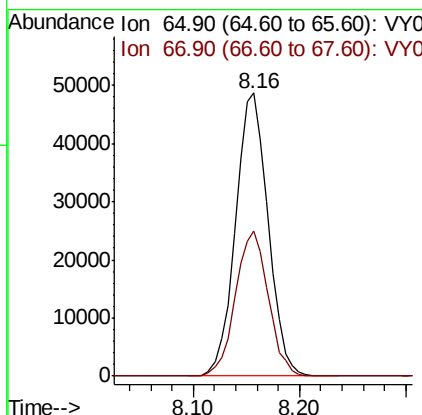
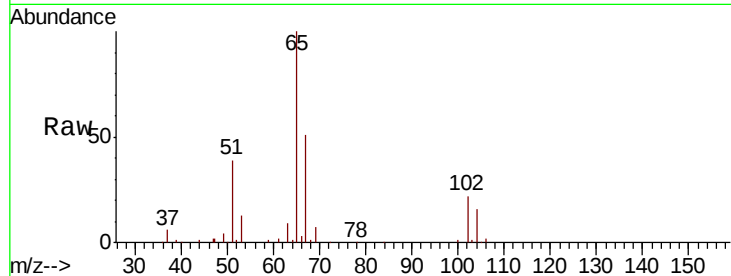




#33
 1,2-Dichloroethane-d4
 Concen: 54.819 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000476.D
 Acq: 29 Oct 2019 15:52

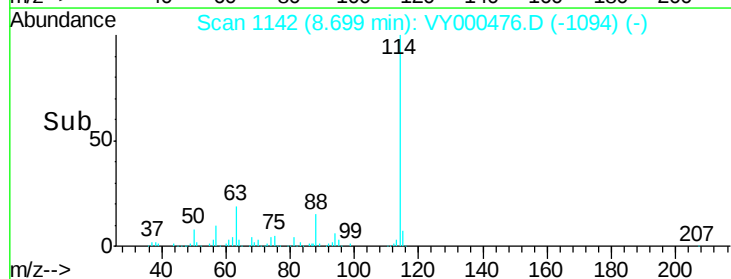
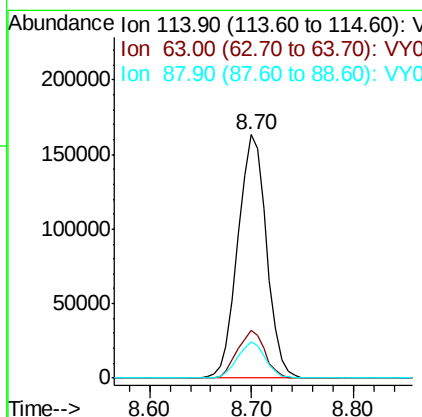
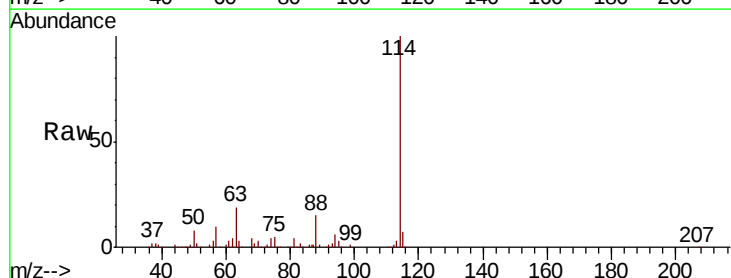
Instrument :
 MSVOA_Y
 ClientSampled :

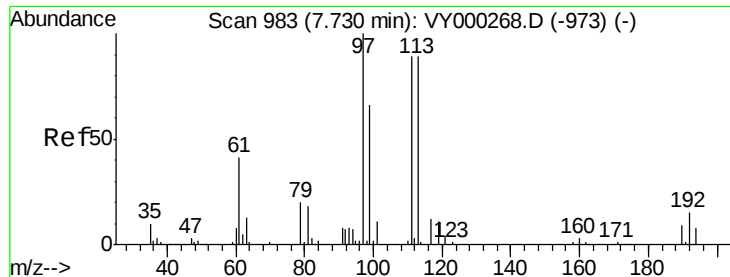
Tot Ion: 65 Resp: 104426
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000476.D
 Acq: 29 Oct 2019 15:52

Tgt Ion: 114 Resp: 317098
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.2
 88 14.8 0.0 30.2

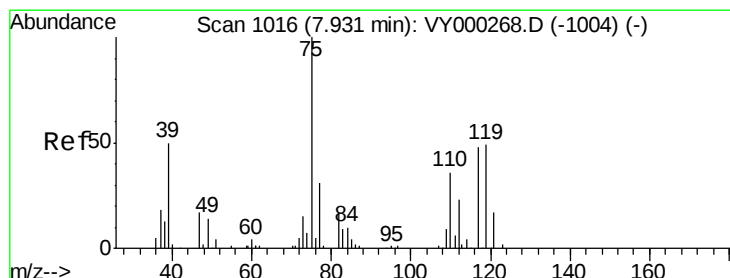
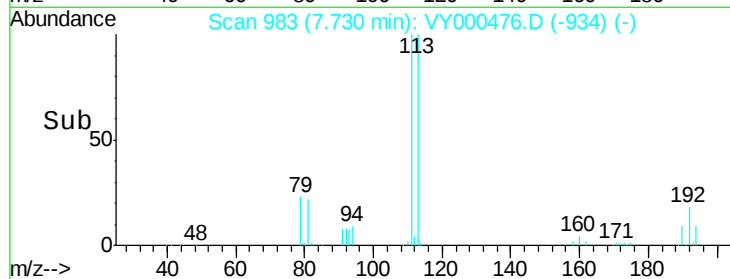
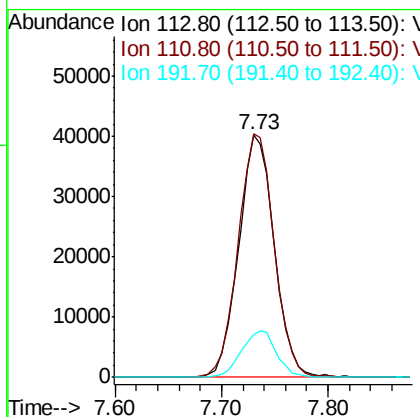
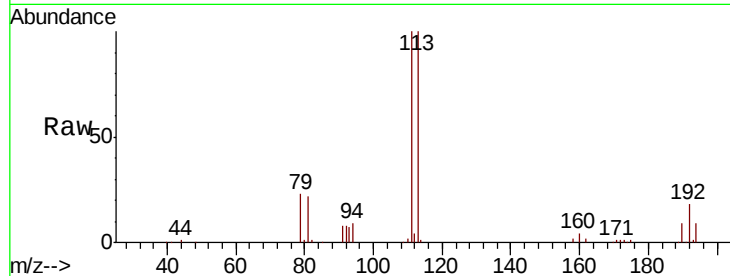




#35
 Dibromofluoromethane
 Concen: 49.264 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000476.D
 Acq: 29 Oct 2019 15:52

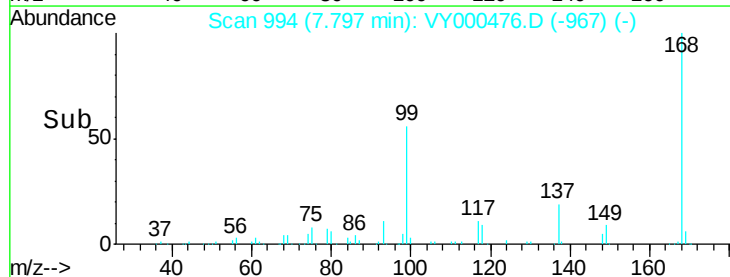
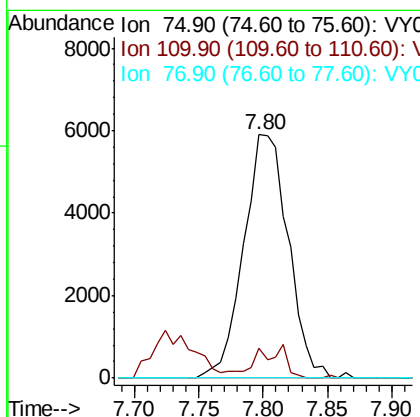
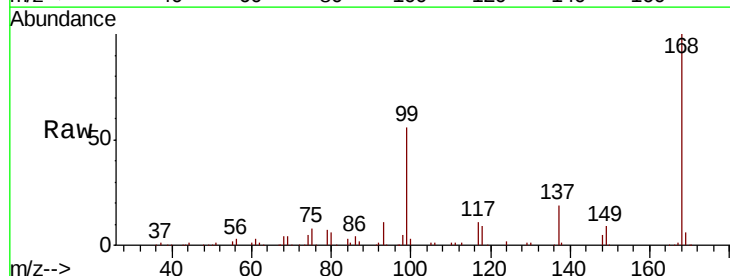
Instrument :
 MSVOA_Y
 ClientSampled :

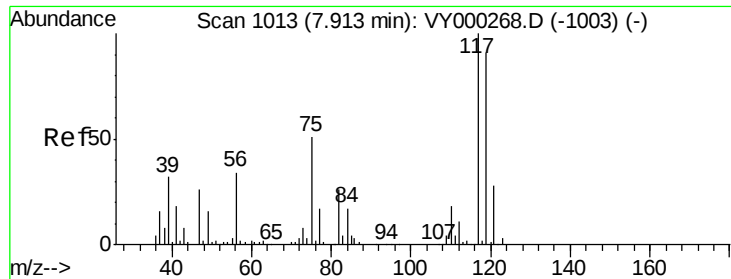
Tot Ion:113 Resp: 94231
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.6 122.4
 192 18.9 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 4.548 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000476.D
 Acq: 29 Oct 2019 15:52

Tgt Ion: 75 Resp: 14119
 Ion Ratio Lower Upper
 75 100
 110 7.7 18.4 55.4#
 77 0.0 25.0 37.6#

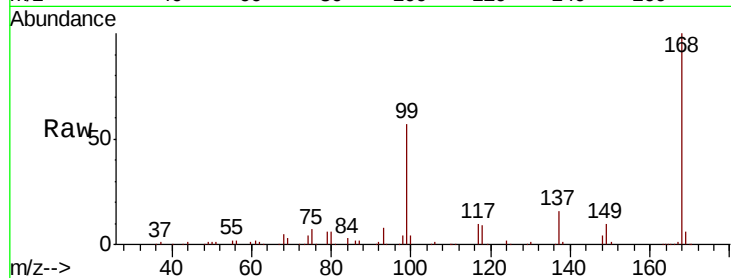




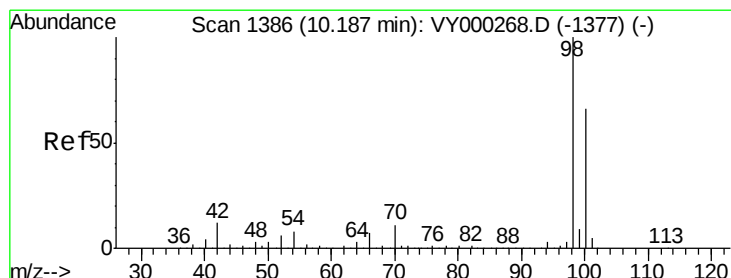
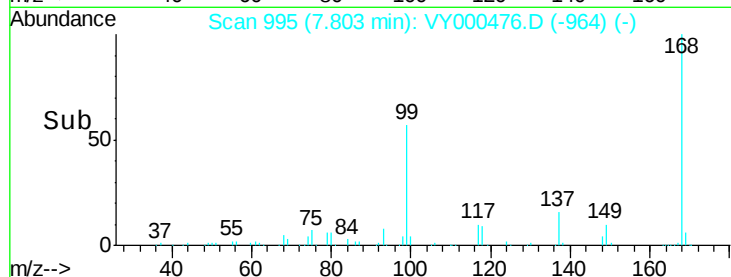
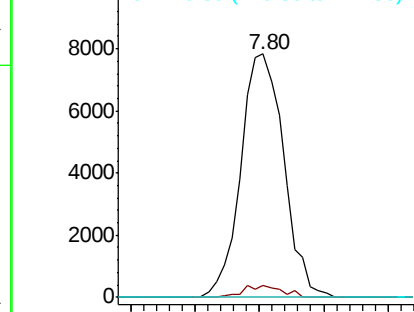
#38
Carbon Tetrachloride
Concen: 6.013 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000476.D
Acq: 29 Oct 2019 15:52

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 18076
Ion Ratio Lower Upper
117 100
119 4.7 72.8 109.2#
121 0.0 22.2 33.2#

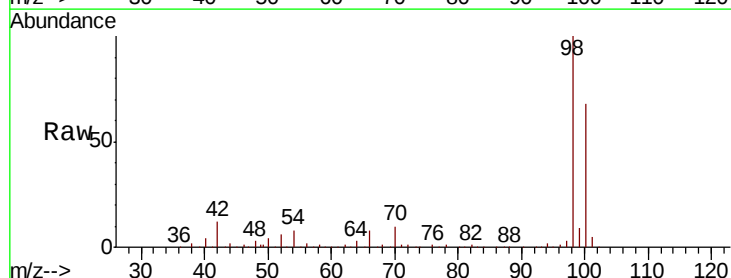


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

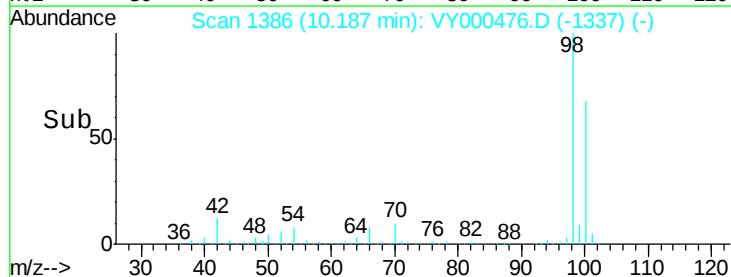
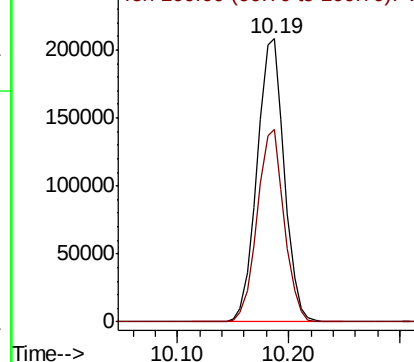


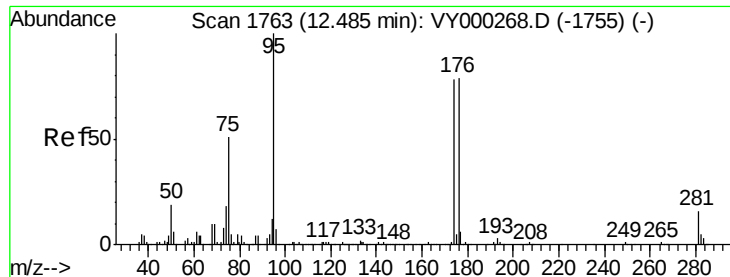
#50
Toluene-d8
Concen: 48.285 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000476.D
Acq: 29 Oct 2019 15:52

Tgt Ion: 98 Resp: 355273
Ion Ratio Lower Upper
98 100
100 67.4 52.8 79.2



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

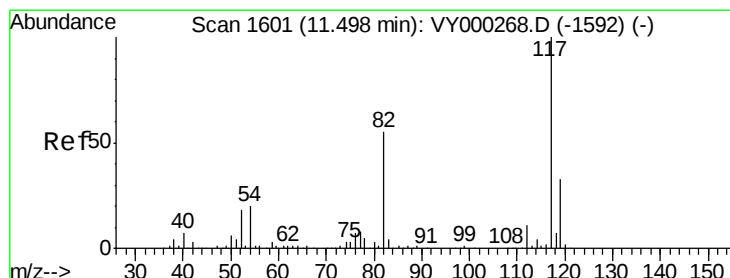
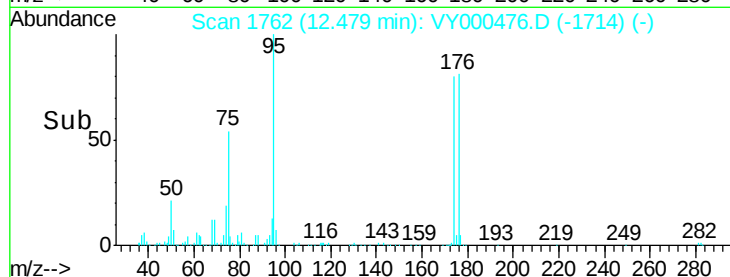
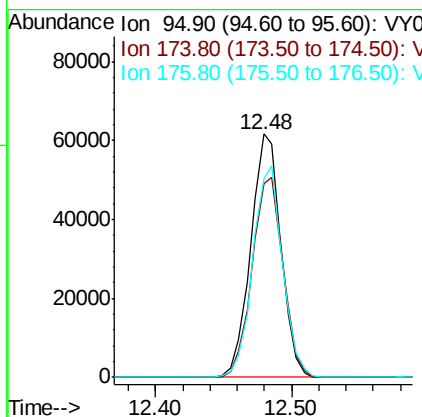
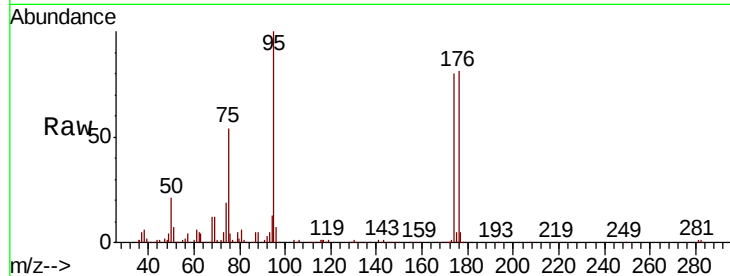




#62
4-Bromofluorobenzene
Concen: 34.249 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000476.D
Acq: 29 Oct 2019 15:52

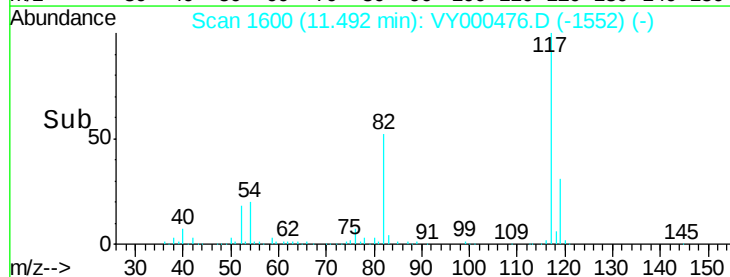
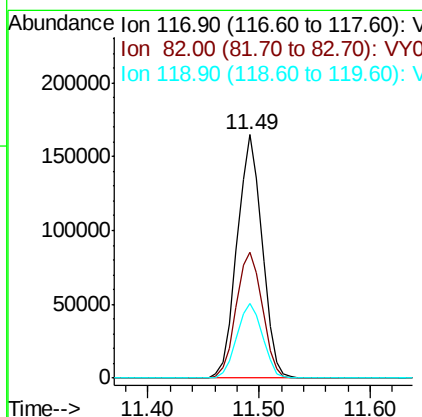
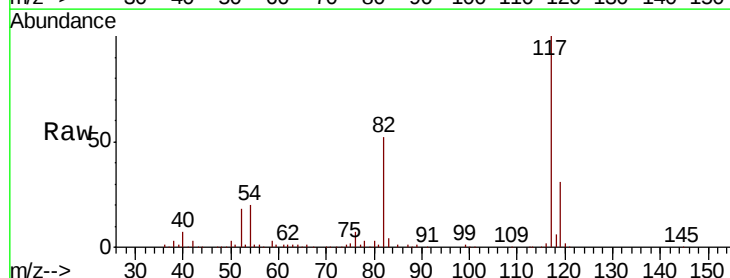
Instrument :
MSVOA_Y
ClientSampleId :

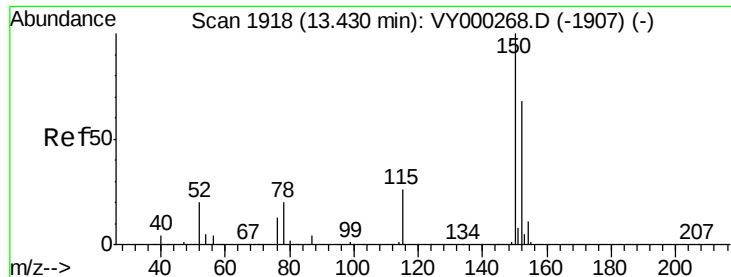
Tot Ion	95	Resp	95738
Ion Ratio	Lower	Upper	
95	100		
174	84.5	0.0	159.6
176	85.9	0.0	153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000476.D
Acq: 29 Oct 2019 15:52

Tgt Ion	117	Resp	256636
Ion Ratio	Lower	Upper	
117	100		
82	51.7	43.7	65.5
119	30.7	26.6	39.8



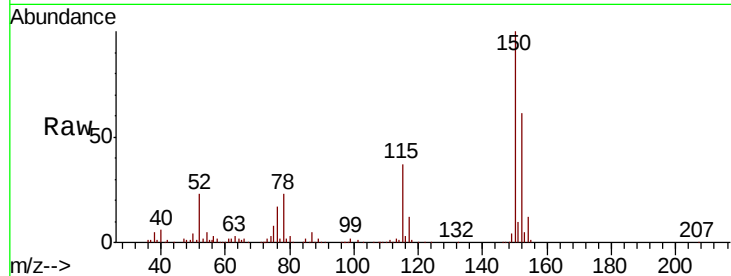


#72

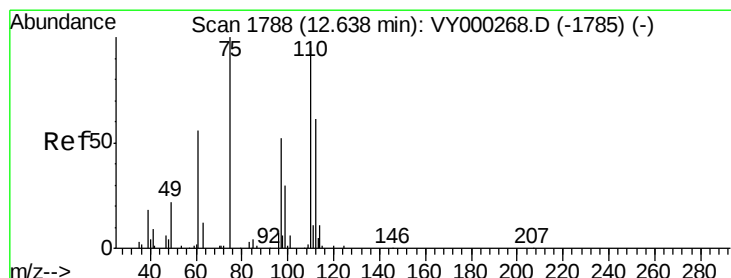
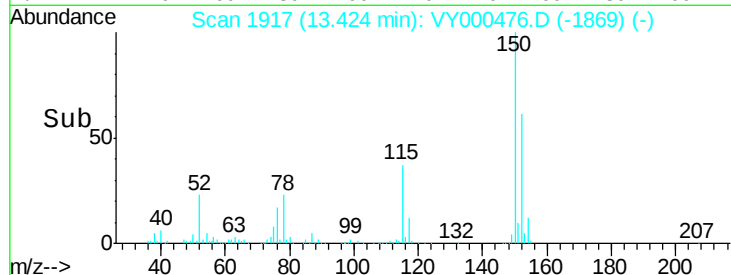
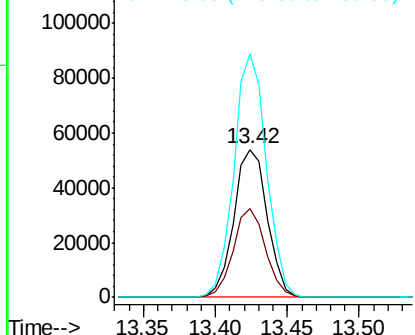
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000476.D
Acq: 29 Oct 2019 15:52

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:152 Resp: 87174
Ion Ratio Lower Upper
152 100
115 58.0 29.3 88.0
150 159.5 0.0 348.4



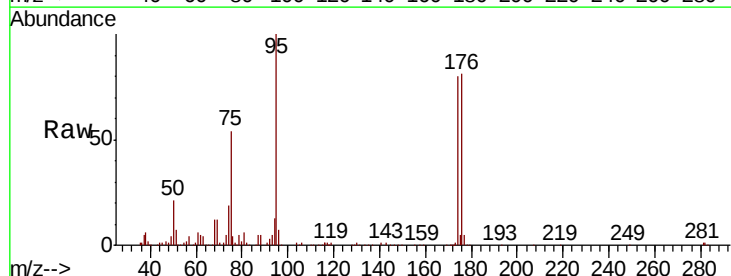
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



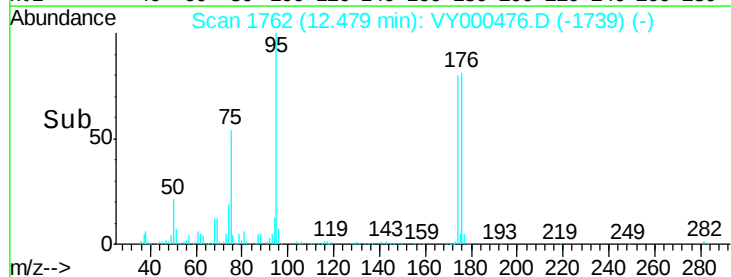
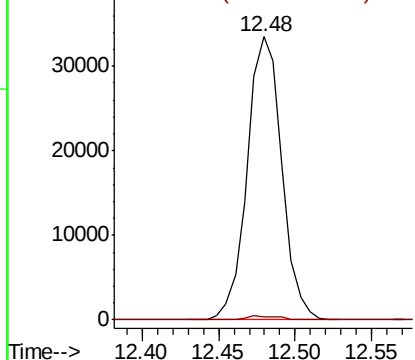
#76

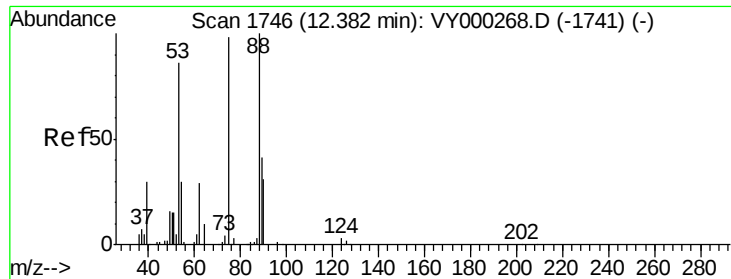
1,2,3-Trichloropropane
Concen: 49.073 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000476.D
Acq: 29 Oct 2019 15:52

Tgt Ion: 75 Resp: 52603
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: 107.369 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000476.D

Acq: 29 Oct 2019 15:52

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 52603

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 35.1 52.7#

